

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042556.D
 Acq On : 29 Aug 2019 9:08
 Operator : HP/JU
 Sample : PB122614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 12:16:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33196	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	132424	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98266	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228894	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	265873	20.00	ng	-0.01
87) Perylene-d12	24.93	264	303776	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	189472	115.60	ng	0.00
7) Phenol-d6	7.16	99	236366	106.76	ng	-0.01
23) Nitrobenzene-d5	9.16	82	122038	63.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	151623	108.56	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	399934	68.83	ng	0.00
79) Terphenyl-d14	20.02	244	821199	66.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	26006	38.020	ng	98
3) Pyridine	3.82	79	55486	31.634	ng	96
4) n-Nitrosodimethylamine	3.74	42	25863	41.284	ng	96
6) Aniline	7.31	93	86071	29.147	ng	97
8) 2-Chlorophenol	7.56	128	84443	42.510	ng	98
9) Benzaldehyde	7.13	77	48715	43.950	ng	95
10) Phenol	7.19	94	92089	40.909	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	67683	38.284	ng	97
12) 1,3-Dichlorobenzene	7.88	146	98969	39.165	ng	99
13) 1,4-Dichlorobenzene	8.03	146	98968	38.664	ng	98
14) 1,2-Dichlorobenzene	8.35	146	95678	39.032	ng	96
15) Benzyl Alcohol	8.24	79	63016	39.561	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84571	35.294	ng	98
17) 2-Methylphenol	8.45	107	67006	40.413	ng	92
18) Hexachloroethane	9.09	117	33608	38.353	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	51029	35.576	ng	94
20) 3+4-Methylphenols	8.78	107	90445	39.421	ng	98
22) Acetophenone	8.82	105	116157	41.011	ng	# 98
24) Nitrobenzene	9.21	77	77482	39.928	ng	99
25) Isophorone	9.73	82	143924	38.056	ng	99
26) 2-Nitrophenol	9.93	139	50819	41.790	ng	96
27) 2,4-Dimethylphenol	9.99	122	77793	46.440	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	90237	37.857	ng	99
29) 2,4-Dichlorophenol	10.48	162	95965	43.786	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	108281	40.251	ng	99
31) Naphthalene	10.87	128	248941	40.491	ng	99
32) Benzoic acid	10.13	122	35181	32.183	ng	95
33) 4-Chloroaniline	10.98	127	69732	24.570	ng	97
34) Hexachlorobutadiene	11.16	225	72139	39.901	ng	98
35) Caprolactam	11.76	113	25818	35.304	ng	88
36) 4-Chloro-3-methylphenol	12.11	107	85781	41.231	ng	99
37) 2-Methylnaphthalene	12.48	142	202158	40.950	ng	100
38) 1-Methylnaphthalene	12.70	142	190691	40.666	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	133465	42.294	ng	99

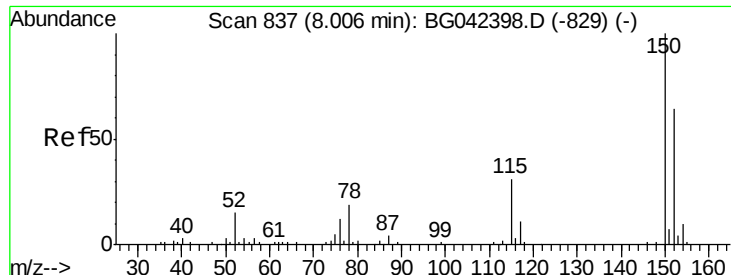
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153414	92.550	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	84873	39.790	ng	95
44) 2,4,5-Trichlorophenol	13.17	196	92384	41.795	ng	98
46) 1,1'-Biphenyl	13.49	154	261965	41.241	ng	99
47) 2-Chloronaphthalene	13.53	162	214685	39.197	ng	100
48) 2-Nitroaniline	13.74	65	47336	35.840	ng	98
49) Acenaphthylene	14.38	152	341954	41.499	ng	99
50) Dimethylphthalate	14.11	163	273672	38.598	ng	99
51) 2,6-Dinitrotoluene	14.23	165	65554	39.888	ng	96
52) Acenaphthene	14.72	154	198116	39.595	ng	99
53) 3-Nitroaniline	14.56	138	45222	27.514	ng	96
54) 2,4-Dinitrophenol	14.78	184	73050	67.039	ng	99
55) Dibenzofuran	15.06	168	343527	41.477	ng	98
56) 4-Nitrophenol	14.88	139	94370	80.802	ng	98
57) 2,4-Dinitrotoluene	15.02	165	92977	39.507	ng	96
58) Fluorene	15.70	166	275977	40.763	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	92234	42.194	ng	93
60) Diethylphthalate	15.47	149	269411	38.870	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	162449	39.804	ng	99
62) 4-Nitroaniline	15.73	138	67339	38.281	ng	96
63) Azobenzene	15.99	77	184171	38.778	ng	95
65) 4,6-Dinitro-2-methylphenol	15.79	198	60726	42.316	ng	96
66) n-Nitrosodiphenylamine	15.91	169	254801	40.478	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	113895	39.229	ng	100
68) Hexachlorobenzene	16.72	284	120989	38.334	ng	99
69) Atrazine	16.86	200	97567	43.830	ng	99
70) Pentachlorophenol	17.07	266	135635	82.709	ng	98
71) Phenanthrene	17.46	178	477183	41.970	ng	99
72) Anthracene	17.54	178	483049	42.559	ng	98
73) Carbazole	17.81	167	428856	42.395	ng	98
74) Di-n-butylphthalate	18.37	149	495610	41.447	ng	100
75) Fluoranthene	19.46	202	637997	45.979	ng	97
77) Benzidine	19.64	184	306404	40.196	ng	99
78) Pyrene	19.83	202	651021	39.939	ng	98
80) Butylbenzylphthalate	20.71	149	244398	38.120	ng	98
81) Benzo(a)anthracene	21.67	228	655375	40.521	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	195177	30.005	ng	98
83) Chrysene	21.74	228	635121	40.718	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	345286	38.788	ng	99
85) Di-n-octyl phthalate	22.78	149	599980	39.188	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	829179	39.117	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	723340	43.313	ng	100
89) Benzo(k)fluoranthene	23.97	252	690214	42.997	ng	99
90) Benzo(a)pyrene	24.78	252	705736	44.533	ng	99
91) Dibenzo(a,h)anthracene	28.69	278	687291	42.834	ng	98
92) Benzo(g,h,i)perylene	29.80	276	690798	43.046	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

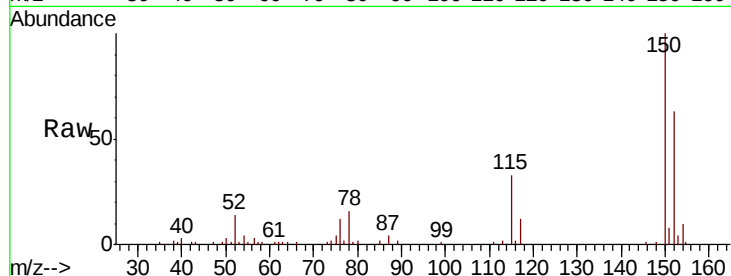


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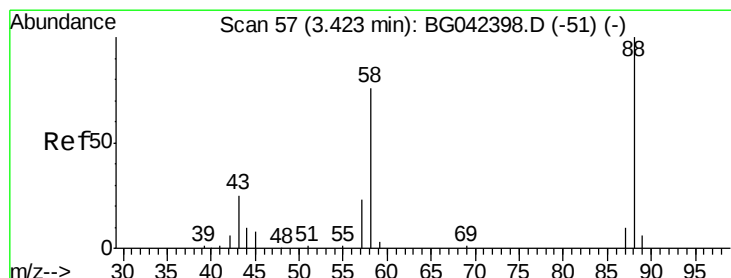
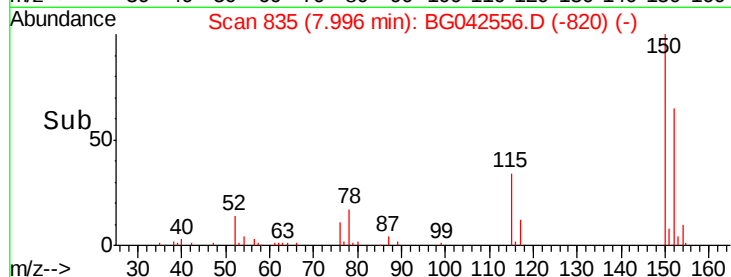
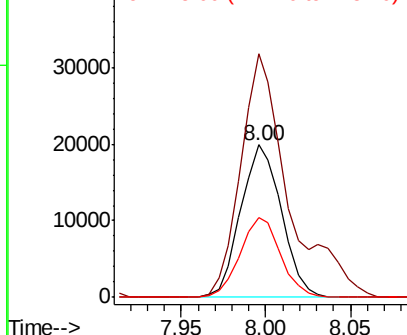
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33196
Ion Ratio Lower Upper
152 100
150 159.9 125.4 188.0
115 52.5 38.5 57.7



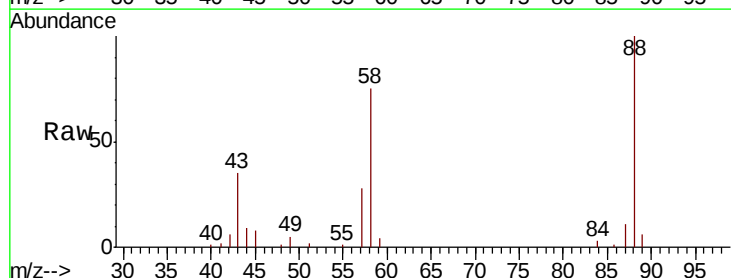
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



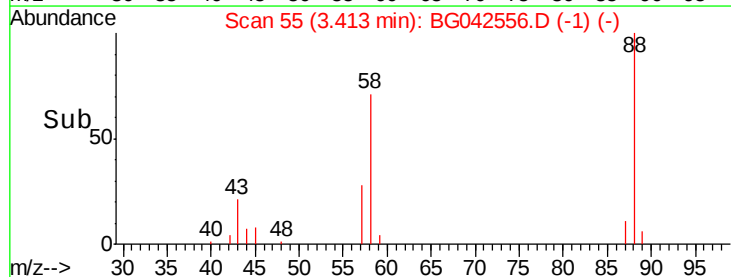
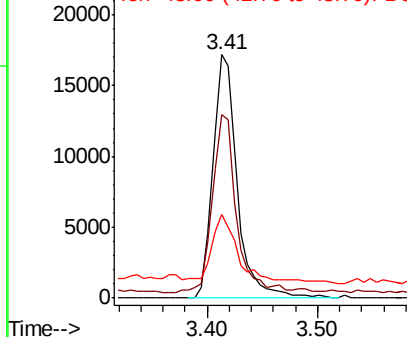
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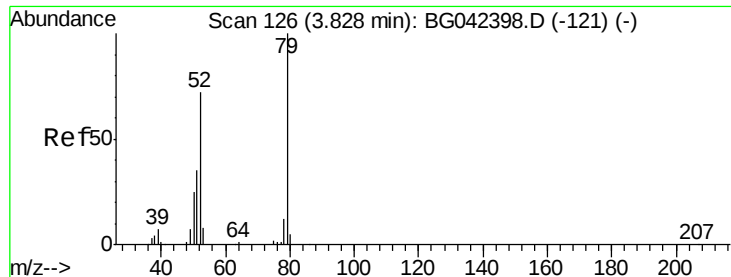
1,4-Dioxane
Concen: 38.020 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion: 88 Resp: 26006
Ion Ratio Lower Upper
88 100
58 71.1 58.3 87.5
43 25.7 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.634 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

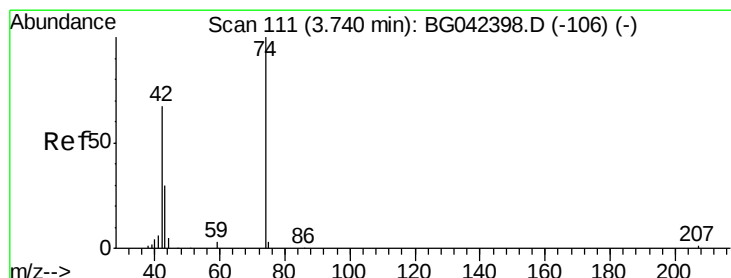
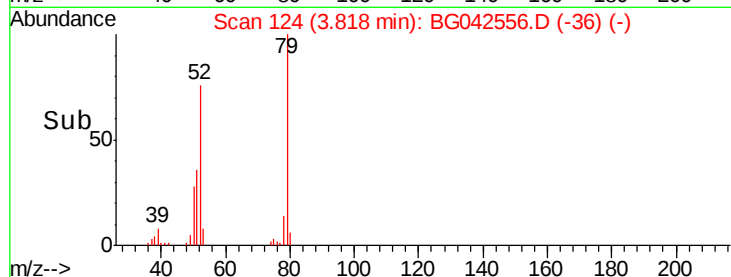
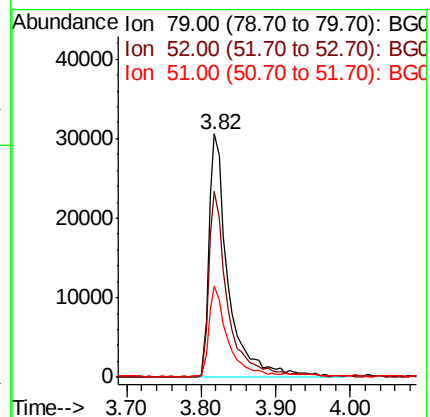
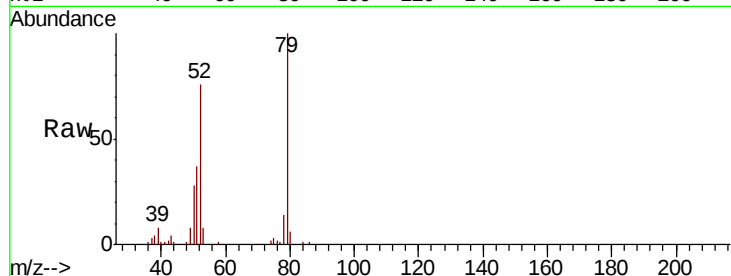
Tot Ion: 79 Resp: 55486

Ion Ratio Lower Upper

79 100

52 76.3 57.7 86.5

51 37.2 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 41.284 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

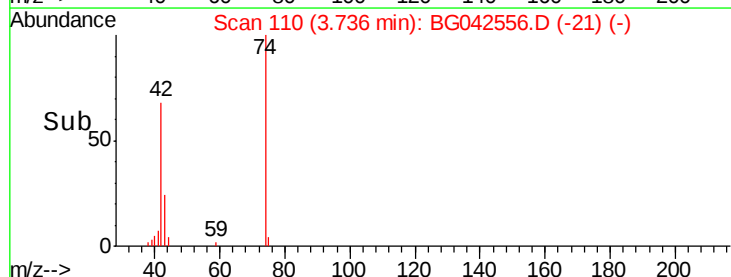
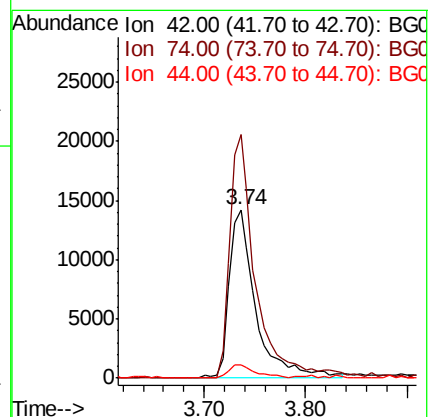
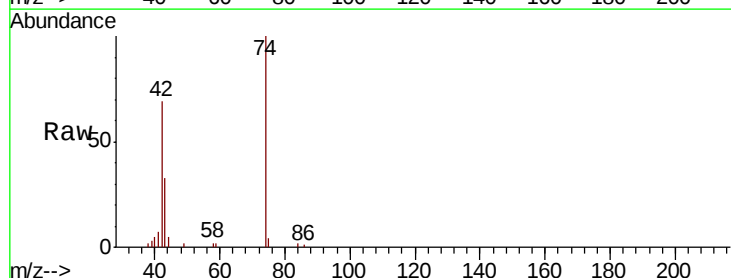
Tgt Ion: 42 Resp: 25863

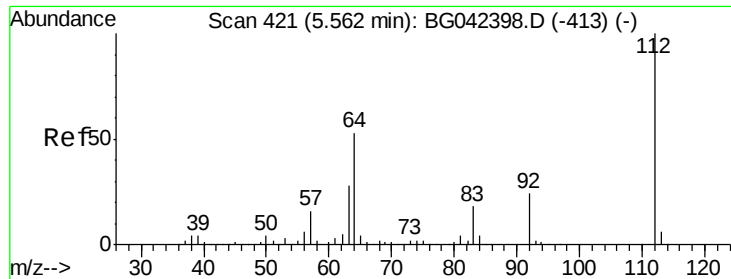
Ion Ratio Lower Upper

42 100

74 144.3 119.6 179.4

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 115.597 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

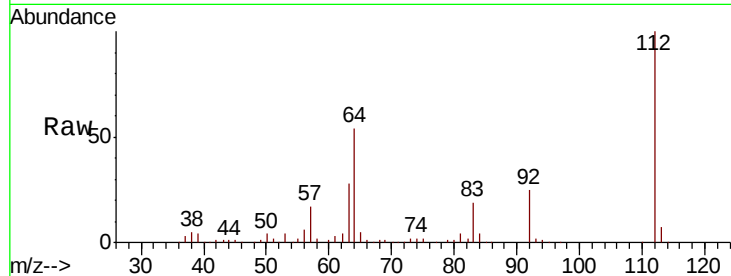
Tot Ion:112 Resp: 189472

Ion Ratio Lower Upper

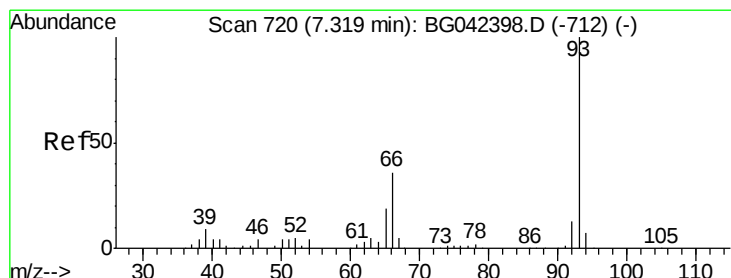
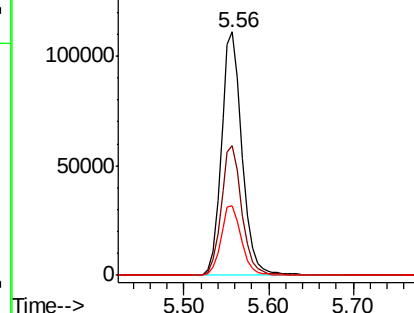
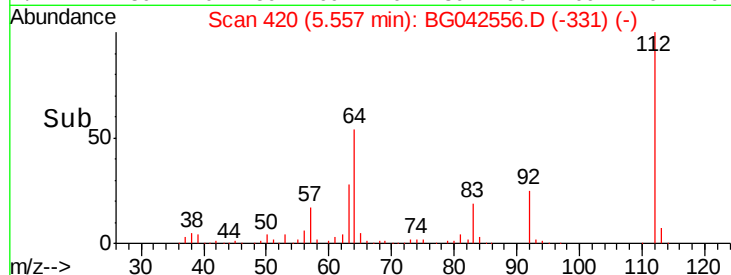
112 100

64 53.5 42.8 64.2

63 28.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.147 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

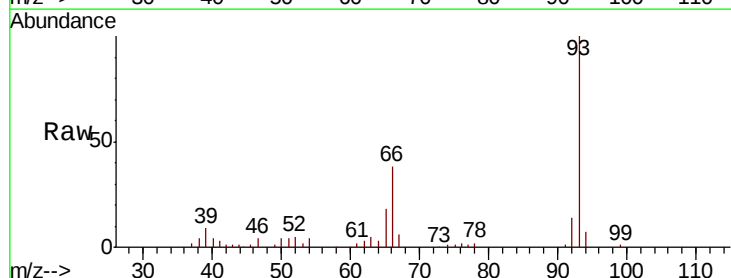
Tgt Ion: 93 Resp: 86071

Ion Ratio Lower Upper

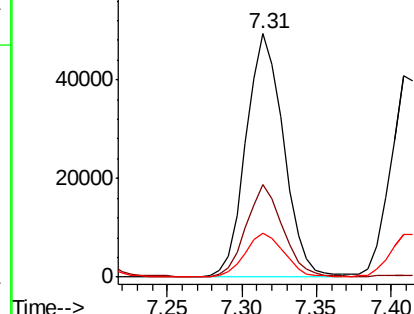
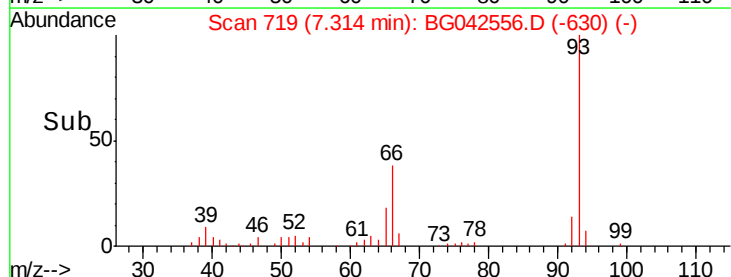
93 100

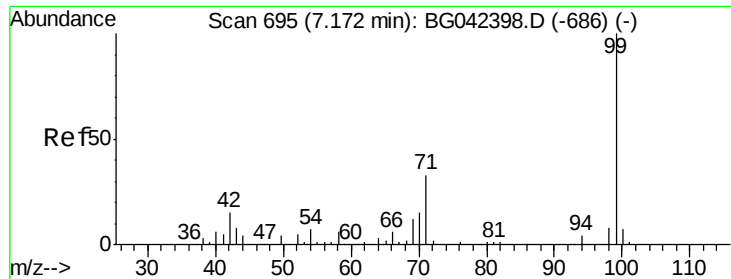
66 38.1 29.0 43.6

65 18.3 15.2 22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.759 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

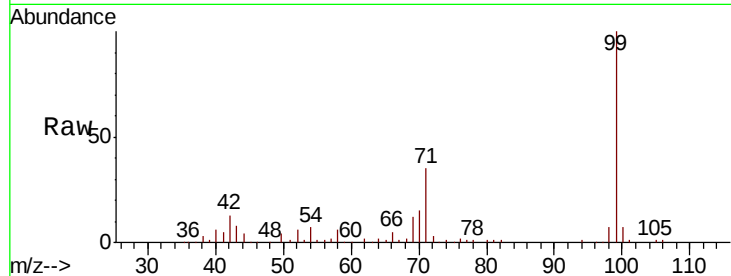
Tot Ion: 99 Resp: 236366

Ion Ratio Lower Upper

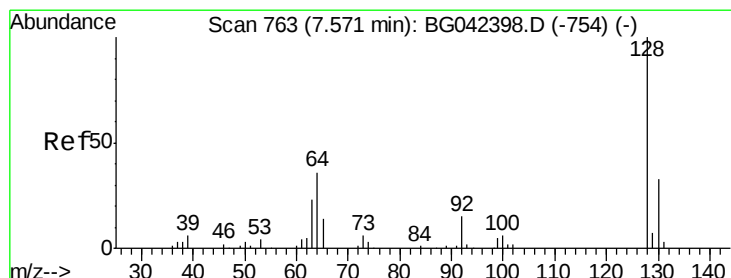
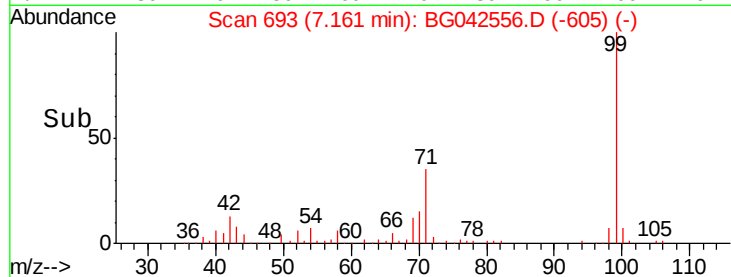
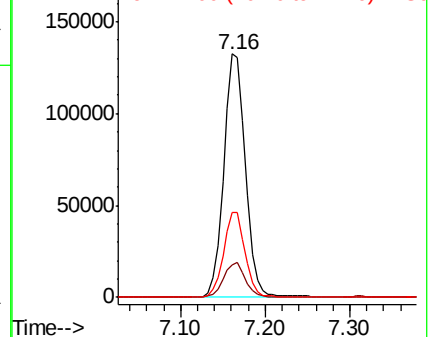
99 100

42 13.5 12.0 18.0

71 34.9 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.510 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

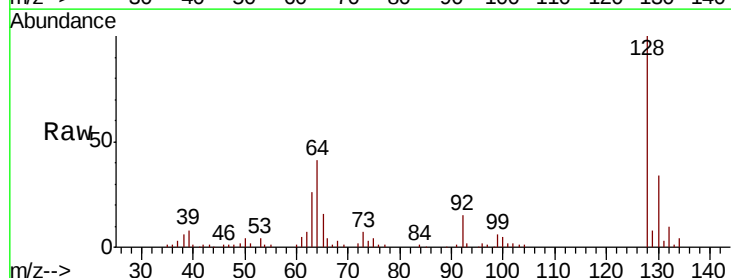
Tgt Ion: 128 Resp: 84443

Ion Ratio Lower Upper

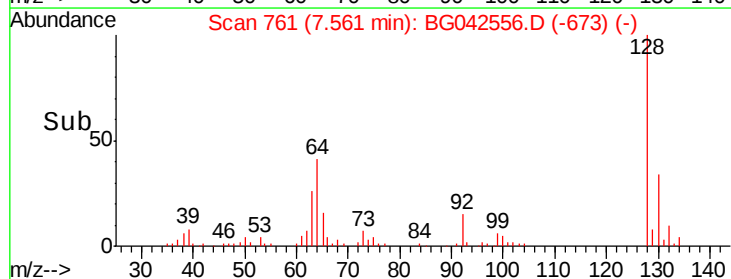
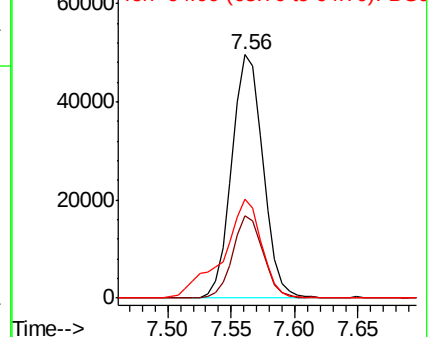
128 100

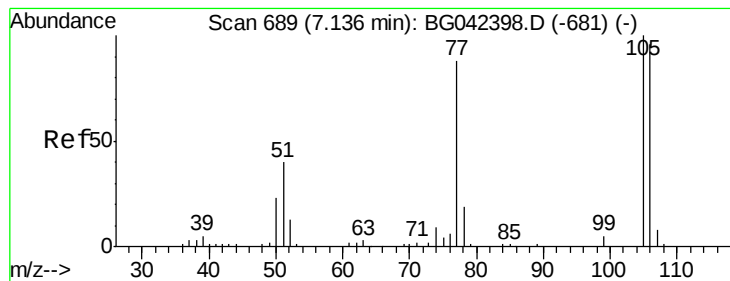
130 33.6 12.8 52.8

64 40.5 19.2 59.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 43.950 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampled :

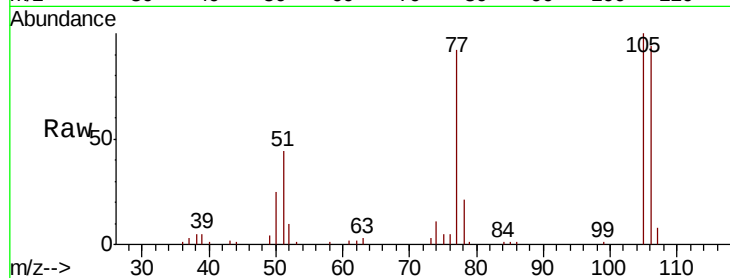
Tot Ion: 77 Resp: 48715

Ion Ratio Lower Upper

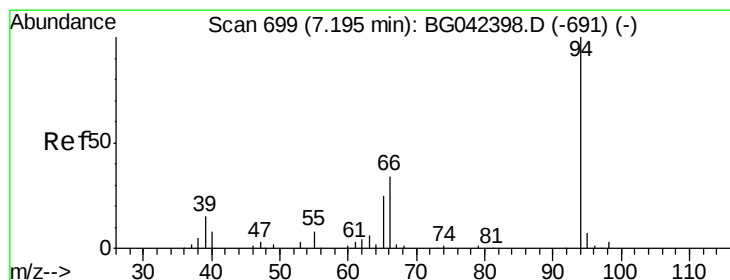
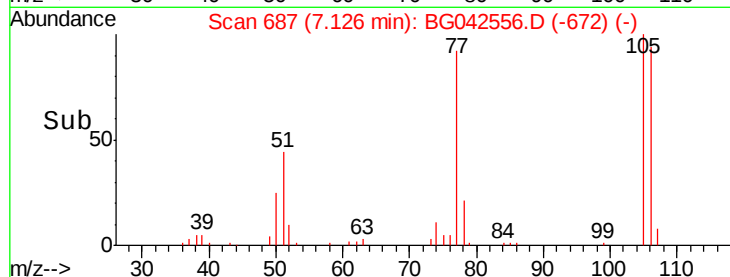
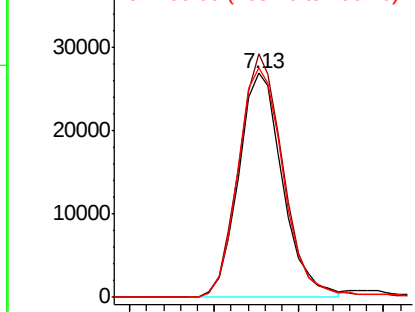
77 100

105 108.7 93.4 133.4

106 102.6 88.4 128.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.909 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

