

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042556.D
 Acq On : 29 Aug 2019 9:08
 Operator : HP/JU
 Sample : PB122602BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

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

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

						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

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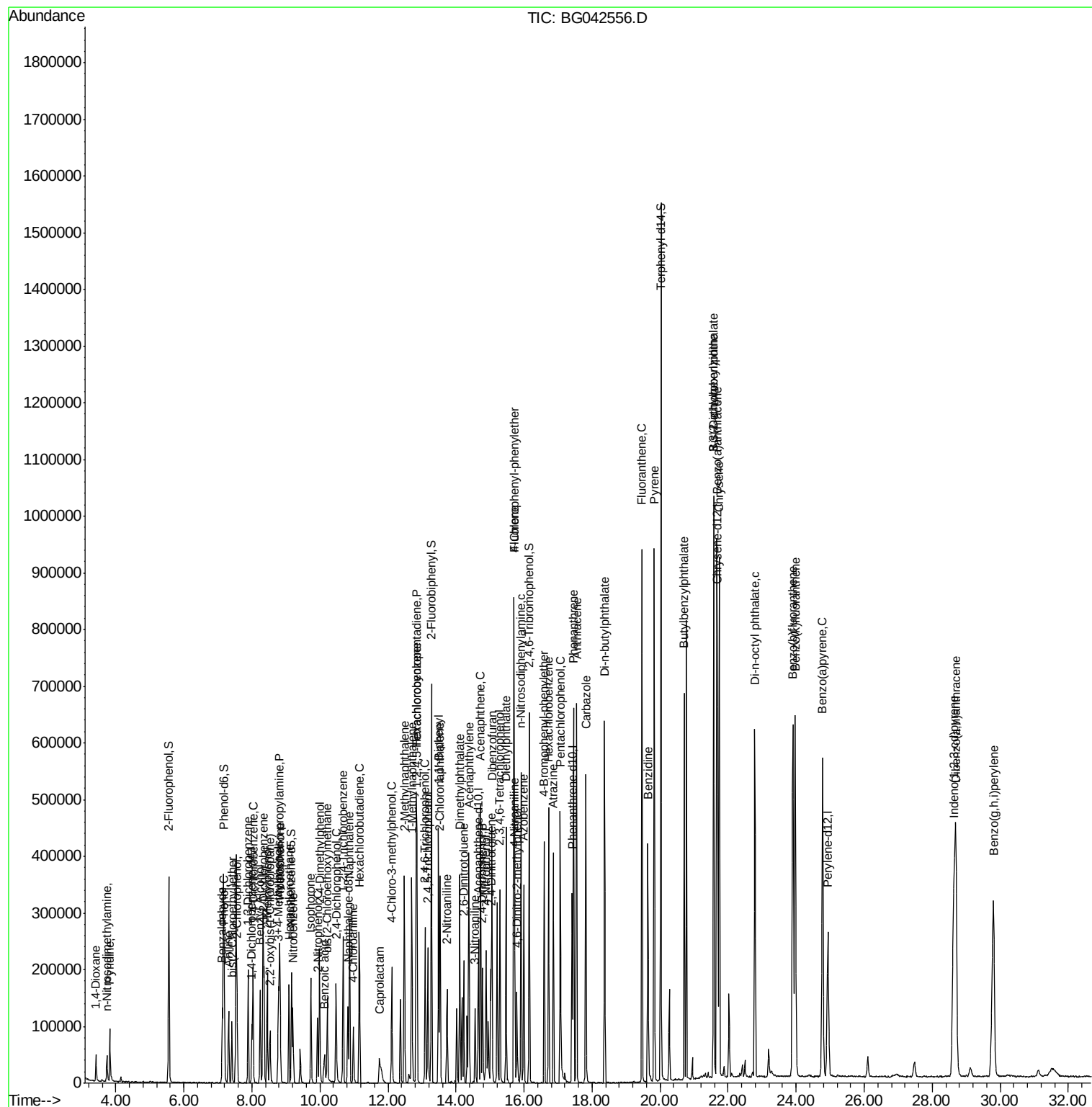
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153414	92.550	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	84873	39.790	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	92384	41.795	nq	98
46) 1,1'-Biphenyl	13.49	154	261965	41.241	nq	99
47) 2-Chloronaphthalene	13.53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

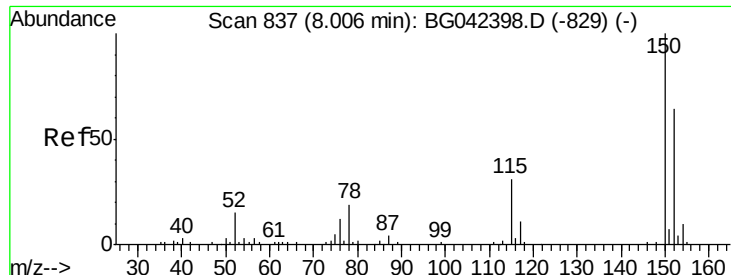
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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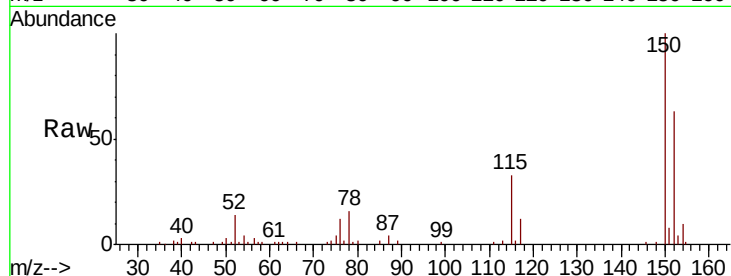


#1

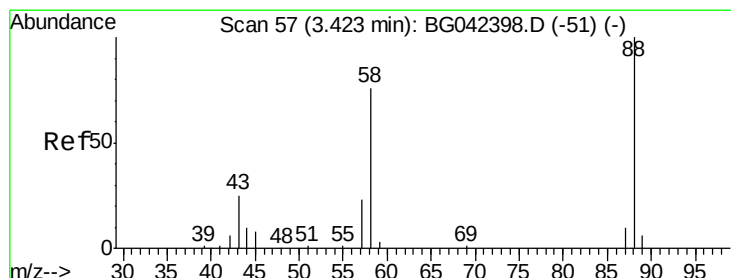
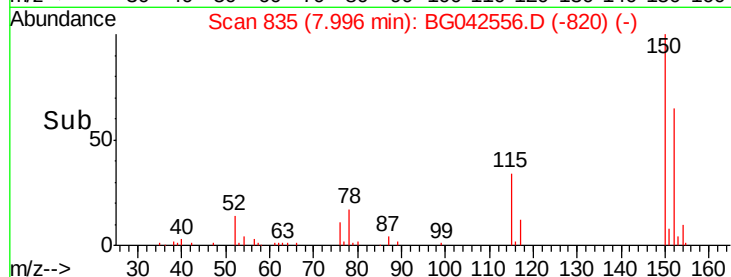
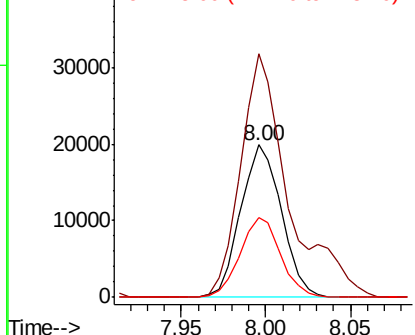
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :
PB122602BS

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



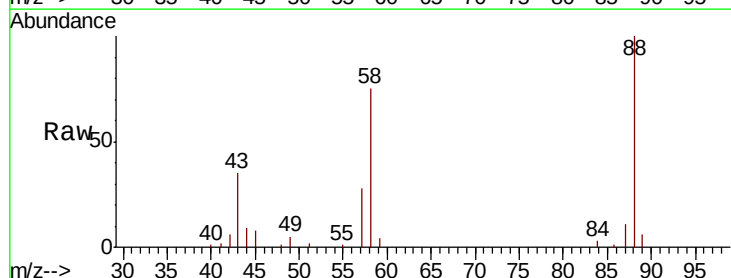
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



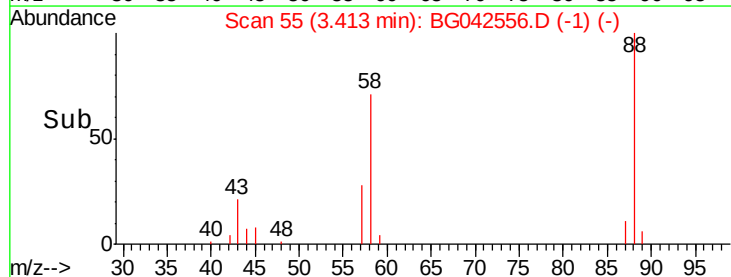
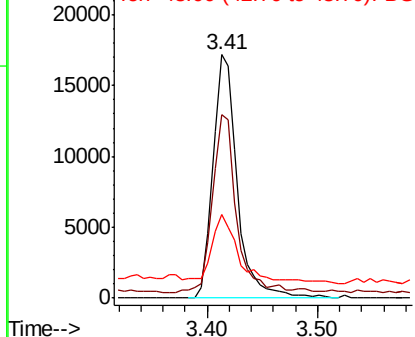
#2

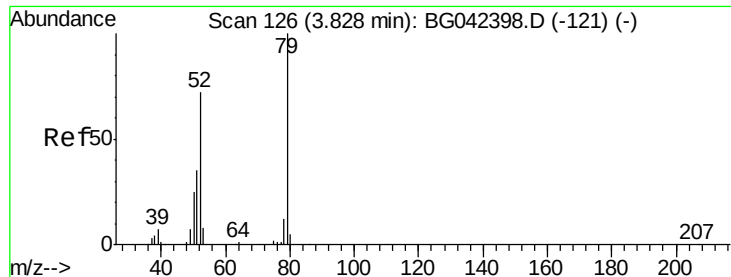
1,4-Dioxane
Concen: 38.020 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

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 :

PB122602BS

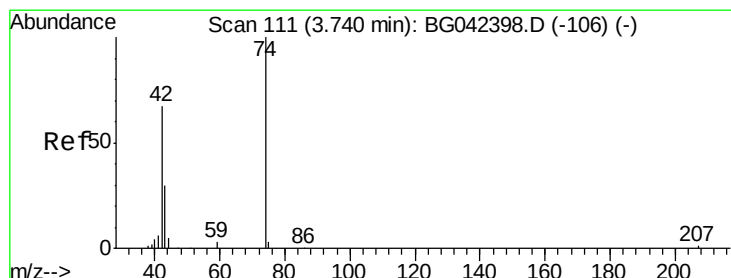
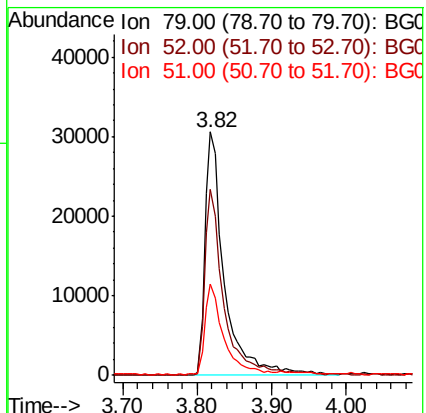
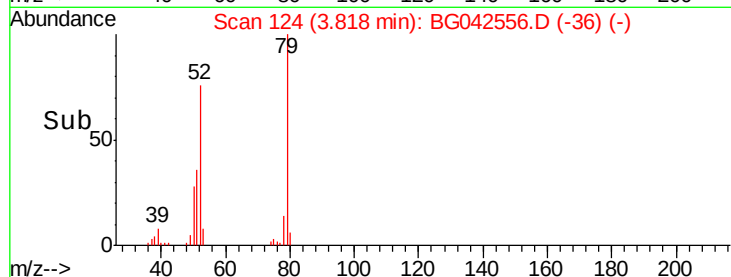
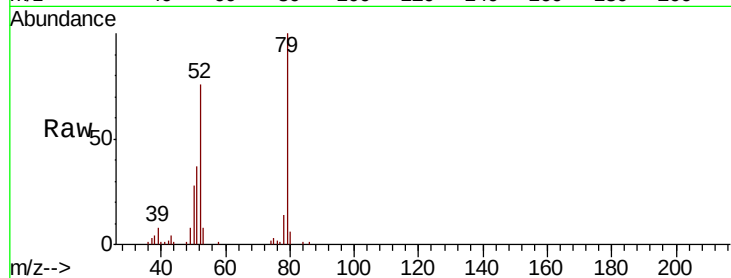
Tot Ion: 79 Resp: 55486

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

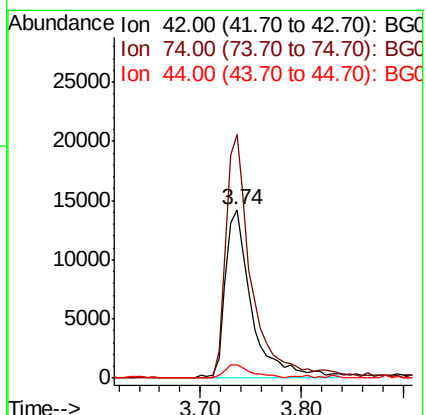
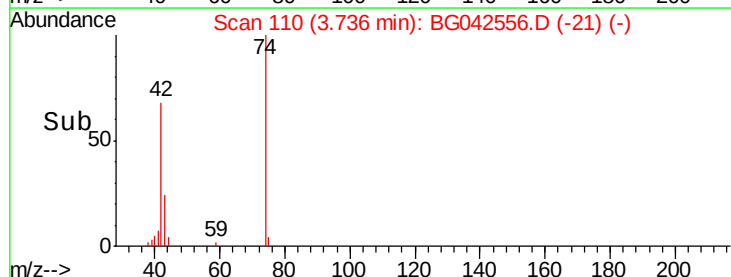
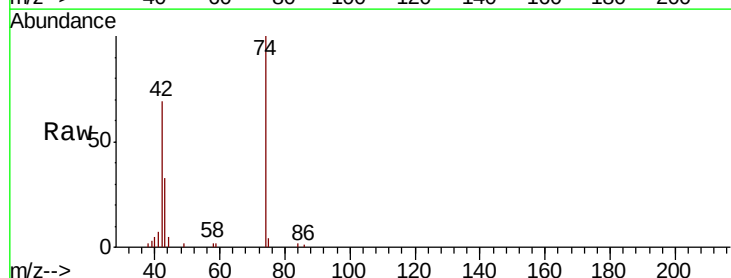
Tgt Ion: 42 Resp: 25863

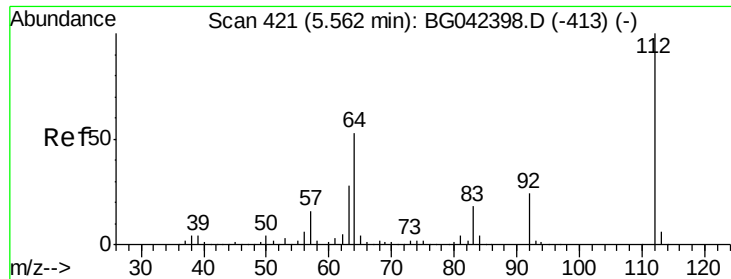
Ion Ratio Lower Upper

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

ClientSampled :

PB122602BS

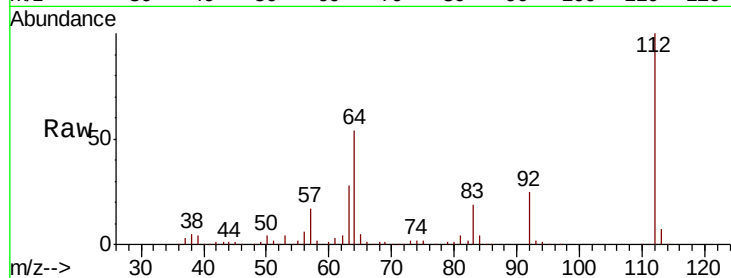
Tot Ion: 112 Resp: 189472

Ion Ratio Lower Upper

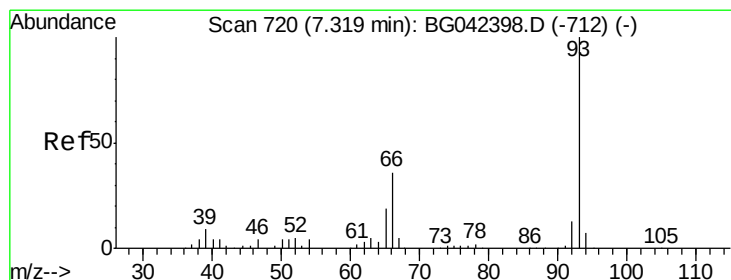
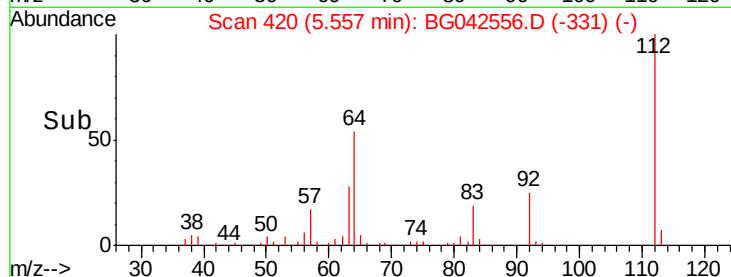
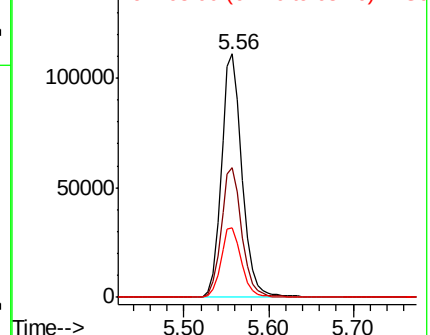
112 100

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

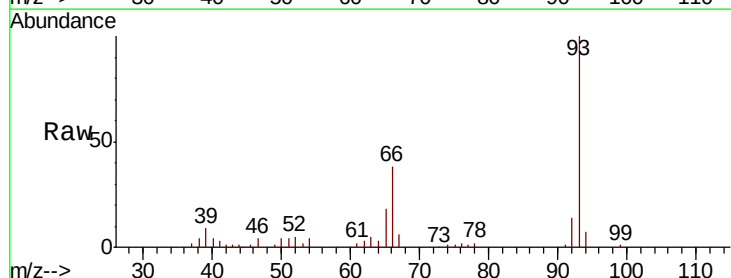
Tgt Ion: 93 Resp: 86071

Ion Ratio Lower Upper

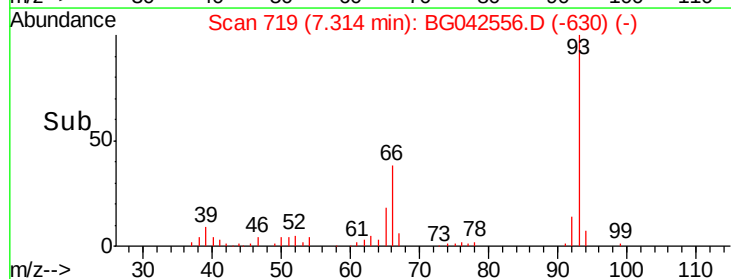
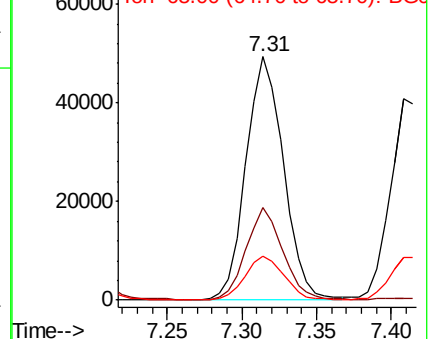
93 100

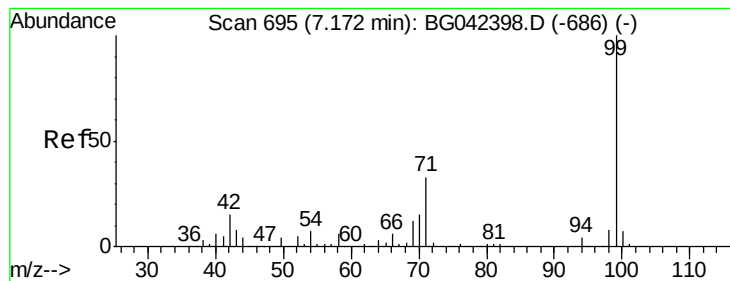
66 38.1 29.0 43.6

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

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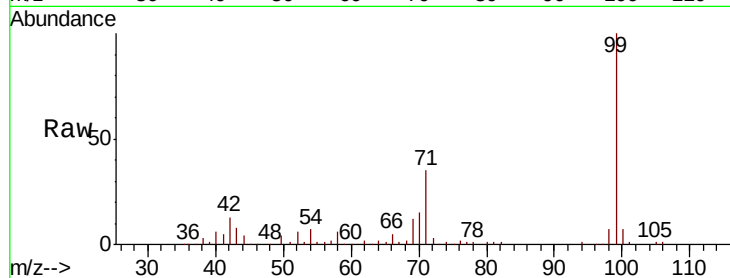
Tot Ion: 99 Resp: 236366

Ion Ratio Lower Upper

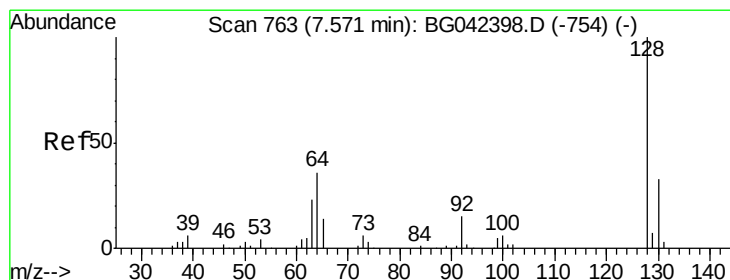
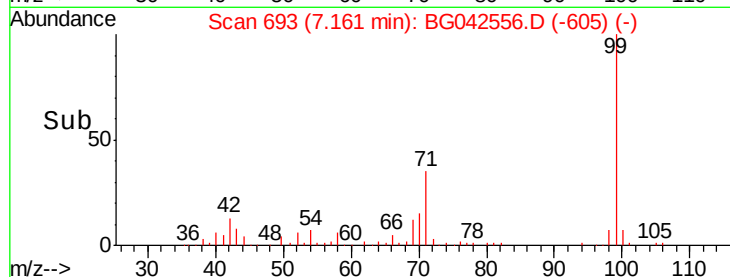
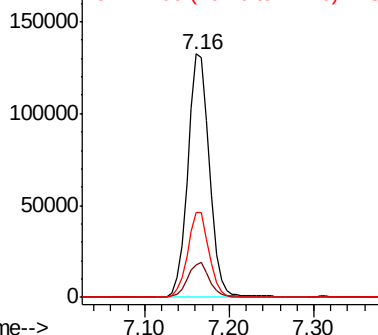
99 100

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

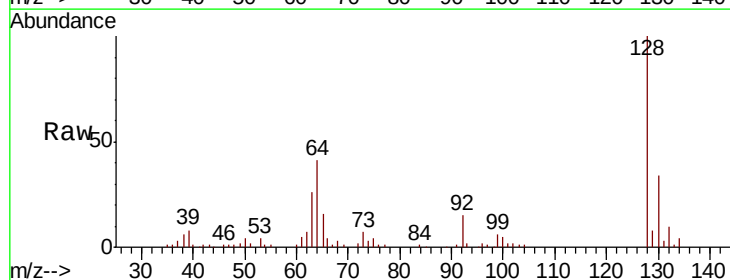
Tgt Ion: 128 Resp: 84443

Ion Ratio Lower Upper

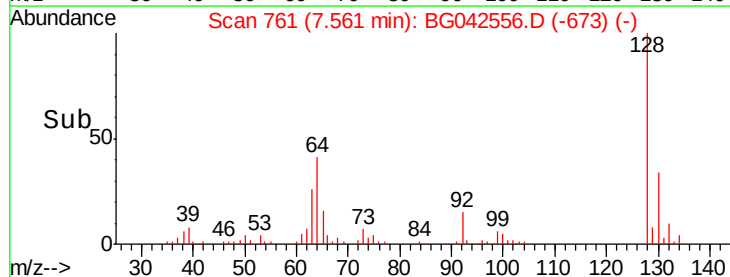
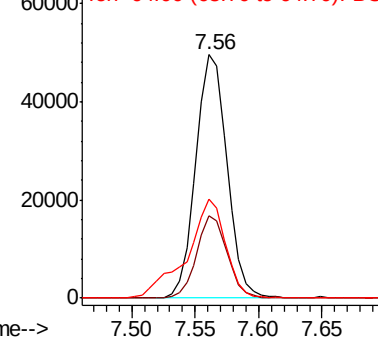
128 100

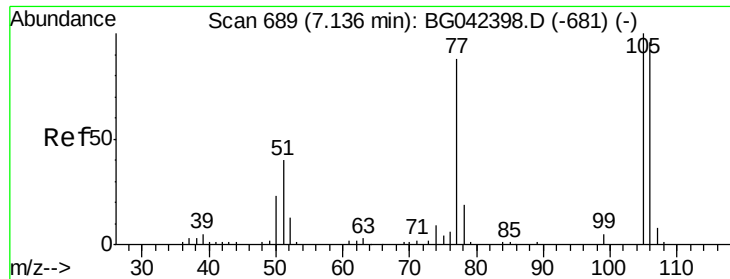
130 33.6 12.8 52.8

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

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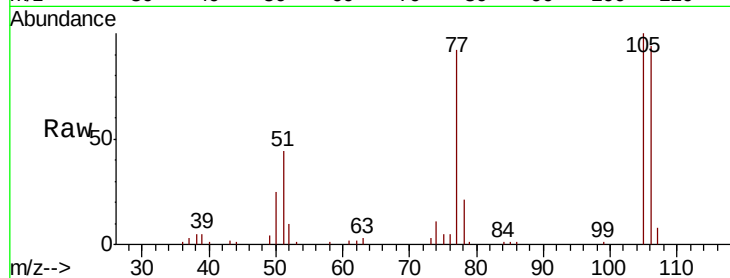
Tot Ion: 77 Resp: 48715

Ion Ratio Lower Upper

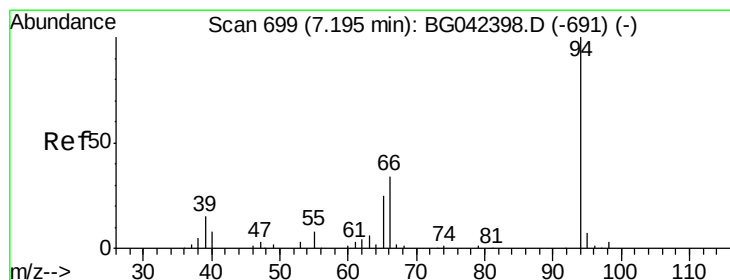
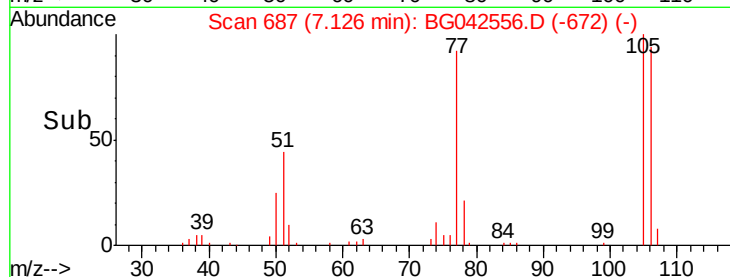
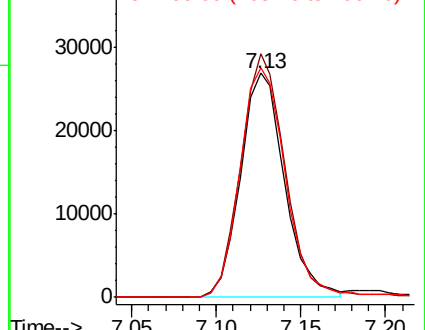
77 100

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

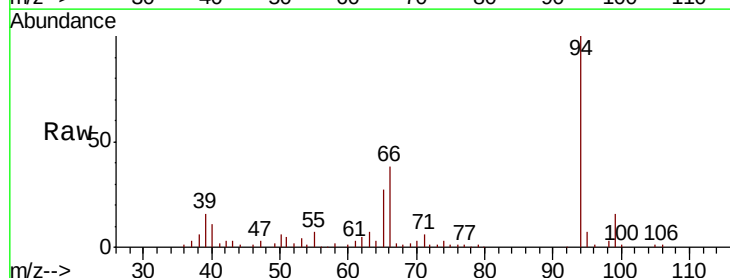
Tgt Ion: 94 Resp: 92089

Ion Ratio Lower Upper

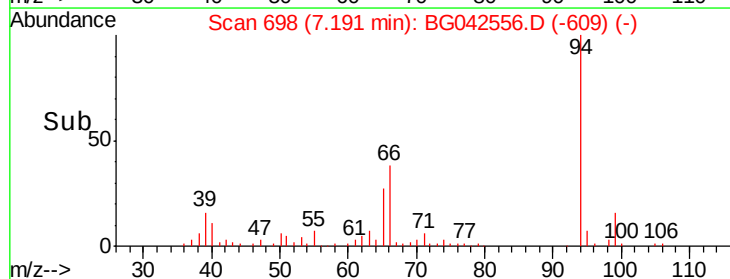
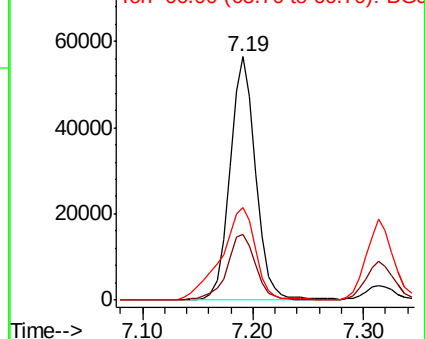
94 100

