

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042560.D
 Acq On : 29 Aug 2019 11:44
 Operator : HP/JU
 Sample : PB122569BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 12:41:41 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	7.99	152	34630	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	137126	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97903	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225420	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	263832	20.00	ng	-0.01
87) Perylene-d12	24.92	264	300034	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	196681	115.03	ng	0.00
7) Phenol-d6	7.16	99	243132	105.27	ng	-0.01
23) Nitrobenzene-d5	9.16	82	127748	64.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	149268	107.27	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	408710	70.61	ng	0.00
79) Terphenyl-d14	20.02	244	803297	65.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	25336	35.506	ng	95
3) Pyridine	3.82	79	55507	30.336	ng	98
4) n-Nitrosodimethylamine	3.73	42	27900	42.692	ng	97
6) Aniline	7.31	93	87879	28.527	ng	99
8) 2-Chlorophenol	7.57	128	87953	42.443	ng	97
9) Benzaldehyde	7.13	77	50141	43.363	ng	94
10) Phenol	7.19	94	96227	40.977	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	70275	38.104	ng	95
12) 1,3-Dichlorobenzene	7.89	146	101399	38.465	ng	99
13) 1,4-Dichlorobenzene	8.03	146	105098	39.359	ng	99
14) 1,2-Dichlorobenzene	8.35	146	99913	39.072	ng	99
15) Benzyl Alcohol	8.24	79	64735	38.958	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	88081	35.236	ng	99
17) 2-Methylphenol	8.45	107	69101	39.950	ng	95
18) Hexachloroethane	9.09	117	34334	37.559	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	53162	35.528	ng	96
20) 3+4-Methylphenols	8.78	107	92456	38.629	ng	98
22) Acetophenone	8.82	105	119526	40.754	ng	# 99
24) Nitrobenzene	9.21	77	79189	39.409	ng	99
25) Isophorone	9.73	82	145481	37.149	ng	99
26) 2-Nitrophenol	9.93	139	52207	41.459	ng	97
27) 2,4-Dimethylphenol	9.99	122	79901	46.063	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	93871	38.031	ng	99
29) 2,4-Dichlorophenol	10.47	162	96420	42.486	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	113736	40.829	ng	94
31) Naphthalene	10.87	128	255720	40.167	ng	99
32) Benzoic acid	10.13	122	34346	30.809	ng	99
33) 4-Chloroaniline	10.98	127	68278	23.232	ng	98
34) Hexachlorobutadiene	11.16	225	75784	40.480	ng	99
35) Caprolactam	11.75	113	10735	14.176	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	86114	39.971	ng	98
37) 2-Methylnaphthalene	12.48	142	203628	39.834	ng	98
38) 1-Methylnaphthalene	12.70	142	190876	39.310	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	137496	43.733	ng	99

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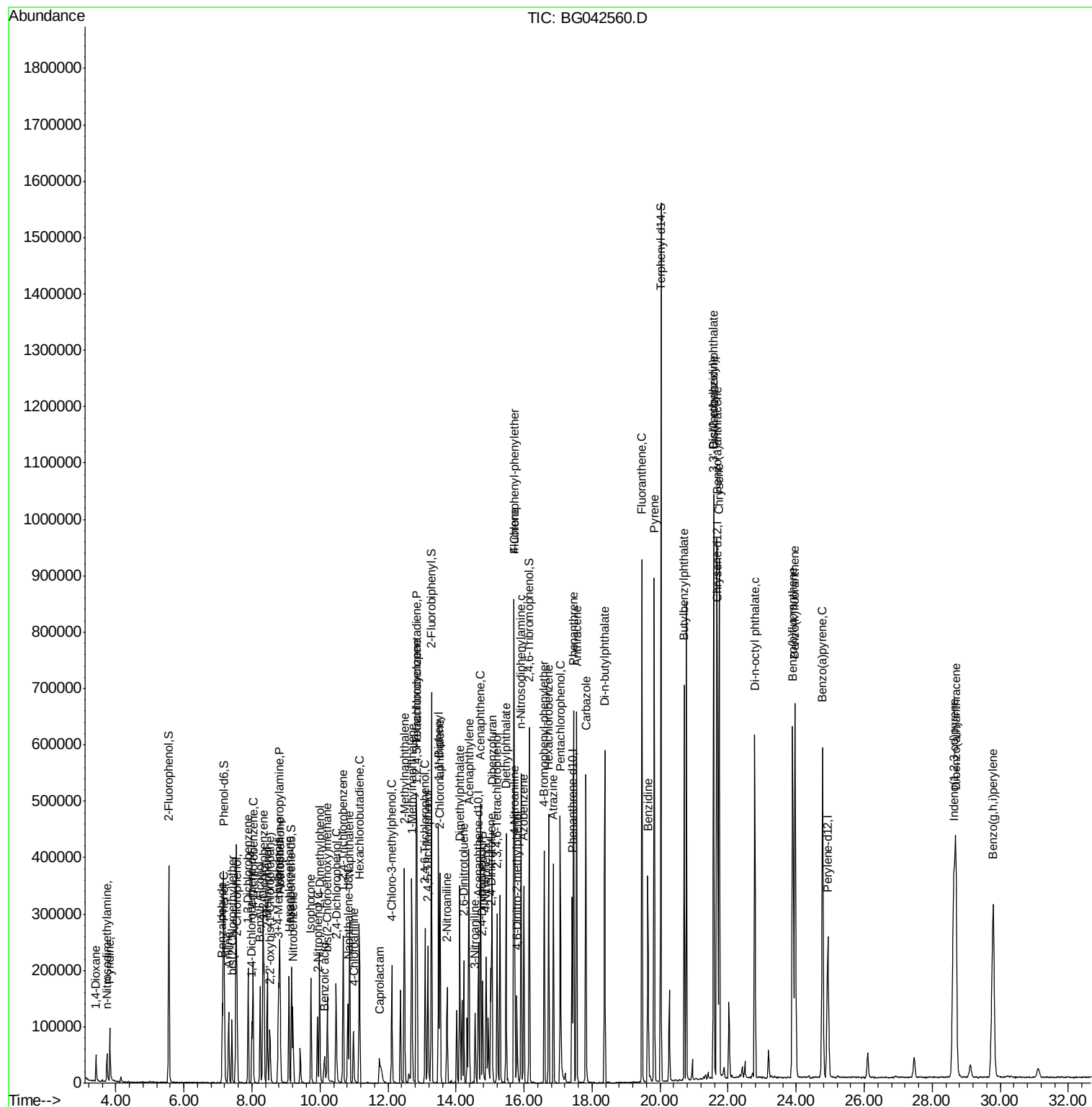
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	152425	92.294	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	86336	40.626	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	91262	41.440	ng	99
46) 1,1'-Biphenyl	13.49	154	269431	42.574	ng	98
47) 2-Chloronaphthalene	13.53	162	220467	40.402	ng	97
48) 2-Nitroaniline	13.74	65	47796	36.322	ng	97
49) Acenaphthylene	14.38	152	341329	41.577	ng	98
50) Dimethylphthalate	14.11	163	275354	38.980	ng	99
51) 2,6-Dinitrotoluene	14.23	165	66156	40.403	ng	95
52) Acenaphthene	14.72	154	197657	39.650	ng	98
53) 3-Nitroaniline	14.56	138	43346	26.470	ng	96
54) 2,4-Dinitrophenol	14.78	184	73285	67.461	ng	96
55) Dibenzofuran	15.06	168	341276	41.358	ng	100
56) 4-Nitrophenol	14.88	139	92060	79.116	ng	96
57) 2,4-Dinitrotoluene	15.02	165	93272	39.780	ng	97
58) Fluorene	15.71	166	275661	40.867	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	86528	39.731	ng	98
60) Diethylphthalate	15.47	149	265964	38.515	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	165678	40.746	ng	97
62) 4-Nitroaniline	15.73	138	66071	37.699	ng	98
63) Azobenzene	15.99	77	181455	38.348	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	59383	42.018	ng	98
66) n-Nitrosodiphenylamine	15.91	169	253844	40.948	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	113763	39.787	ng	99
68) Hexachlorobenzene	16.72	284	119932	38.585	ng	99
69) Atrazine	16.86	200	95258	43.452	ng	98
70) Pentachlorophenol	17.07	266	131376	81.347	ng	98
71) Phenanthrene	17.45	178	466690	41.680	ng	98
72) Anthracene	17.54	178	478362	42.795	ng	98
73) Carbazole	17.81	167	420352	42.194	ng	100
74) Di-n-butylphthalate	18.37	149	486585	41.319	ng	99
75) Fluoranthene	19.46	202	630285	46.124	ng	97
77) Benzidine	19.64	184	289096	38.219	ng	98
78) Pyrene	19.83	202	639899	39.560	ng	98
80) Butylbenzylphthalate	20.70	149	240180	37.751	ng	99
81) Benzo(a)anthracene	21.67	228	652262	40.641	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	195855	30.343	ng	98
83) Chrysene	21.73	228	628030	40.575	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	344069	38.951	ng	99
85) Di-n-octyl phthalate	22.78	149	599437	39.455	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	828234	39.375	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	716007	43.408	ng	99
89) Benzo(k)fluoranthene	23.96	252	707080	44.597	ng	97
90) Benzo(a)pyrene	24.78	252	708837	45.287	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	687318	43.370	ng	98
92) Benzo(g,h,i)perylene	29.79	276	694231	43.799	ng	97

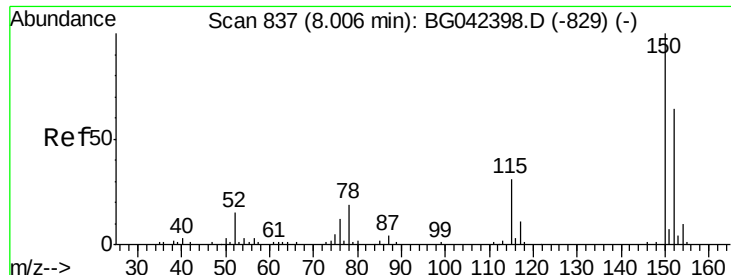
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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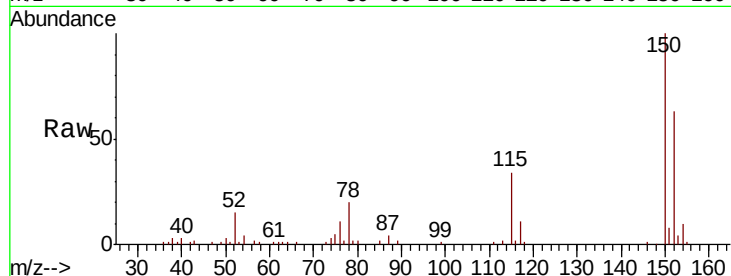


#1

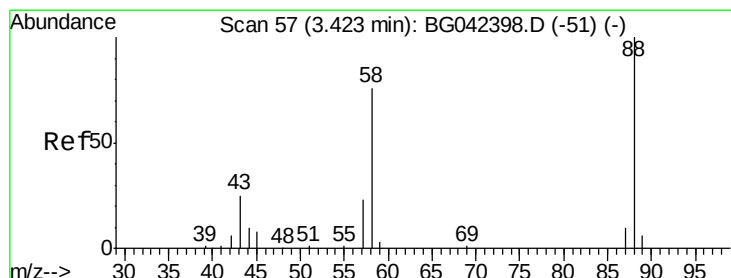
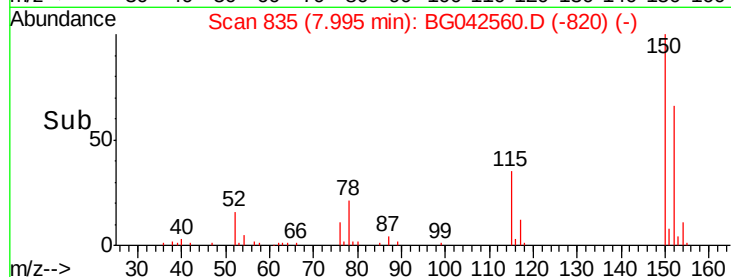
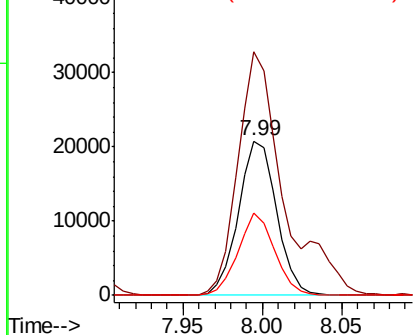
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34630
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 53.2 38.5 57.7



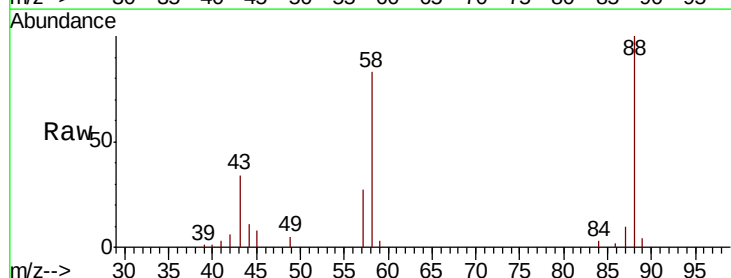
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



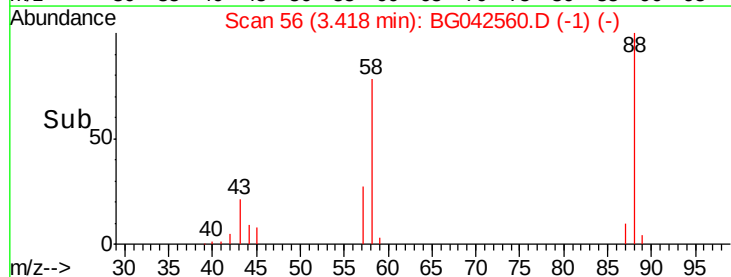
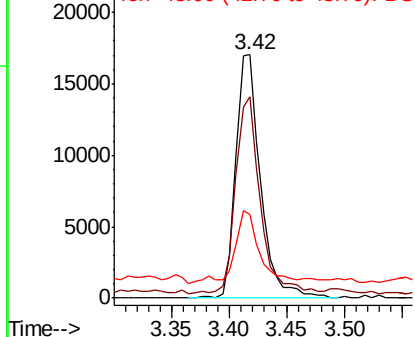
#2

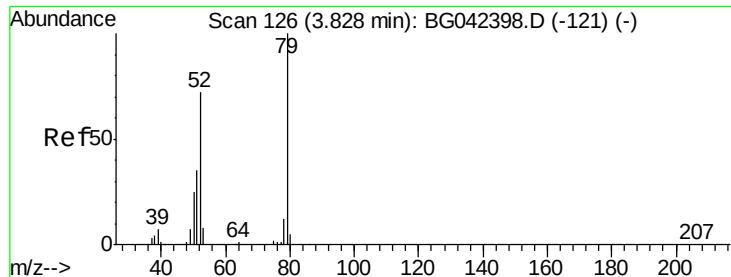
1,4-Dioxane
Concen: 35.506 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion: 88 Resp: 25336
Ion Ratio Lower Upper
88 100
58 78.7 58.3 87.5
43 25.1 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: 30.336 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

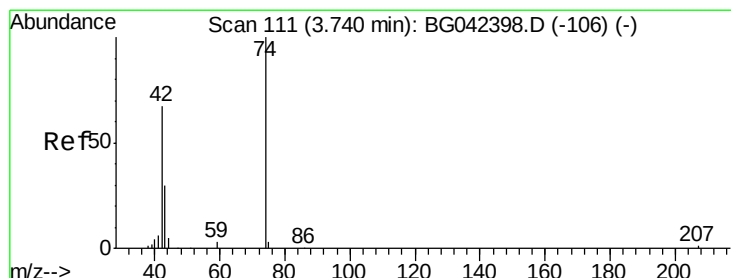
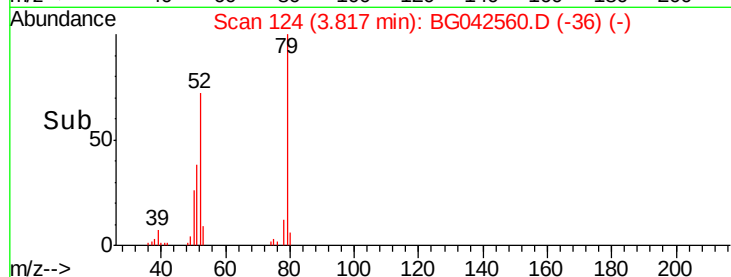
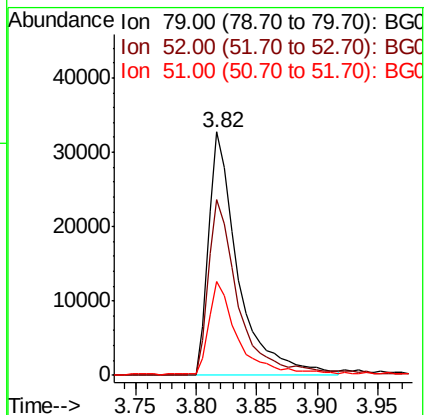
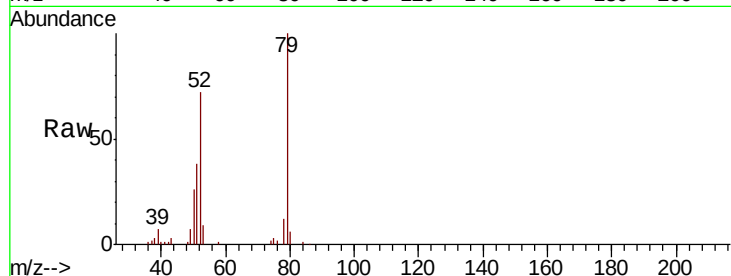
Tot Ion: 79 Resp: 55507

Ion Ratio Lower Upper

79 100

52 72.3 57.7 86.5

51 38.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 42.692 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

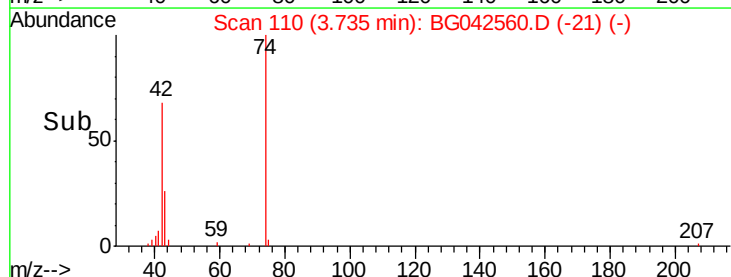
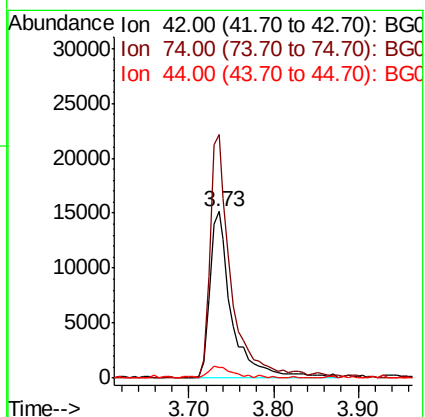
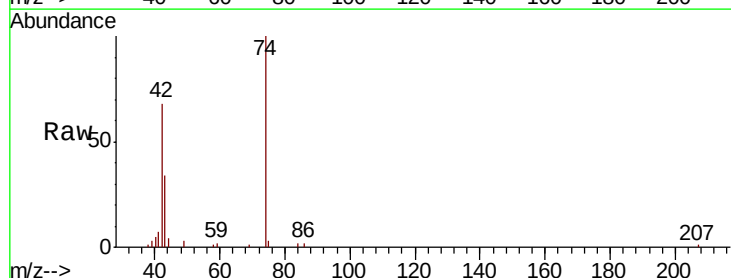
Tgt Ion: 42 Resp: 27900

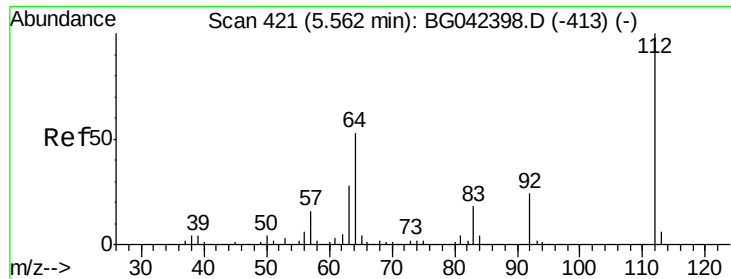
Ion Ratio Lower Upper

42 100

74 146.4 119.6 179.4

44 6.6 6.5 9.7





#5

2-Fluorophenol

Concen: 115.026 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

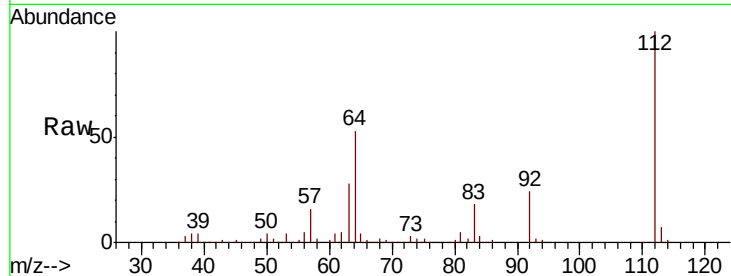
Tot Ion:112 Resp: 196681

Ion Ratio Lower Upper

112 100

64 53.4 42.8 64.2

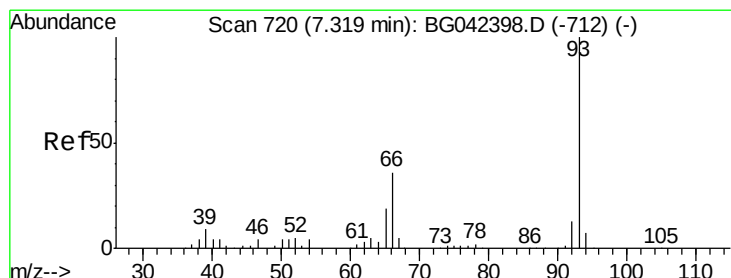
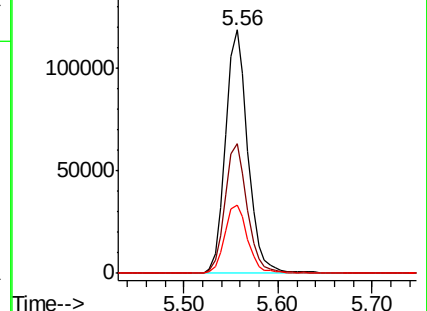
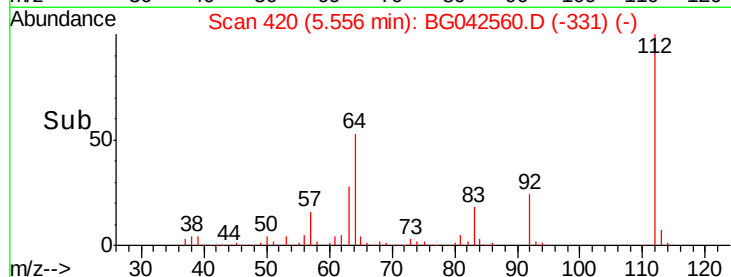
63 28.2 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.527 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

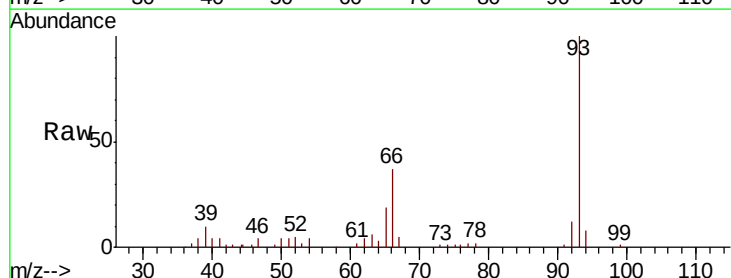
Tgt Ion: 93 Resp: 87879

Ion Ratio Lower Upper

93 100

66 36.8 29.0 43.6

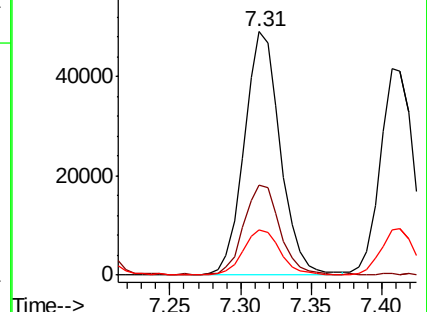
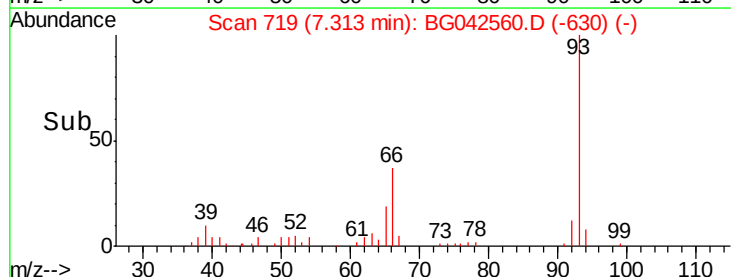
65 18.5 15.2 22.8

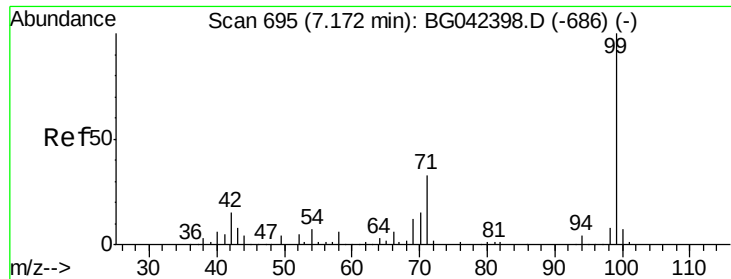


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.268 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

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ClientSampleId :

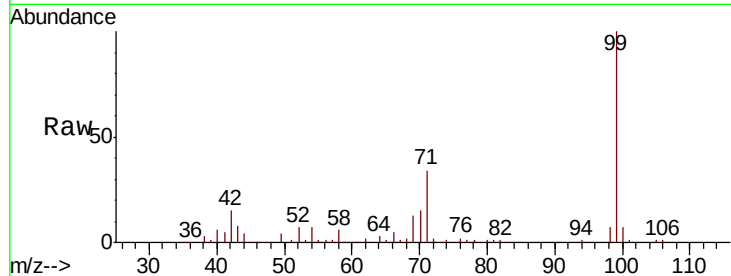
Tot Ion: 99 Resp: 243132

Ion Ratio Lower Upper

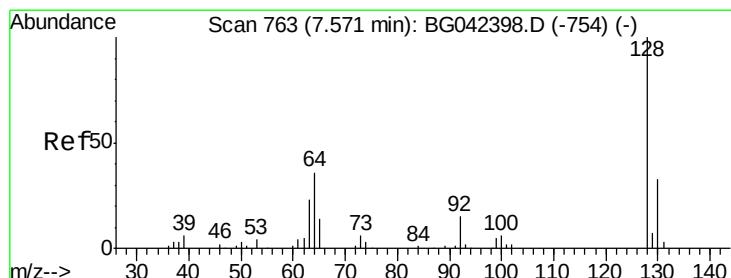
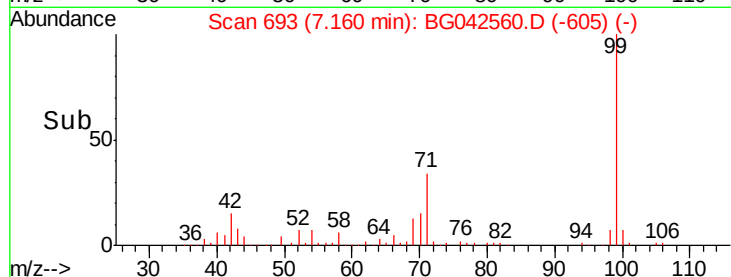
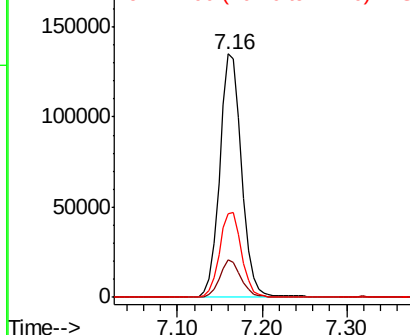
99 100

42 15.2 12.0 18.0

71 34.3 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: 42.443 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

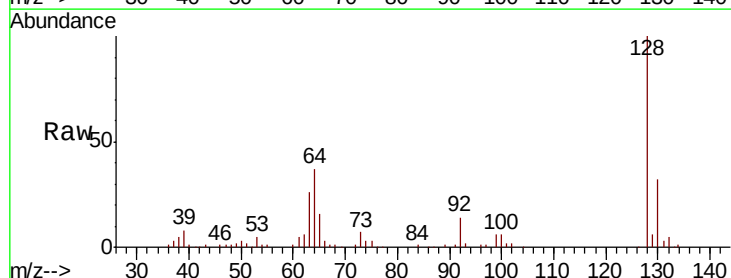
Tgt Ion: 128 Resp: 87953

Ion Ratio Lower Upper

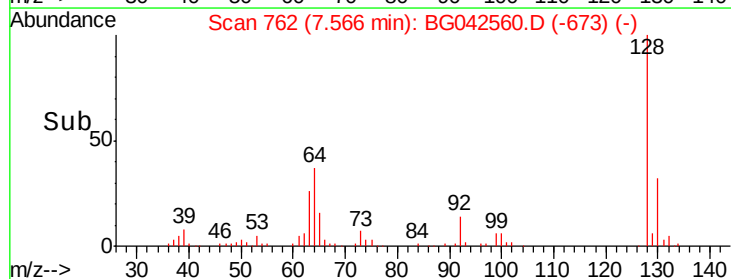
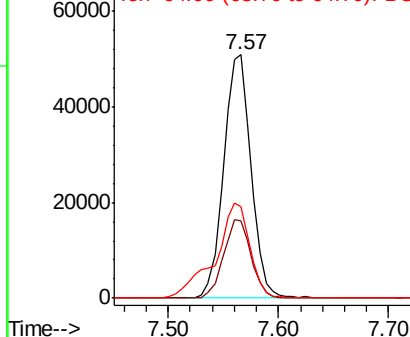
128 100

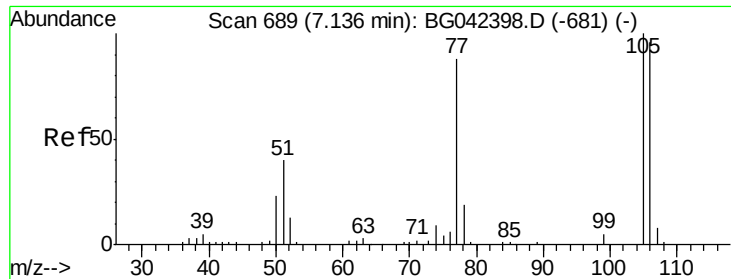
130 31.7 12.8 52.8

64 37.4 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: 43.363 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042560.D

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ClientSampleId :