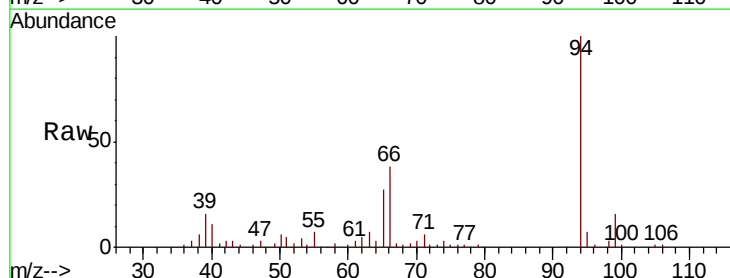
Tgt Ion: 94 Resp: 92089

Ion Ratio Lower Upper

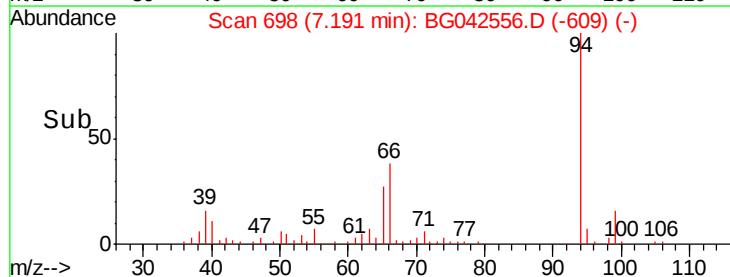
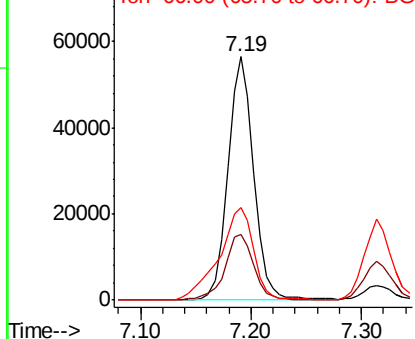
94 100

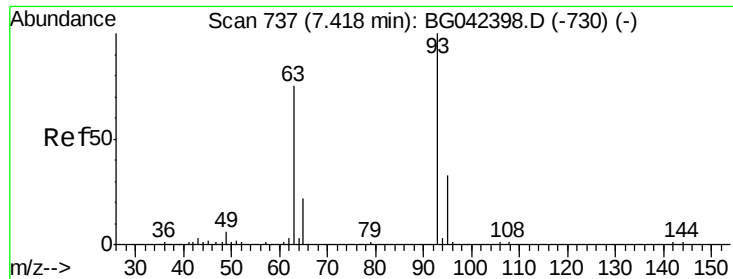
65 27.2 5.6 45.6

66 38.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

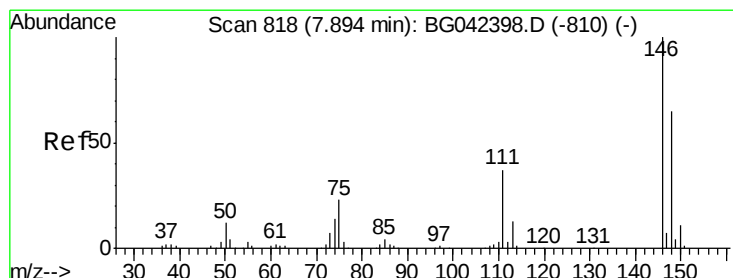
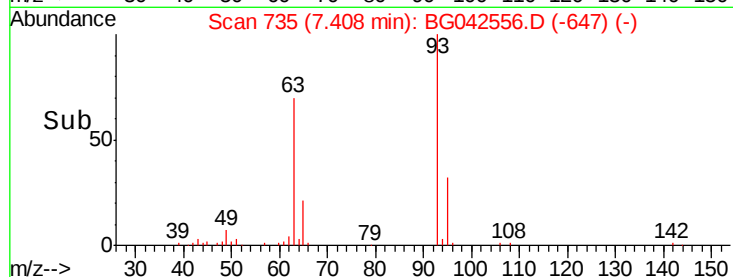
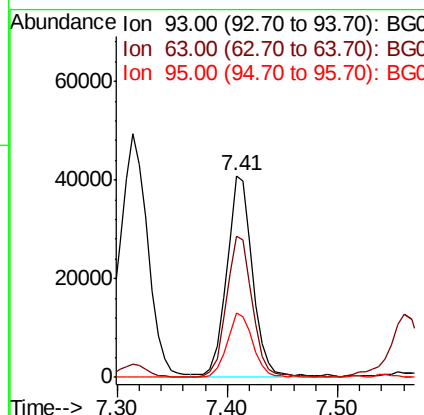
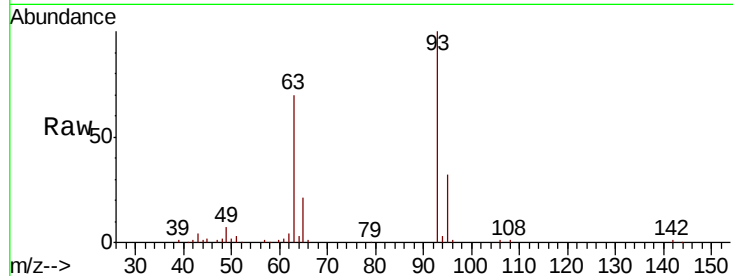




#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

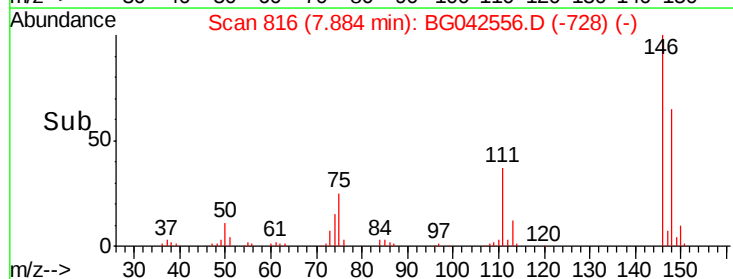
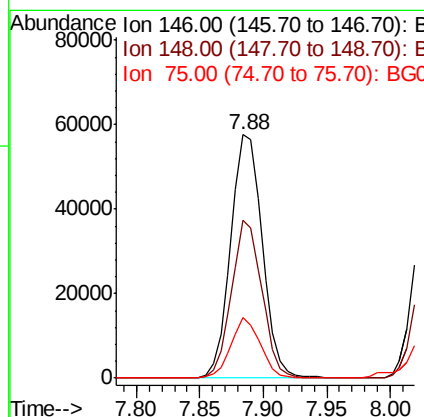
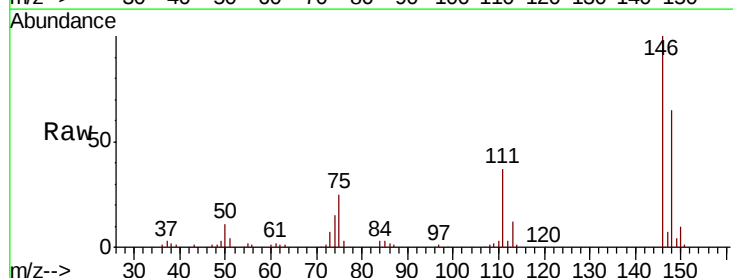
Instrument :
BNA_G
ClientSampleId :

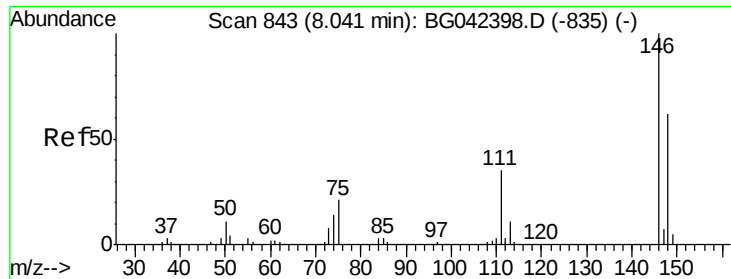
Tot Ion	93.00	Resp:	67683
Ion	Ratio	Lower	Upper
93	100		
63	70.4	53.8	93.8
95	31.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 39.165 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	146	Resp:	98969
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
75	24.9	18.0	27.0

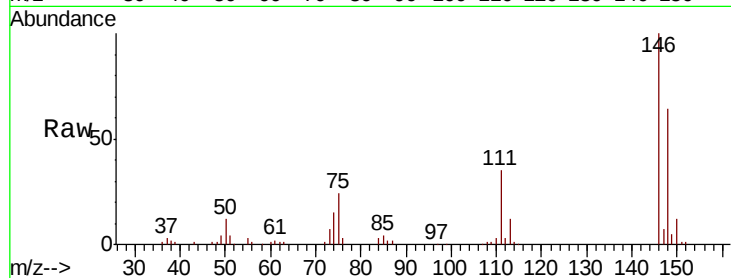




#13
 1,4-Dichlorobenzene
 Concen: 38.664 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.5	74.3
111	35.0	28.1	42.1

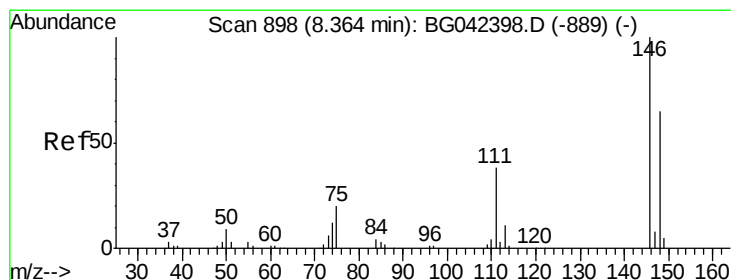
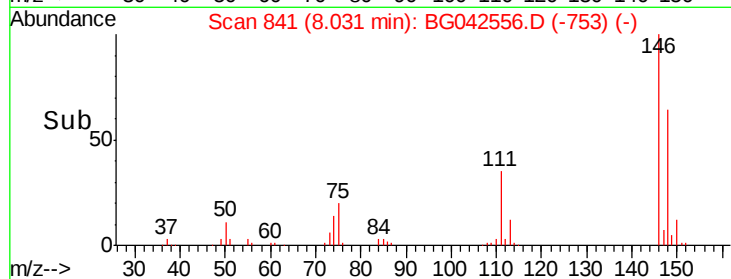
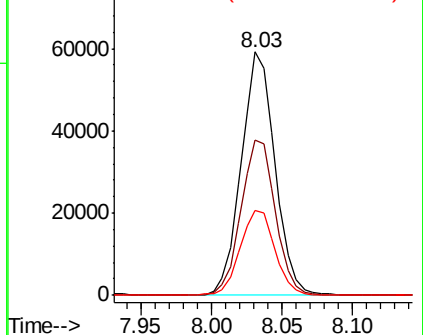


Abundance

Ion 146.00 (145.70 to 146.70): E

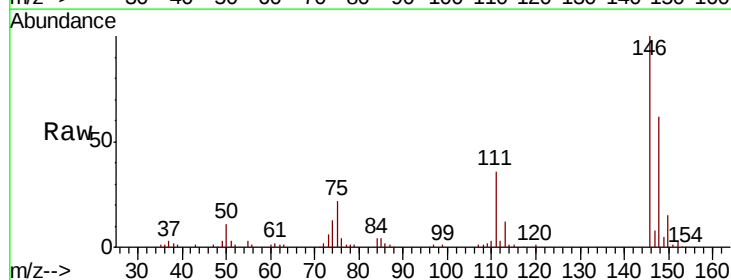
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.032 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.8	77.6
111	36.2	30.9	46.3

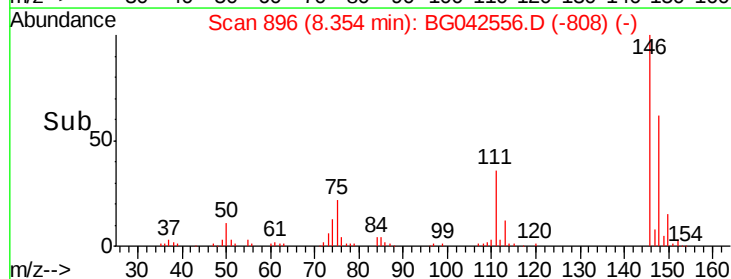
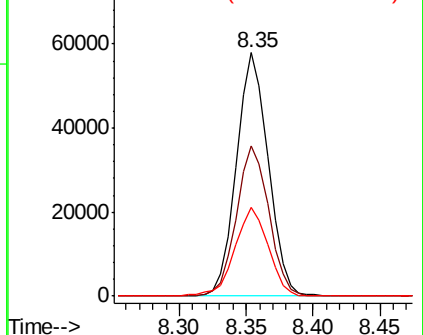


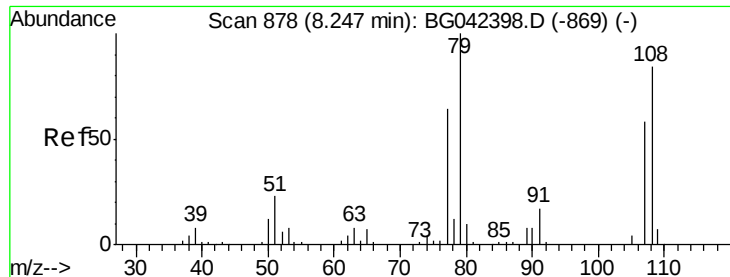
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.561 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampled :

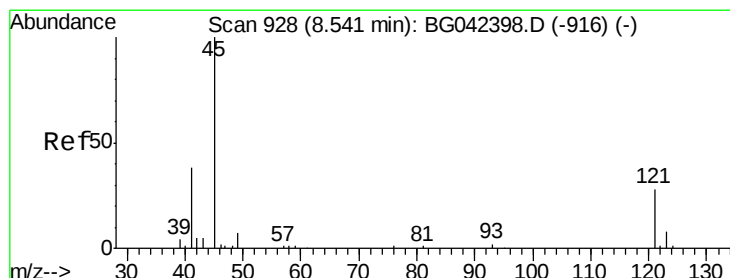
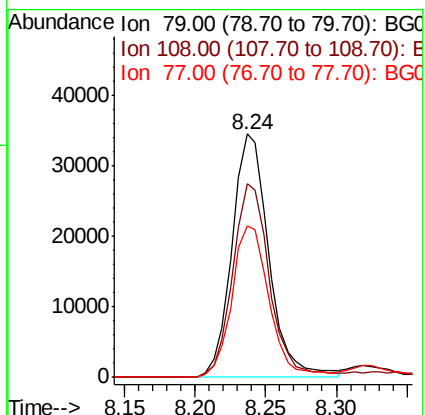
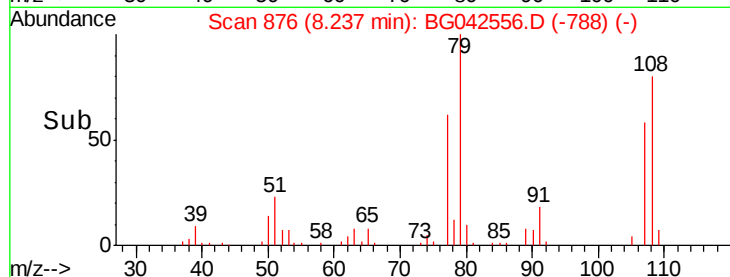
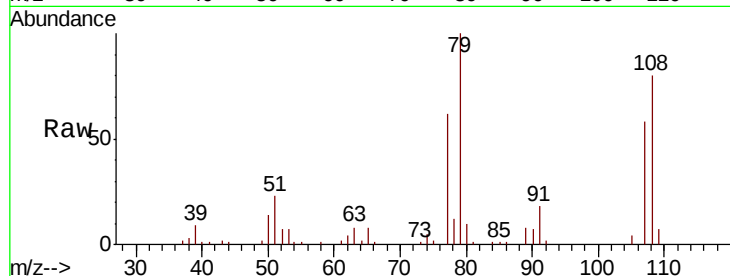
Tot Ion: 79 Resp: 63016

Ion Ratio Lower Upper

79 100

108 79.7 67.4 101.2

77 62.0 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.294 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

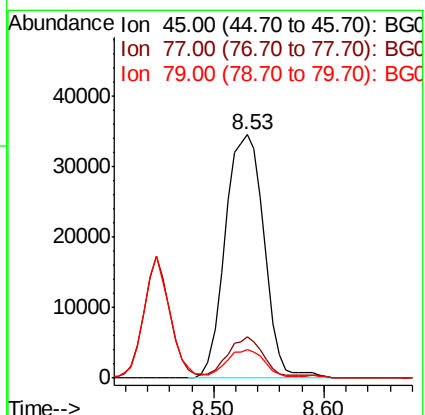
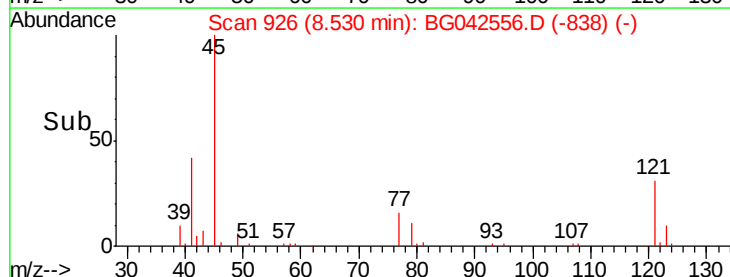
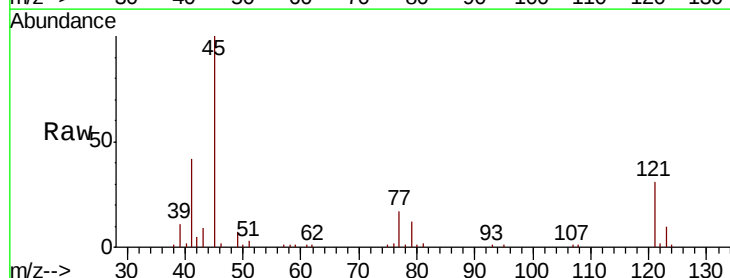
Tgt Ion: 45 Resp: 84571

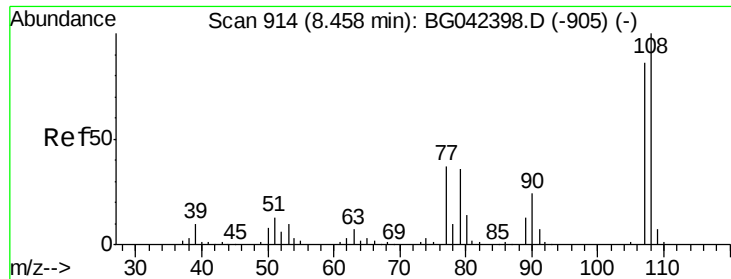
Ion Ratio Lower Upper

45 100

77 16.8 0.0 35.6

79 11.9 0.0 31.6

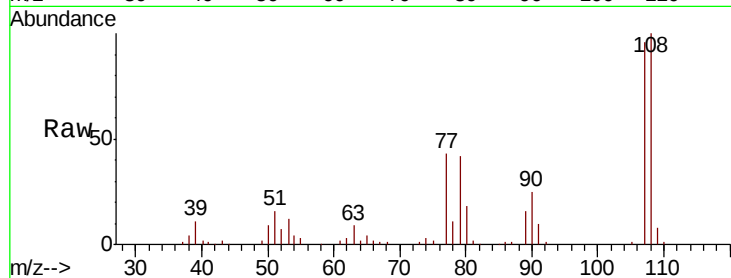




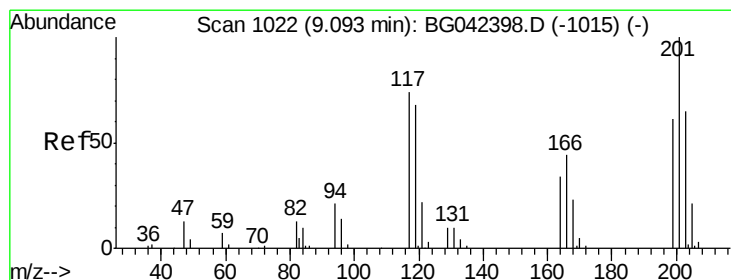
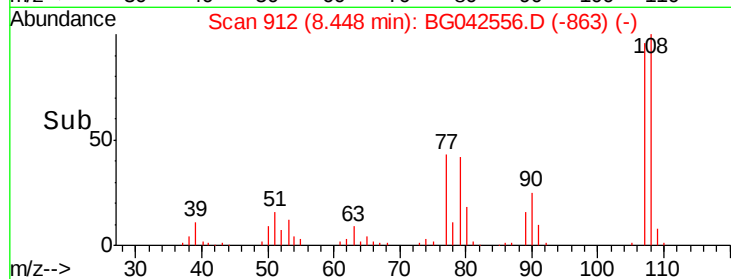
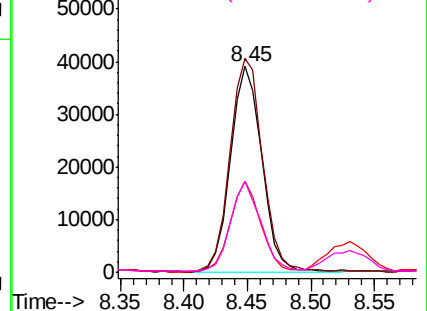
#17
 2-Methylphenol
 Concen: 40.413 ng
 RT: 8.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	107	Resp:	67006
Ion	Ratio	Lower	Upper
107	100		
108	103.7	92.9	139.3
77	44.2	34.4	51.6
79	44.0	33.8	50.6

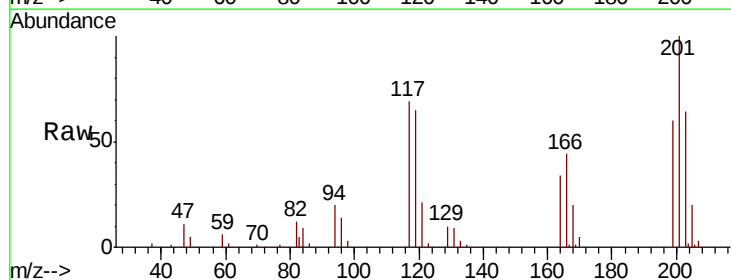


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

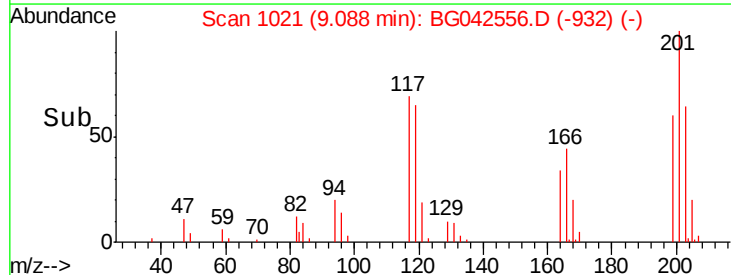
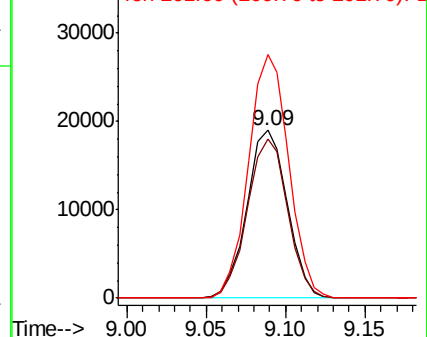


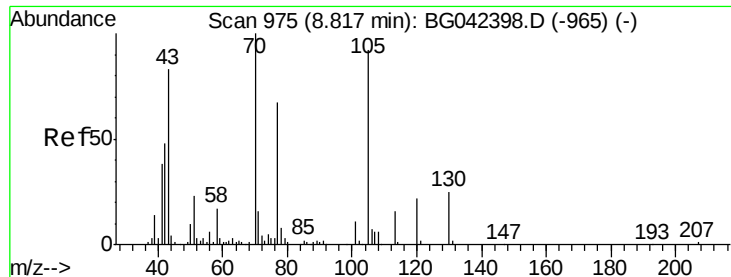
#18
 Hexachloroethane
 Concen: 38.353 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion:	117	Resp:	33608
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.8	110.8
201	144.9	108.3	162.5



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

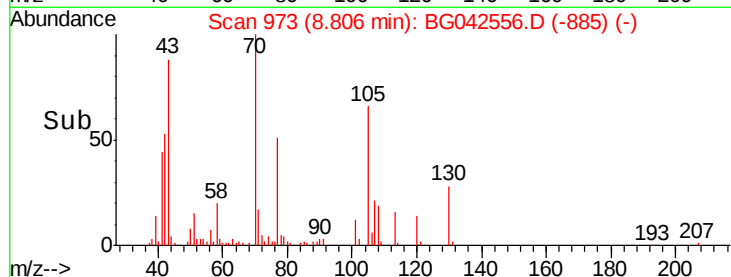
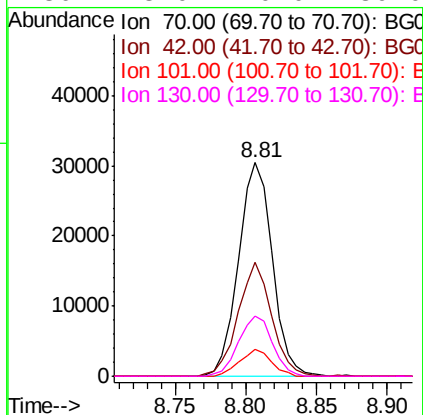
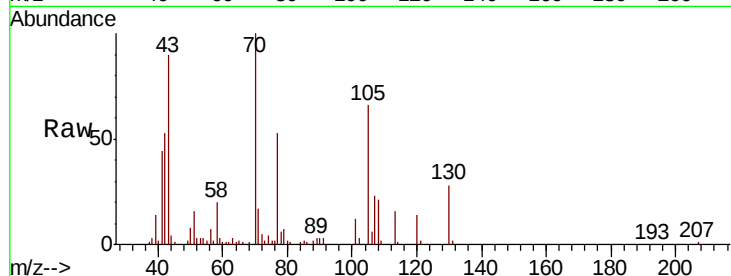




#19
n-Nitroso-di-n-propylamine
Concen: 35.576 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

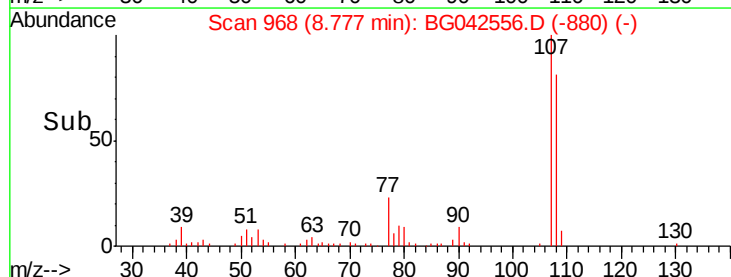
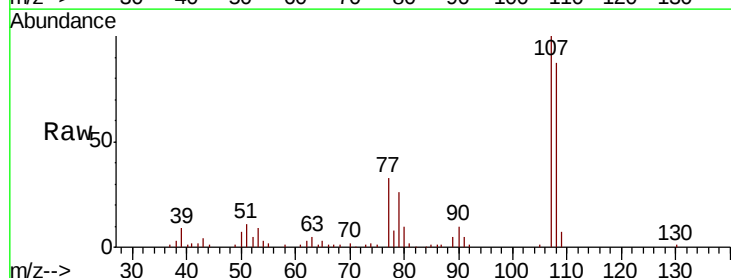
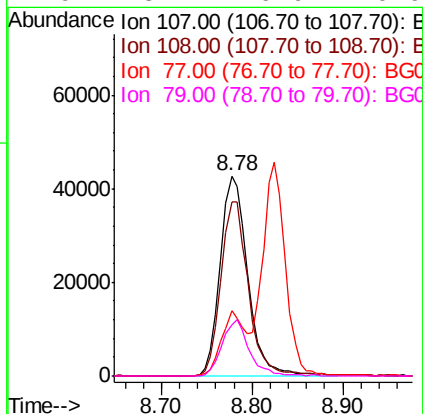
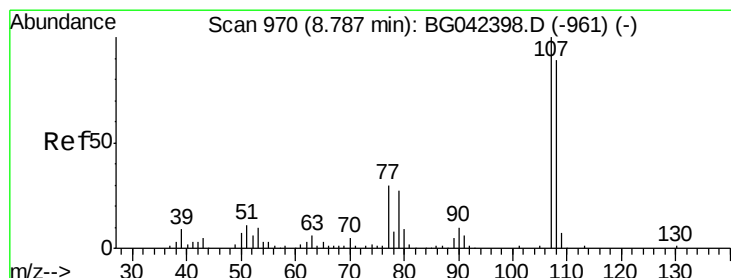
Instrument :
BNA_G
ClientSampleId :

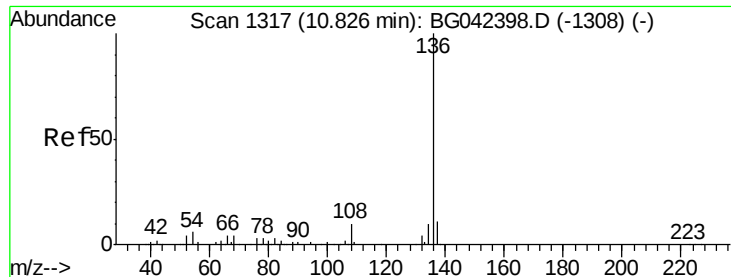
Tot Ion:	70	Resp:	51029
Ion	Ratio	Lower	Upper
70	100		
42	53.3	38.8	58.2
101	12.4	9.0	13.6
130	28.0	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.421 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:	107	Resp:	90445
Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.7	108.7
77	32.7	10.2	50.2
79	25.7	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 132424

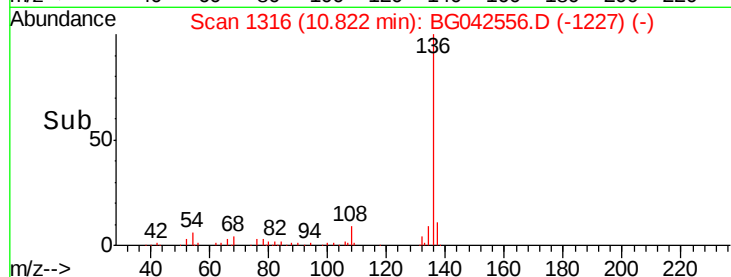
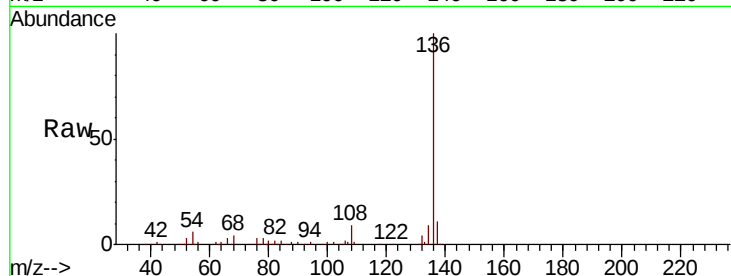
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.9 4.9 7.3