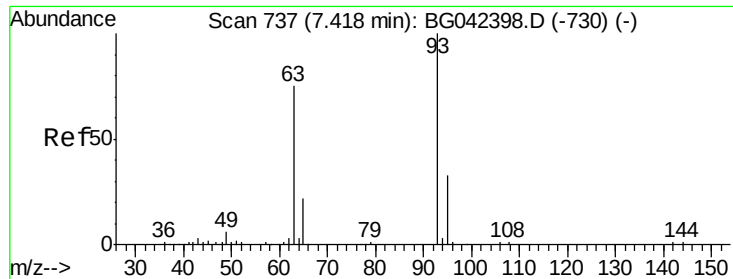
65 27.2 5.6 45.6

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

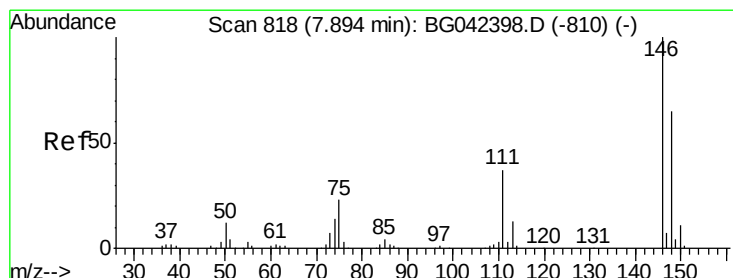
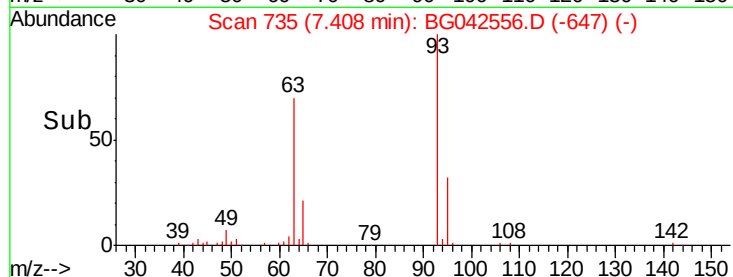
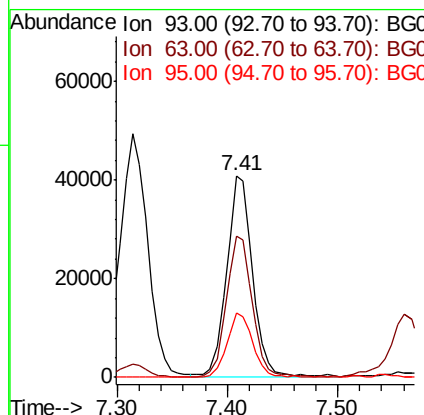
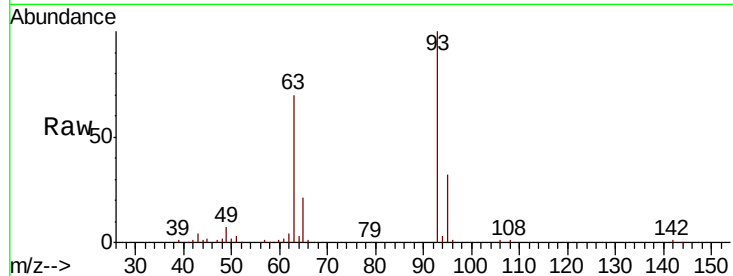




#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

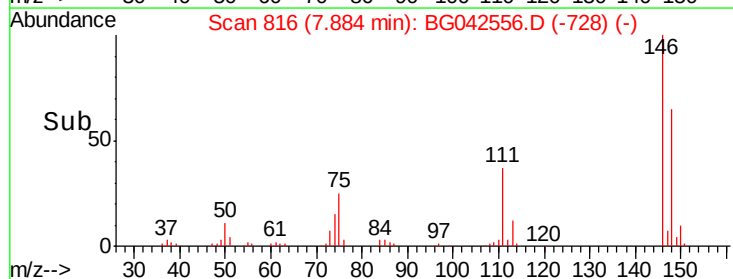
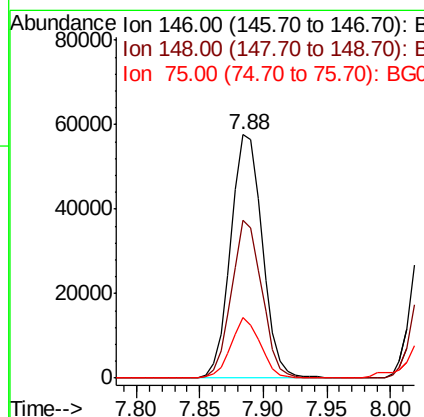
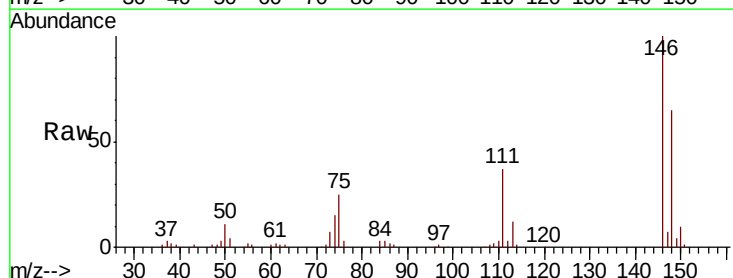
Instrument :
BNA_G
ClientSampleId :
PB122602BS

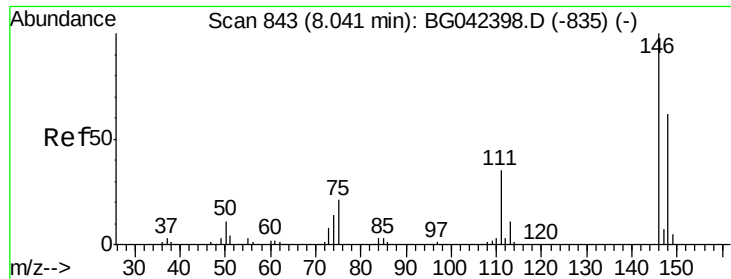
Tot Ion: 93 Resp: 67683
Ion Ratio Lower Upper
93 100
63 70.4 53.8 93.8
95 31.9 13.1 53.1



#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

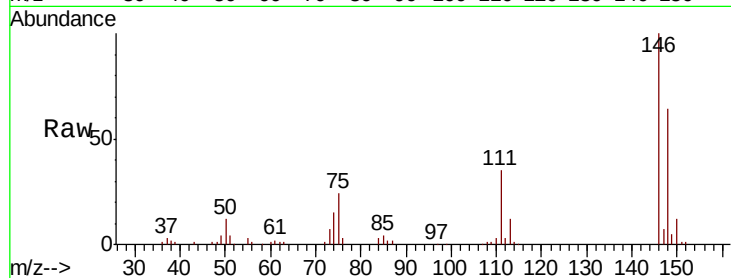




#13
 1,4-Dichlorobenzene
 Concen: 38.664 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

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

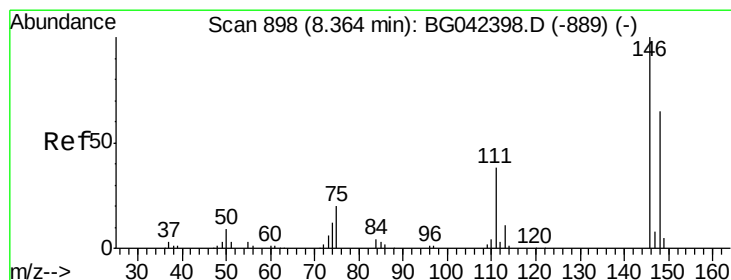
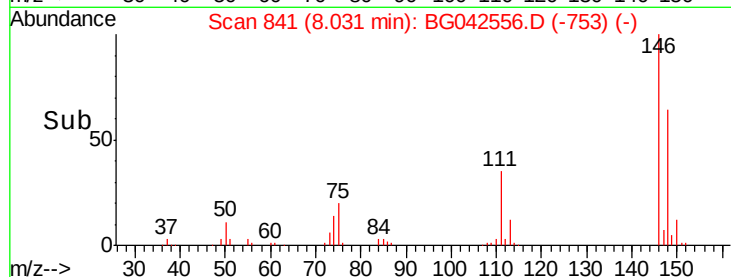
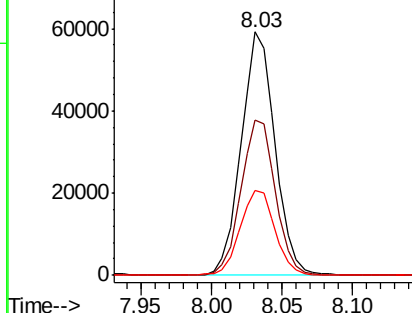


Abundance

Ion 146.00 (145.70 to 146.70): E

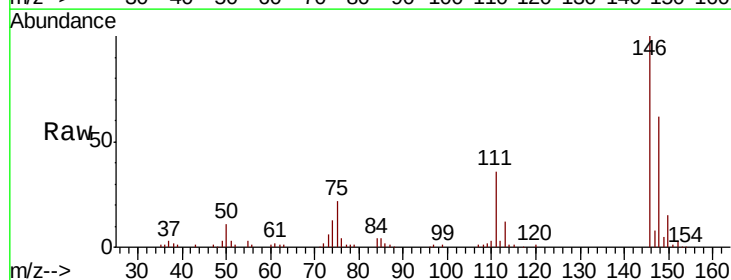
Ion 148.00 (147.70 to 148.70): E

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

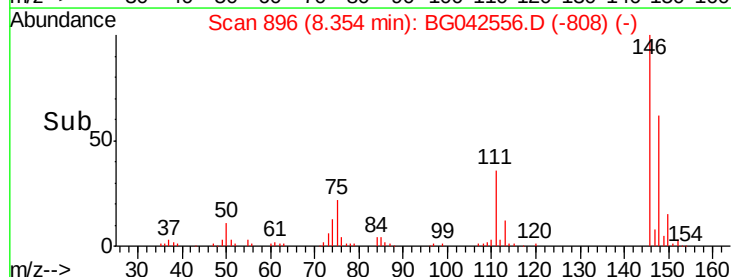
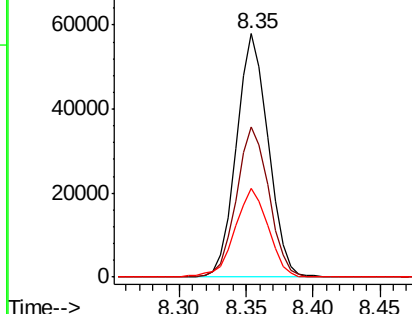


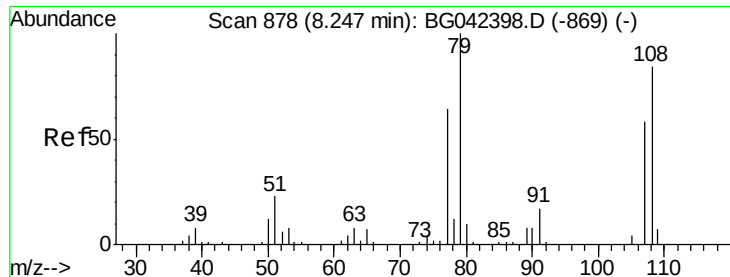
Abundance

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

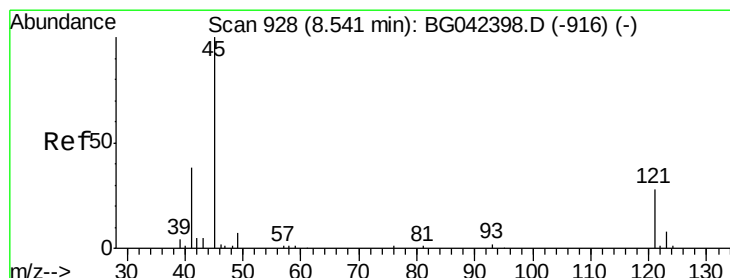
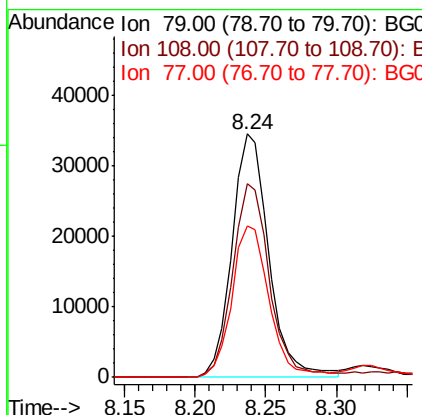
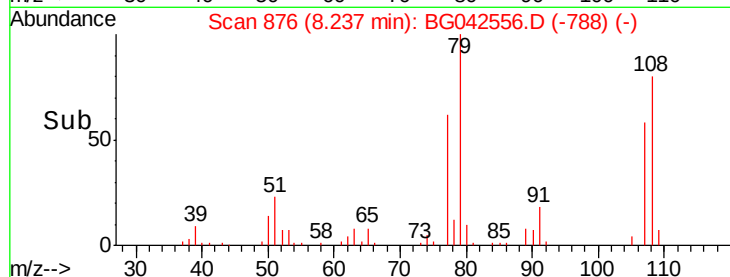
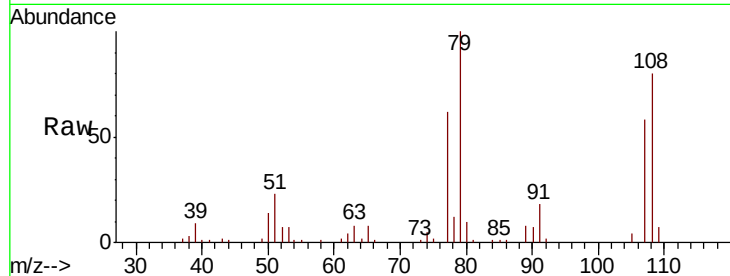




#15
Benzyl Alcohol
Concen: 39.561 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

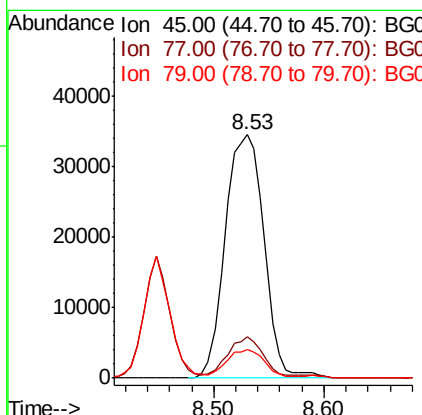
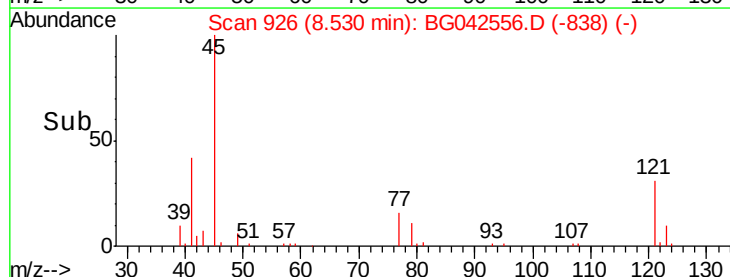
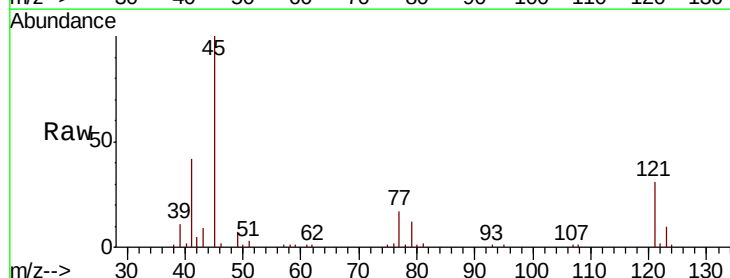
Instrument :
BNA_G
ClientSampleId :
PB122602BS

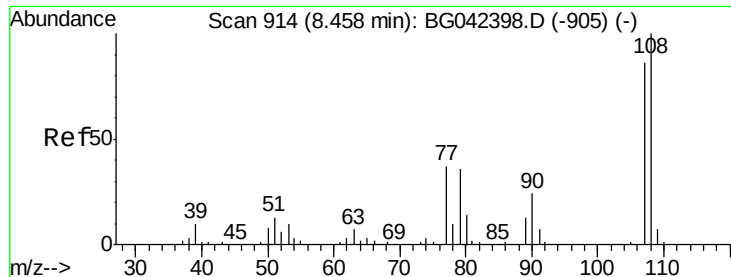
Tot Ion: 79 Resp: 63016
Ion Ratio Lower Upper
79 100
108 79.7 67.4 101.2
77 62.0 50.8 76.2



#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

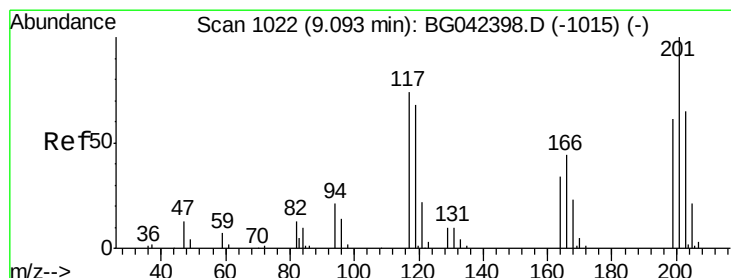
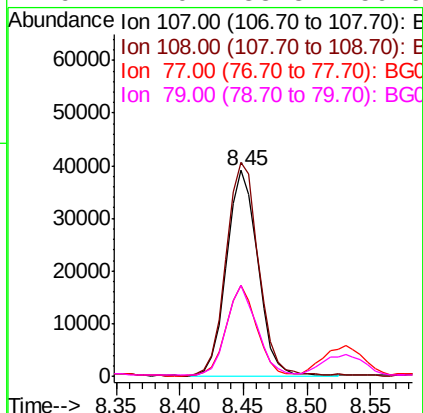
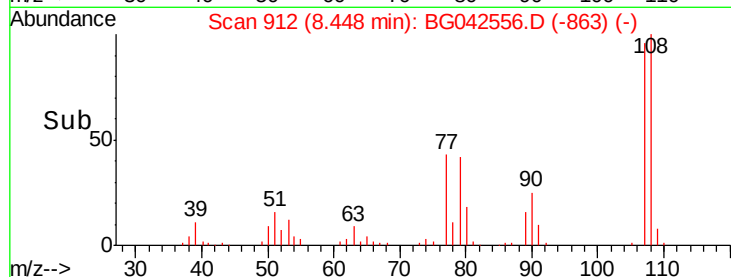
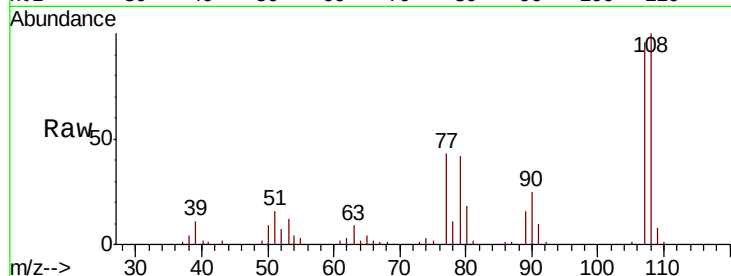




#17
 2-Methylphenol
 Concen: 40.413 ng
 RT: 8.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

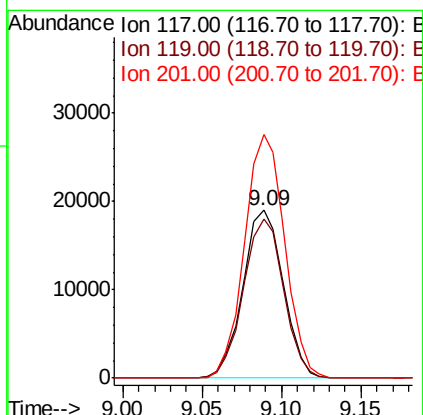
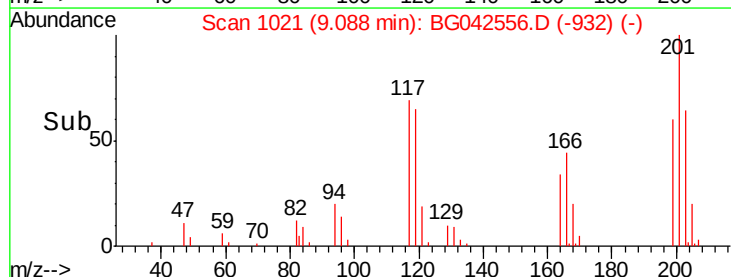
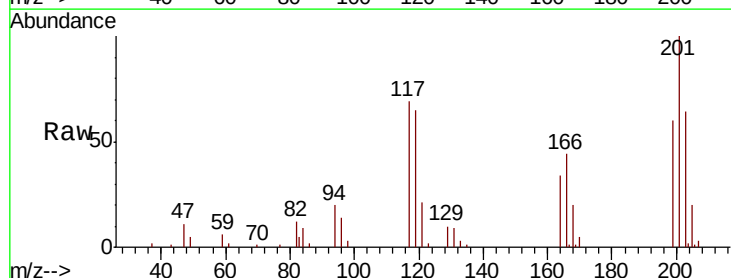
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

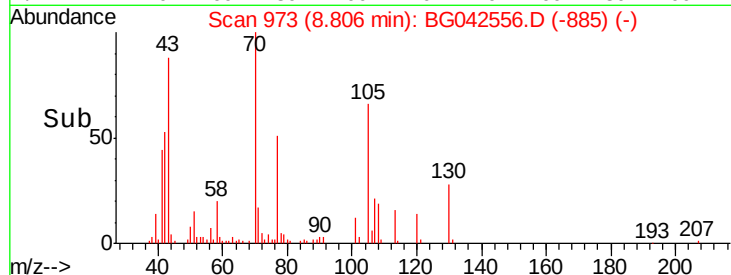
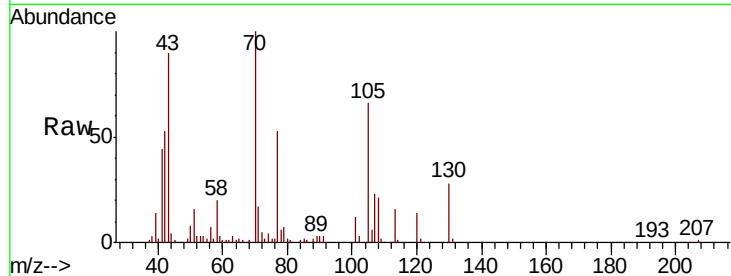
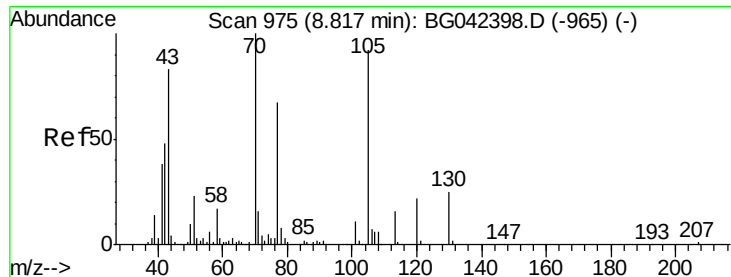
Tot Ion:	107	Resp:	67006
Ion	Ratio	Lower	Upper
107	100		
108	103.7	92.9	139.3
77	44.2	34.4	51.6
79	44.0	33.8	50.6



#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

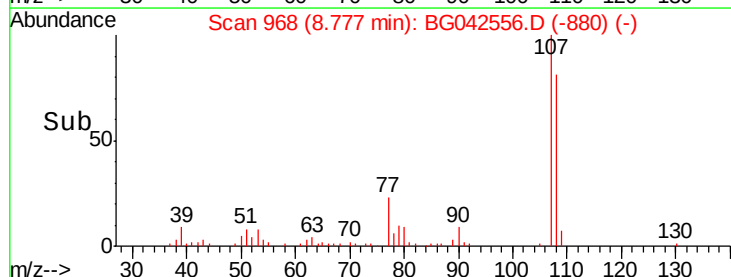
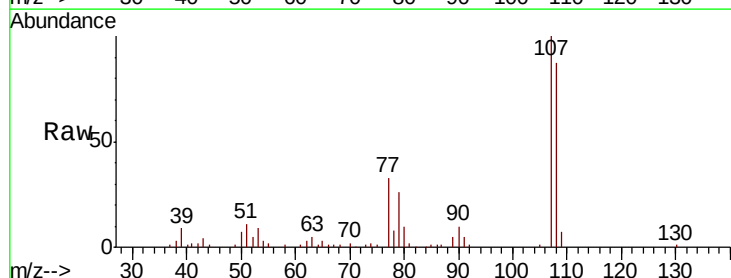
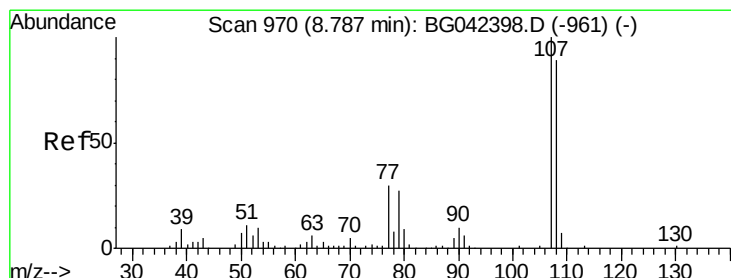
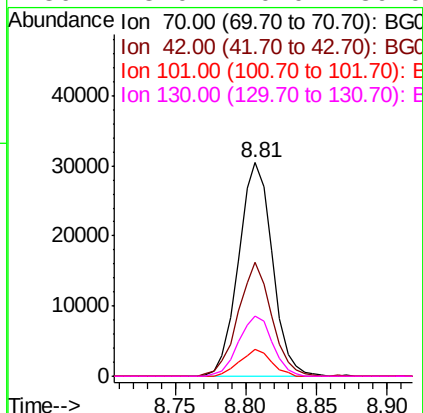




#19
n-Nitroso-di-n-propylamine
Concen: 35.576 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

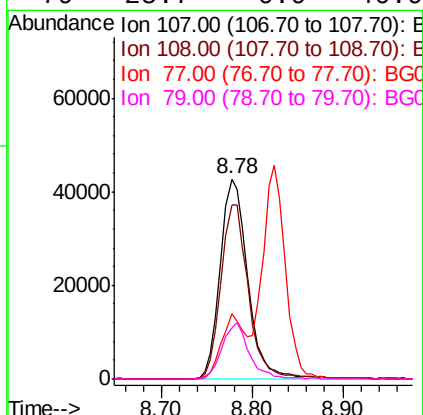
Instrument :
BNA_G
ClientSampleId :
PB122602BS

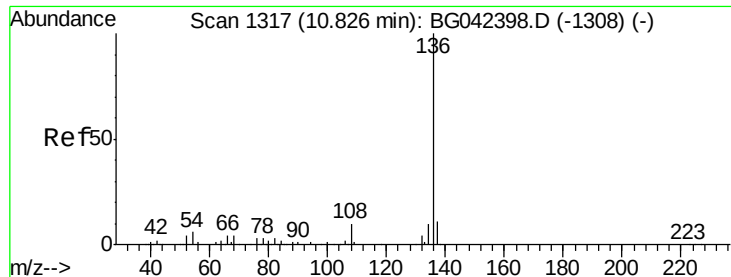
Tot Ion:	70	Resp:	51029
Ion	Ratio	Lower	Upper
70	100		
42	53.3	38.8	58.2
101	12.4	9.0	13.6
130	28.0	20.0	30.0



#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 :

PB122602BS

Tot Ion:136 Resp: 132424

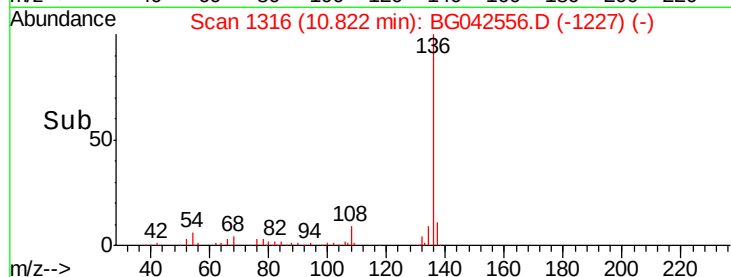
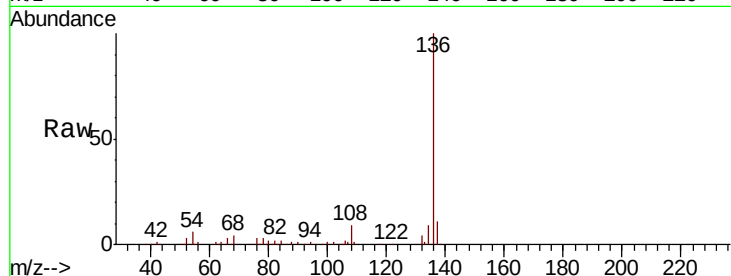
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.9 4.9 7.3

68 3.6 3.6 5.4

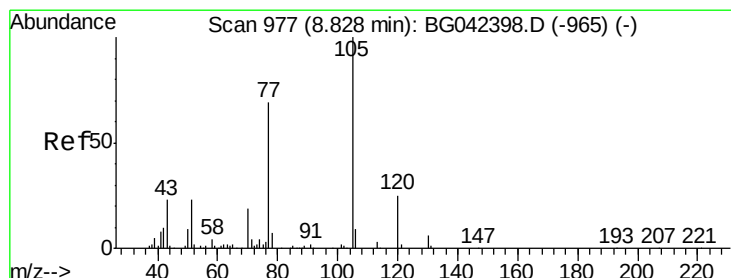
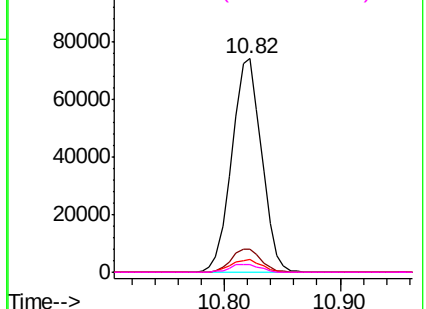


Abundance Ion 136.00 (135.70 to 136.70): E

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

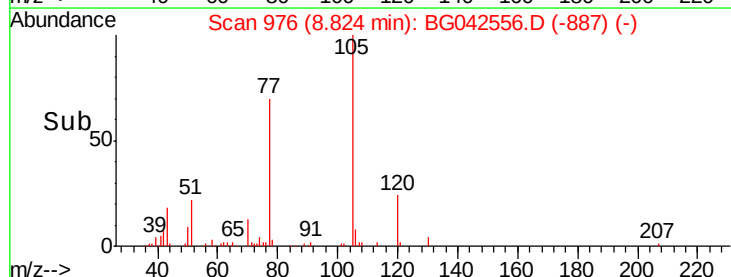
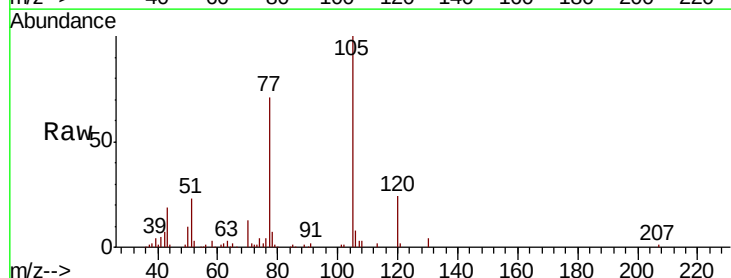
Ion Ratio Lower Upper