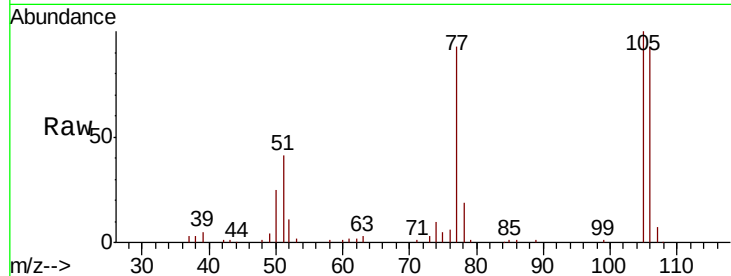
Tot Ion: 77 Resp: 50141

Ion Ratio Lower Upper

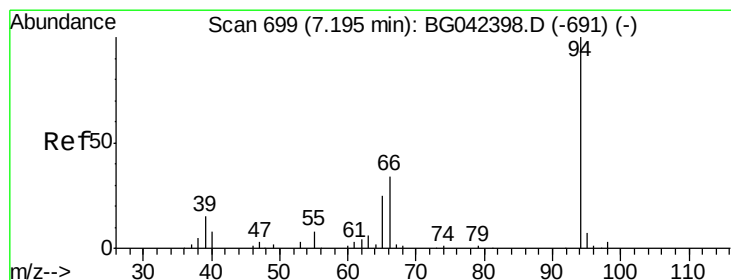
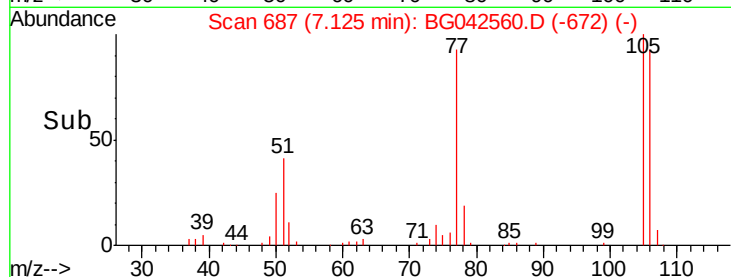
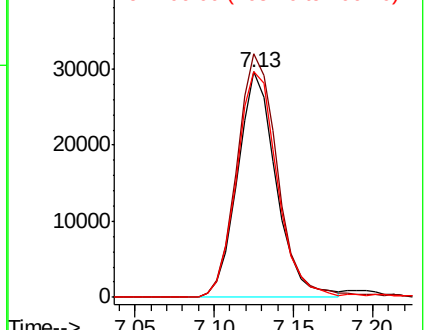
77 100

105 108.1 93.4 133.4

106 100.4 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: 40.977 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

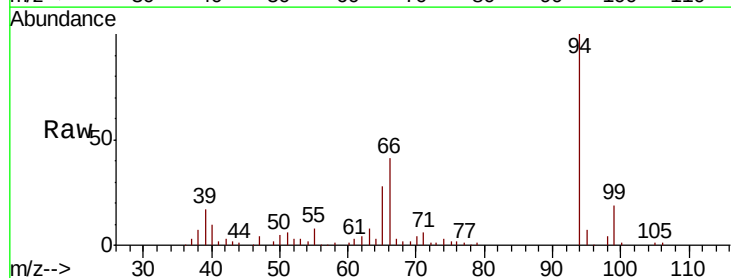
Tgt Ion: 94 Resp: 96227

Ion Ratio Lower Upper

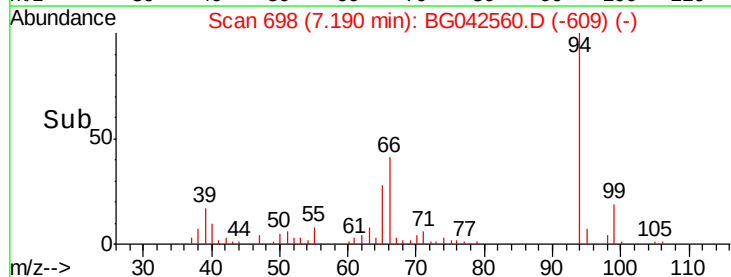
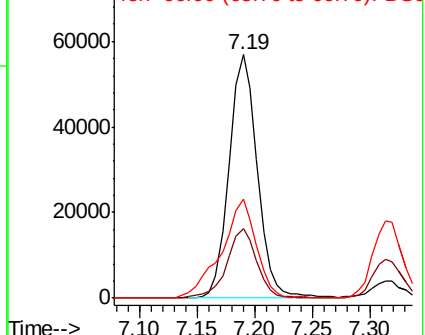
94 100

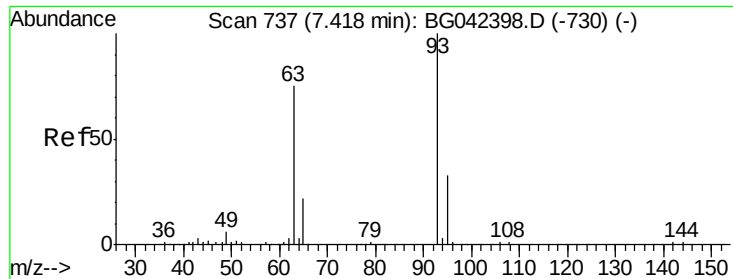
65 28.4 5.6 45.6

66 40.6 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: 38.104 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

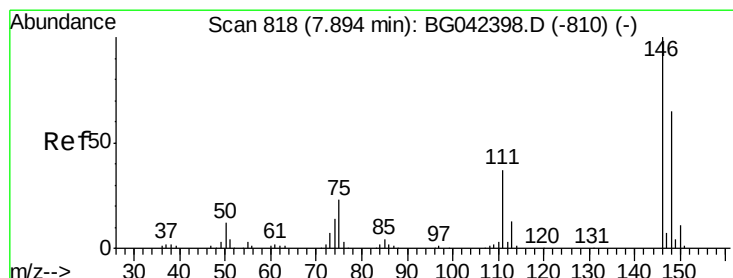
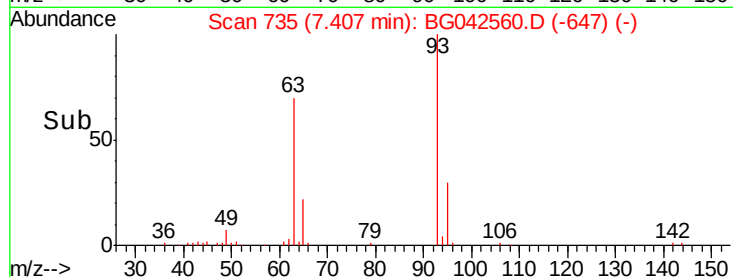
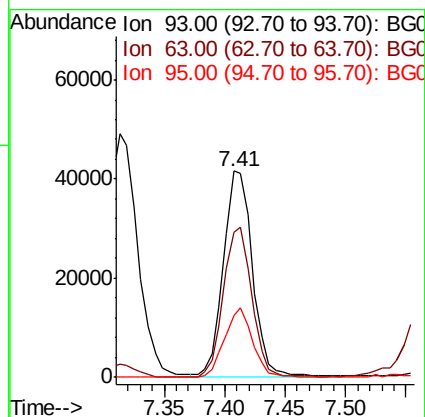
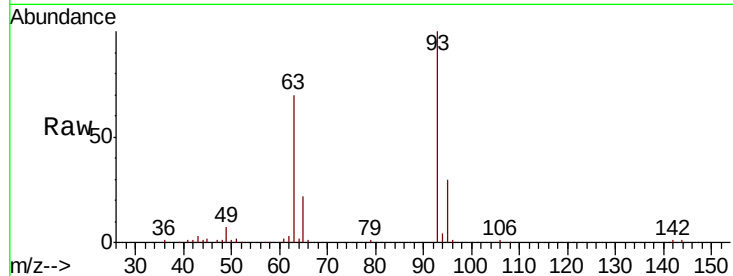
Tot Ion: 93 Resp: 70275

Ion Ratio Lower Upper

93 100

63 70.3 53.8 93.8

95 30.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 38.465 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

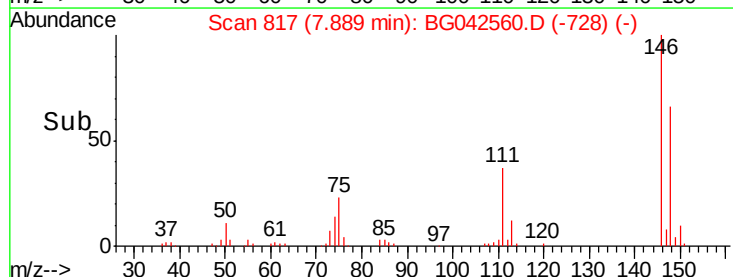
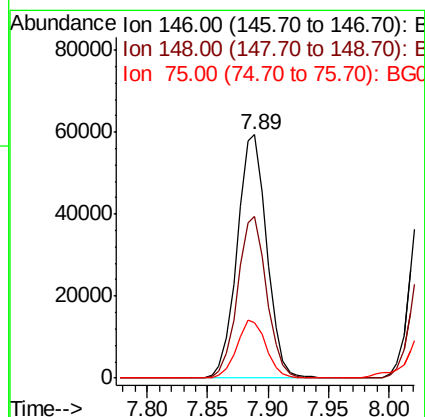
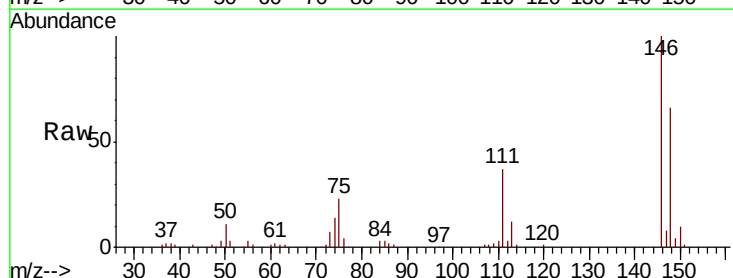
Tgt Ion: 146 Resp: 101399

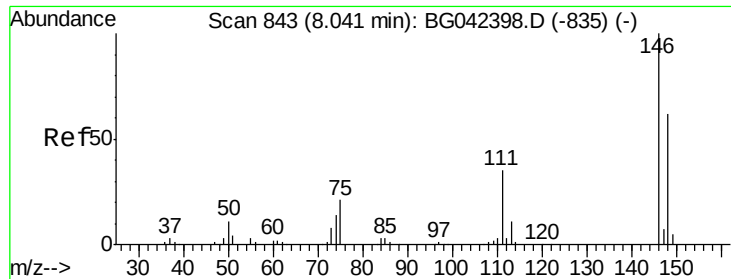
Ion Ratio Lower Upper

146 100

148 66.3 52.2 78.2

75 22.8 18.0 27.0

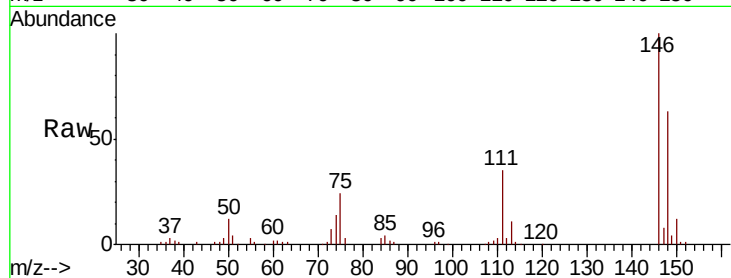




#13
 1,4-Dichlorobenzene
 Concen: 39.359 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.5	74.3
111	35.1	28.1	42.1

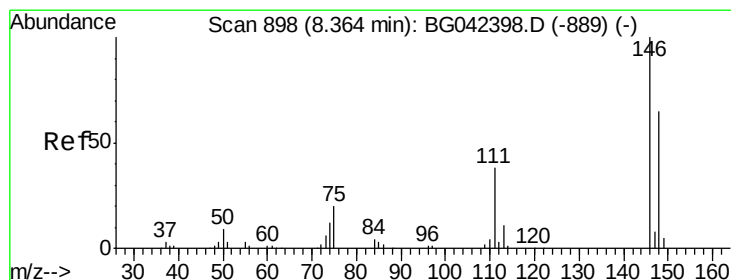
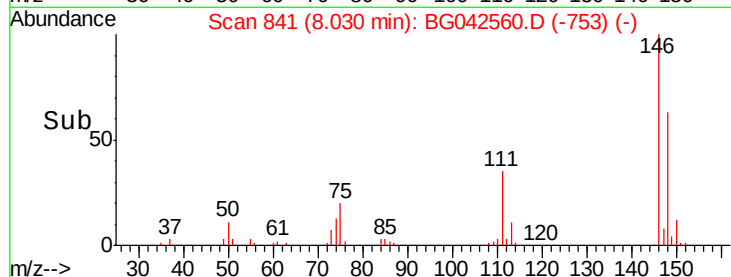
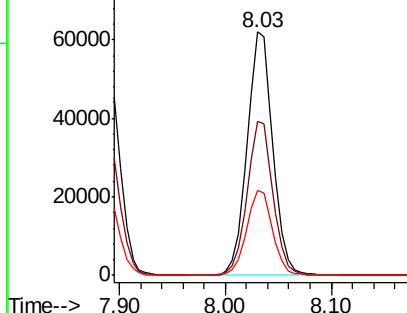


Abundance

Ion 146.00 (145.70 to 146.70): E

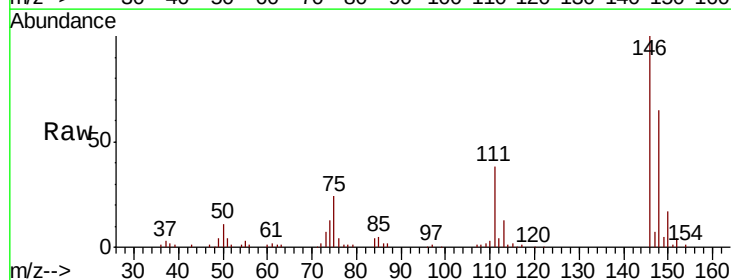
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.072 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	37.6	30.9	46.3

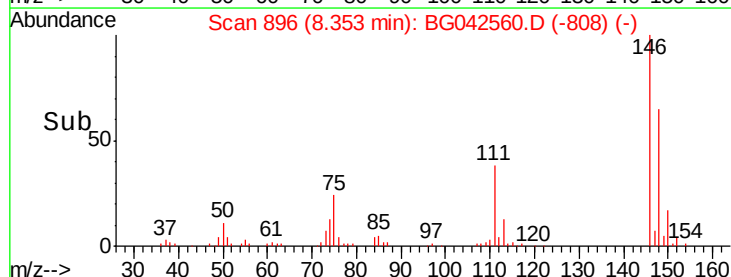
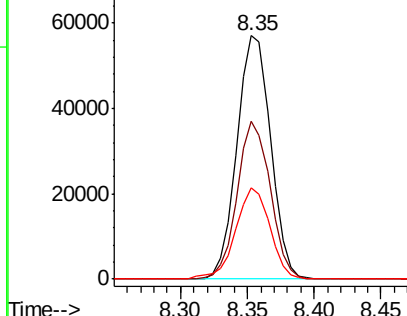


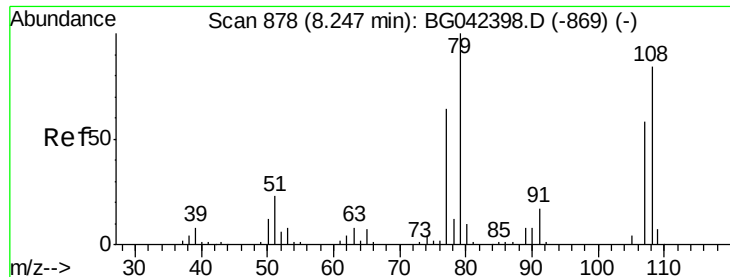
Abundance

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

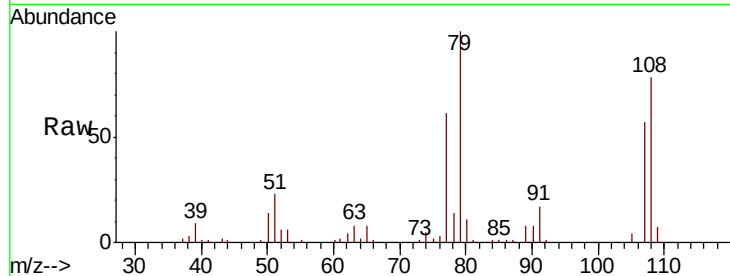




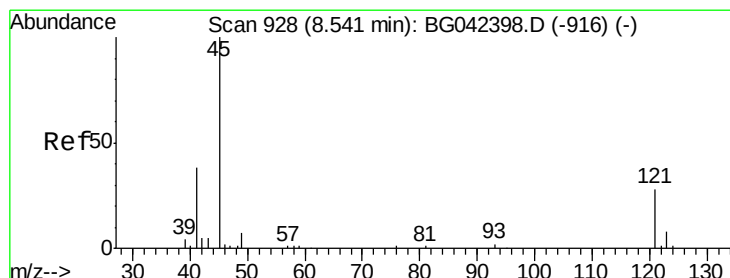
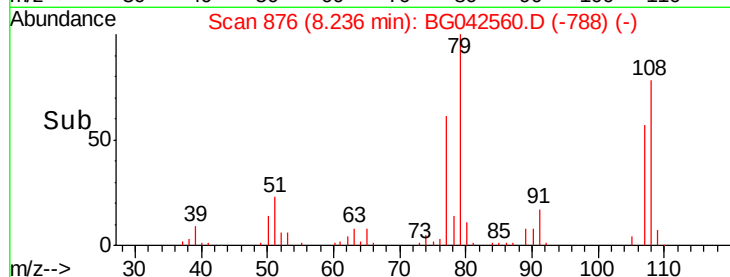
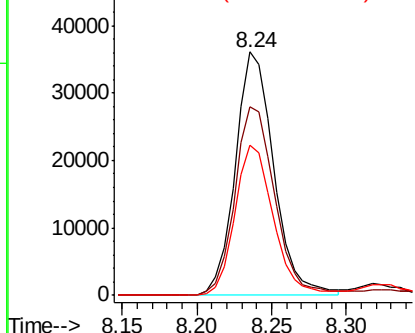
#15
Benzyl Alcohol
Concen: 38.958 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 64735
Ion Ratio Lower Upper
79 100
108 77.5 67.4 101.2
77 61.5 50.8 76.2

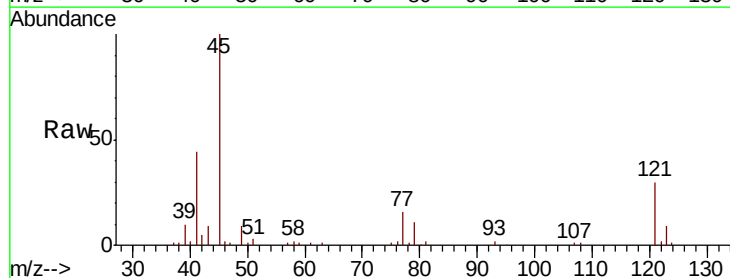


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

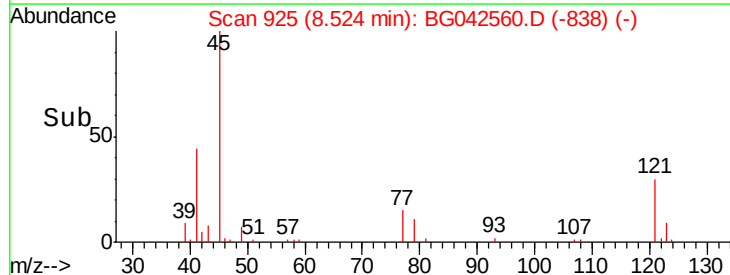
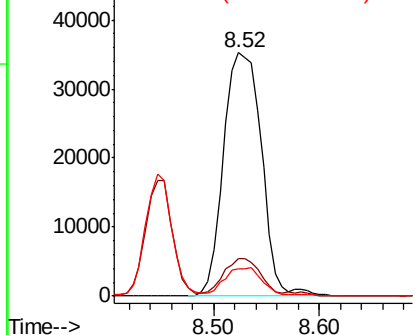


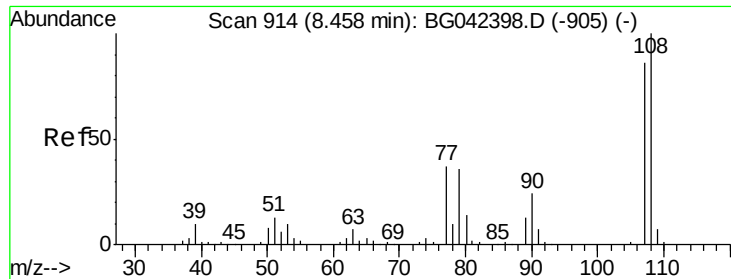
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.236 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion: 45 Resp: 88081
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.6
79 11.1 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

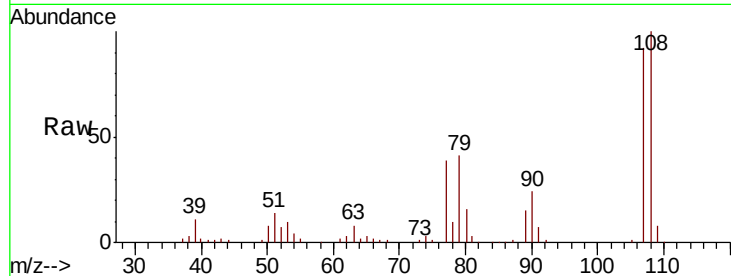




#17
2-Methylphenol
Concen: 39.950 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	69101
Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.9	139.3
77	42.0	34.4	51.6
79	44.6	33.8	50.6



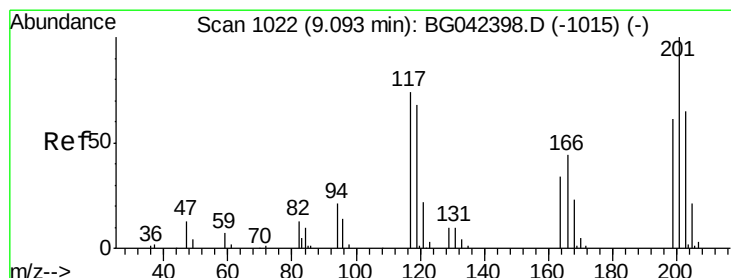
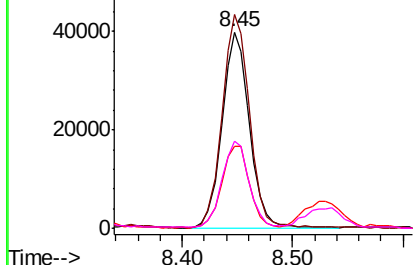
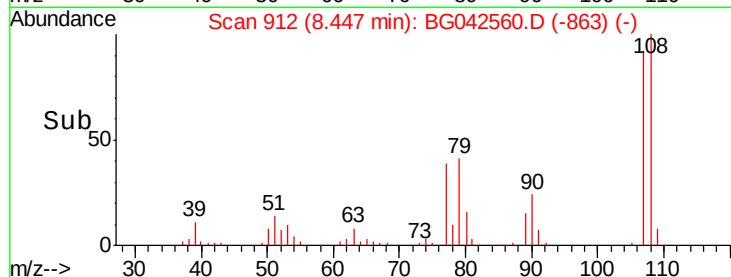
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

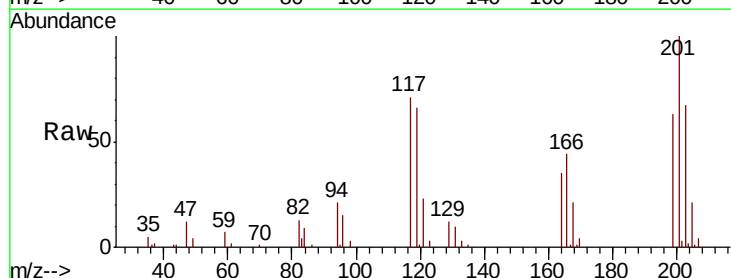
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.559 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:	117	Resp:	34334
Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.8	110.8
201	140.7	108.3	162.5

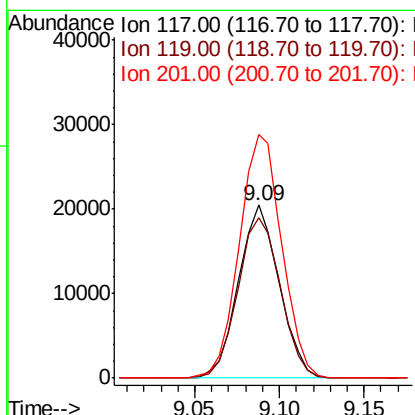
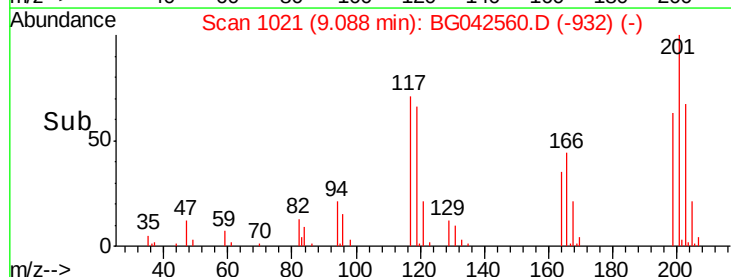


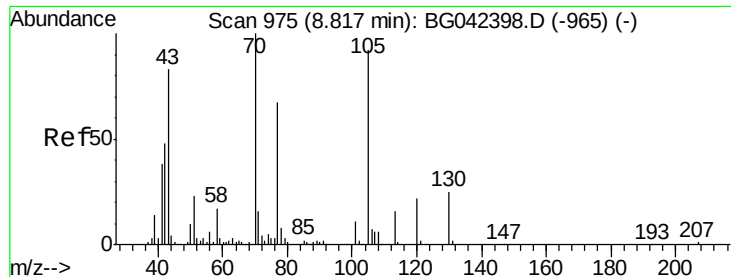
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

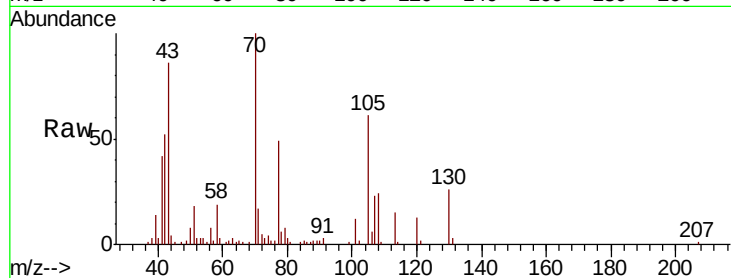




#19
n-Nitroso-di-n-propylamine
Concen: 35.528 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	53162
Ion	Ratio	Lower	Upper
70	100		
42	52.4	38.8	58.2
101	11.8	9.0	13.6
130	25.7	20.0	30.0



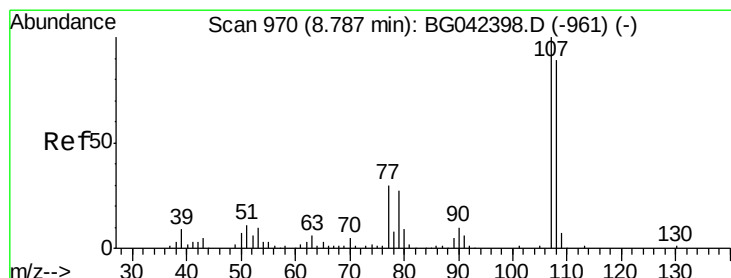
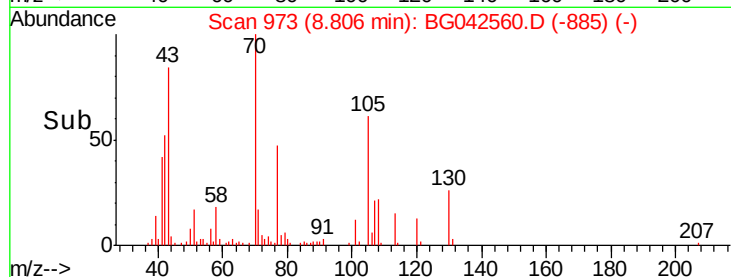
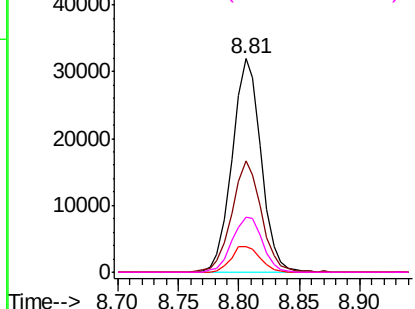
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

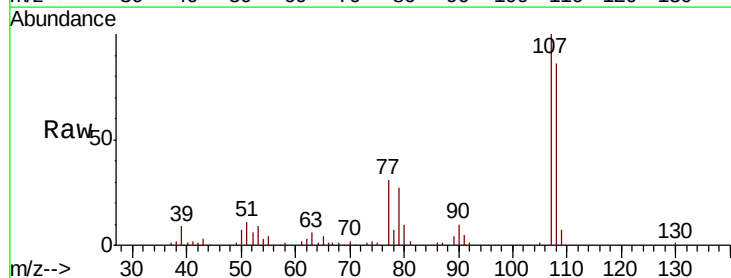
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.629 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:	107	Resp:	92456
Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.7	108.7
77	30.7	10.2	50.2
79	27.2	6.9	46.9



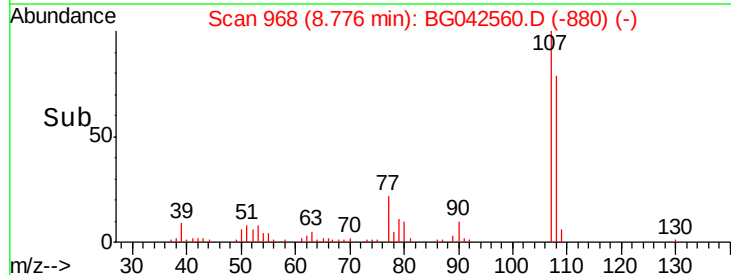
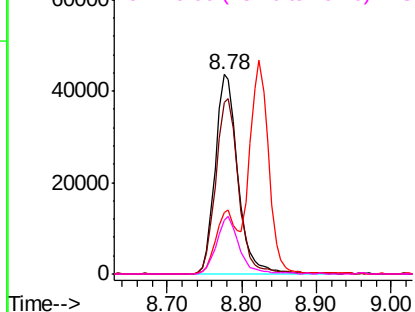
Abundance

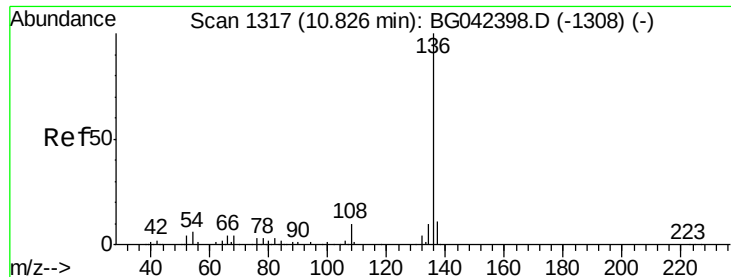
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