68 3.6 3.6 5.4

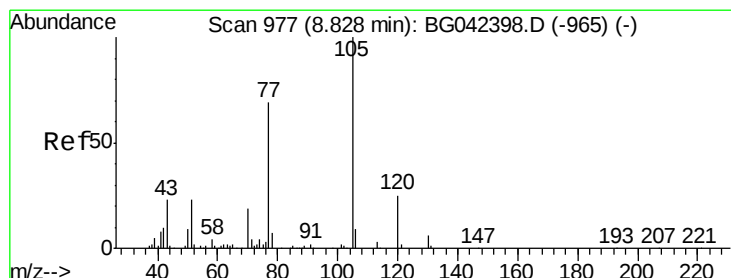
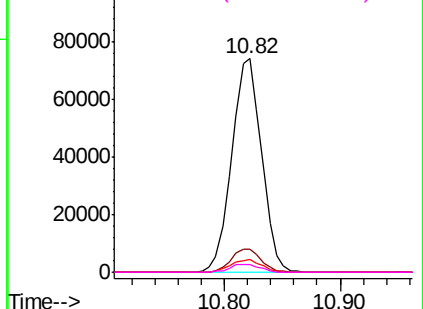


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.011 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion:105 Resp: 116157

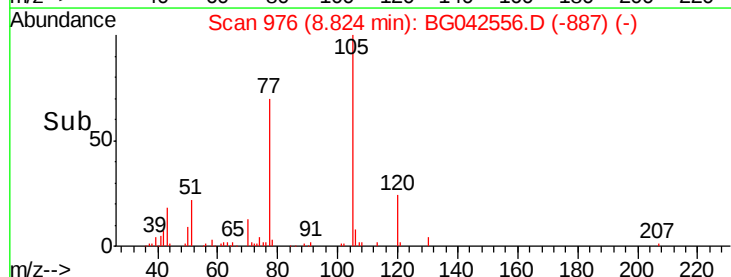
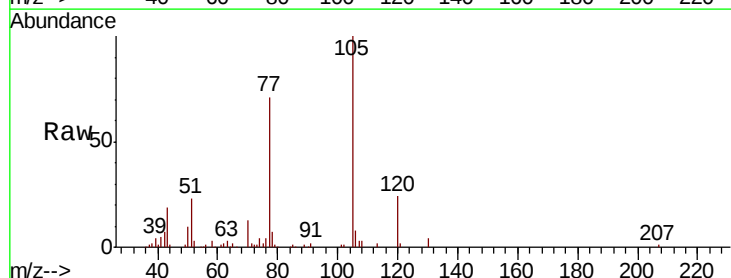
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 22.7 18.7 28.1

120 24.5 20.1 30.1

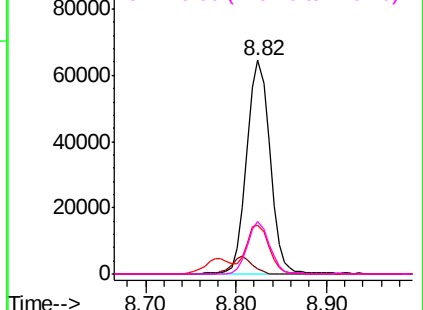


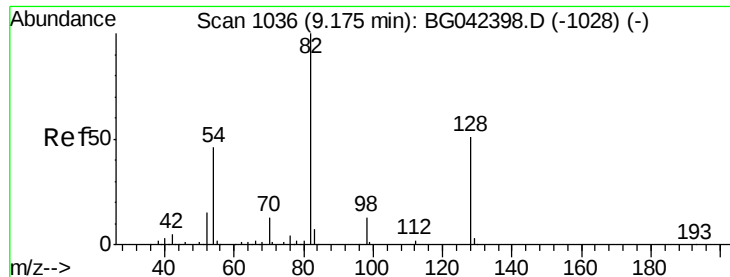
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

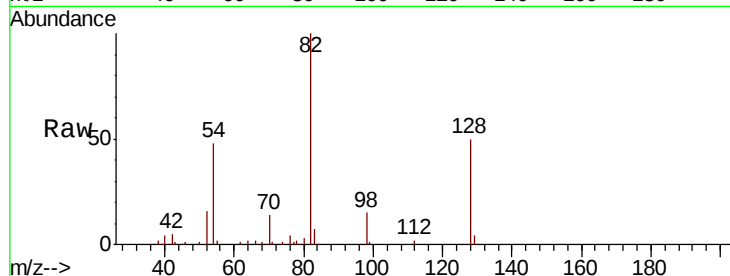




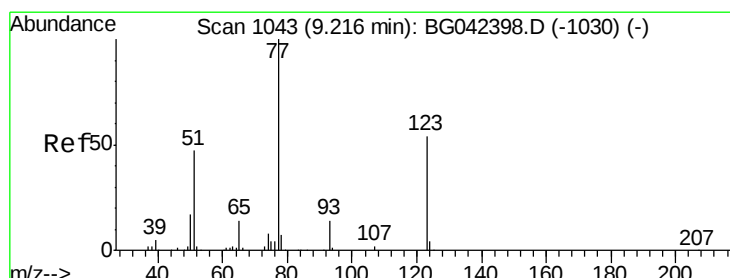
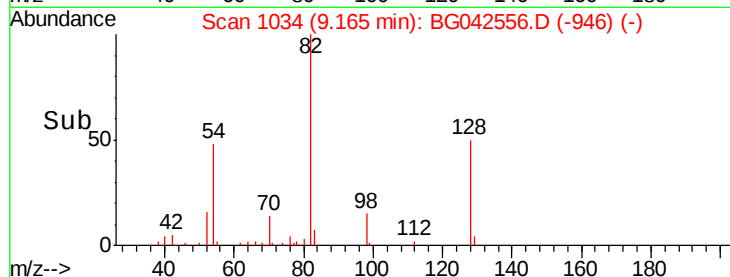
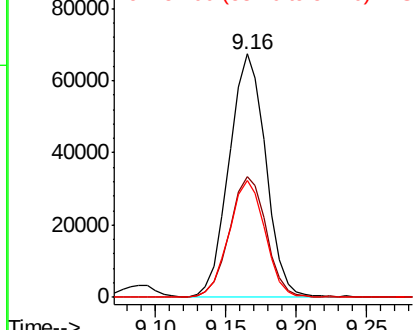
#23
Nitrobenzene-d5
Concen: 63.684 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	122038
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.7	61.1
54	48.1	36.3	54.5

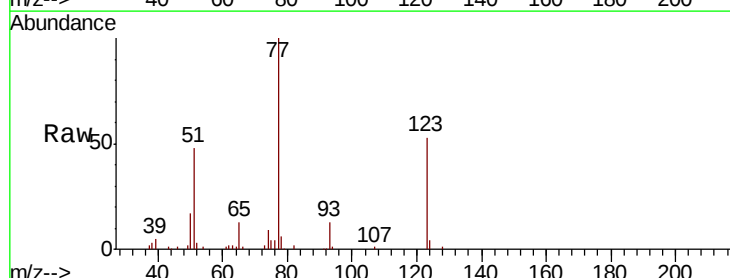


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

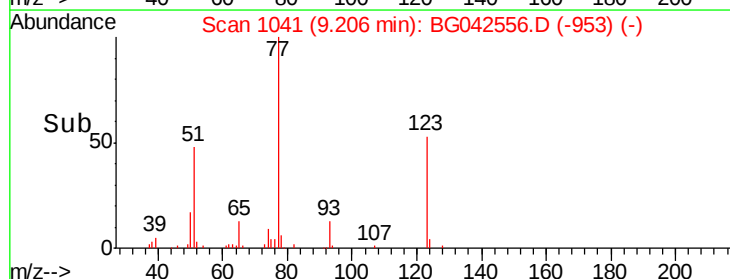
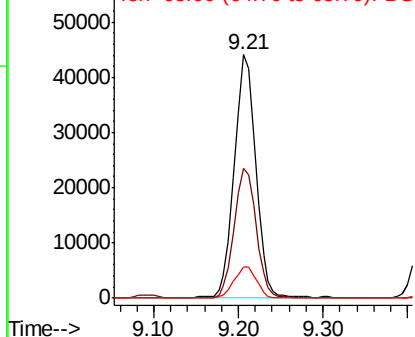


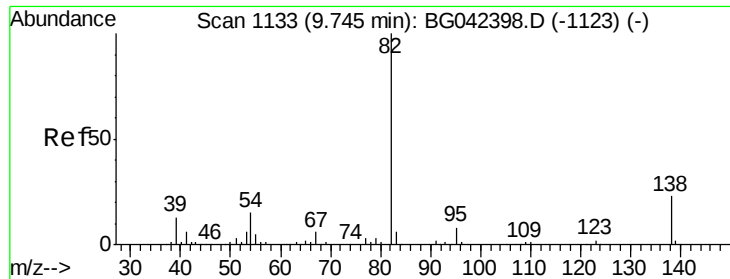
#24
Nitrobenzene
Concen: 39.928 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	77	Resp	77482
Ion Ratio	Lower	Upper	
77	100		
123	53.2	43.4	65.0
65	13.0	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.056 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampled :

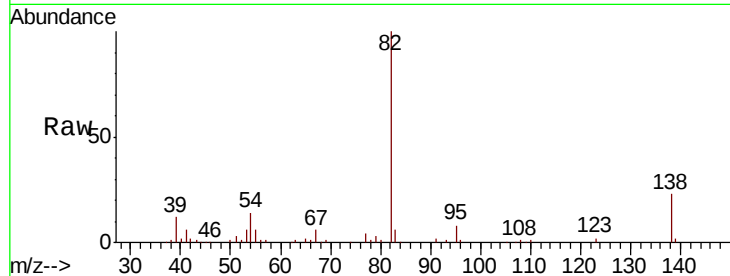
Tot Ion: 82 Resp: 143924

Ion Ratio Lower Upper

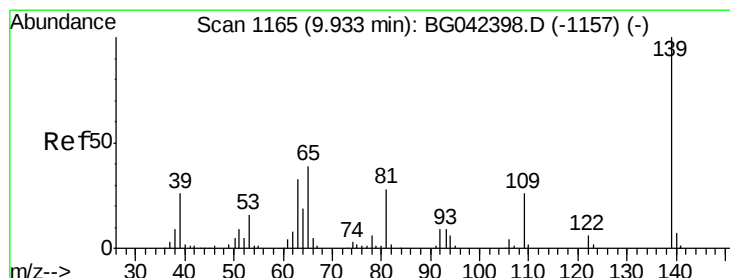
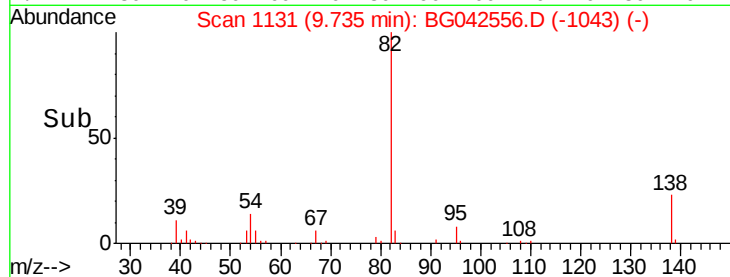
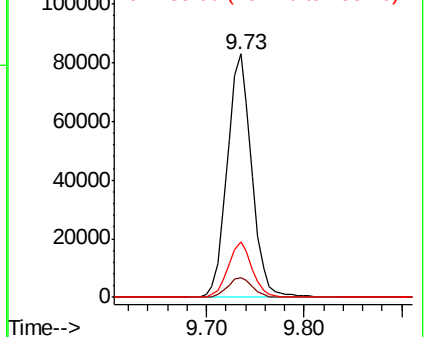
82 100

95 8.0 6.6 9.8

138 22.7 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.790 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

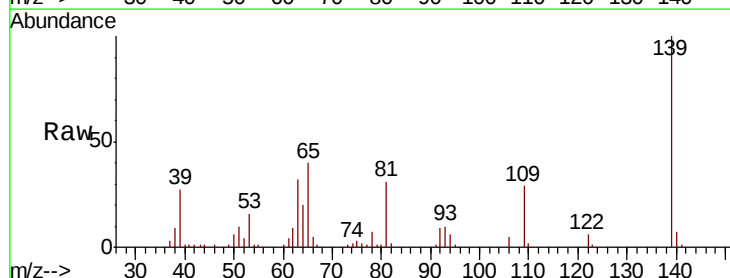
Tgt Ion: 139 Resp: 50819

Ion Ratio Lower Upper

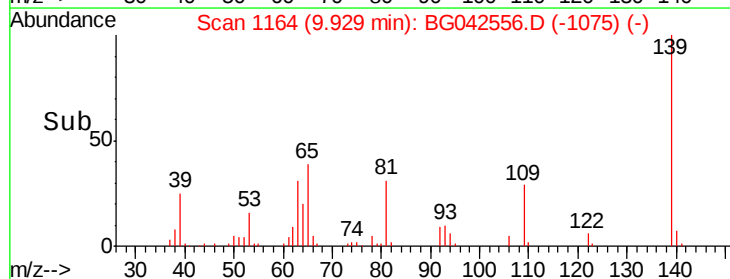
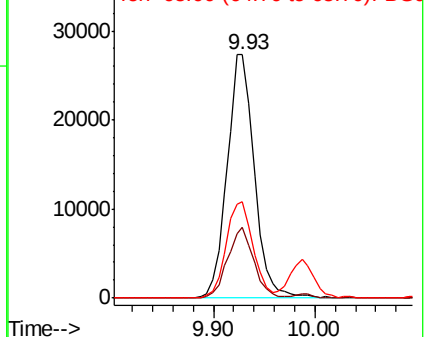
139 100

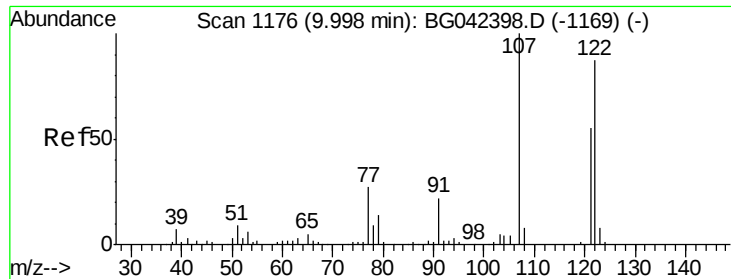
109 29.0 20.5 30.7

65 39.7 30.9 46.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

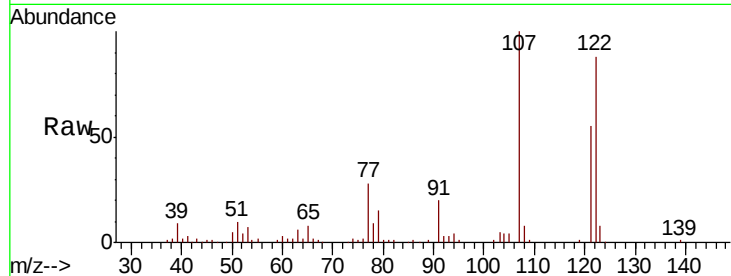




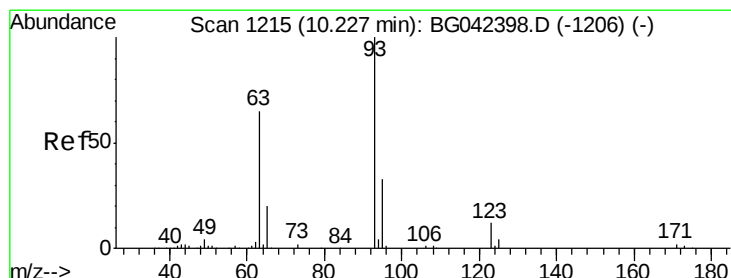
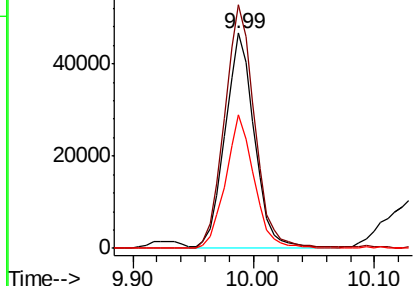
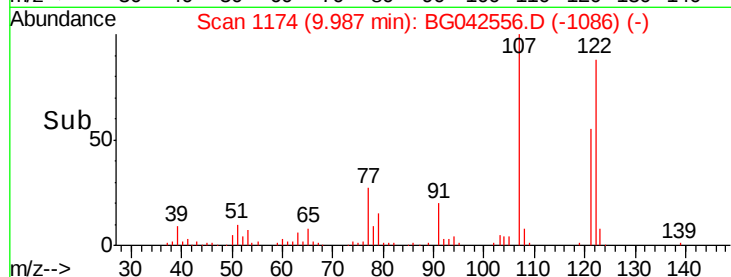
#27
 2,4-Dimethylphenol
 Concen: 46.440 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 77793
 Ion Ratio Lower Upper
 122 100
 107 113.0 90.8 136.2
 121 61.9 49.6 74.4

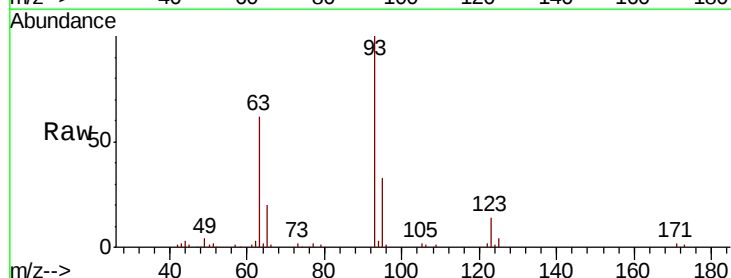


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

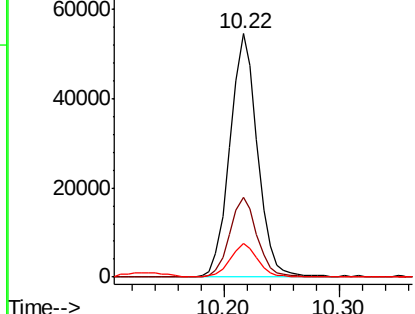
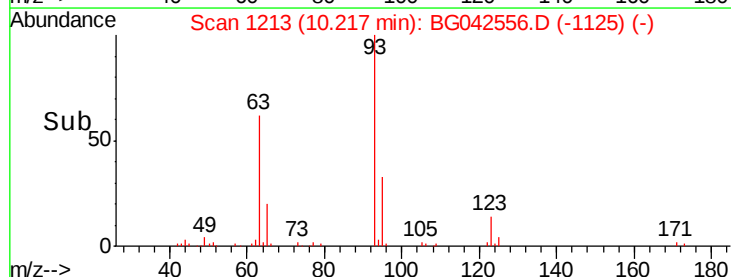


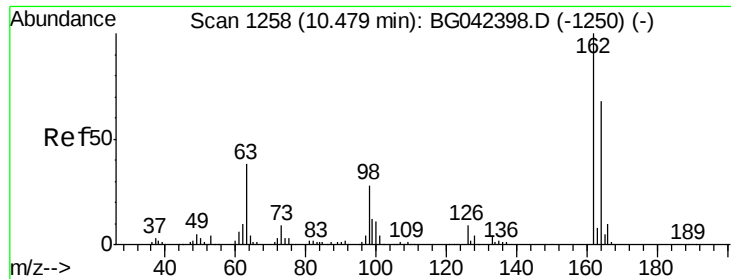
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.857 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion: 93 Resp: 90237
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 13.7 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

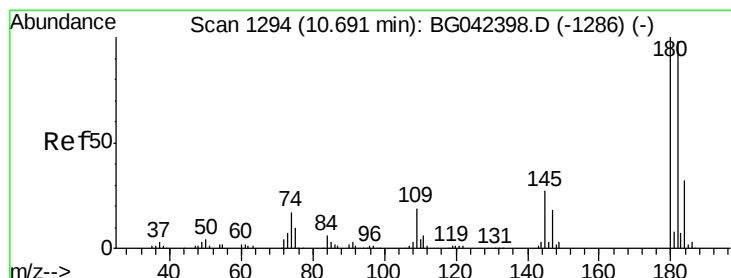
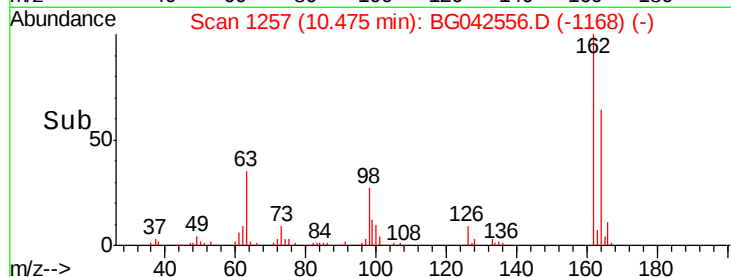
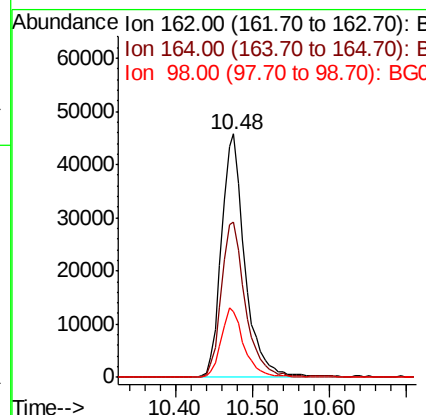
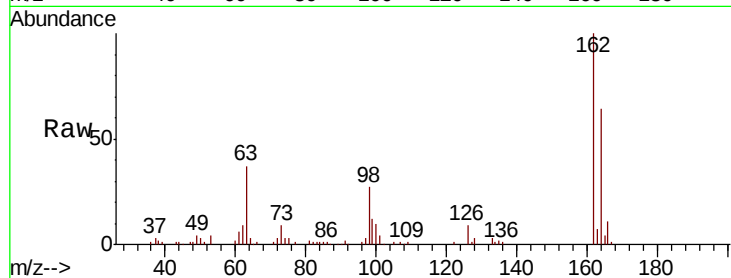




#29
 2,4-Dichlorophenol
 Concen: 43.786 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

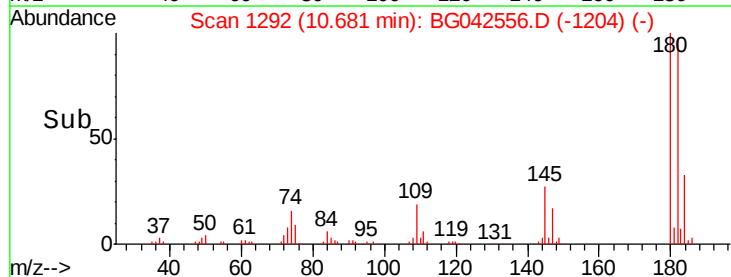
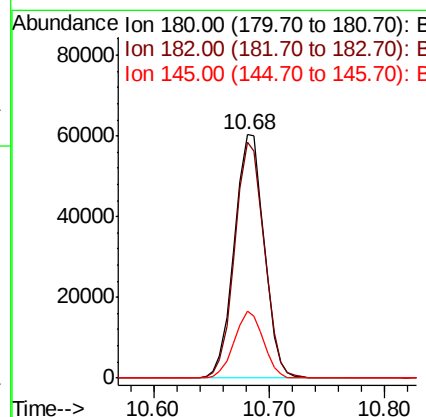
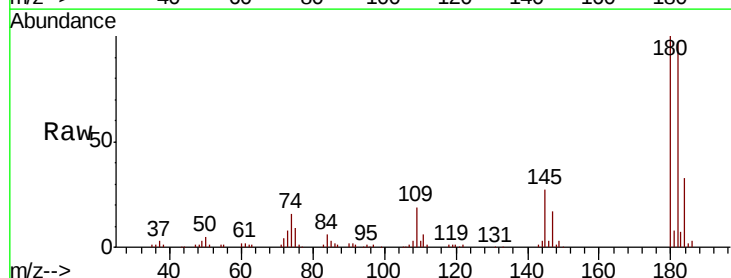
Instrument :
 BNA_G
 ClientSampleId :

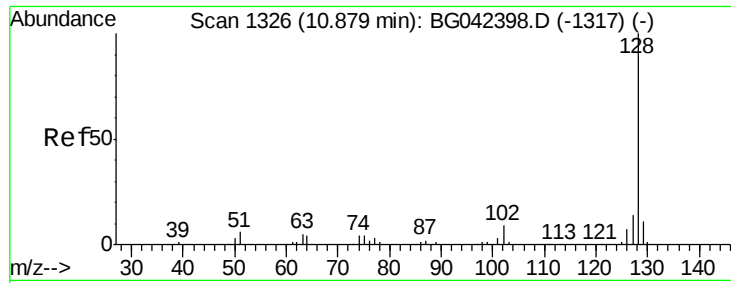
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.1	88.1
98	27.1	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.251 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.7	118.1
145	27.4	21.6	32.4

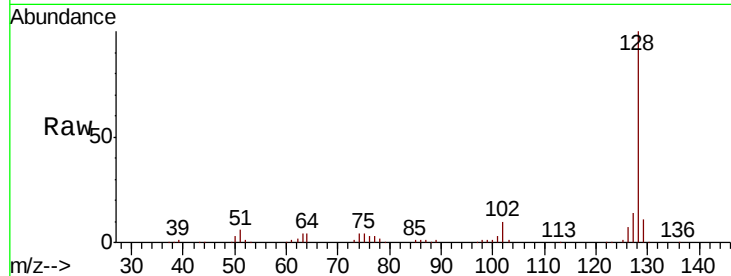




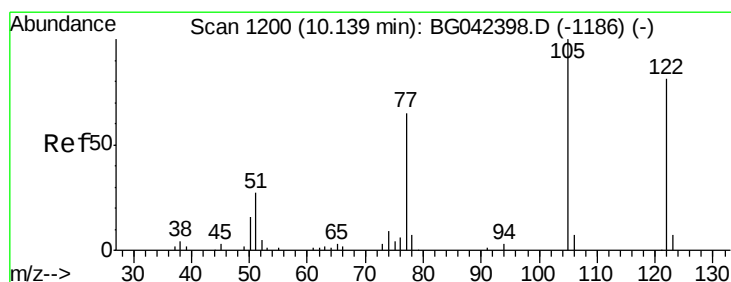
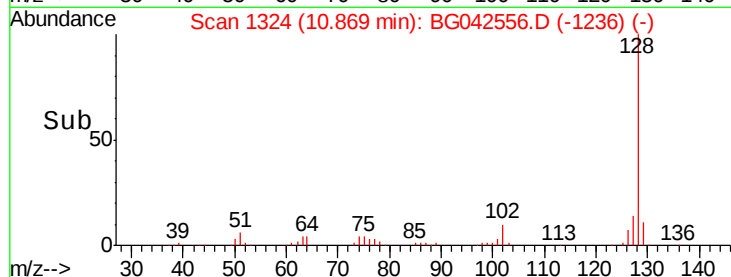
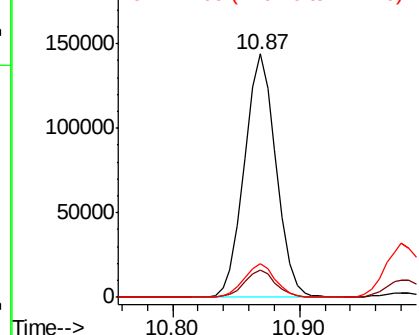
#31
Naphthalene
Concen: 40.491 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 248941
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.8 11.4 17.0

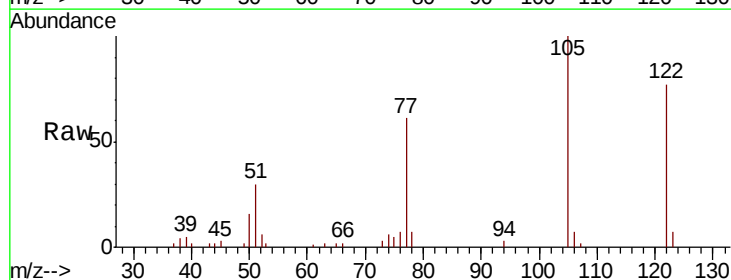


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

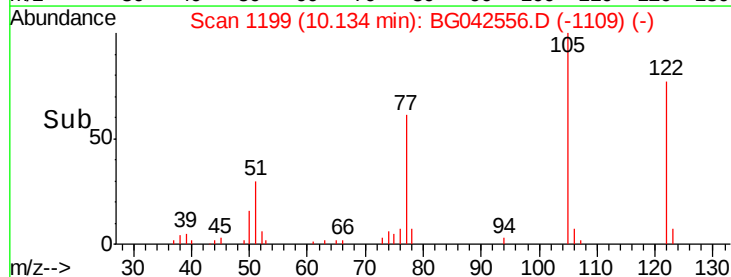
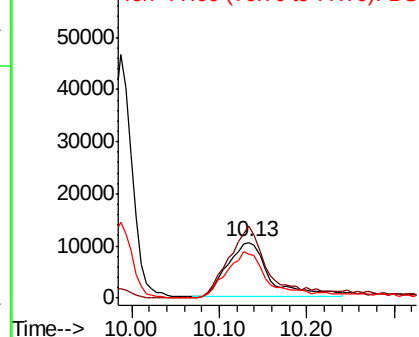


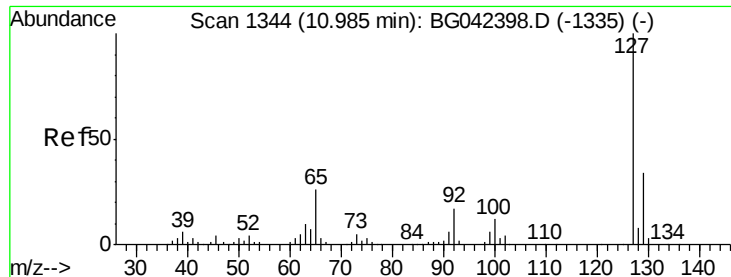
#32
Benzoic acid
Concen: 32.183 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:122 Resp: 35181
Ion Ratio Lower Upper
122 100
105 129.2 99.6 139.6
77 79.4 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