105 100

71 2.2 2.8 4.2#

51 22.7 18.7 28.1

120 24.5 20.1 30.1

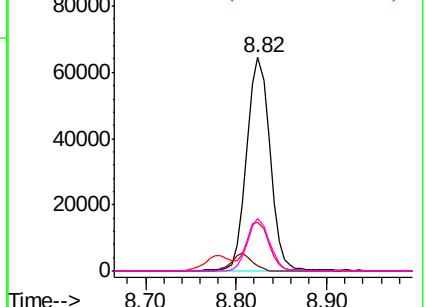


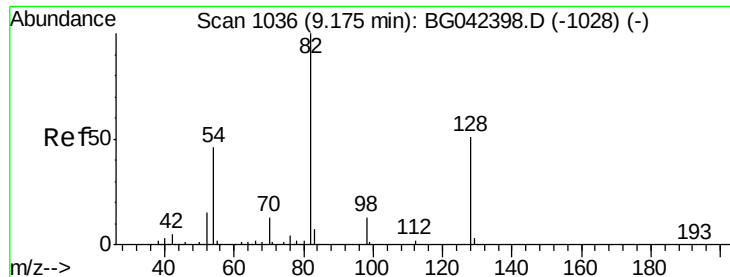
Abundance Ion 105.00 (104.70 to 105.70): E

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

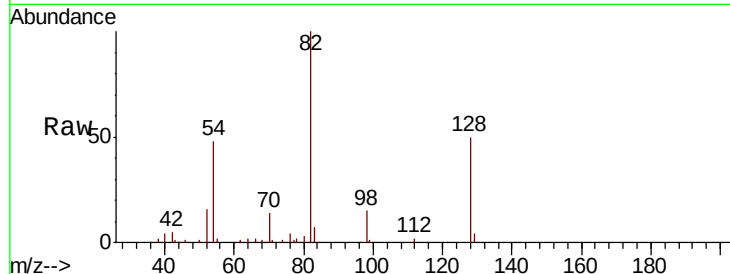




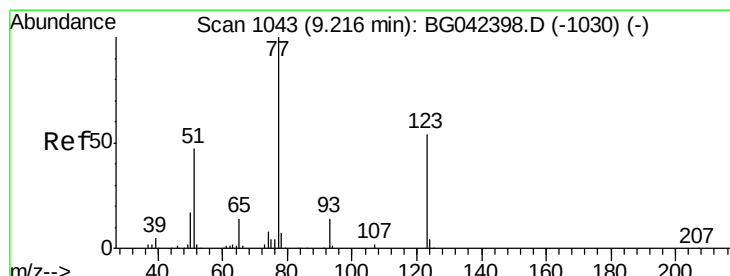
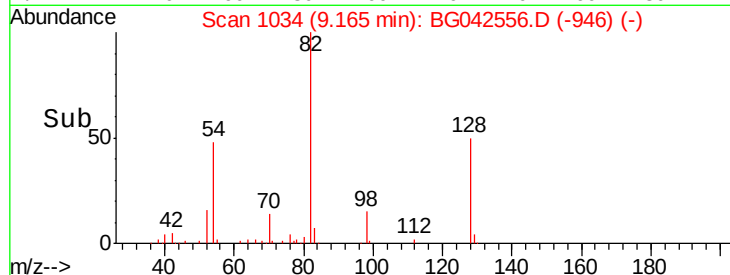
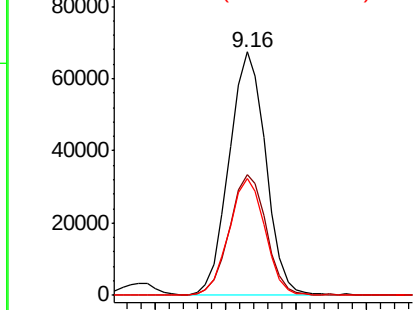
#23
 Nitrobenzene-d5
 Concen: 63.684 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

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

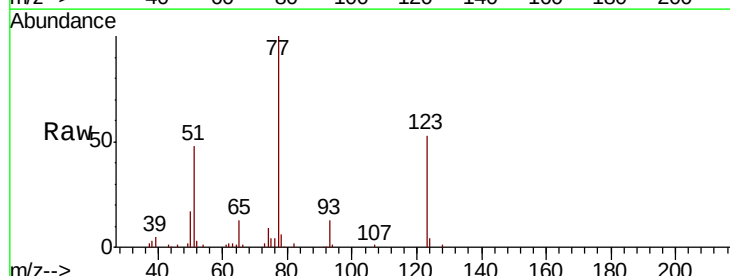


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

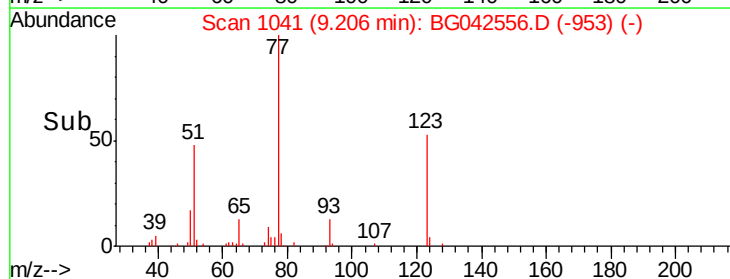
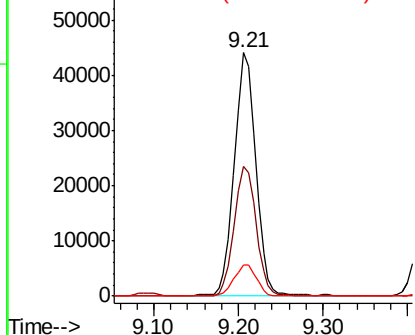


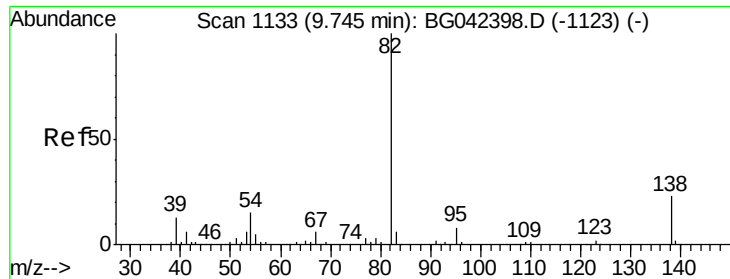
#24
 Nitrobenzene
 Concen: 39.928 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

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

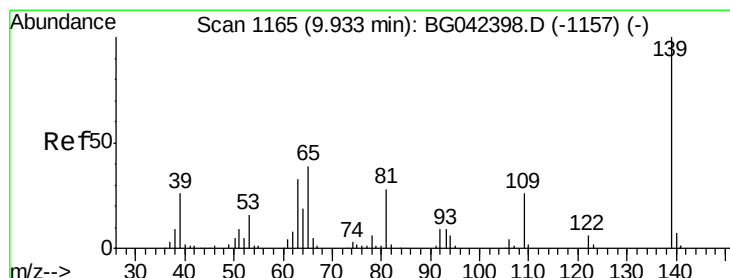
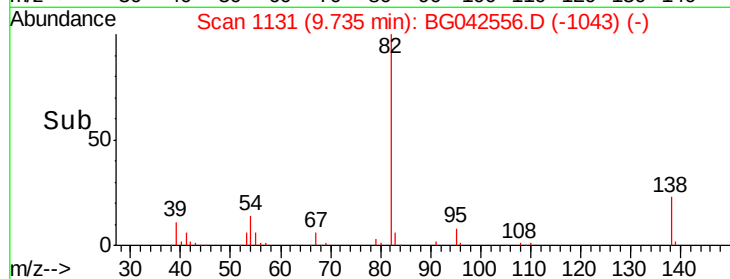
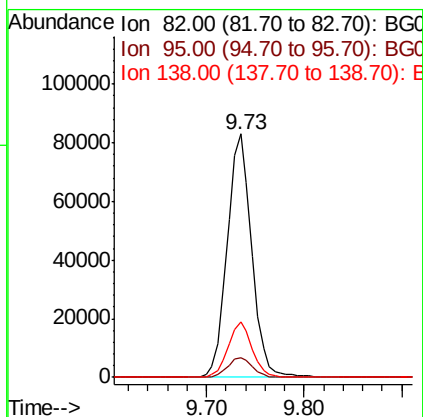
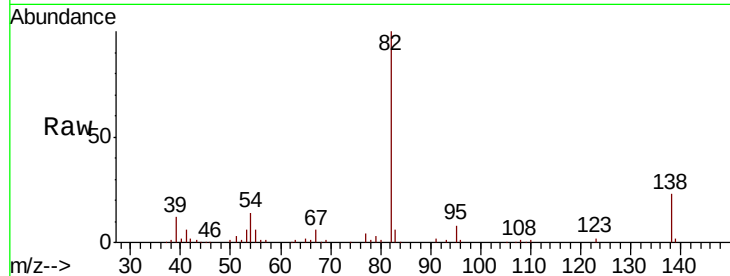




#25
Isophorone
Concen: 38.056 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

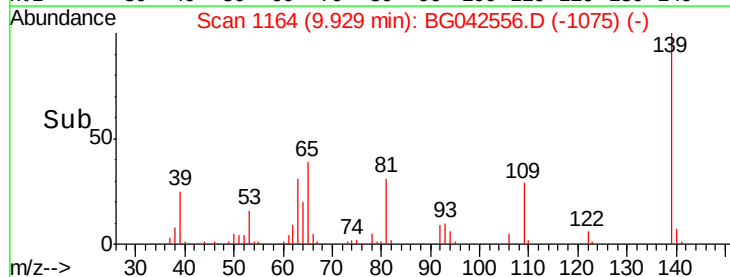
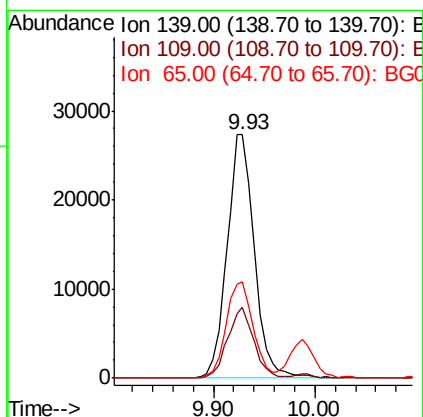
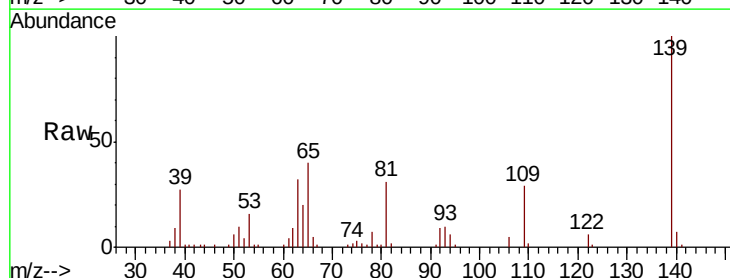
Instrument :
BNA_G
ClientSampleId :
PB122602BS

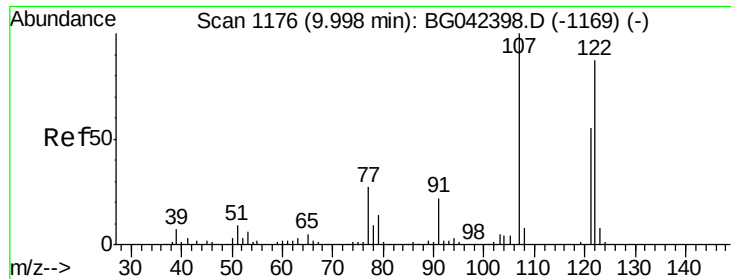
Tot Ion: 82 Resp: 143924
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 22.7 18.6 27.8



#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

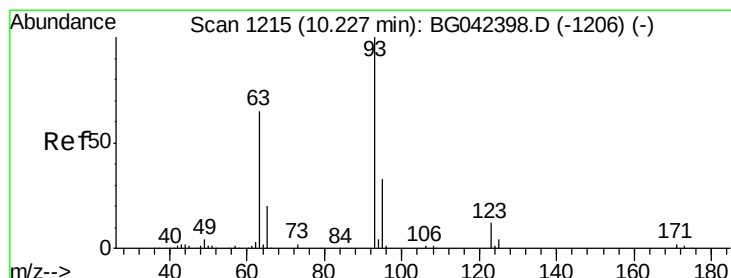
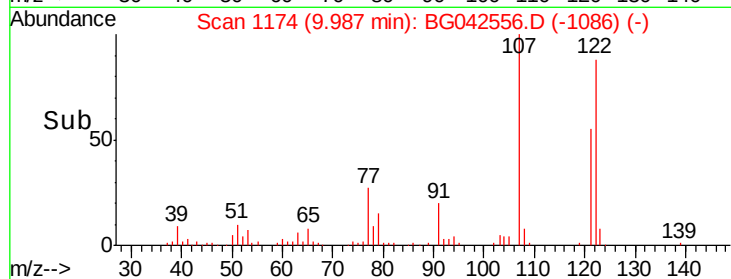
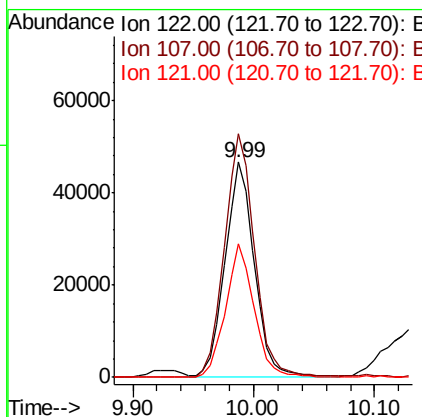
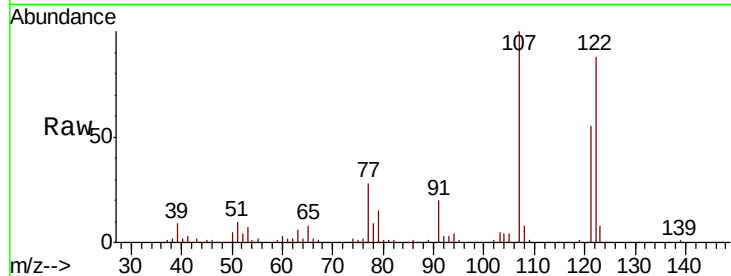




#27
 2,4-Dimethylphenol
 Concen: 46.440 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

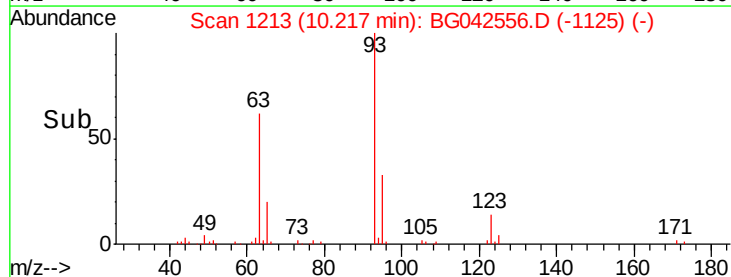
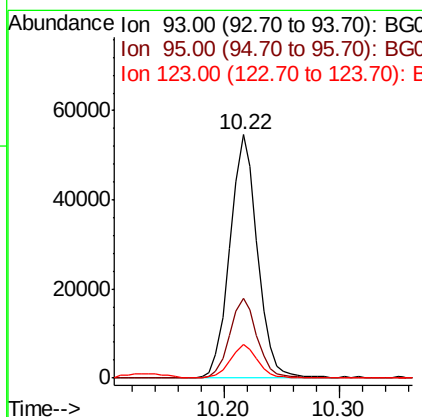
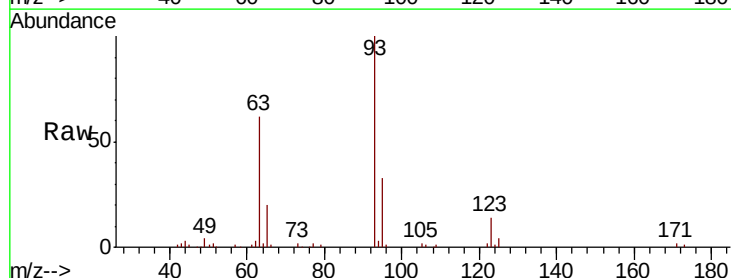
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

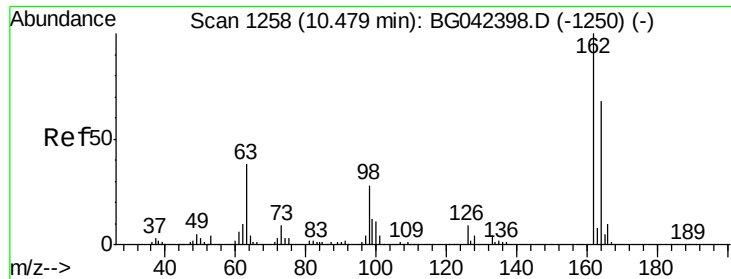
Tot Ion:122 Resp: 77793
 Ion Ratio Lower Upper
 122 100
 107 113.0 90.8 136.2
 121 61.9 49.6 74.4



#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

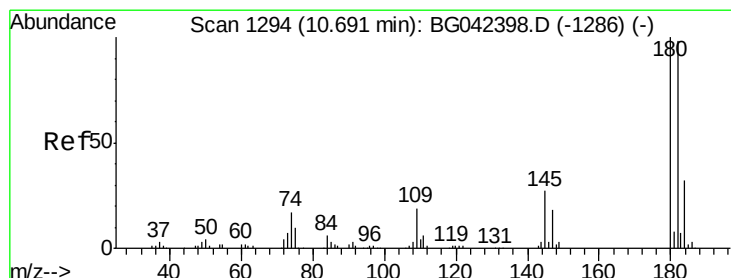
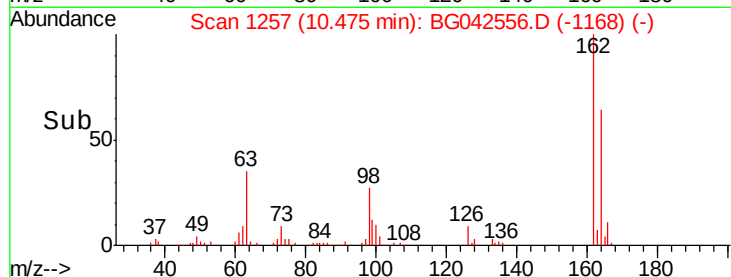
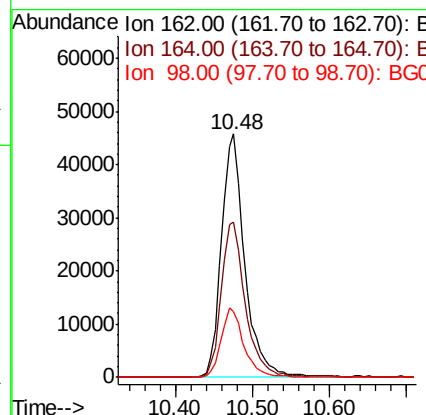
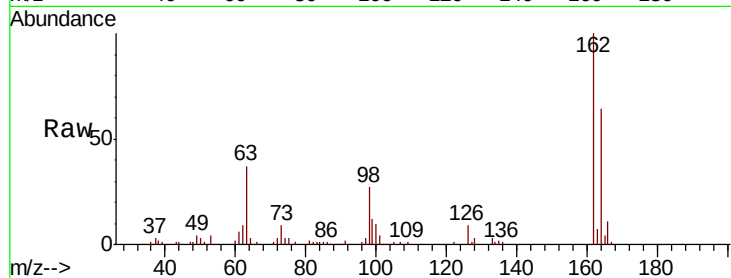




#29
 2,4-Dichlorophenol
 Concen: 43.786 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

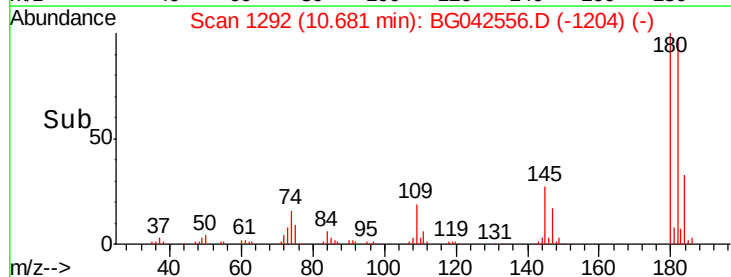
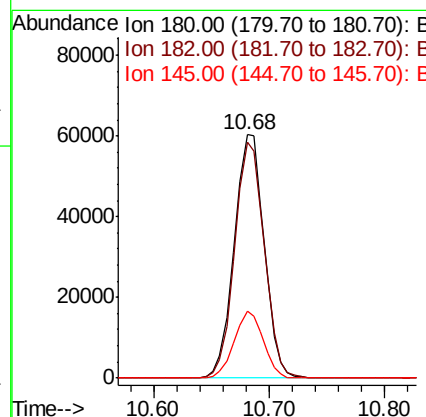
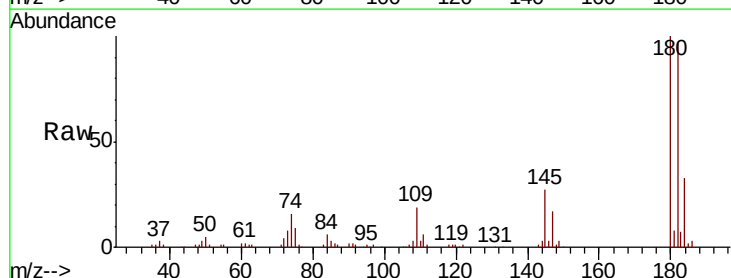
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

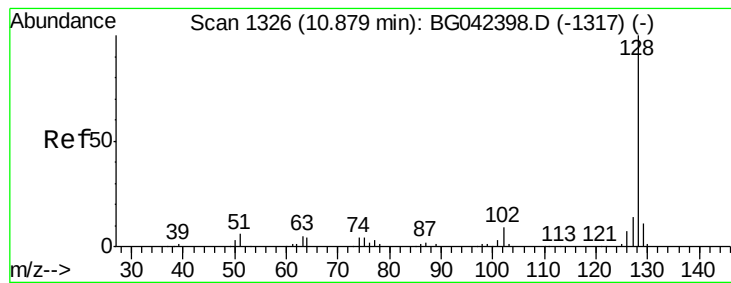
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	48.1	88.1
98	27.1	7.6	47.6



#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 :

PB122602BS

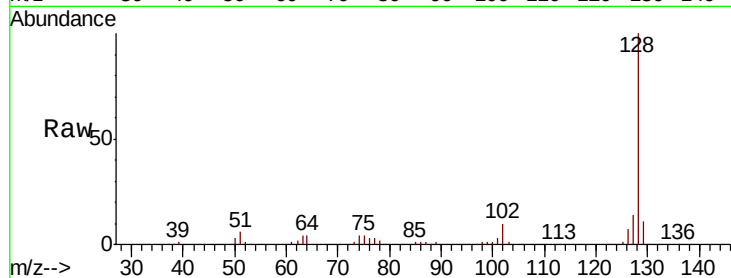
Tot Ion:128 Resp: 248941

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

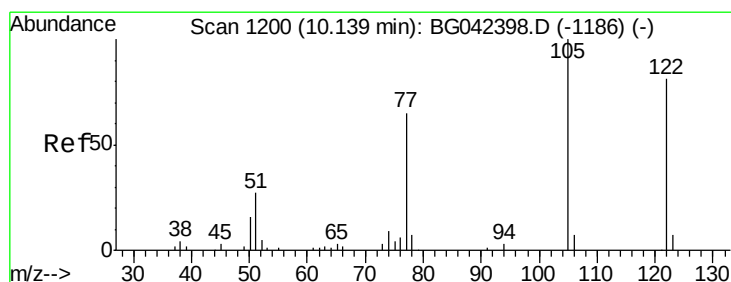
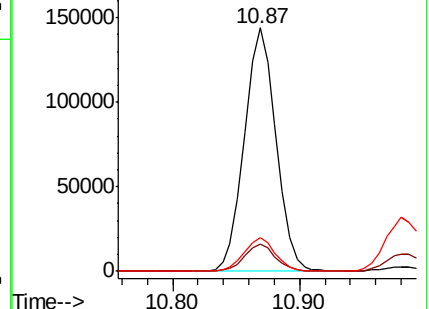
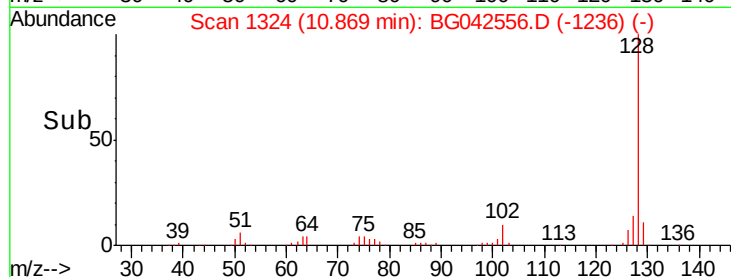
127 13.8 11.4 17.0



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

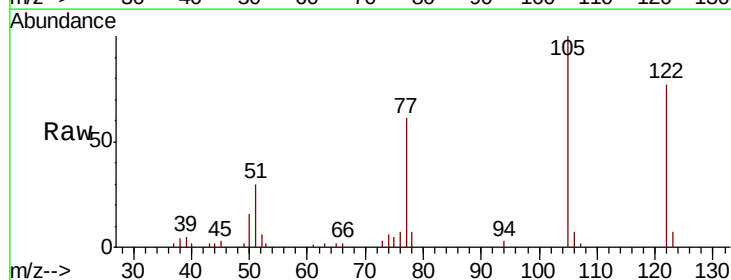
Tgt Ion:122 Resp: 35181

Ion Ratio Lower Upper

122 100

105 129.2 99.6 139.6

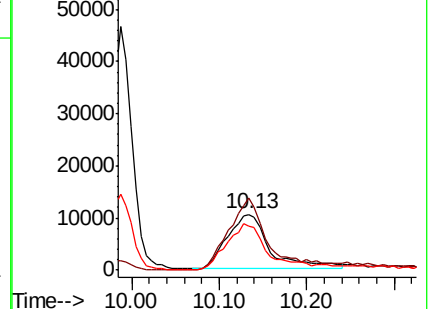
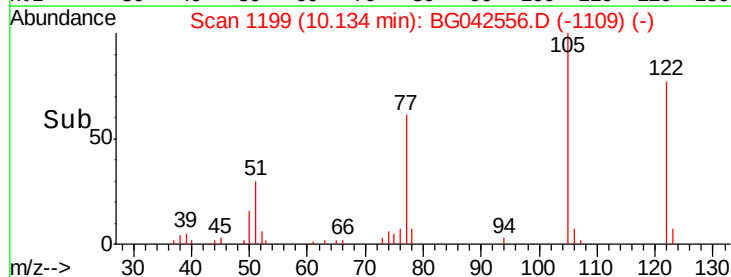
77 79.4 59.5 99.5

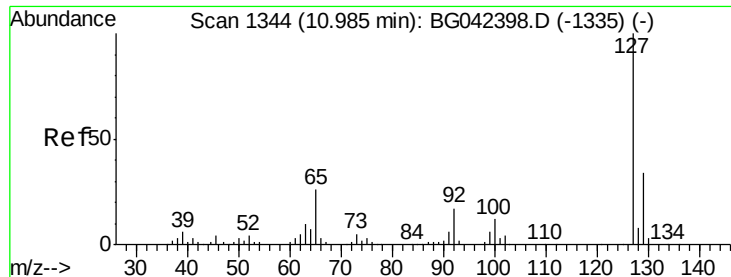


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

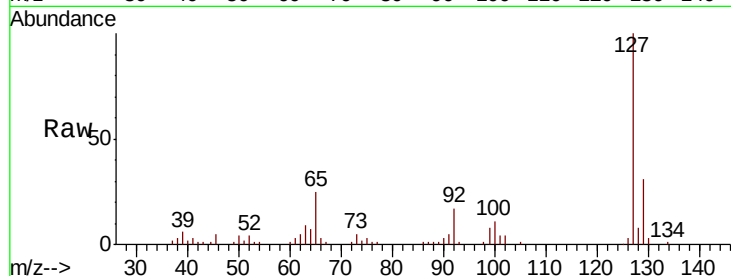




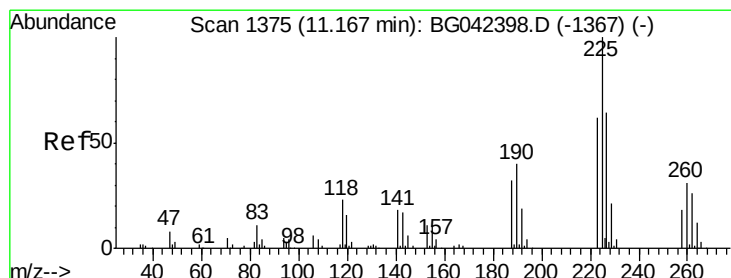
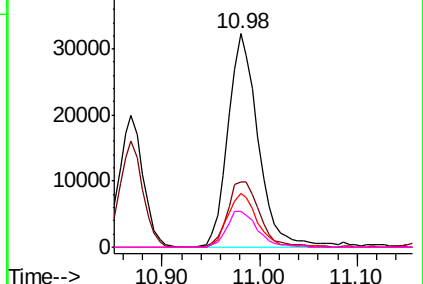
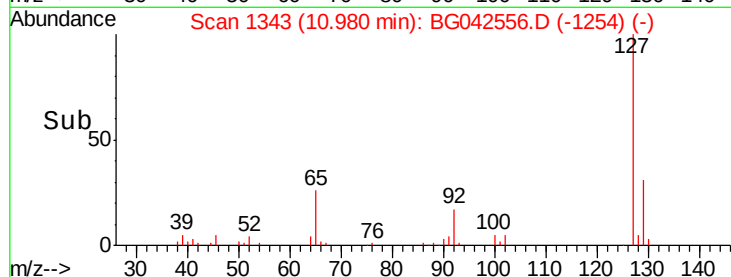
#33
4-Chloroaniline
Concen: 24.570 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :
PB122602BS

