

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042532.D
 Acq On : 28 Aug 2019 14:38
 Operator : HP/JU
 Sample : PB122619BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36495	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147861	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	110734	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	260985	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277477	20.00	ng	0.00
87) Perylene-d12	24.93	264	324902	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	232269	128.90	ng	0.00
7) Phenol-d6	7.17	99	291036	119.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	149841	70.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186489	118.49	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	487700	74.49	ng	0.00
79) Terphenyl-d14	20.02	244	957340	74.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	32855	43.691	ng	99
3) Pyridine	3.82	79	71532	37.096	ng	96
4) n-Nitrosodimethylamine	3.73	42	30823	44.754	ng	97
6) Aniline	7.32	93	104289	32.124	ng	97
8) 2-Chlorophenol	7.57	128	104818	47.997	ng	99
9) Benzaldehyde	7.13	77	61059	50.106	ng	96
10) Phenol	7.20	94	115290	46.586	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	83026	42.717	ng	97
12) 1,3-Dichlorobenzene	7.89	146	117815	42.408	ng	99
13) 1,4-Dichlorobenzene	8.04	146	121713	43.252	ng	99
14) 1,2-Dichlorobenzene	8.36	146	114257	42.398	ng	98
15) Benzyl Alcohol	8.24	79	78138	44.621	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105755	40.145	ng	98
17) 2-Methylphenol	8.45	107	82104	45.042	ng	99
18) Hexachloroethane	9.09	117	40450	41.988	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	63057	39.988	ng	94
20) 3+4-Methylphenols	8.78	107	113027	44.811	ng	98
22) Acetophenone	8.82	105	141942	44.883	ng	98
24) Nitrobenzene	9.20	77	95078	43.881	ng	97
25) Isophorone	9.73	82	177433	42.019	ng	99
26) 2-Nitrophenol	9.93	139	61421	45.235	ng	98
27) 2,4-Dimethylphenol	9.99	122	98011	52.401	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	113290	42.566	ng	96
29) 2,4-Dichlorophenol	10.47	162	117518	48.023	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	129942	43.260	ng	98
31) Naphthalene	10.87	128	304870	44.411	ng	99
32) Benzoic acid	10.14	122	49404	38.370	ng	99
33) 4-Chloroaniline	10.98	127	80780	25.491	ng	97
34) Hexachlorobutadiene	11.16	225	85178	42.195	ng	98
35) Caprolactam	11.75	113	17044	20.873	ng	# 84
36) 4-Chloro-3-methylphenol	12.11	107	105781	45.535	ng	99
37) 2-Methylnaphthalene	12.48	142	244966	44.441	ng	99
38) 1-Methylnaphthalene	12.70	142	227725	43.494	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159767	44.928	ng	100

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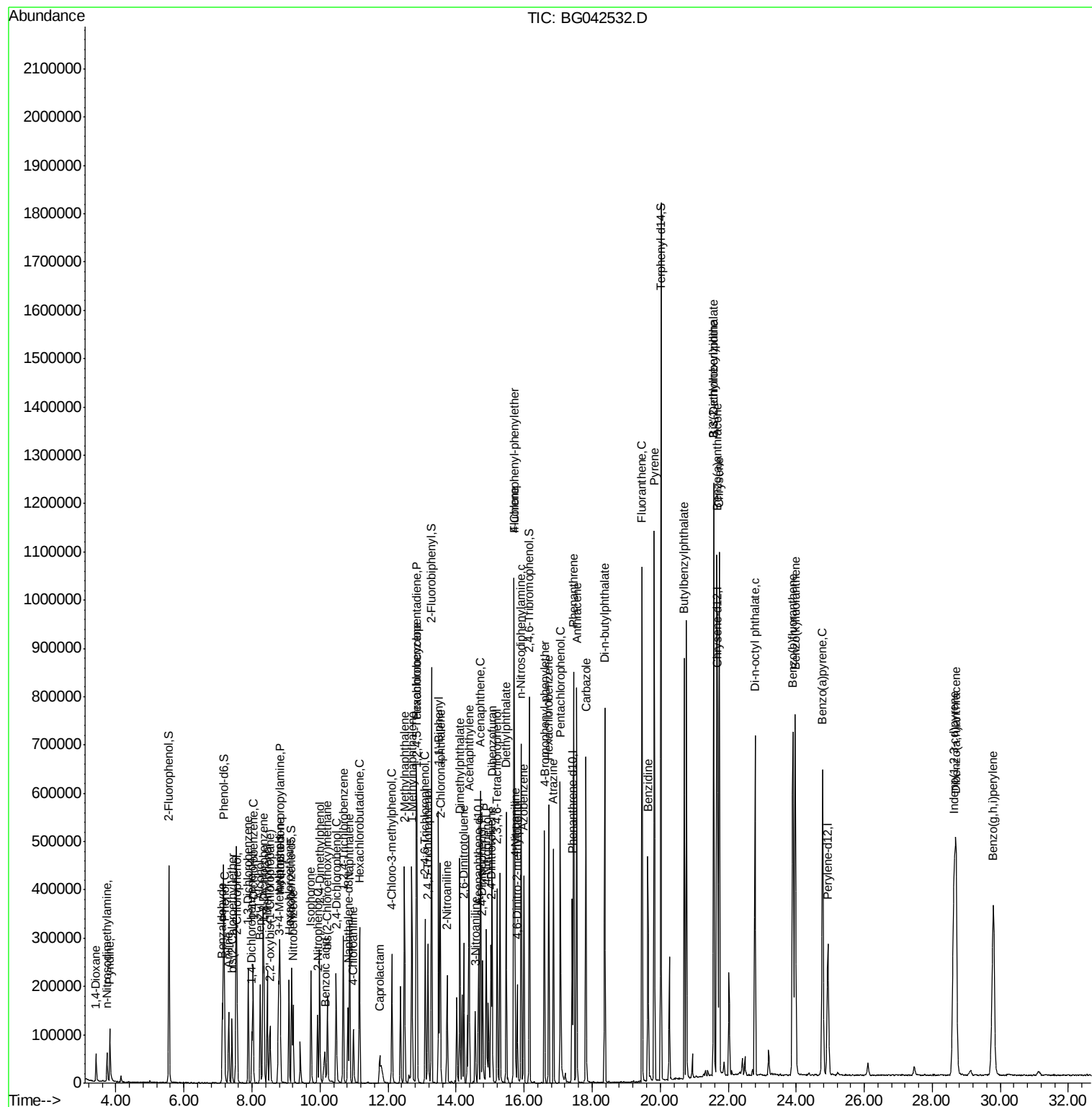
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	190706	102.093	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	107287	44.635	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	115883	46.523	ng	98
46) 1,1'-Biphenyl	13.49	154	325591	45.487	ng	98
47) 2-Chloronaphthalene	13.53	162	266239	43.136	ng	100
48) 2-Nitroaniline	13.73	65	61045	41.015	ng	95
49) Acenaphthylene	14.38	152	421570	45.400	ng	100
50) Dimethylphthalate	14.11	163	344431	43.108	ng	100
51) 2,6-Dinitrotoluene	14.23	165	82291	44.434	ng	98
52) Acenaphthene	14.72	154	245094	43.469	ng	99
53) 3-Nitroaniline	14.56	138	53675	28.979	ng	97
54) 2,4-Dinitrophenol	14.78	184	100600	80.537	ng	94
55) Dibenzofuran	15.06	168	419854	44.985	ng	98
56) 4-Nitrophenol	14.89	139	118538	90.067	ng	95
57) 2,4-Dinitrotoluene	15.03	165	117154	44.175	ng	96
58) Fluorene	15.71	166	339604	44.513	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	108817	44.176	ng	99
60) Diethylphthalate	15.47	149	336597	43.095	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	201381	43.788	ng	99
62) 4-Nitroaniline	15.73	138	83747	42.248	ng	98
63) Azobenzene	15.99	77	230595	43.086	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77228	47.198	ng	96
66) n-Nitrosodiphenylamine	15.91	169	317473	44.233	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	141316	42.688	ng	98
68) Hexachlorobenzene	16.73	284	148495	41.264	ng	99
69) Atrazine	16.86	200	121822	47.997	ng	98
70) Pentachlorophenol	17.07	266	172790	92.410	ng	97
71) Phenanthrene	17.45	178	579540	44.705	ng	99
72) Anthracene	17.55	178	594307	45.923	ng	100
73) Carbazole	17.82	167	525755	45.583	ng	99
74) Di-n-butylphthalate	18.37	149	607879	44.585	ng	100
75) Fluoranthene	19.46	202	766862	48.471	ng	98
77) Benzidine	19.64	184	340260	42.771	ng	99
78) Pyrene	19.83	202	772330	45.399	ng	99
80) Butylbenzylphthalate	20.71	149	284406	42.505	ng	98
81) Benzo(a)anthracene	21.67	228	748712	44.356	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	212006	31.230	ng	100
83) Chrysene	21.74	228	729300	44.801	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	402129	43.285	ng	99
85) Di-n-octyl phthalate	22.79	149	692329	43.329	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	950668	42.973	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	822900	46.070	ng	99
89) Benzo(k)fluoranthene	23.97	252	794169	46.256	ng	99
90) Benzo(a)pyrene	24.77	252	808683	47.711	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	790213	46.046	ng	98
92) Benzo(g,h,i)perylene	29.79	276	798403	46.516	ng	98

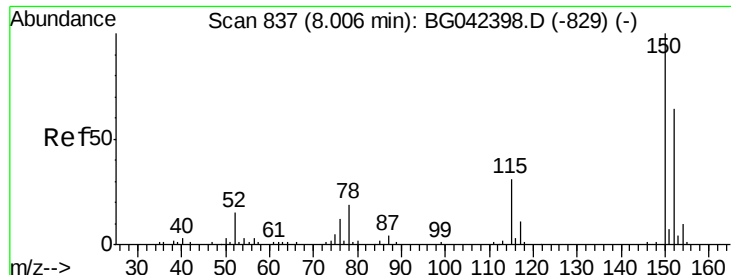
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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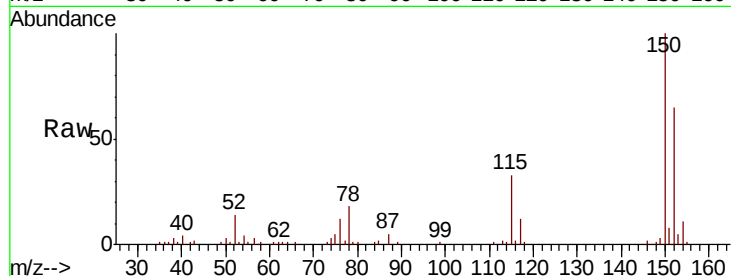


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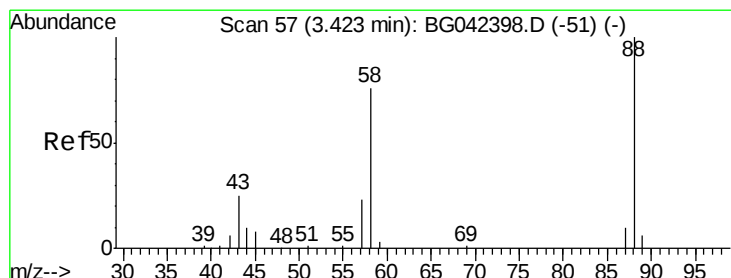
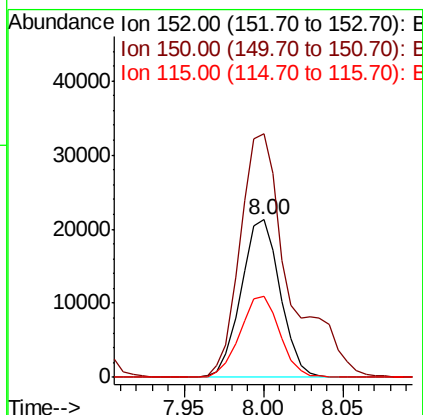
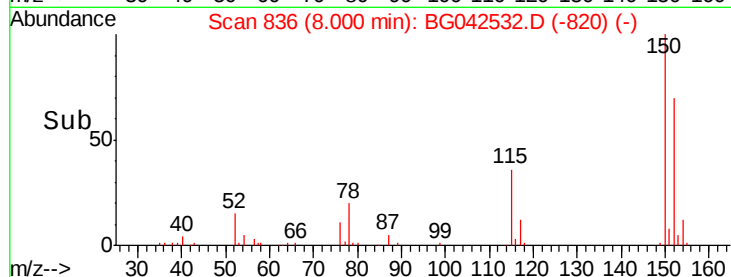
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 36495
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.0
115 51.1 38.5 57.7



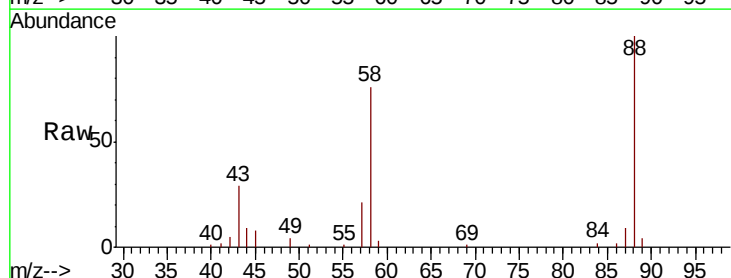
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



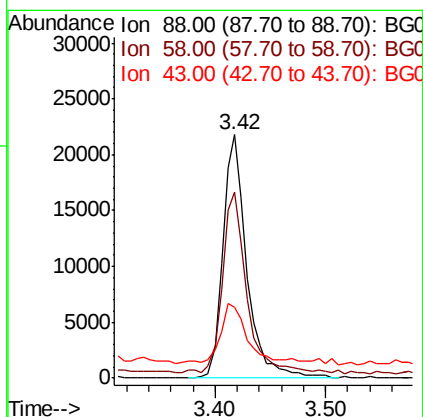
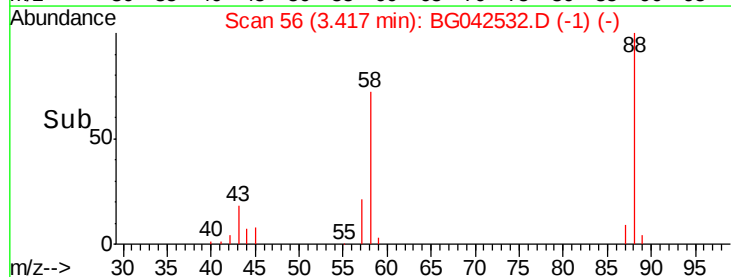
#2