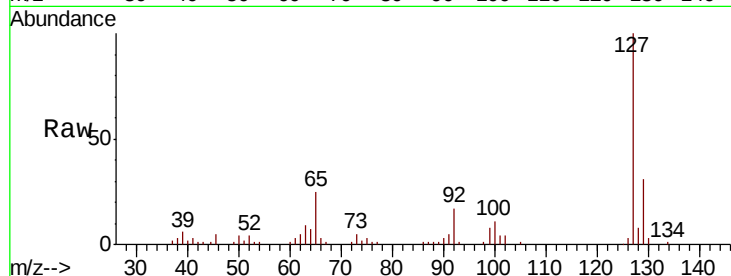




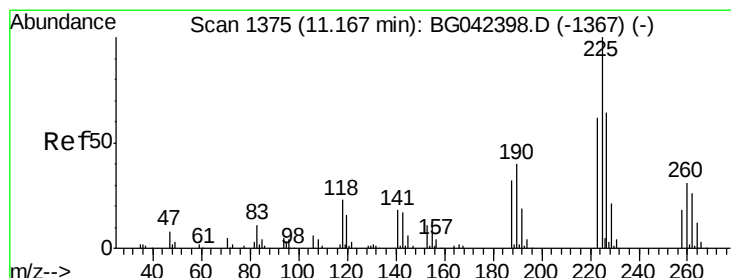
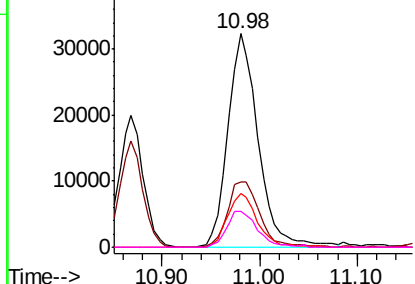
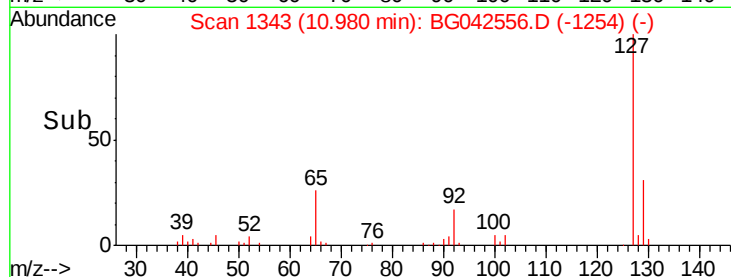
#33
4-Chloroaniline
Concen: 24.570 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	69732
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.8	40.2
65	25.4	20.7	31.1
92	16.7	13.6	20.4

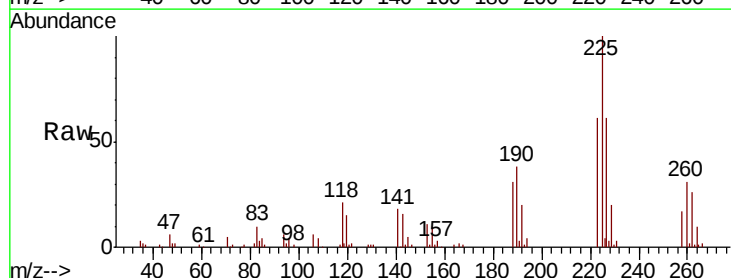


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

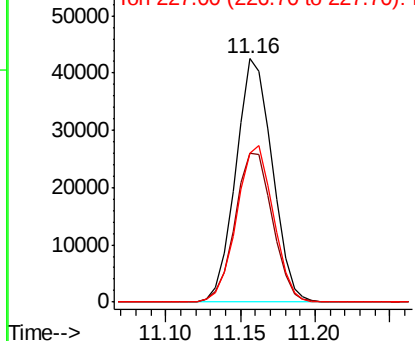
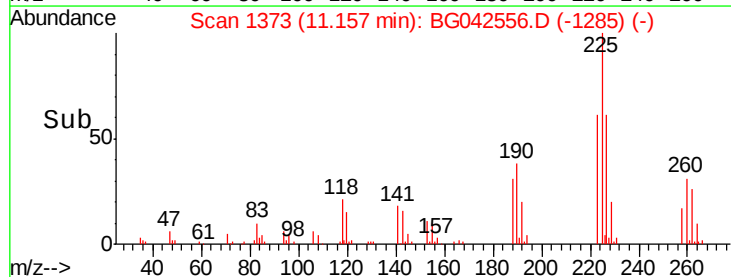


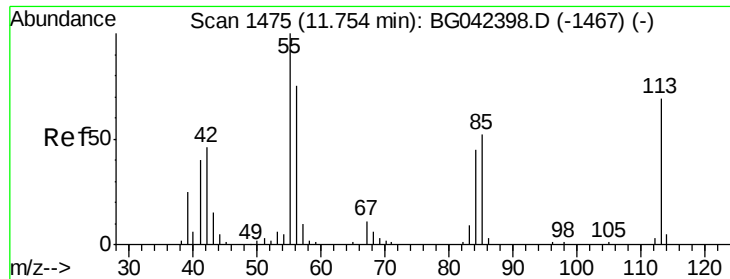
#34
Hexachlorobutadiene
Concen: 39.901 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:	225	Resp:	72139
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	60.9	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.304 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

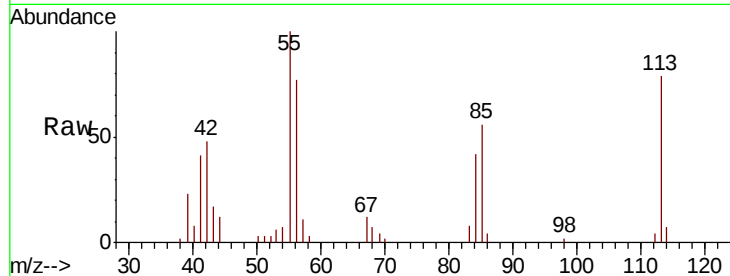
Tot Ion:113 Resp: 25818

Ion Ratio Lower Upper

113 100

55 127.3 124.6 164.6

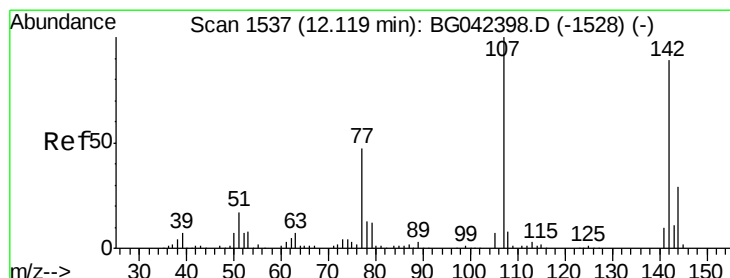
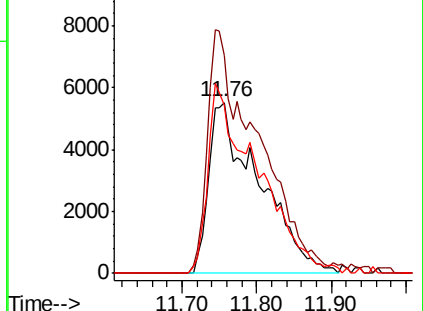
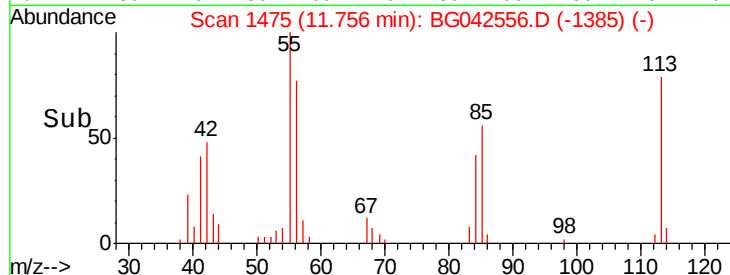
56 98.6 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.231 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

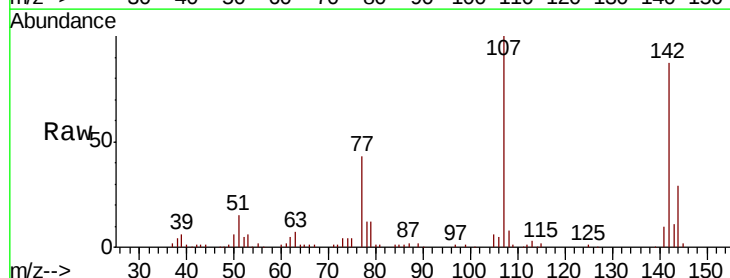
Tgt Ion:107 Resp: 85781

Ion Ratio Lower Upper

107 100

144 29.2 23.6 35.4

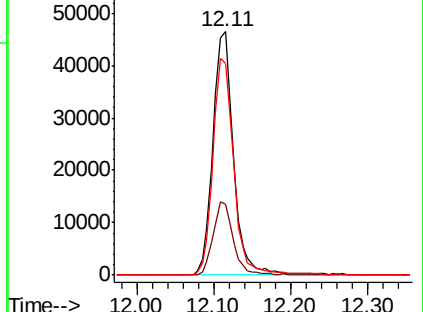
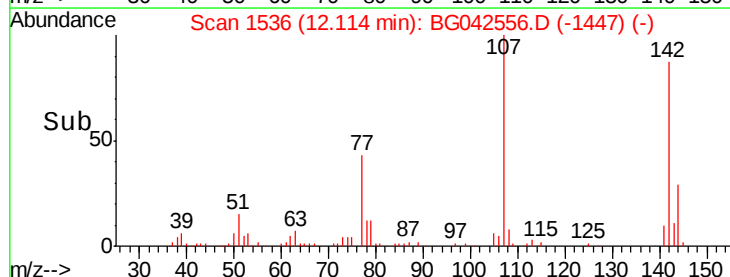
142 87.1 71.0 106.4

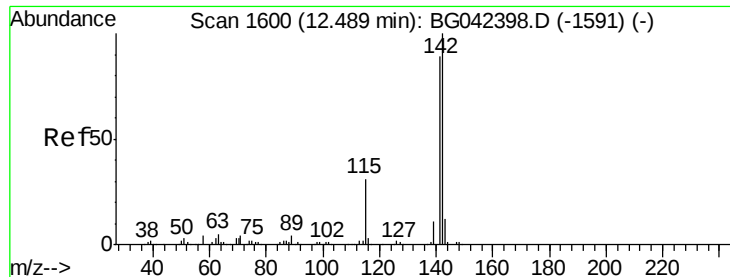


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

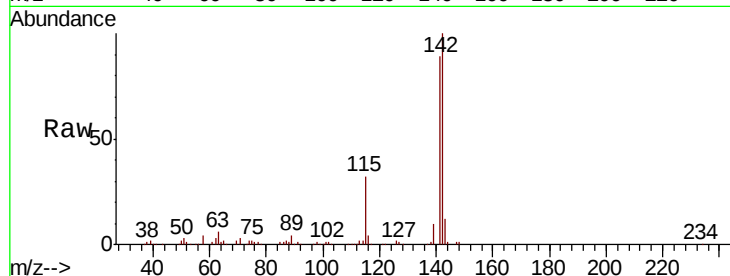




#37
2-Methylnaphthalene
Concen: 40.950 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	32.0	25.2	37.8

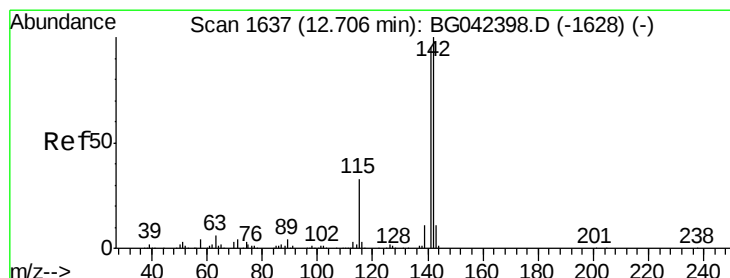
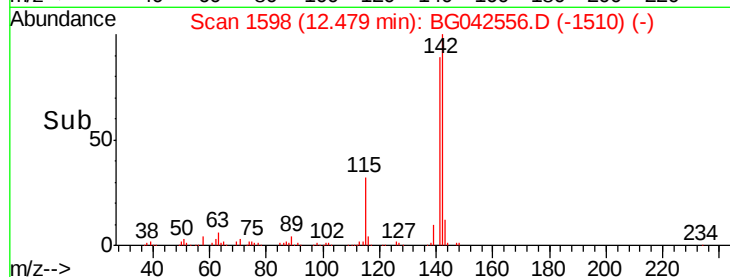
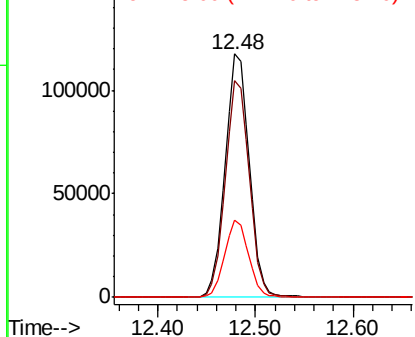


Abundance

Ion 142.00 (141.70 to 142.70): E

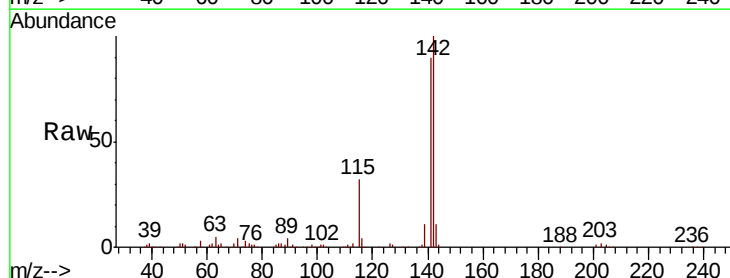
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.666 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	76.2	114.2
116	3.8	2.8	4.2

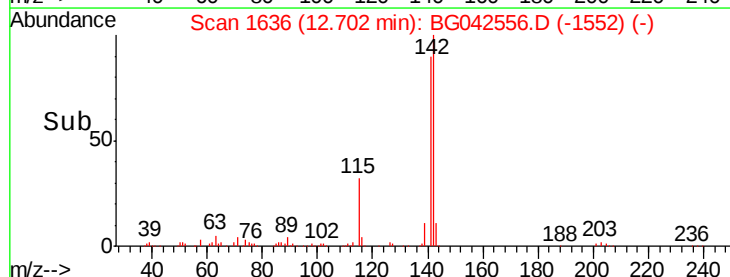
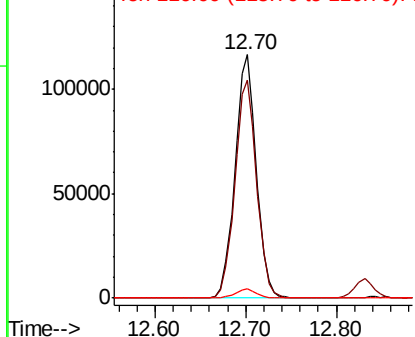


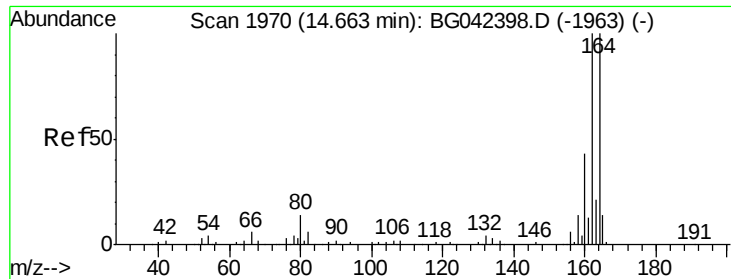
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

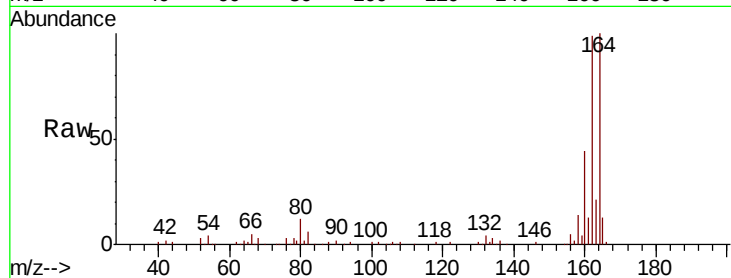
Tot Ion:164 Resp: 98266

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

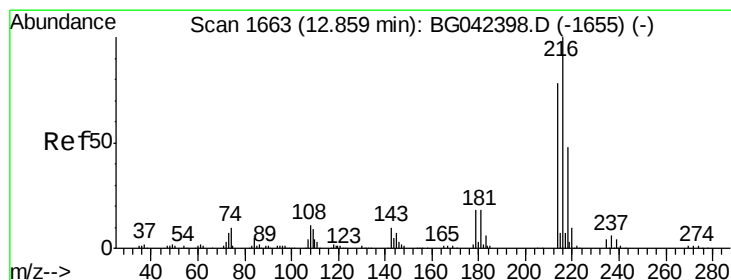
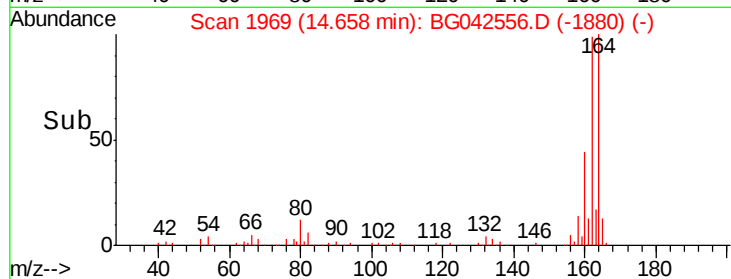
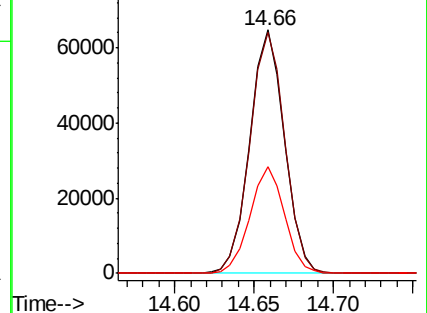
160 44.0 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.294 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion:216 Resp: 133465

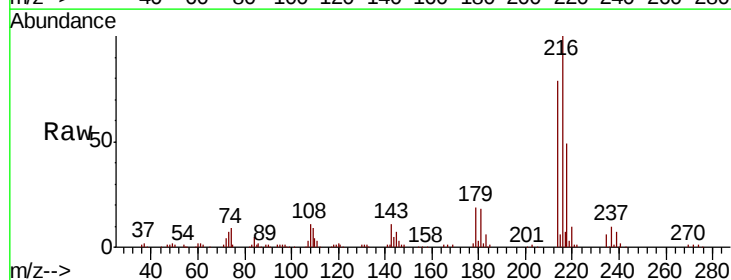
Ion Ratio Lower Upper

216 100

214 77.5 61.4 92.2

179 18.9 15.1 22.7

108 12.6 9.4 14.0

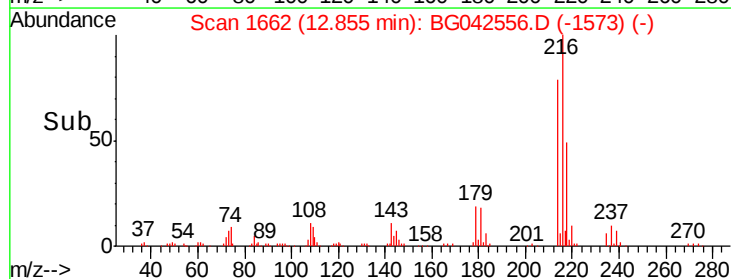
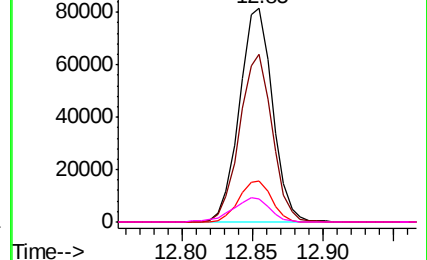


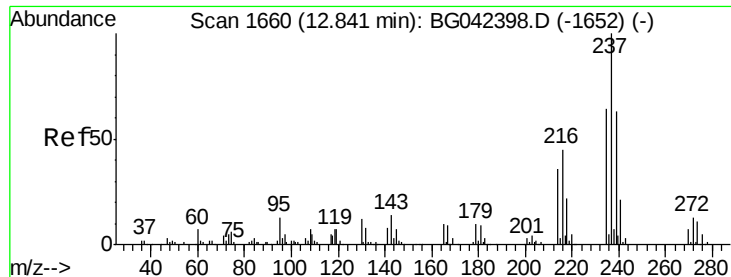
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

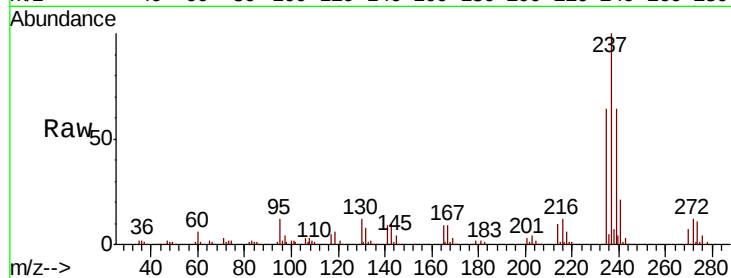




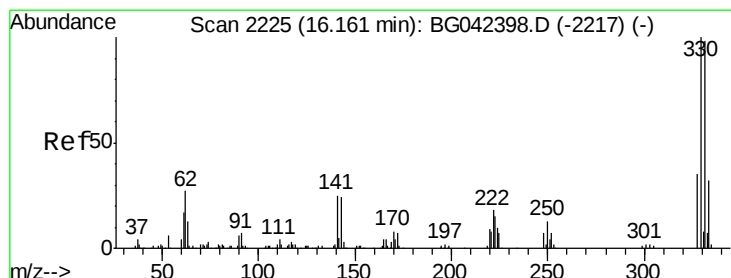
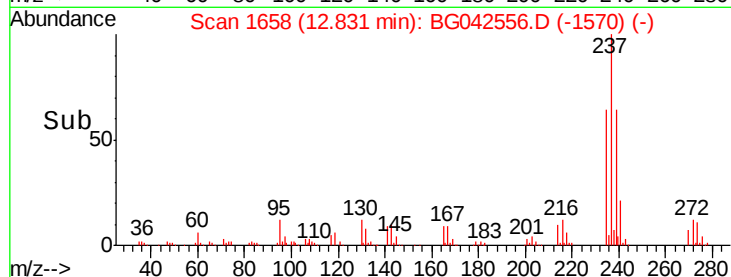
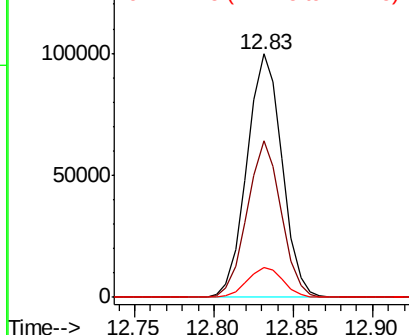
#41
Hexachlorocyclopentadiene
Concen: 92.550 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 153414
Ion Ratio Lower Upper
237 100
235 64.3 43.7 83.7
272 12.5 0.0 33.3

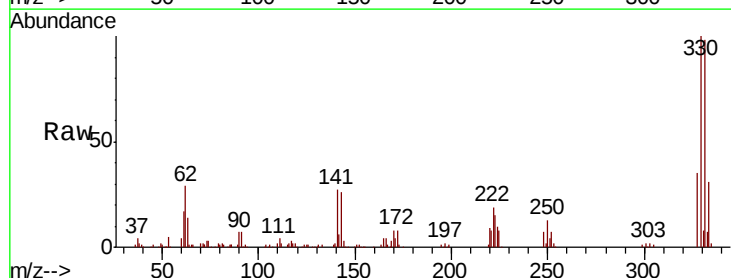


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

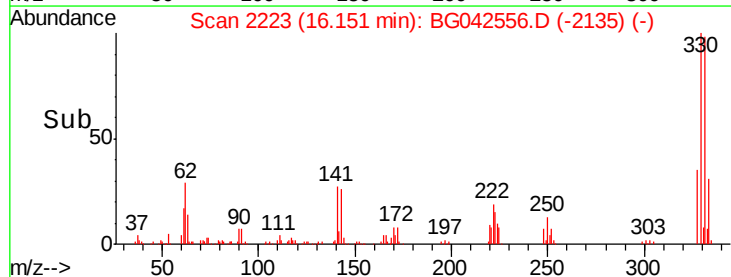
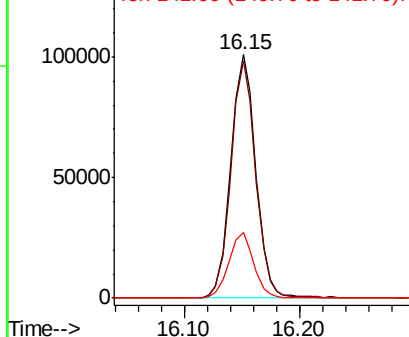


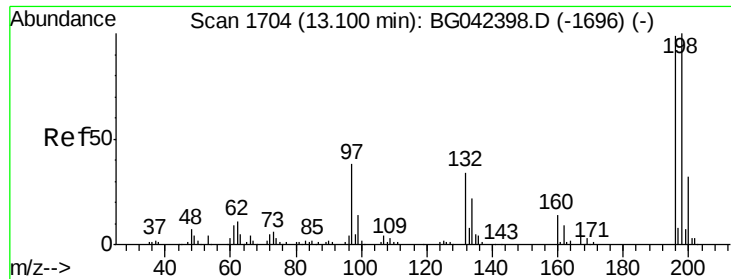
#42
2,4,6-Tribromophenol
Concen: 108.559 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:330 Resp: 151623
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 26.8 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

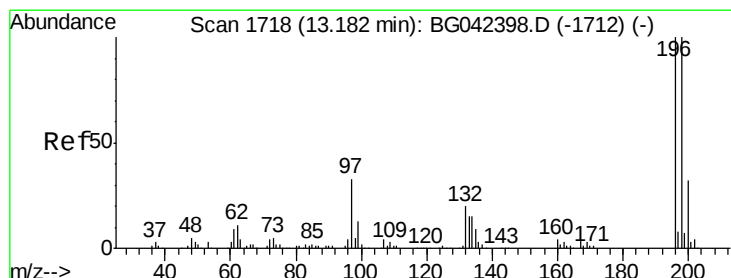
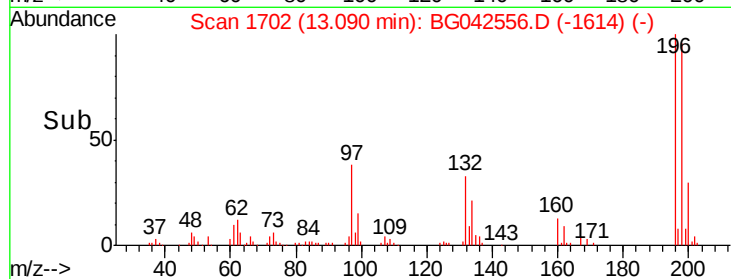
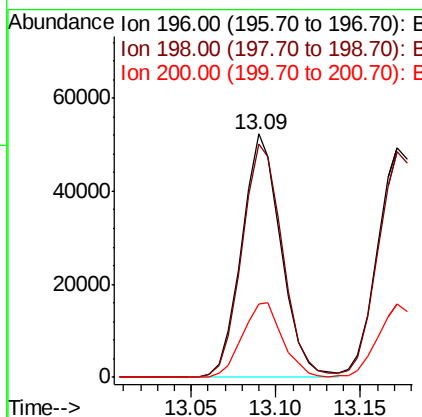
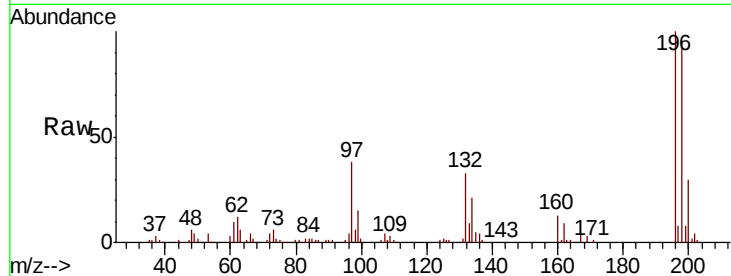




#43
 2,4,6-Trichlorophenol
 Concen: 39.790 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

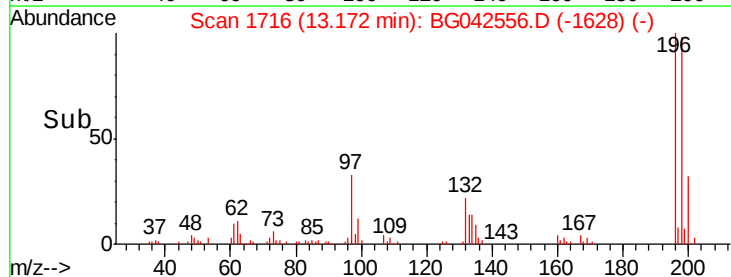
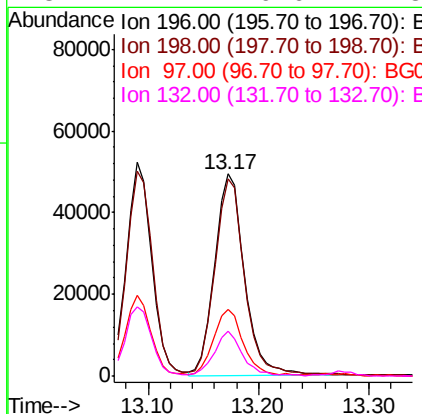
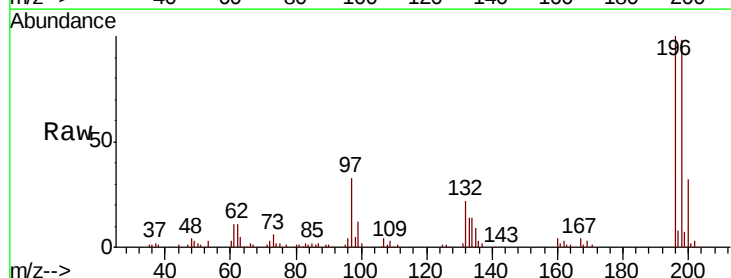
Instrument :
 BNA_G
 ClientSampleId :

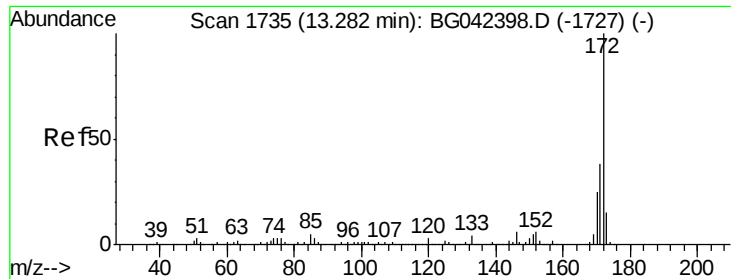
Tot Ion:196 Resp: 84873
 Ion Ratio Lower Upper
 196 100
 198 95.6 80.7 121.1
 200 30.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.795 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion:196 Resp: 92384
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.2 120.4
 97 32.8 26.3 39.5
 132 22.1 16.6 24.8