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

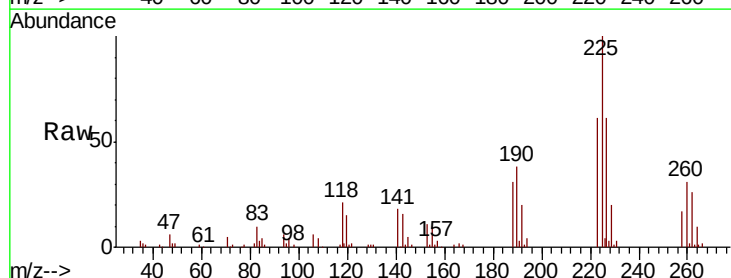


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

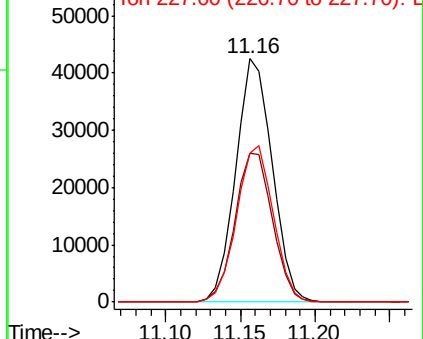
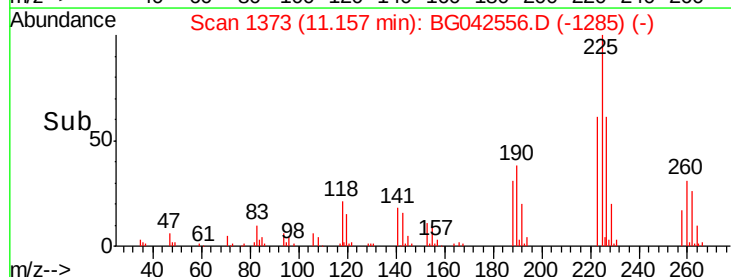


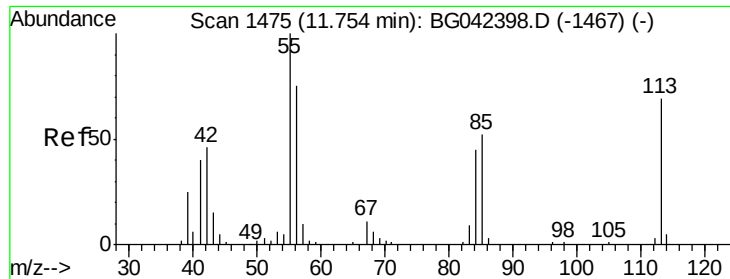
#34
Hexachlorobutadiene
Concen: 39.901 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

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

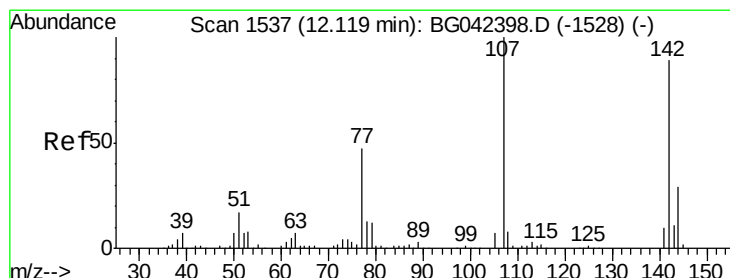
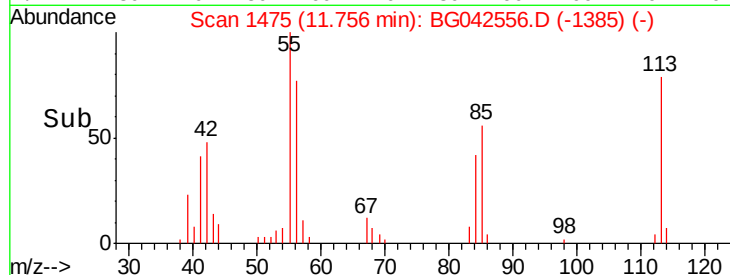
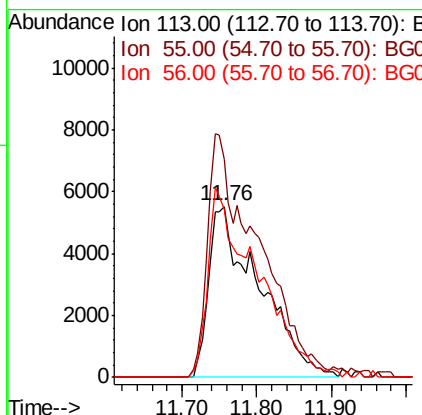
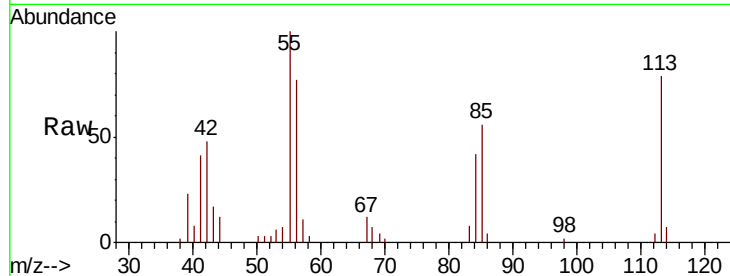




#35
 Caprolactam
 Concen: 35.304 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

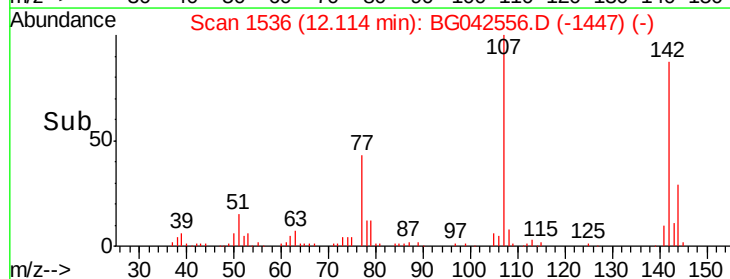
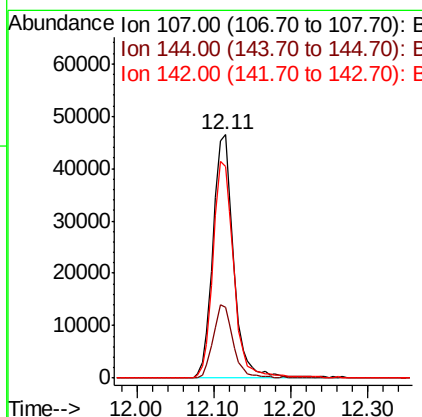
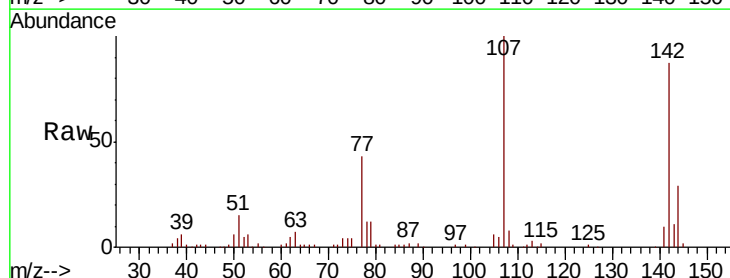
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

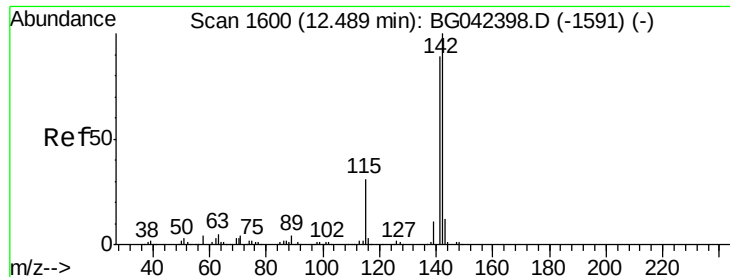
Tot Ion:113 Resp: 25818
 Ion Ratio Lower Upper
 113 100
 55 127.3 124.6 164.6
 56 98.6 88.3 128.3



#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

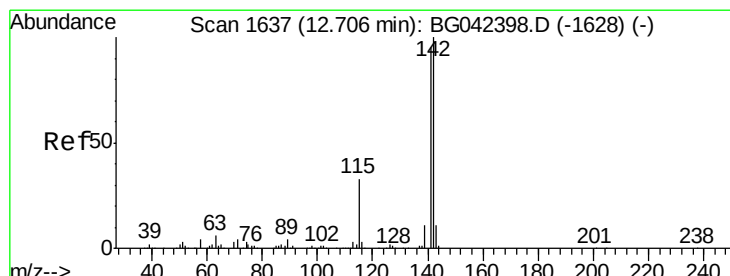
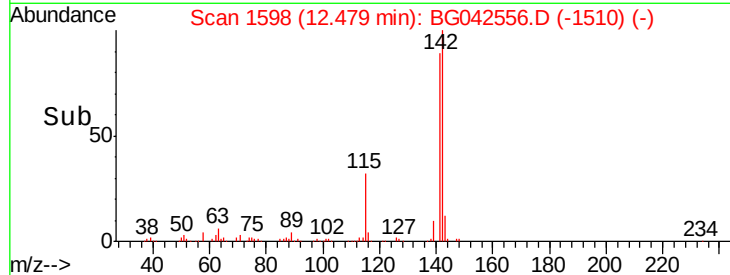
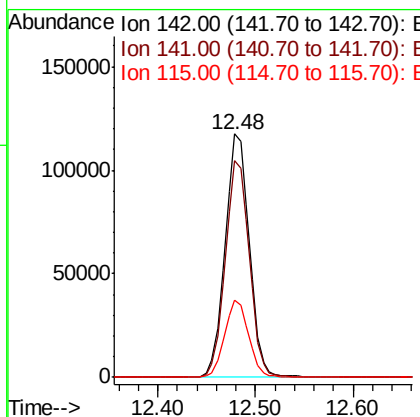
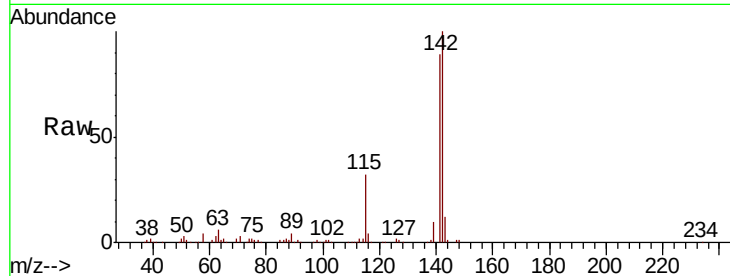




#37
 2-Methylnaphthalene
 Concen: 40.950 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

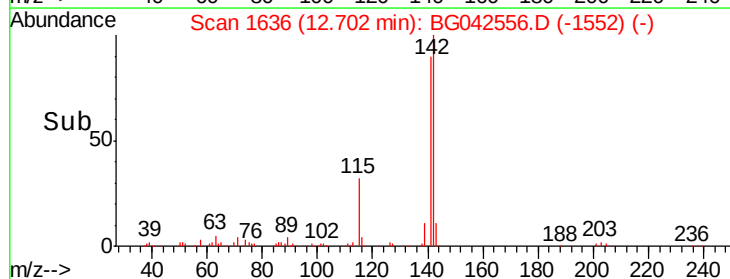
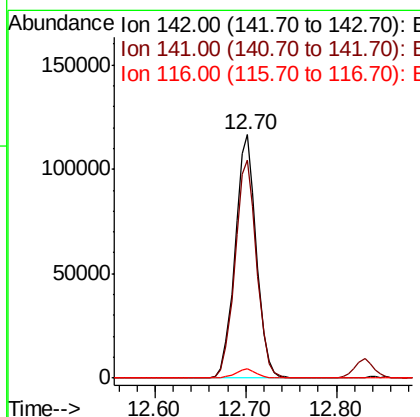
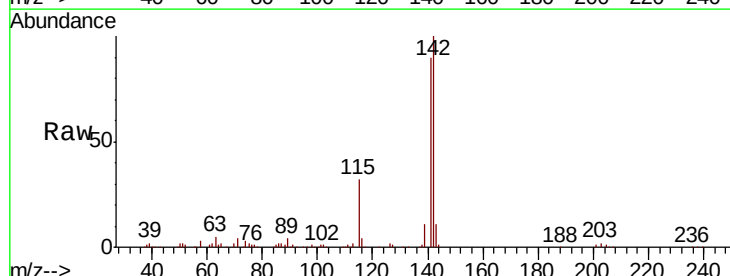
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

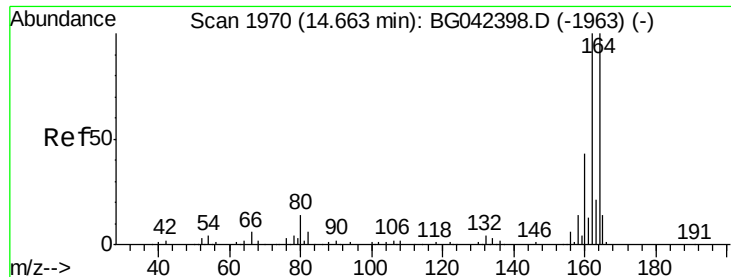
Tot Ion:	142	Resp:	202158
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	32.0	25.2	37.8



#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:	142	Resp:	190691
Ion	Ratio	Lower	Upper
142	100		
141	89.7	76.2	114.2
116	3.8	2.8	4.2





#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 :

PB122602BS

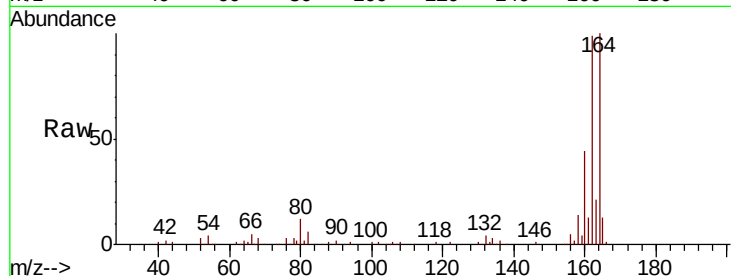
Tot Ion:164 Resp: 98266

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

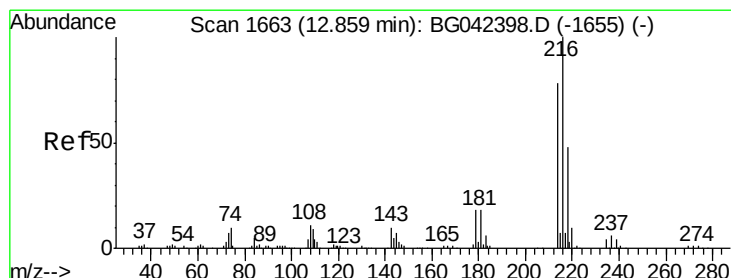
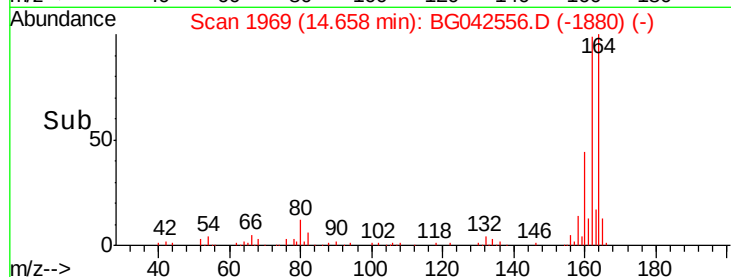
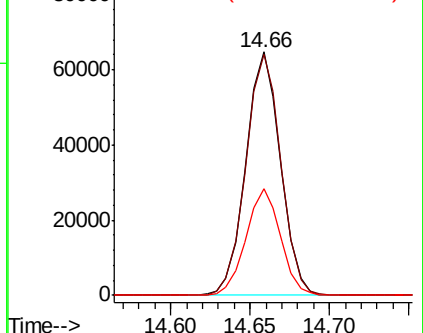
160 44.0 34.3 51.5



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

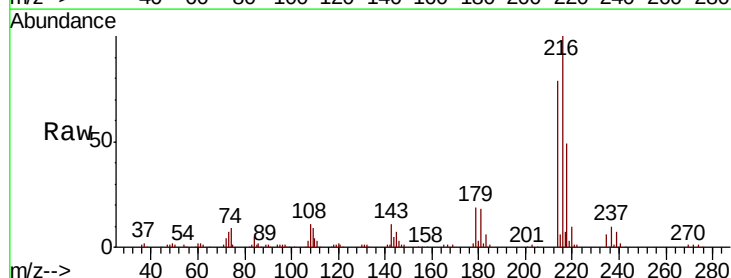
Ion Ratio Lower Upper

216 100

214 77.5 61.4 92.2

179 18.9 15.1 22.7

108 12.6 9.4 14.0

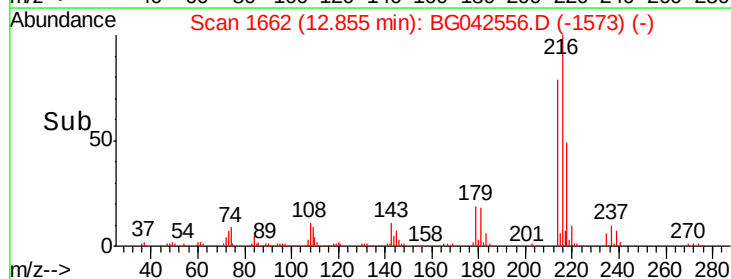
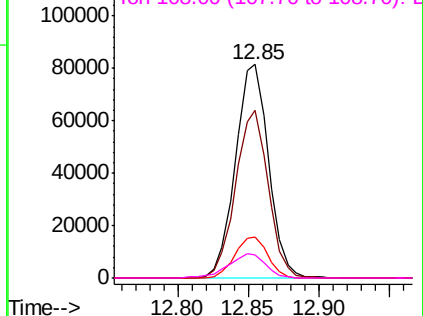


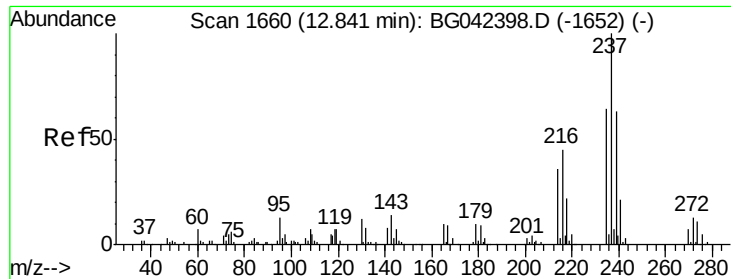
Abundance Ion 216.00 (215.70 to 216.70): E

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 :

PB122602BS

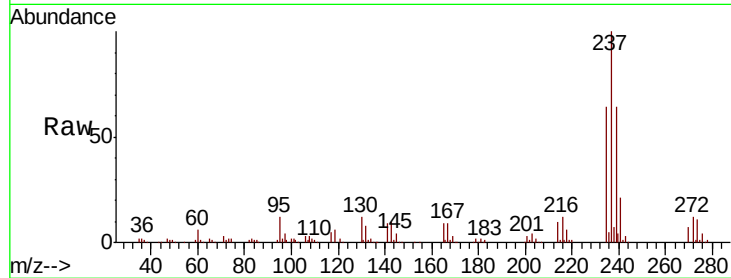
Tot Ion:237 Resp: 153414

Ion Ratio Lower Upper

237 100

235 64.3 43.7 83.7

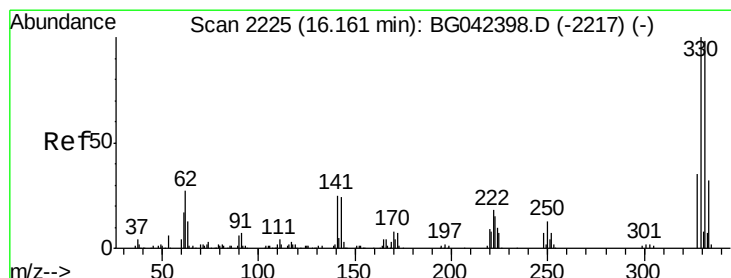
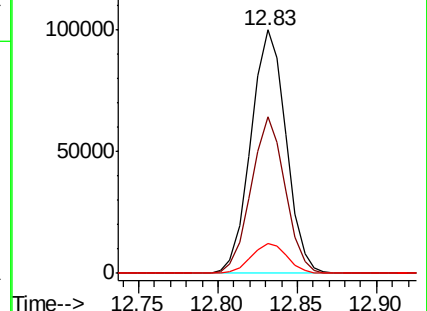
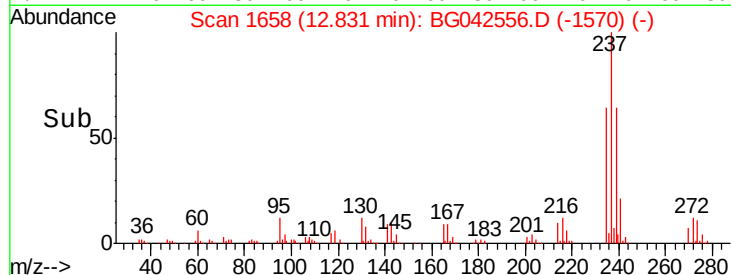
272 12.5 0.0 33.3



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

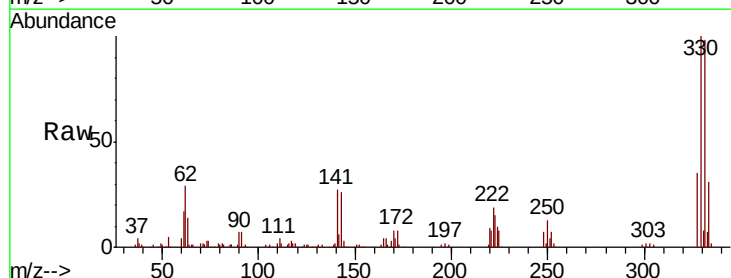
Tgt Ion:330 Resp: 151623

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

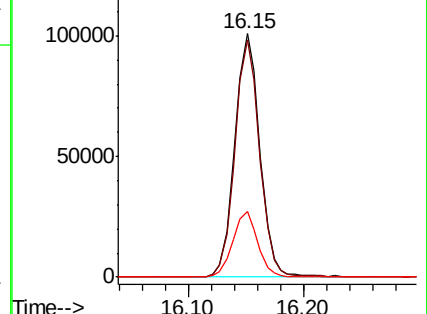
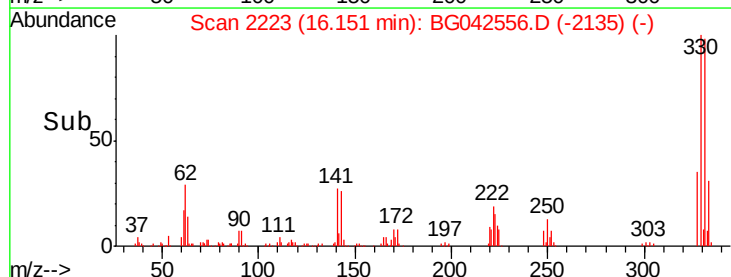
141 26.8 21.4 32.0

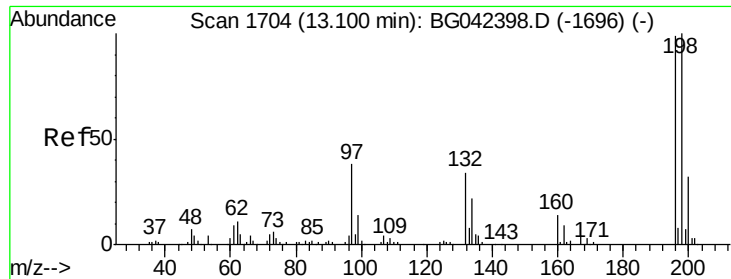


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

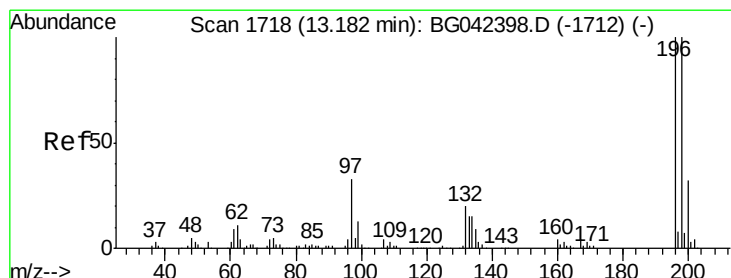
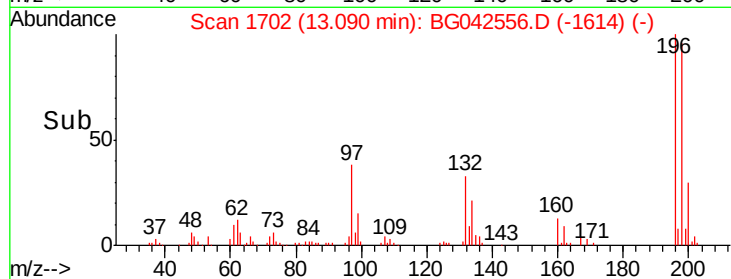
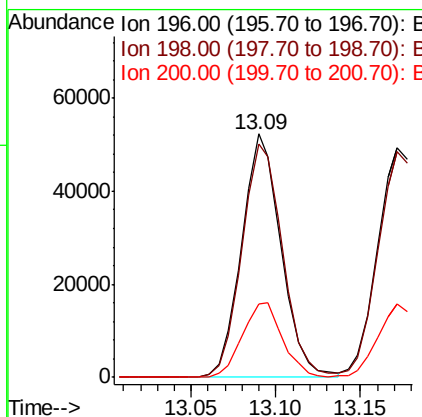
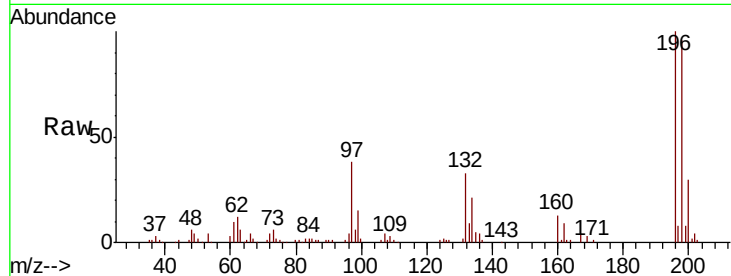




#43
 2,4,6-Trichlorophenol
 Concen: 39.790 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

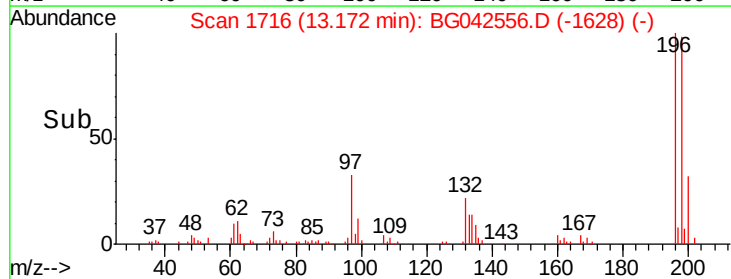
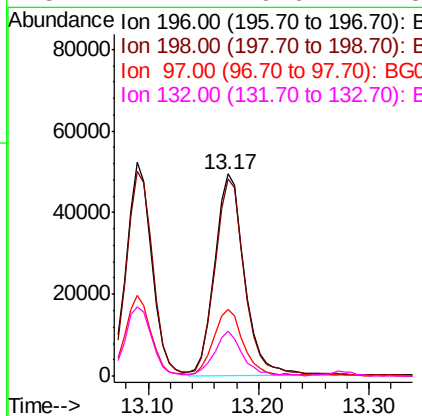
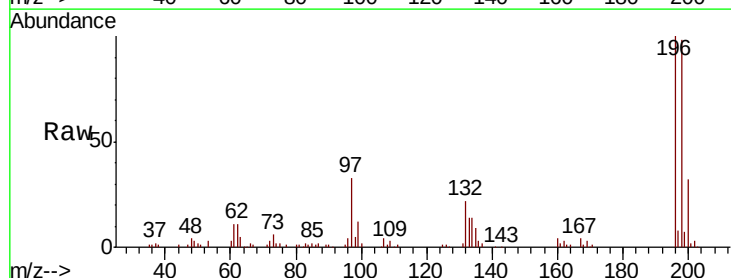
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

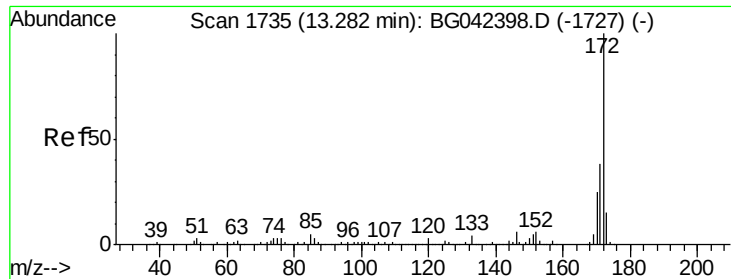
Tot Ion:196 Resp: 84873
 Ion Ratio Lower Upper
 196 100
 198 95.6 80.7 121.1
 200 30.0 25.7 38.5



#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

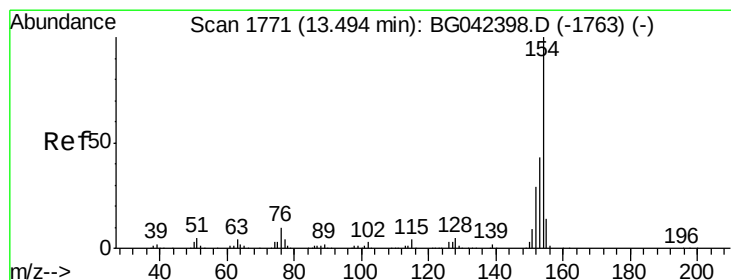
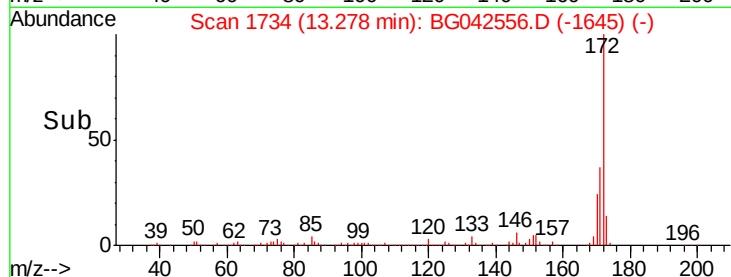
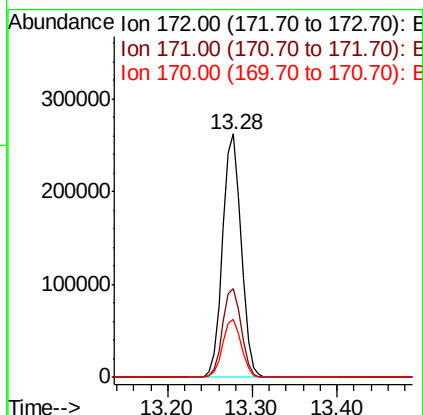
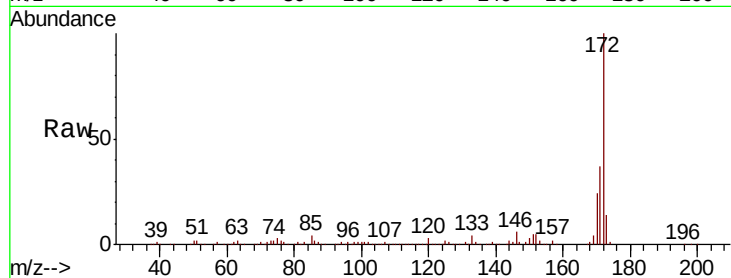