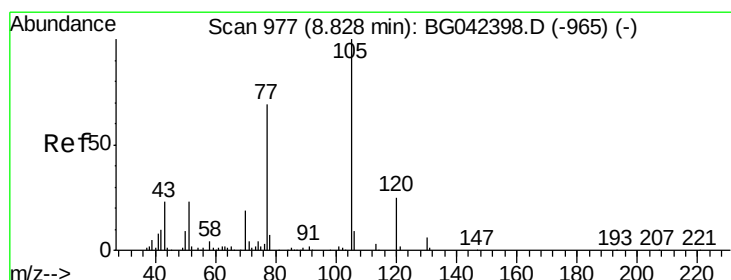
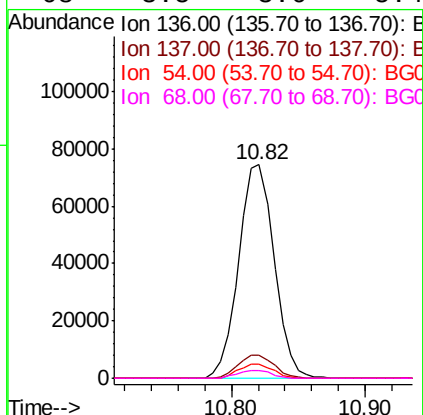
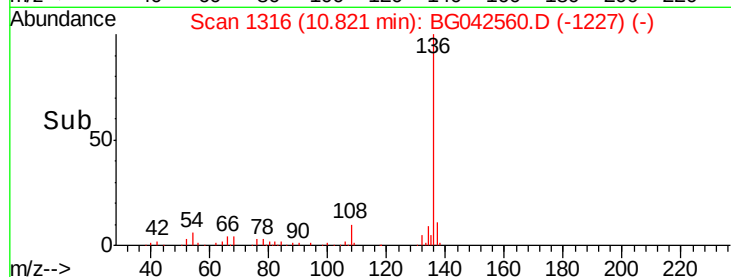
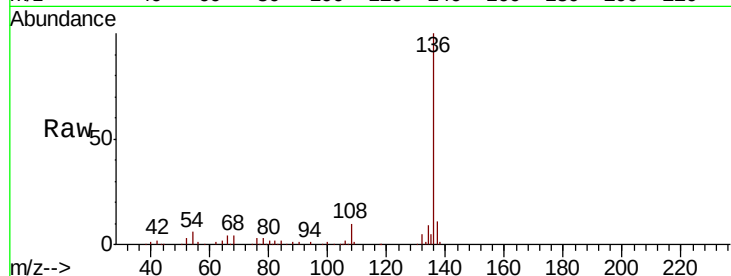




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

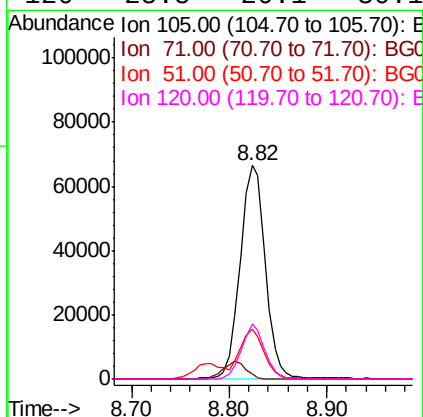
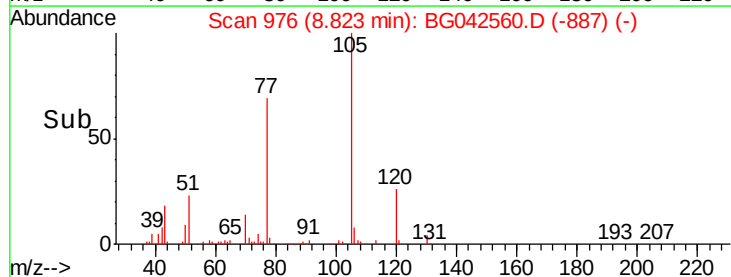
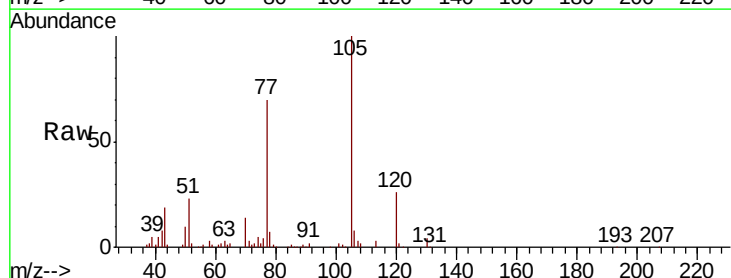
Instrument :
BNA_G
ClientSampleId :

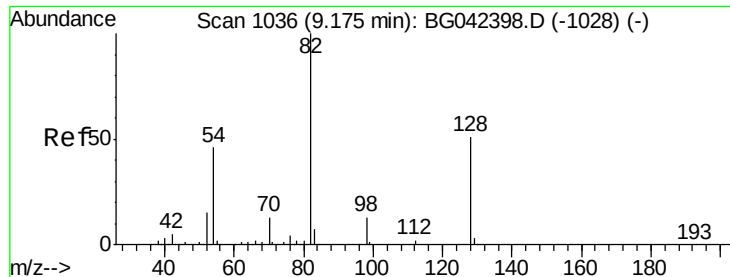
Tot Ion:136	Resp:	137126
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	6.4	4.9 7.3
68	3.5	3.6 5.4#



#22
Acetophenone
Concen: 40.754 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:105	Resp:	119526
Ion	Ratio	Lower Upper
105	100	
71	2.5	2.8 4.2#
51	23.1	18.7 28.1
120	25.5	20.1 30.1

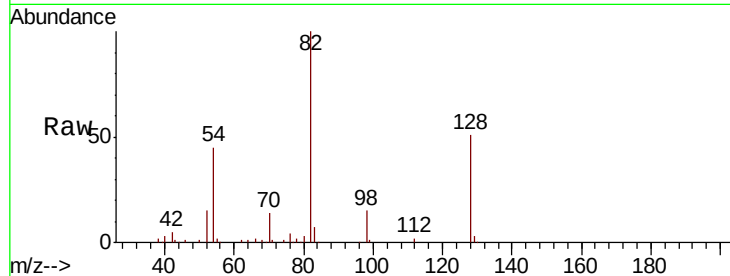




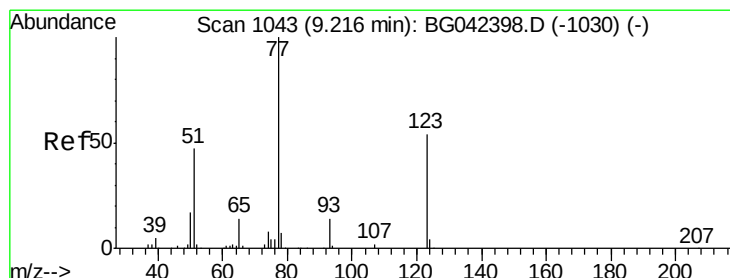
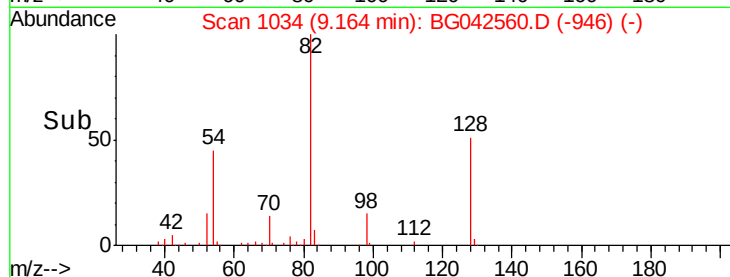
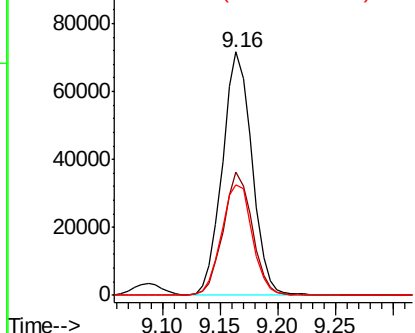
#23
Nitrobenzene-d5
Concen: 64.378 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	127748
Ion Ratio	Lower	Upper	
82	100		
128	50.8	40.7	61.1
54	45.5	36.3	54.5

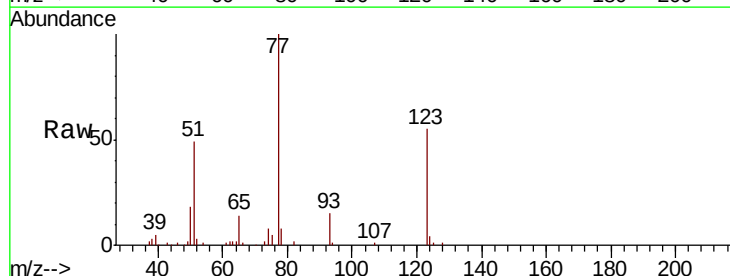


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

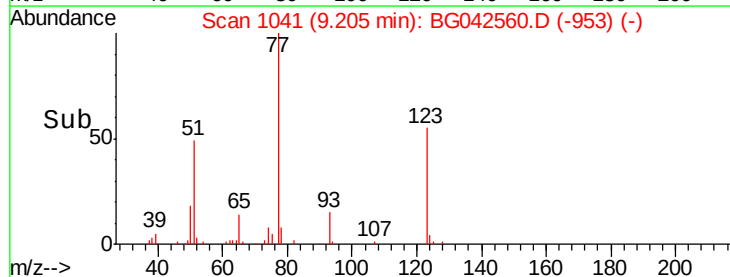
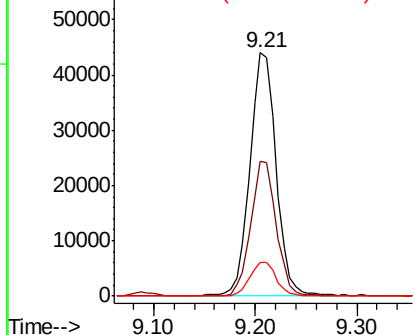


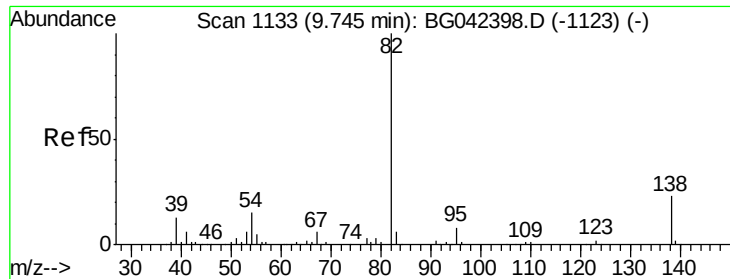
#24
Nitrobenzene
Concen: 39.409 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion	77	Resp	79189
Ion Ratio	Lower	Upper	
77	100		
123	55.4	43.4	65.0
65	13.8	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

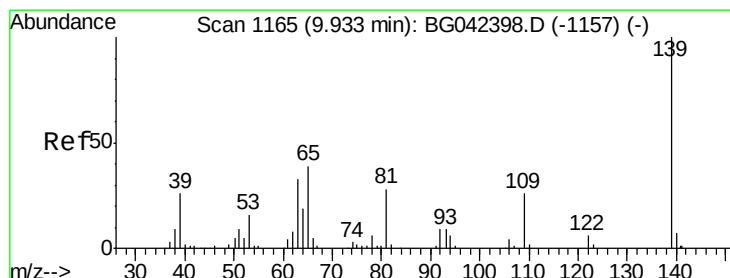
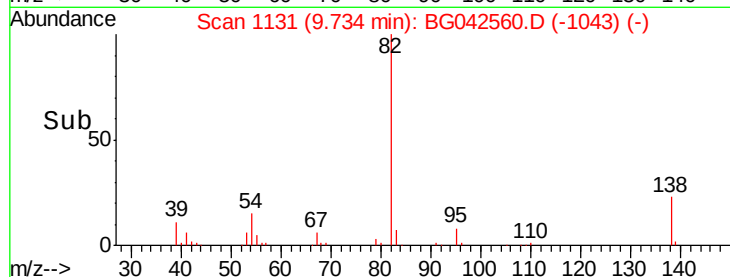
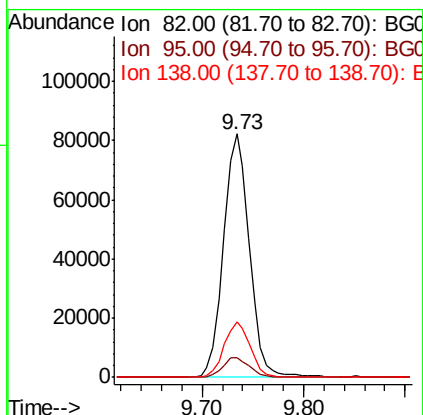
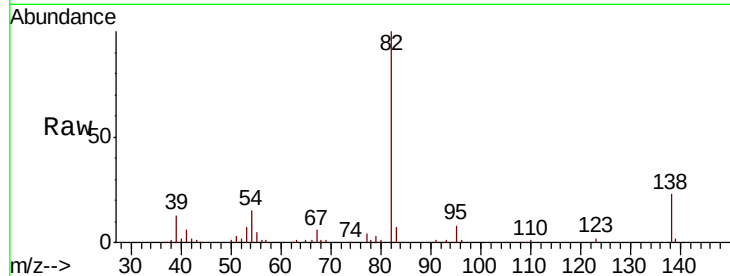




#25
Isophorone
Concen: 37.149 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

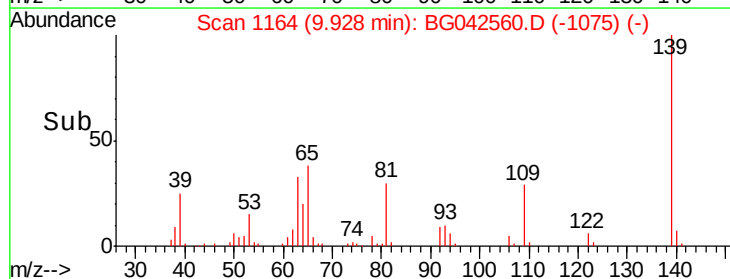
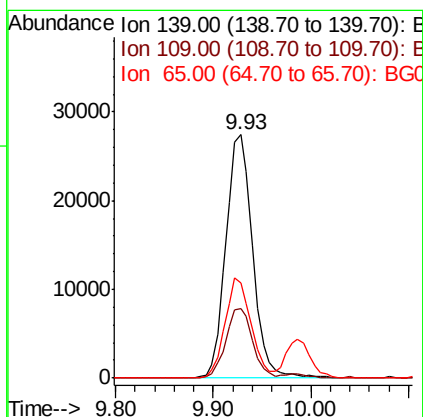
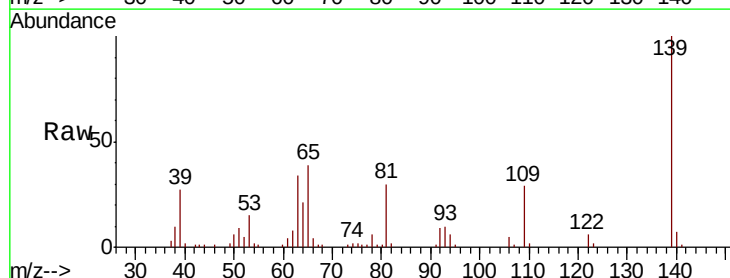
Instrument :
BNA_G
ClientSampled :

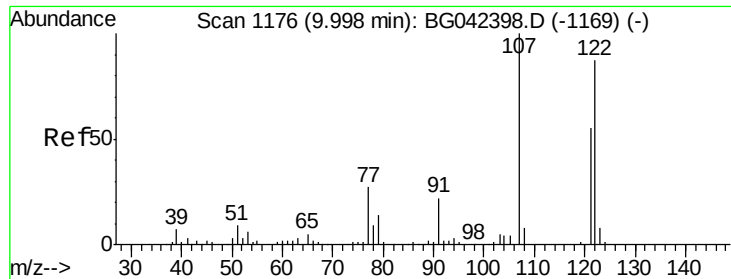
Tot Ion: 82 Resp: 145481
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 22.5 18.6 27.8



#26
2-Nitrophenol
Concen: 41.459 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion: 139 Resp: 52207
Ion Ratio Lower Upper
139 100
109 28.7 20.5 30.7
65 39.2 30.9 46.3

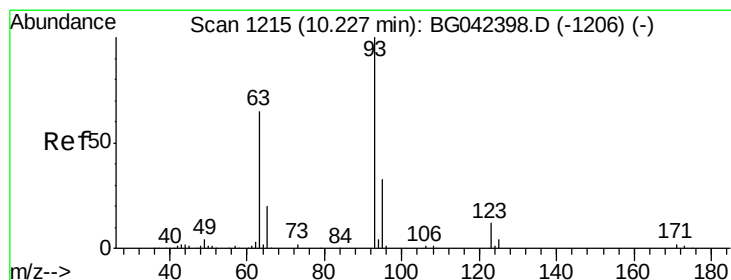
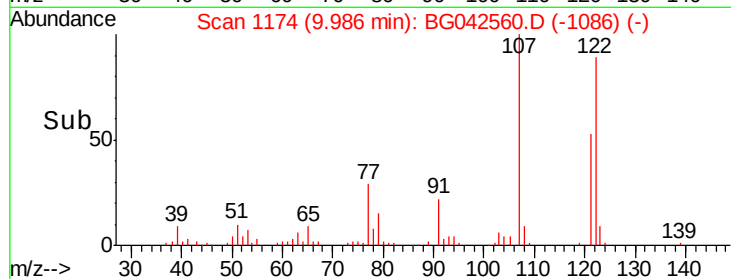
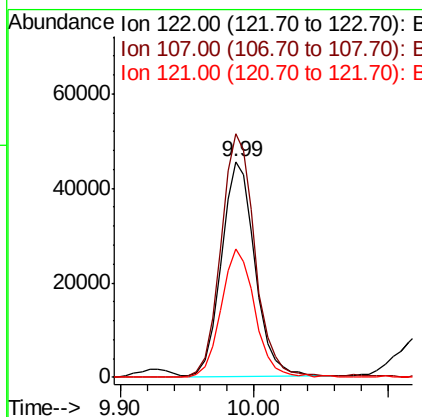
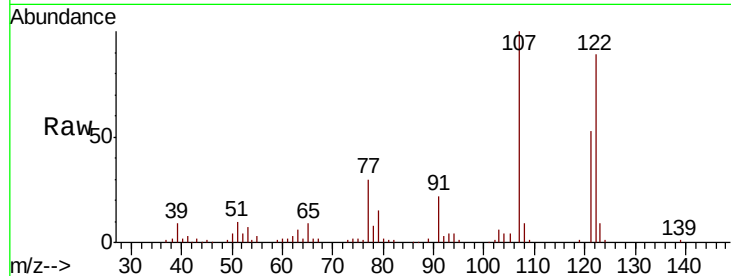




#27
 2,4-Dimethylphenol
 Concen: 46.063 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

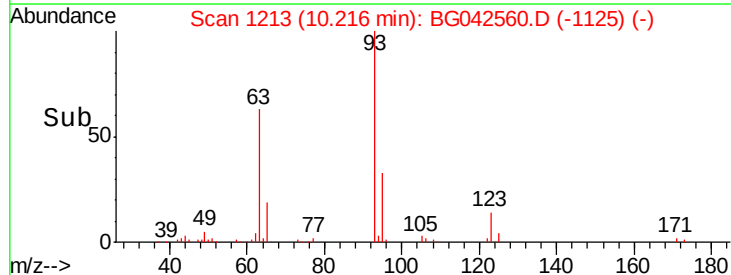
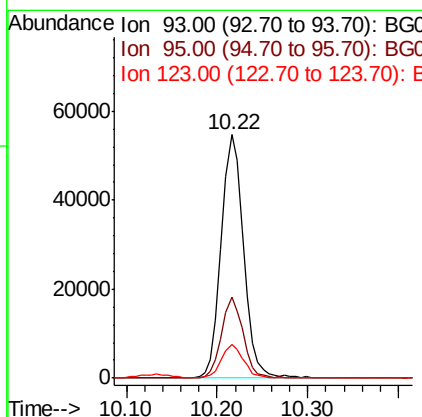
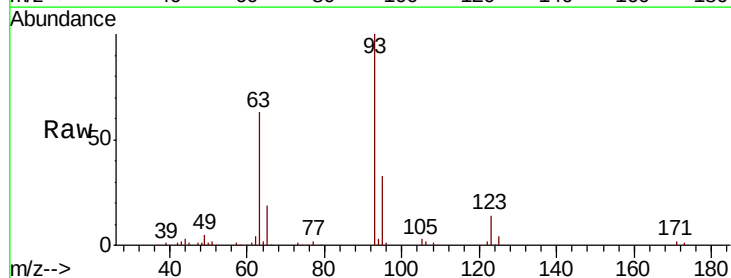
Instrument :
 BNA_G
 ClientSampleId :

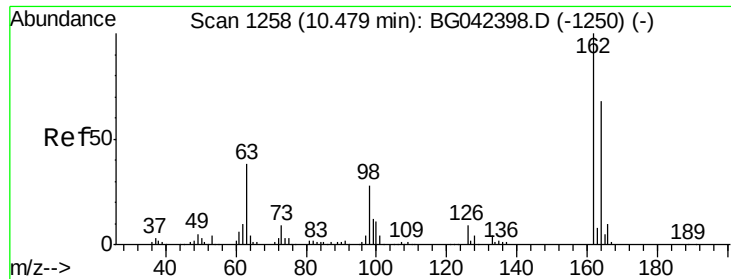
Tot Ion:122 Resp: 79901
 Ion Ratio Lower Upper
 122 100
 107 112.9 90.8 136.2
 121 59.5 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.031 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion: 93 Resp: 93871
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 14.0 10.1 15.1

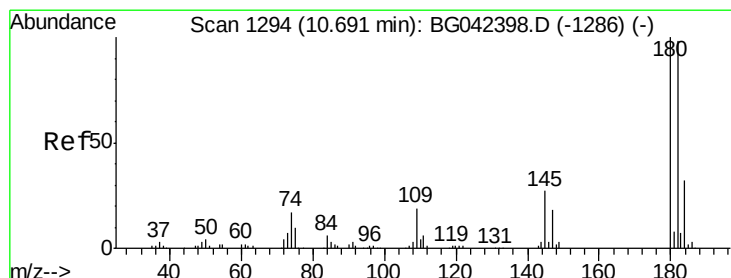
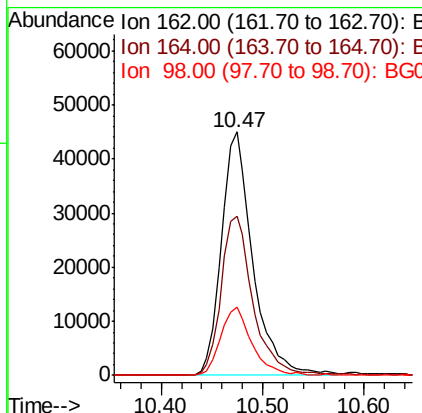
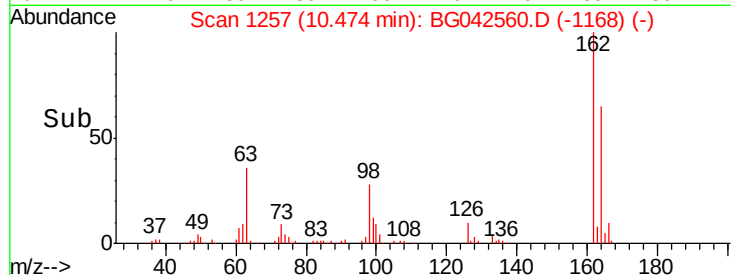
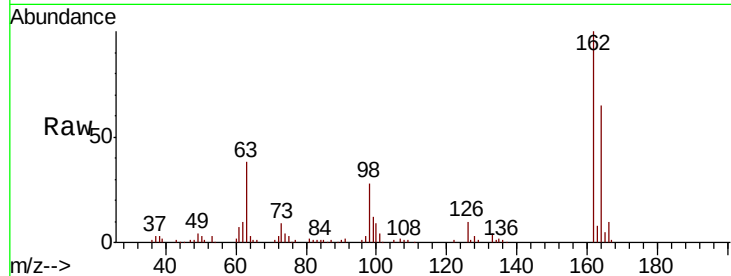




#29
 2,4-Dichlorophenol
 Concen: 42.486 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

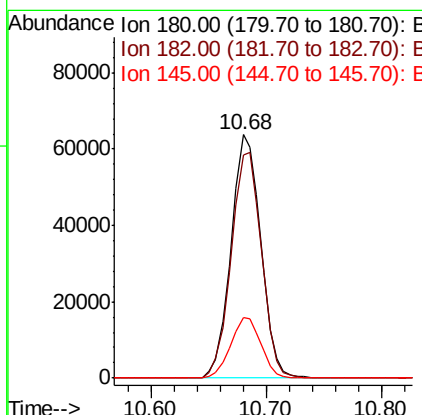
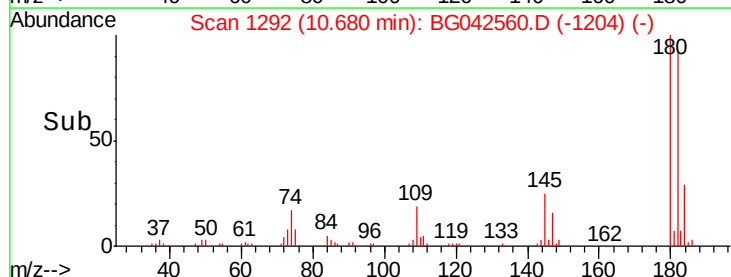
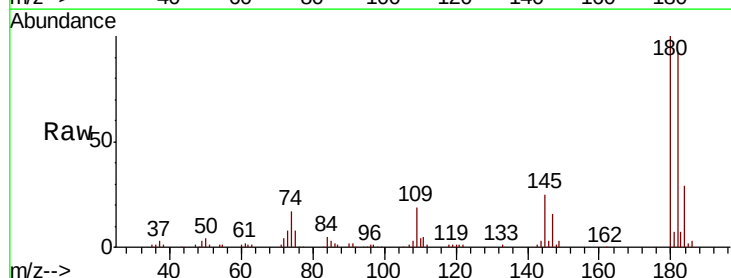
Instrument :
 BNA_G
 ClientSampleId :

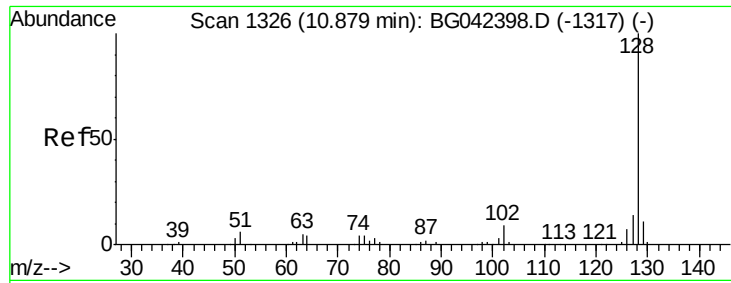
Tot Ion	162	Resp	96420
Ion Ratio	100		
Lower	48.1		
Upper	88.1		
164	65.4		
98	28.3		
7.6			
47.6			



#30
 1,2,4-Trichlorobenzene
 Concen: 40.829 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	180	Resp	113736
Ion Ratio	100		
Lower	78.7		
Upper	118.1		
182	91.5		
145	24.8		
21.6			
32.4			

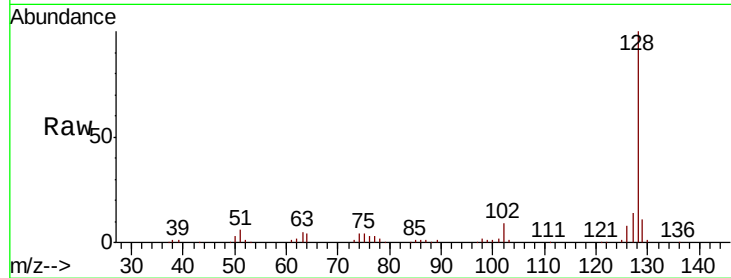




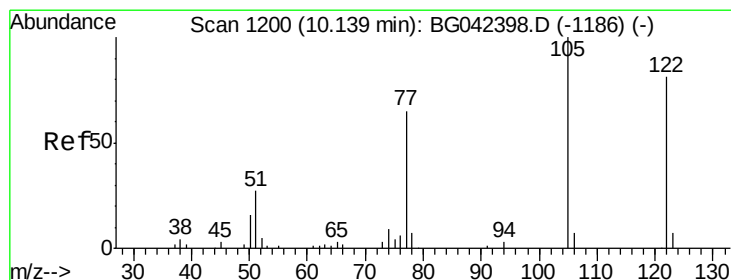
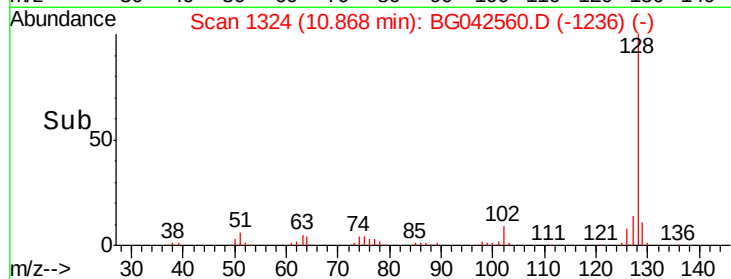
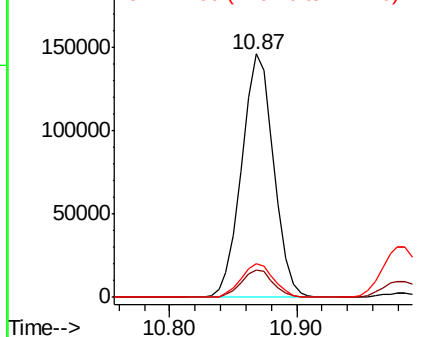
#31
Naphthalene
Concen: 40.167 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 255720
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.8 11.4 17.0

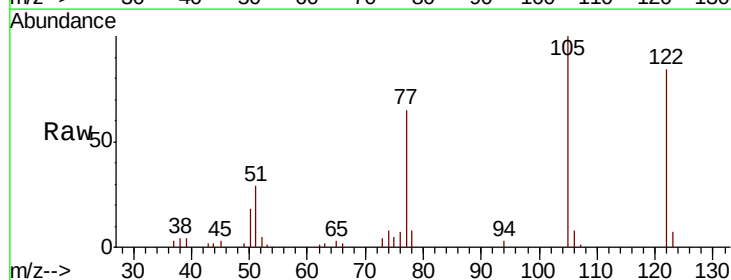


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

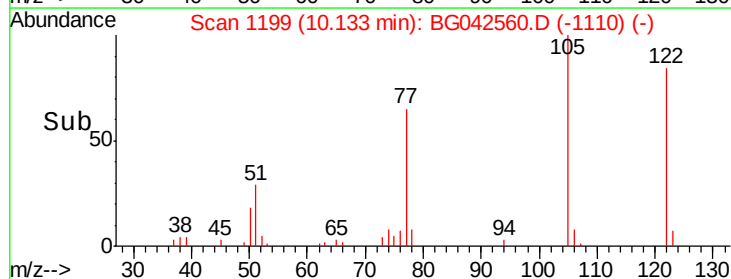
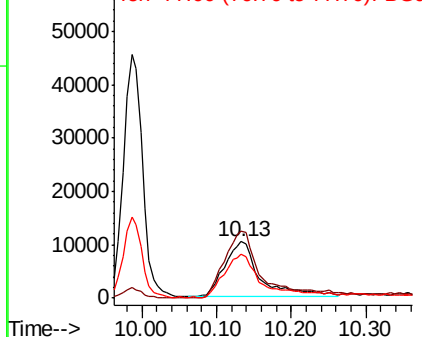