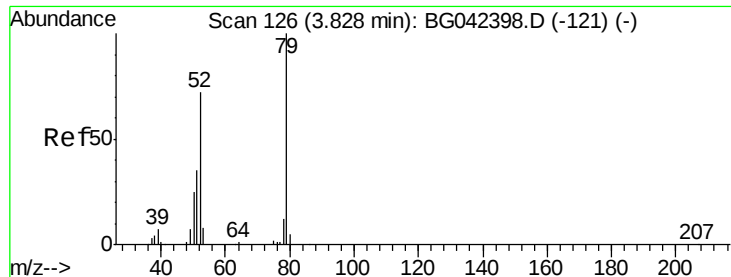
1,4-Dioxane
Concen: 43.691 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion: 88 Resp: 32855
Ion Ratio Lower Upper
88 100
58 73.8 58.3 87.5
43 26.2 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: 37.096 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

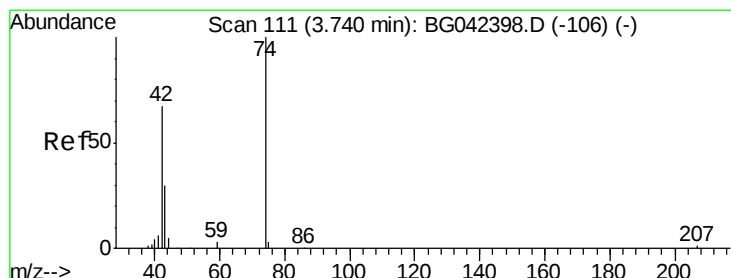
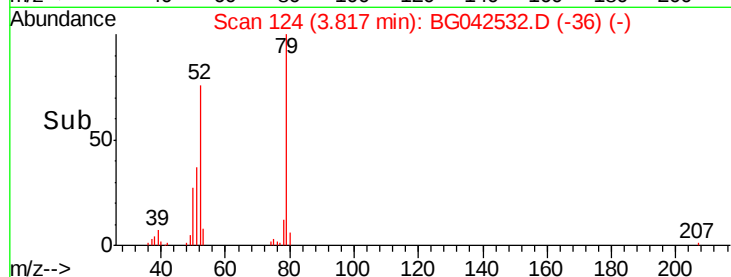
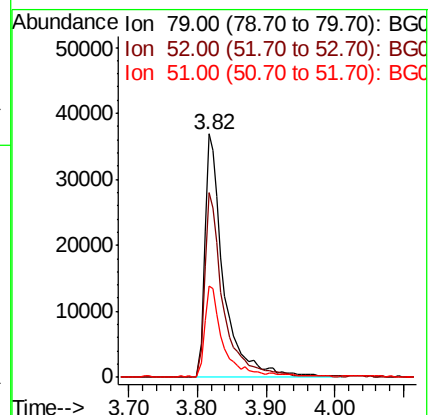
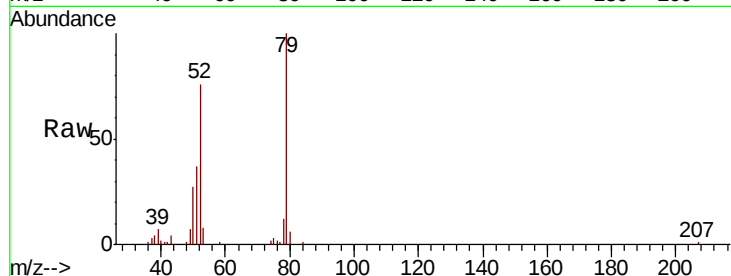
Tot Ion: 79 Resp: 71532

Ion Ratio Lower Upper

79 100

52 75.7 57.7 86.5

51 37.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 44.754 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

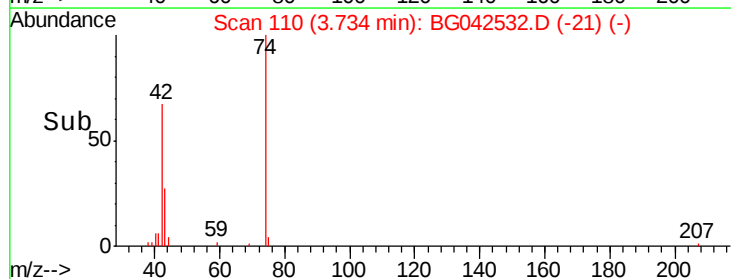
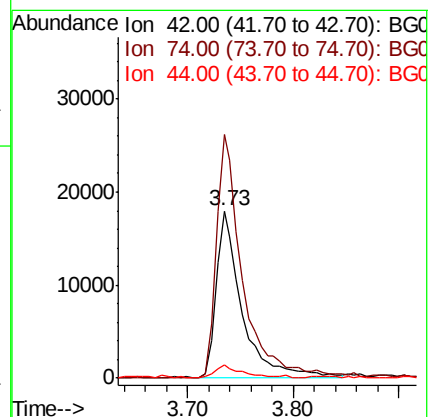
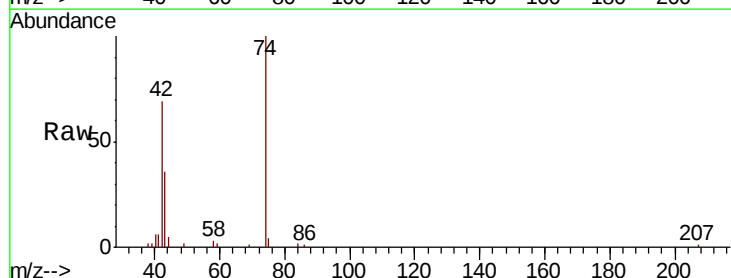
Tgt Ion: 42 Resp: 30823

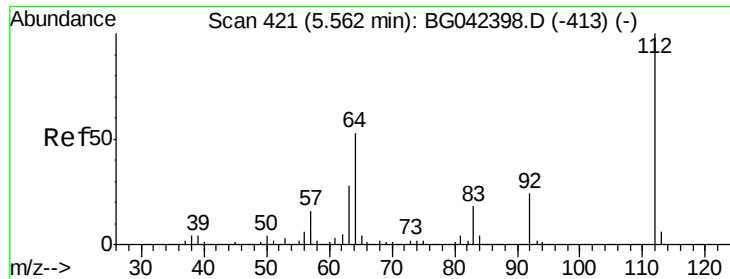
Ion Ratio Lower Upper

42 100

74 145.9 119.6 179.4

44 7.7 6.5 9.7





#5

2-Fluorophenol

Concen: 128.898 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

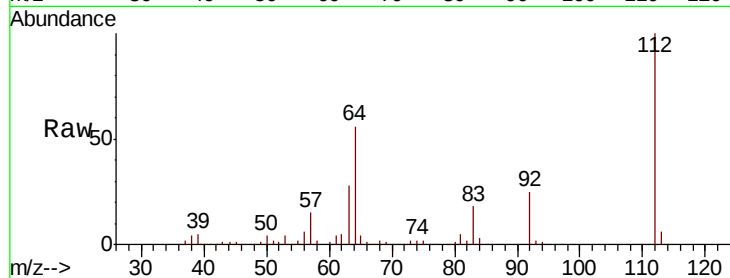
Tot Ion:112 Resp: 232269

Ion Ratio Lower Upper

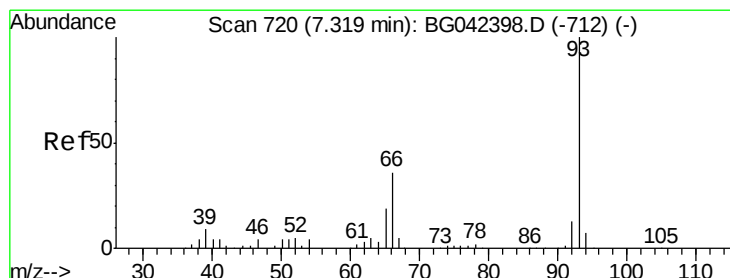
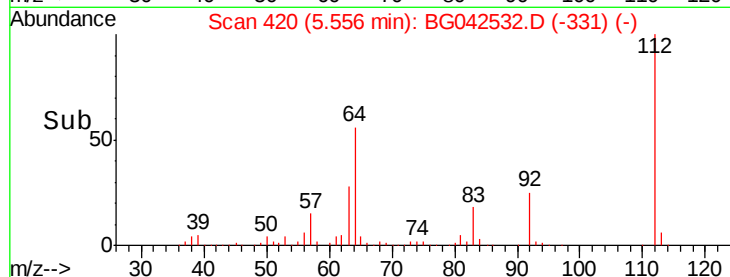
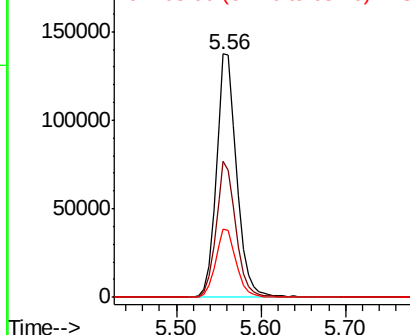
112 100

64 56.1 42.8 64.2

63 28.1 22.7 34.1



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



#6

Aniline

Concen: 32.124 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

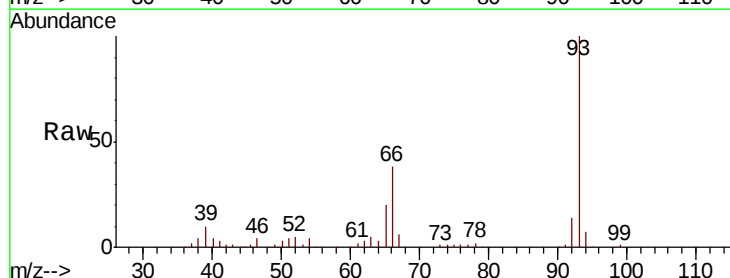
Tgt Ion: 93 Resp: 104289

Ion Ratio Lower Upper

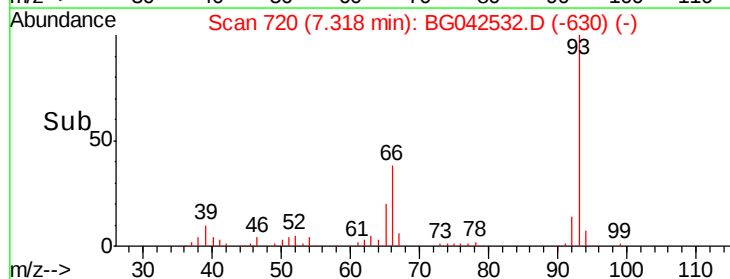
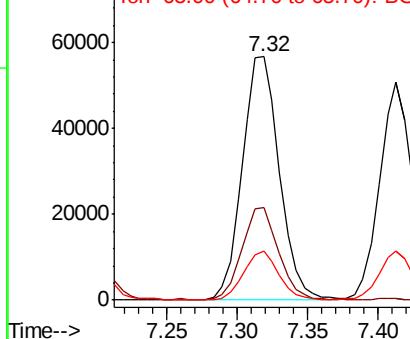
93 100

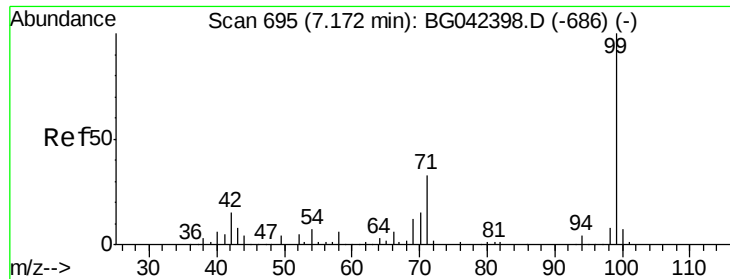
66 37.9 29.0 43.6

65 20.2 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: 119.569 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

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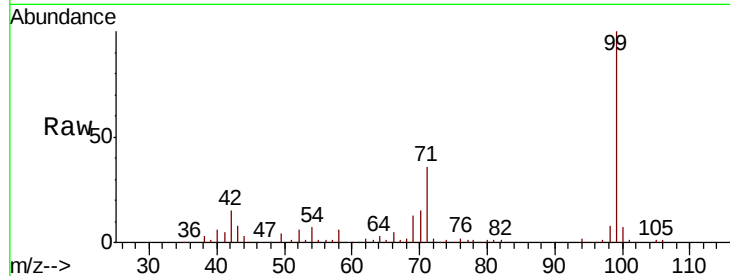
Tot Ion: 99 Resp: 291036

Ion Ratio Lower Upper

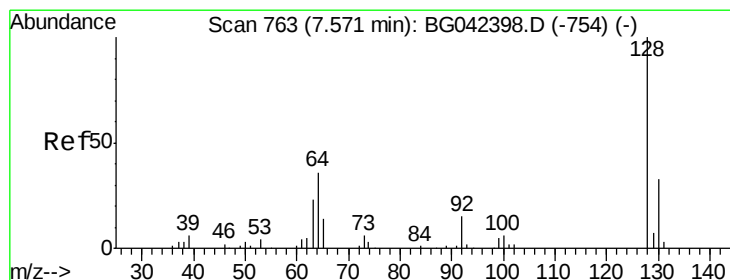
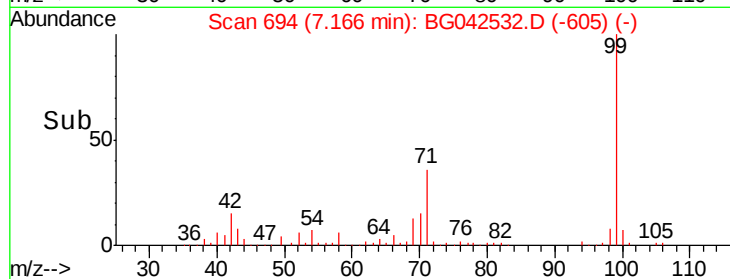
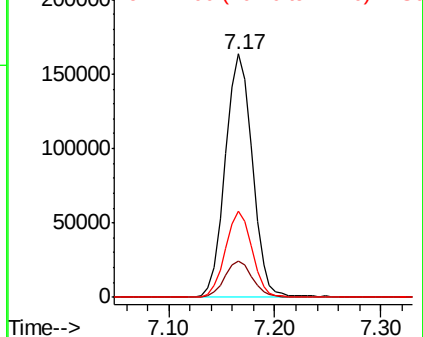
99 100

42 14.8 12.0 18.0

71 35.5 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: 47.997 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