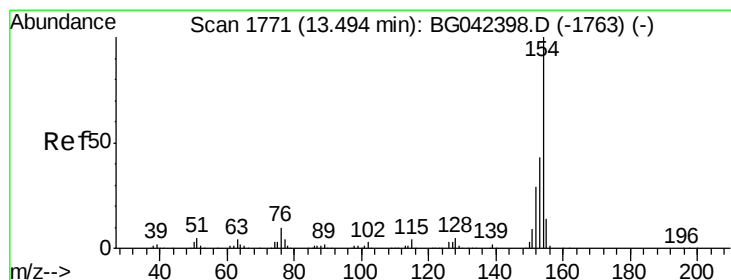
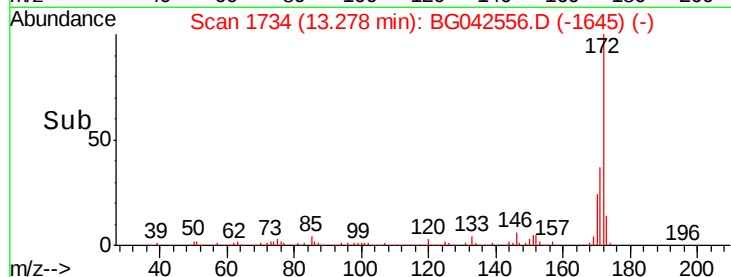
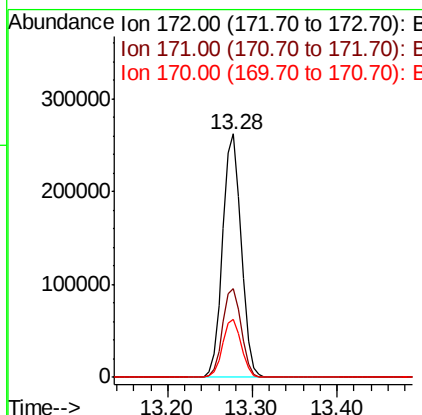
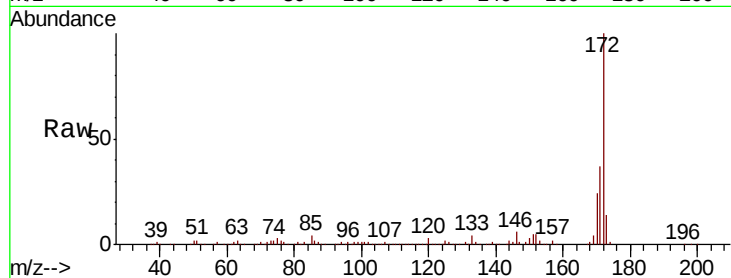




#45
 2-Fluorobiphenyl
 Concen: 68.834 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

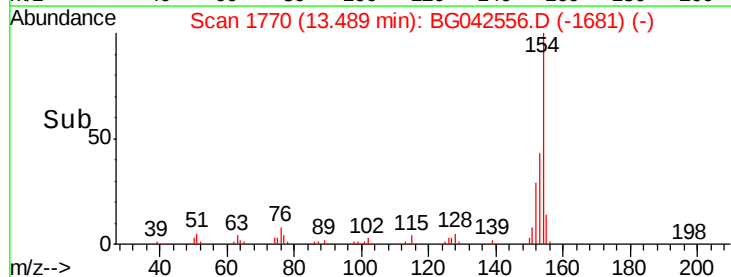
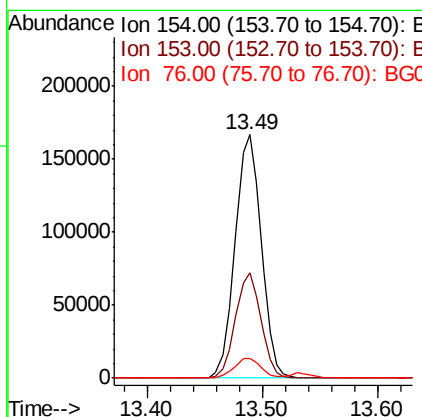
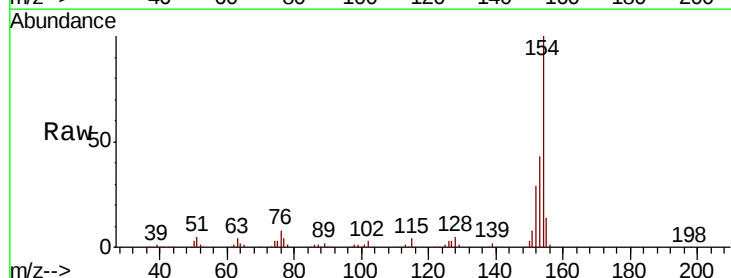
Instrument :
 BNA_G
 ClientSampleId :

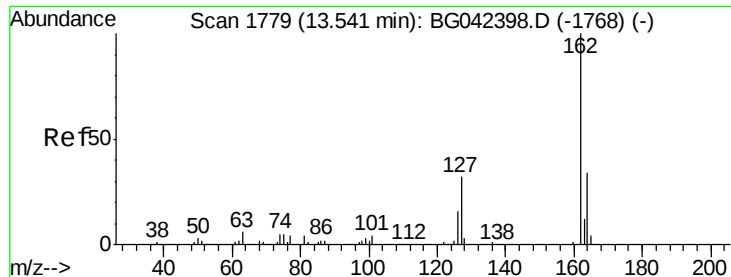
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 41.241 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	8.2	0.0	29.6

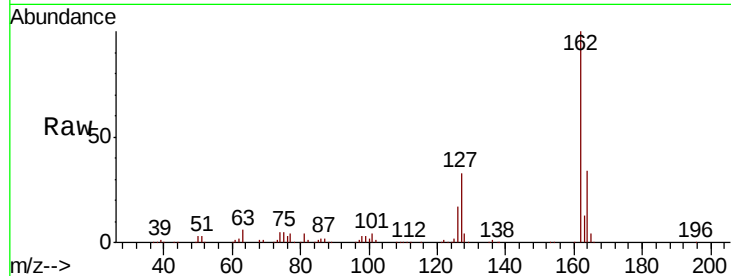




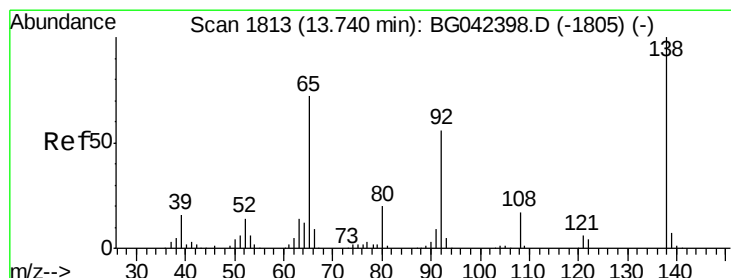
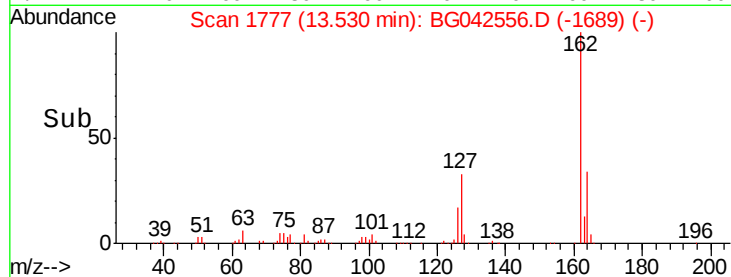
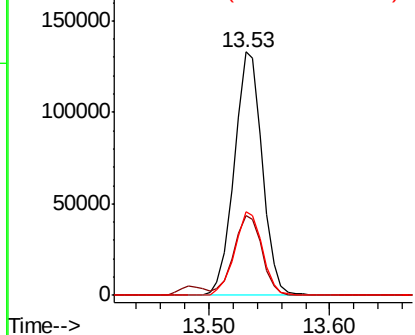
#47
2-Chloronaphthalene
Concen: 39.197 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.6	26.0	39.0
164	34.3	27.4	41.0

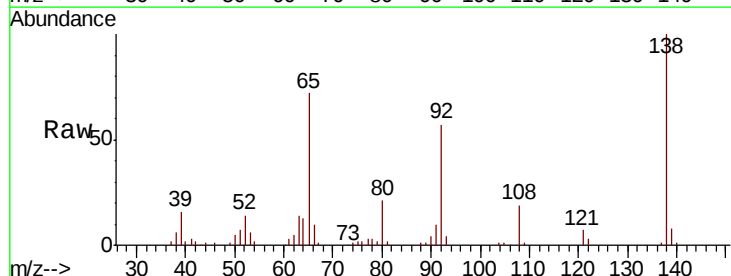


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

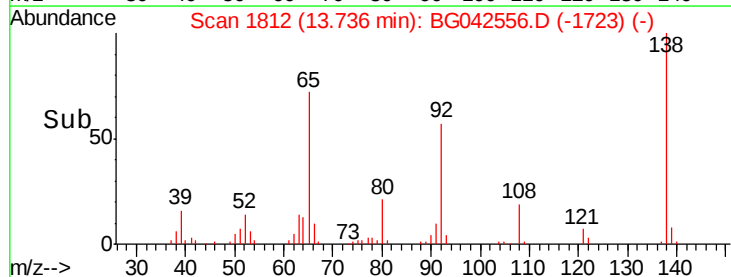
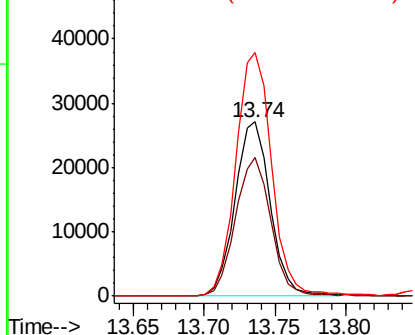


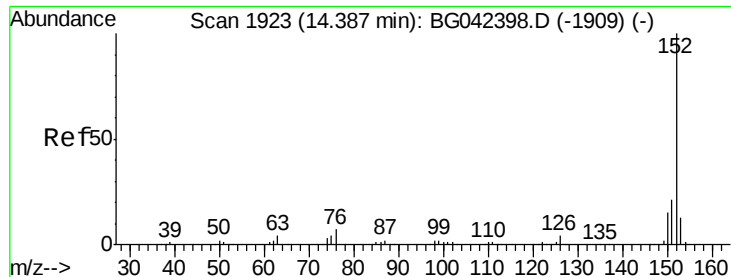
#48
2-Nitroaniline
Concen: 35.840 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.7	61.8	92.6
138	139.8	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.499 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

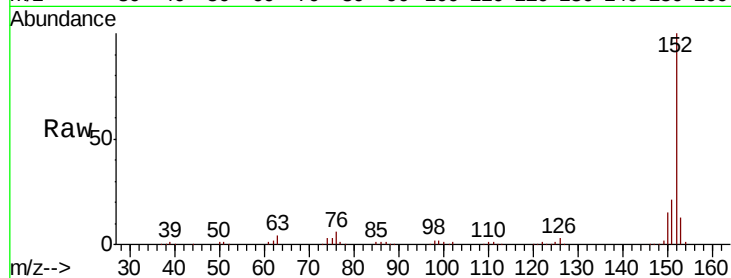
Tot Ion:152 Resp: 341954

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

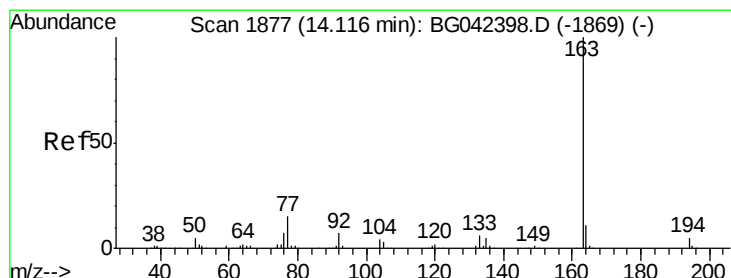
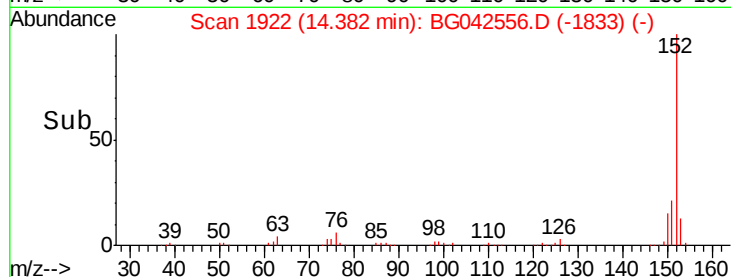
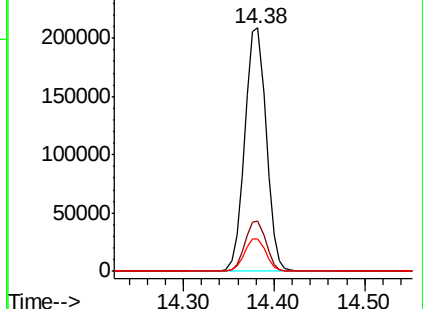
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.598 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

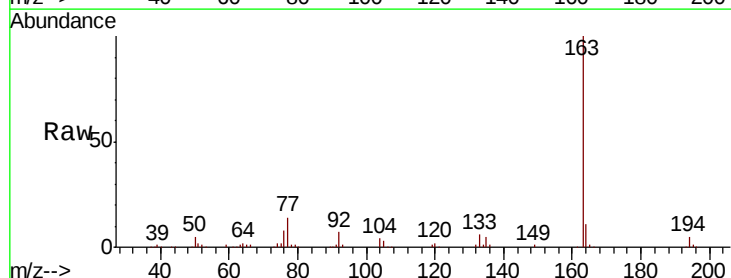
Tgt Ion:163 Resp: 273672

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

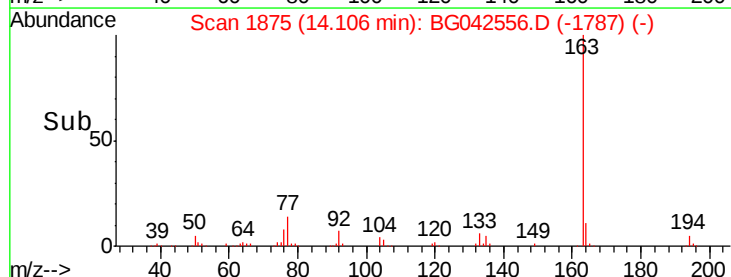
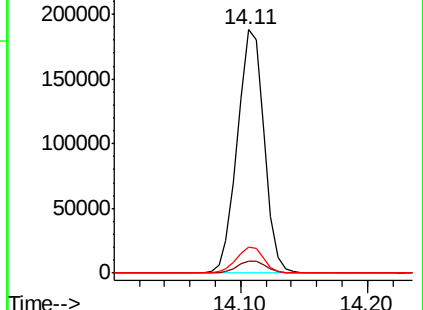
164 10.7 8.8 13.2

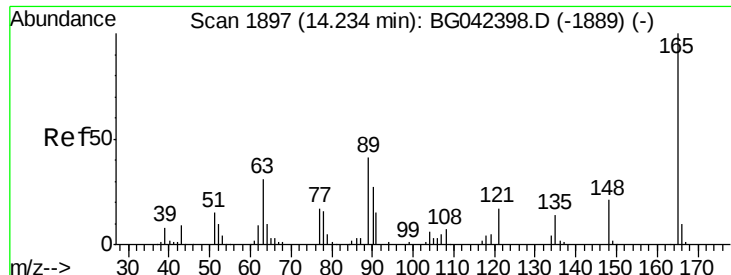


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

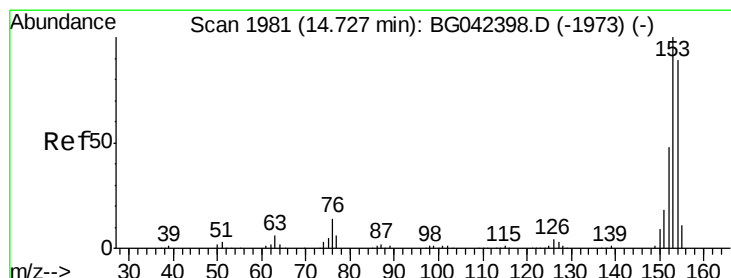
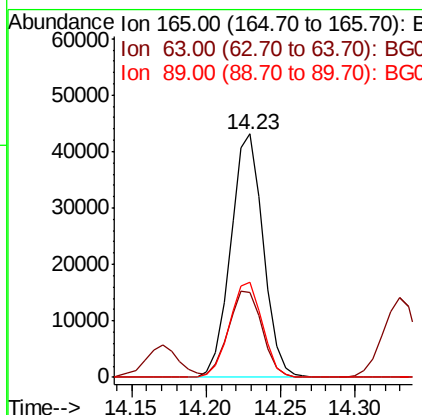
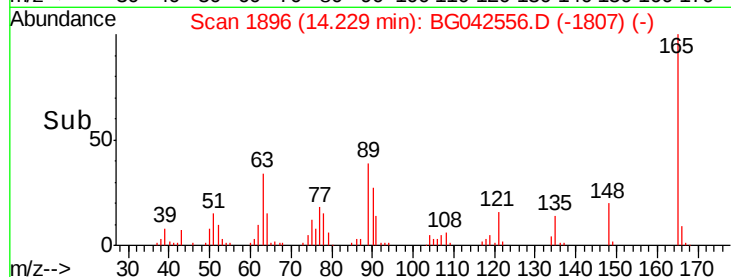
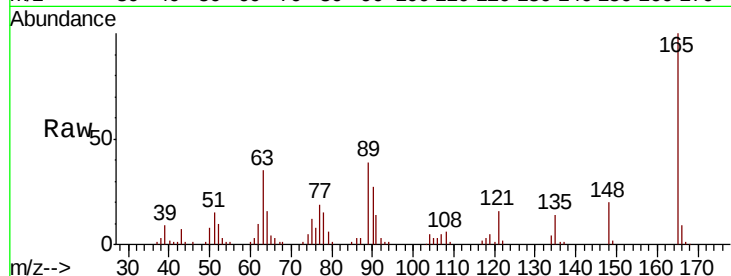




#51
 2,6-Dinitrotoluene
 Concen: 39.888 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

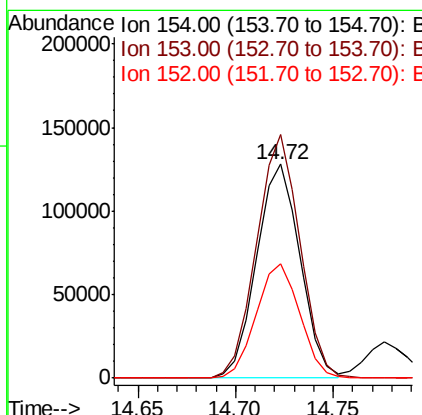
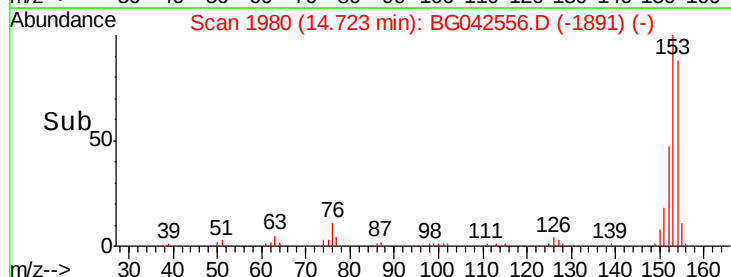
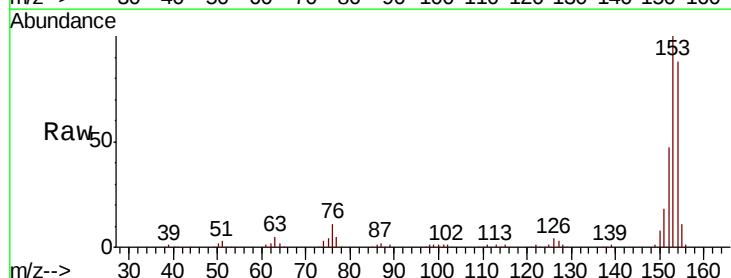
Instrument :
 BNA_G
 ClientSampleId :

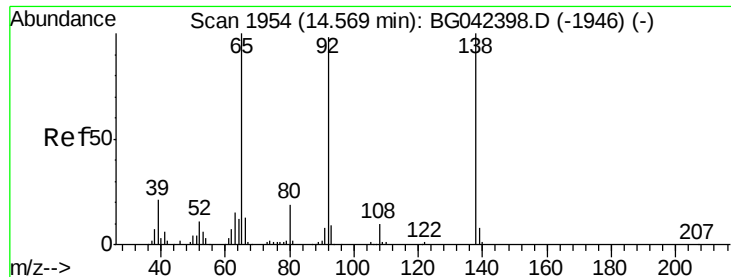
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.1	30.6	45.8
89	39.1	32.6	49.0



#52
 Acenaphthene
 Concen: 39.595 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.2	135.4
152	53.3	43.2	64.8

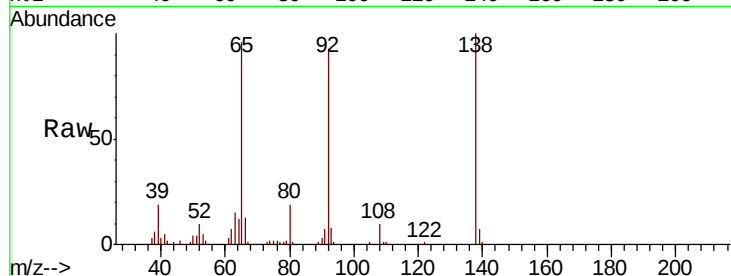




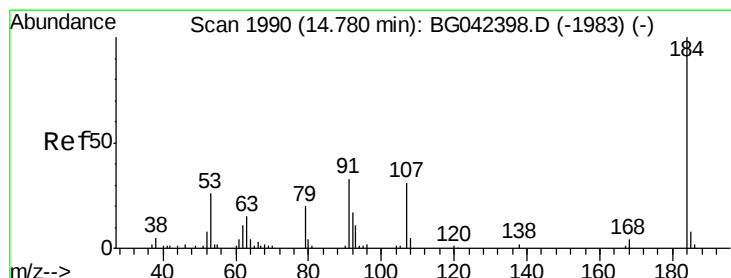
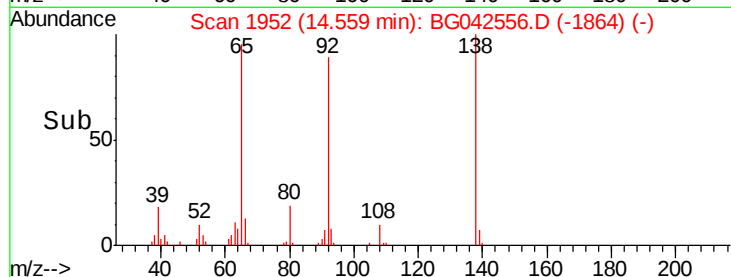
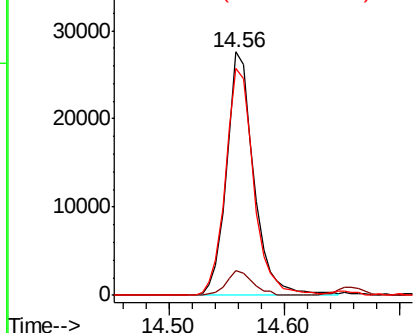
#53
3-Nitroaniline
Concen: 27.514 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 45222
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 93.1 78.2 117.4

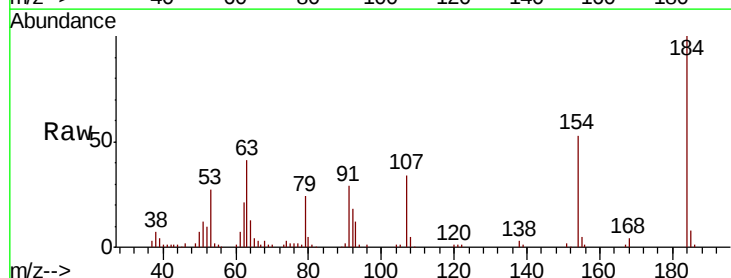


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

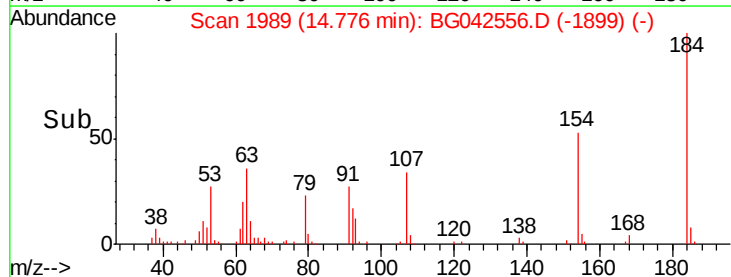
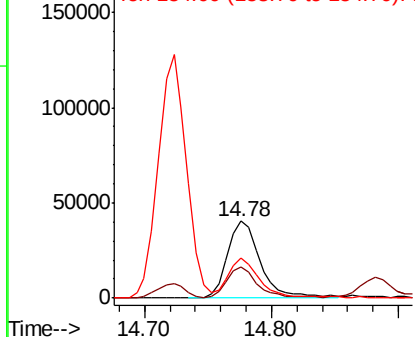


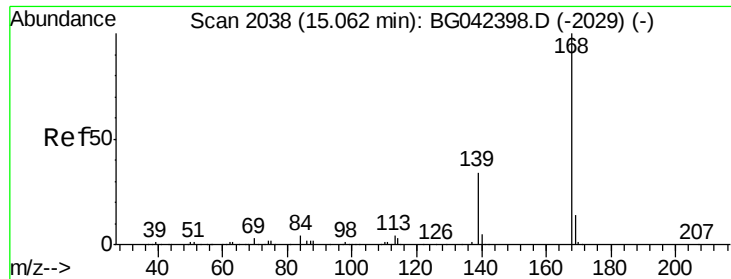
#54
2,4-Dinitrophenol
Concen: 67.039 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:184 Resp: 73050
Ion Ratio Lower Upper
184 100
63 40.8 31.7 47.5
154 52.8 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

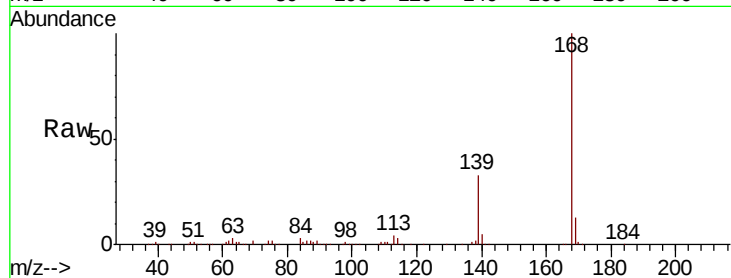




#55
Dibenzenofuran
Concen: 41.477 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.4	27.2	40.8
169	13.4	11.5	17.3

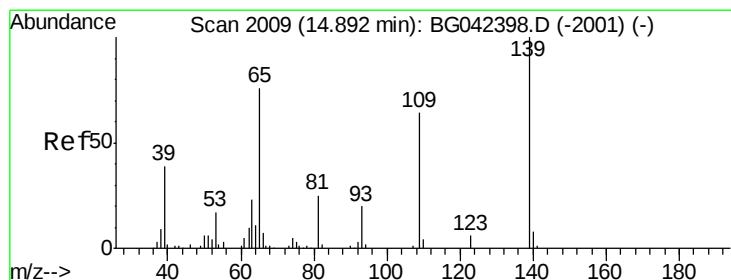
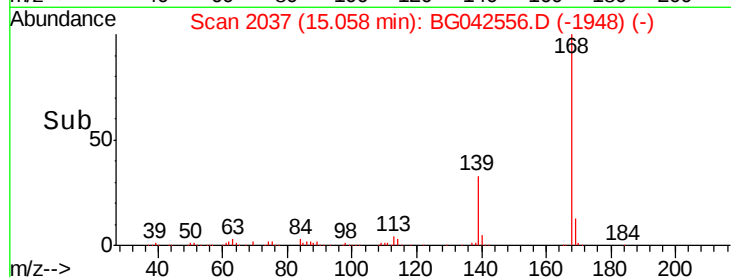
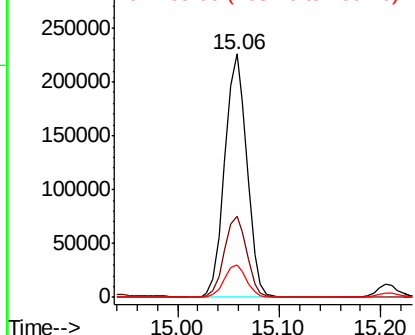


Abundance

Ion 168.00 (167.70 to 168.70): E

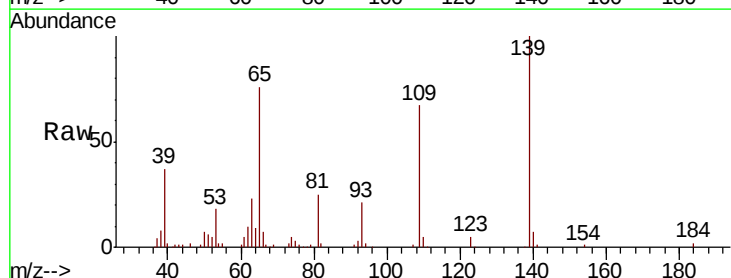
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.802 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	43.9	83.9
65	75.9	56.3	96.3

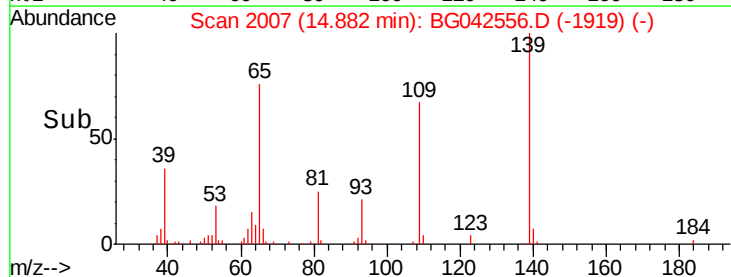
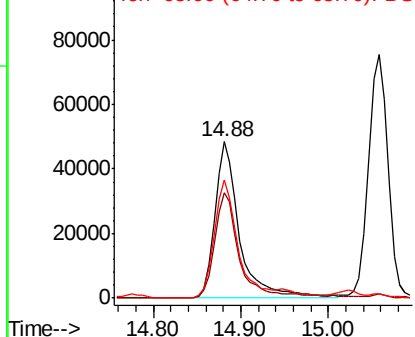


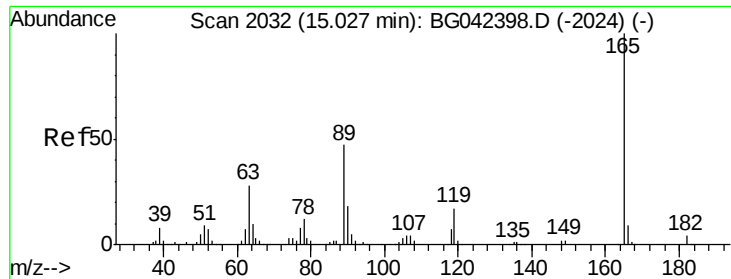
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