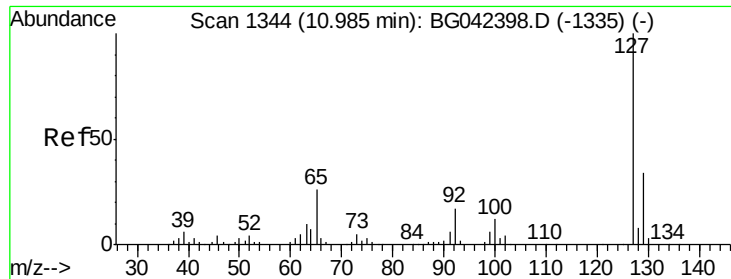
#32
Benzoic acid
Concen: 30.809 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:122 Resp: 34346
Ion Ratio Lower Upper
122 100
105 119.3 99.6 139.6
77 77.1 59.5 99.5



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

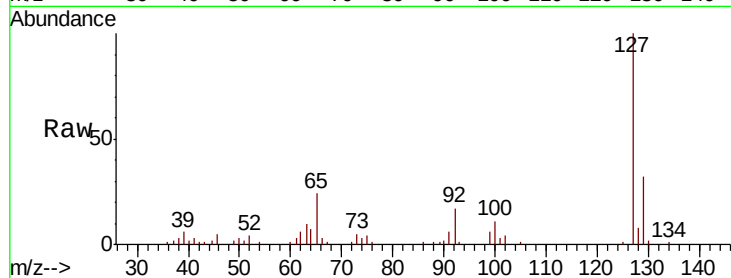




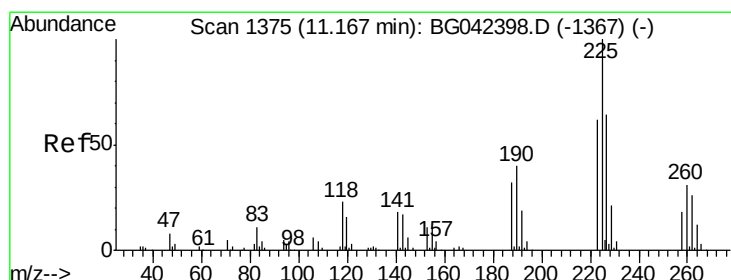
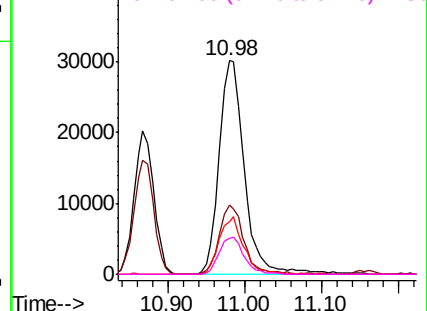
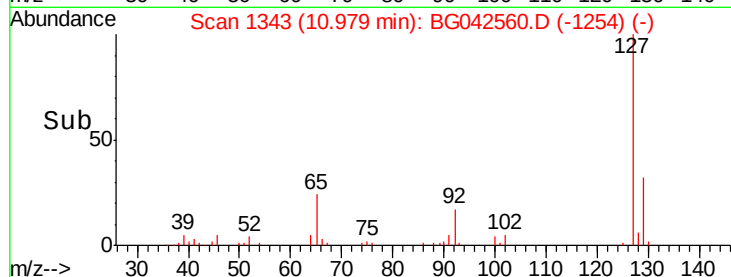
#33
4-Chloroaniline
Concen: 23.232 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	68278
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.8 40.2
65	24.3	20.7 31.1
92	16.6	13.6 20.4

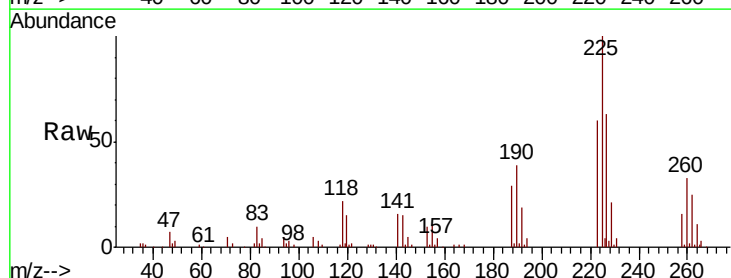


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

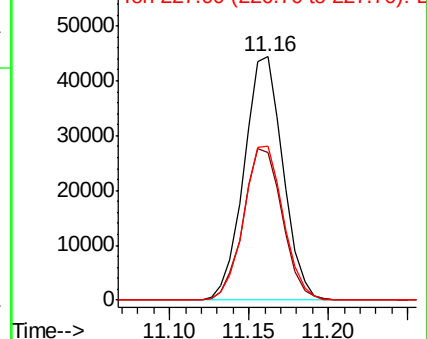
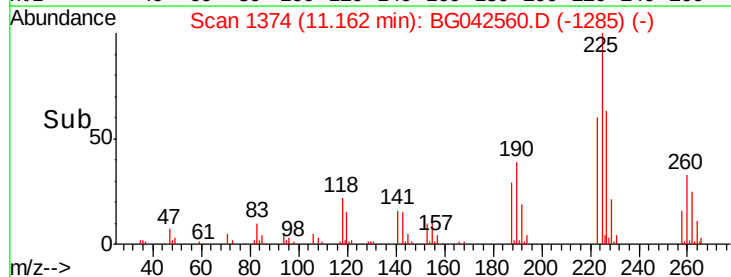


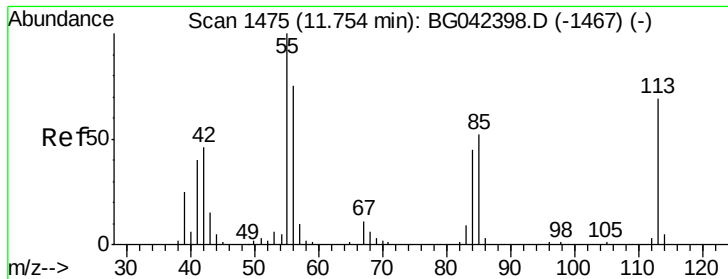
#34
Hexachlorobutadiene
Concen: 40.480 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:225	Resp:	75784
Ion Ratio	Lower	Upper
225	100	
223	60.5	49.8 74.6
227	63.4	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: 14.176 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

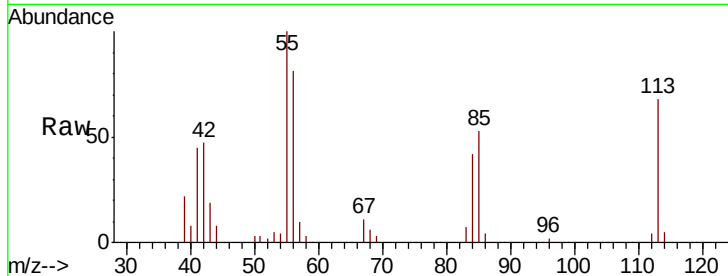
Tot Ion:113 Resp: 10735

Ion Ratio Lower Upper

113 100

55 147.1 124.6 164.6

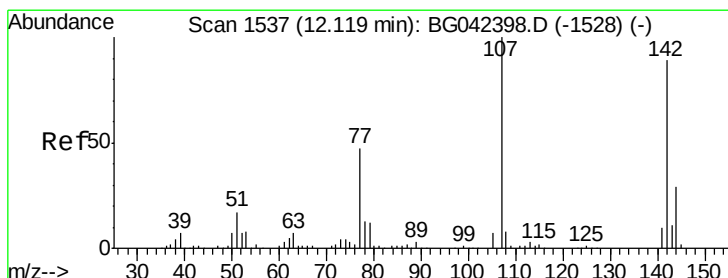
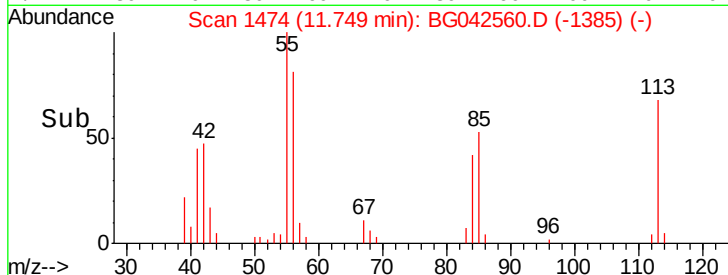
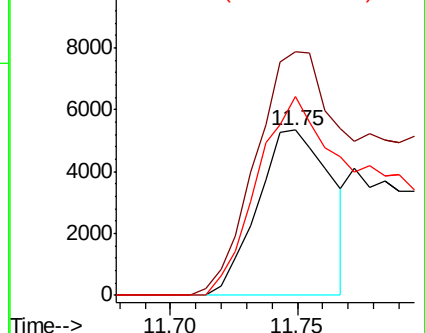
56 119.8 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.971 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

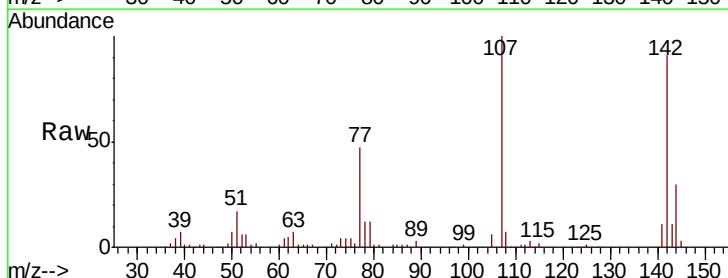
Tgt Ion:107 Resp: 86114

Ion Ratio Lower Upper

107 100

144 30.0 23.6 35.4

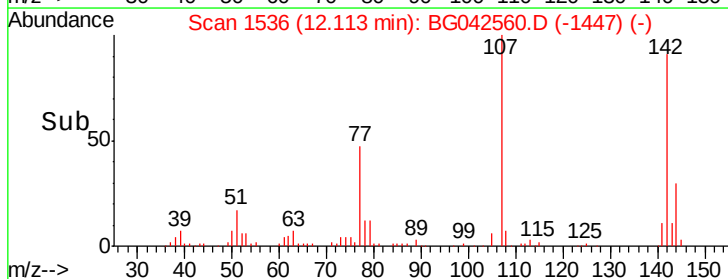
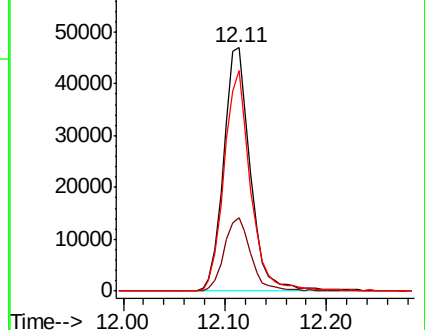
142 90.6 71.0 106.4

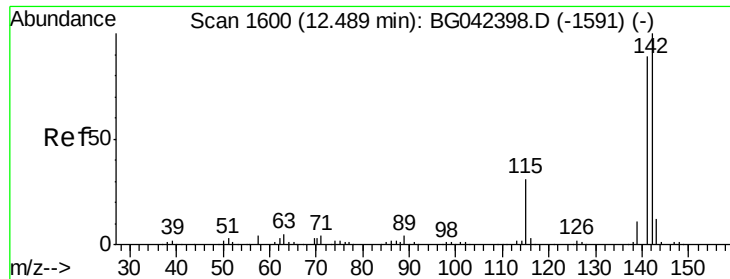


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

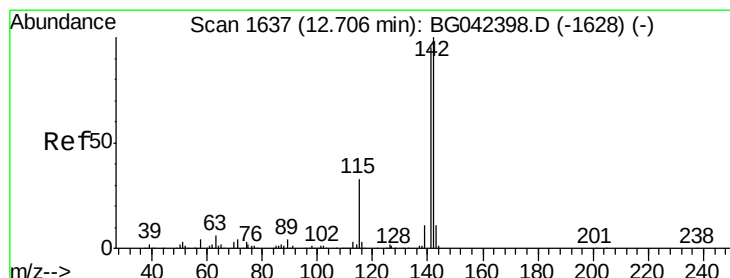
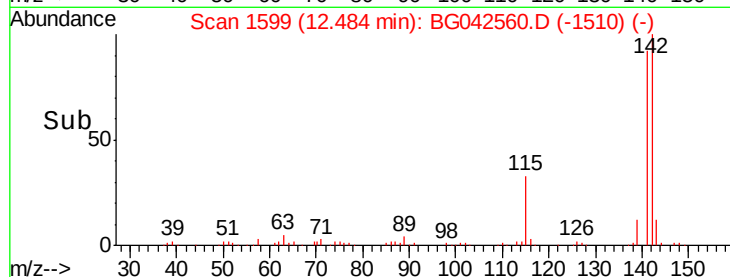
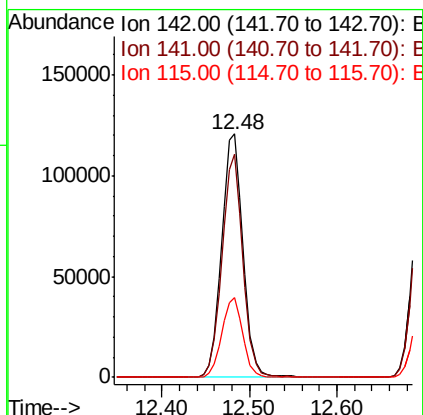
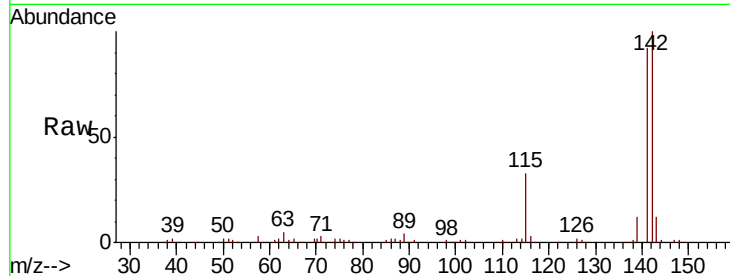




#37
2-Methylnaphthalene
Concen: 39.834 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

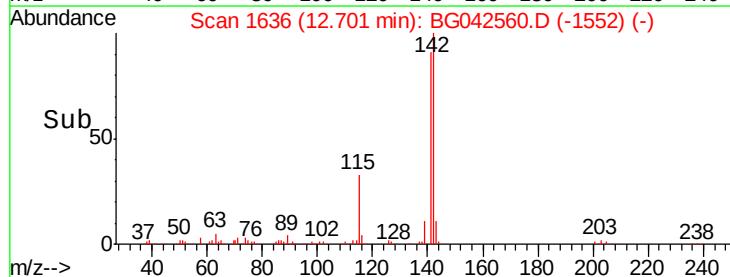
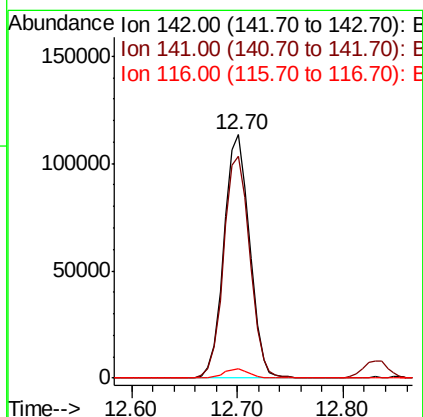
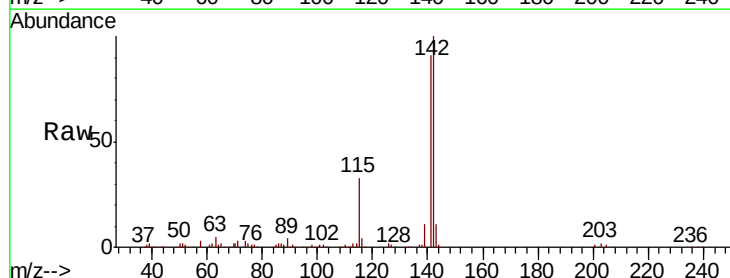
Instrument :
BNA_G
ClientSampleId :

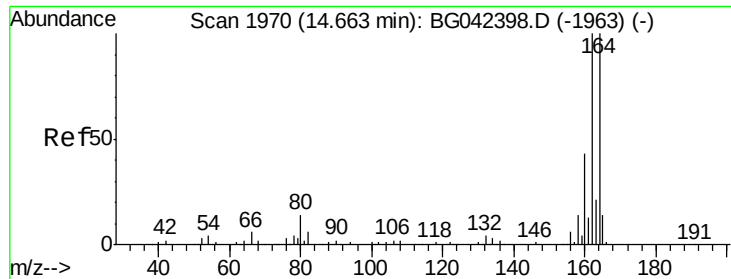
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.4	107.2
115	32.8	25.2	37.8



#38
1-Methylnaphthalene
Concen: 39.310 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	76.2	114.2
116	3.9	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

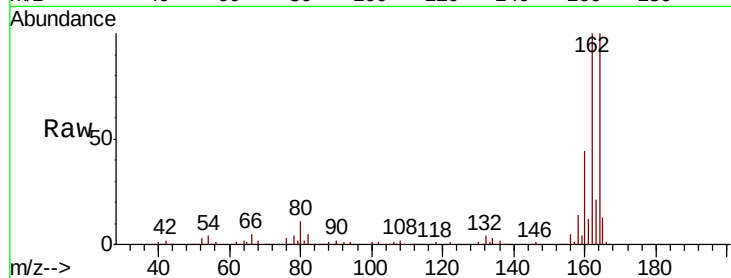
Tot Ion:164 Resp: 97903

Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

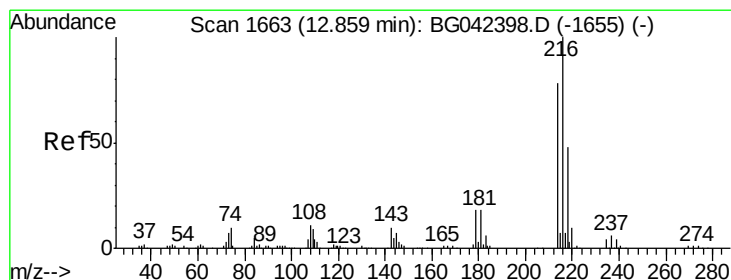
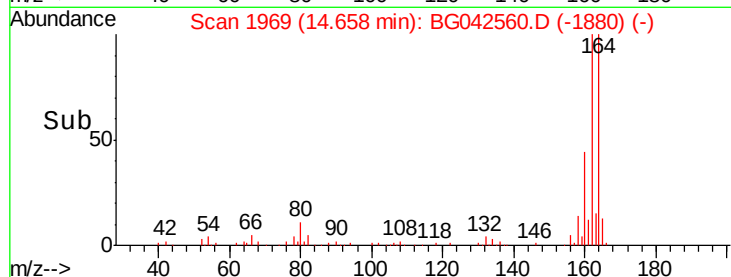
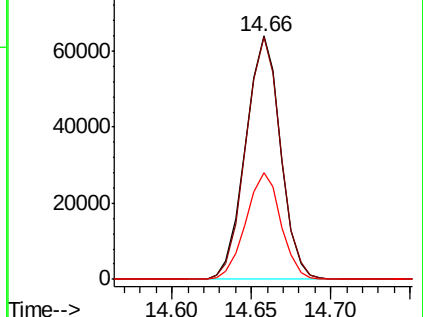
160 44.0 34.3 51.5



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: 43.733 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Tgt Ion:216 Resp: 137496

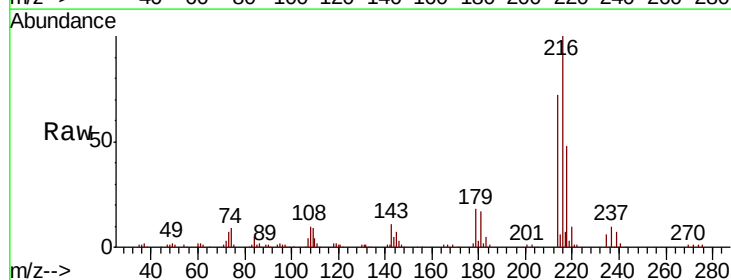
Ion Ratio Lower Upper

216 100

214 75.5 61.4 92.2

179 18.6 15.1 22.7

108 12.6 9.4 14.0

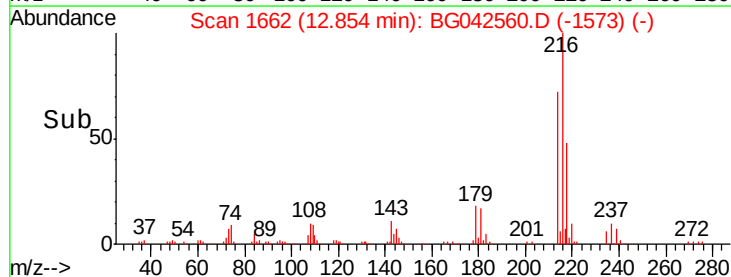
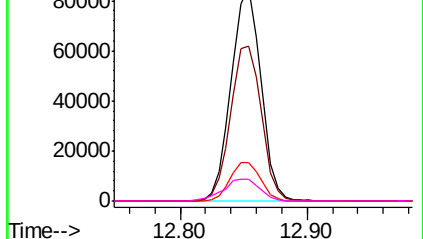


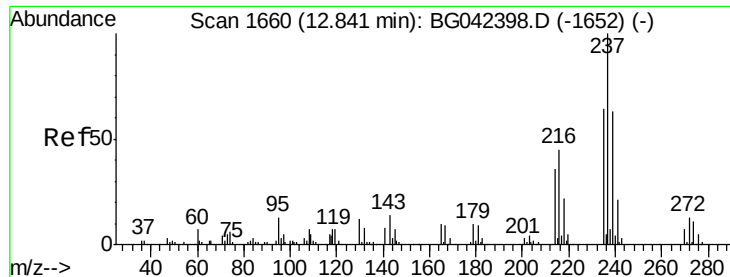
Abundance Ion 216.00 (215.70 to 216.70): E

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

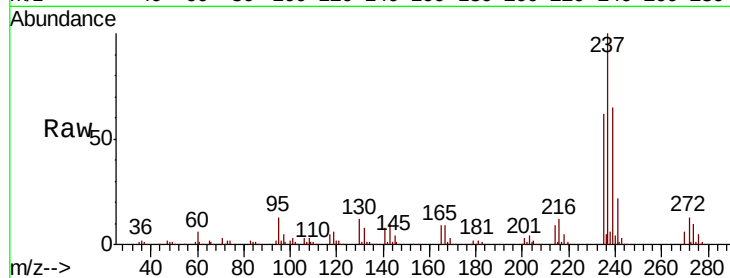




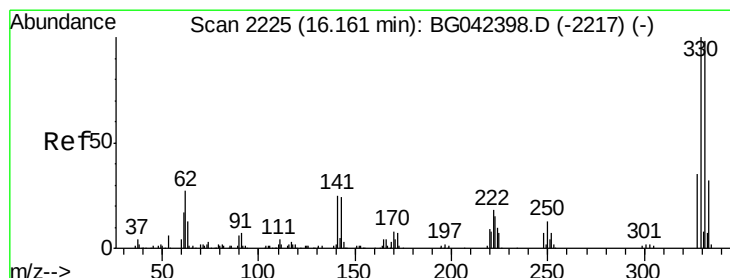
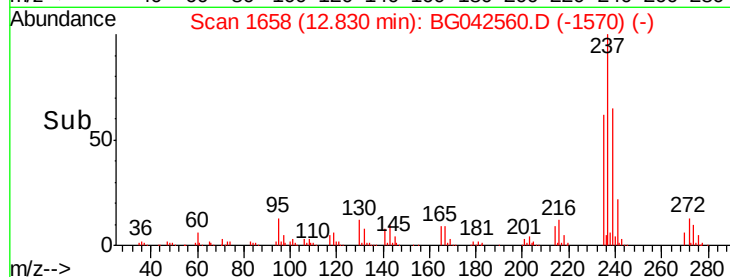
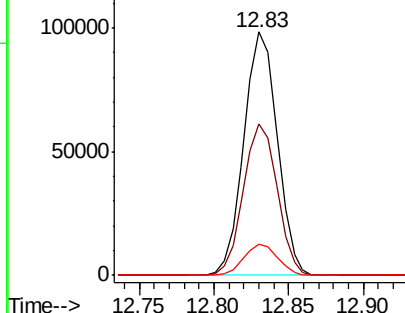
#41
Hexachlorocyclopentadiene
Concen: 92.294 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 152425
Ion Ratio Lower Upper
237 100
235 62.1 43.7 83.7
272 13.0 0.0 33.3

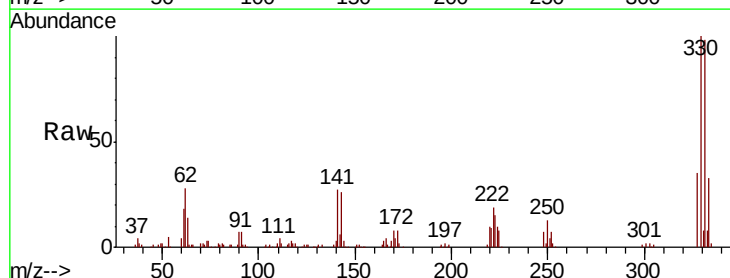


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

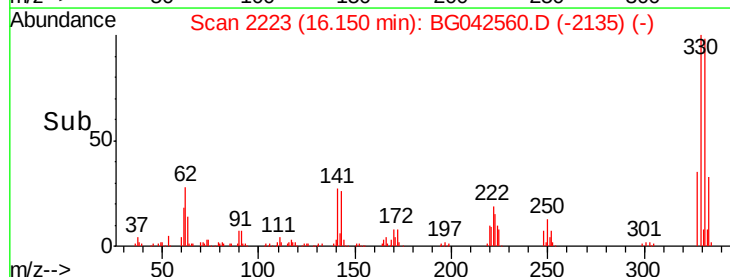
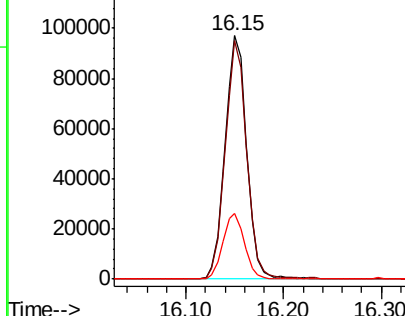


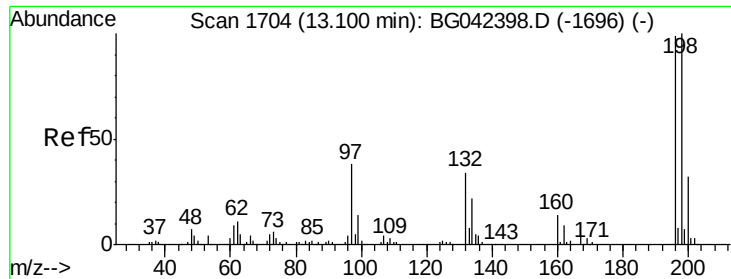
#42
2,4,6-Tribromophenol
Concen: 107.269 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:330 Resp: 149268
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 26.9 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

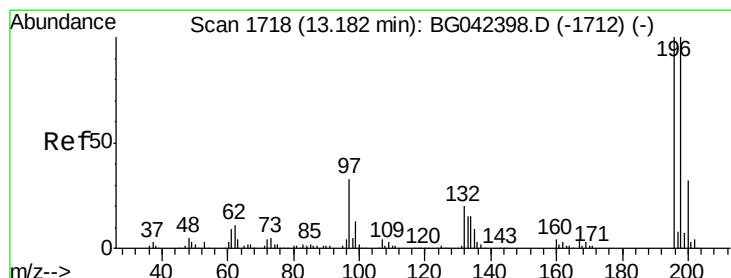
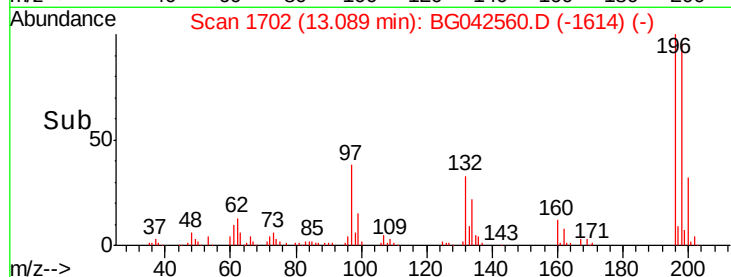
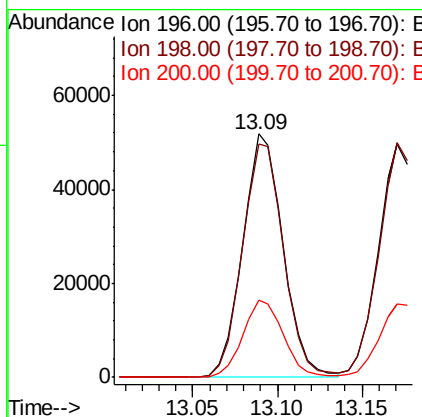
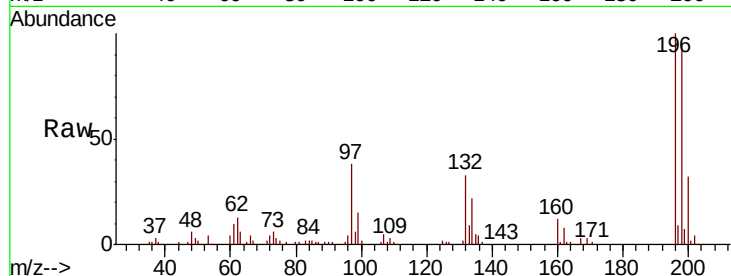




#43
 2,4,6-Trichlorophenol
 Concen: 40.626 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

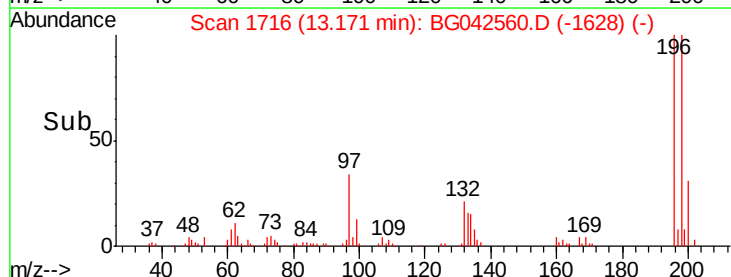
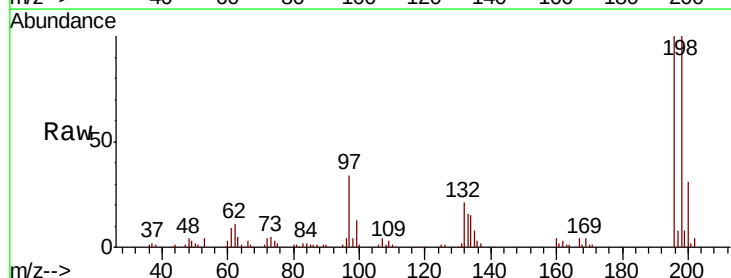
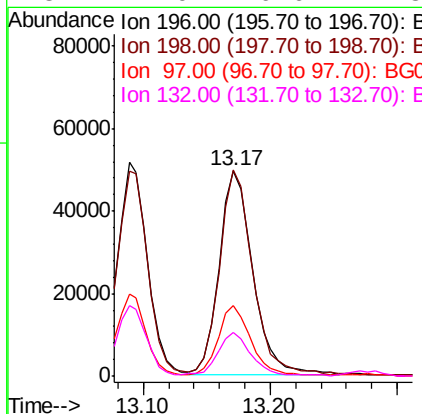
Instrument :
 BNA_G
 ClientSampleId :