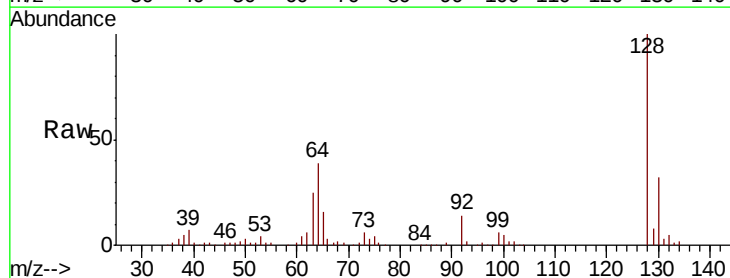
Tgt Ion: 128 Resp: 104818

Ion Ratio Lower Upper

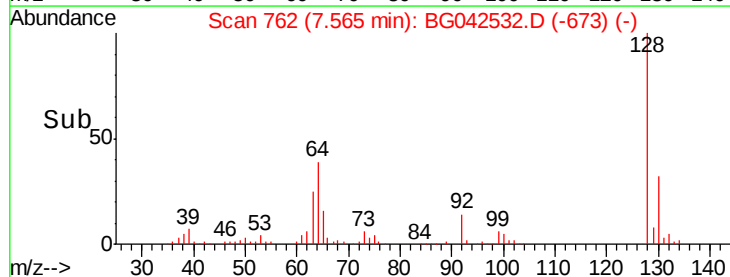
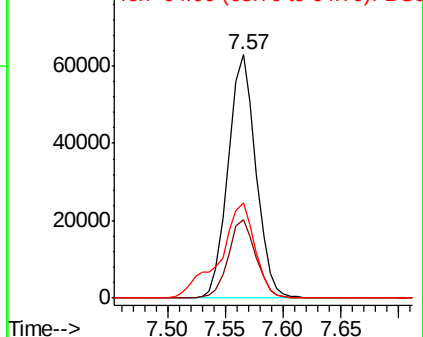
128 100

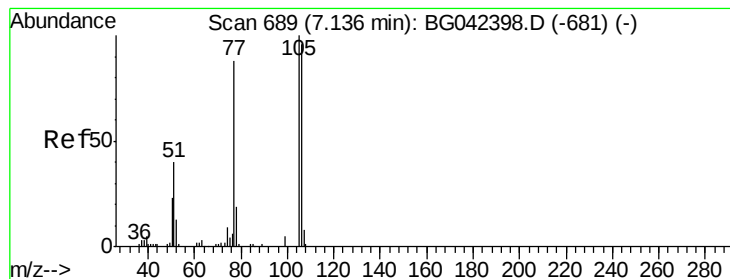
130 32.0 12.8 52.8

64 39.3 19.2 59.2



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





#9

Benzaldehyde

Concen: 50.106 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

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ClientSampled :

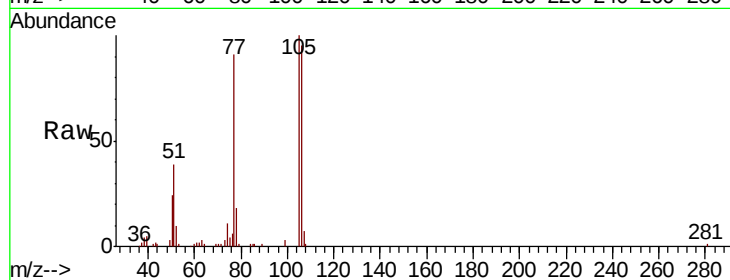
Tot Ion: 77 Resp: 61059

Ion Ratio Lower Upper

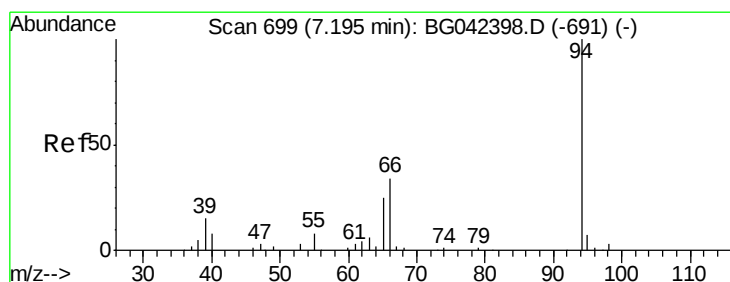
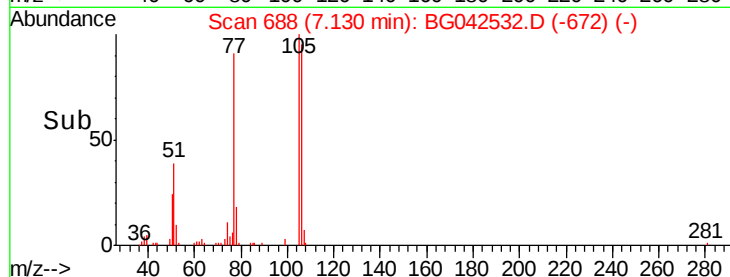
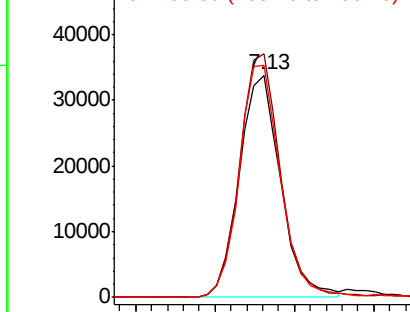
77 100

105 109.4 93.4 133.4

106 104.4 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: 46.586 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

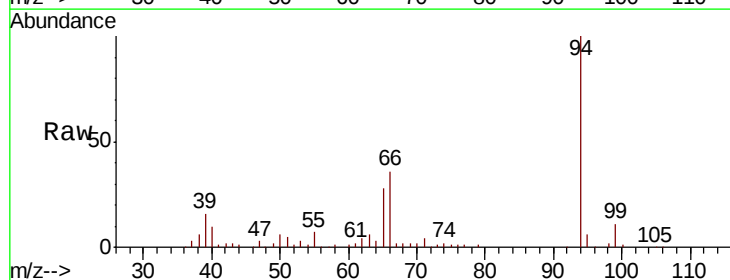
Tgt Ion: 94 Resp: 115290

Ion Ratio Lower Upper

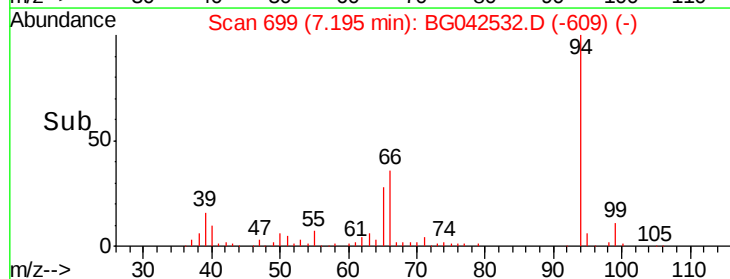
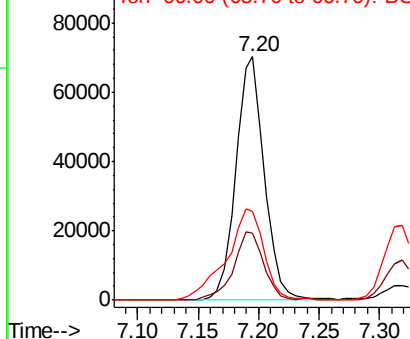
94 100

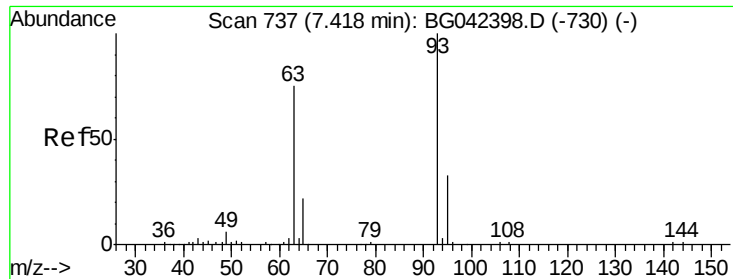
65 27.5 5.6 45.6

66 36.5 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

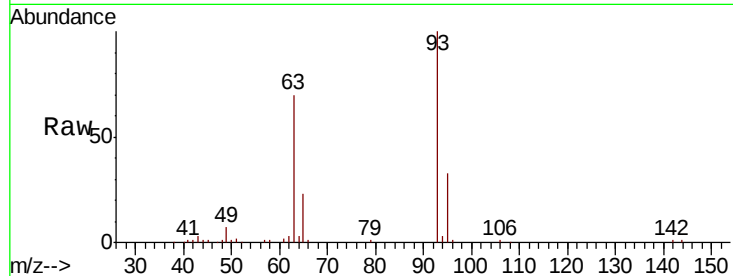




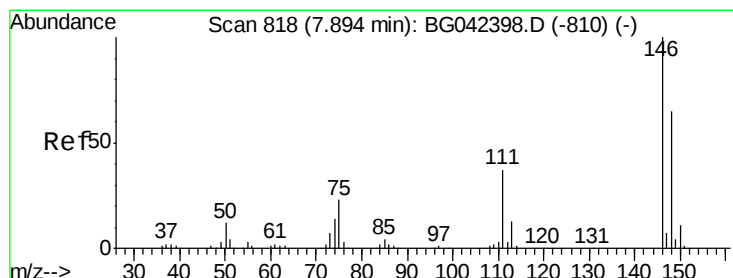
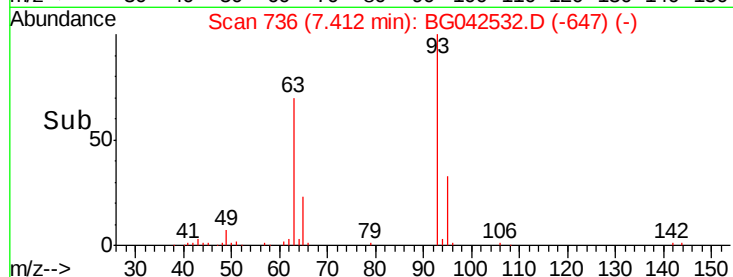
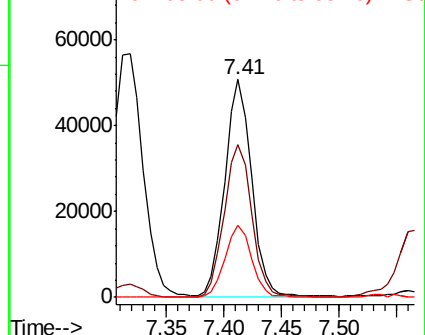
#11
bis(2-Chloroethyl)ether
Concen: 42.717 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 83026
Ion Ratio Lower Upper
93 100
63 70.1 53.8 93.8
95 33.3 13.1 53.1

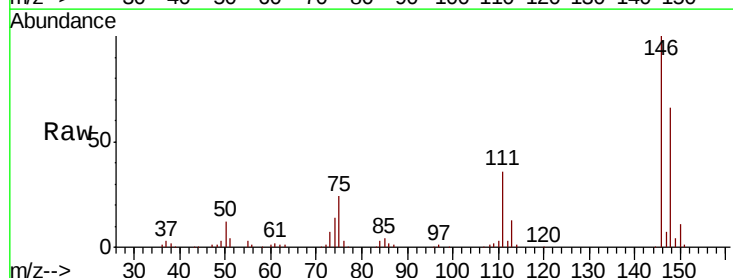


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

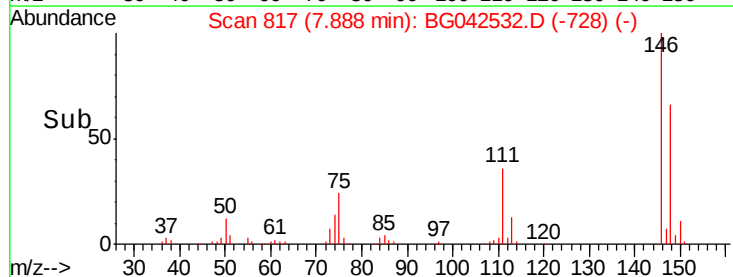
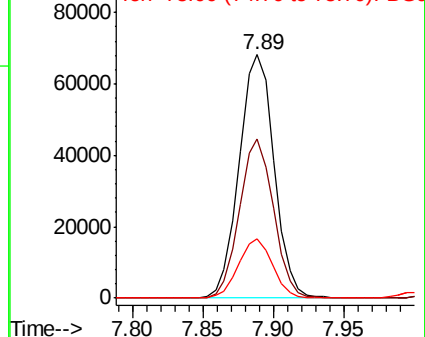


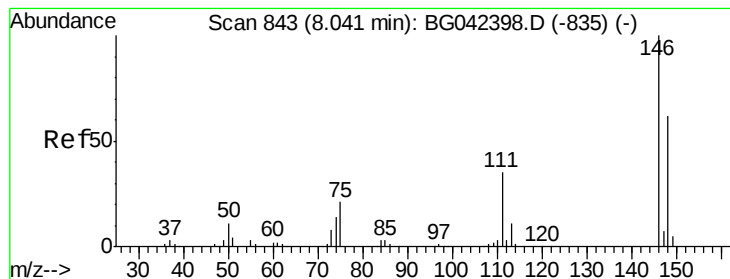
#12
1,3-Dichlorobenzene
Concen: 42.408 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion: 146 Resp: 117815
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.2
75 24.3 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.252 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

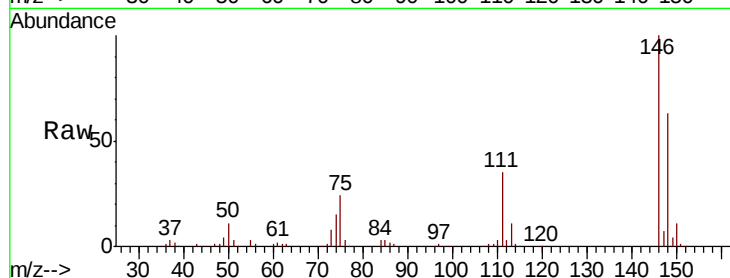
Tot Ion:146 Resp: 121713

Ion Ratio Lower Upper

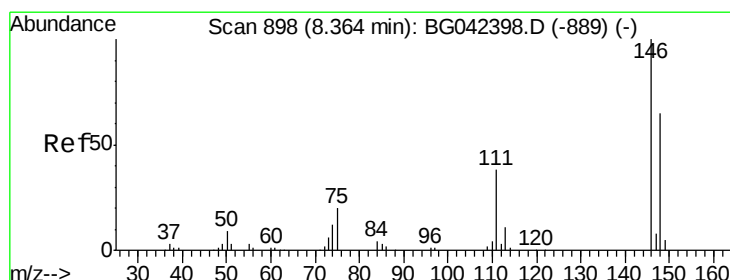
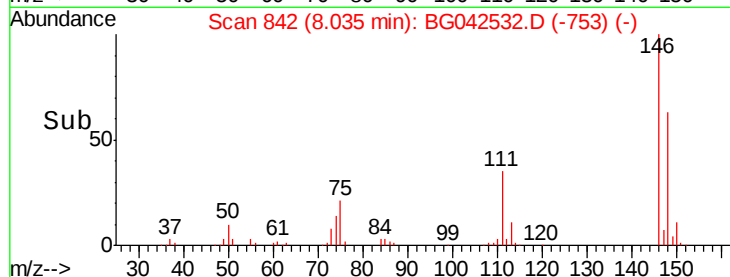
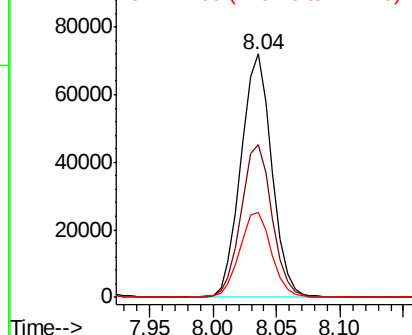
146 100