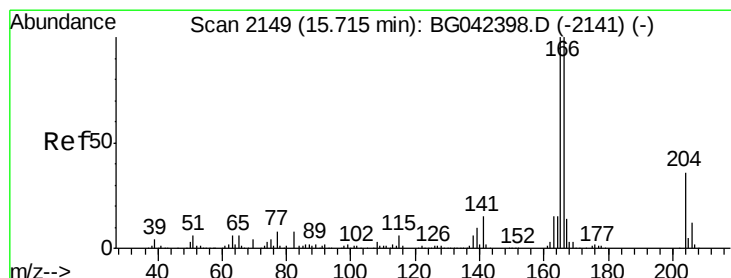
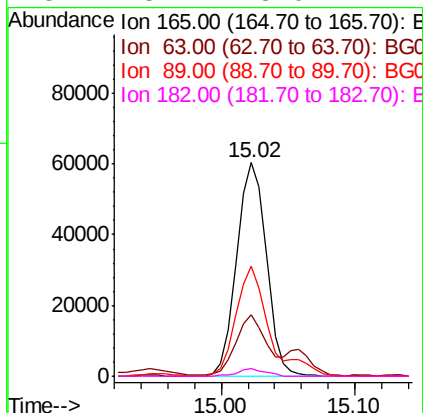
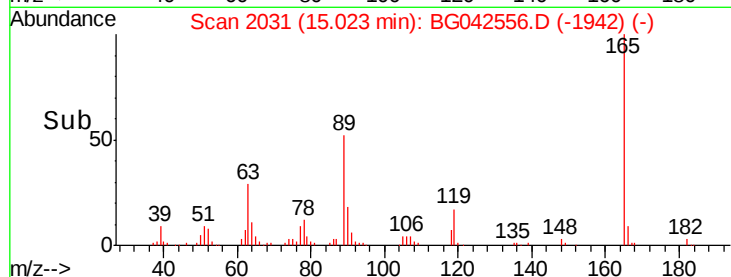
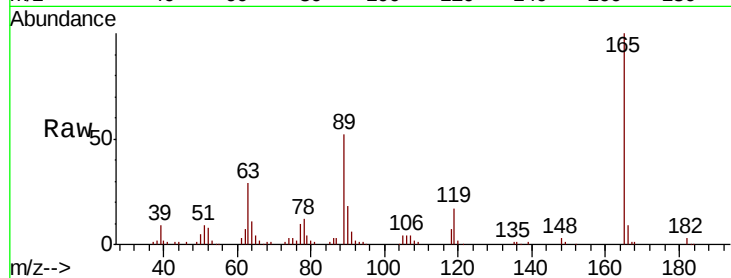




#57
 2,4-Dinitrotoluene
 Concen: 39.507 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

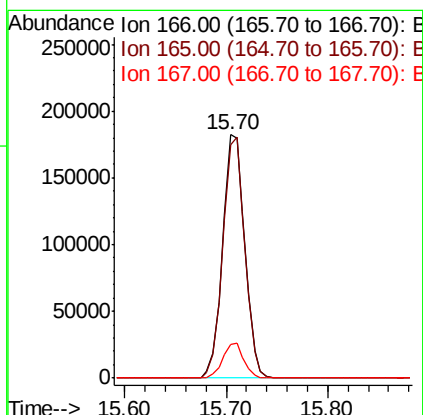
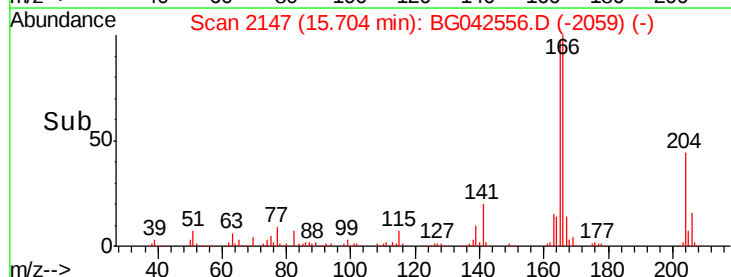
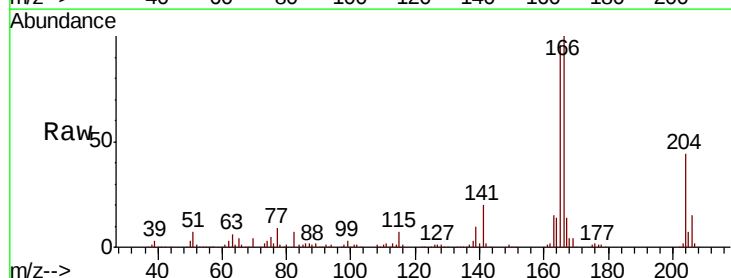
Instrument :
 BNA_G
 ClientSampled :

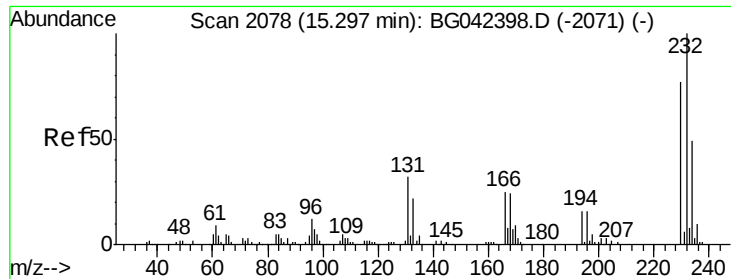
Tot Ion:165	Resp:	92977
Ion Ratio	Lower	Upper
165	100	
63	28.5	22.5 33.7
89	51.6	37.8 56.6
182	3.4	3.0 4.4



#58
 Fluorene
 Concen: 40.763 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion:166	Resp:	275977
Ion Ratio	Lower	Upper
166	100	
165	96.0	79.7 119.5
167	13.8	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.194 ng

RT: 15.29 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 92234

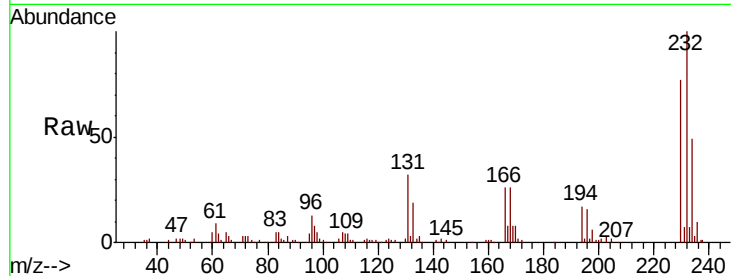
Ion Ratio Lower Upper

232 100

131 31.8 22.9 34.3

130 1.5 1.4 2.0

166 25.4 17.0 25.4

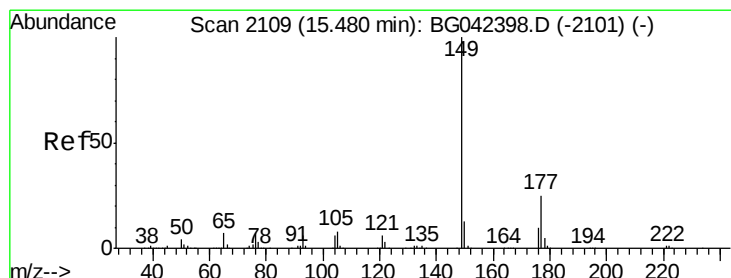
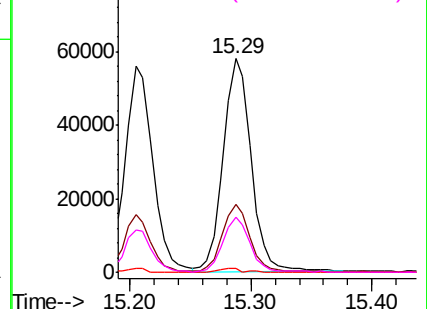
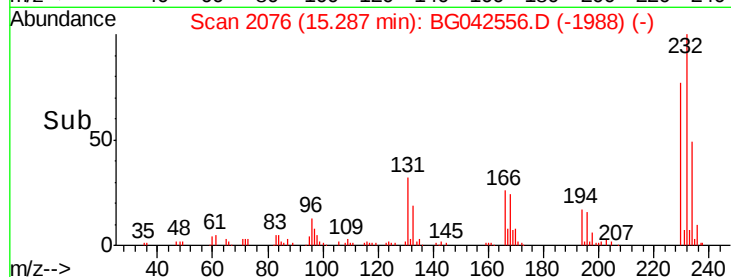


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.870 ng

RT: 15.47 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

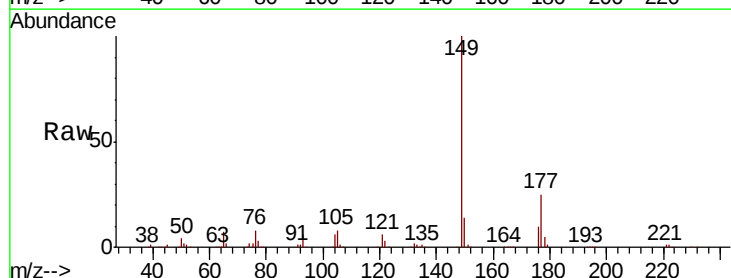
Tgt Ion:149 Resp: 269411

Ion Ratio Lower Upper

149 100

177 24.7 20.4 30.6

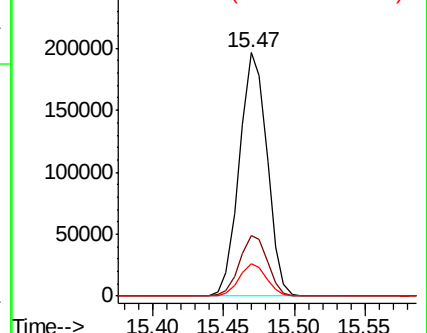
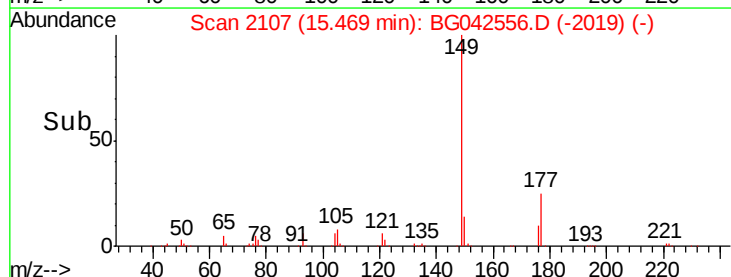
150 13.6 10.3 15.5

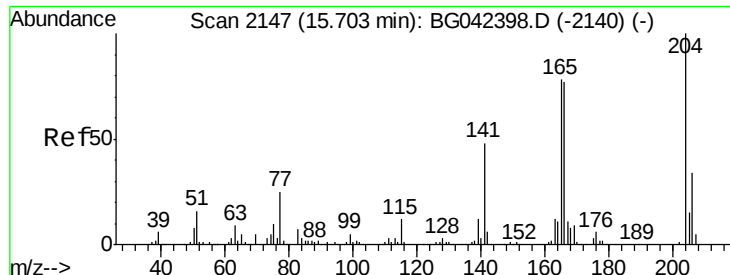


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

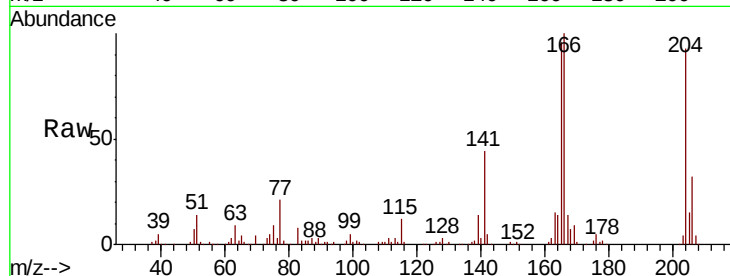




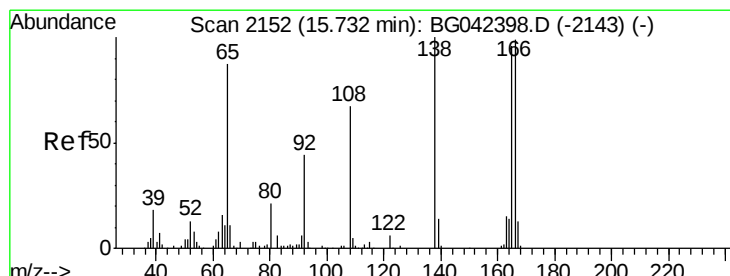
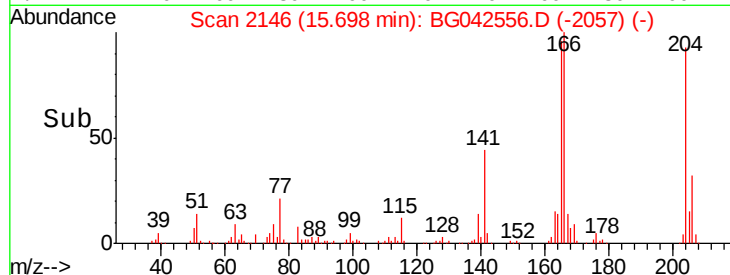
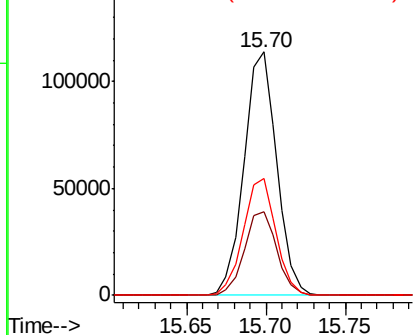
#61
 4-Chlorophenyl-phenylether
 Concen: 39.804 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 162449
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.2 40.8
 141 47.8 38.7 58.1

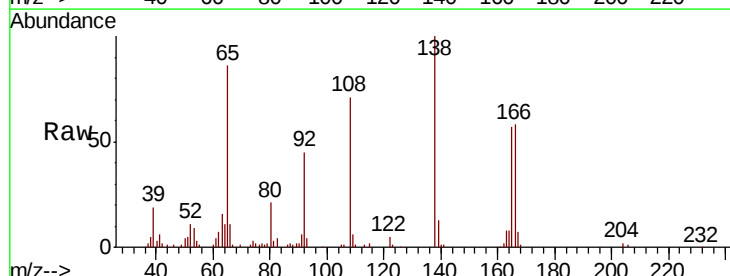


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

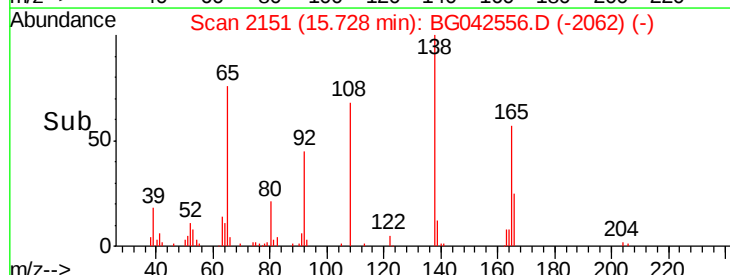
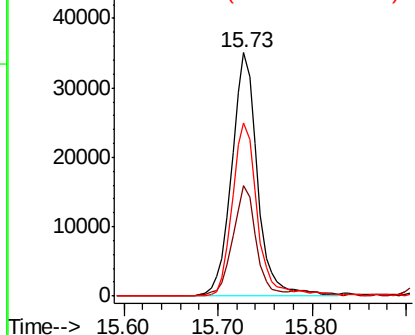


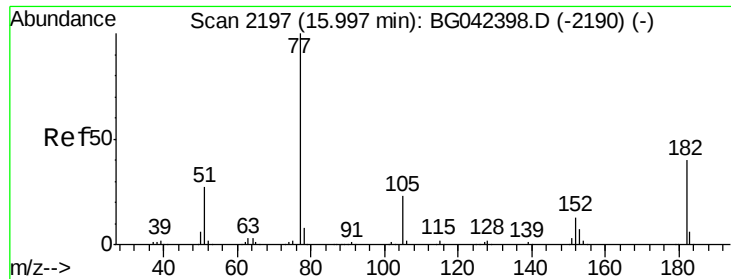
#62
 4-Nitroaniline
 Concen: 38.281 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion:138 Resp: 67339
 Ion Ratio Lower Upper
 138 100
 92 45.4 24.2 64.2
 108 71.1 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.778 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

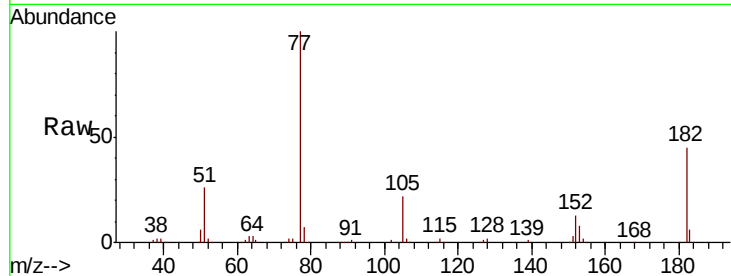
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 184171

Ion	Ratio	Lower	Upper
77	100		
182	44.7	19.9	59.9
105	22.2	2.9	42.9
51	26.0	7.6	47.6

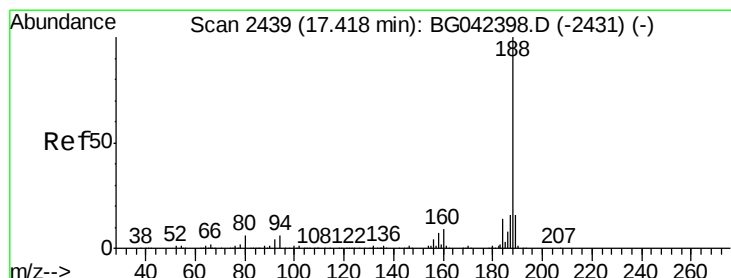
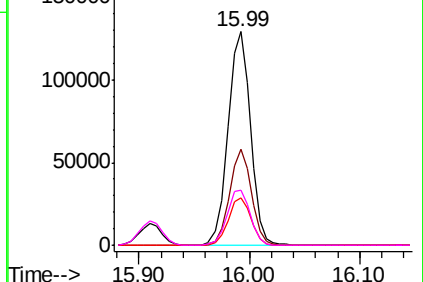
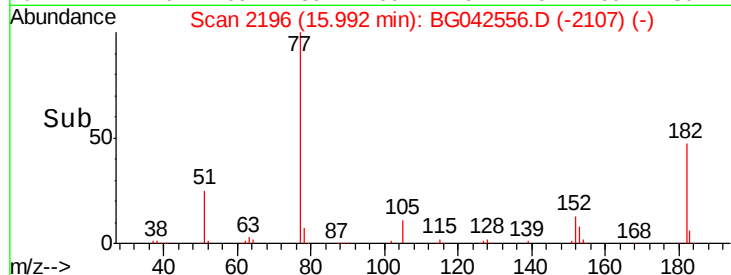


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

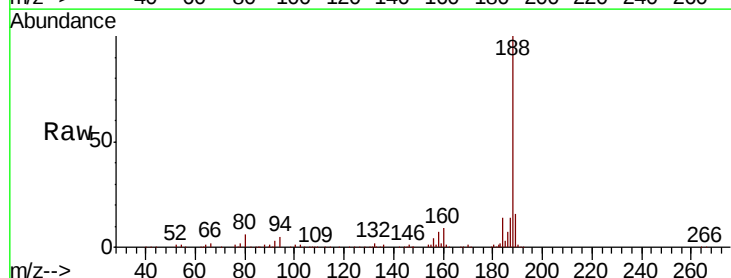
Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion: 188 Resp: 228894

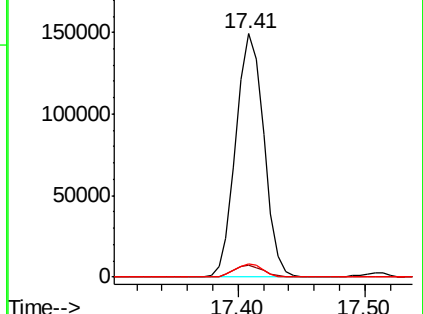
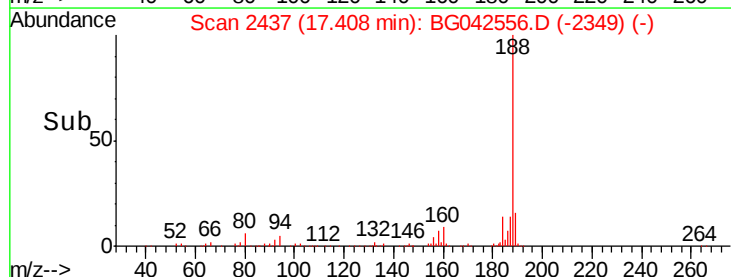
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	5.6	4.9	7.3

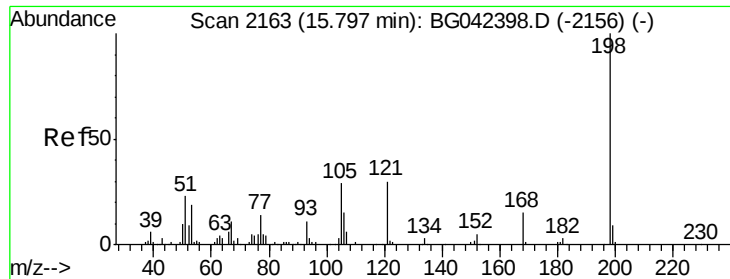


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.316 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

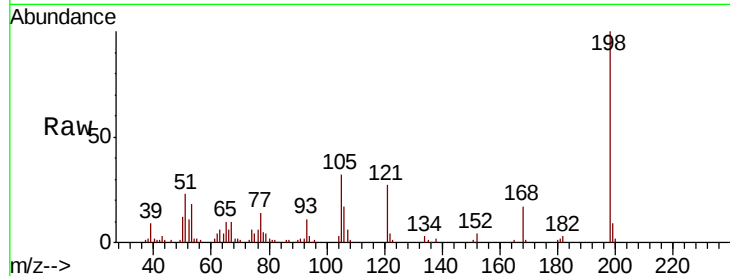
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 60726

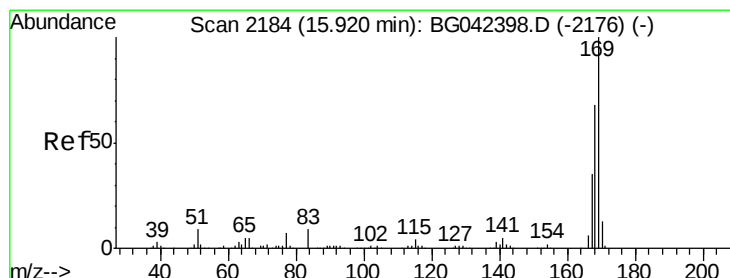
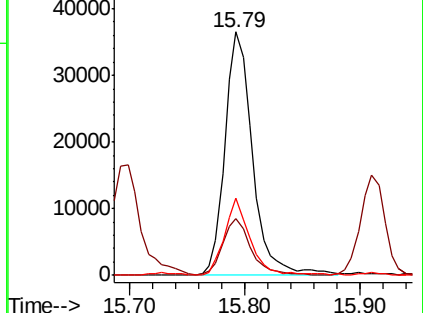
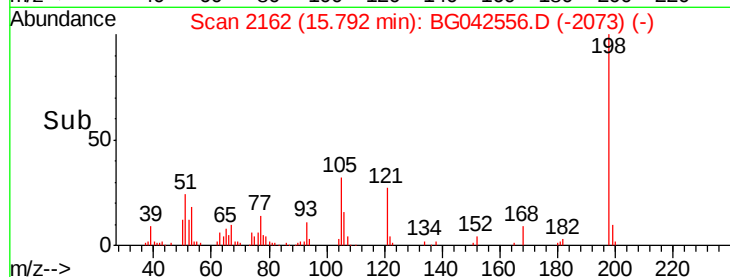
Ion	Ratio	Lower	Upper
198	100		
51	23.3	4.2	44.2
105	31.7	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.478 ng

RT: 15.91 min Scan# 2182

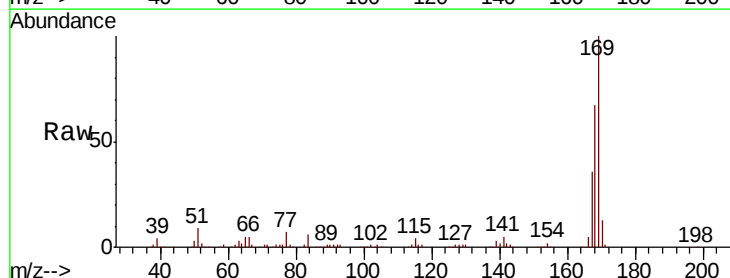
Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion:169 Resp: 254801

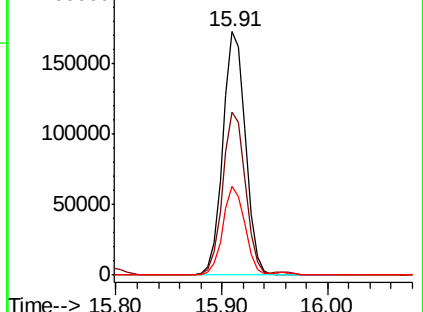
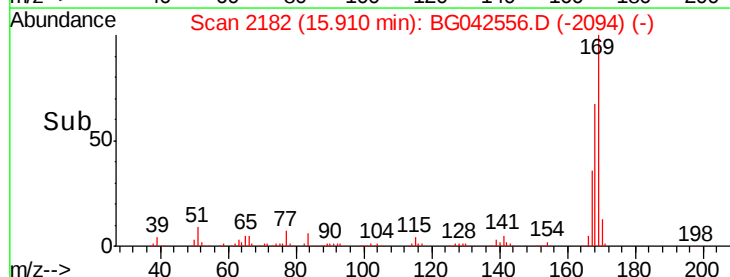
Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.3	81.5
167	36.2	28.2	42.2

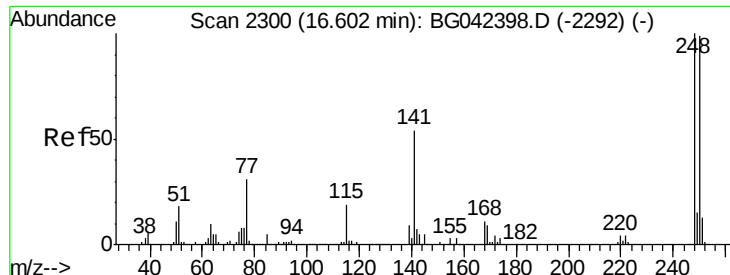


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

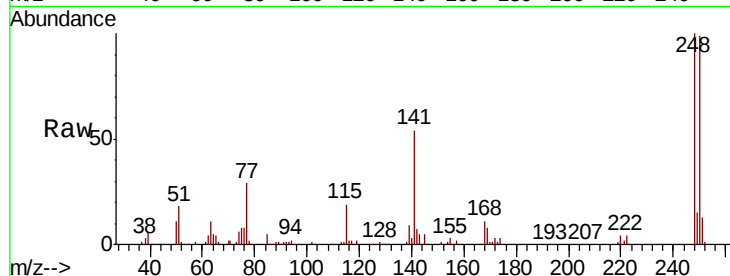




#67
 4-Bromophenyl-phenylether
 Concen: 39.229 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.9	118.3
141	54.0	43.3	64.9

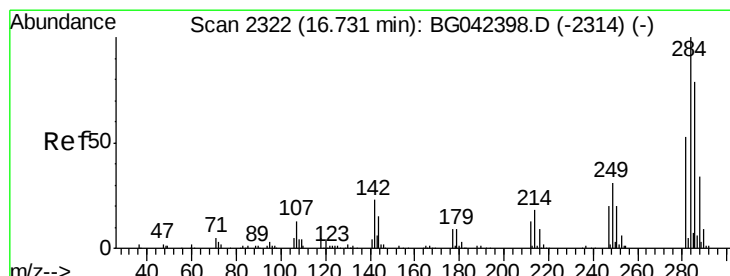
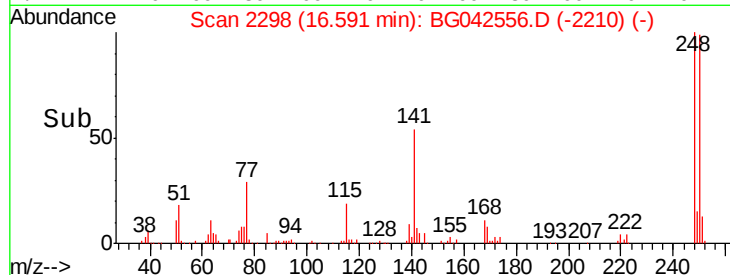
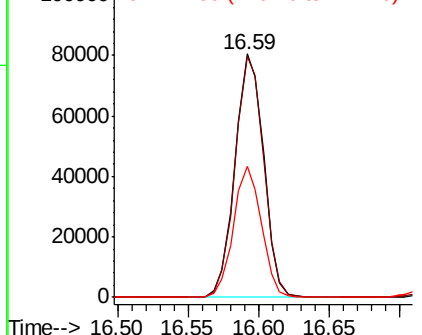


Abundance

Ion 248.00 (247.70 to 248.70): E

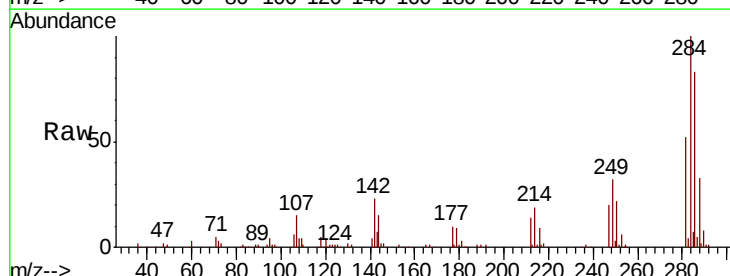
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.334 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.1	18.2	27.4
249	32.1	25.0	37.4

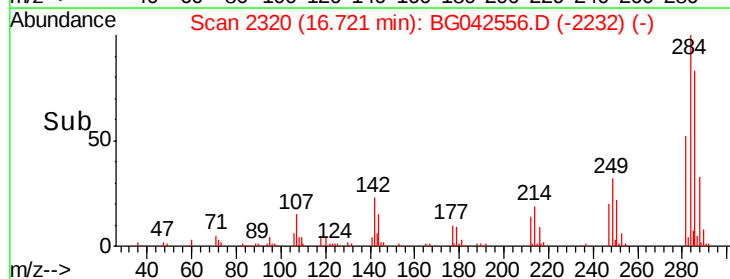
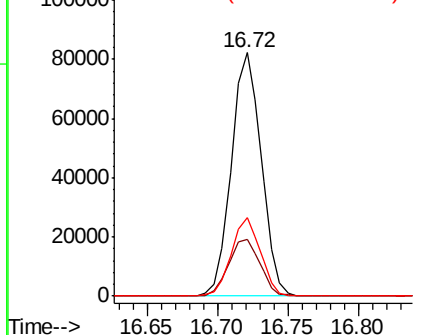