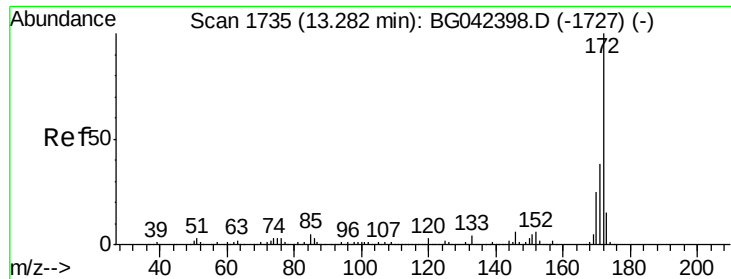
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	80.7	121.1
200	31.5	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.440 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	80.2	120.4
97	34.4	26.3	39.5
132	21.0	16.6	24.8

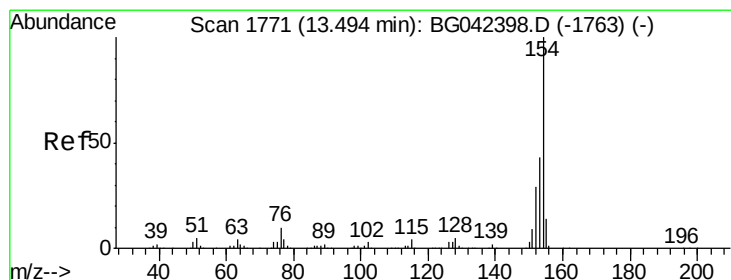
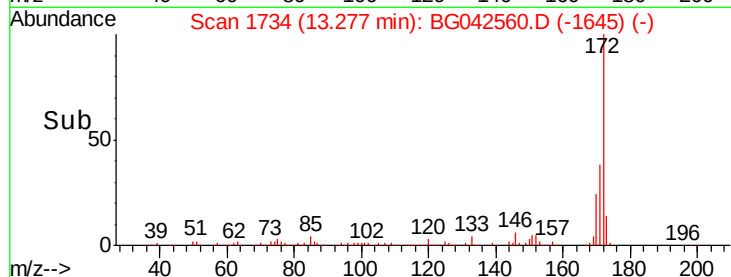
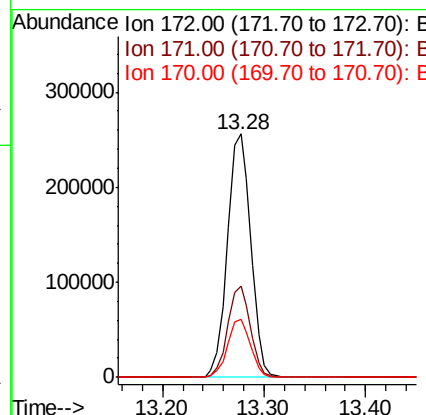
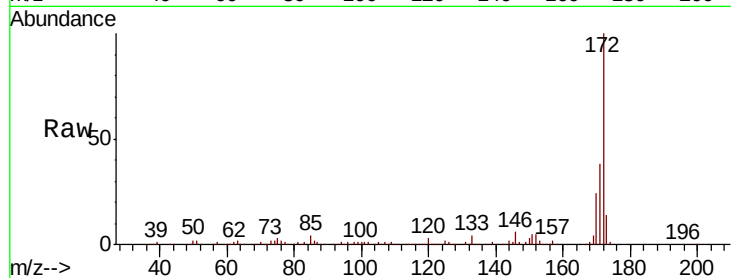




#45
 2-Fluorobiphenyl
 Concen: 70.605 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

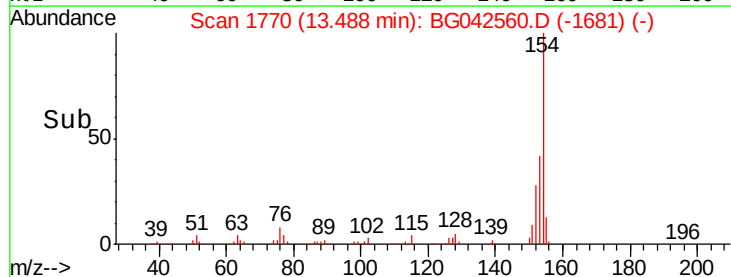
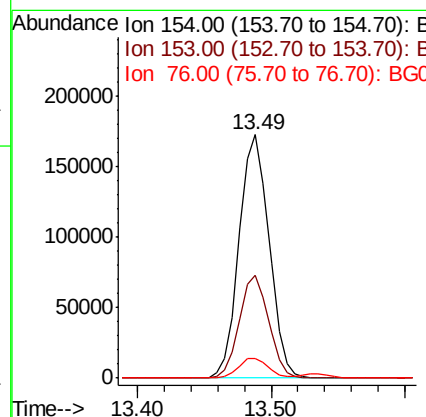
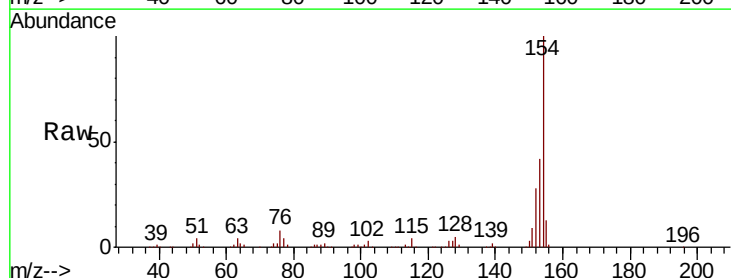
Instrument :
 BNA_G
 ClientSampleId :

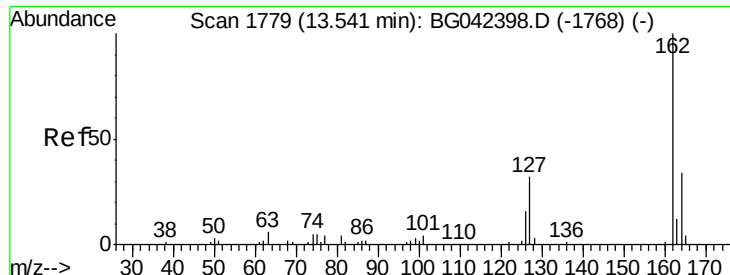
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 42.574 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.0	63.0
76	8.0	0.0	29.6

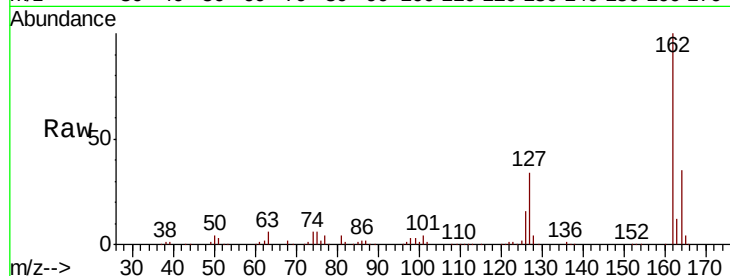




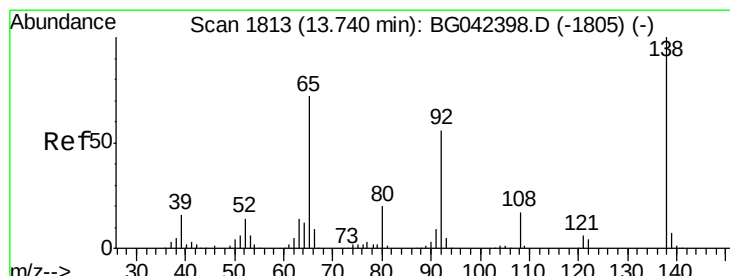
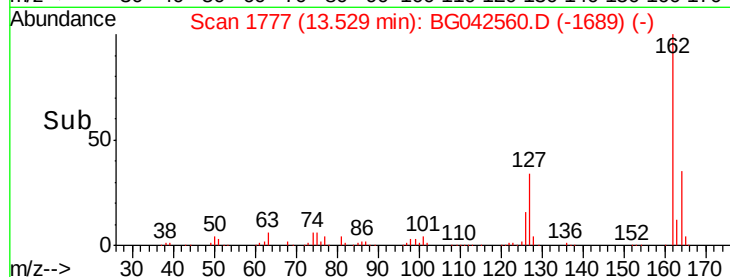
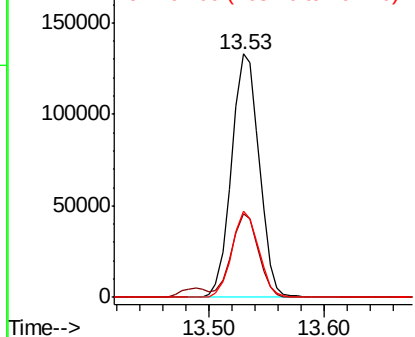
#47
 2-Chloronaphthalene
 Concen: 40.402 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	26.0	39.0
164	35.5	27.4	41.0

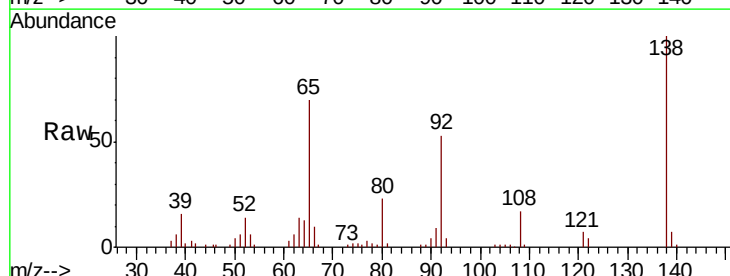


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

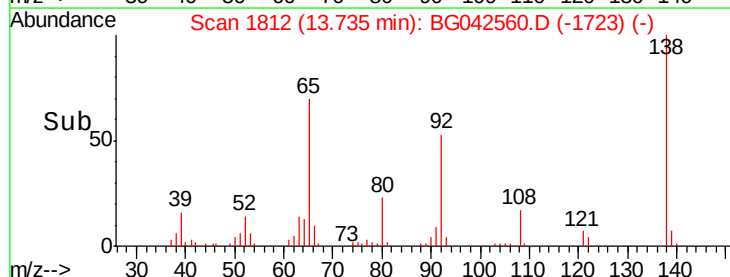
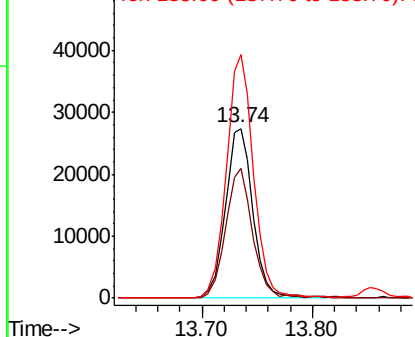


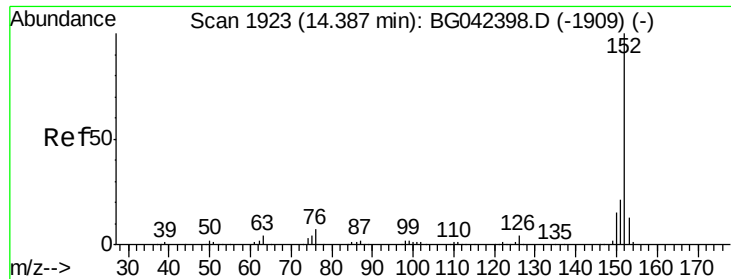
#48
 2-Nitroaniline
 Concen: 36.322 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	61.8	92.6
138	143.8	111.0	166.6



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





#49

Acenaphthylene

Concen: 41.577 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

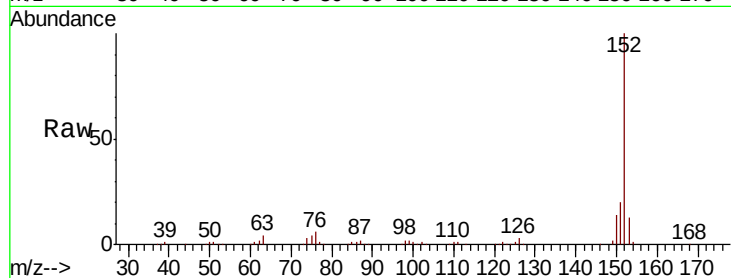
Tot Ion:152 Resp: 341329

Ion Ratio Lower Upper

152 100

151 20.1 17.0 25.4

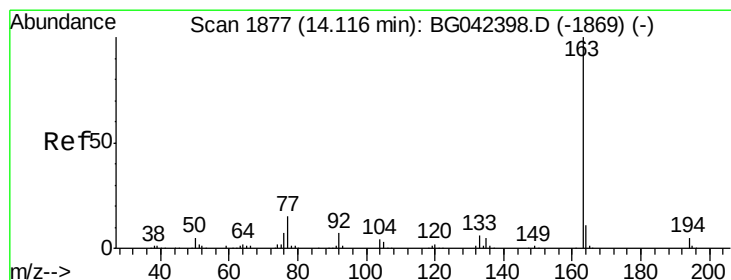
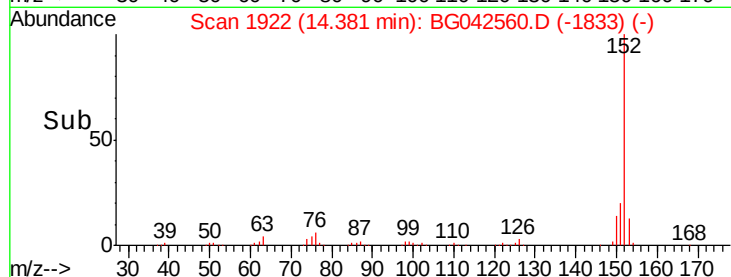
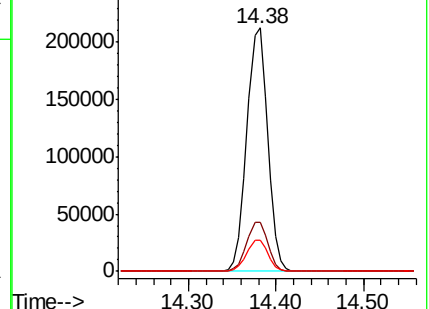
153 13.0 10.6 16.0



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: 38.980 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

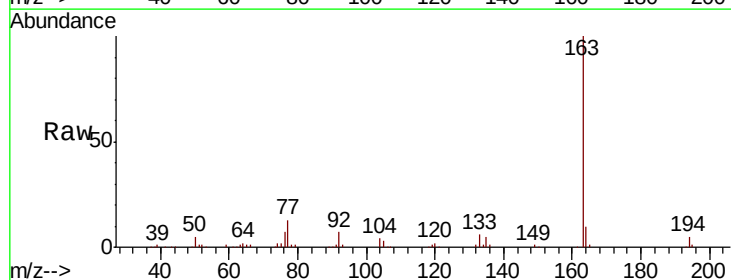
Tgt Ion:163 Resp: 275354

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

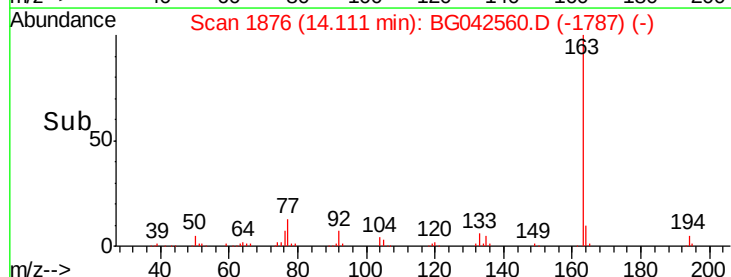
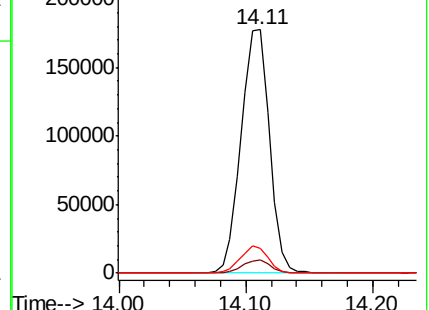
164 10.4 8.8 13.2

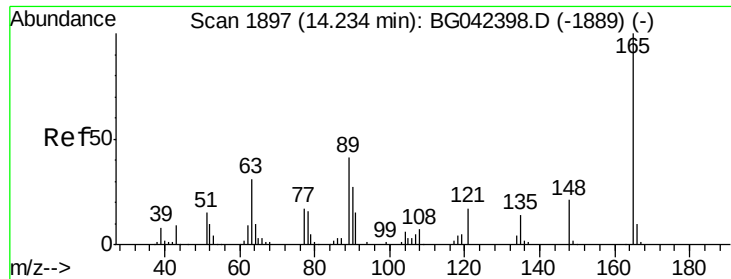


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

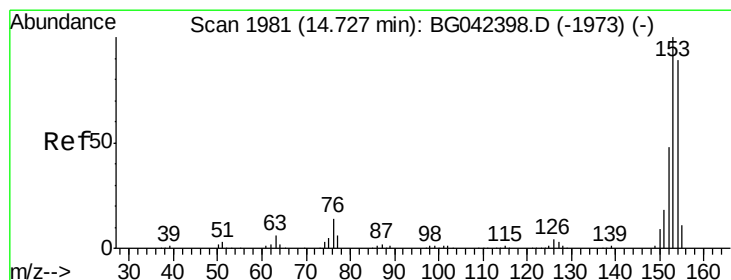
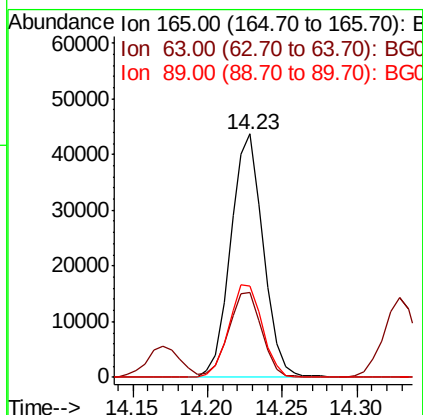
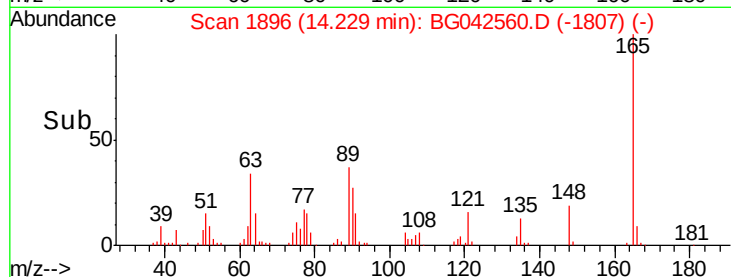
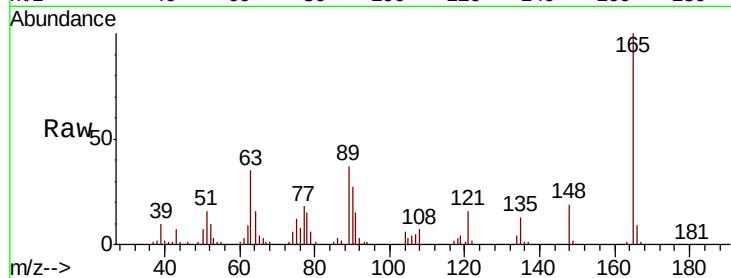




#51
 2,6-Dinitrotoluene
 Concen: 40.403 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

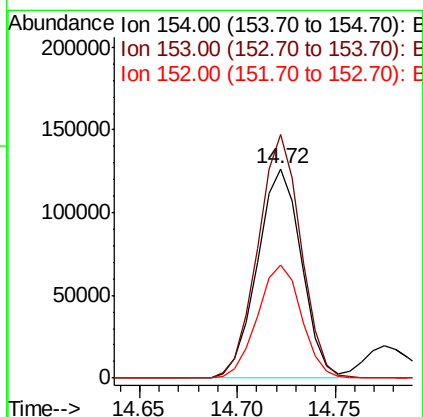
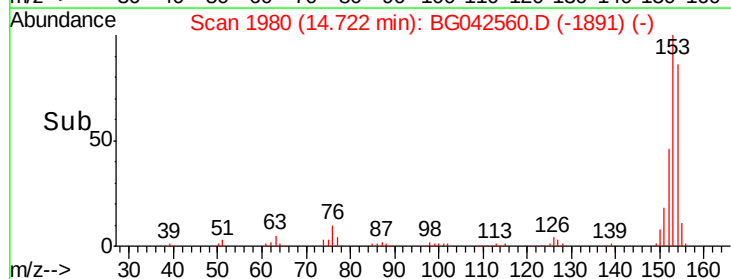
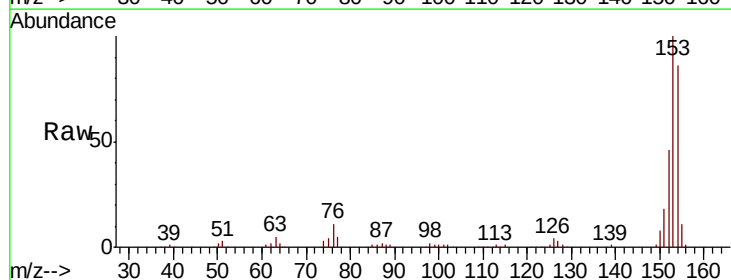
Instrument :
 BNA_G
 ClientSampleId :

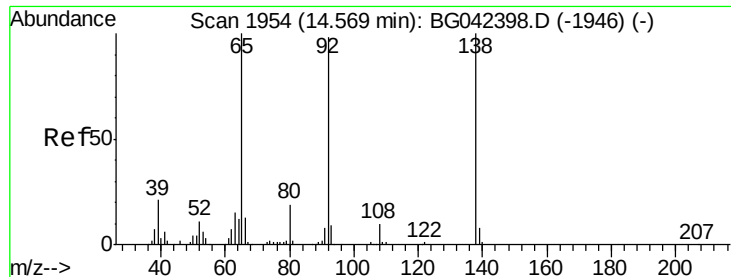
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	30.6	45.8
89	37.5	32.6	49.0



#52
 Acenaphthene
 Concen: 39.650 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.2	135.4
152	54.1	43.2	64.8





#53

3-Nitroaniline

Concen: 26.470 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

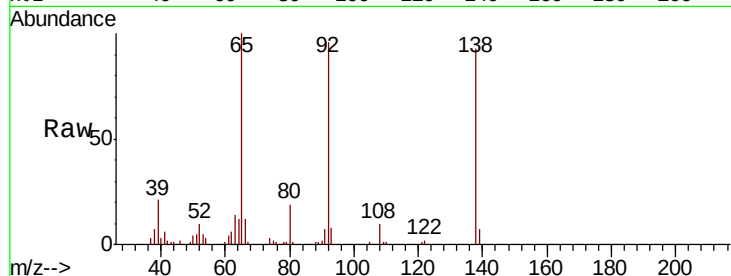
Tot Ion:138 Resp: 43346

Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

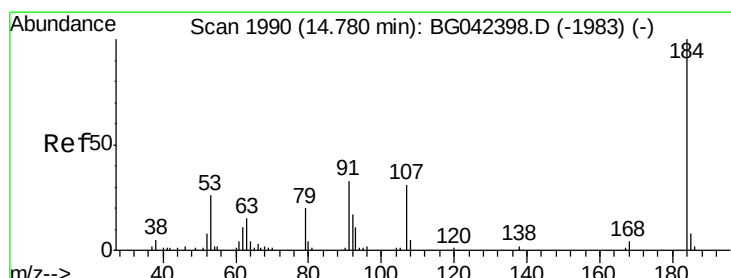
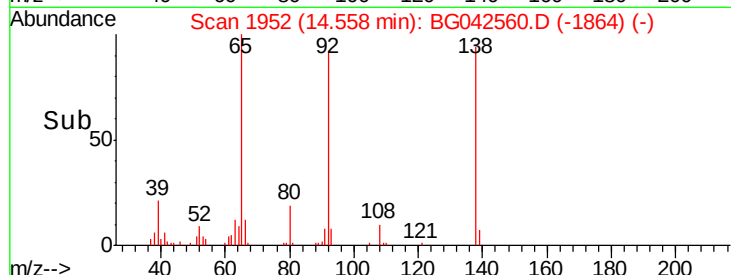
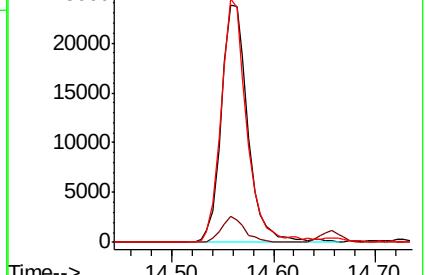
92 102.4 78.2 117.4



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: 67.461 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

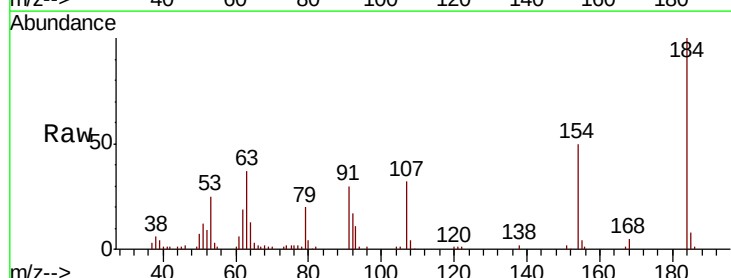
Tgt Ion:184 Resp: 73285

Ion Ratio Lower Upper

184 100

63 36.8 31.7 47.5

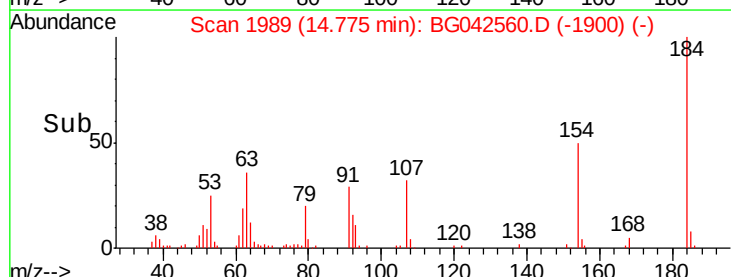
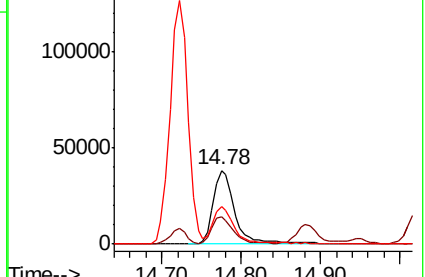
154 50.3 42.0 63.0

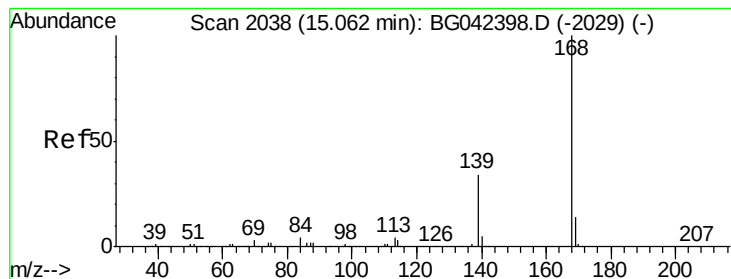


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.358 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

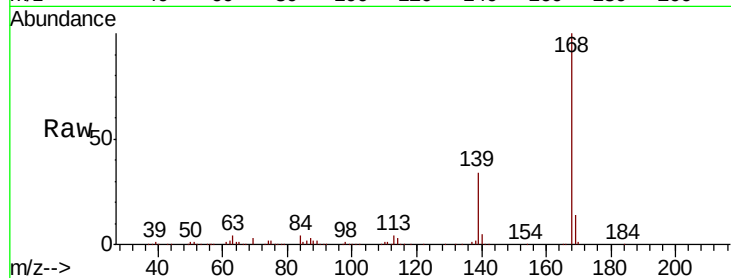
Tot Ion:168 Resp: 341276

Ion Ratio Lower Upper

168 100

139 34.0 27.2 40.8

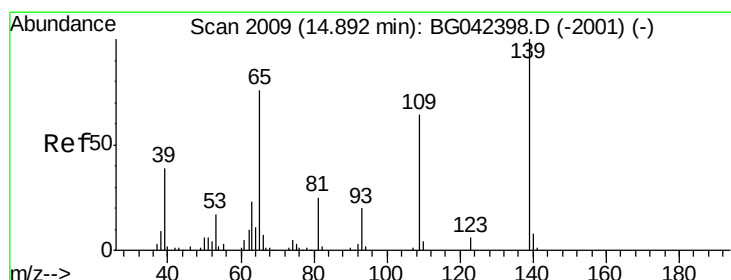
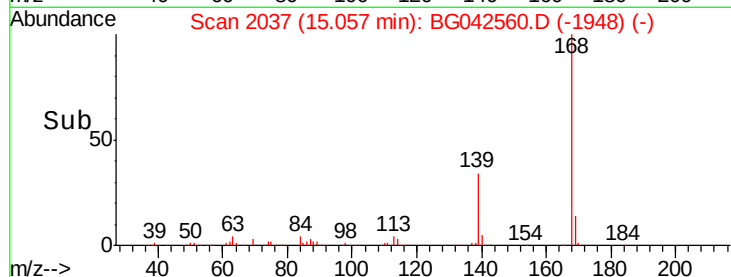
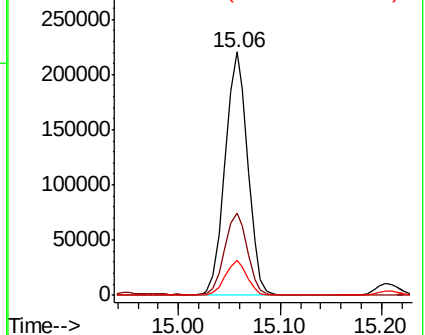
169 14.1 11.5 17.3



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: 79.116 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

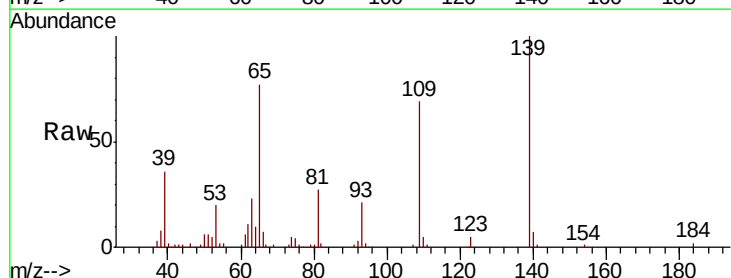
Tgt Ion:139 Resp: 92060

Ion Ratio Lower Upper

139 100

109 69.3 43.9 83.9

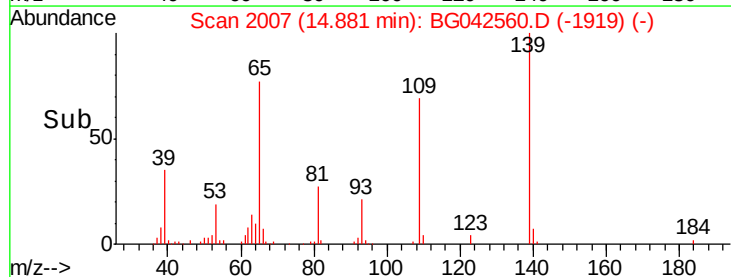
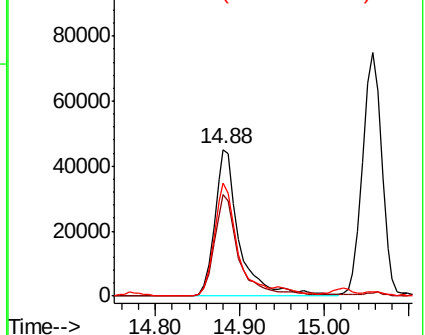
65 76.9 56.3 96.3