148 62.8 49.5 74.3

111 34.7 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: 42.398 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

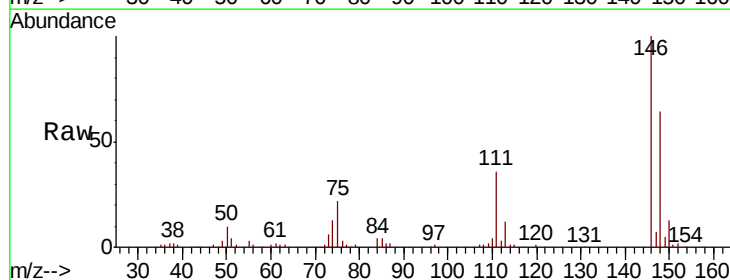
Tgt Ion:146 Resp: 114257

Ion Ratio Lower Upper

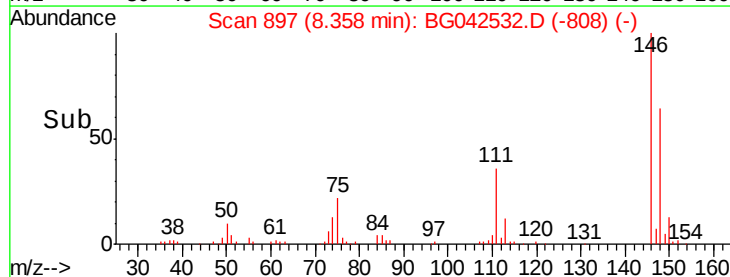
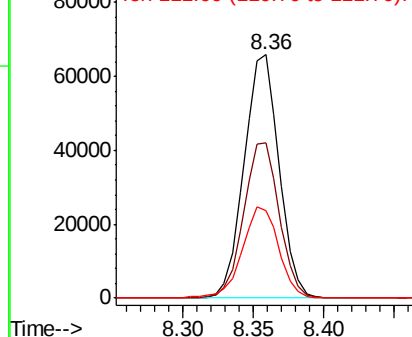
146 100

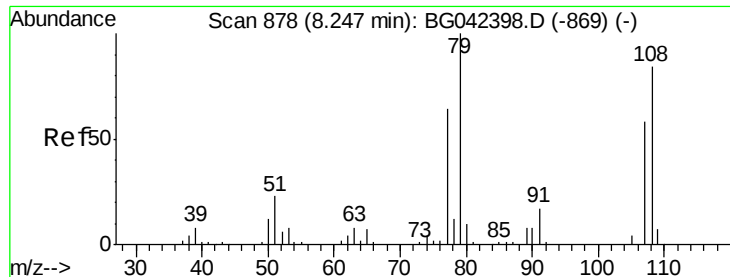
148 63.9 51.8 77.6

111 36.1 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: 44.621 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

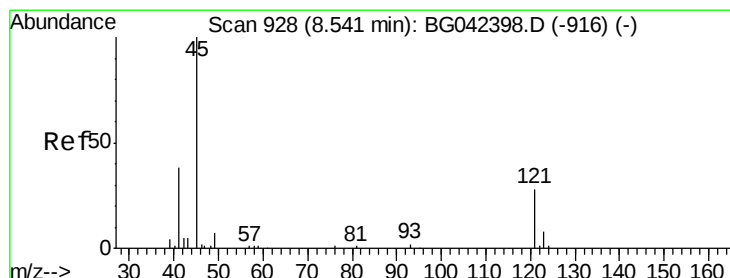
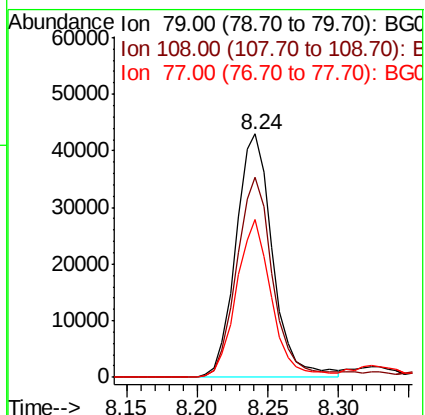
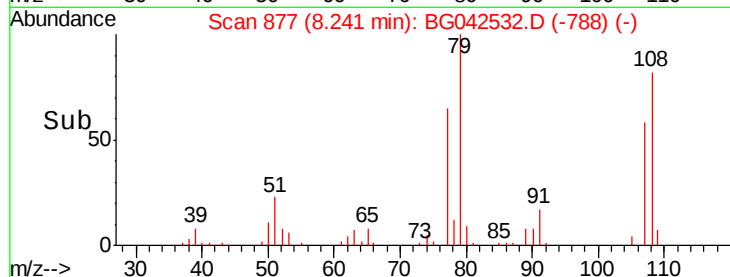
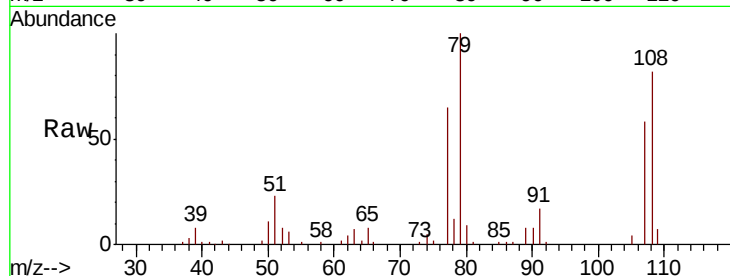
Tot Ion: 79 Resp: 78138

Ion Ratio Lower Upper

79 100

108 82.2 67.4 101.2

77 64.8 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.145 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

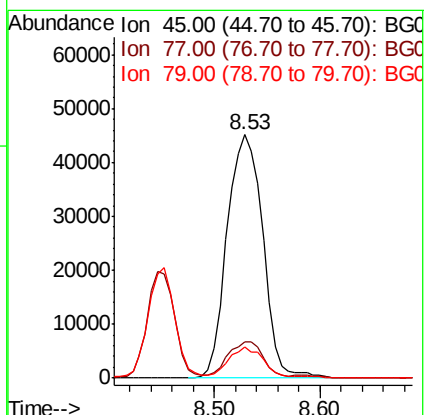
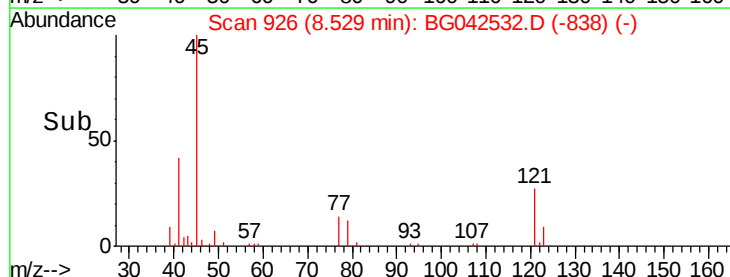
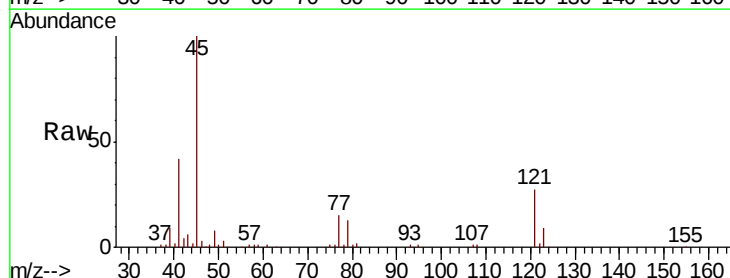
Tgt Ion: 45 Resp: 105755

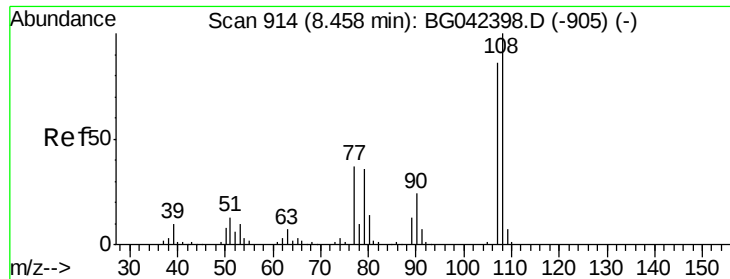
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.6

79 12.6 0.0 31.6

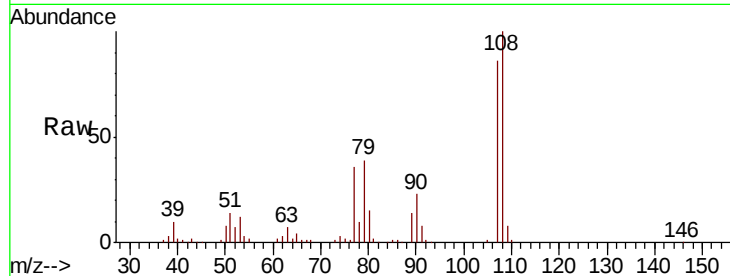




#17
2-Methylphenol
Concen: 45.042 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.9	139.3
77	42.4	34.4	51.6
79	45.1	33.8	50.6



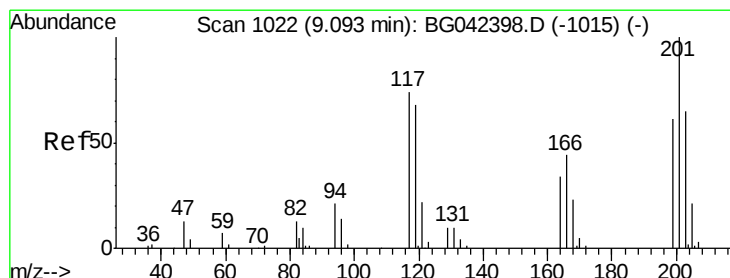
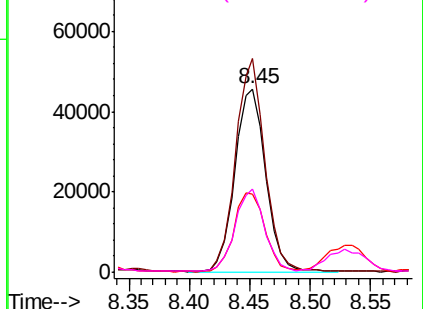
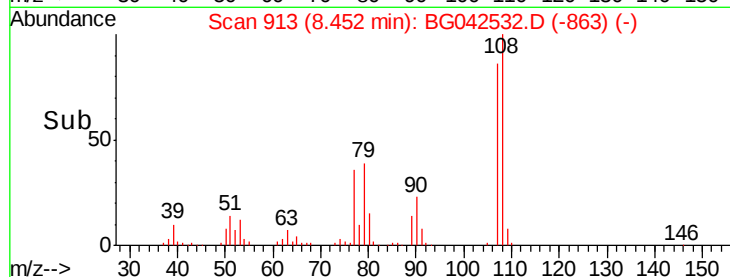
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

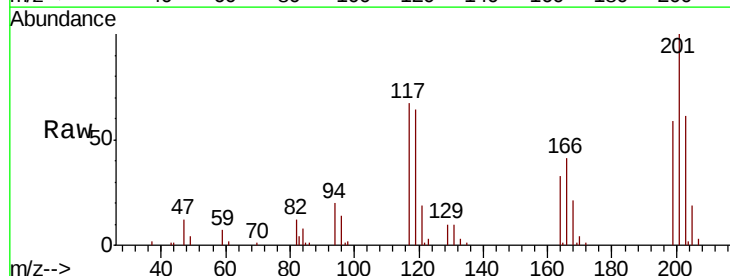
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.988 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.8	110.8
201	148.2	108.3	162.5

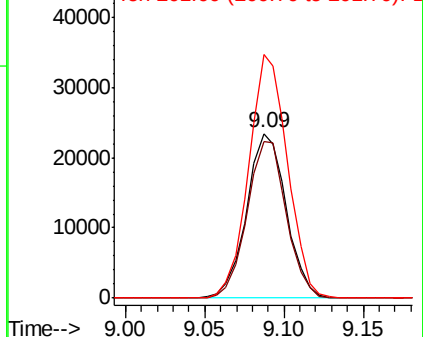
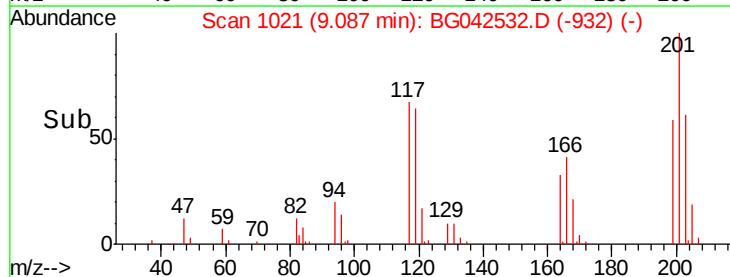


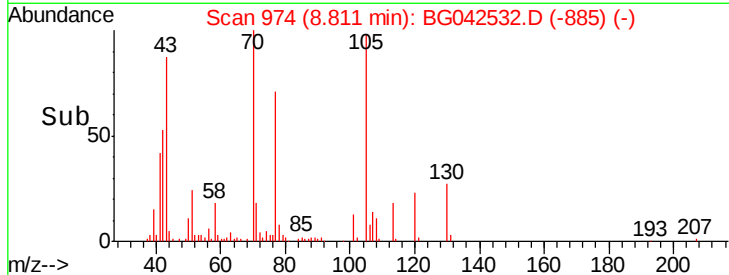
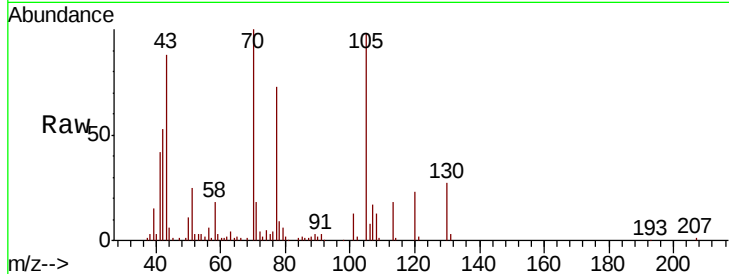
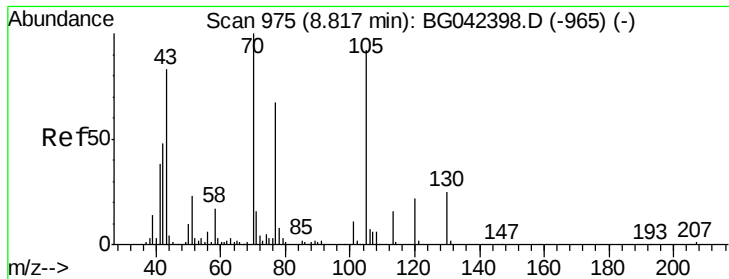
Abundance