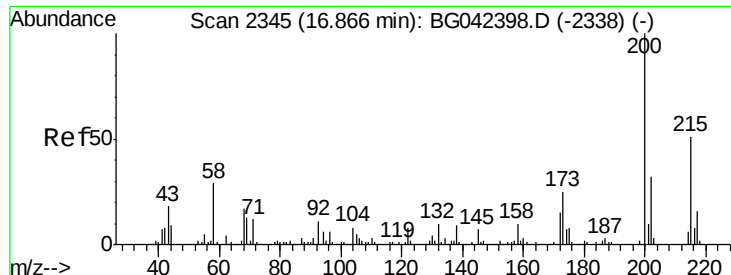
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

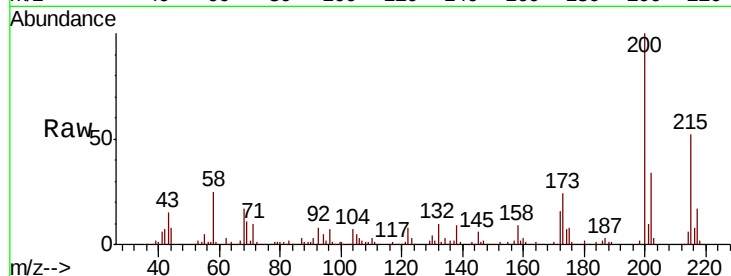




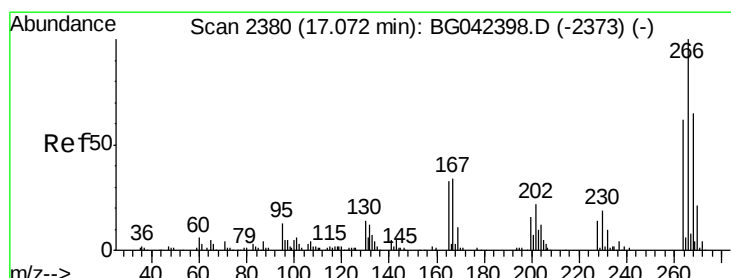
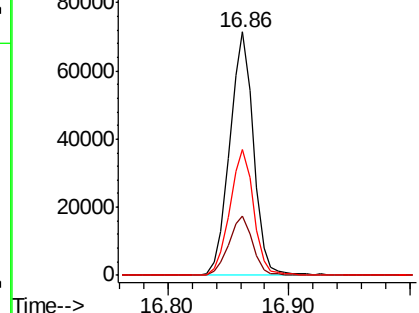
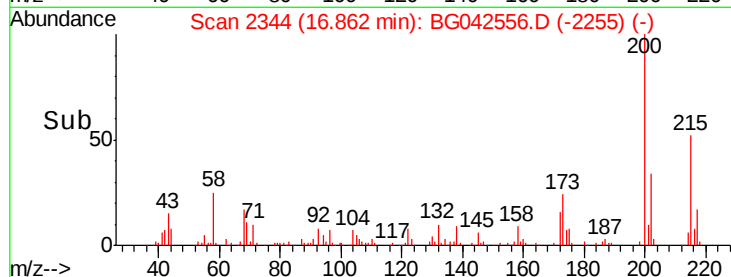
#69
 Atrazine
 Concen: 43.830 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.9	44.9
215	51.7	30.7	70.7

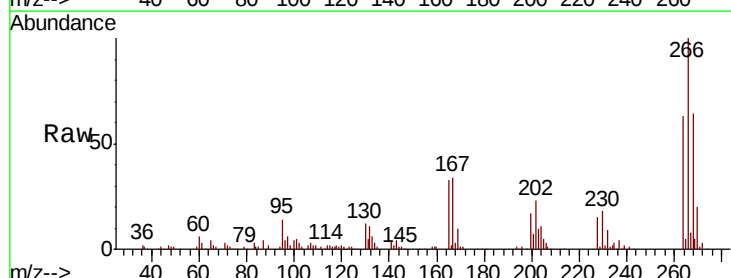


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

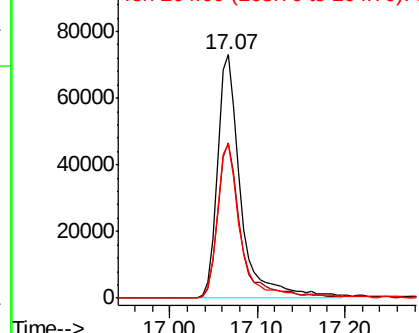
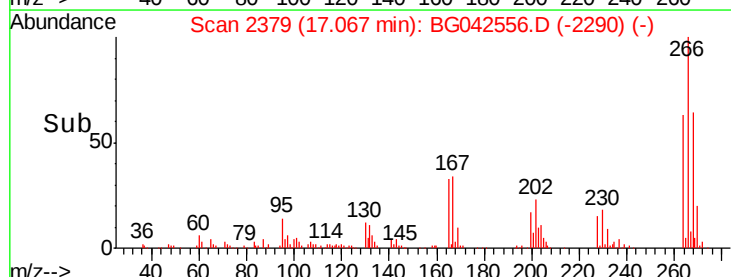


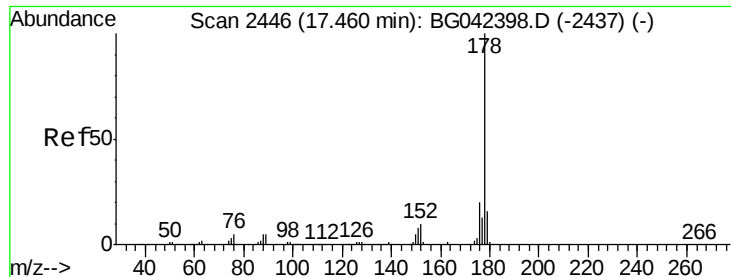
#70
 Pentachlorophenol
 Concen: 82.709 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.1	78.1
264	63.4	49.4	74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

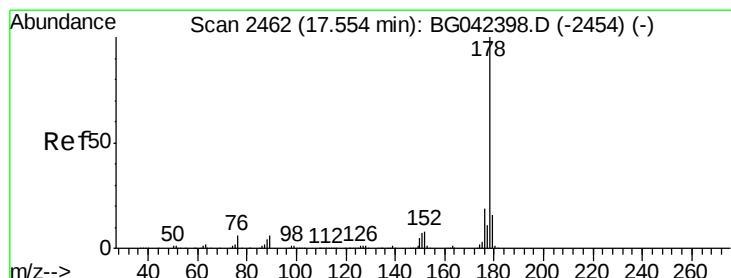
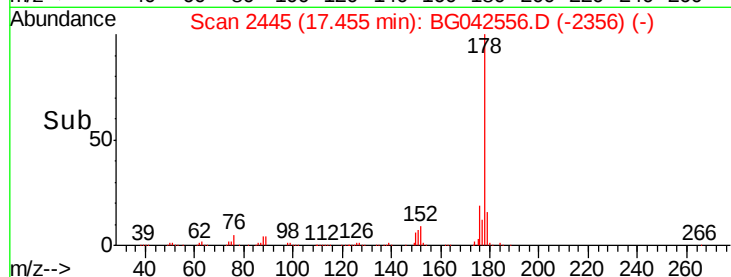
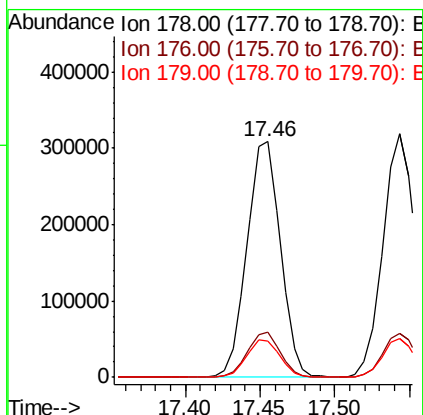
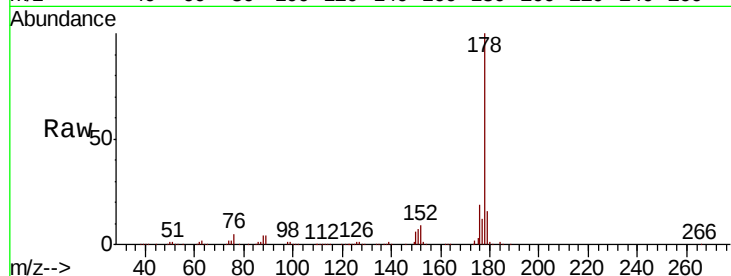




#71
Phenanthrene
Concen: 41.970 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

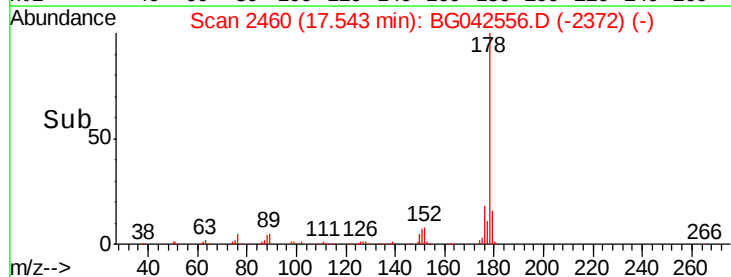
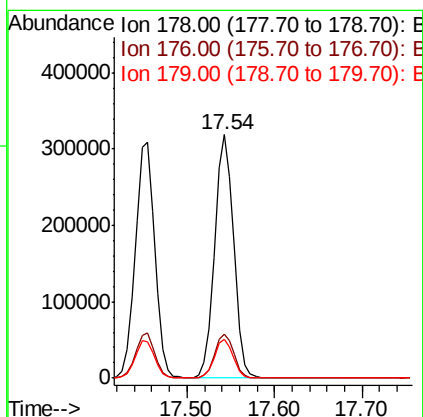
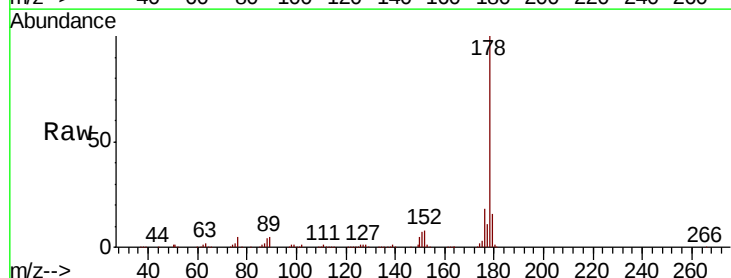
Instrument :
BNA_G
ClientSampleId :

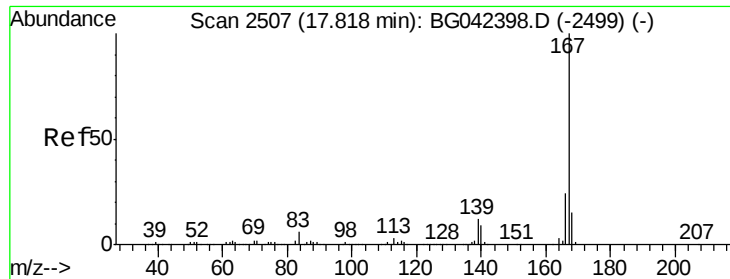
Tot Ion:178 Resp: 477183
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.7 12.7 19.1



#72
Anthracene
Concen: 42.559 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:178 Resp: 483049
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 15.8 12.9 19.3





#73

Carbazole

Concen: 42.395 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

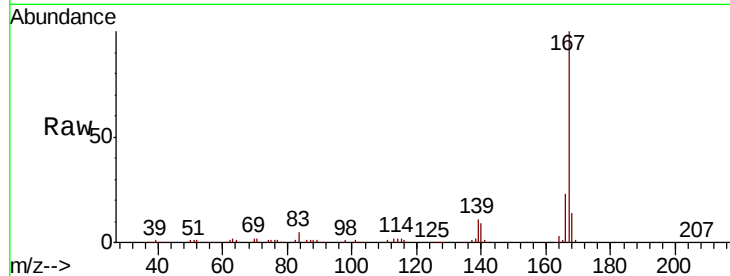
Tot Ion:167 Resp: 428856

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

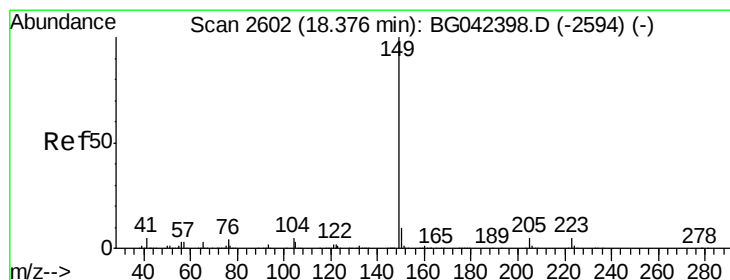
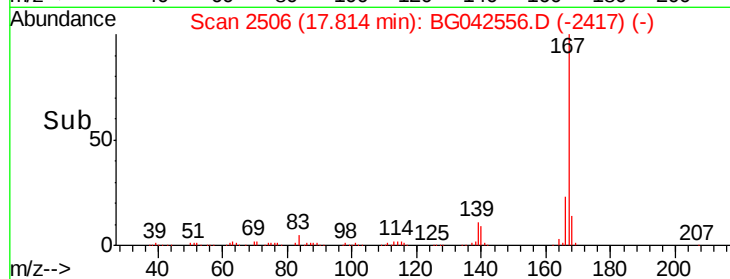
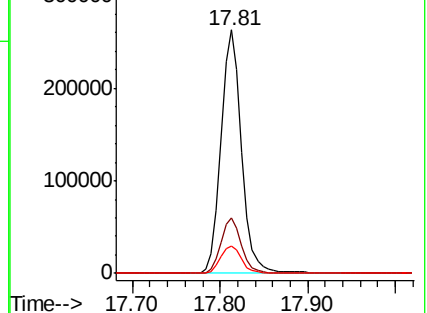
139 11.3 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.447 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

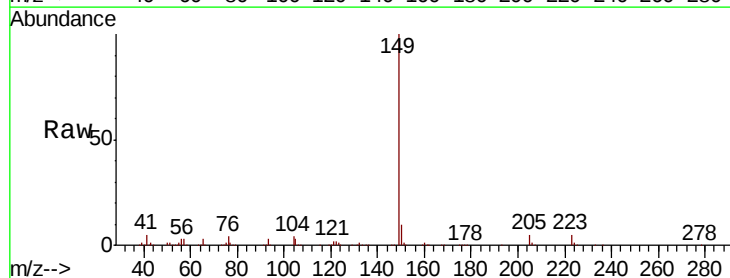
Tgt Ion:149 Resp: 495610

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

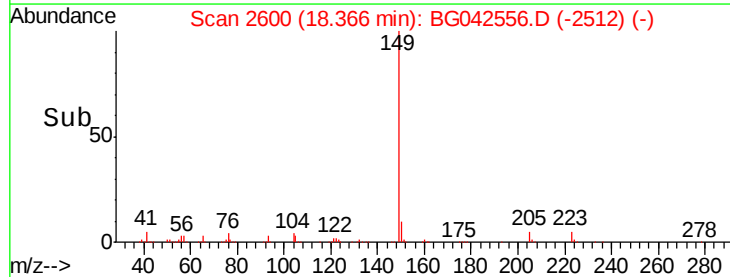
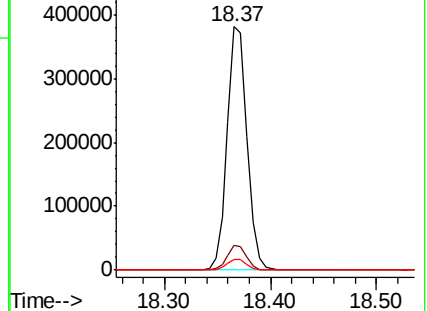
104 4.4 3.7 5.5

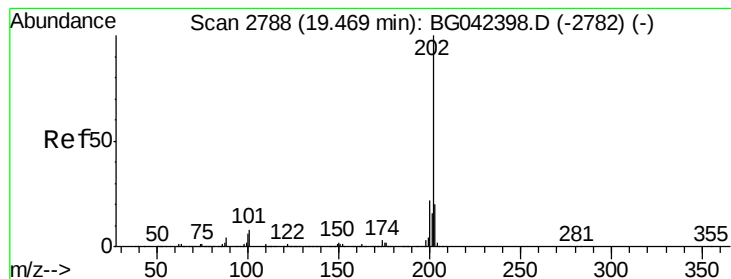


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.979 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042556.D

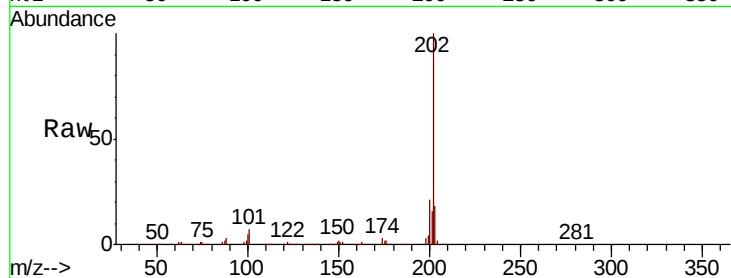
Acq: 29 Aug 2019 9:08

Instrument :

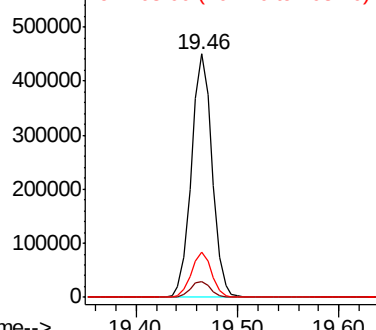
BNA_G

ClientSampleId :

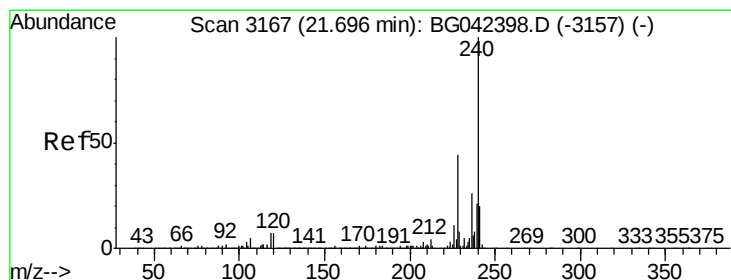
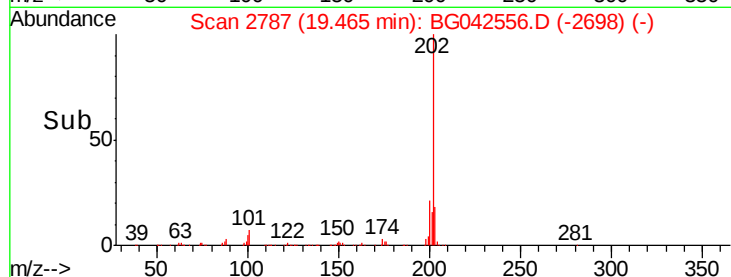
Tot Ion:	202	Resp:	637997
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.3
203	18.3	0.0	39.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

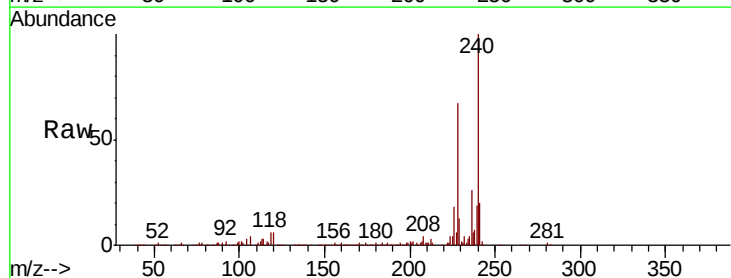
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

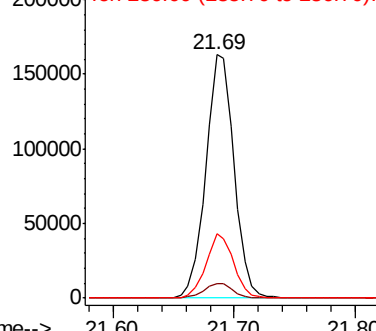
Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

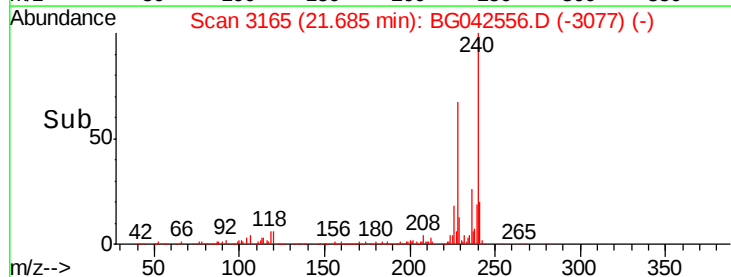
Tgt Ion:	240	Resp:	265873
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.3	21.0	31.4

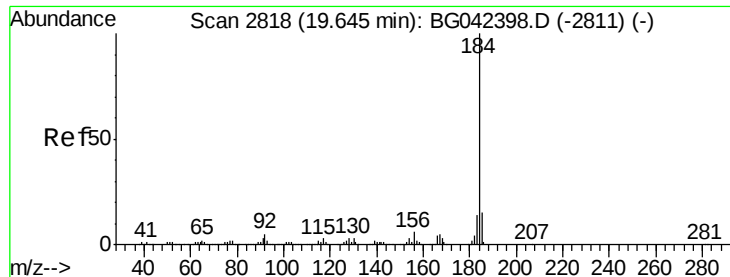


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

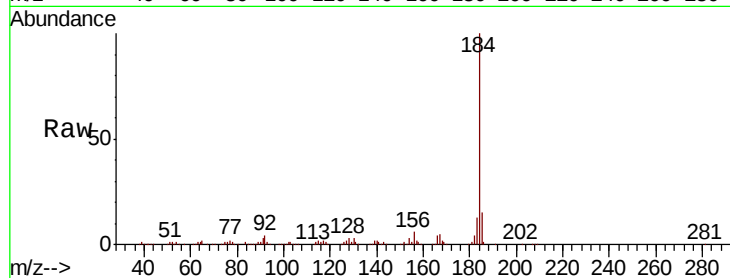




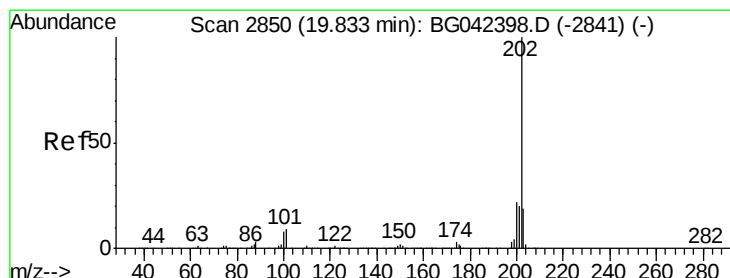
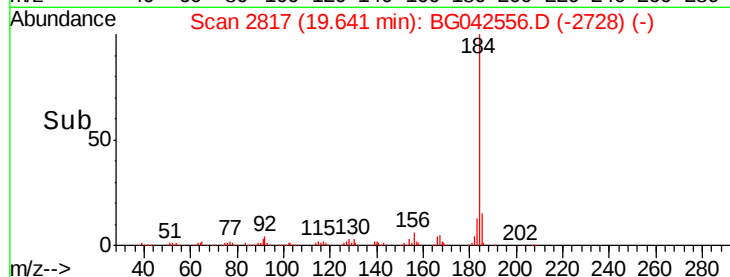
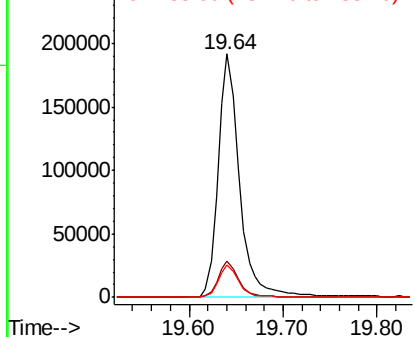
#77
Benzidine
Concen: 40.196 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 306404
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 13.2 10.8 16.2

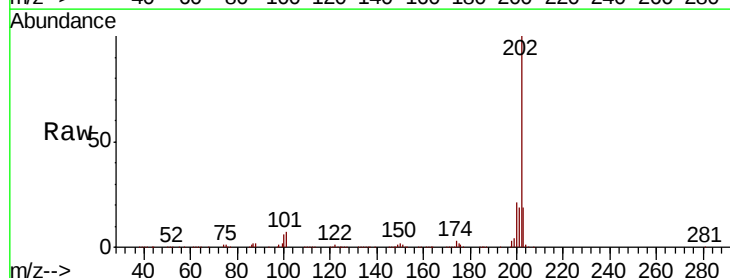


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

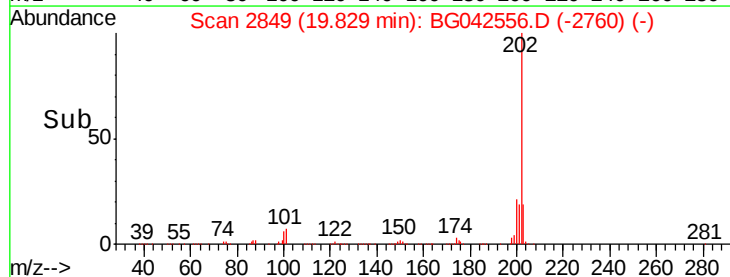
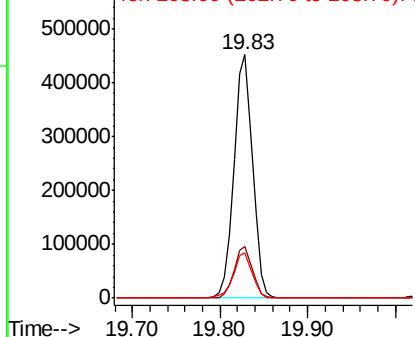


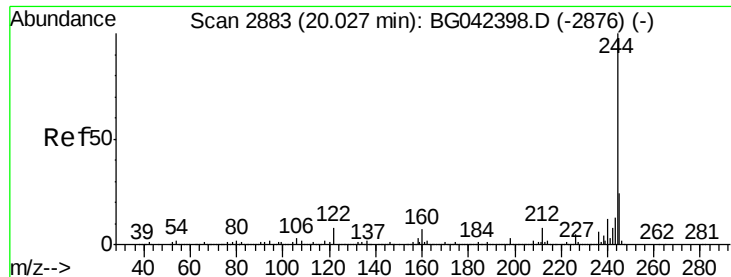
#78
Pyrene
Concen: 39.939 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion:202 Resp: 651021
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.6
203 18.7 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.775 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

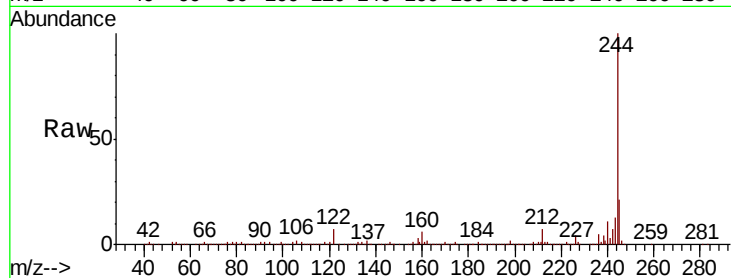
Tot Ion:244 Resp: 821199

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

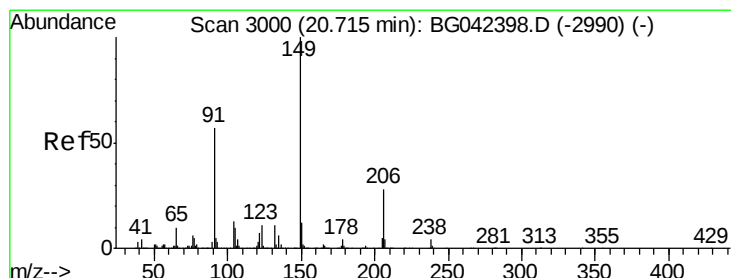
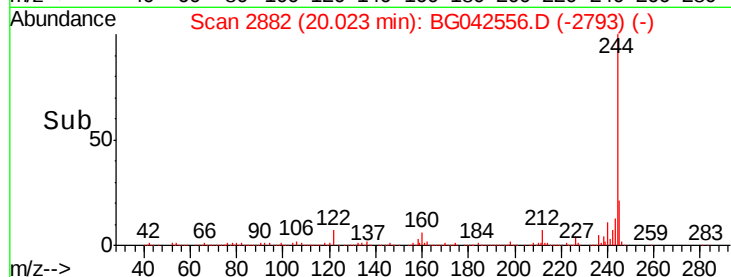
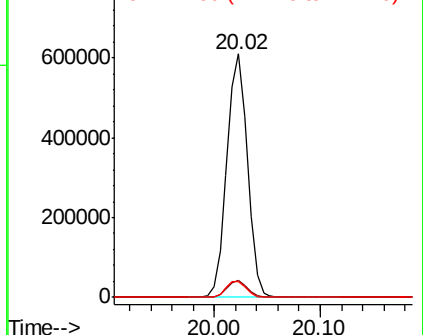
122 6.7 6.7 10.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.120 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

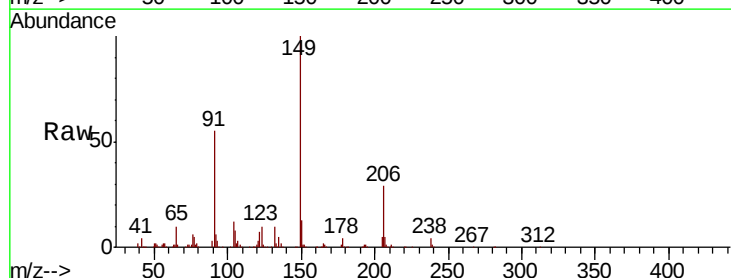
Tgt Ion:149 Resp: 244398

Ion Ratio Lower Upper

149 100

91 55.2 45.9 68.9

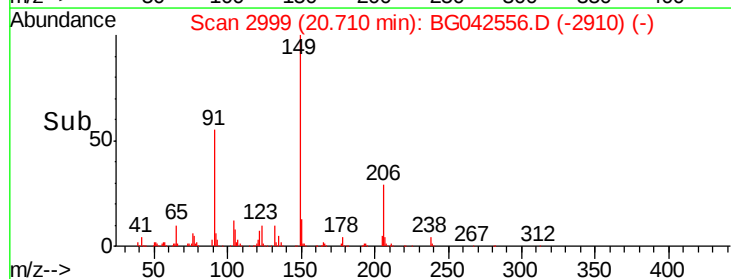
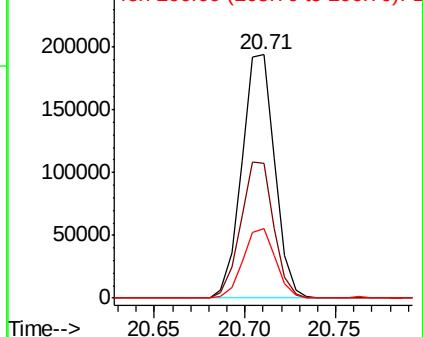
206 28.7 22.5 33.7