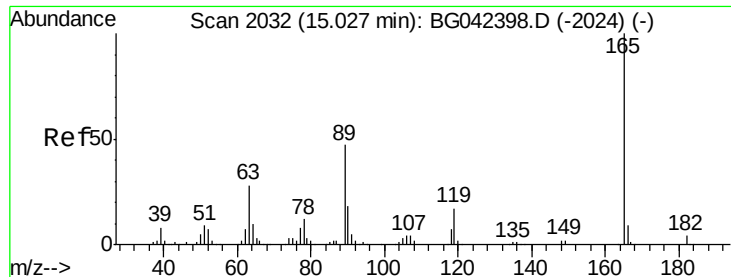


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 39.780 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 93272

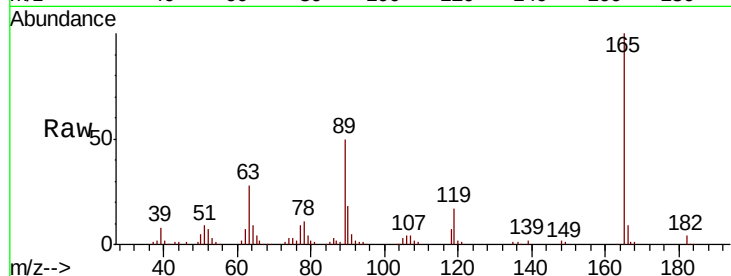
Ion Ratio Lower Upper

165 100

63 28.5 22.5 33.7

89 50.2 37.8 56.6

182 3.7 3.0 4.4

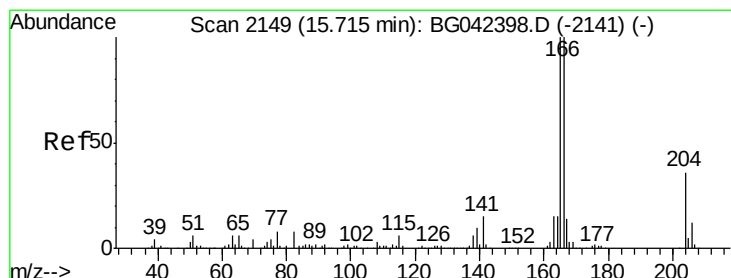
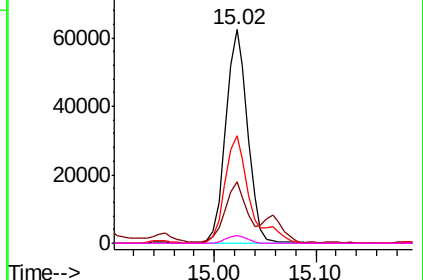
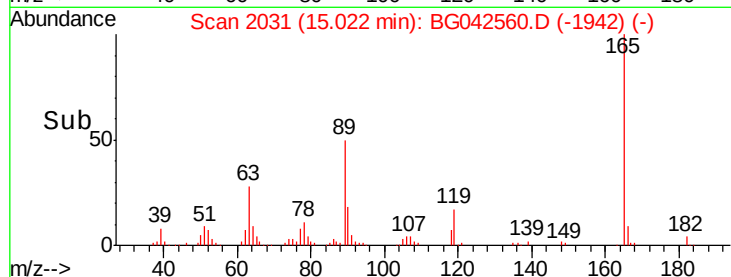


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.867 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

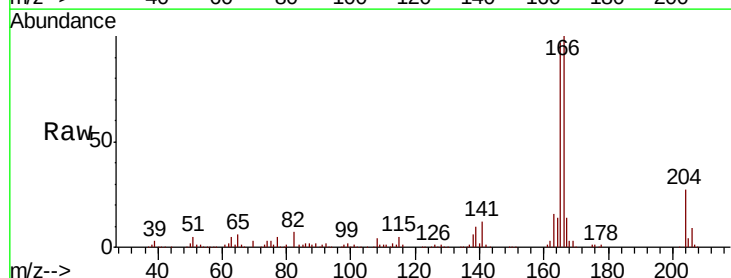
Tgt Ion:166 Resp: 275661

Ion Ratio Lower Upper

166 100

165 97.4 79.7 119.5

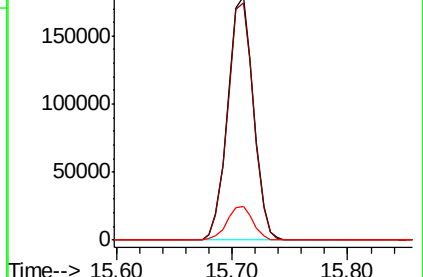
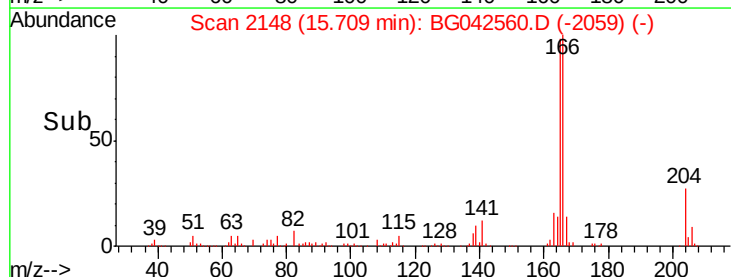
167 14.0 10.9 16.3

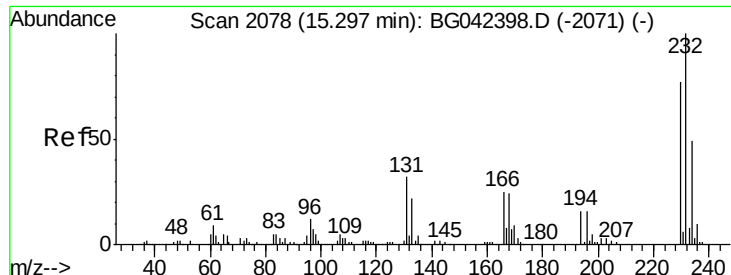


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

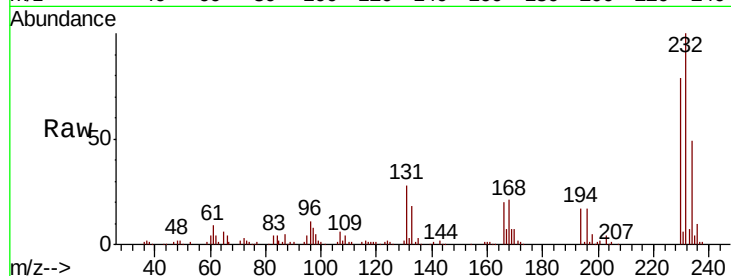




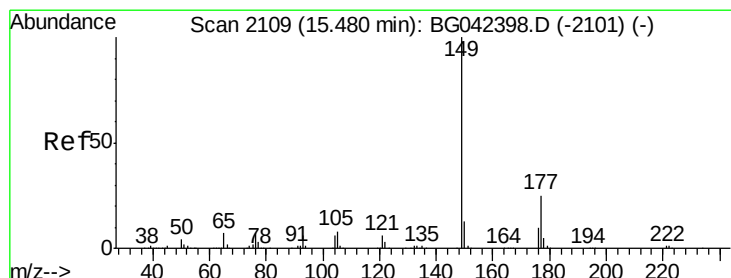
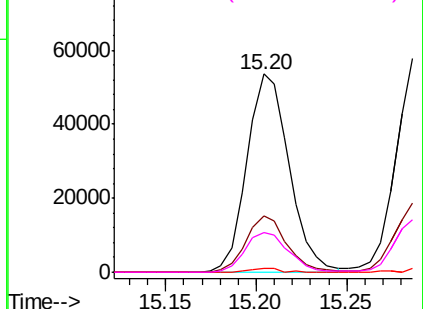
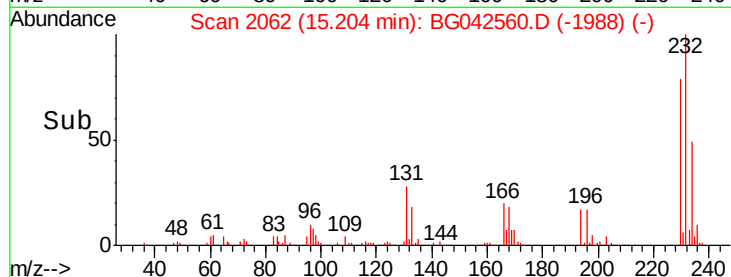
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.731 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.09 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	86528
Ion	Ratio	Lower	Upper
232	100		
131	27.5	22.9	34.3
130	1.5	1.4	2.0
166	20.8	17.0	25.4

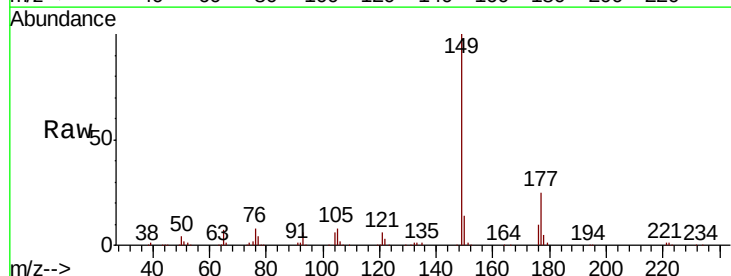


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

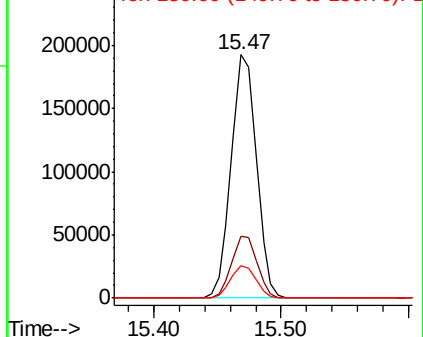
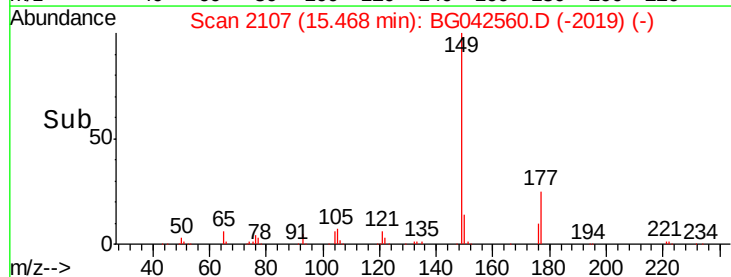


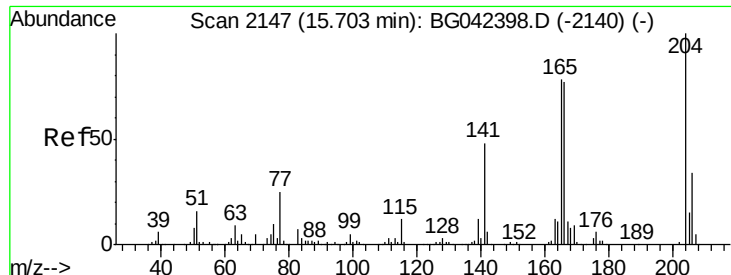
#60
Diethylphthalate
Concen: 38.515 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:	149	Resp:	265964
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.4	30.6
150	13.5	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

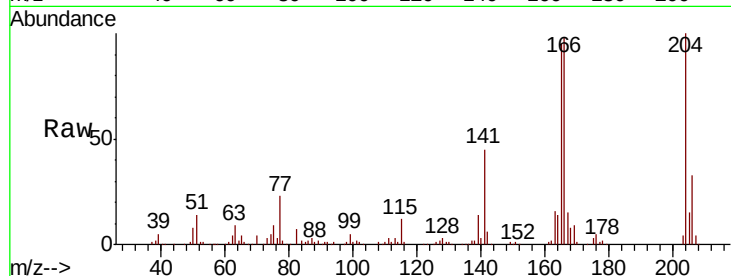




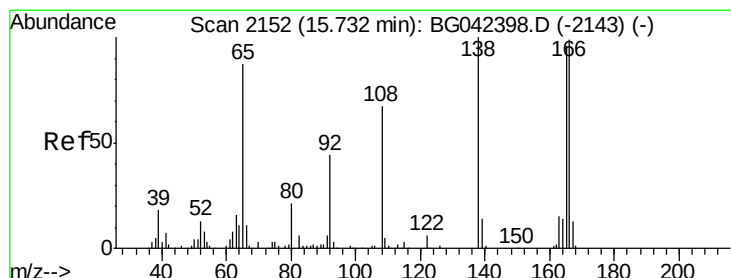
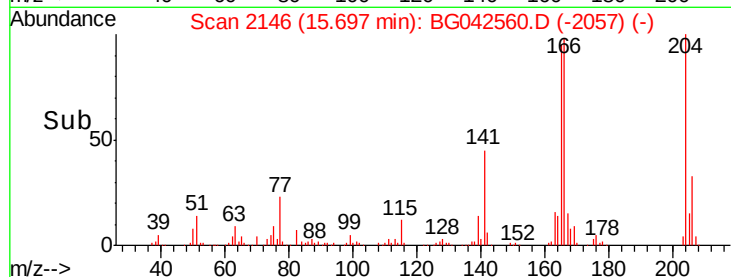
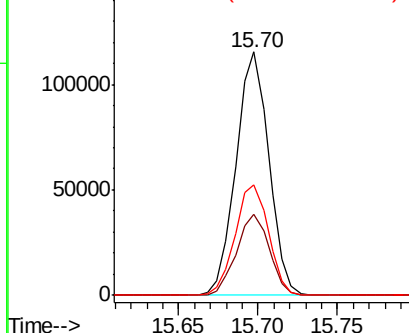
#61
 4-Chlorophenyl-phenylether
 Concen: 40.746 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 165678
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.2 40.8
 141 45.4 38.7 58.1

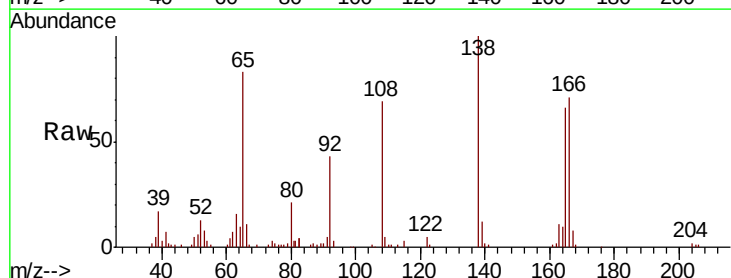


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

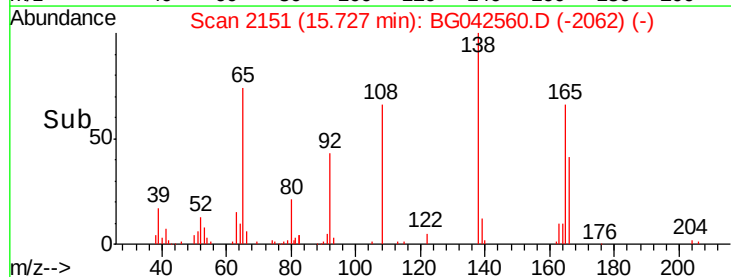
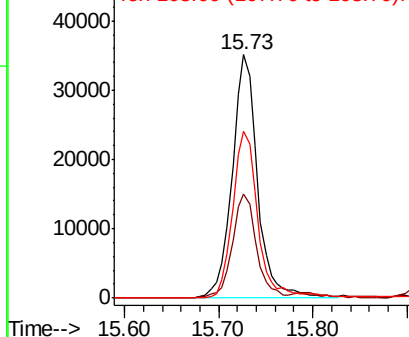


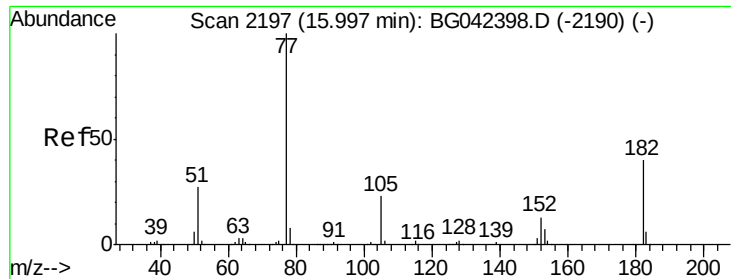
#62
 4-Nitroaniline
 Concen: 37.699 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion:138 Resp: 66071
 Ion Ratio Lower Upper
 138 100
 92 43.0 24.2 64.2
 108 68.7 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: 38.348 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 181455

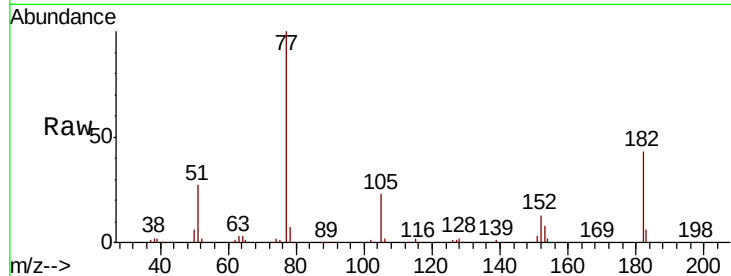
Ion Ratio Lower Upper

77 100

182 43.3 19.9 59.9

105 22.9 2.9 42.9

51 27.5 7.6 47.6

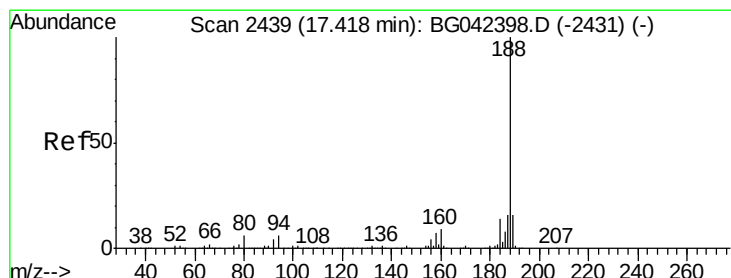
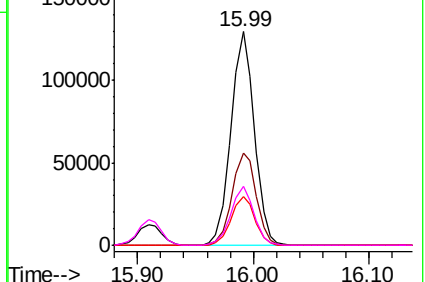
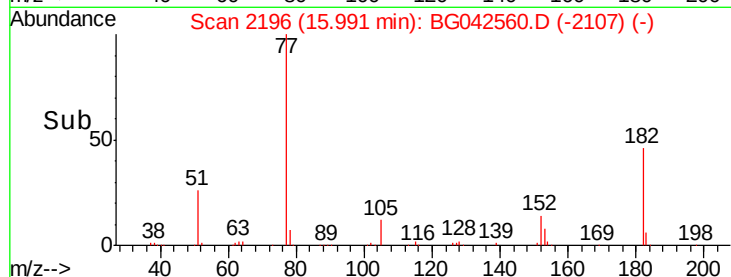


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

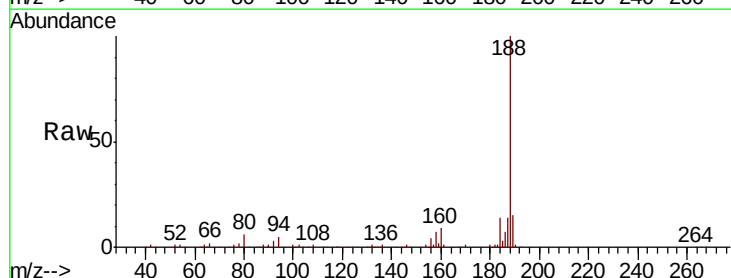
Tgt Ion: 188 Resp: 225420

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

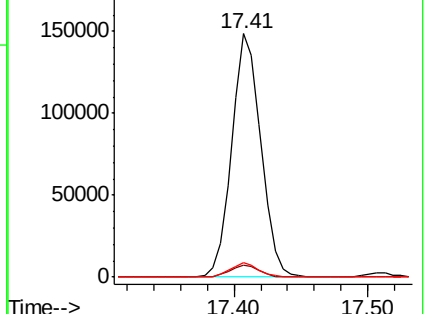
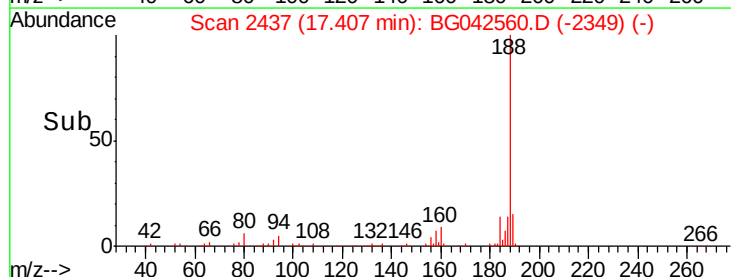
80 5.9 4.9 7.3

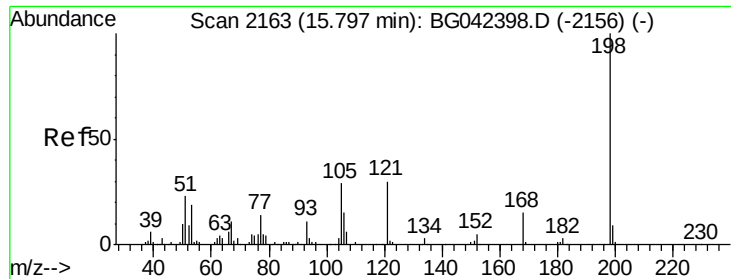


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.018 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

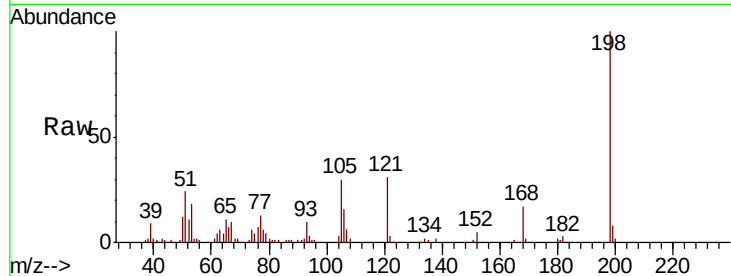
Tot Ion:198 Resp: 59383

Ion Ratio Lower Upper

198 100

51 23.5 4.2 44.2

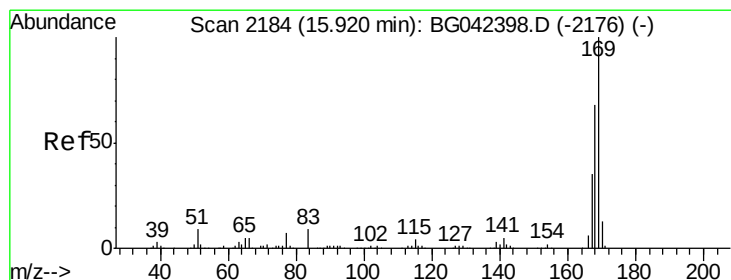
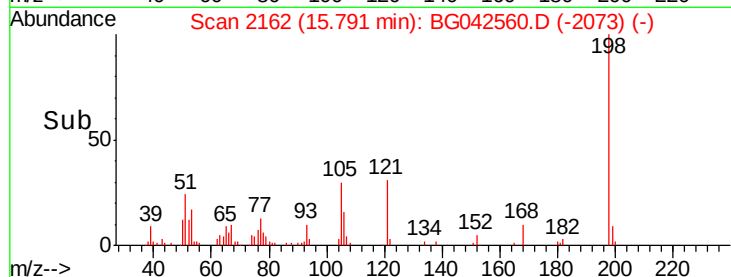
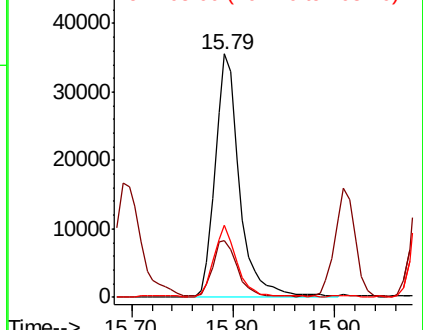
105 29.8 8.8 48.8



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: 40.948 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

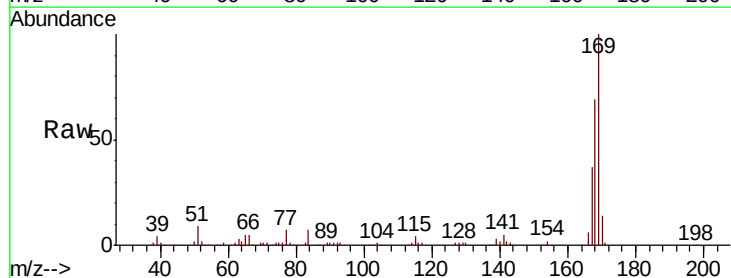
Tgt Ion:169 Resp: 253844

Ion Ratio Lower Upper

169 100

168 69.0 54.3 81.5

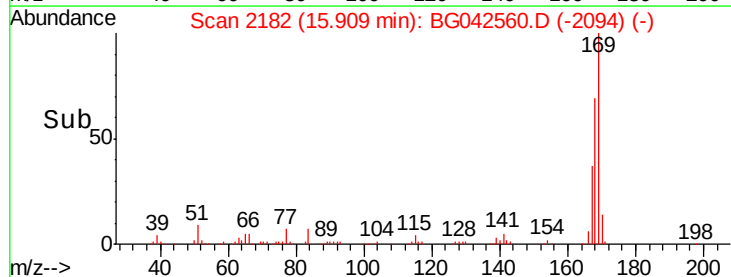
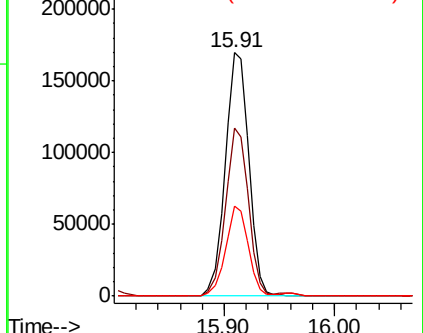
167 37.0 28.2 42.2

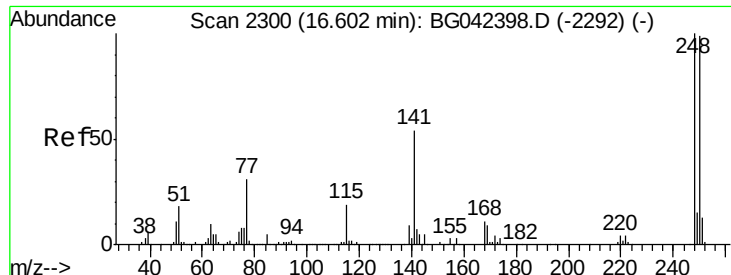


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

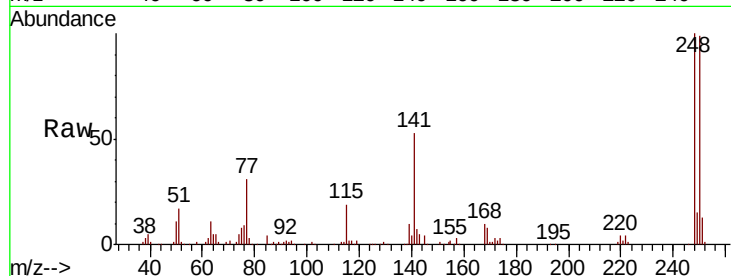




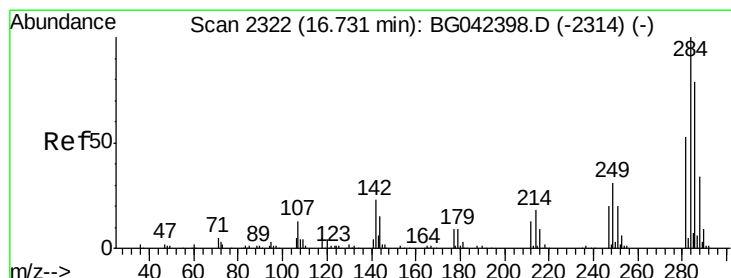
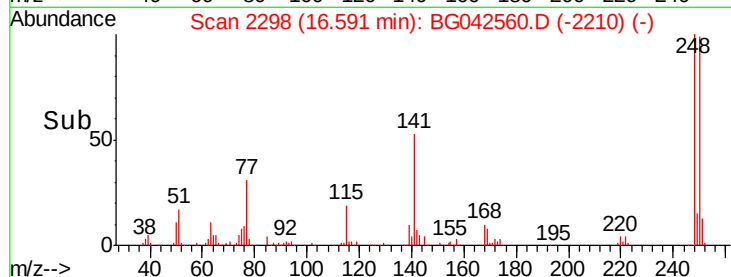
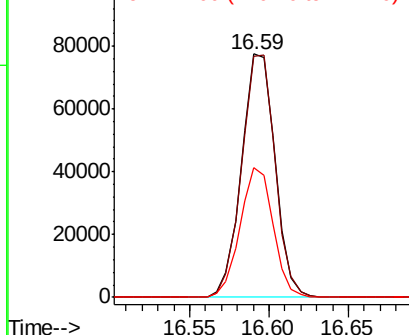
#67
 4-Bromophenyl-phenylether
 Concen: 39.787 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 113763
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.9 118.3
 141 53.4 43.3 64.9

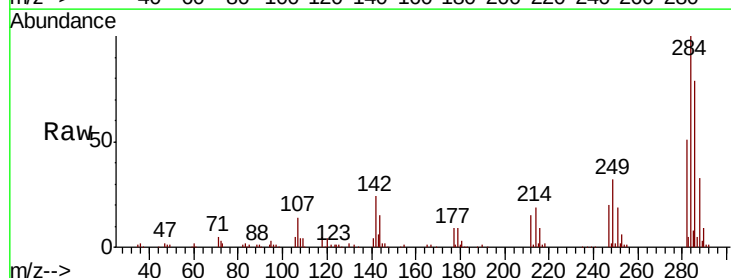


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

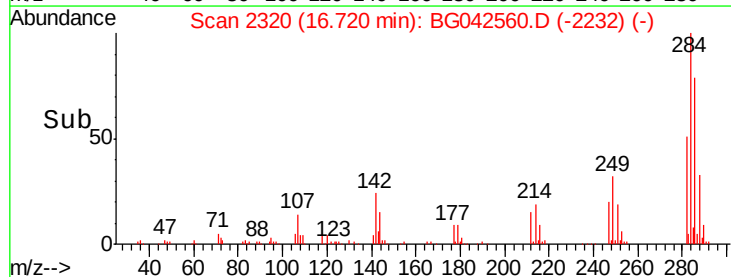
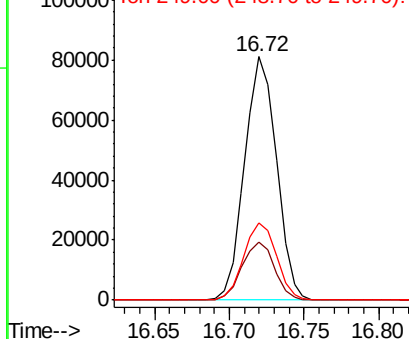