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

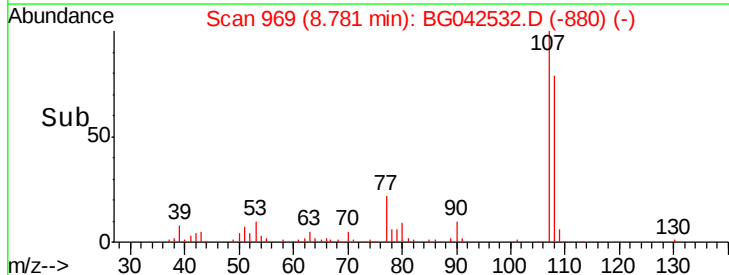
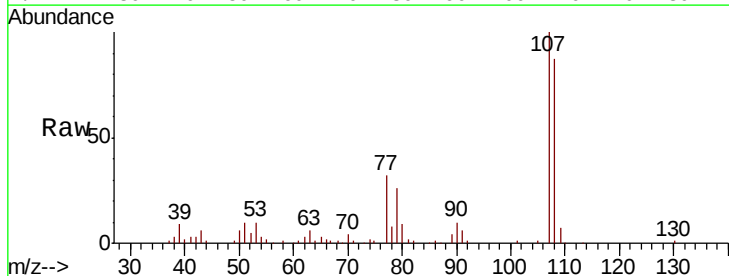
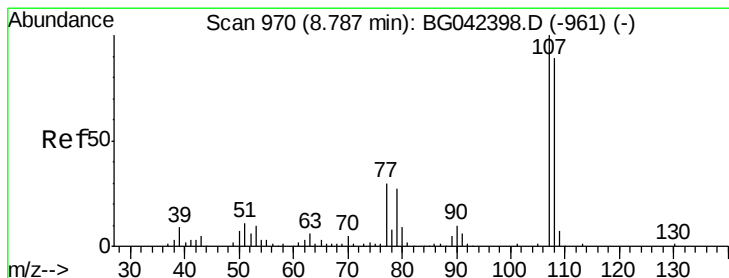
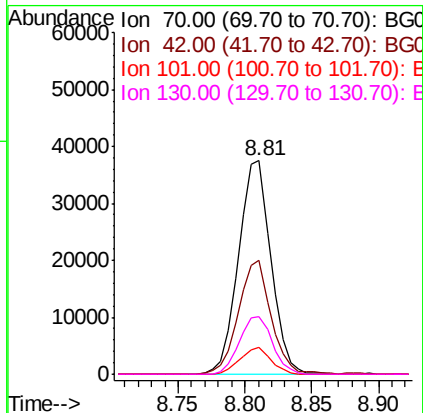




#19
n-Nitroso-di-n-propylamine
Concen: 39.988 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

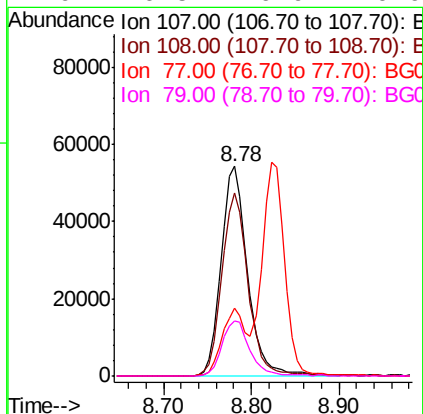
Instrument :
BNA_F
ClientSampleId :

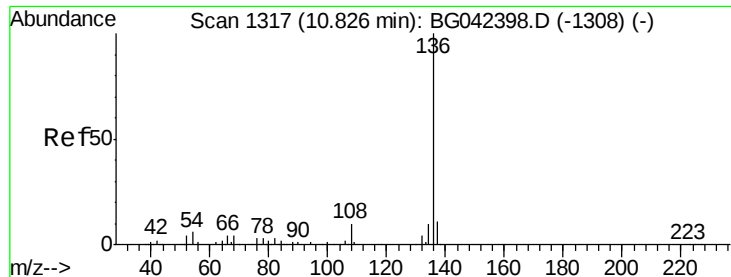
Tot Ion:	70	Resp:	63057
Ion	Ratio	Lower	Upper
70	100		
42	53.1	38.8	58.2
101	12.9	9.0	13.6
130	27.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 44.811 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:	107	Resp:	113027
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.7	108.7
77	32.1	10.2	50.2
79	26.5	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 147861

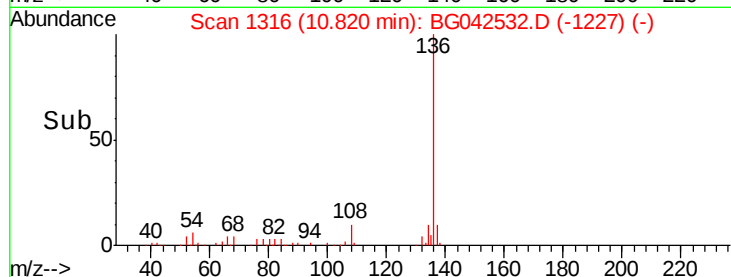
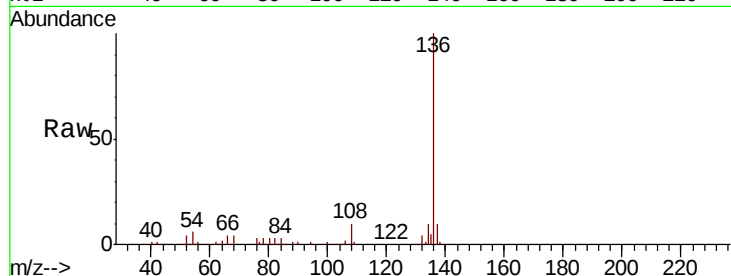
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.8 4.9 7.3

68 4.1 3.6 5.4

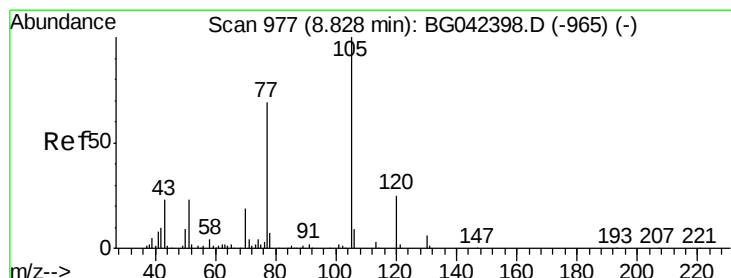
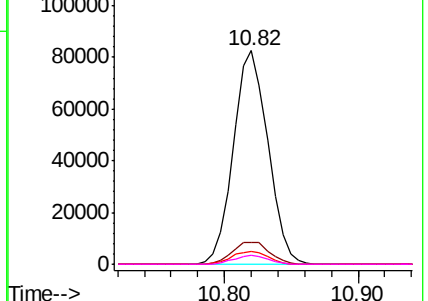


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.883 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:105 Resp: 141942

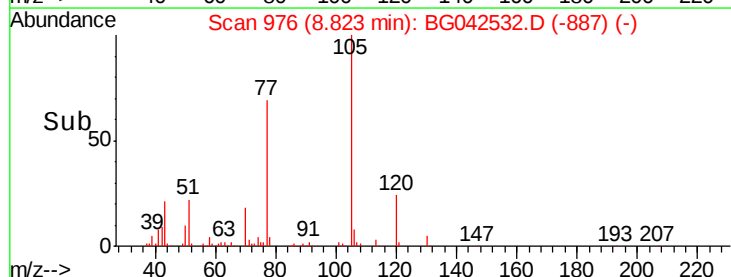
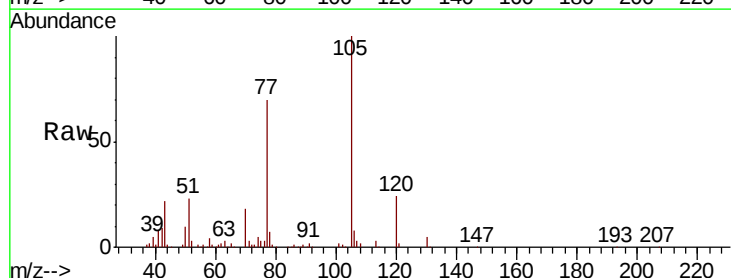
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 22.8 18.7 28.1

120 23.6 20.1 30.1

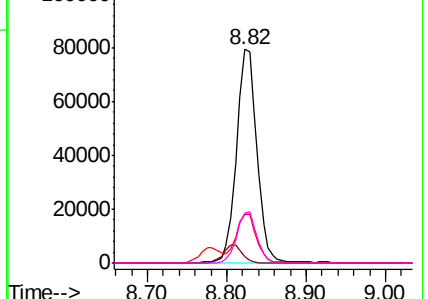


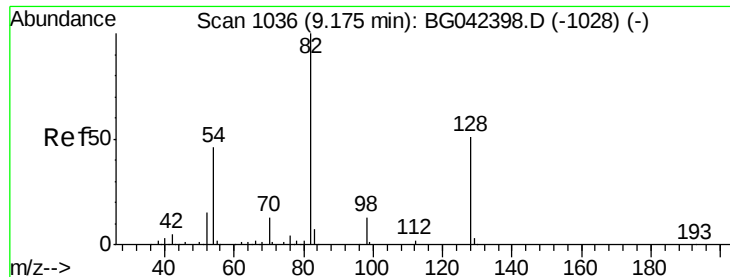
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

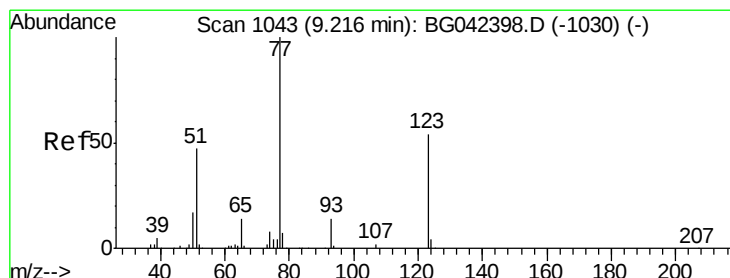
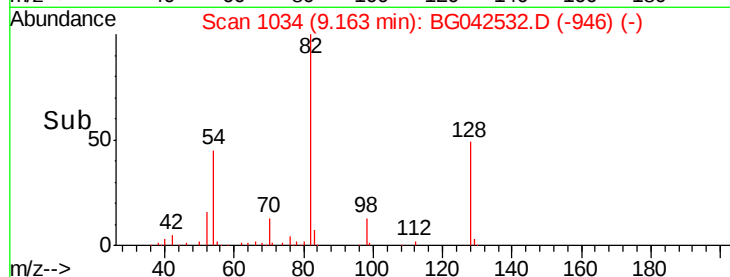
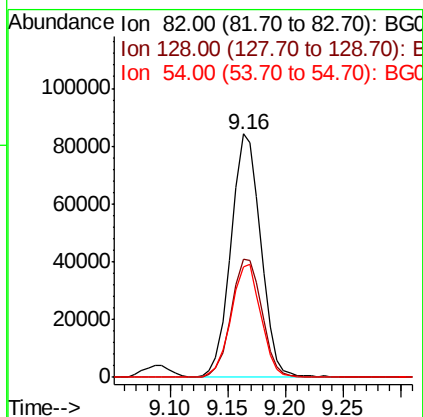
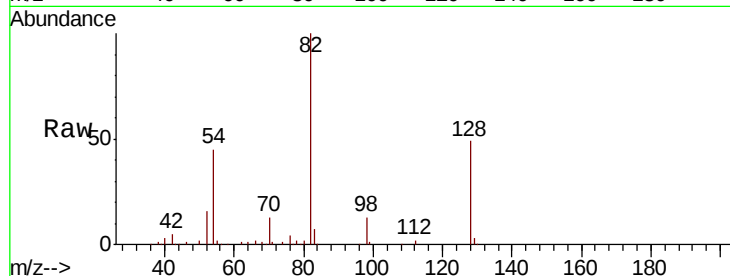




#23
Nitrobenzene-d5
Concen: 70.029 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

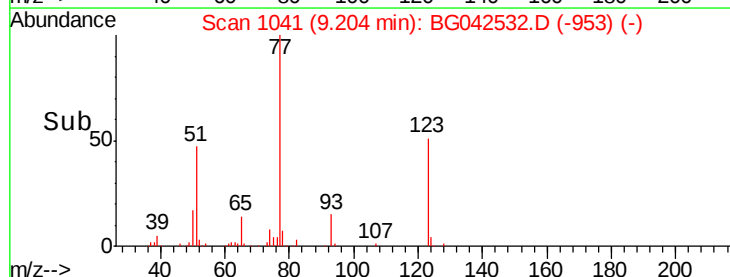
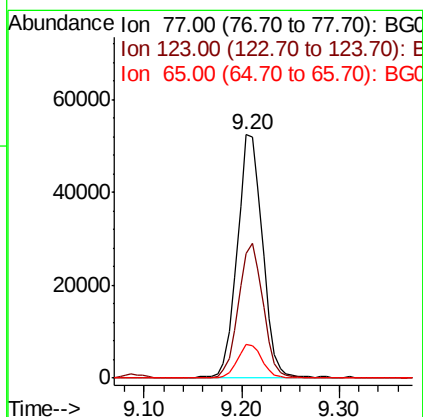
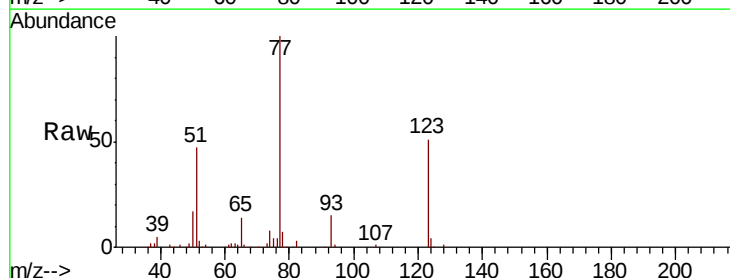
Instrument :
BNA_F
ClientSampleId :

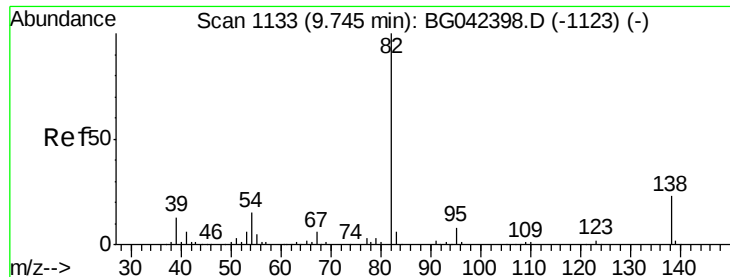
Tot Ion: 82 Resp: 149841
Ion Ratio Lower Upper
82 100
128 48.6 40.7 61.1
54 45.3 36.3 54.5