#45
2-Fluorobiphenyl
Concen: 68.834 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

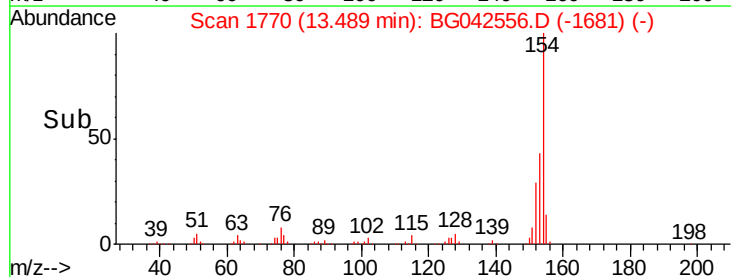
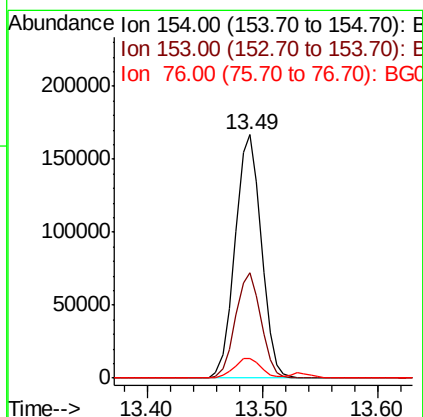
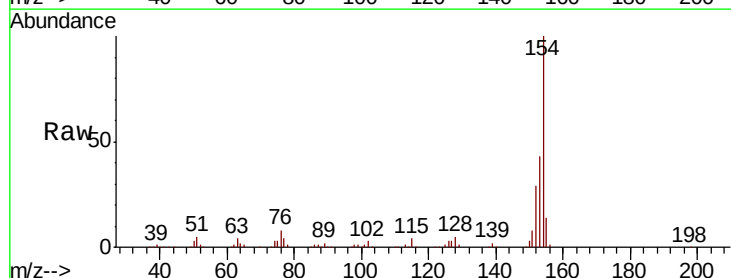
Instrument :
BNA_G
ClientSampleId :
PB122602BS

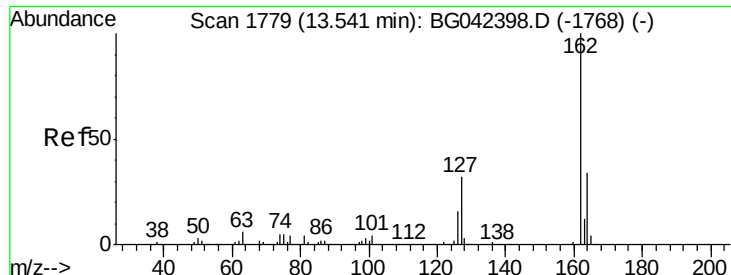
Tot Ion:172 Resp: 399934
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 20.2 30.2



#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:154 Resp: 261965
Ion Ratio Lower Upper
154 100
153 43.1 23.0 63.0
76 8.2 0.0 29.6

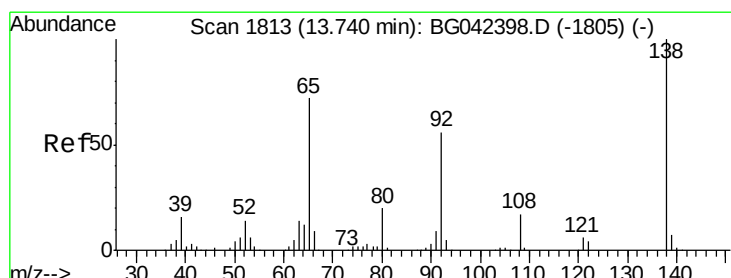
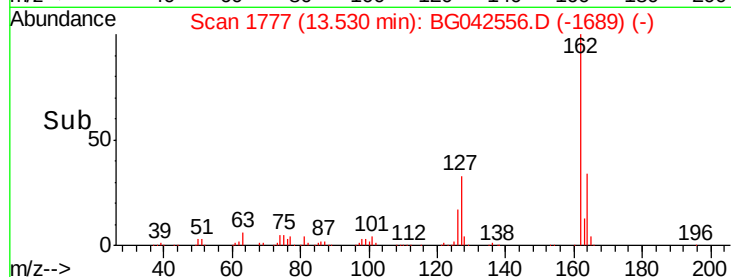
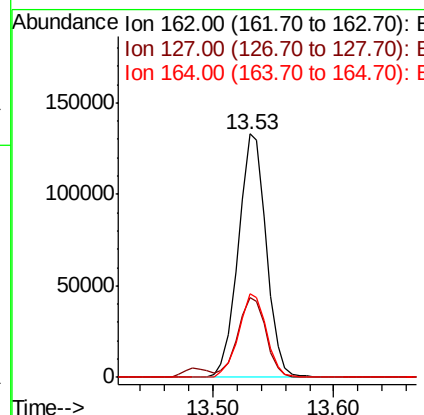
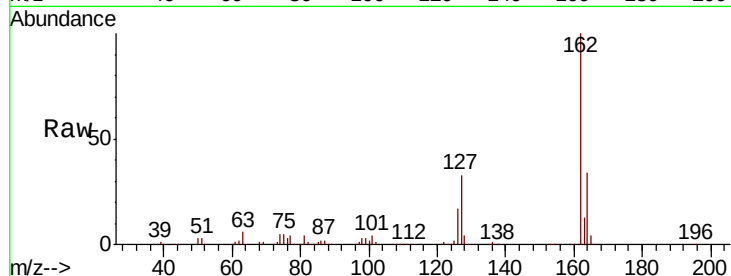




#47
2-Chloronaphthalene
Concen: 39.197 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

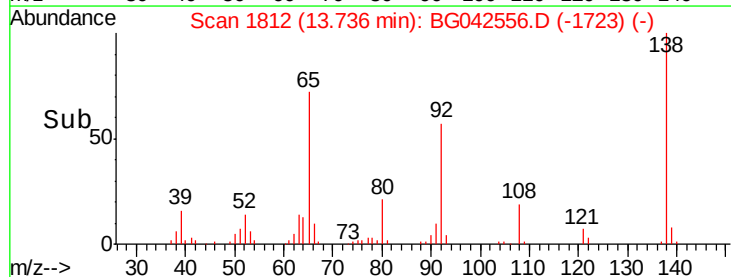
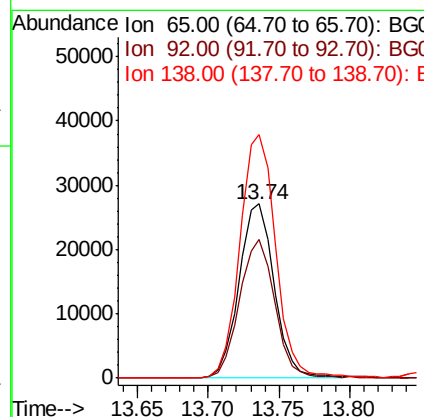
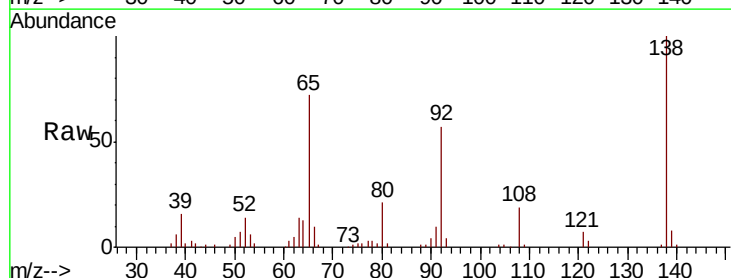
Instrument :
BNA_G
ClientSampleId :
PB122602BS

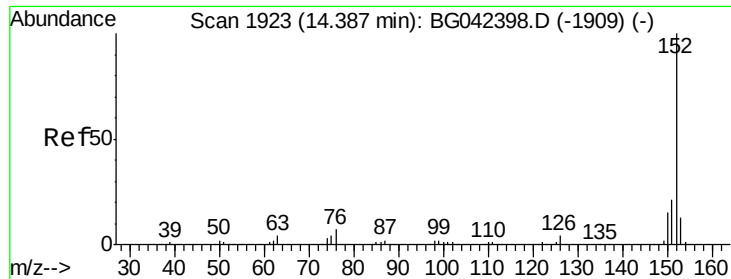
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.6	26.0	39.0
164	34.3	27.4	41.0



#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





#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

ClientSampled :

PB122602BS

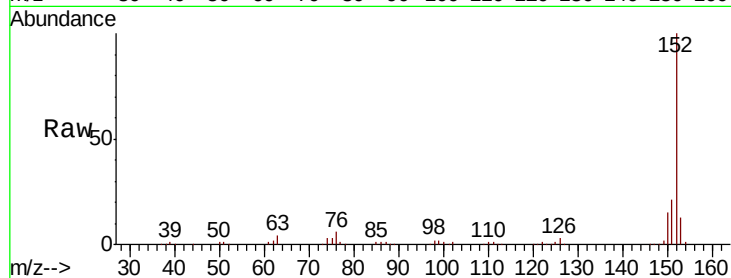
Tot Ion:152 Resp: 341954

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

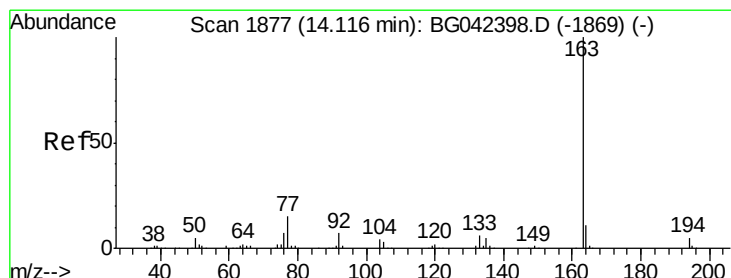
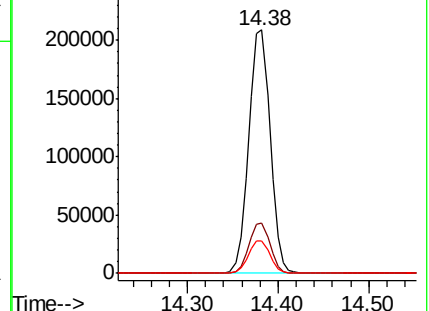
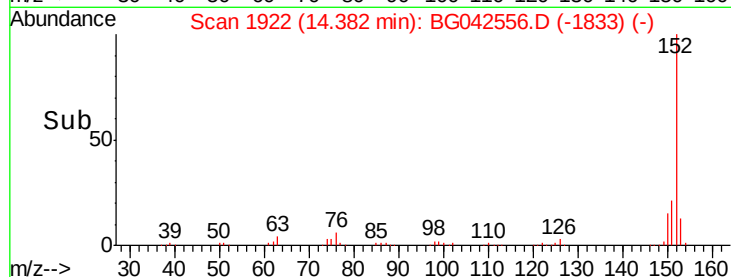
153 13.1 10.6 16.0



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

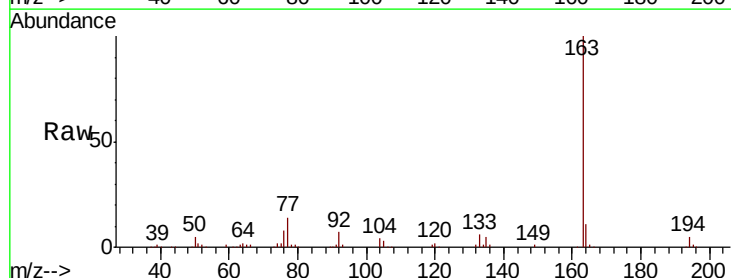
Tgt Ion:163 Resp: 273672

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

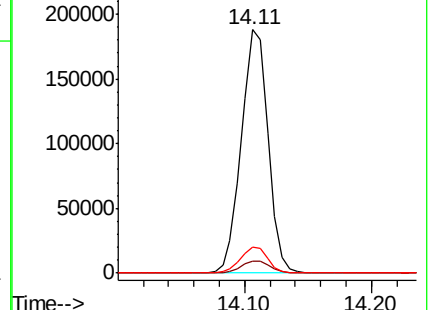
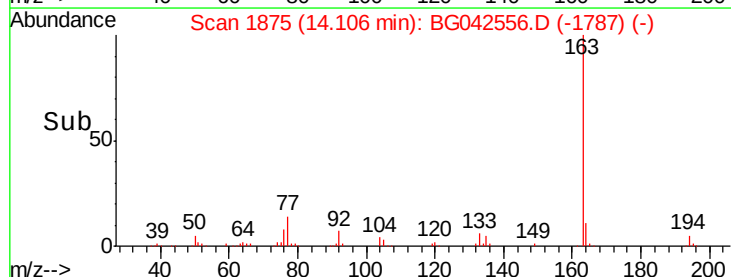
164 10.7 8.8 13.2

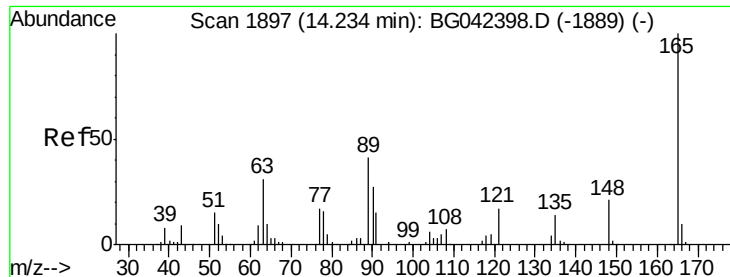


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

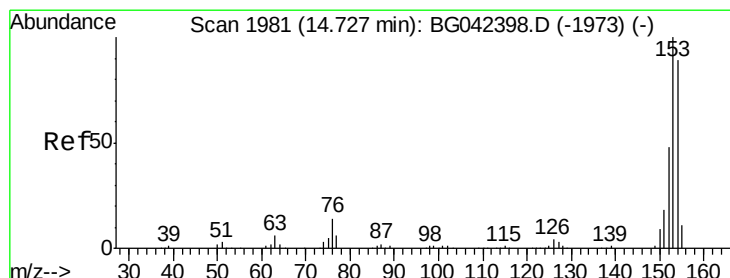
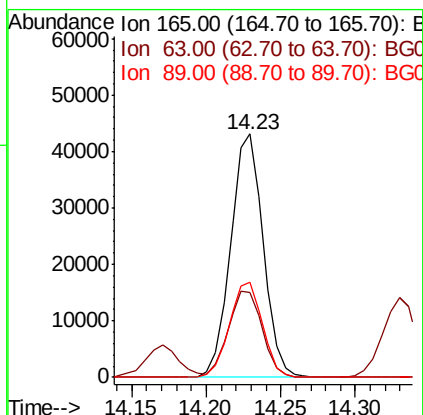
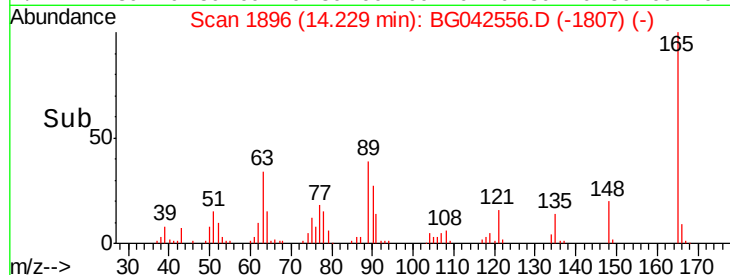
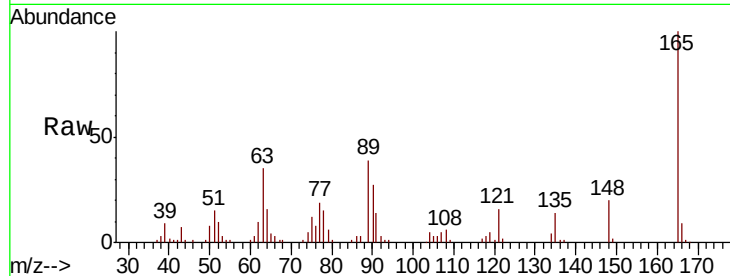




#51
 2,6-Dinitrotoluene
 Concen: 39.888 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

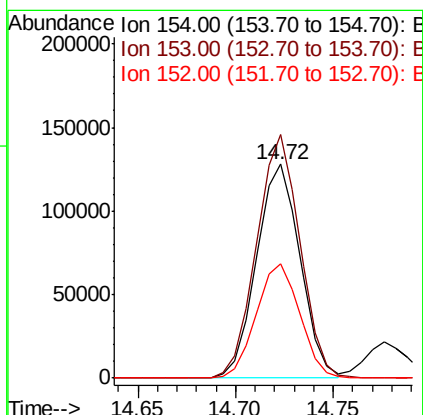
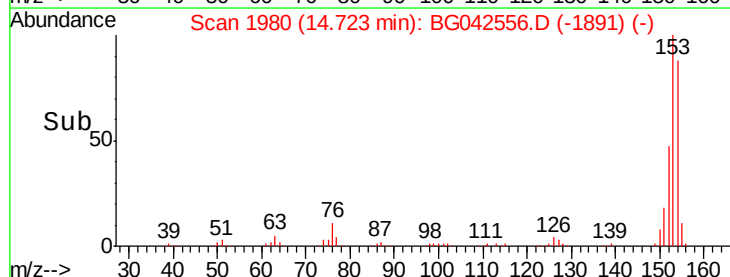
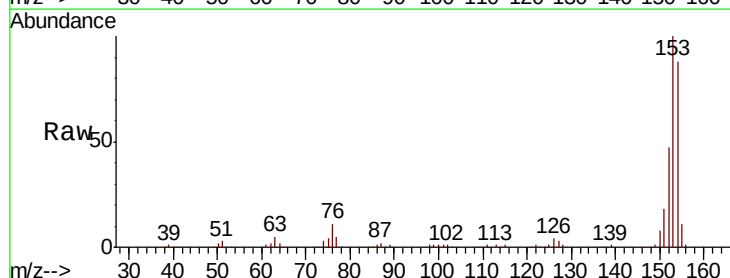
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

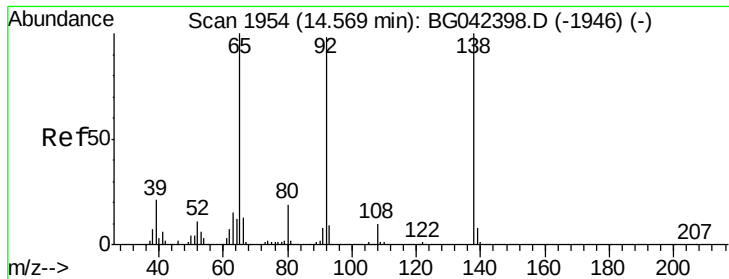
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.1	30.6	45.8
89	39.1	32.6	49.0



#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 :

PB122602BS

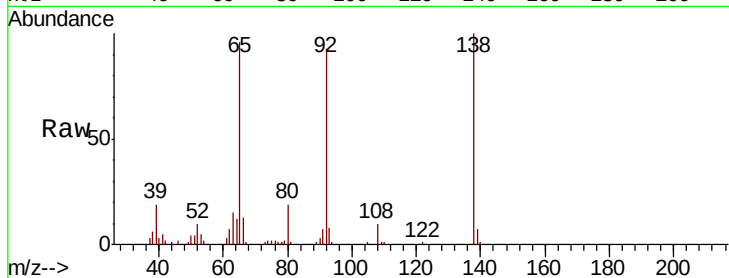
Tot Ion:138 Resp: 45222

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

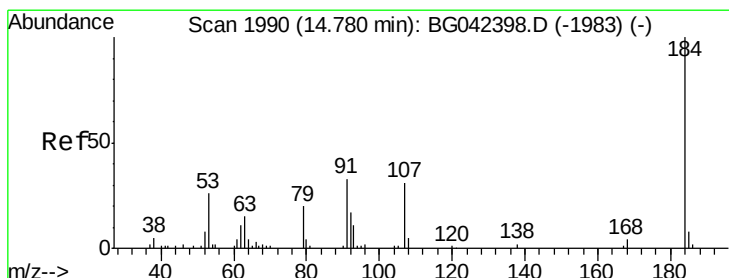
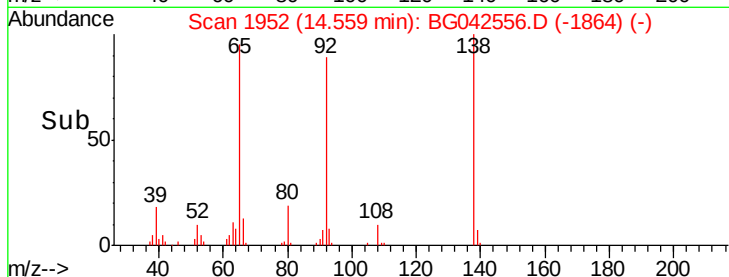
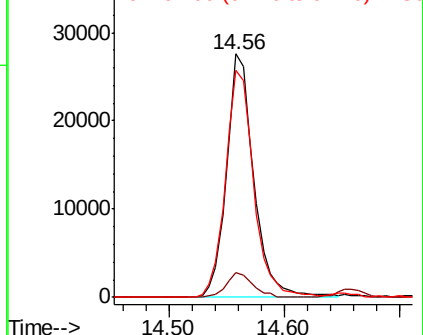
92 93.1 78.2 117.4



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

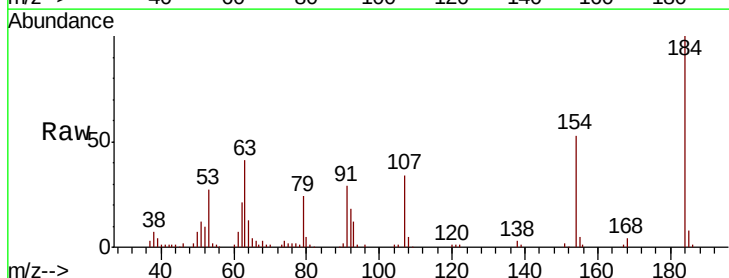
Tgt Ion:184 Resp: 73050

Ion Ratio Lower Upper

184 100

63 40.8 31.7 47.5

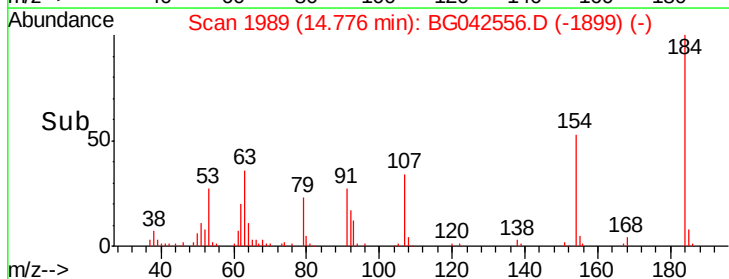
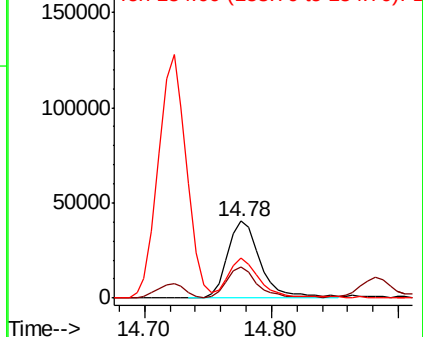
154 52.8 42.0 63.0

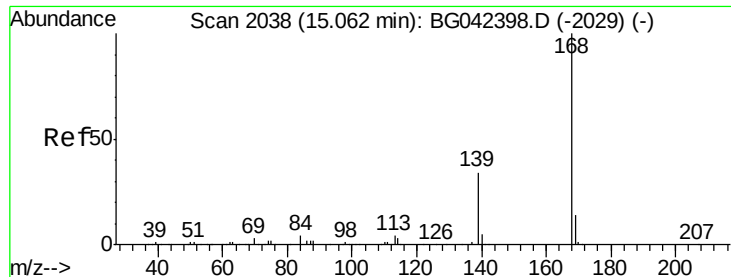


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

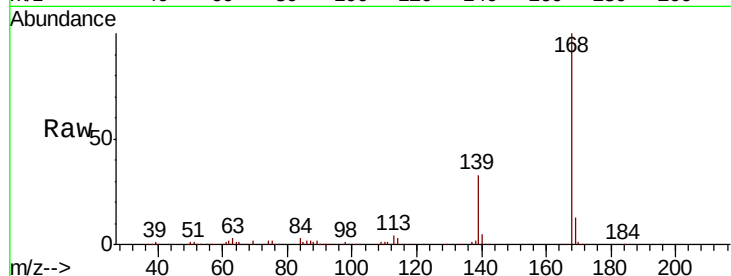




#55
Dibenzofuran
Concen: 41.477 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :
PB122602BS

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

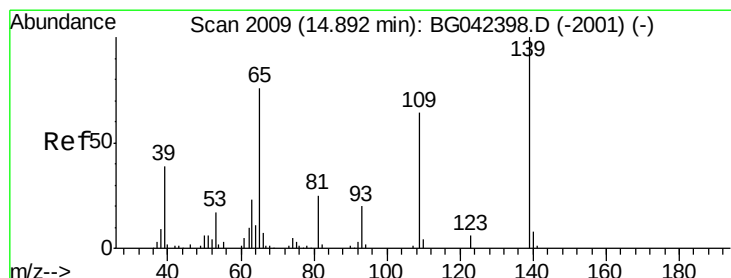
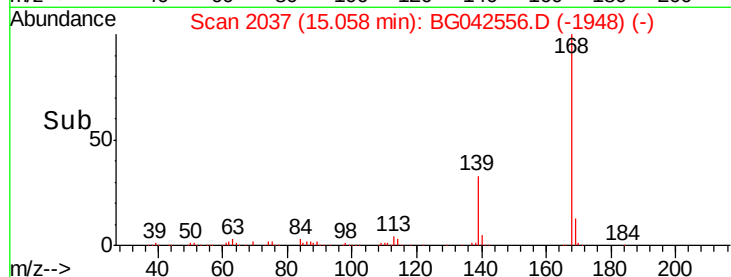
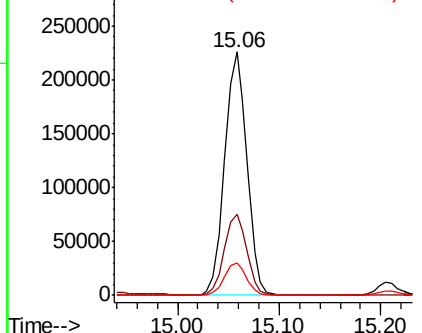


Abundance

Ion 168.00 (167.70 to 168.70): E

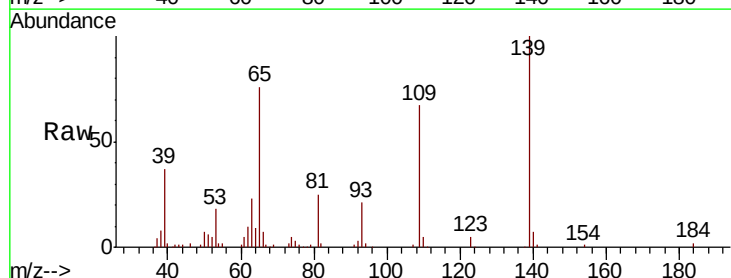
Ion 139.00 (138.70 to 139.70): E

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

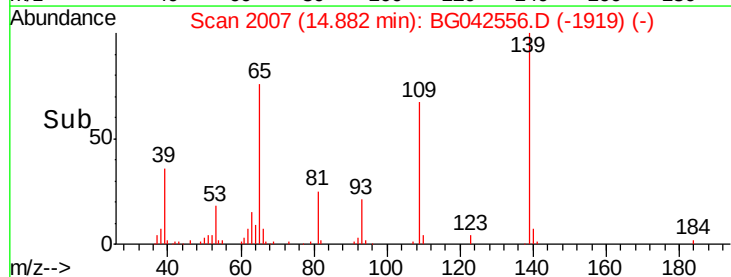
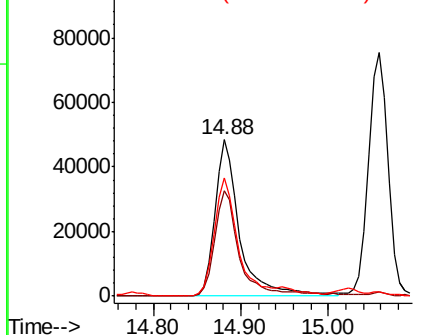