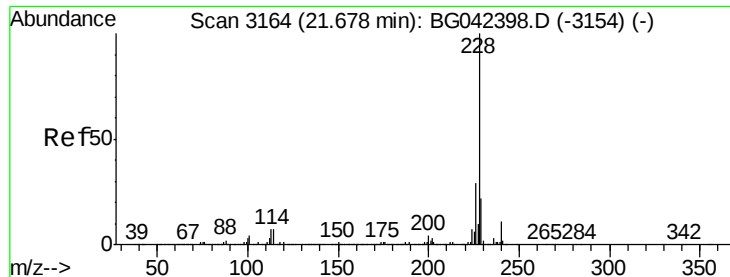


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

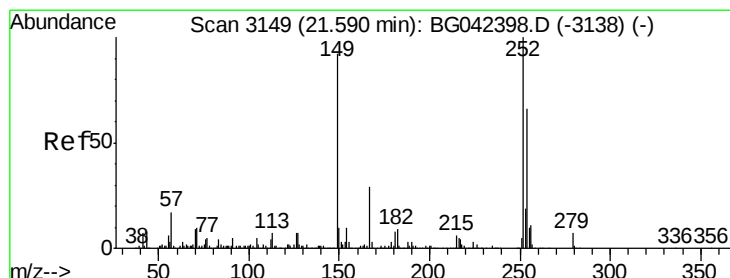
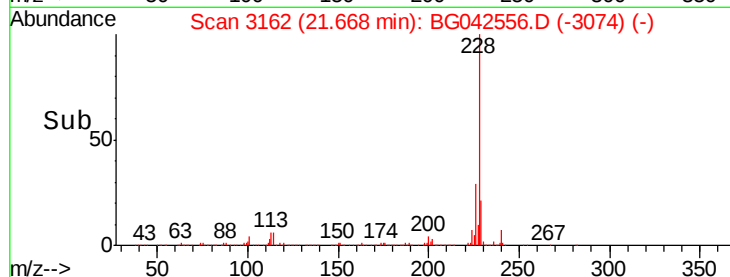
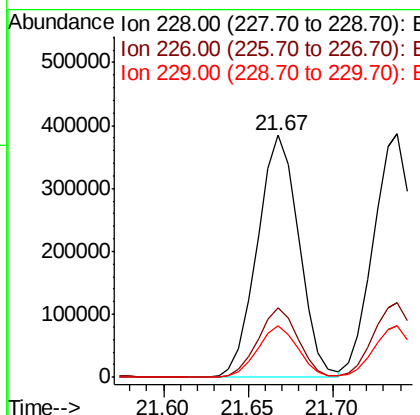
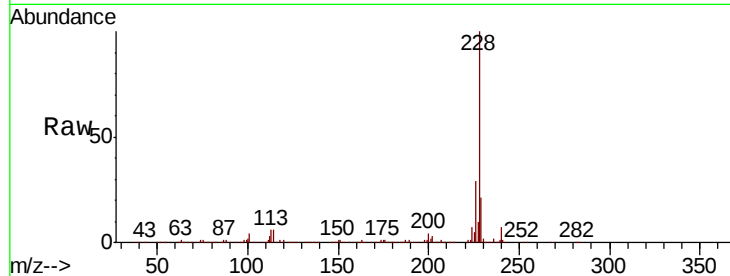




#81
Benzo(a)anthracene
Concen: 40.521 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

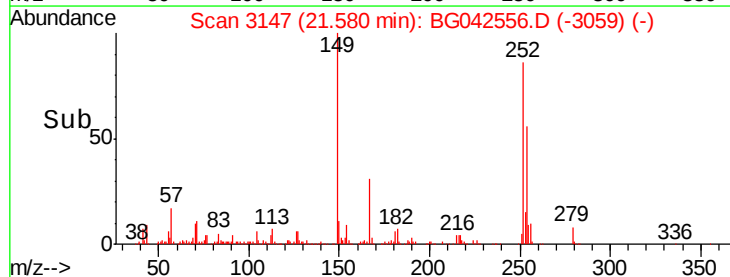
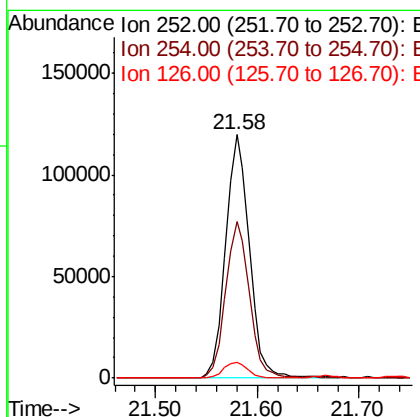
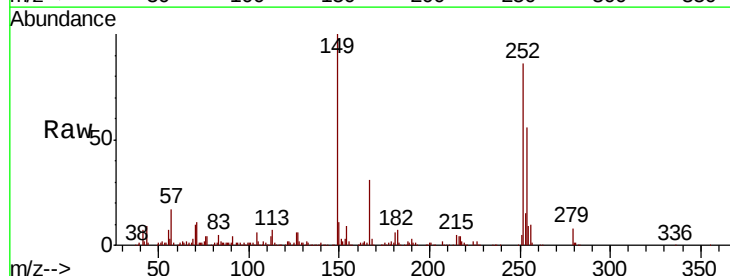
Instrument :
BNA_G
ClientSampled :

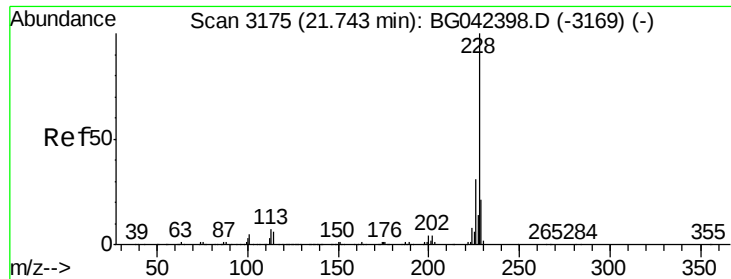
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.2	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 30.005 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.0	79.4
126	6.4	5.7	8.5

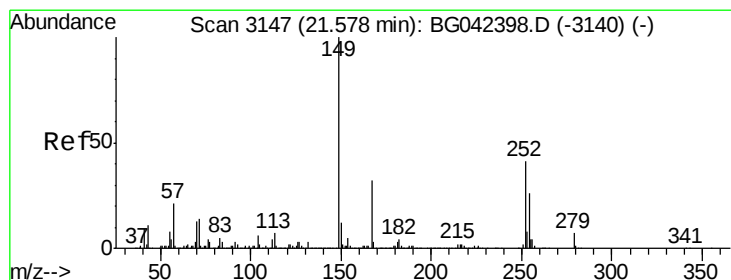
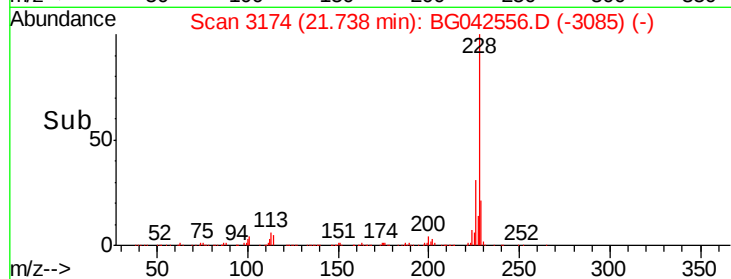
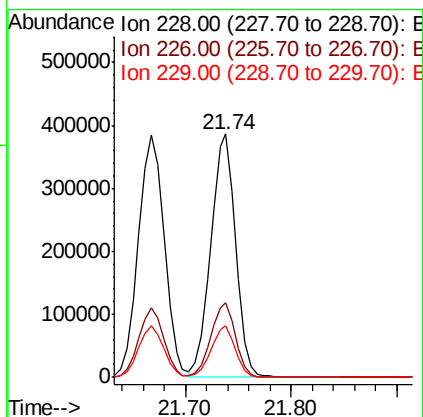
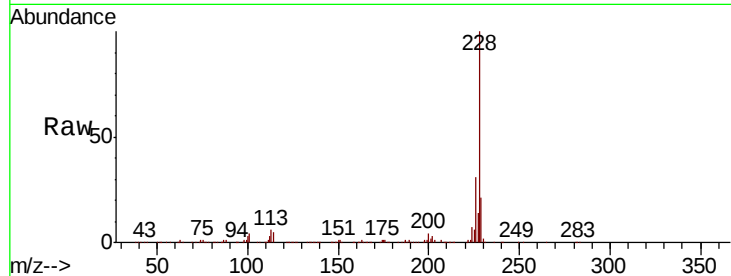




#83
 Chrysene
 Concen: 40.718 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

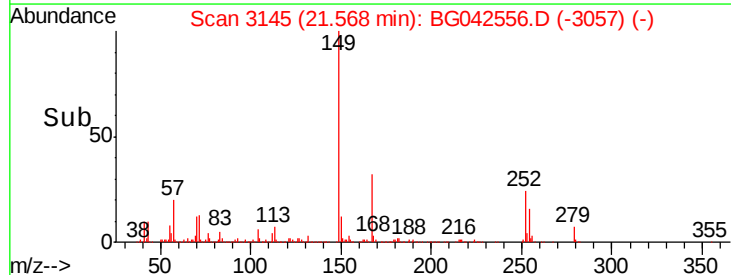
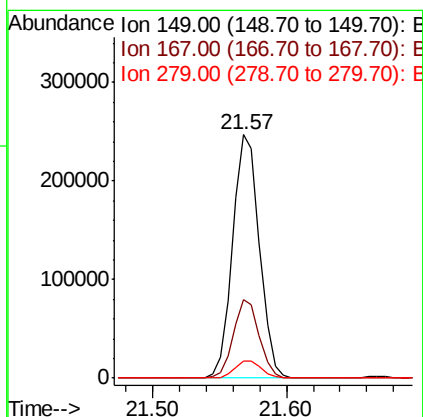
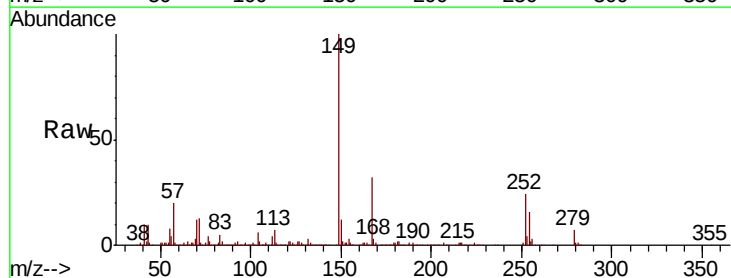
Instrument :
 BNA_G
 ClientSampleId :

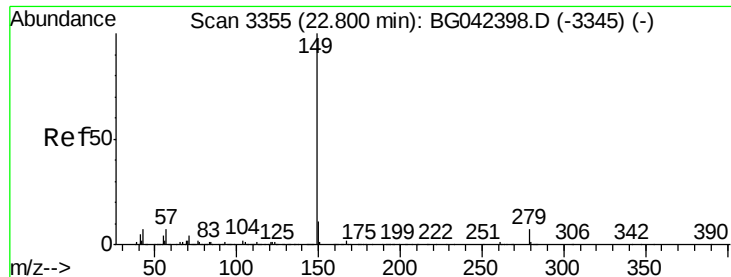
Tot Ion:228 Resp: 635121
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 21.0 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.788 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Tgt Ion:149 Resp: 345286
 Ion Ratio Lower Upper
 149 100
 167 32.3 26.0 39.0
 279 7.0 5.4 8.0





#85

Di-n-octyl phthalate

Concen: 39.188 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

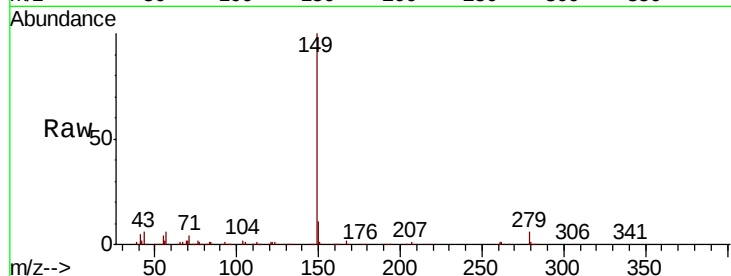
Tot Ion:149 Resp: 599980

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

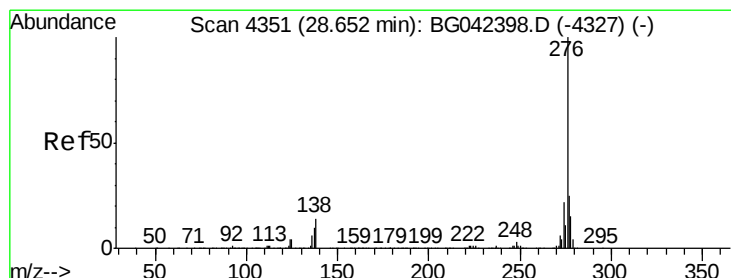
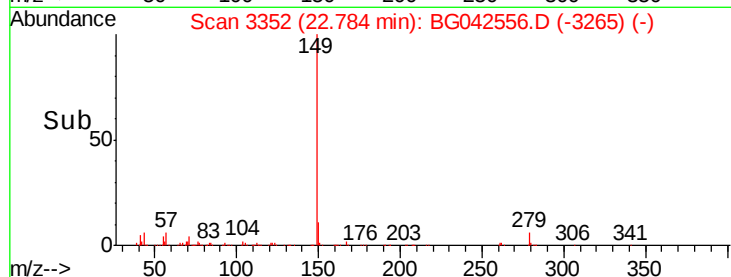
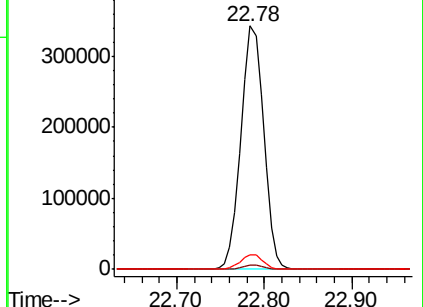
43 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.117 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

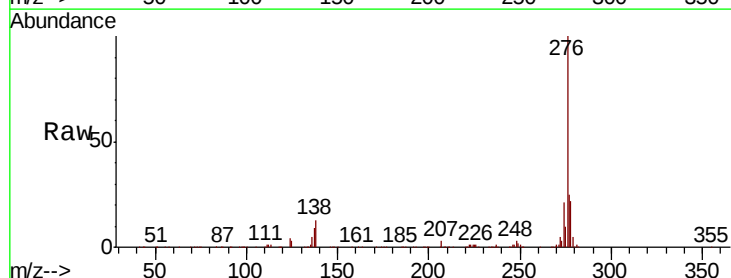
Tgt Ion:276 Resp: 829179

Ion Ratio Lower Upper

276 100

138 15.5 9.2 13.8#

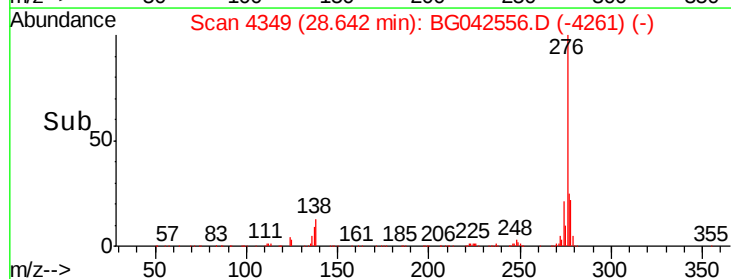
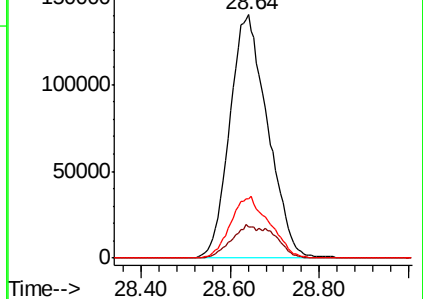
277 26.0 21.0 31.6

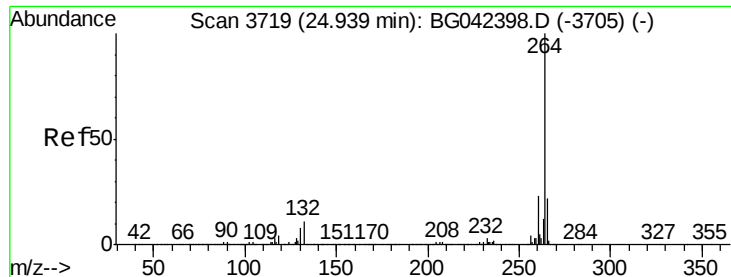


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampled :

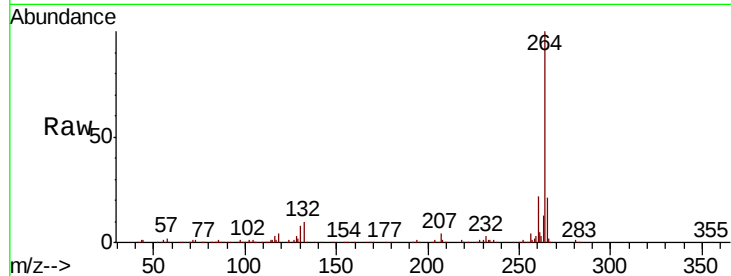
Tot Ion:264 Resp: 303776

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

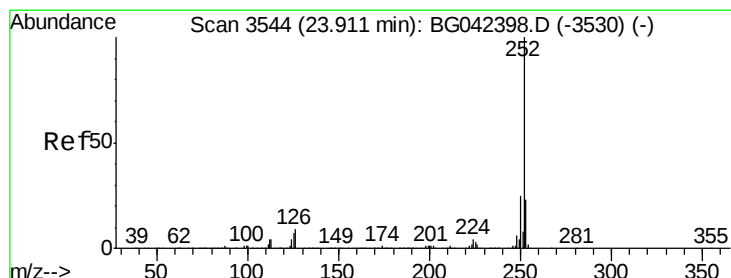
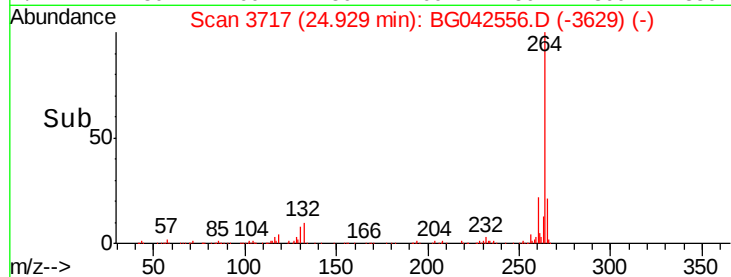
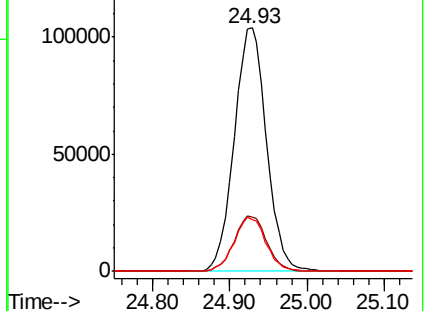
265 21.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.313 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

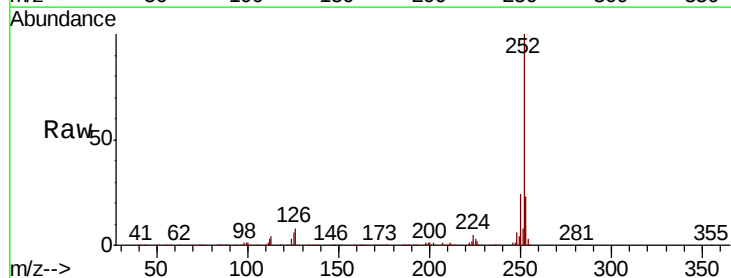
Tgt Ion:252 Resp: 723340

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

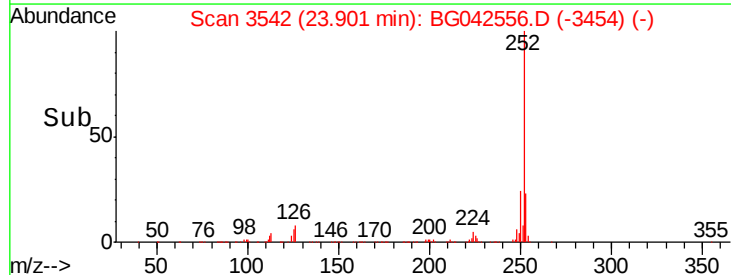
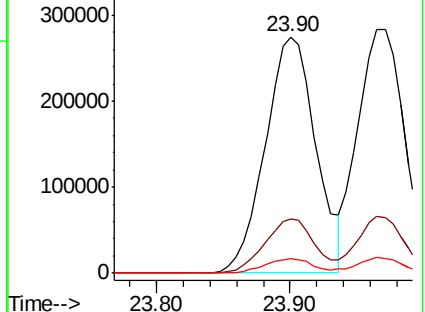
125 6.3 5.6 8.4

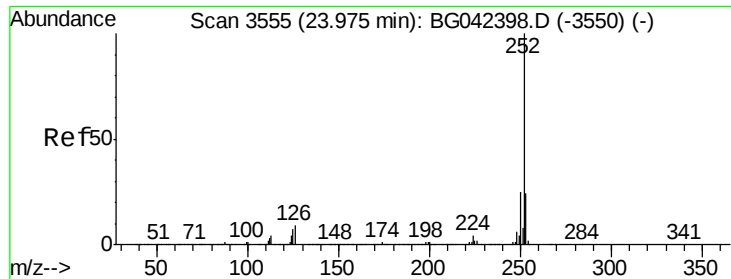


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.997 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

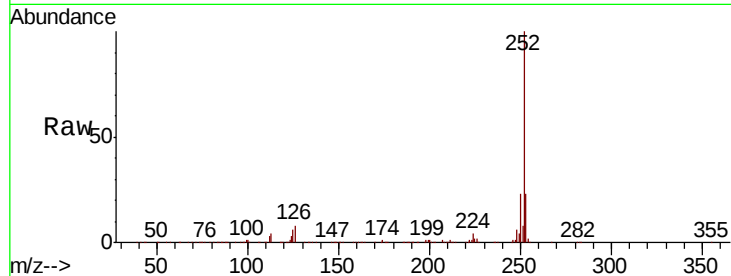
Tot Ion:252 Resp: 690214

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

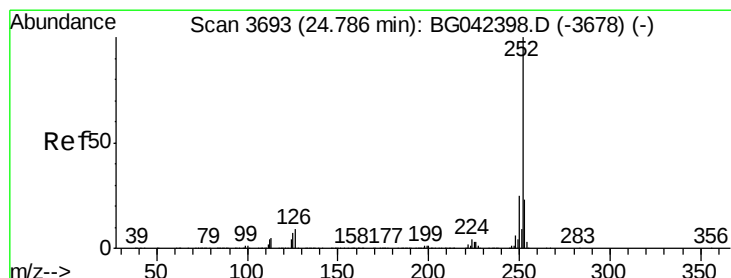
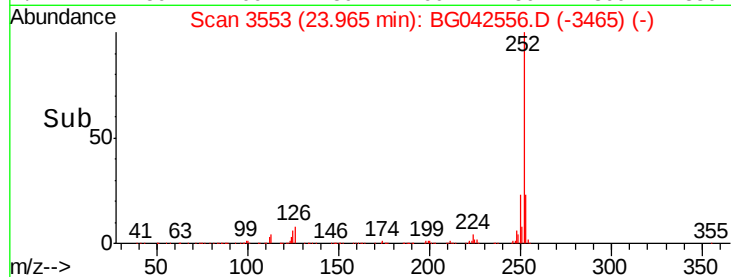
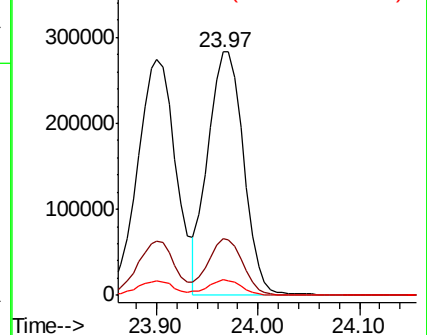
125 6.2 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.533 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

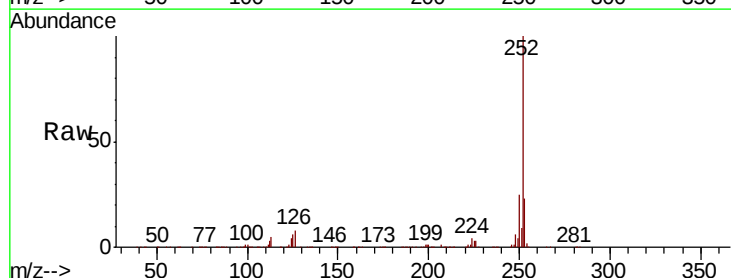
Tgt Ion:252 Resp: 705736

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

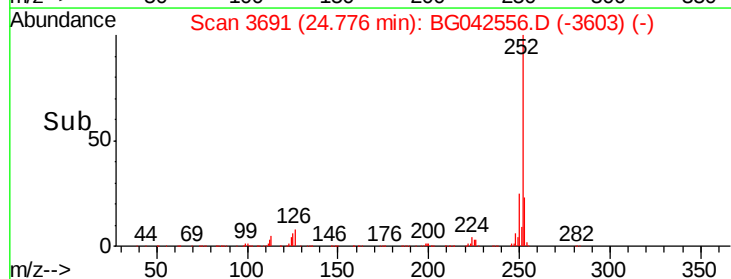
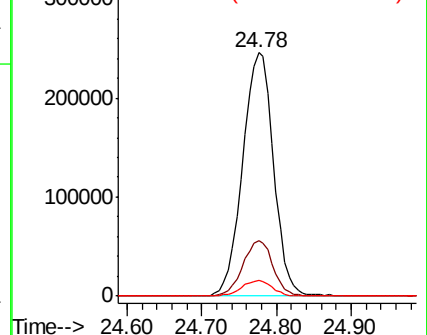
125 6.4 6.0 9.0

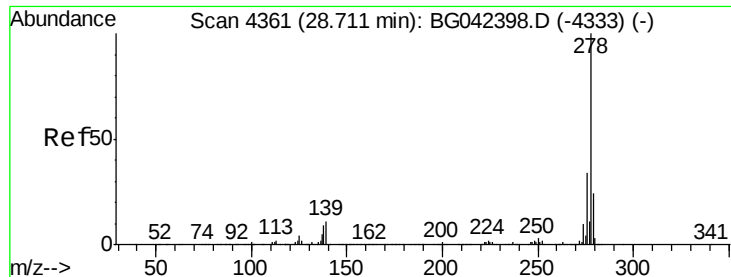


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.834 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Instrument :

BNA_G

ClientSampleId :

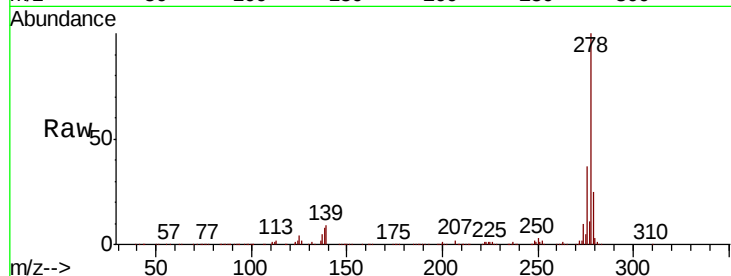
Tot Ion:278 Resp: 687291

Ion Ratio Lower Upper

278 100

139 9.4 8.8 13.2

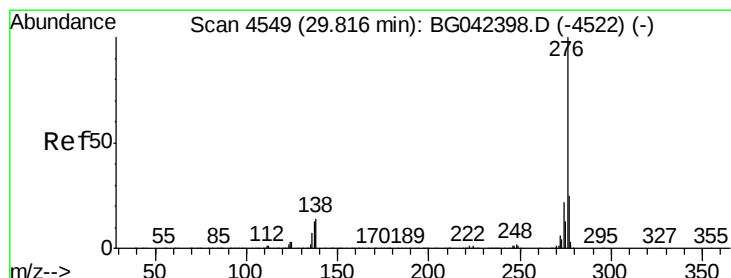
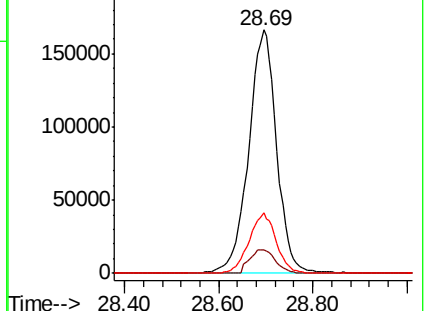
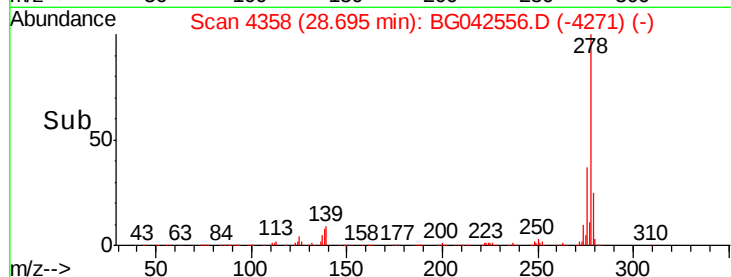
279 24.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.046 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

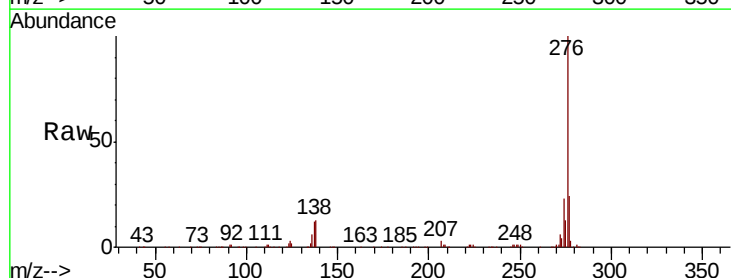
Tgt Ion:276 Resp: 690798

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 13.1 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