#24
Nitrobenzene
Concen: 43.881 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion: 77 Resp: 95078
Ion Ratio Lower Upper
77 100
123 51.3 43.4 65.0
65 13.6 11.0 16.6





#25

Isophorone

Concen: 42.019 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

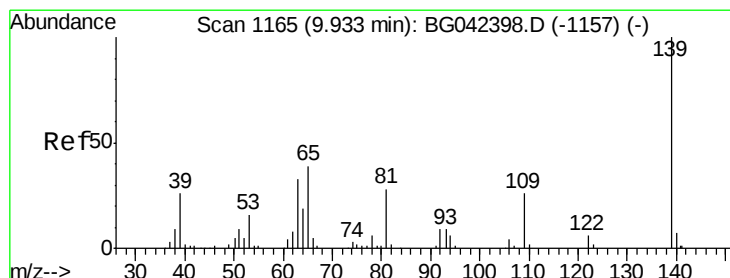
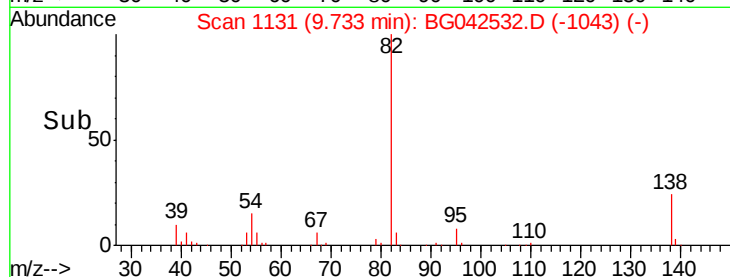
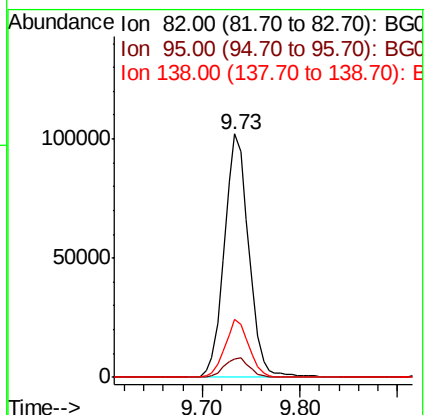
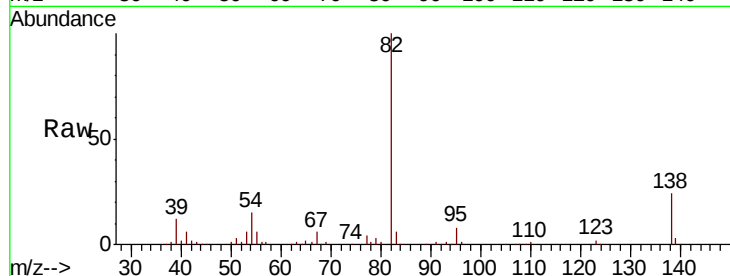
Tot Ion: 82 Resp: 177433

Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 23.9 18.6 27.8



#26

2-Nitrophenol

Concen: 45.235 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

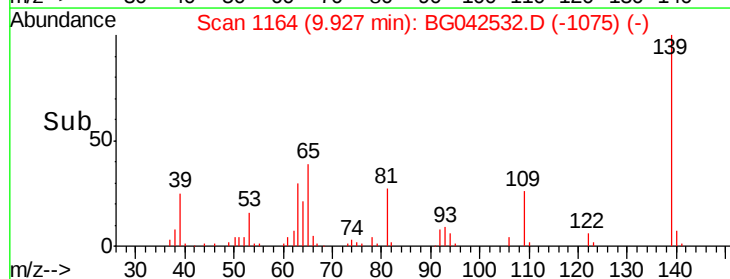
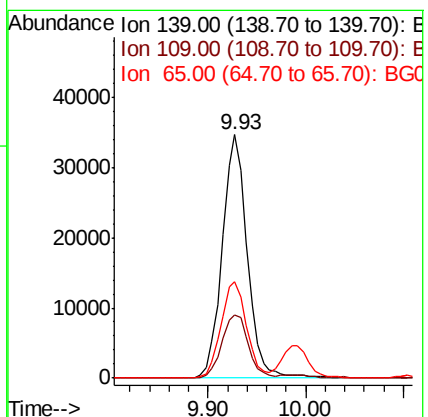
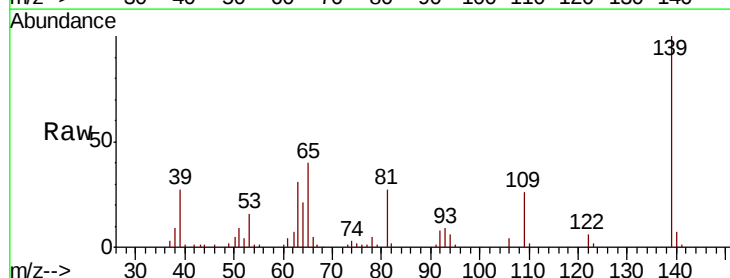
Tgt Ion: 139 Resp: 61421

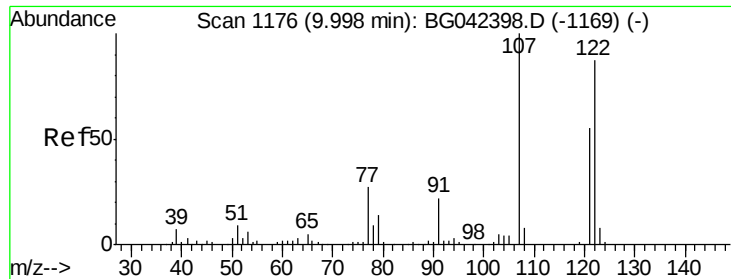
Ion Ratio Lower Upper

139 100

109 26.1 20.5 30.7

65 39.8 30.9 46.3

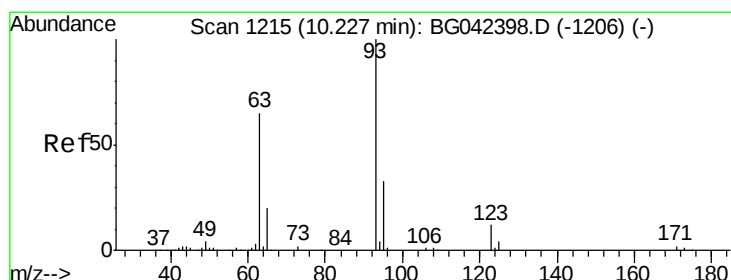
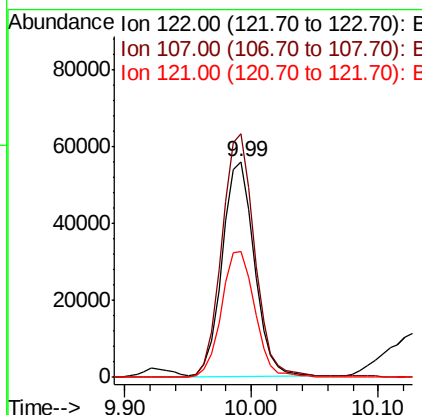
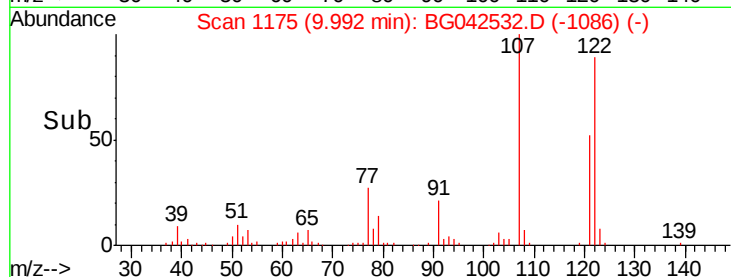
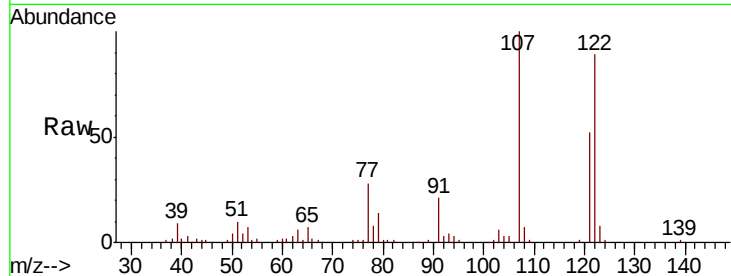




#27
 2,4-Dimethylphenol
 Concen: 52.401 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

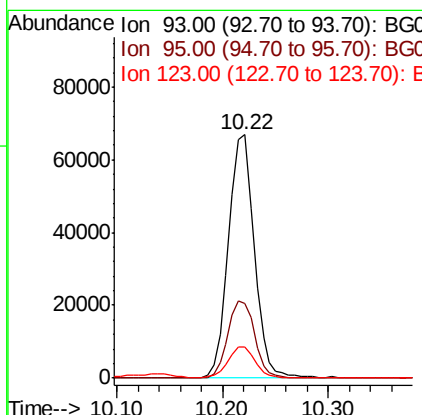
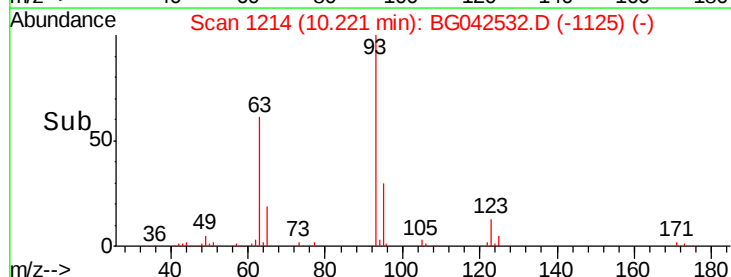
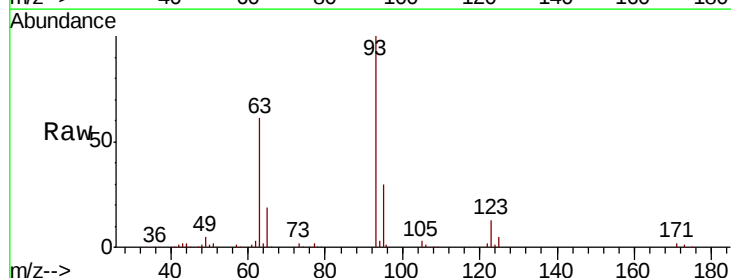
Instrument :
 BNA_F
 ClientSampleId :

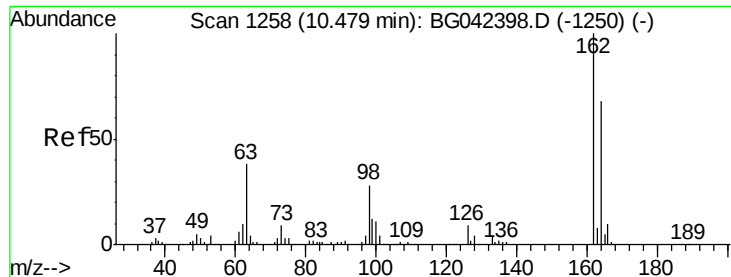
Tot Ion:122 Resp: 98011
 Ion Ratio Lower Upper
 122 100
 107 112.8 90.8 136.2
 121 58.2 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.566 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion: 93 Resp: 113290
 Ion Ratio Lower Upper
 93 100
 95 30.5 26.6 40.0
 123 13.0 10.1 15.1

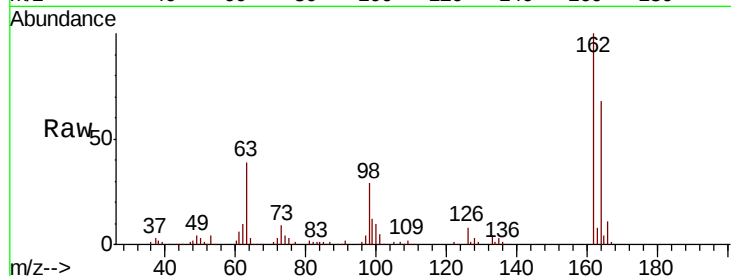




#29
 2,4-Dichlorophenol
 Concen: 48.023 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	48.1	88.1
98	29.0	7.6	47.6

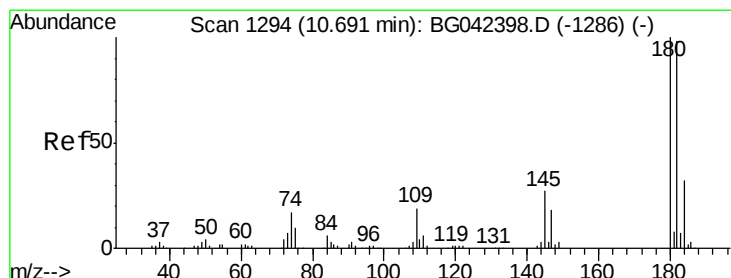
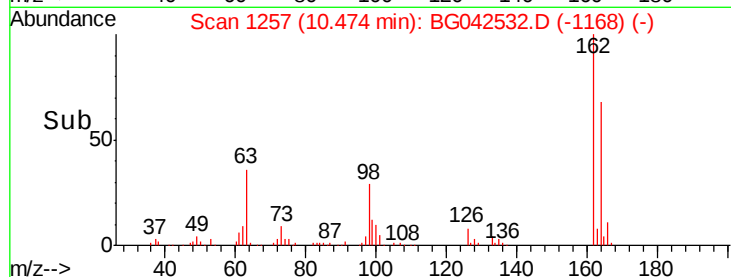
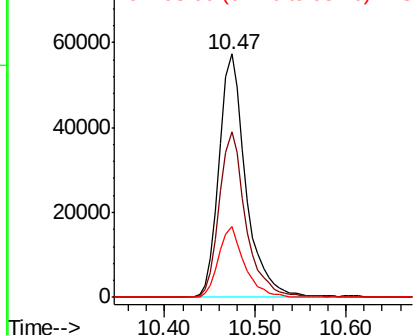


Abundance

Ion 162.00 (161.70 to 162.70): E

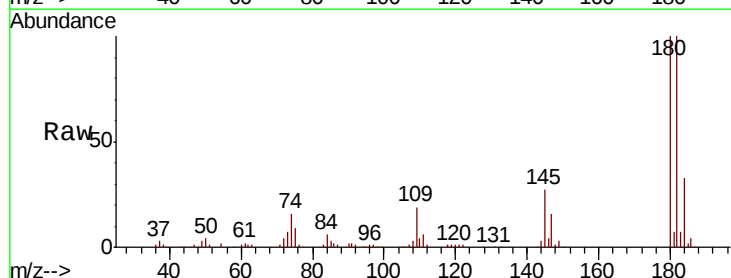
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.260 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	78.7	118.1
145	27.4	21.6	32.4