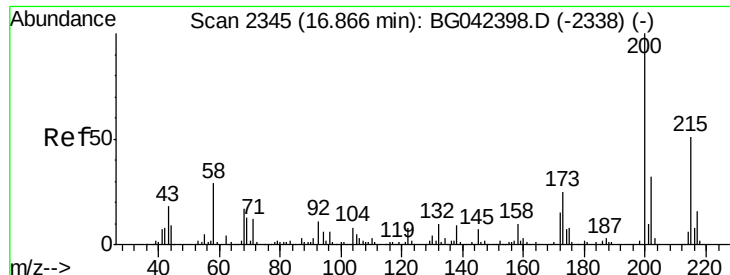
#68
 Hexachlorobenzene
 Concen: 38.585 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042560.D
 Acq: 29 Aug 2019 11:44

Tgt Ion:284 Resp: 119932
 Ion Ratio Lower Upper
 284 100
 142 24.0 18.2 27.4
 249 31.6 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.452 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

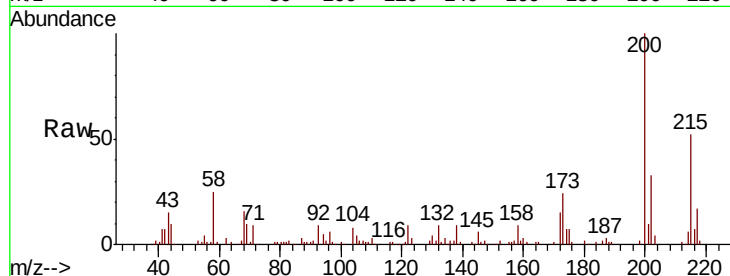
Tot Ion:200 Resp: 95258

Ion Ratio Lower Upper

200 100

173 23.7 4.9 44.9

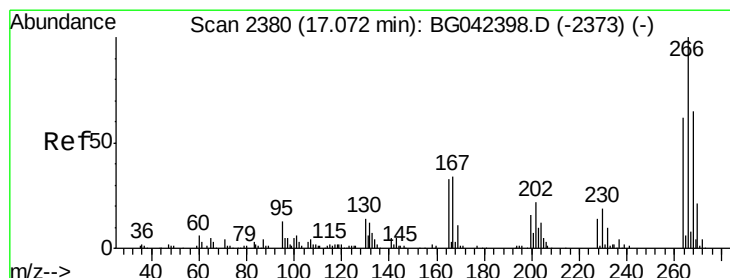
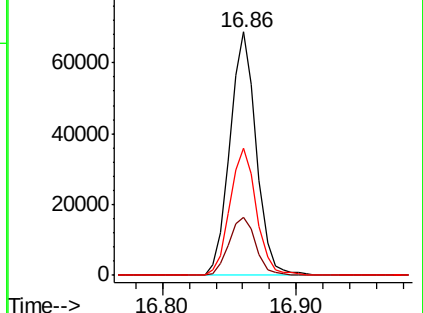
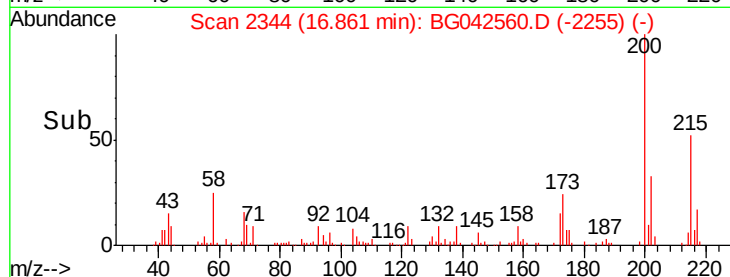
215 52.4 30.7 70.7



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: 81.347 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

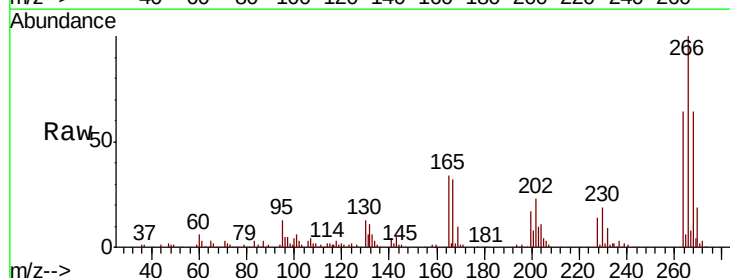
Tgt Ion:266 Resp: 131376

Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

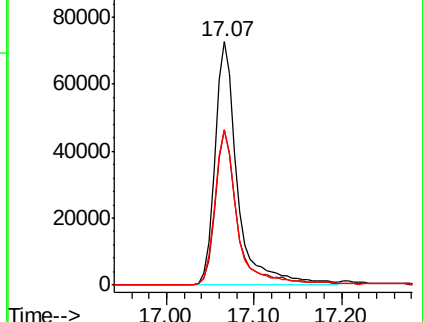
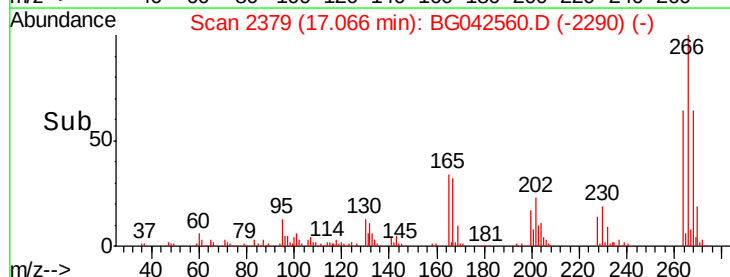
264 64.0 49.4 74.2

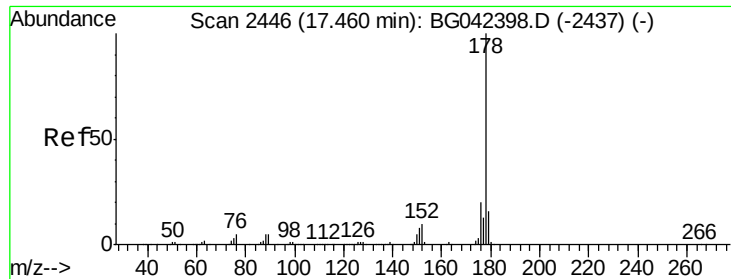


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

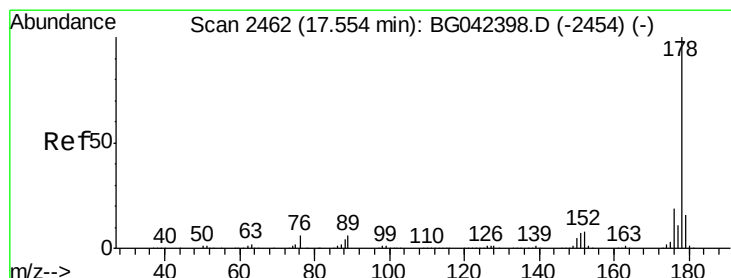
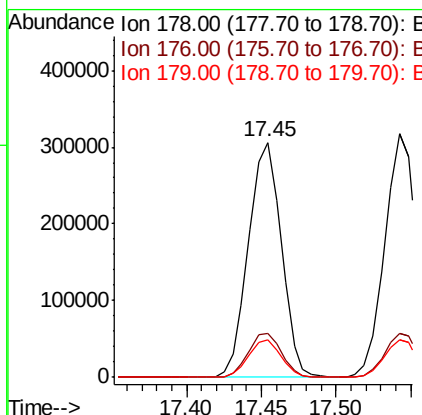
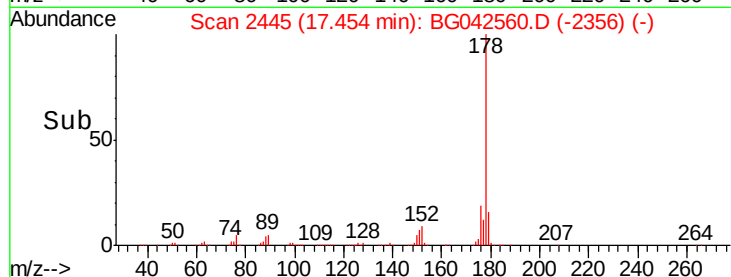
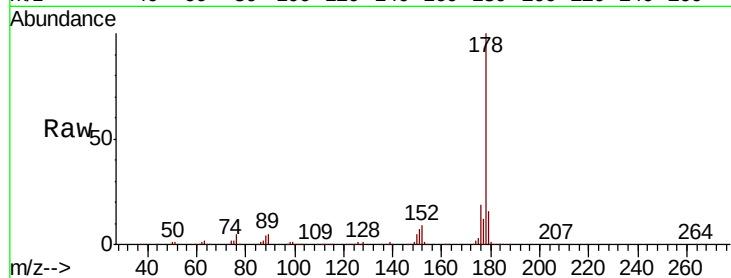




#71
Phenanthrene
Concen: 41.680 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

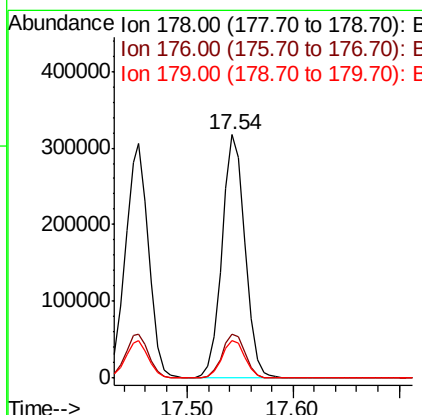
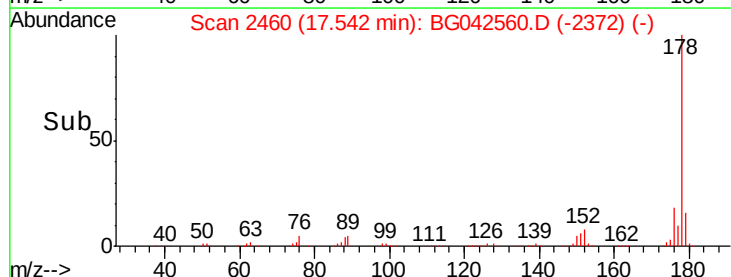
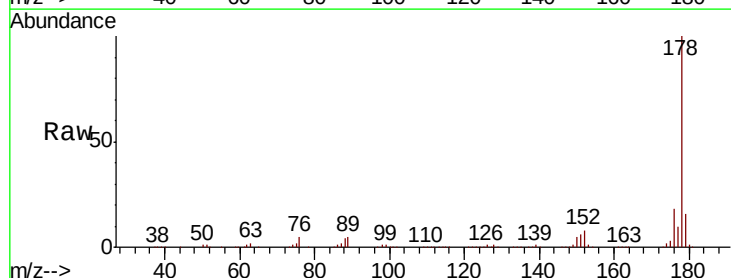
Instrument :
BNA_G
ClientSampleId :

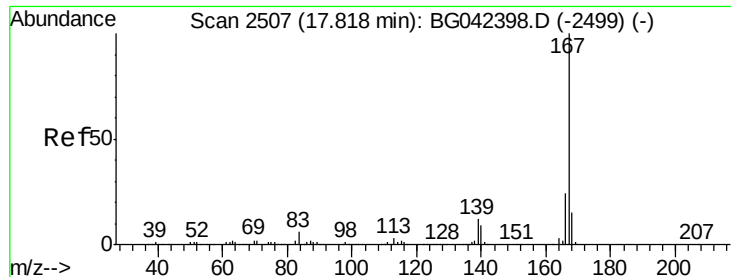
Tot Ion:178 Resp: 466690
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.9 12.7 19.1



#72
Anthracene
Concen: 42.795 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:178 Resp: 478362
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 15.5 12.9 19.3





#73

Carbazole

Concen: 42.194 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

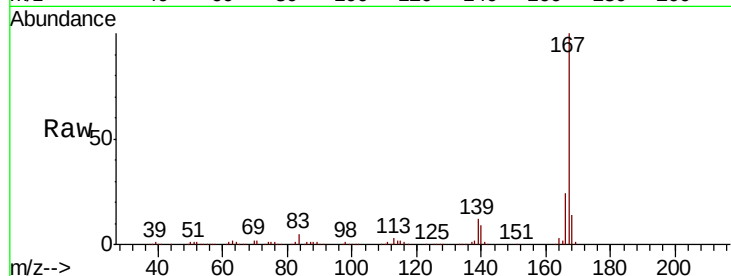
Tot Ion:167 Resp: 420352

Ion Ratio Lower Upper

167 100

166 23.5 18.9 28.3

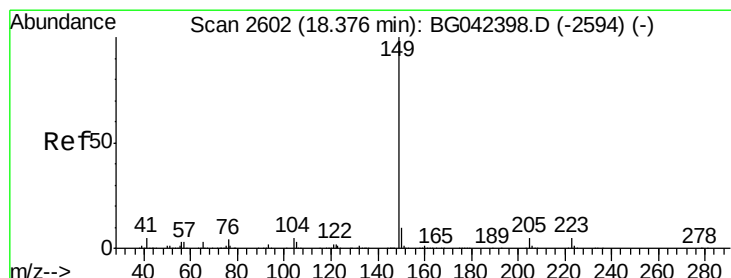
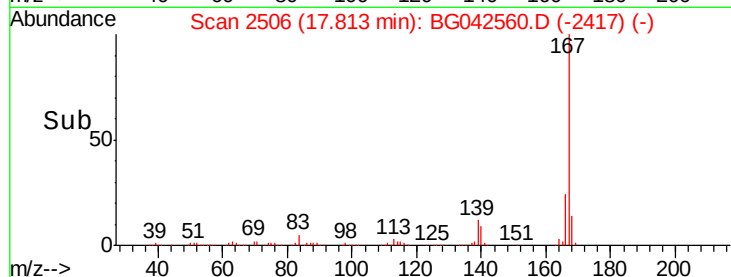
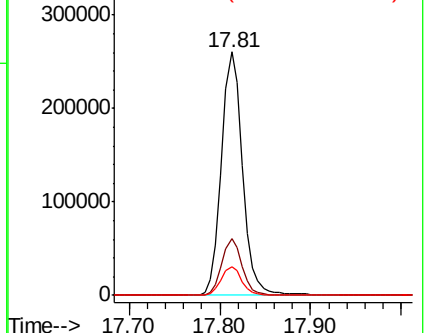
139 12.0 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.319 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

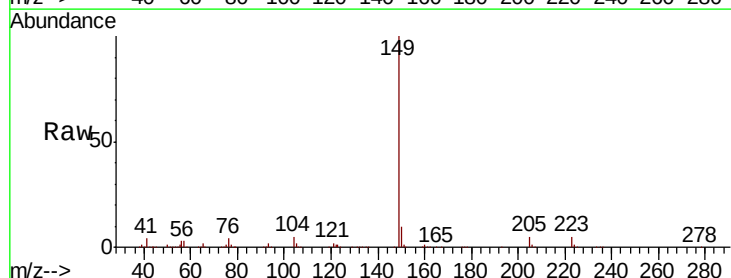
Tgt Ion:149 Resp: 486585

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

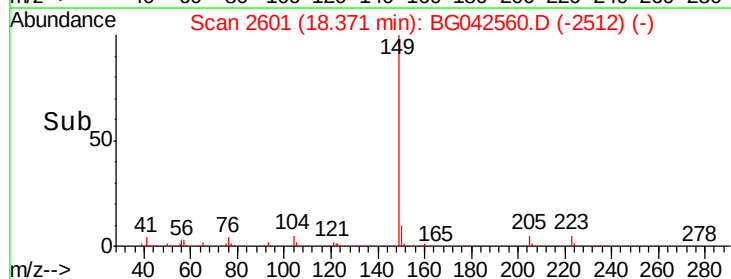
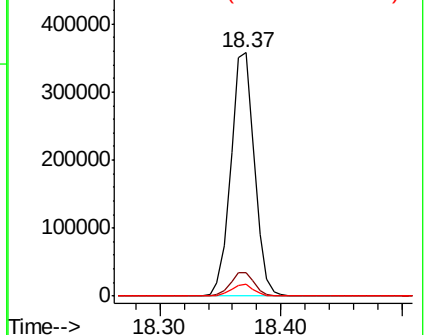
104 4.7 3.7 5.5

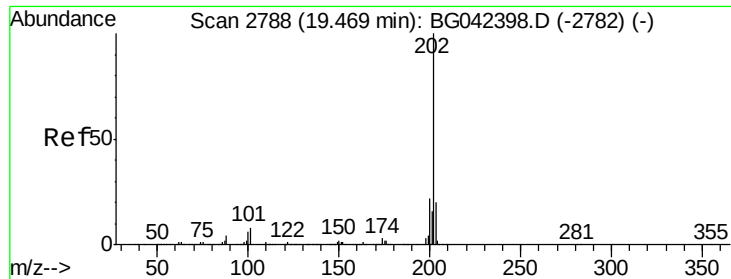


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.124 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

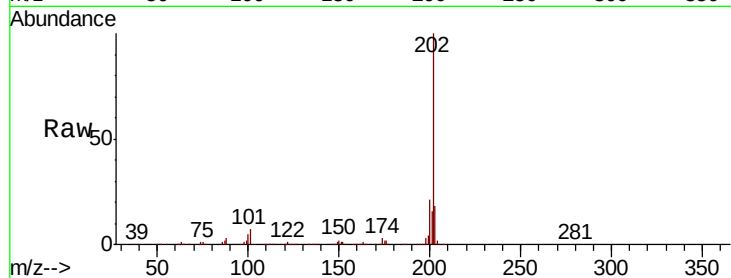
Tot Ion:202 Resp: 630285

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.3

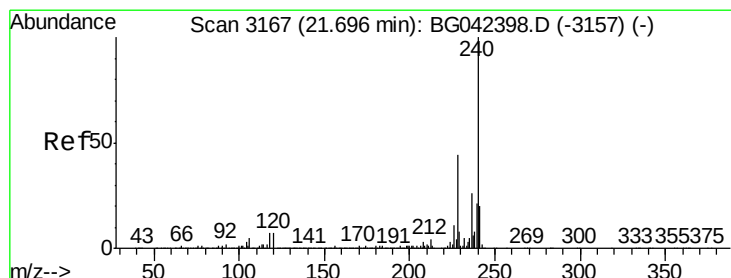
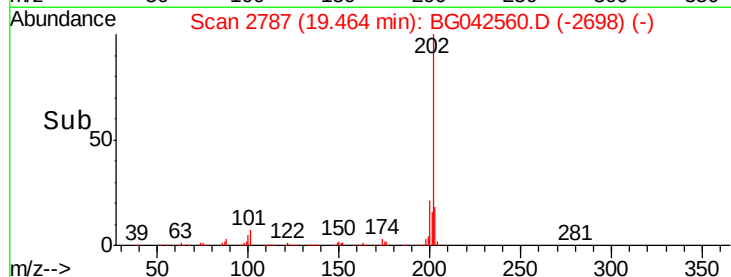
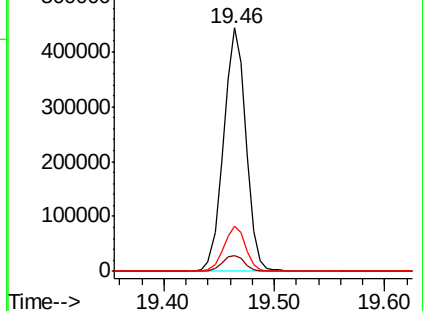
203 18.3 0.0 39.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

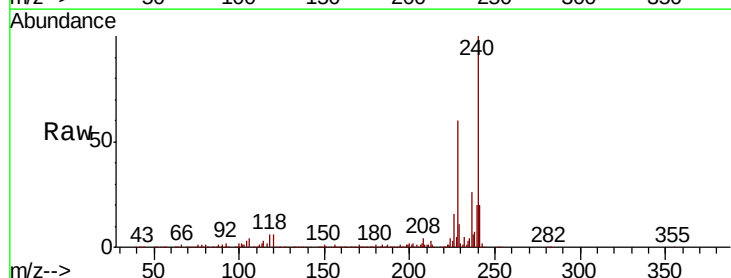
Tgt Ion:240 Resp: 263832

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

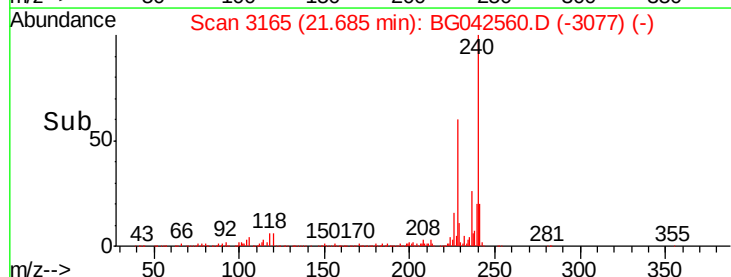
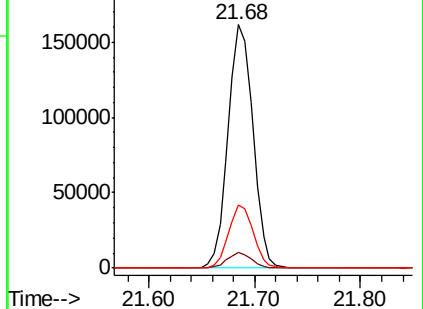
236 25.9 21.0 31.4

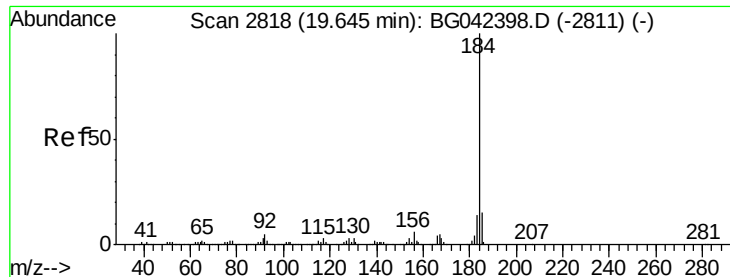


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.219 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

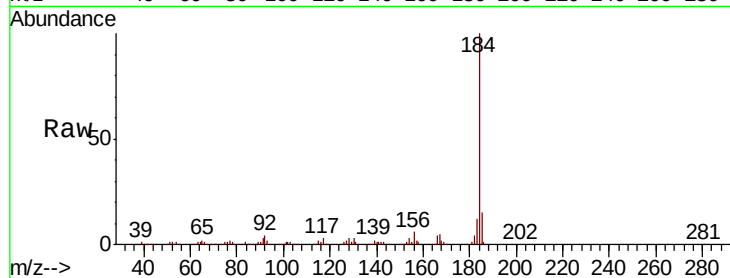
Tot Ion:184 Resp: 289096

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

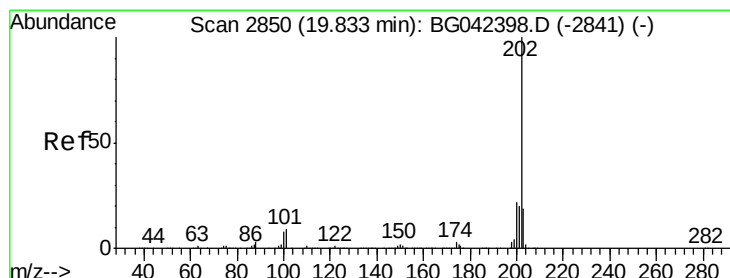
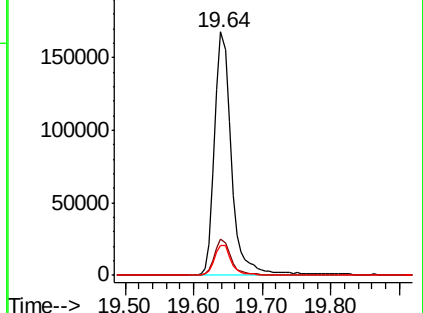
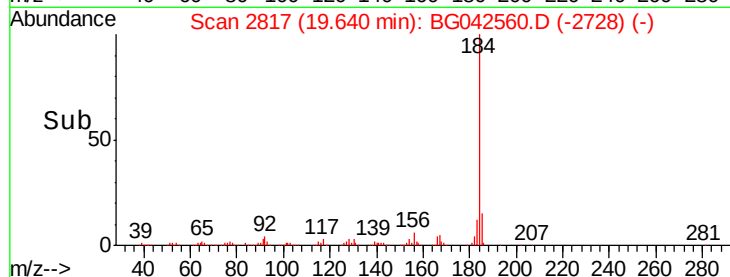
183 12.4 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.560 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

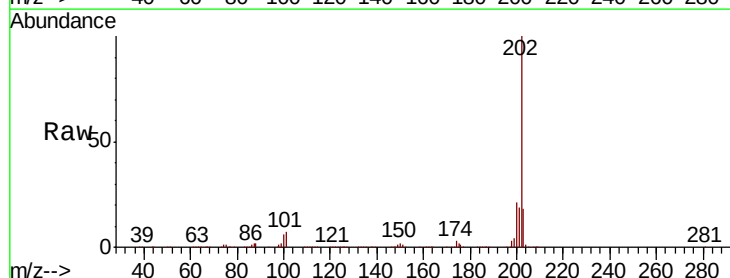
Tgt Ion:202 Resp: 639899

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

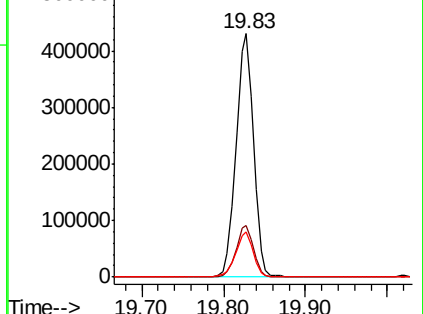
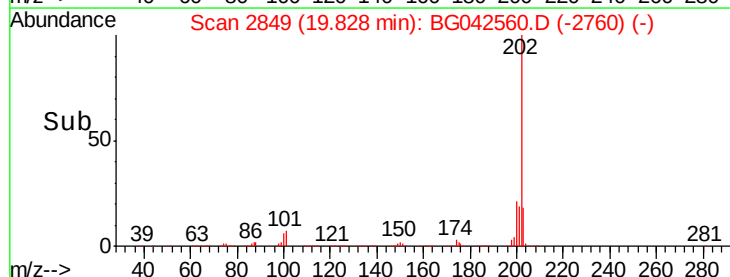
203 18.5 15.5 23.3

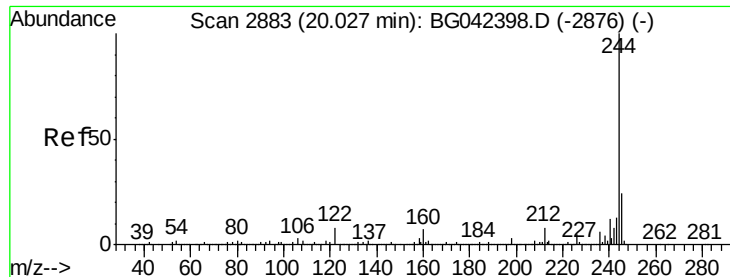


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.825 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampleId :

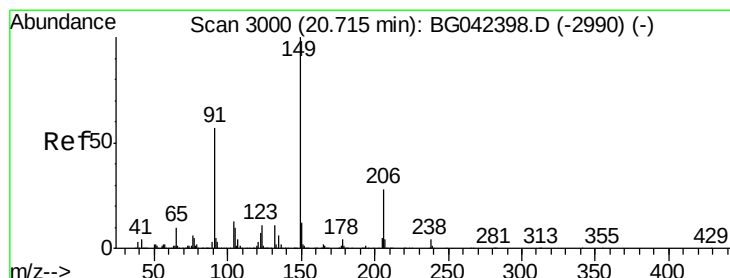
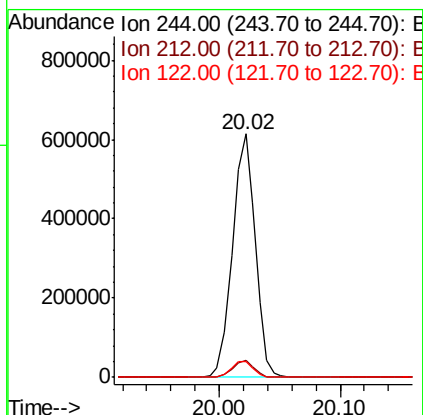
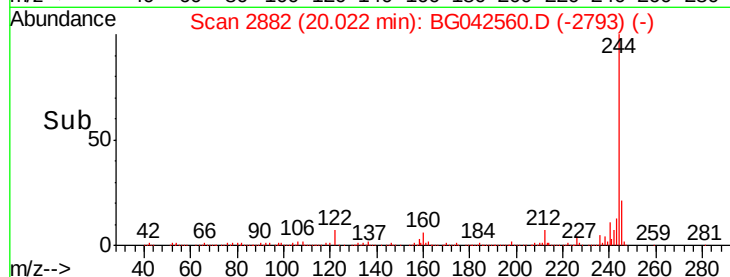
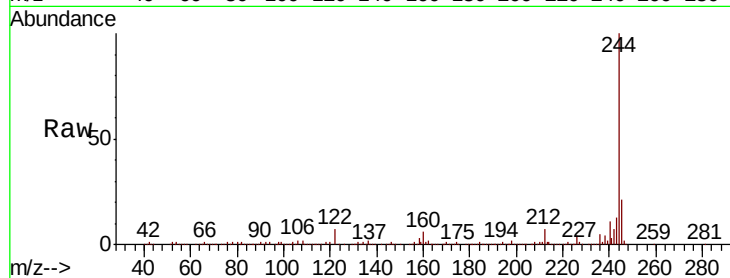
Tot Ion:244 Resp: 803297

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 6.6 6.7 10.1#



#80

Butylbenzylphthalate

Concen: 37.751 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

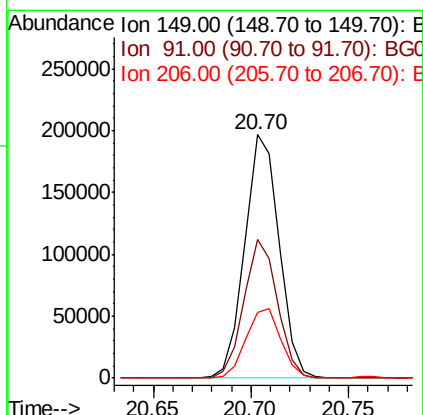
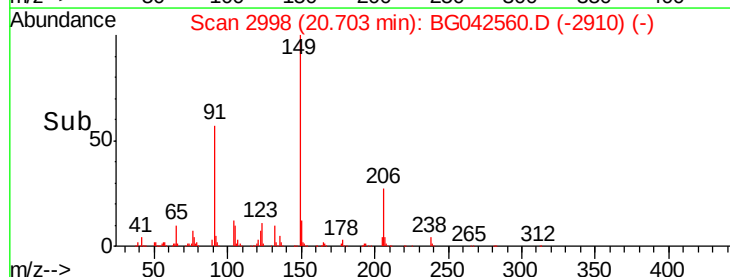
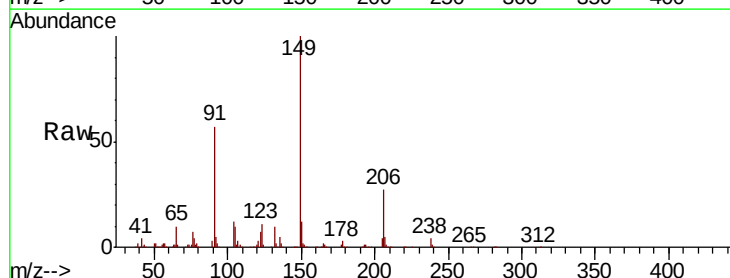
Tgt Ion:149 Resp: 240180