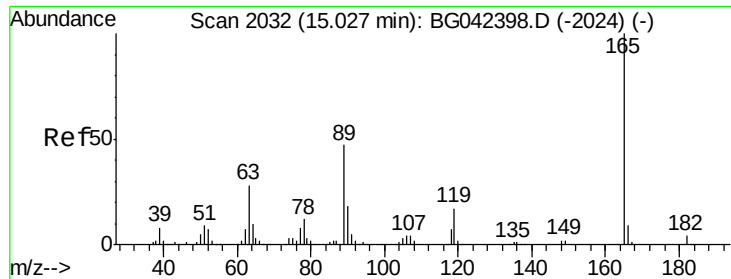
Abundance

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

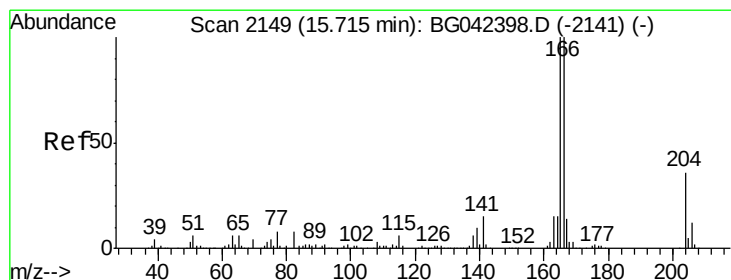
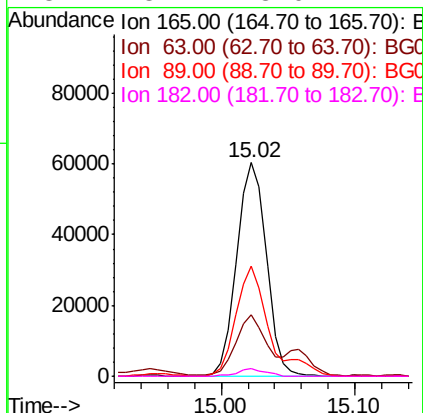
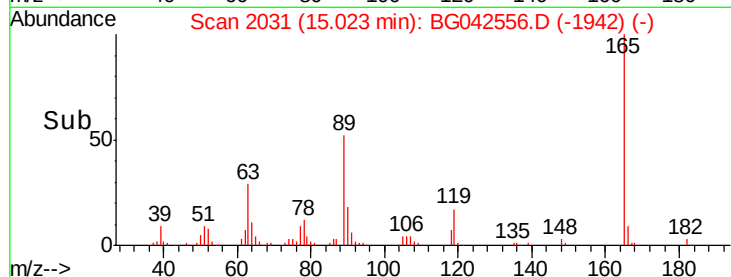
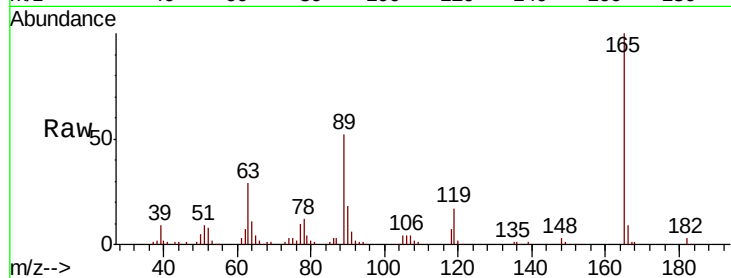




#57
 2,4-Dinitrotoluene
 Concen: 39.507 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

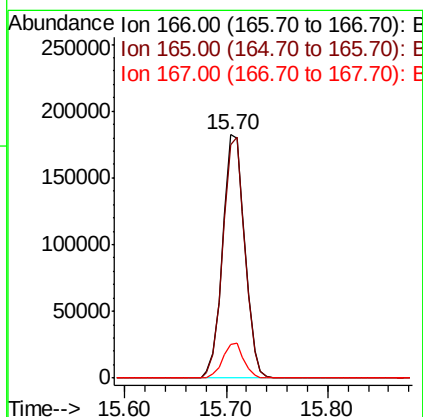
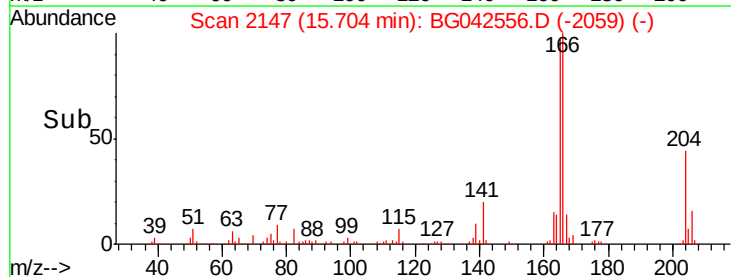
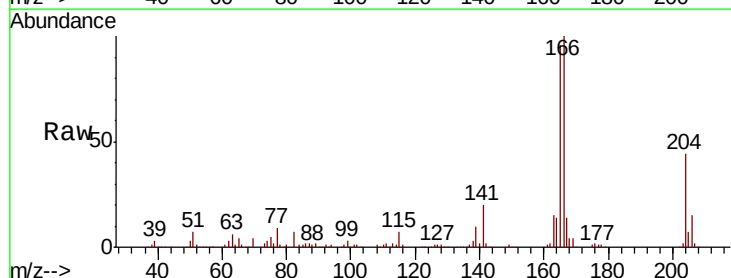
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

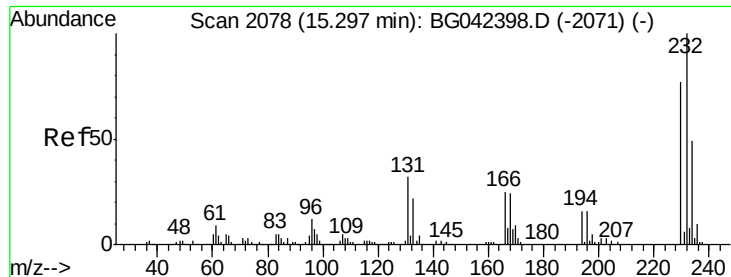
Tot Ion:165	Resp:	92977	
Ion Ratio	Lower	Upper	
165 100			
63 28.5	22.5	33.7	
89 51.6	37.8	56.6	
182 3.4	3.0	4.4	



#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

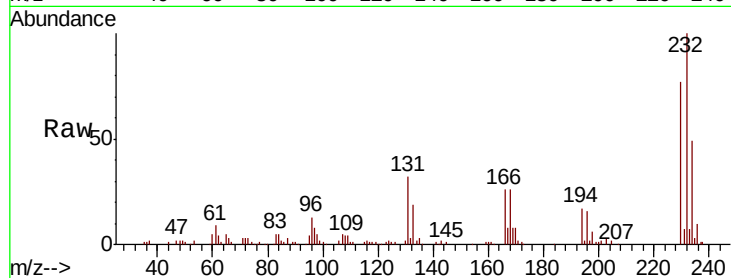




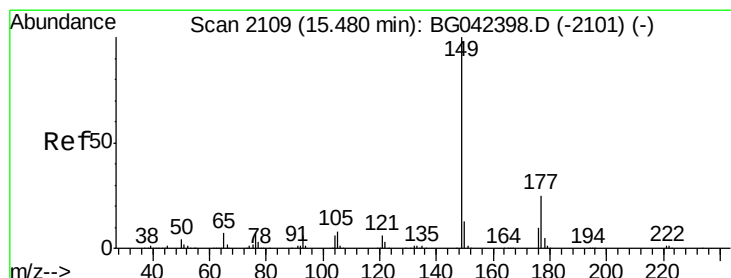
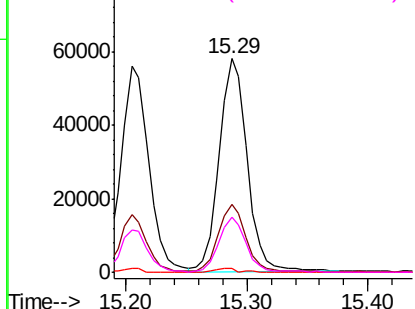
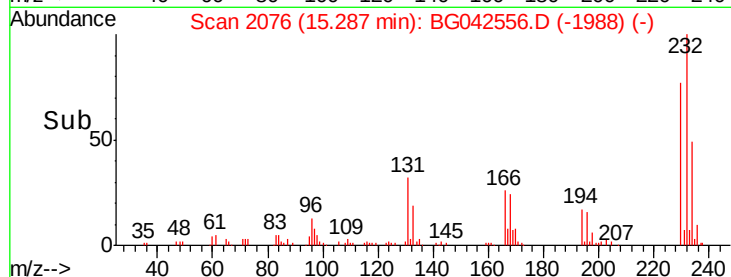
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.194 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

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

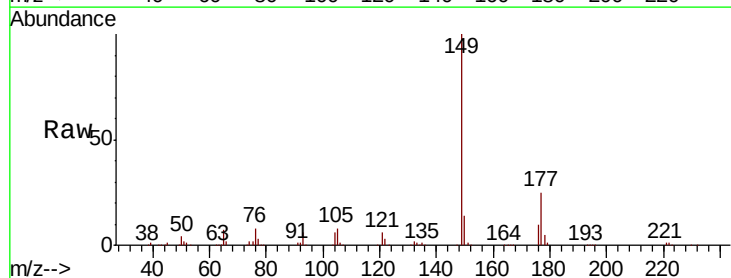


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

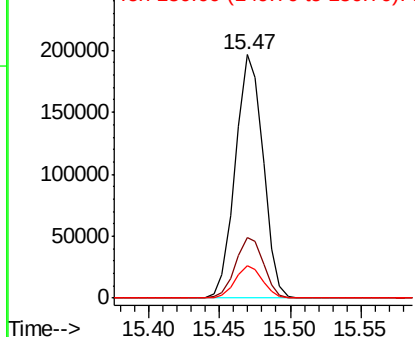
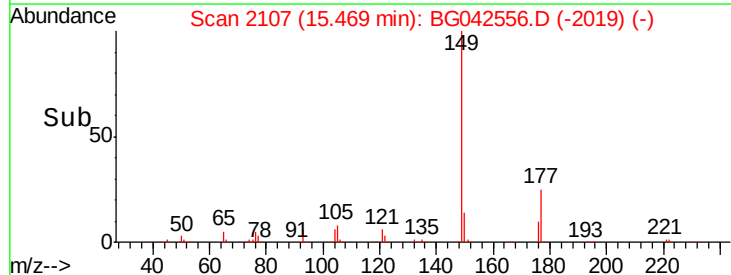


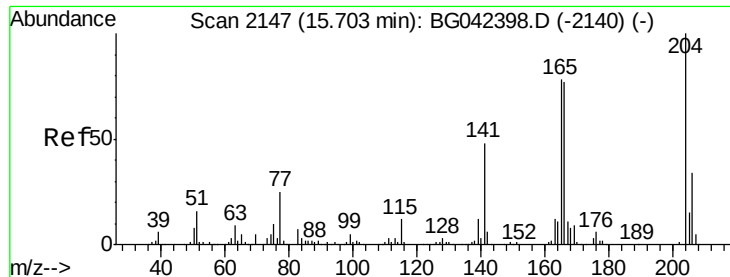
#60
 Diethylphthalate
 Concen: 38.870 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

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

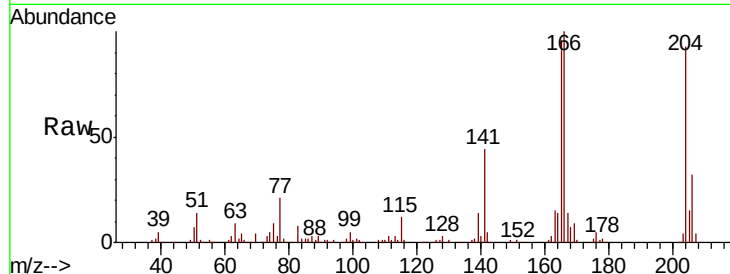




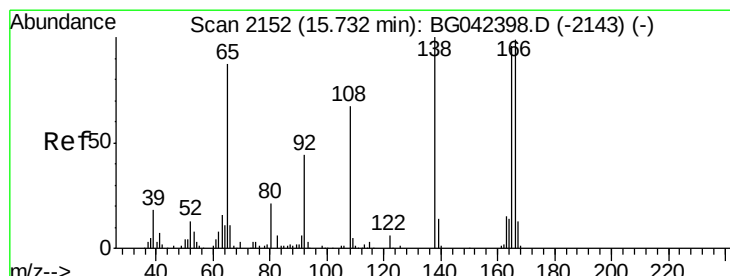
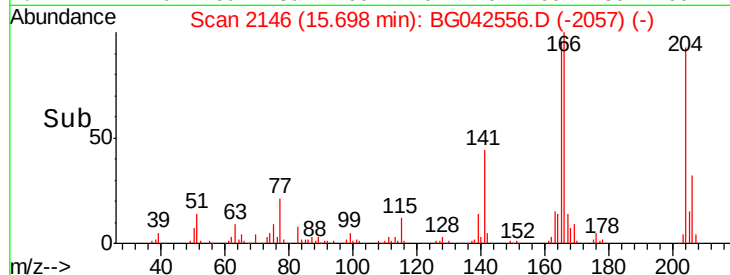
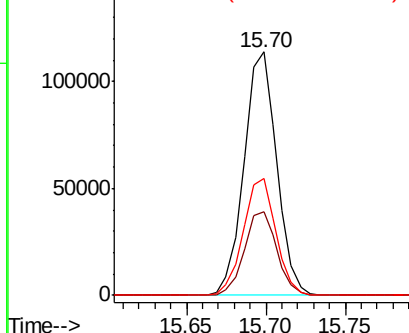
#61
4-Chlorophenyl-phenylether
Concen: 39.804 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

Instrument :
BNA_G
ClientSampleId :
PB122602BS

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

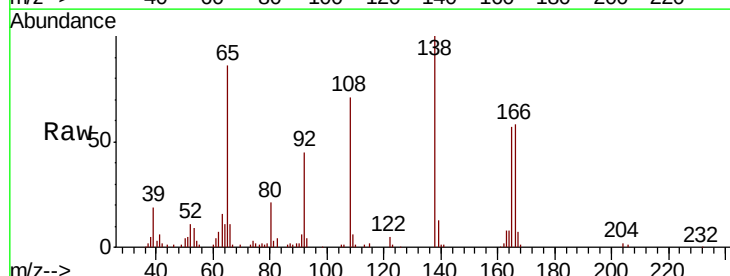


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

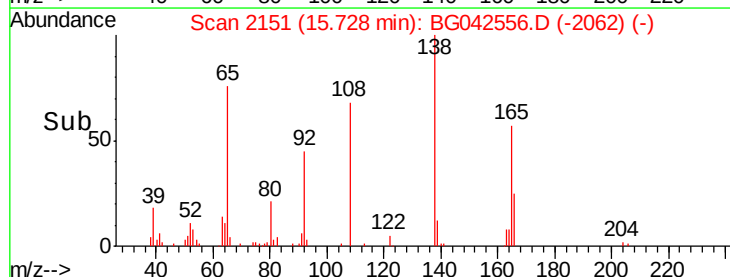
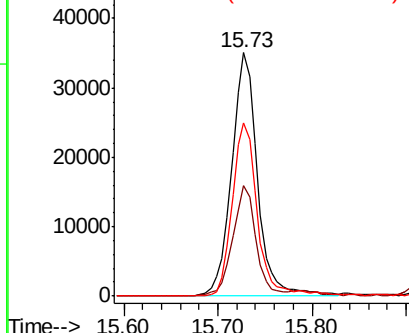


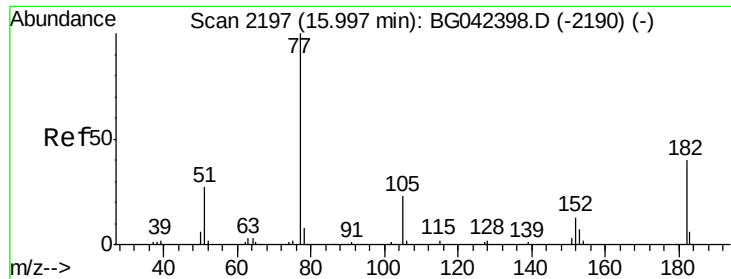
#62
4-Nitroaniline
Concen: 38.281 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

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

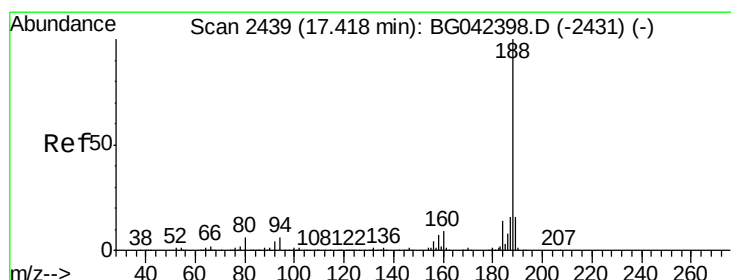
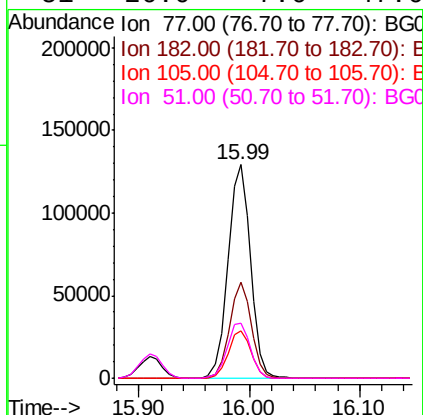
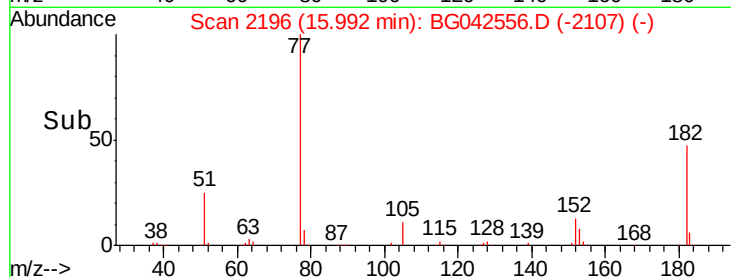
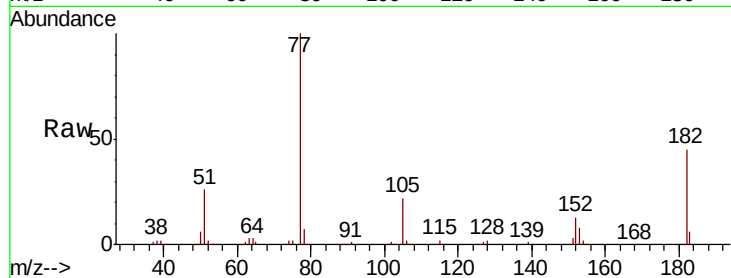




#63
Azobenzene
Concen: 38.778 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

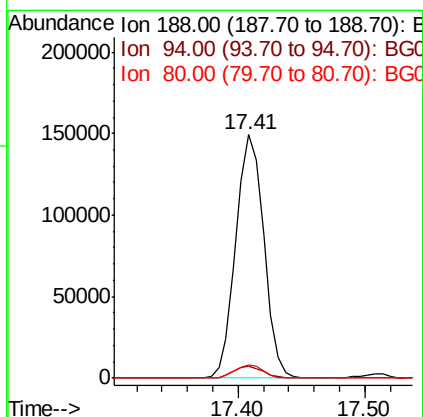
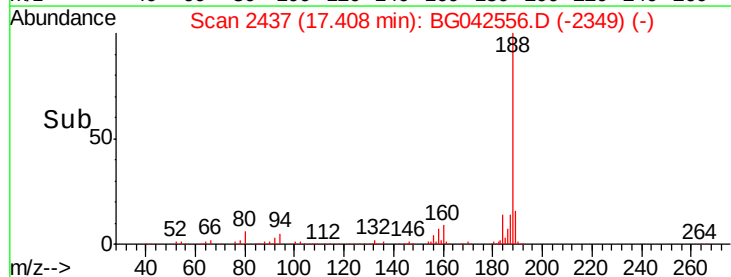
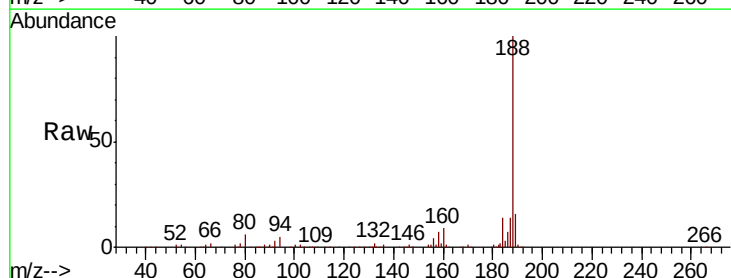
Instrument :
BNA_G
ClientSampleId :
PB122602BS

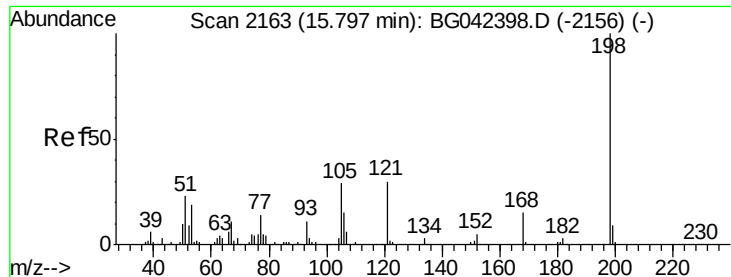
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.7	19.9	59.9	
105	22.2	2.9	42.9	
51	26.0	7.6	47.6	



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





#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 :

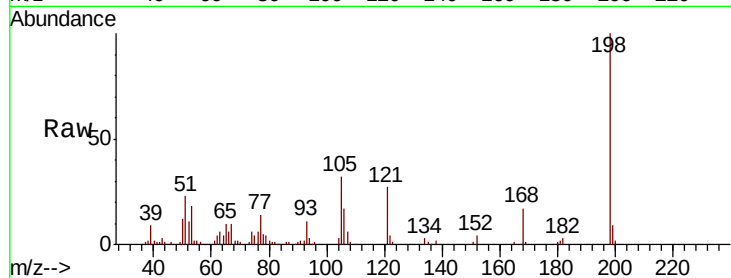
BNA_G

ClientSampleId :

PB122602BS

Tot Ion:198 Resp: 60726

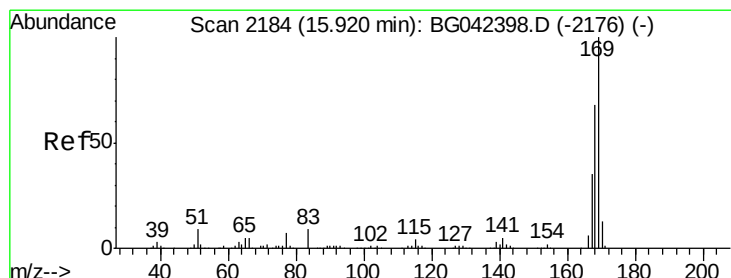
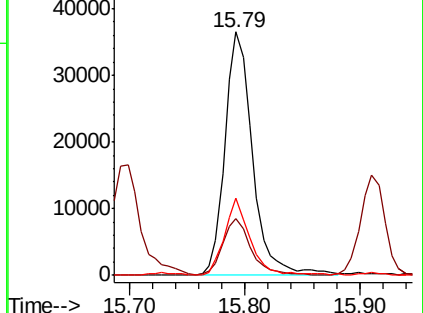
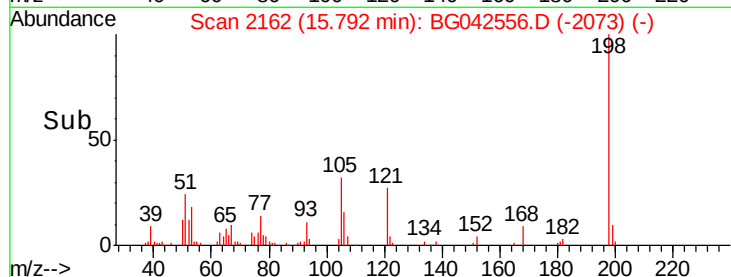
Ion	Ratio	Lower	Upper
198	100		
51	23.3	4.2	44.2
105	31.7	8.8	48.8



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

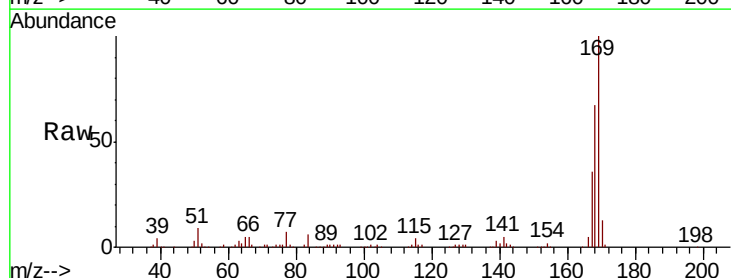
Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion:169 Resp: 254801

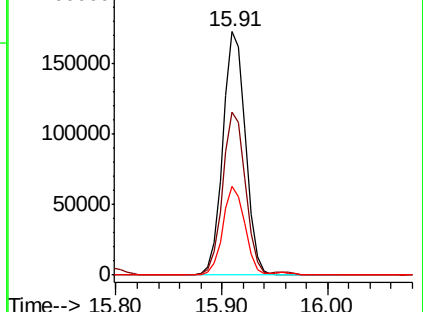
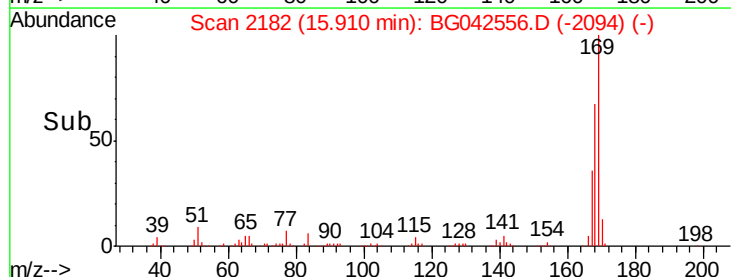
Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.3	81.5
167	36.2	28.2	42.2

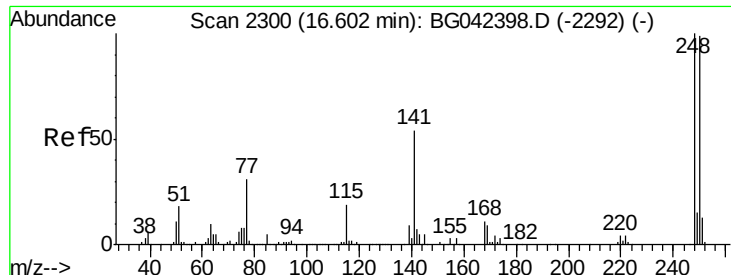


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

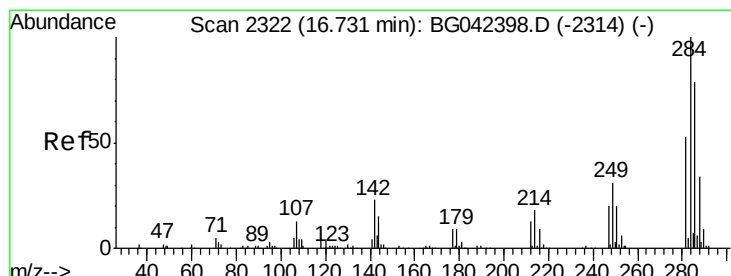
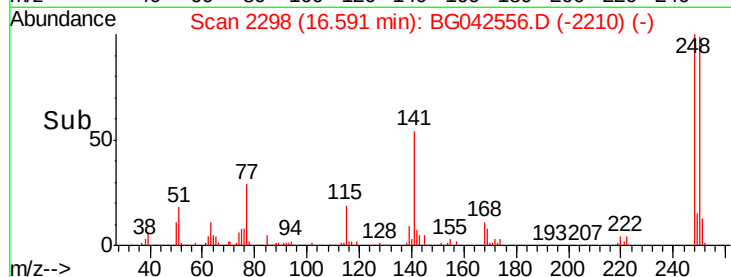
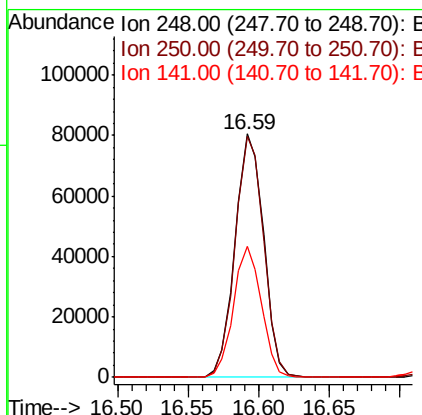
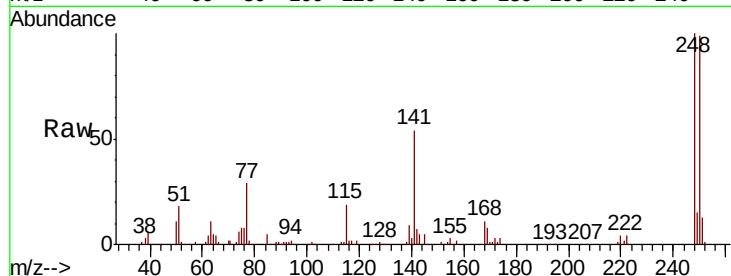




#67
 4-Bromophenyl-phenylether
 Concen: 39.229 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

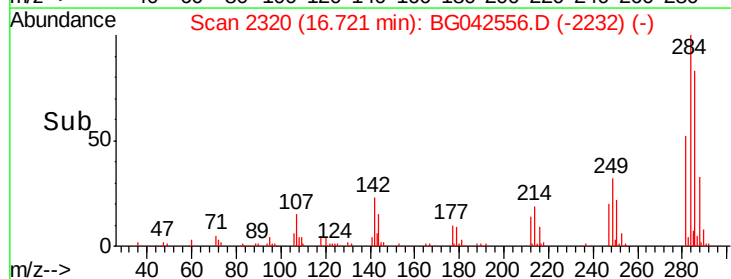
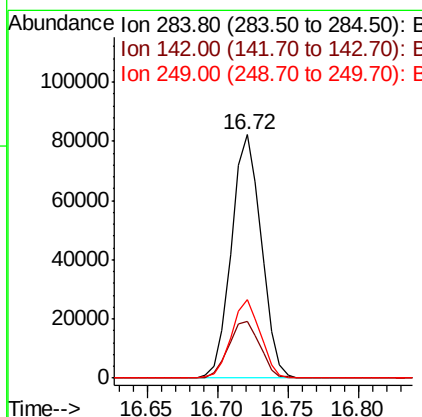
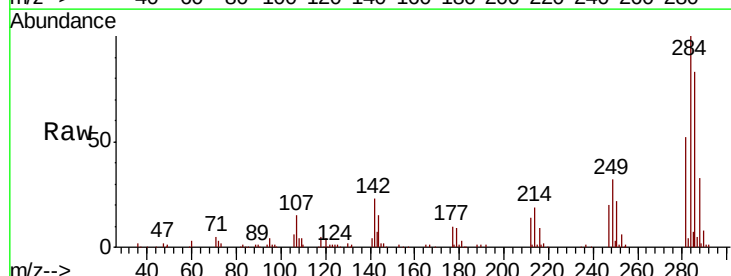
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

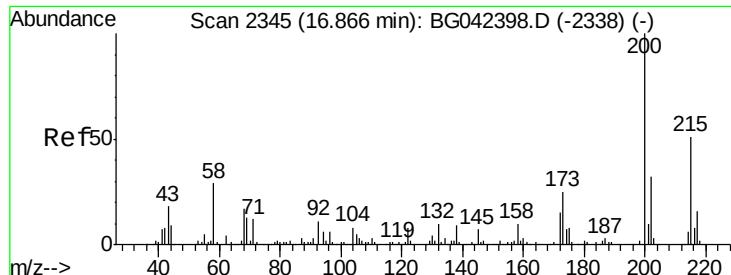
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.9	118.3
141	54.0	43.3	64.9