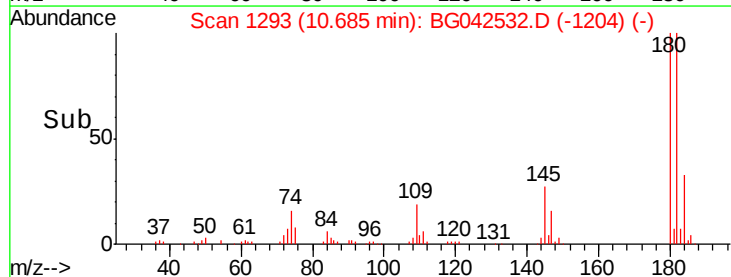
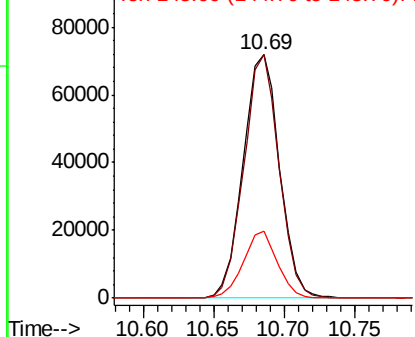


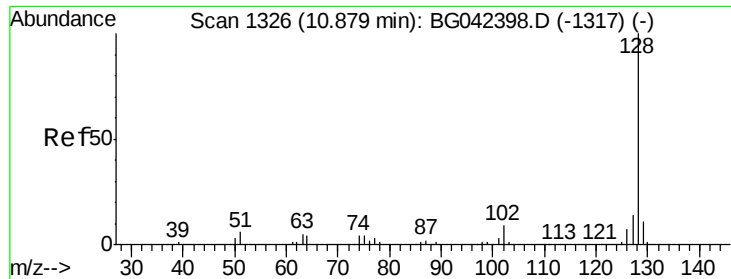
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

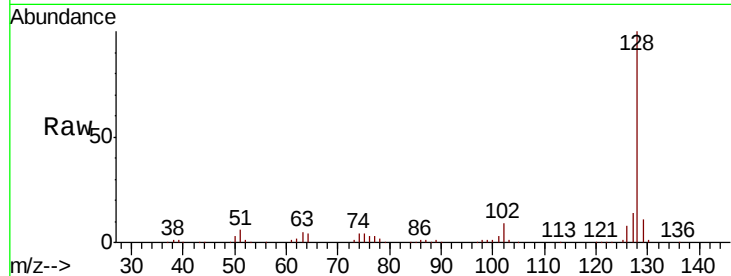




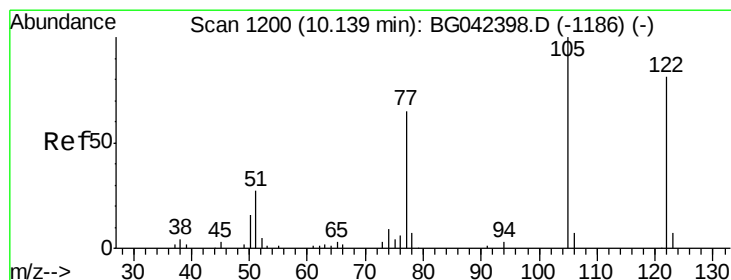
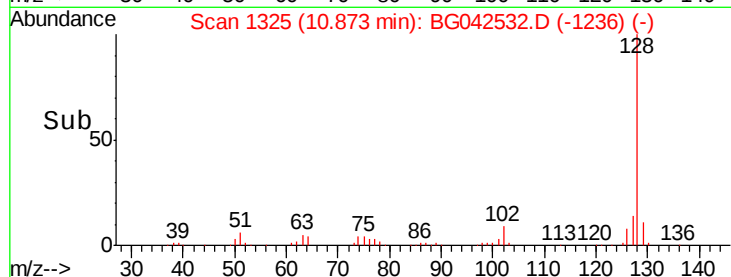
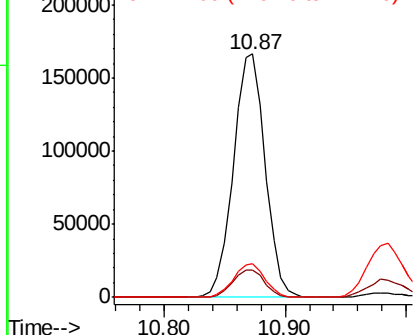
#31
Naphthalene
Concen: 44.411 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 304870
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.1 11.4 17.0

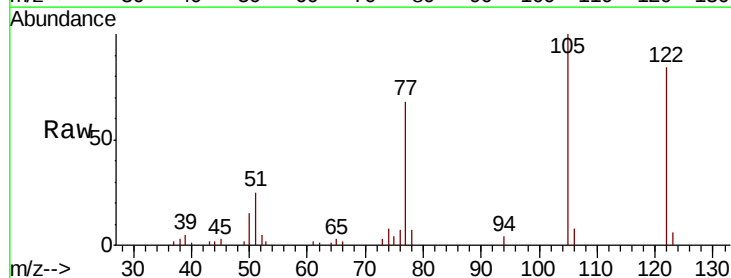


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

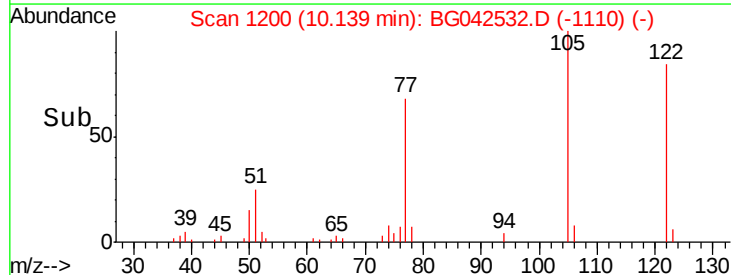
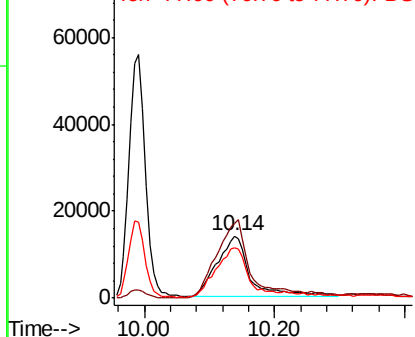


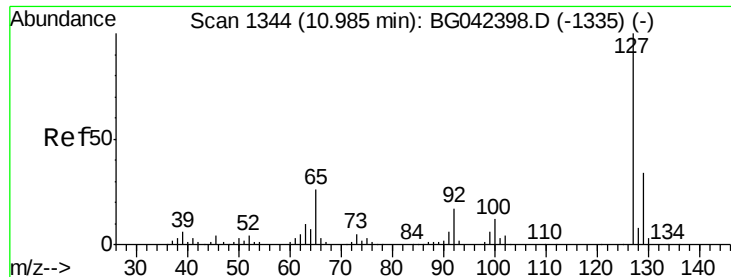
#32
Benzoic acid
Concen: 38.370 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:122 Resp: 49404
Ion Ratio Lower Upper
122 100
105 119.1 99.6 139.6
77 81.6 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

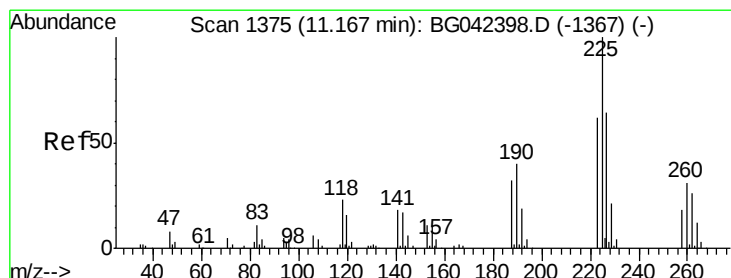
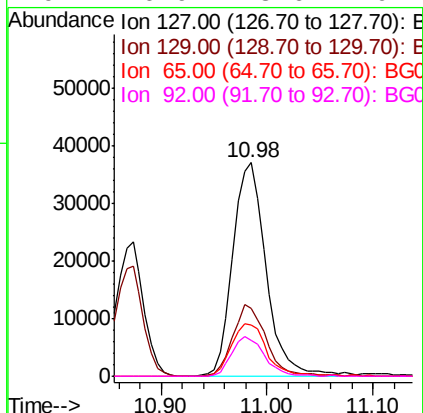
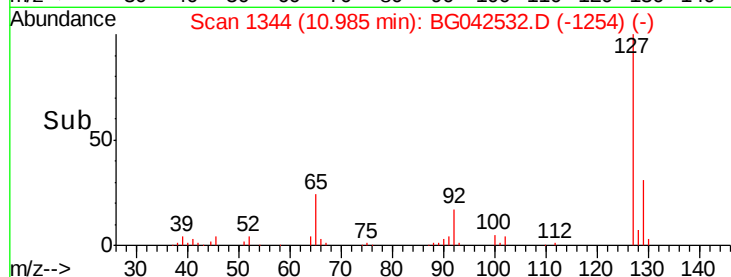
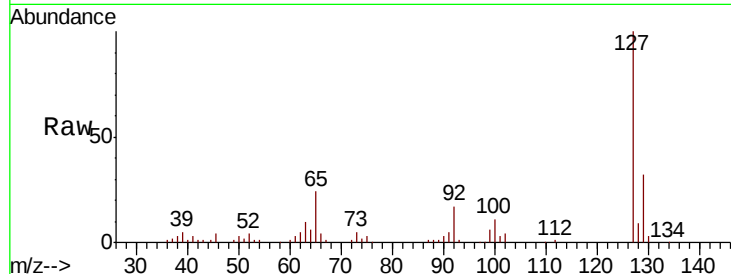




#33
4-Chloroaniline
Concen: 25.491 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

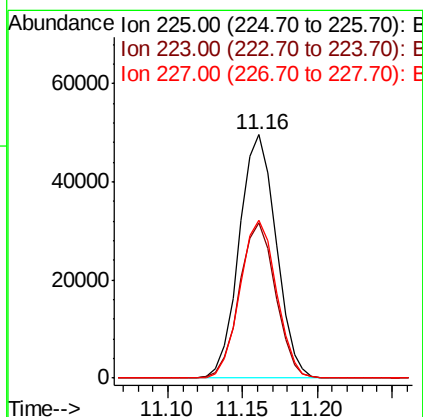
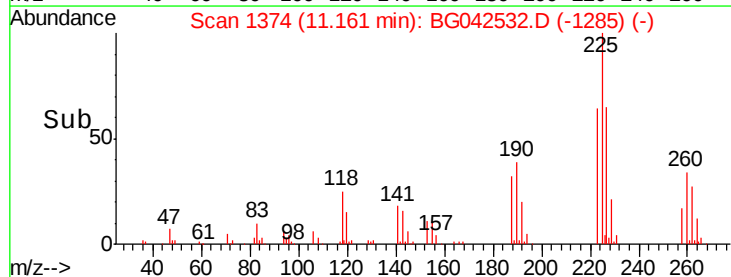
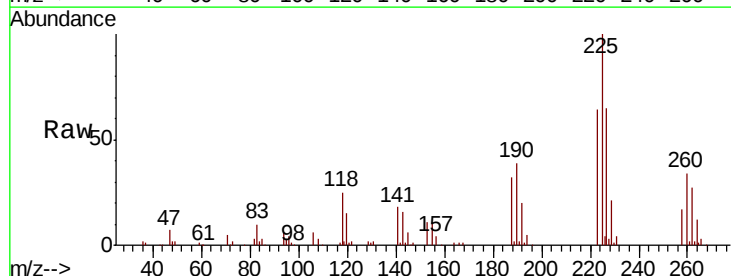
Instrument :
BNA_F
ClientSampleId :

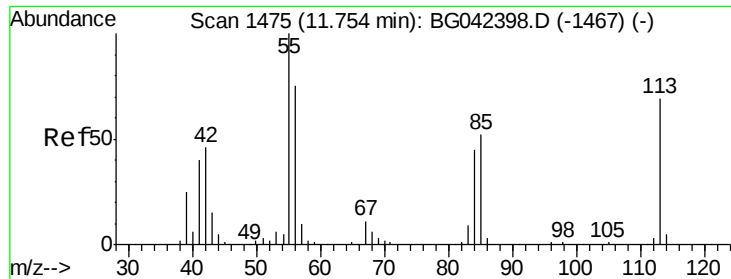
Tot Ion:127	Resp:	80780
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.8 40.2
65	24.2	20.7 31.1
92	16.9	13.6 20.4



#34
Hexachlorobutadiene
Concen: 42.195 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:225	Resp:	85178
Ion Ratio	Lower	Upper
225	100	
223	63.9	49.8 74.6
227	64.7	50.9 76.3





#35

Caprolactam

Concen: 20.873 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

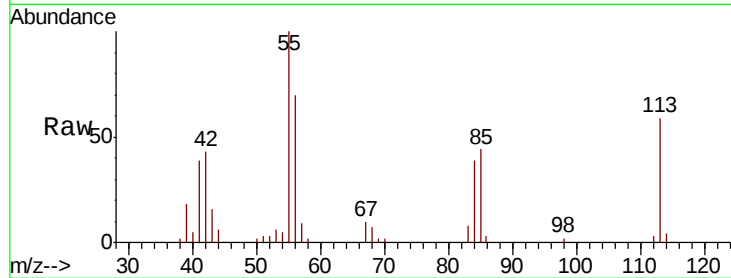
Tot Ion:113 Resp: 17044

Ion Ratio Lower Upper

113 100

55 169.7 124.6 164.6#

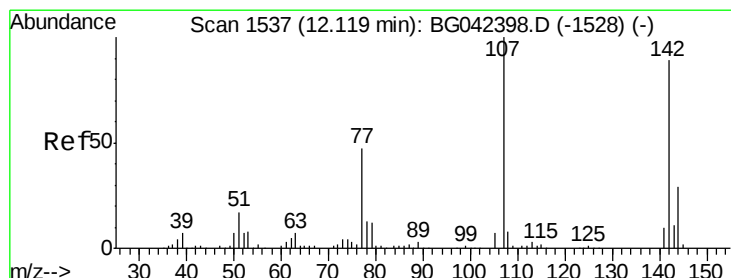
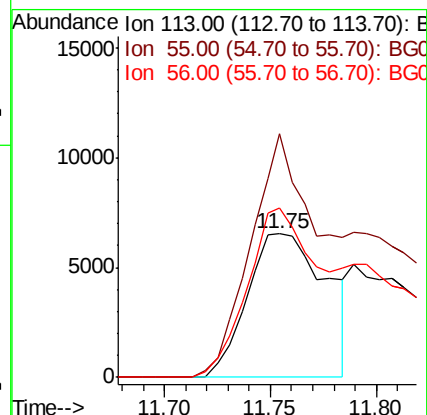
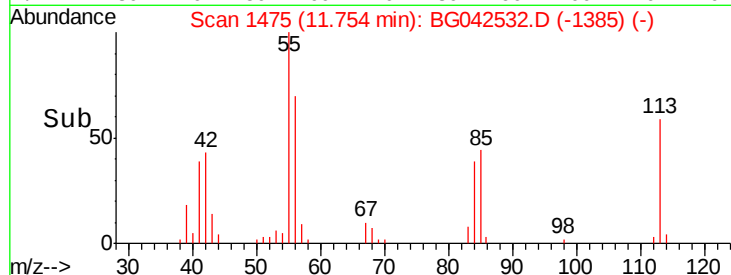
56 118.3 88.3 128.3