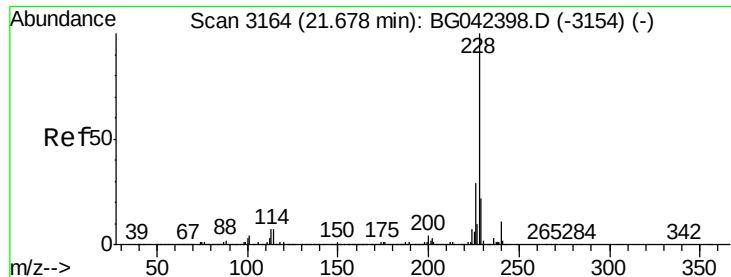
Ion Ratio Lower Upper

149 100

91 57.2 45.9 68.9

206 27.0 22.5 33.7





#81

Benzo(a)anthracene

Concen: 40.641 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

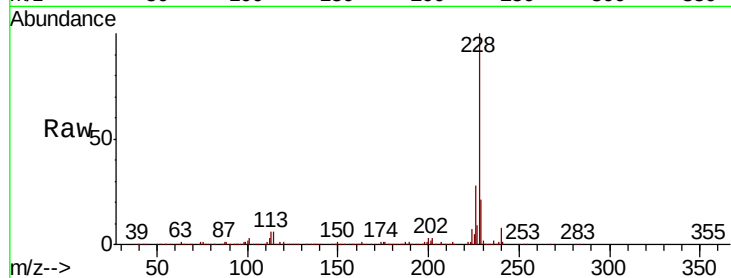
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 652262

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.3	17.4	26.2

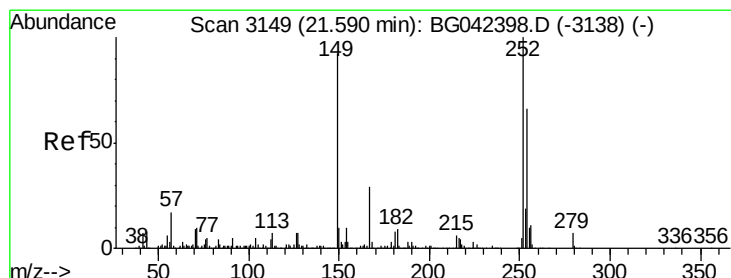
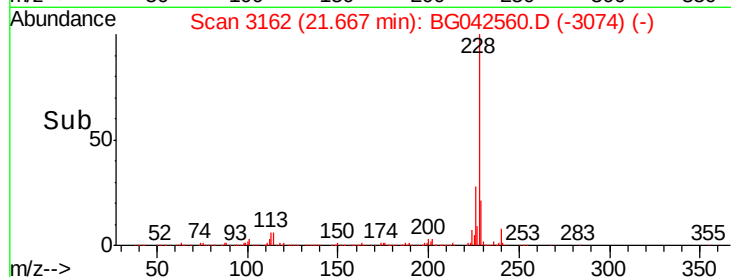
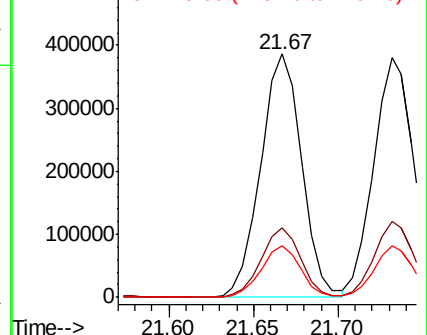


Abundance

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: 30.343 ng

RT: 21.58 min Scan# 3147

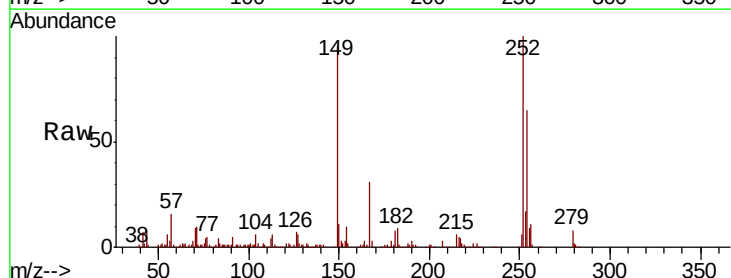
Delta R.T. -0.01 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Tgt Ion:252 Resp: 195855

Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.0	79.4
126	6.7	5.7	8.5

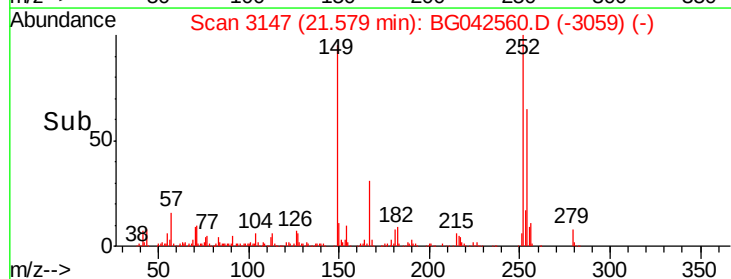
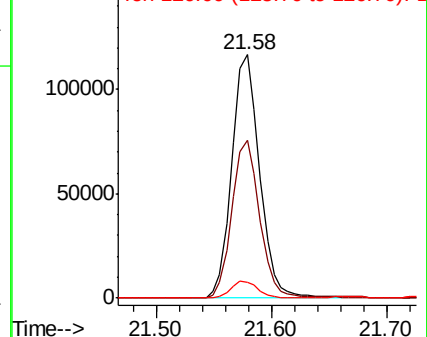


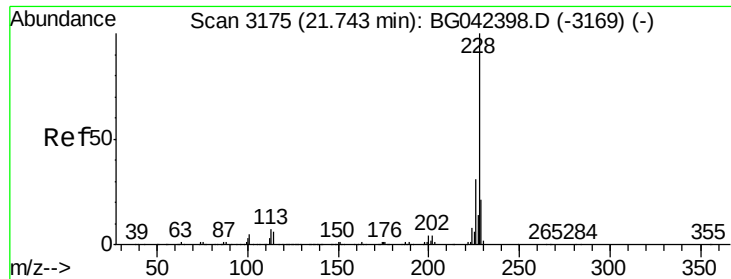
Abundance

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

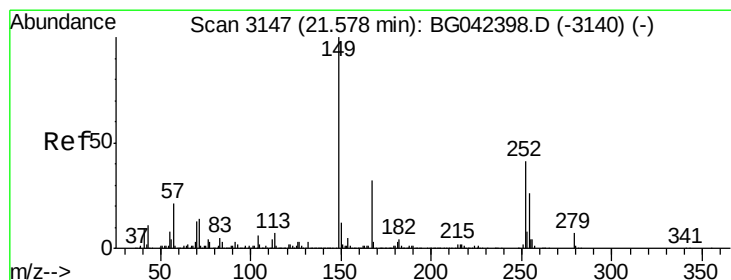
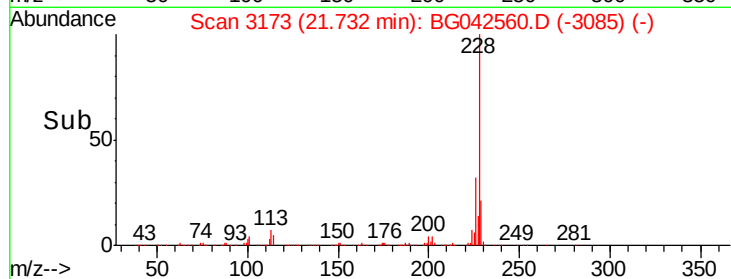
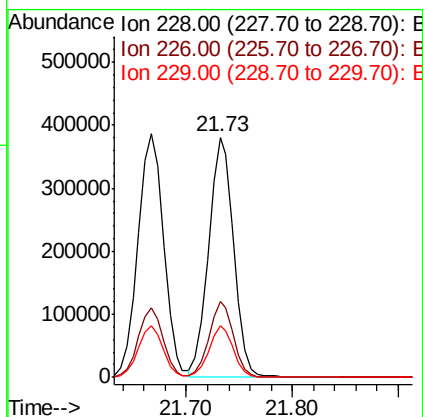
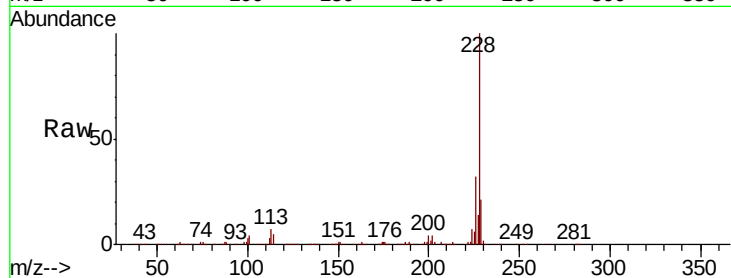




#83
Chrysene
Concen: 40.575 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

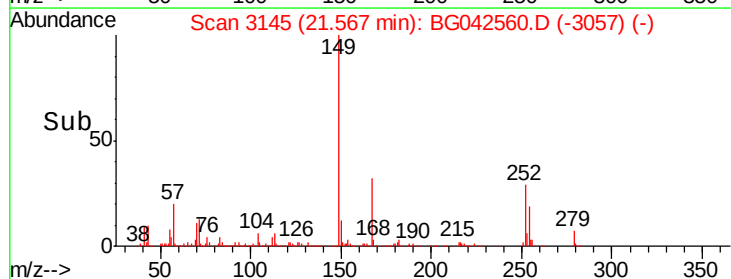
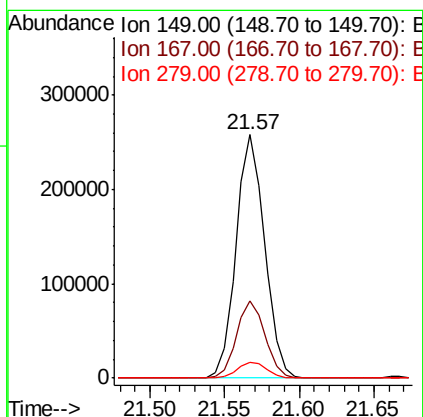
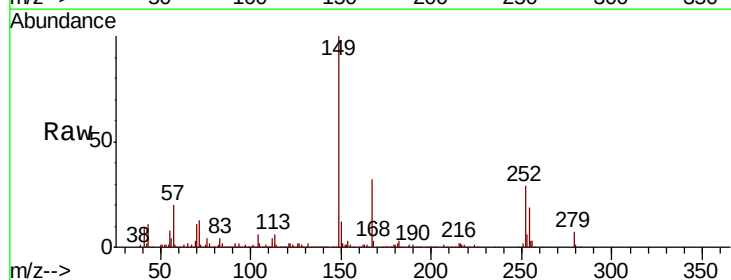
Instrument :
BNA_G
ClientSampled :

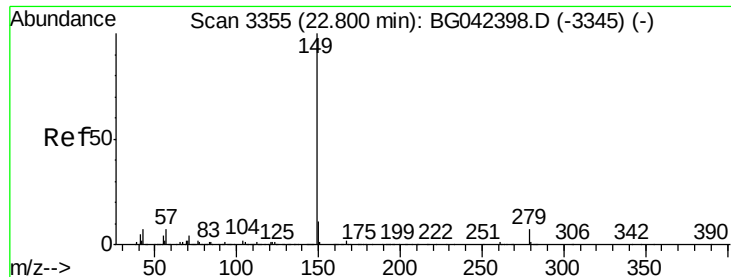
Tot Ion:228 Resp: 628030
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 21.5 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.951 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion:149 Resp: 344069
Ion Ratio Lower Upper
149 100
167 31.7 26.0 39.0
279 6.6 5.4 8.0

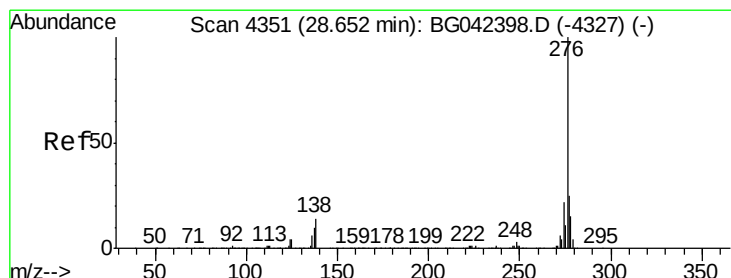
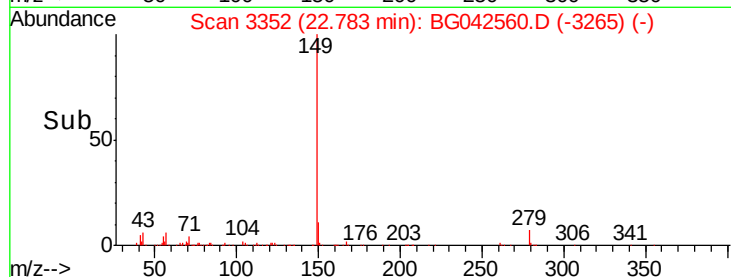
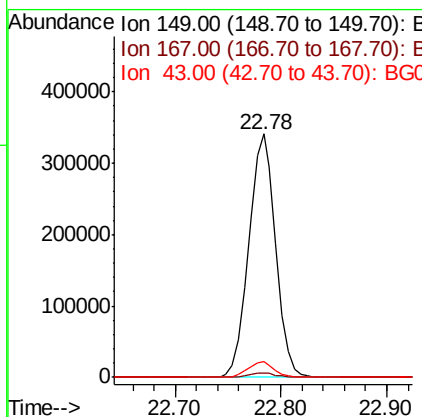
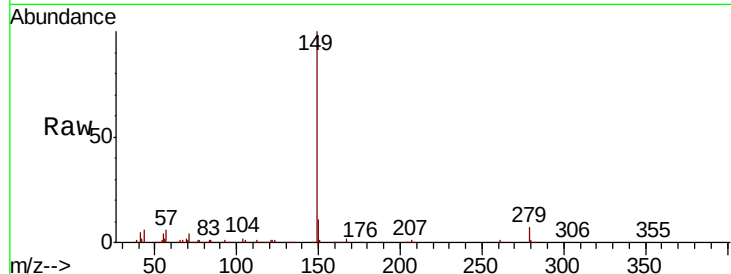




#85
Di-n-octyl phthalate
Concen: 39.455 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

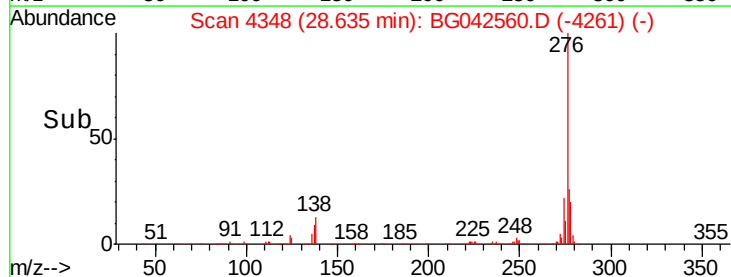
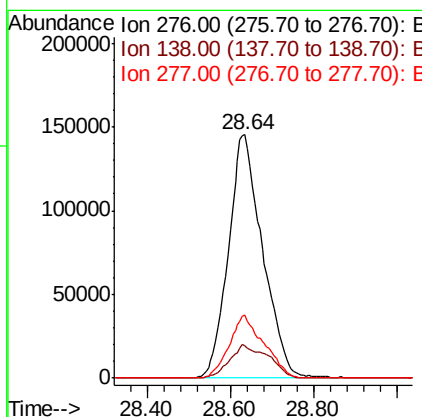
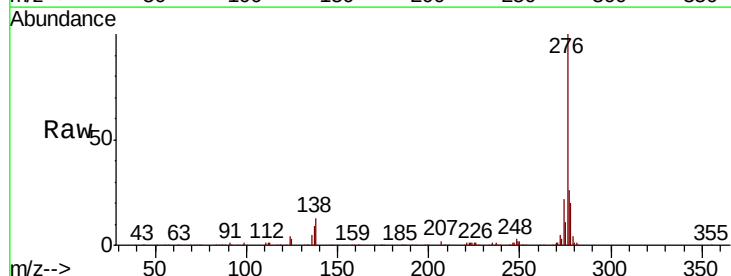
Instrument :
BNA_G
ClientSampleId :

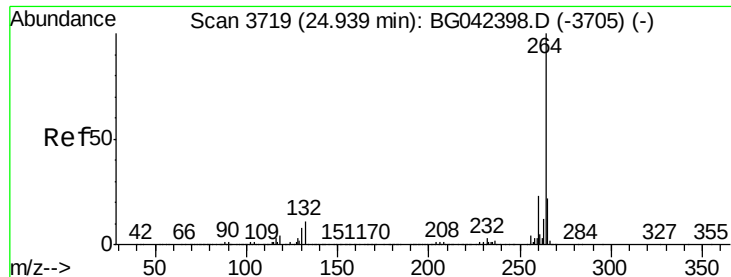
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.4	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.375 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.2	13.8#
277	26.3	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Instrument :

BNA_G

ClientSampled :

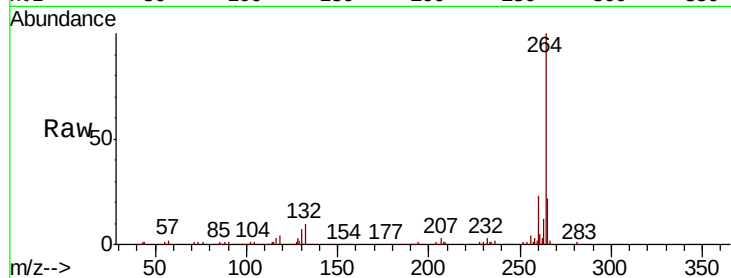
Tot Ion:264 Resp: 300034

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

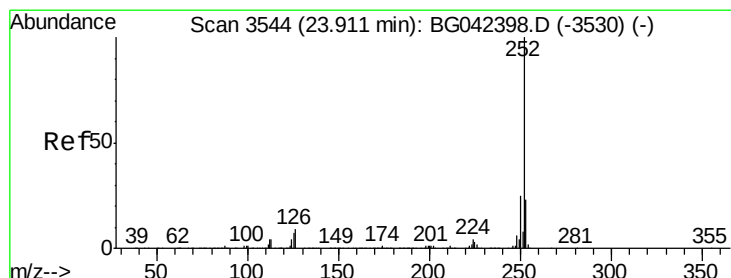
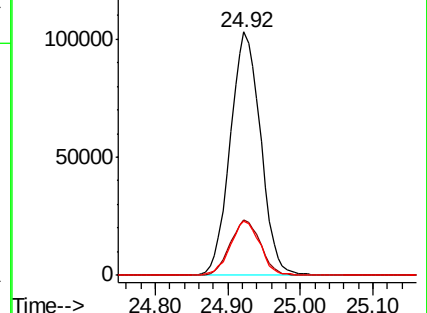
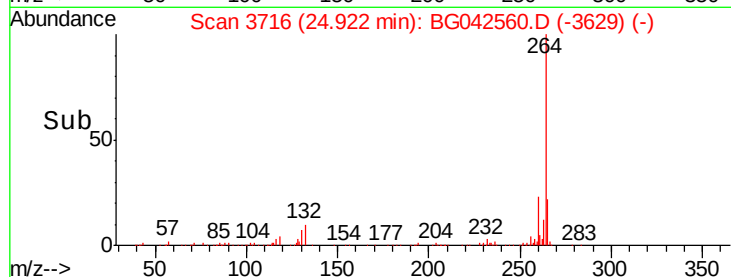
265 22.0 17.6 26.4



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: 43.408 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

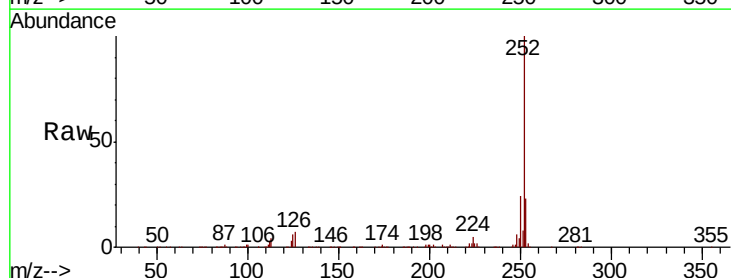
Tgt Ion:252 Resp: 716007

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

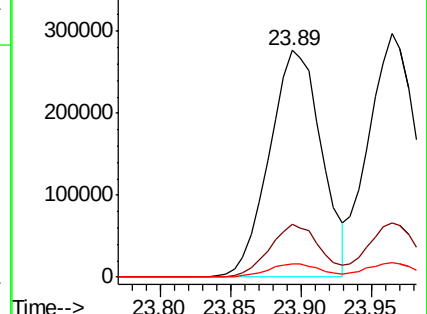
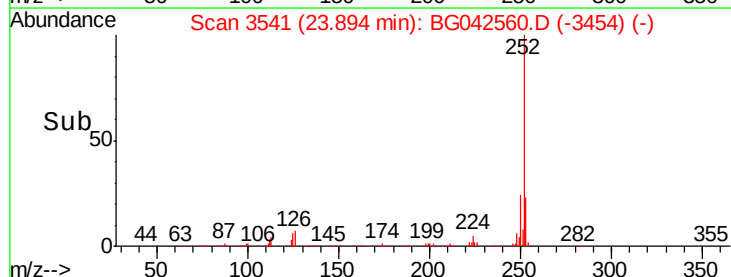
125 5.8 5.6 8.4

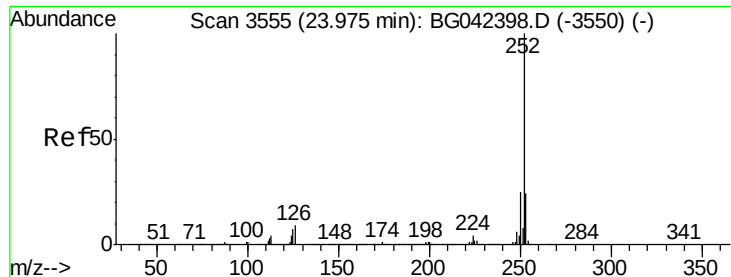


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

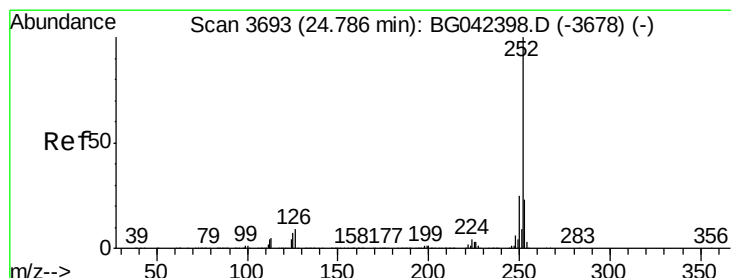
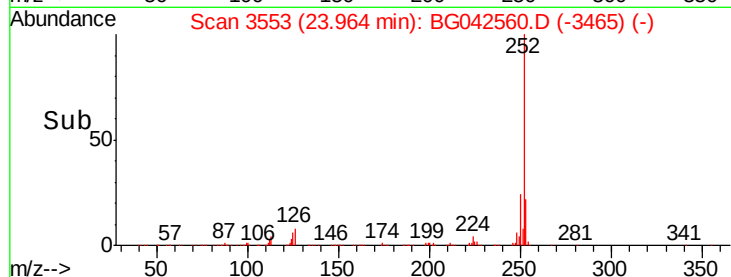
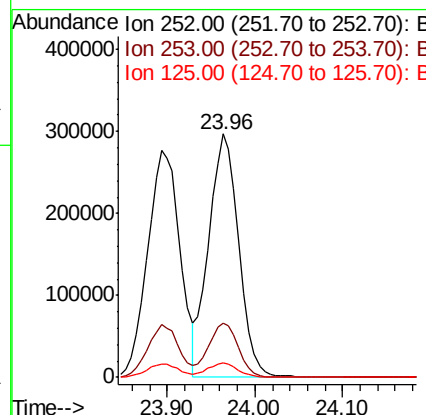
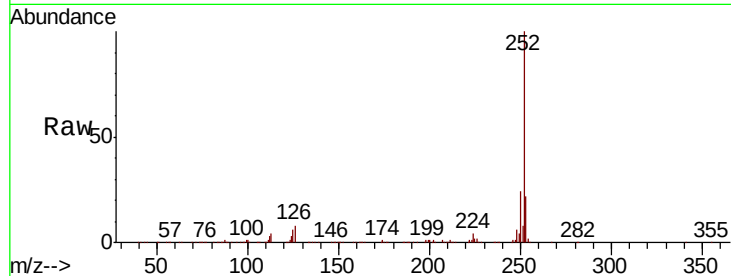




#89
Benzo(k)fluoranthene
Concen: 44.597 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

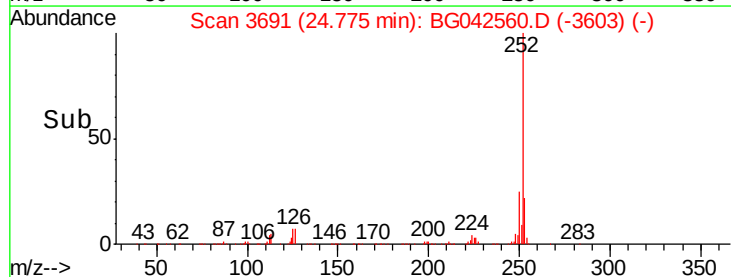
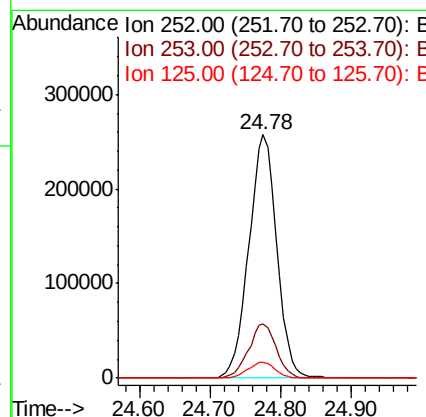
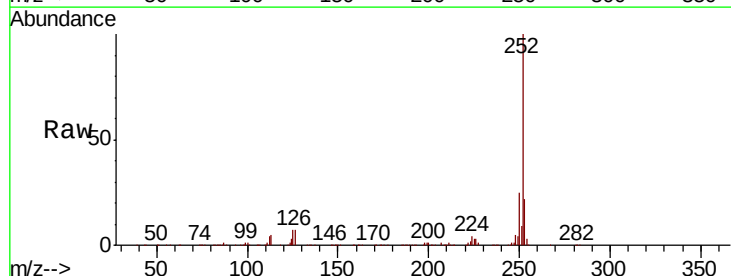
Instrument :
BNA_G
ClientSampleId :

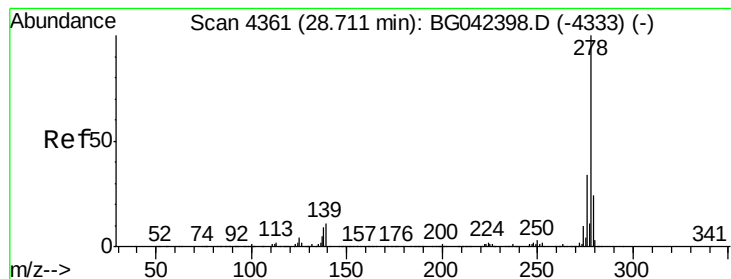
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	6.0	5.8	8.6



#90
Benzo(a)pyrene
Concen: 45.287 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042560.D
Acq: 29 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	6.7	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 43.370 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

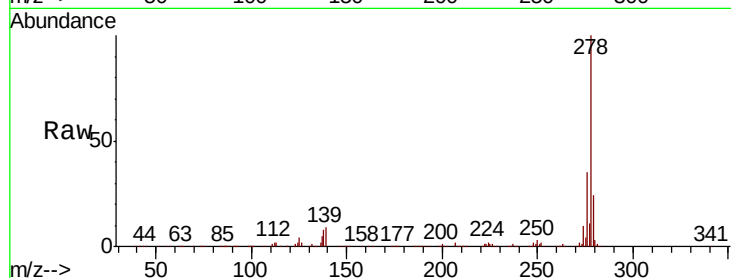
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 687318

Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.8	13.2
279	24.5	19.1	28.7

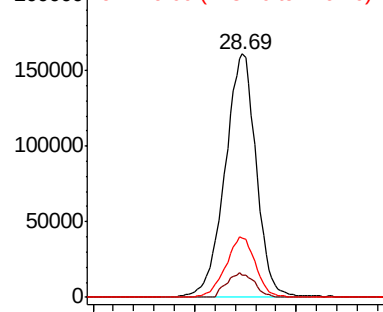


Abundance

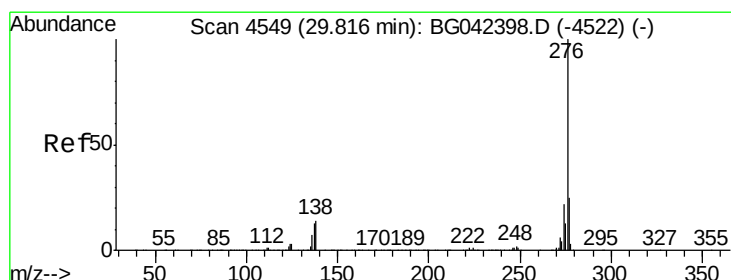
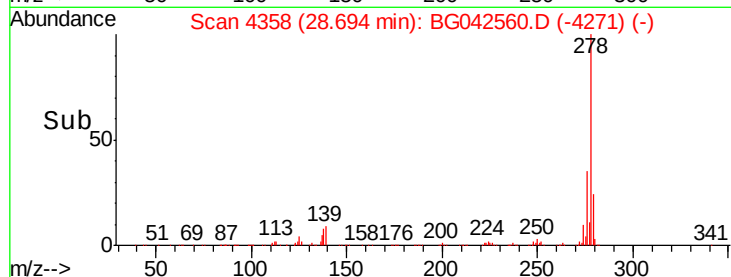
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 43.799 ng

RT: 29.79 min Scan# 4545

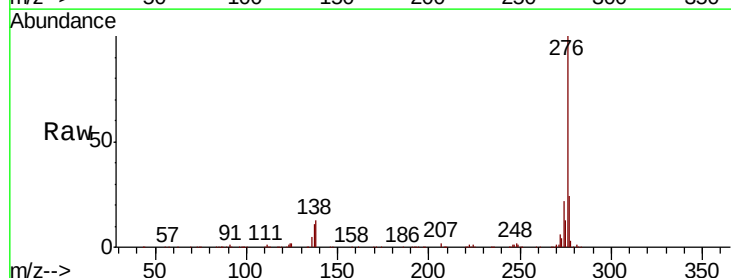
Delta R.T. -0.02 min

Lab File: BG042560.D

Acq: 29 Aug 2019 11:44

Tgt Ion:276 Resp: 694231

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	12.7	11.4	17.0

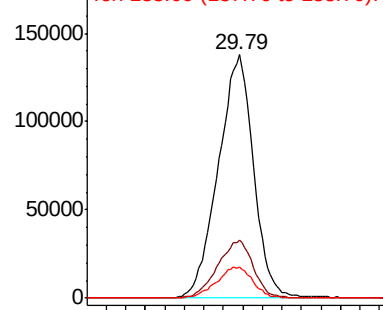


Abundance

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



Time-->