#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

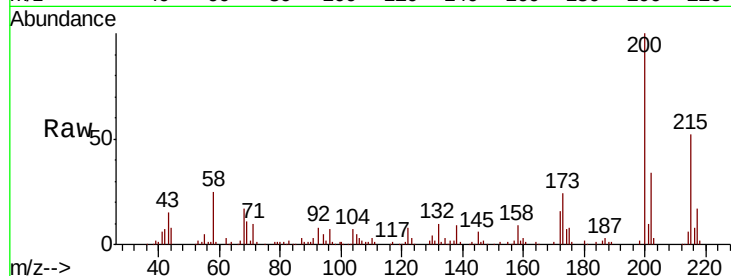




#69
 Atrazine
 Concen: 43.830 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

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

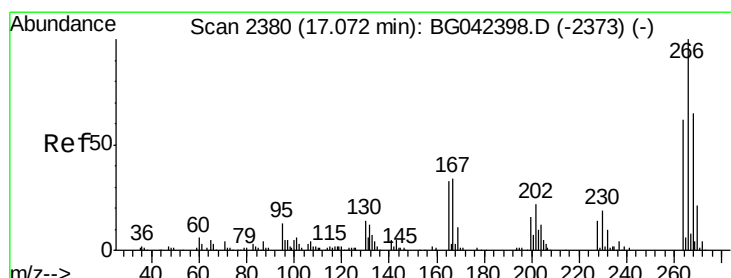
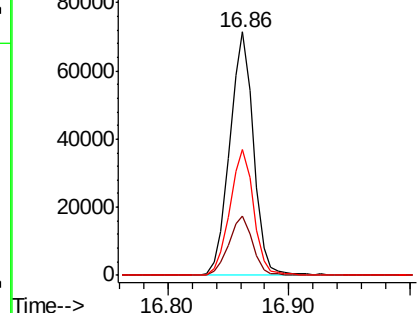
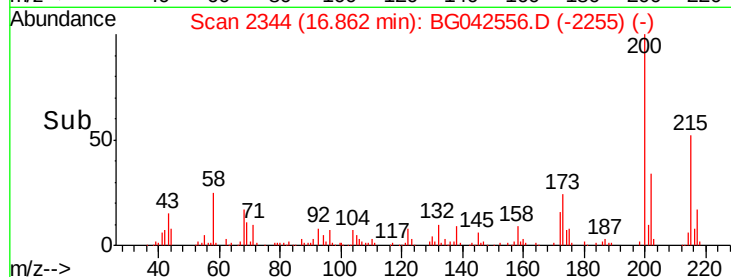


Abundance

Ion 200.00 (199.70 to 200.70): E

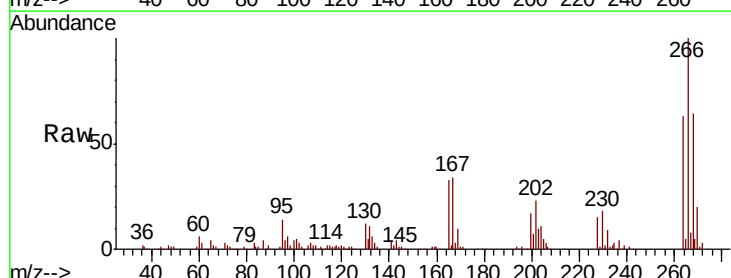
Ion 173.00 (172.70 to 173.70): E

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

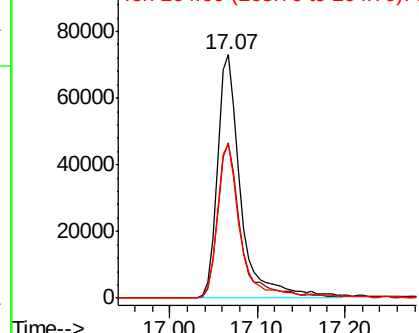
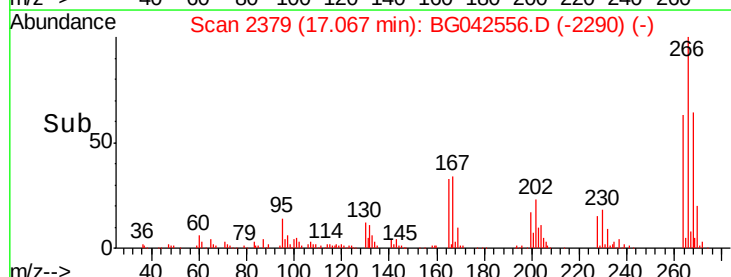


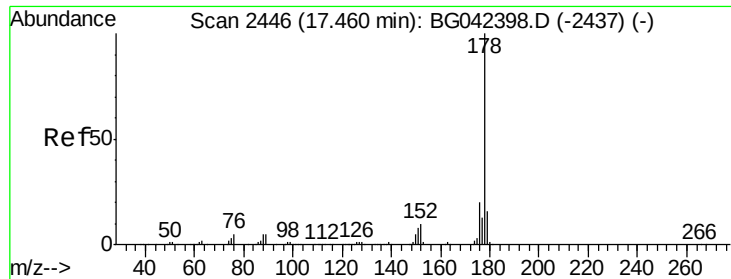
Abundance

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

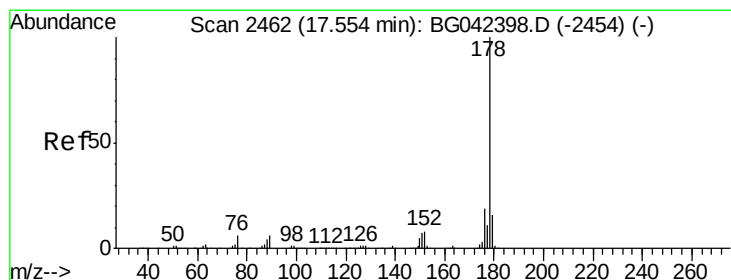
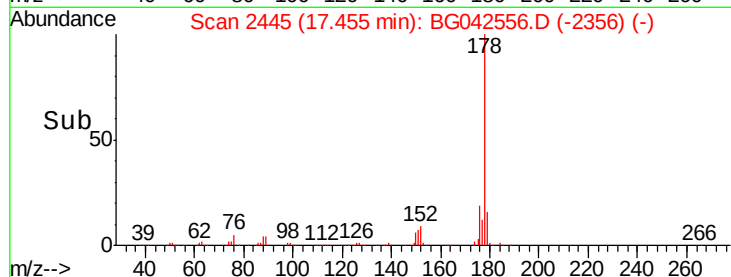
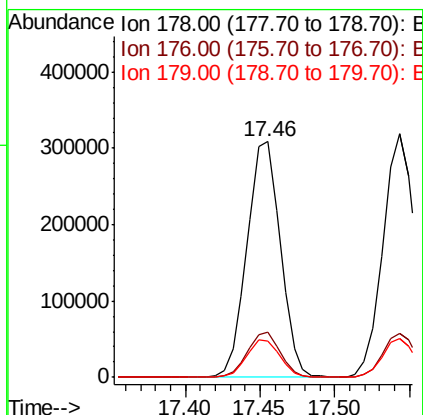
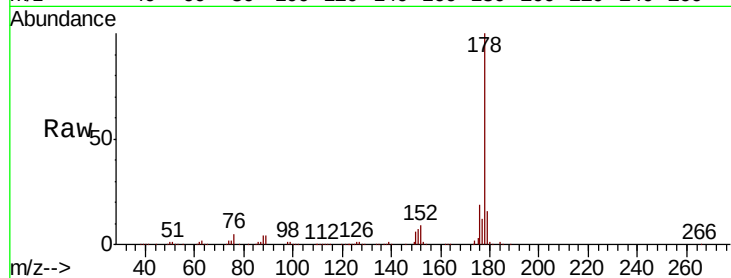




#71
Phenanthrene
Concen: 41.970 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

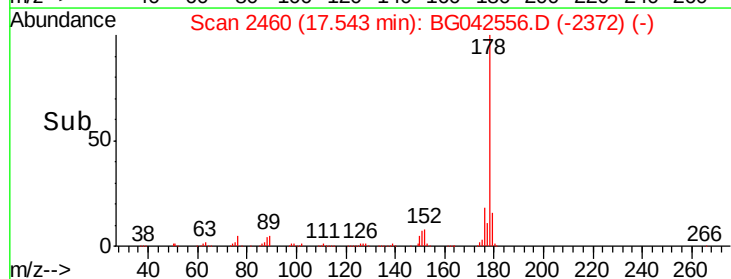
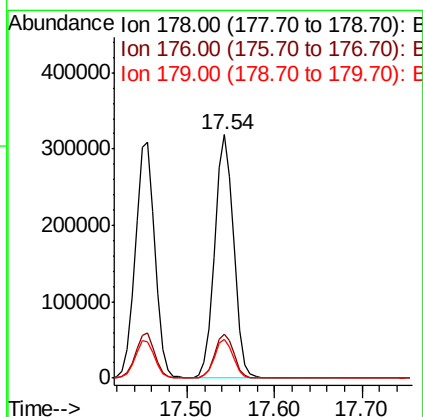
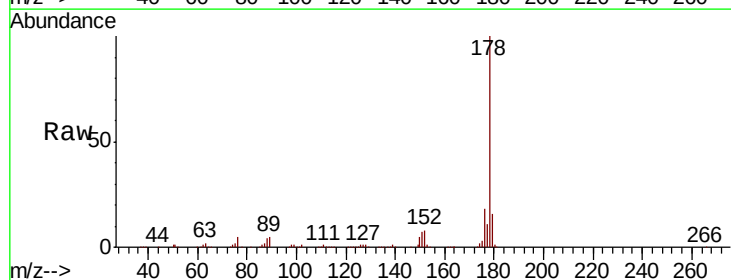
Instrument :
BNA_G
ClientSampleId :
PB122602BS

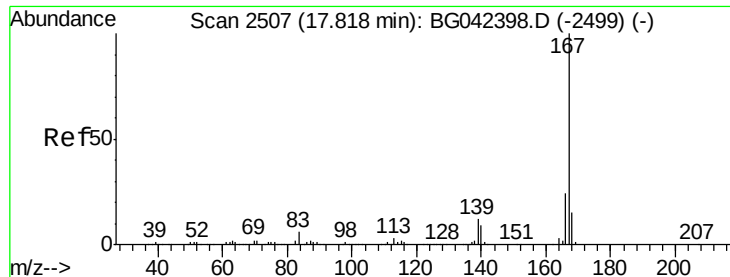
Tot Ion:178 Resp: 477183
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.7 12.7 19.1



#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

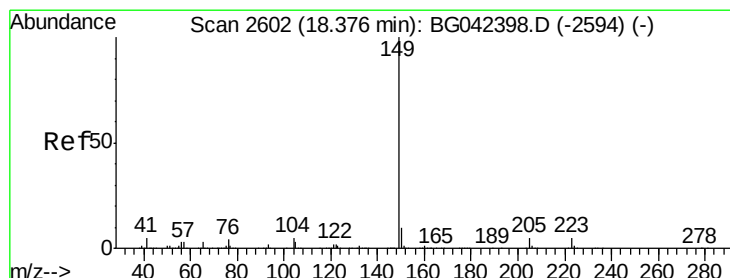
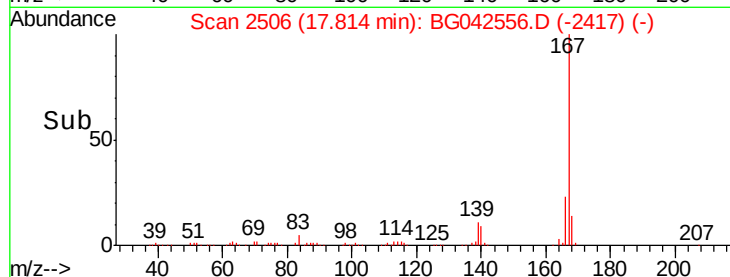
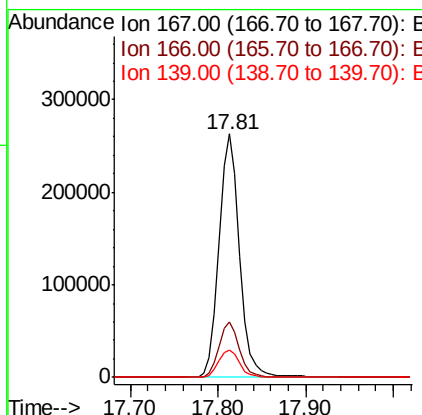
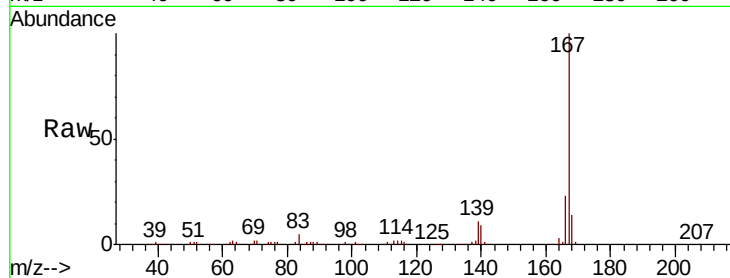




#73
 Carbazole
 Concen: 42.395 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

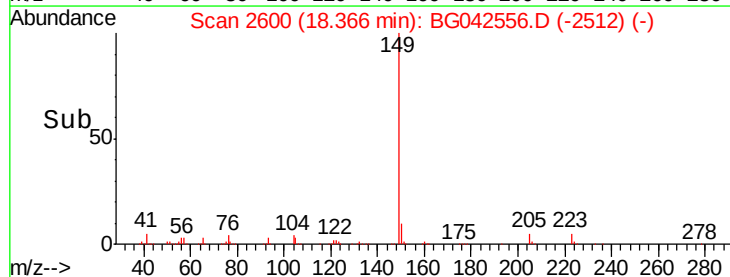
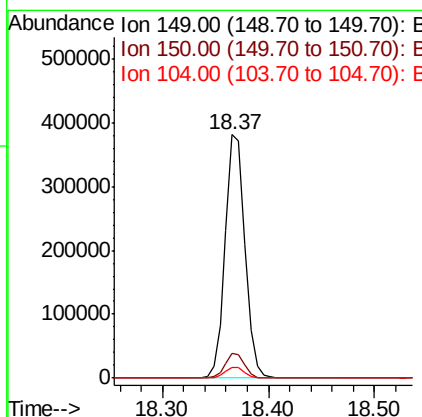
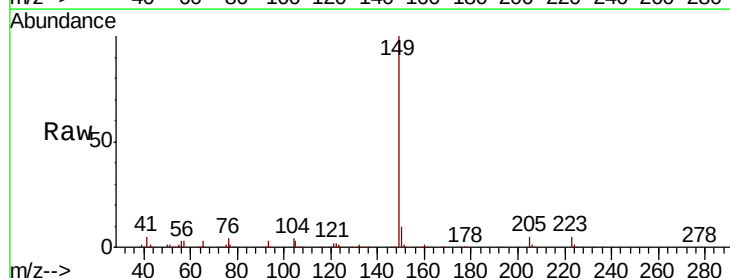
Instrument :
 BNA_G
 ClientSampleId :
 PB122602BS

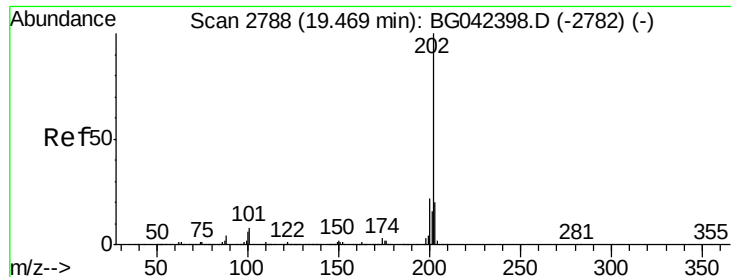
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.9	28.3
139	11.3	9.8	14.6



#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	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.4	3.7	5.5





#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

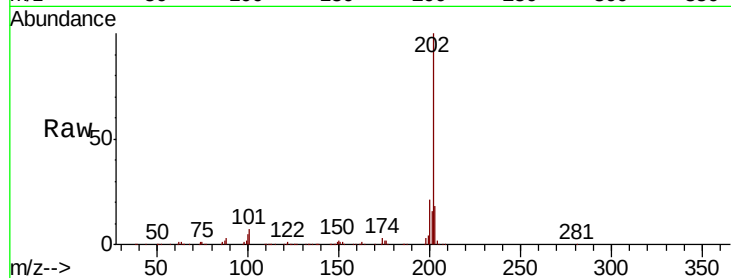
Instrument :

BNA_G

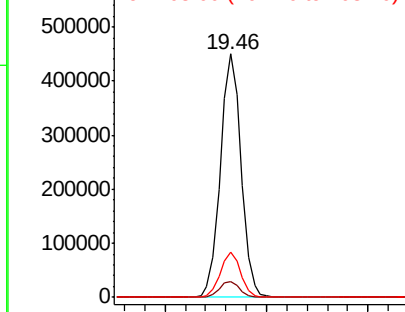
ClientSampleId :

PB122602BS

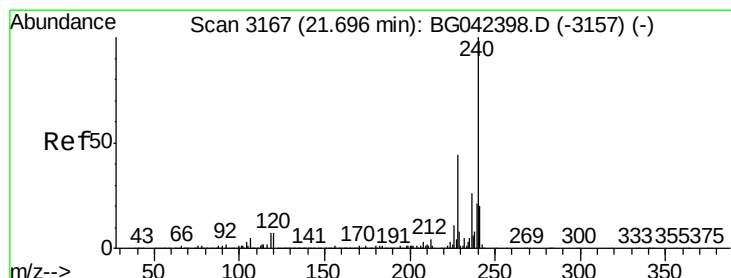
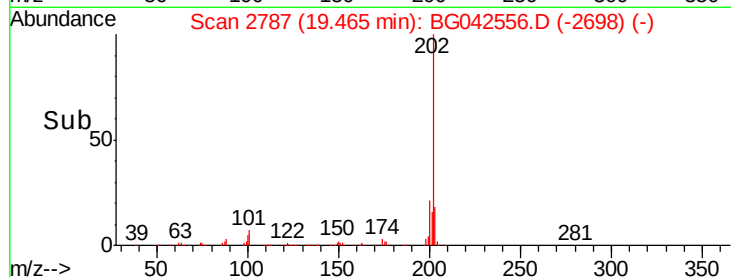
Tot Ion:	202	Resp:	637997
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.3
203	18.3	0.0	39.6



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

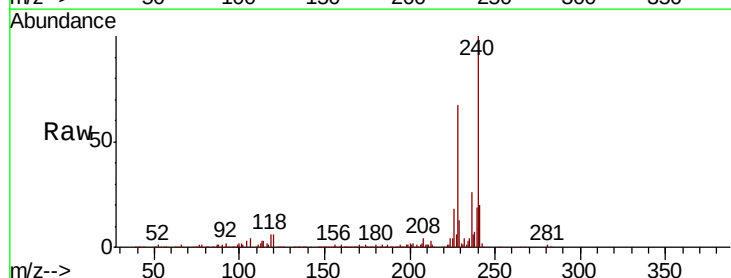
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

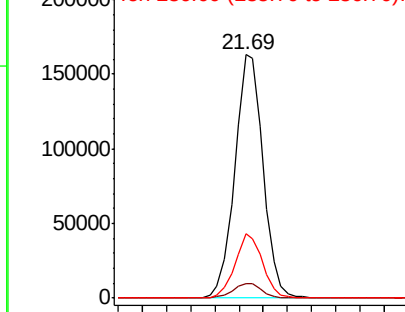
Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

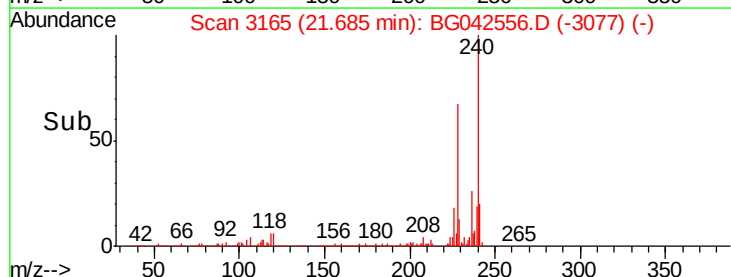
Tgt Ion:	240	Resp:	265873
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.3	21.0	31.4

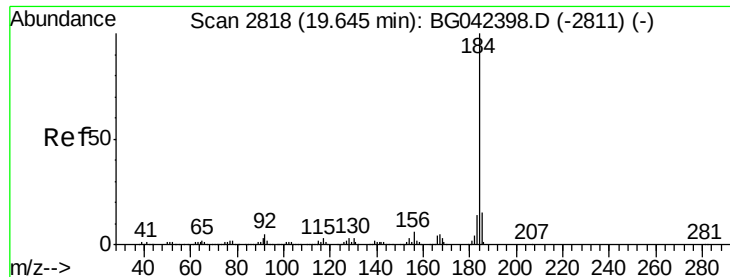


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

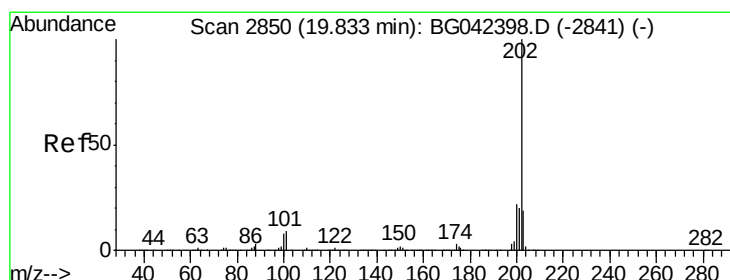
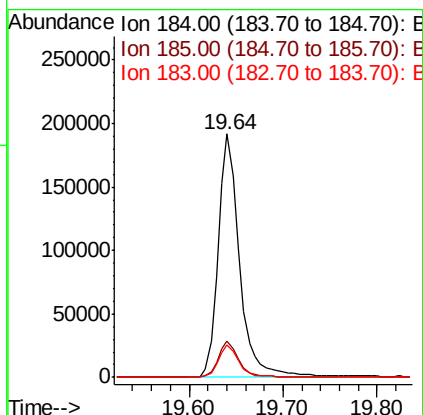
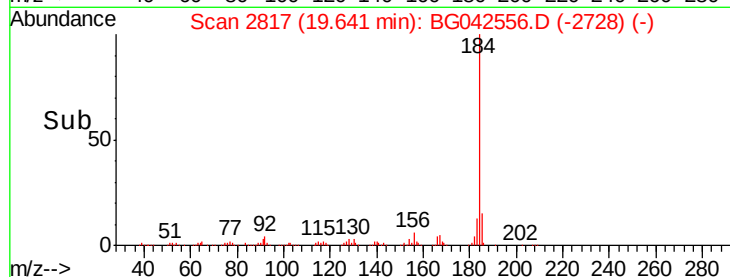
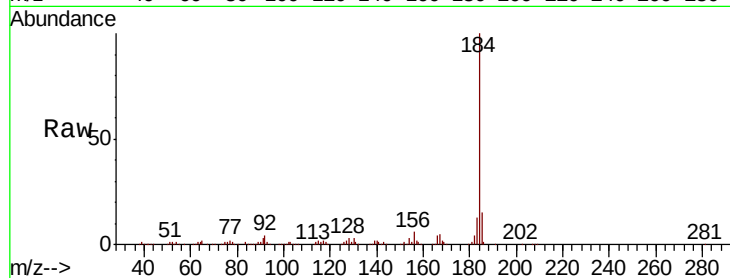




#77
Benzidine
Concen: 40.196 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

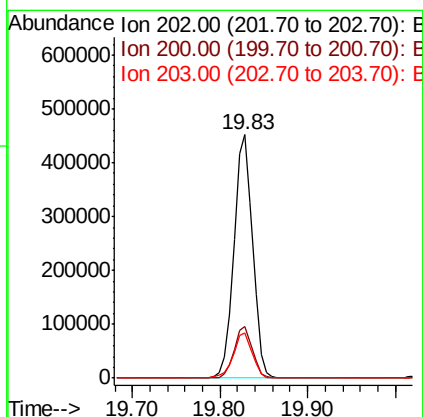
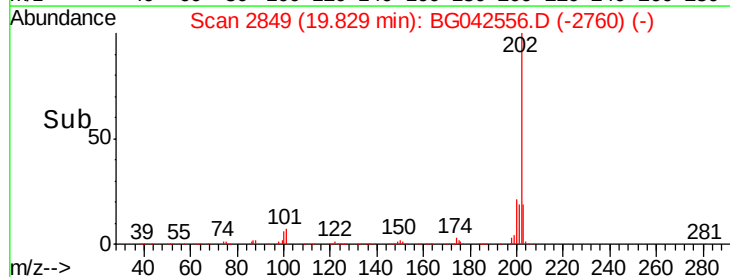
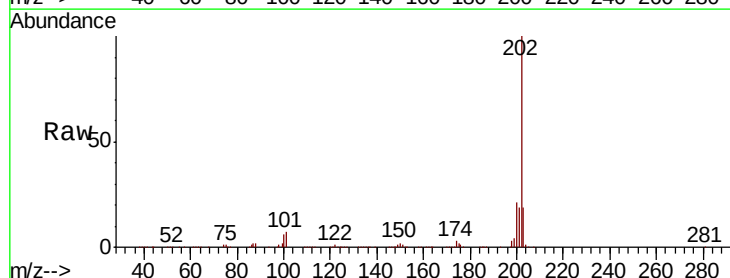
Instrument :
BNA_G
ClientSampleId :
PB122602BS

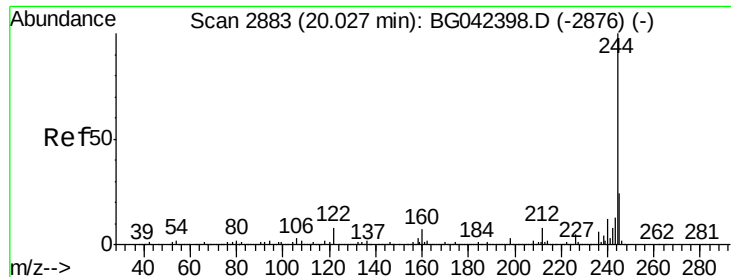
Tot Ion:184 Resp: 306404
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 13.2 10.8 16.2



#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





#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 :

PB122602BS

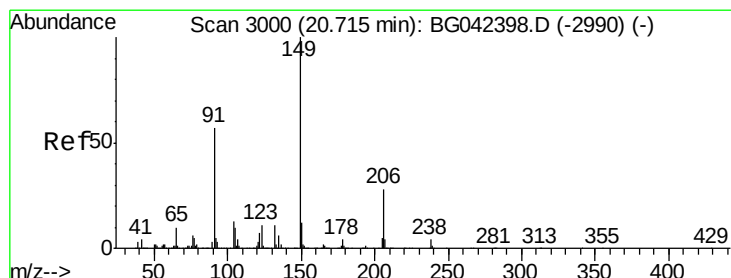
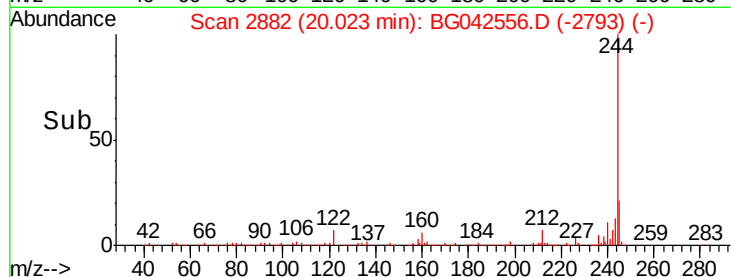
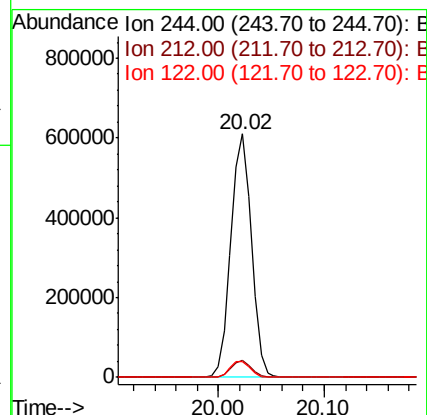
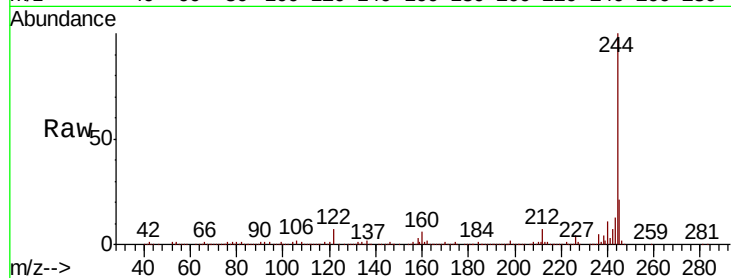
Tot Ion:244 Resp: 821199

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 6.7 6.7 10.1#



#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

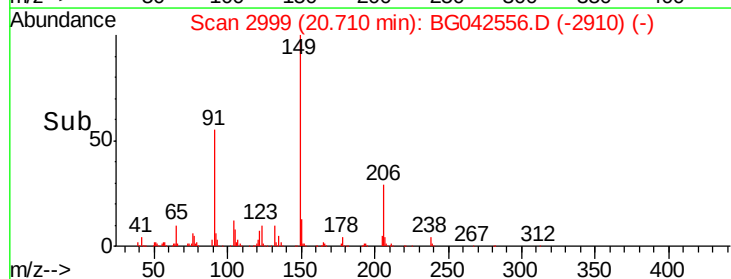
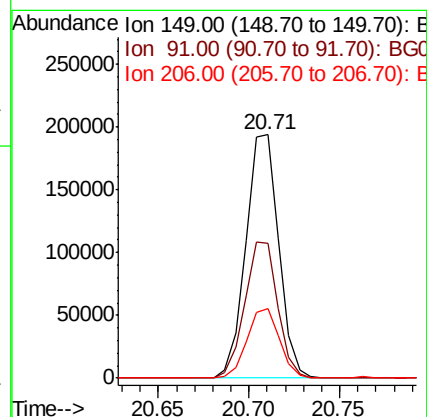
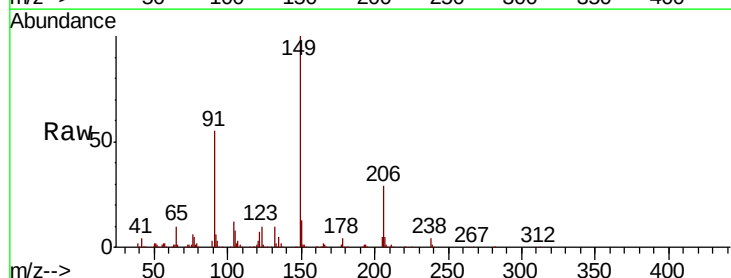
Tgt Ion:149 Resp: 244398

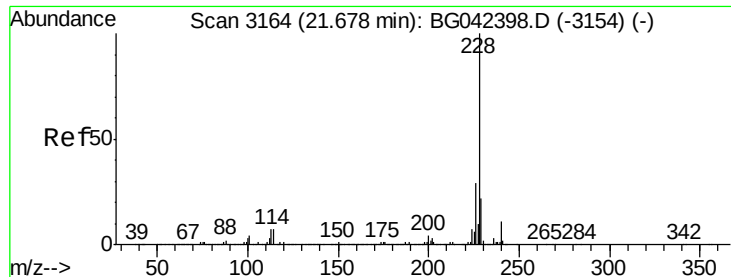
Ion Ratio Lower Upper

149 100

91 55.2 45.9 68.9

206 28.7 22.5 33.7





#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 :

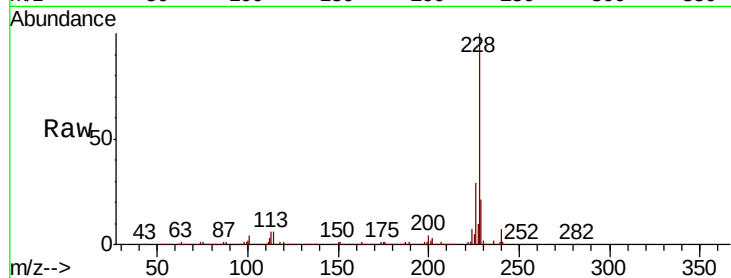
BNA_G

ClientSampleId :

PB122602BS

Tot Ion:228 Resp: 655375

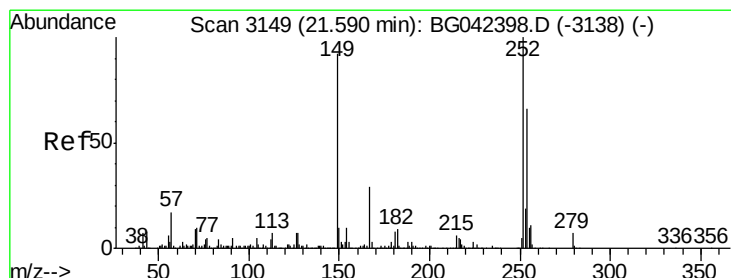
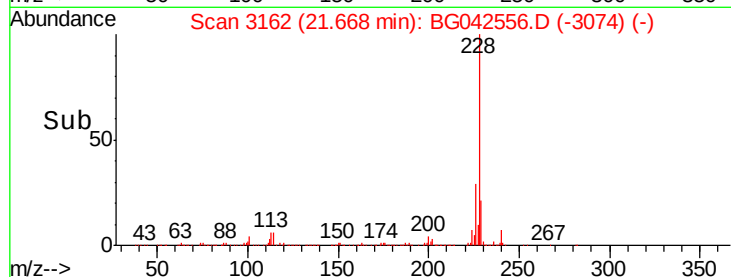
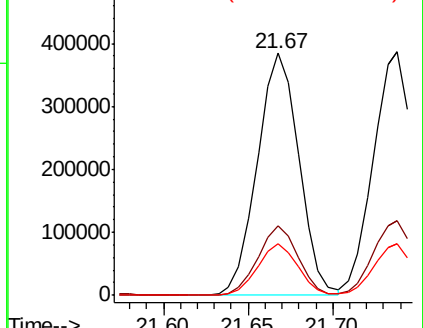
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.2	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.005 ng

RT: 21.58 min Scan# 3147

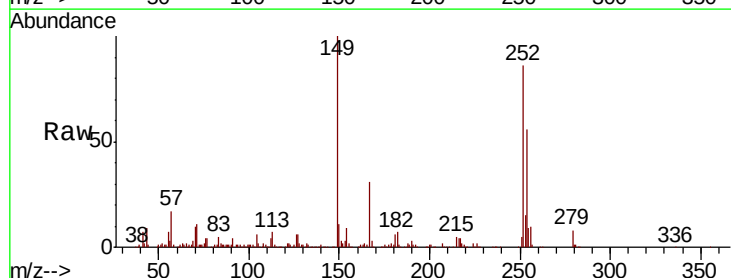
Delta R.T. -0.01 min

Lab File: BG042556.D

Acq: 29 Aug 2019 9:08

Tgt Ion:252 Resp: 195177

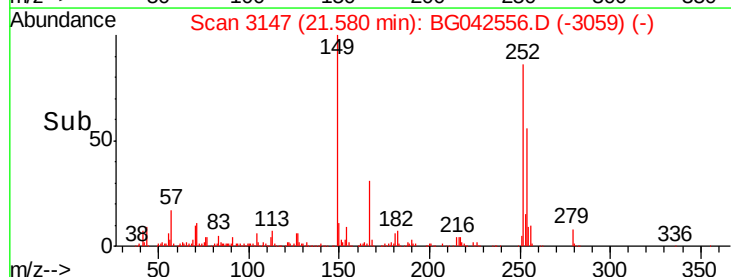
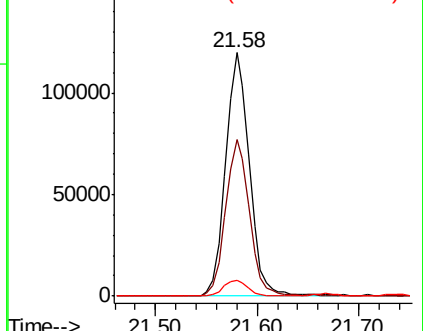
Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.0	79.4
126	6.4	5.7	8.5

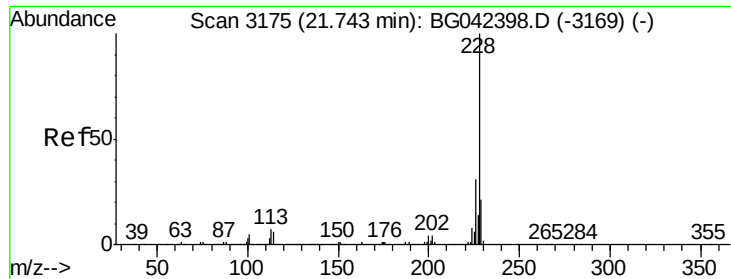


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

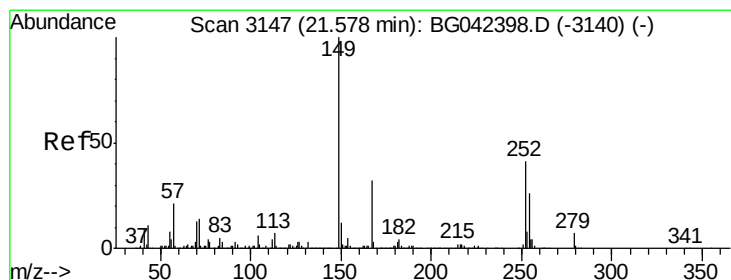
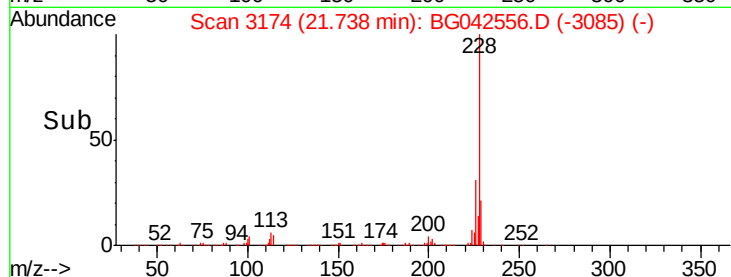
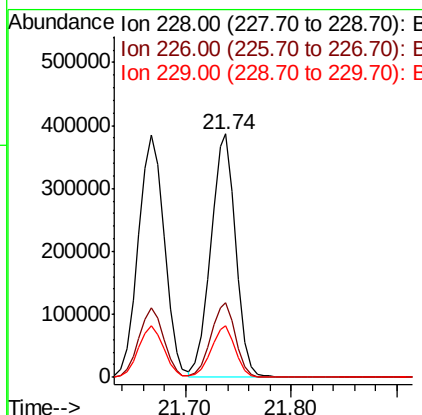
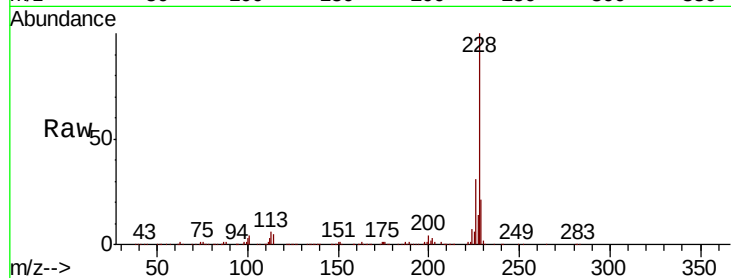




#83
 Chrysene
 Concen: 40.718 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042556.D
 Acq: 29 Aug 2019 9:08

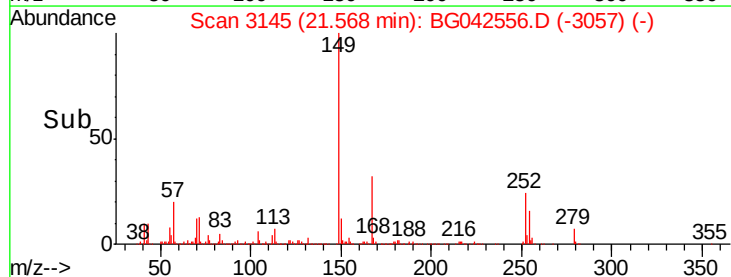
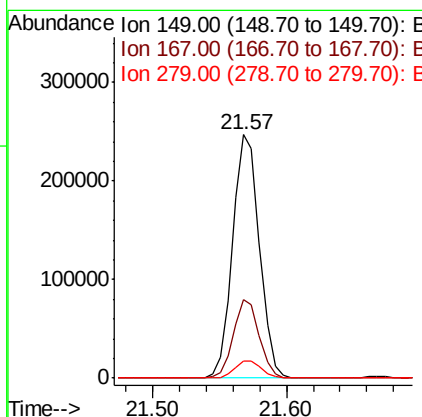
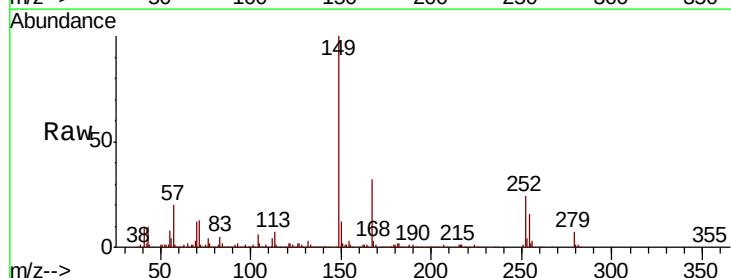
Instrument :
 BNA_G
 ClientSampled :
 PB122602BS

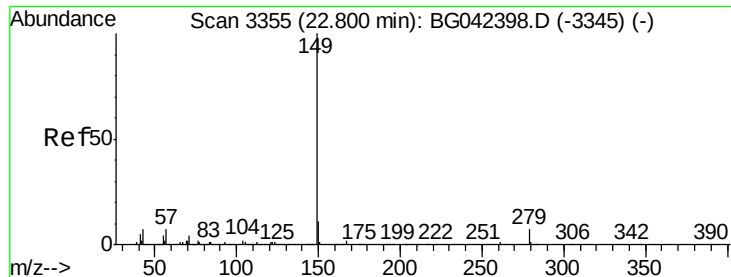
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.0	16.9	25.3



#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	Ratio	Lower	Upper
149	100		
167	32.3	26.0	39.0
279	7.0	5.4	8.0

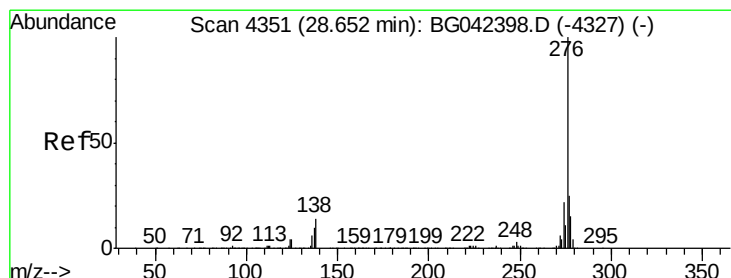
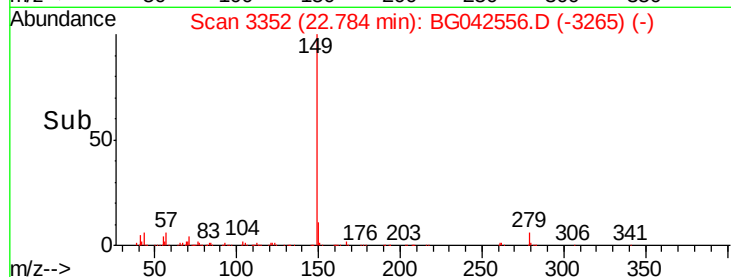
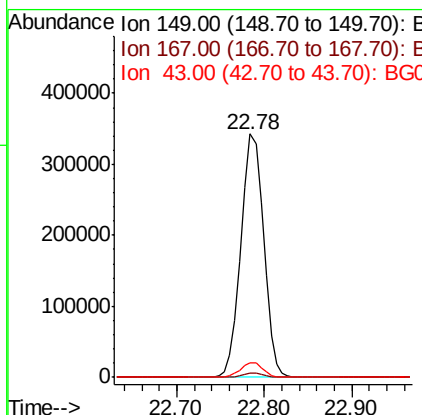
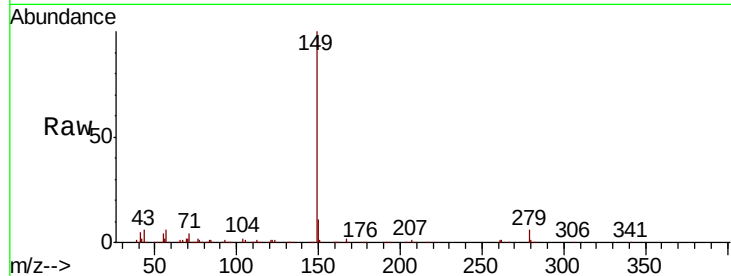




#85
Di-n-octyl phthalate
Concen: 39.188 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042556.D
Acq: 29 Aug 2019 9:08

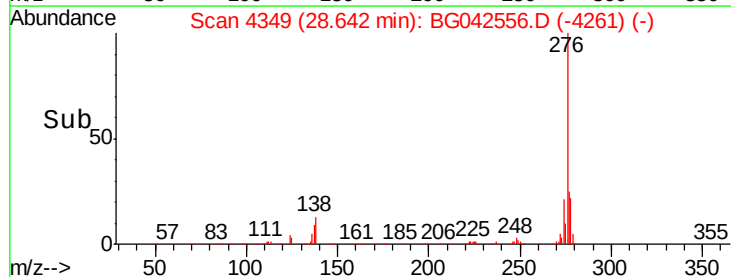
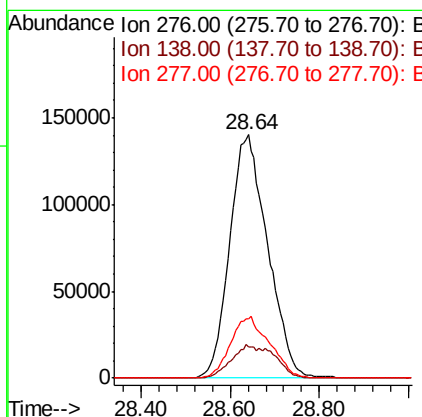
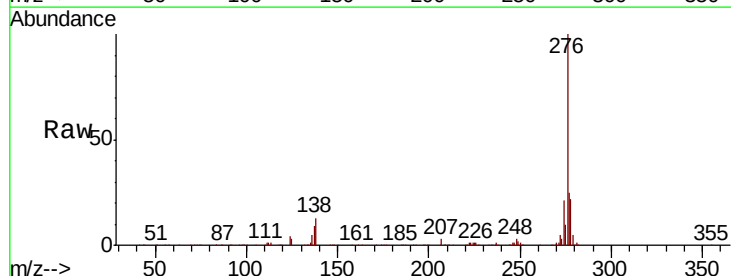
Instrument :
BNA_G
ClientSampleId :
PB122602BS

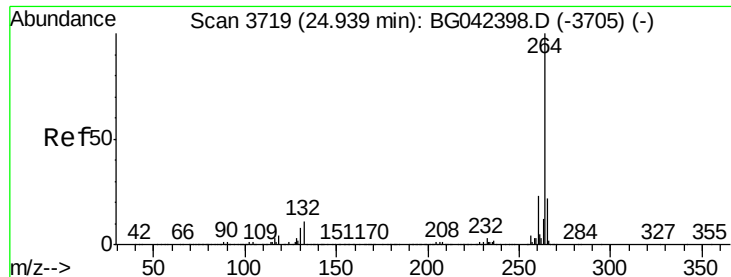
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9



#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	Ratio	Lower	Upper
276	100		
138	15.5	9.2	13.8#
277	26.0	21.0	31.6





#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

ClientSampleId :

PB122602BS

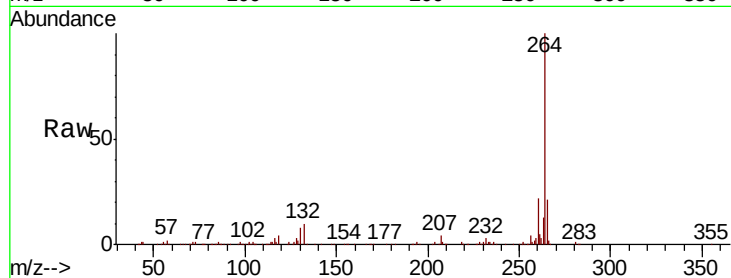
Tot Ion:264 Resp: 303776

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

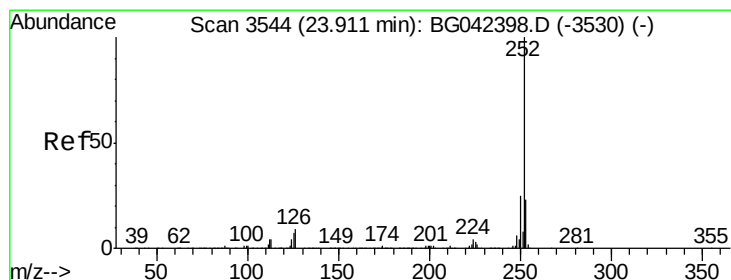
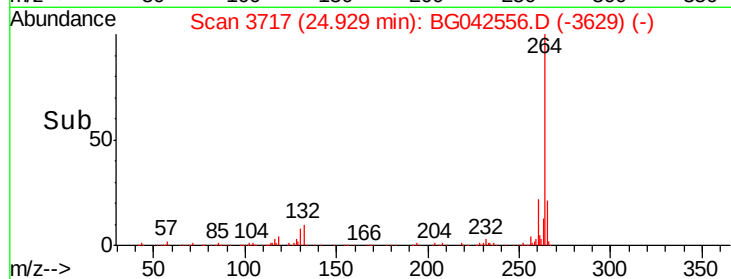
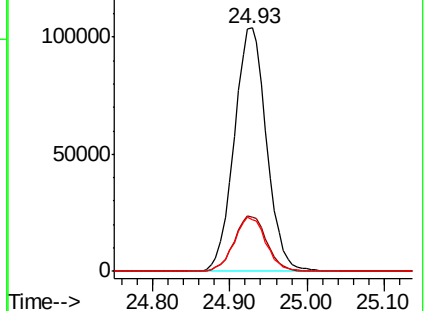
265 21.3 17.6 26.4



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

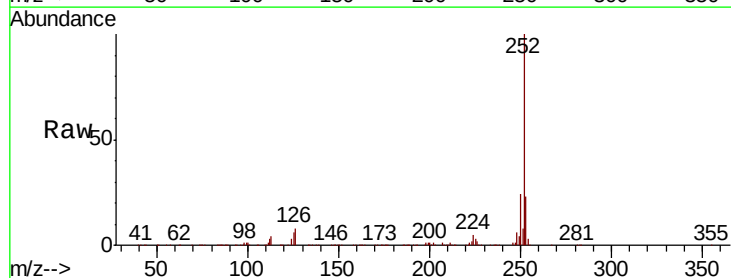
Tgt Ion:252 Resp: 723340

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

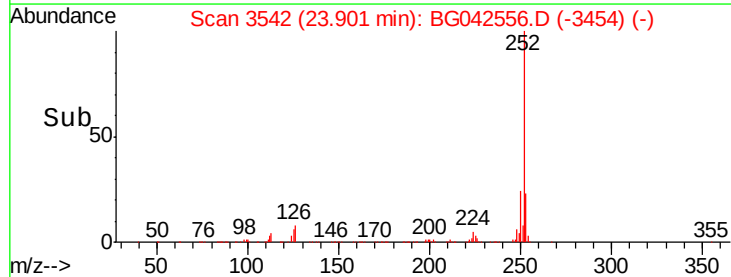
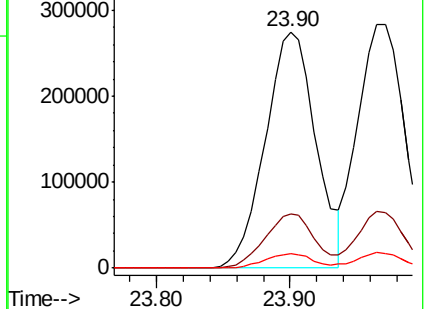
125 6.3 5.6 8.4

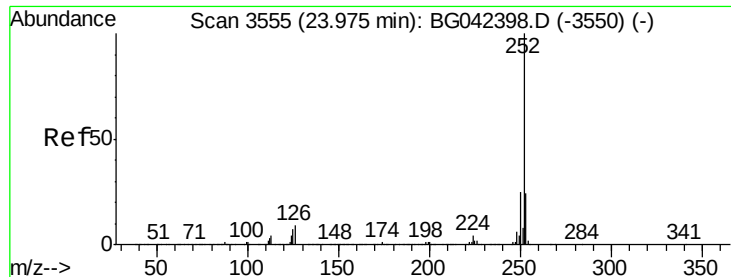


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB122602BS

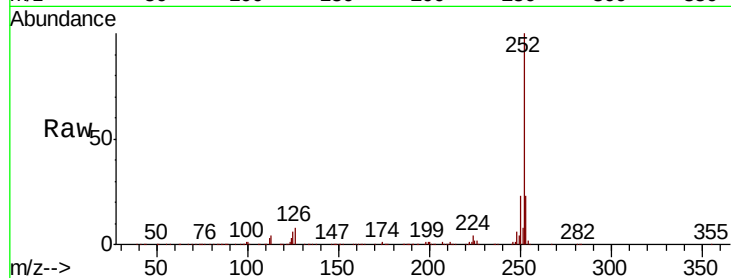
Tot Ion:252 Resp: 690214

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

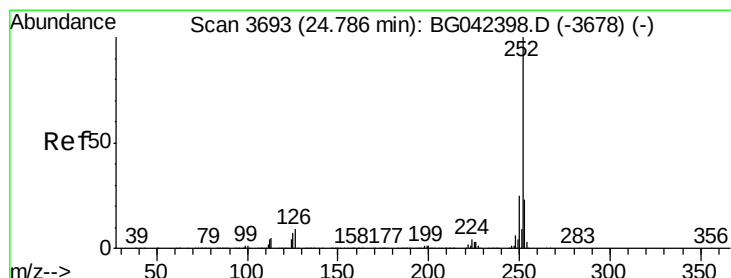
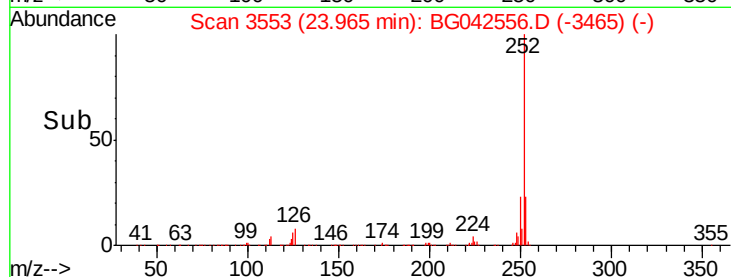
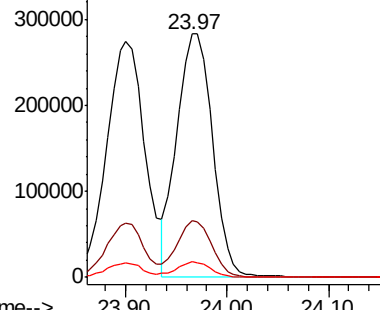
125 6.2 5.8 8.6



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

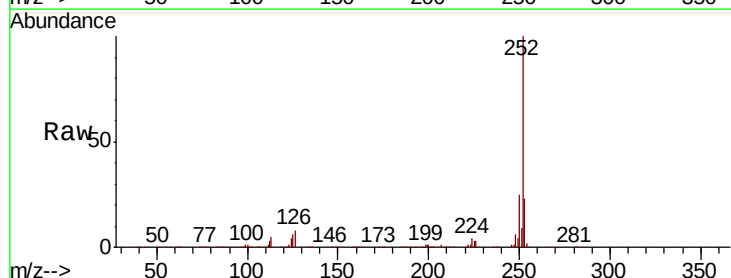
Tgt Ion:252 Resp: 705736

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

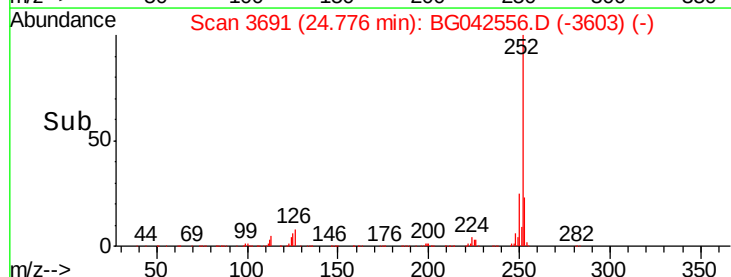
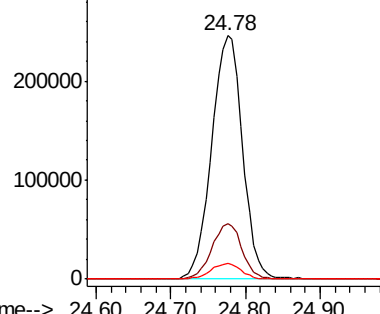
125 6.4 6.0 9.0

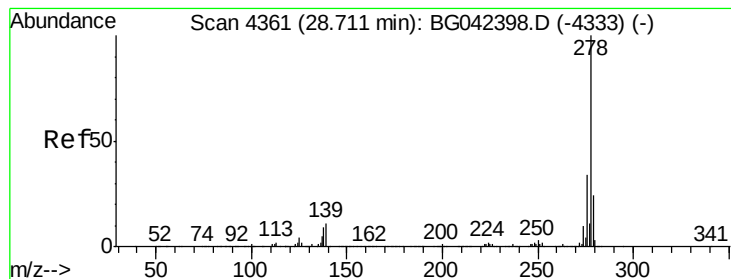


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB122602BS

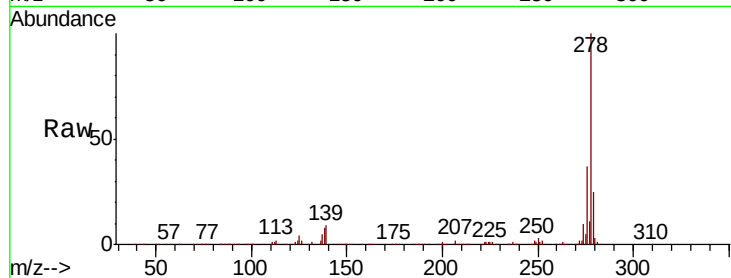
Tot Ion:278 Resp: 687291

Ion Ratio Lower Upper

278 100

139 9.4 8.8 13.2

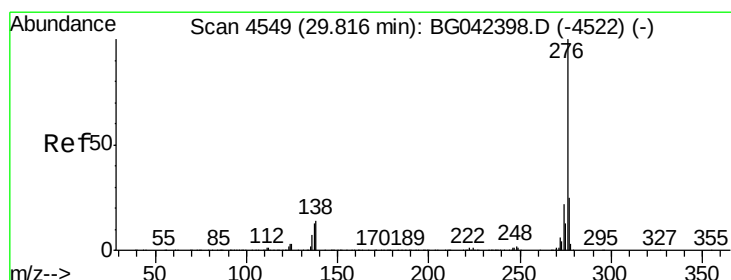
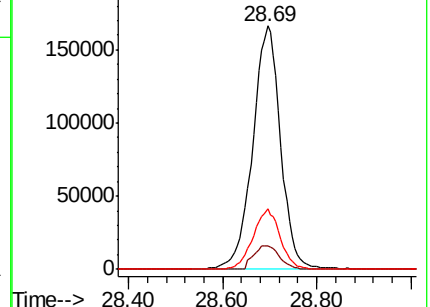
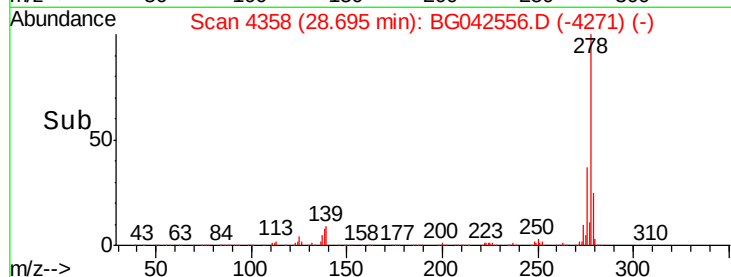
279 24.7 19.1 28.7



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

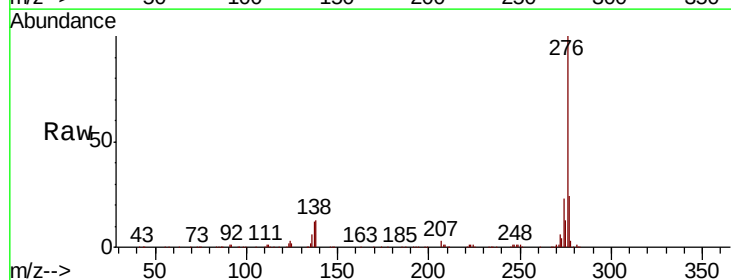
Tgt Ion:276 Resp: 690798

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