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: 45.535 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

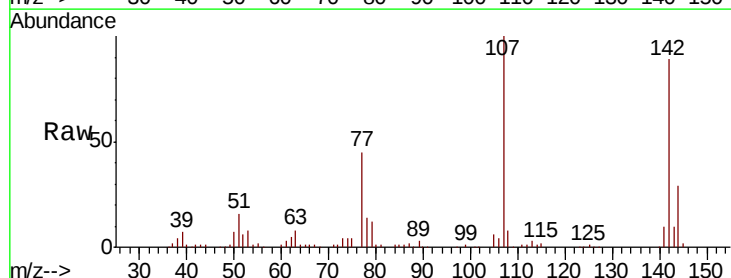
Tgt Ion:107 Resp: 105781

Ion Ratio Lower Upper

107 100

144 28.5 23.6 35.4

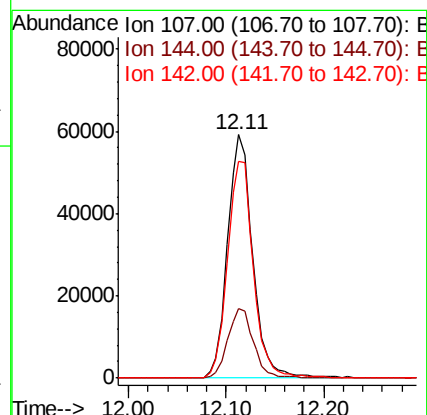
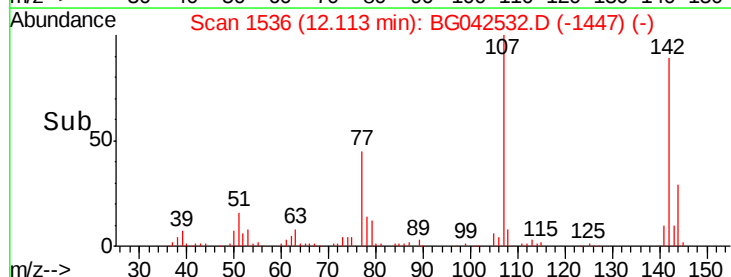
142 89.3 71.0 106.4

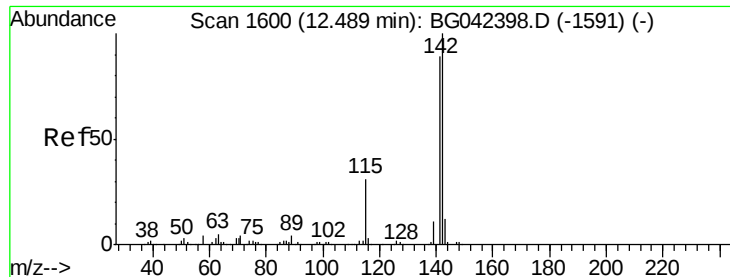


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

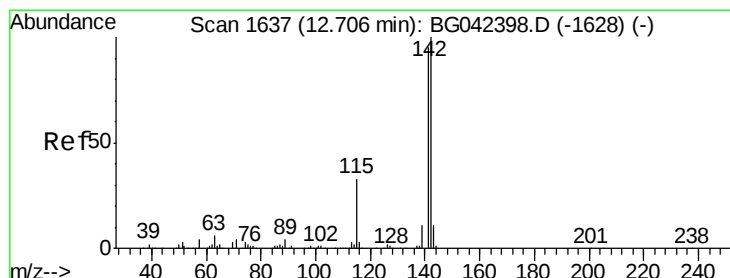
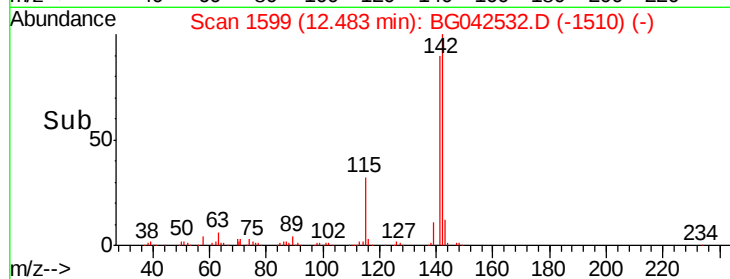
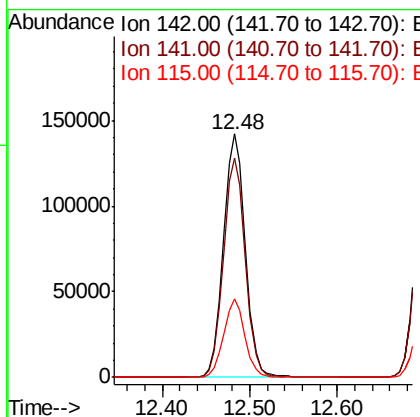
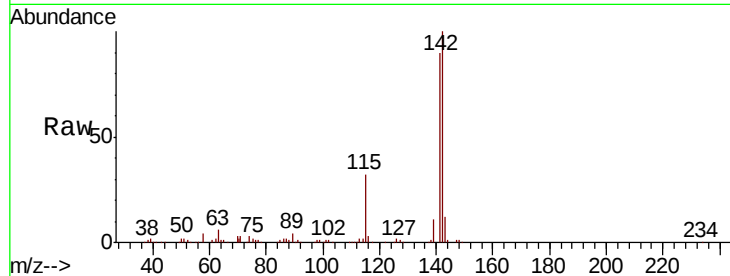




#37
 2-Methylnaphthalene
 Concen: 44.441 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

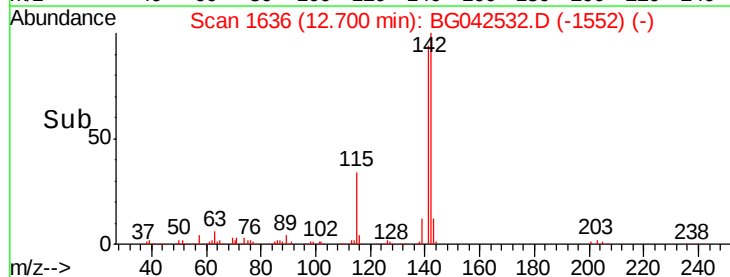
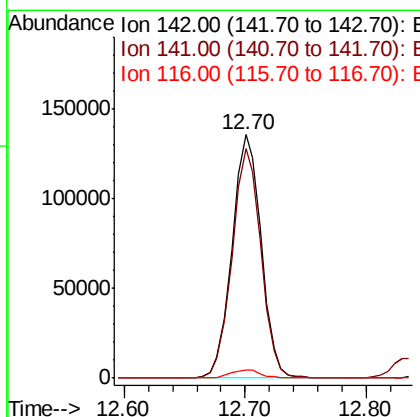
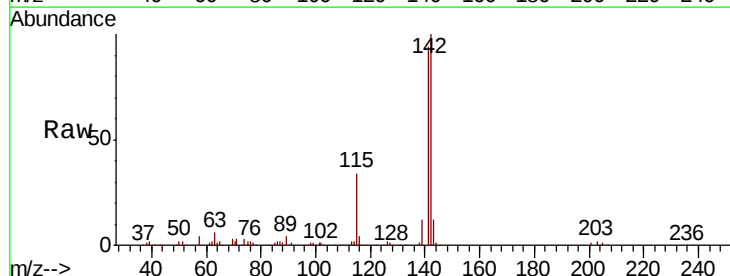
Instrument :
 BNA_F
 ClientSampleId :

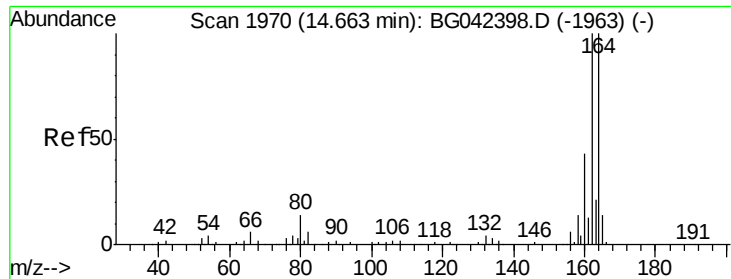
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	32.2	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 43.494 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.5	2.8	4.2

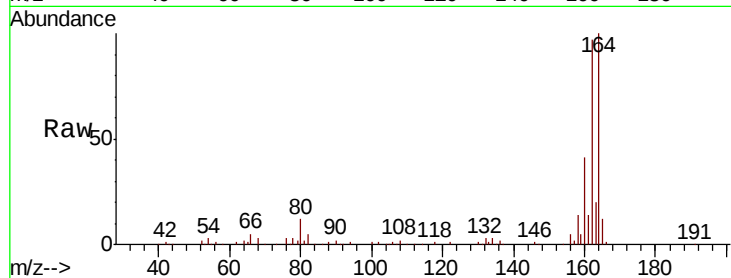




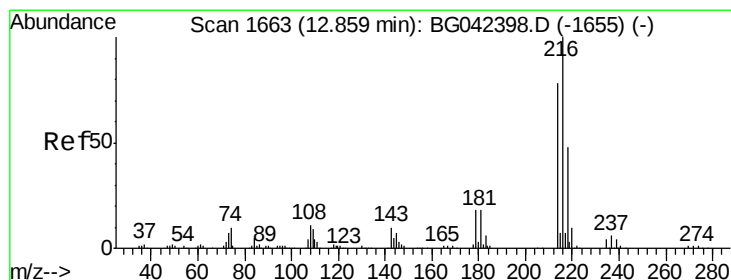
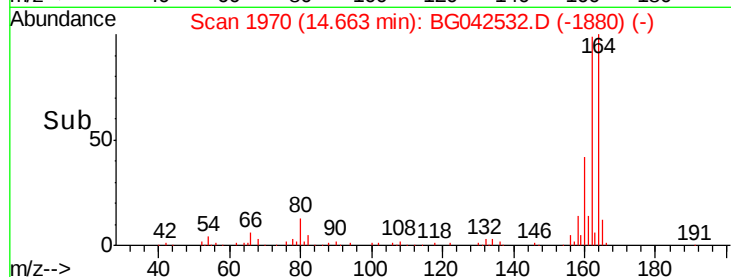
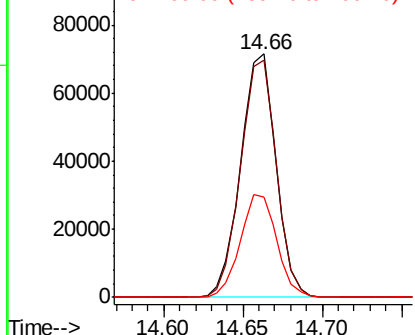
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 110734
 Ion Ratio Lower Upper
 164 100
 162 97.4 79.9 119.9
 160 41.4 34.3 51.5

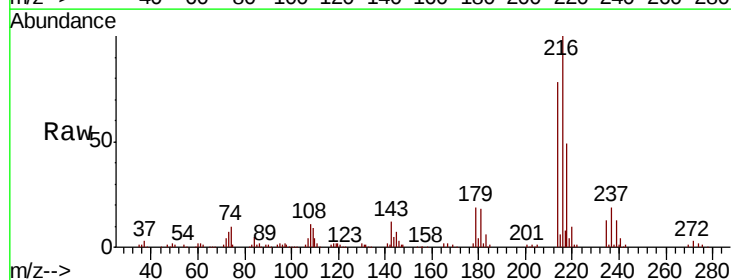


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

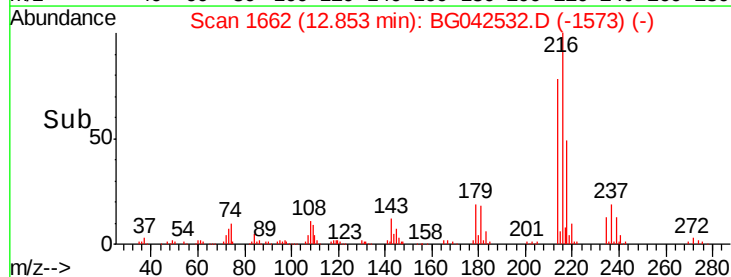
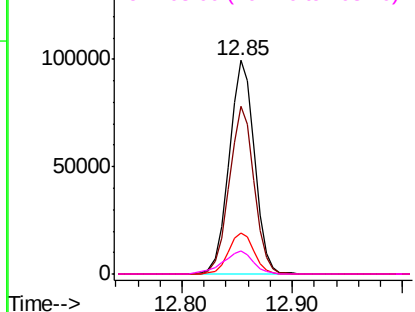


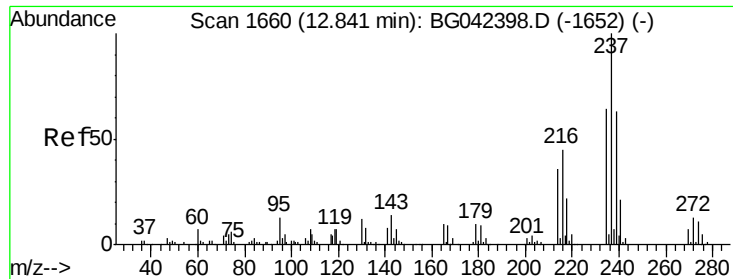
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.928 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:216 Resp: 159767
 Ion Ratio Lower Upper
 216 100
 214 76.9 61.4 92.2
 179 19.1 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

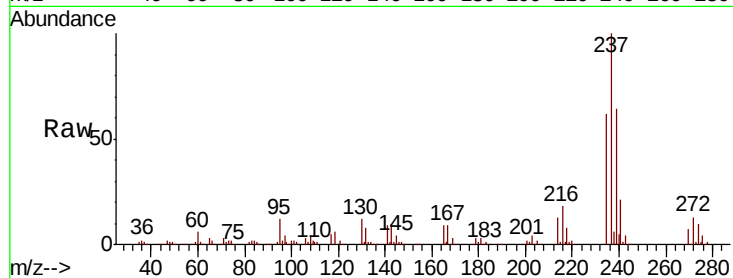




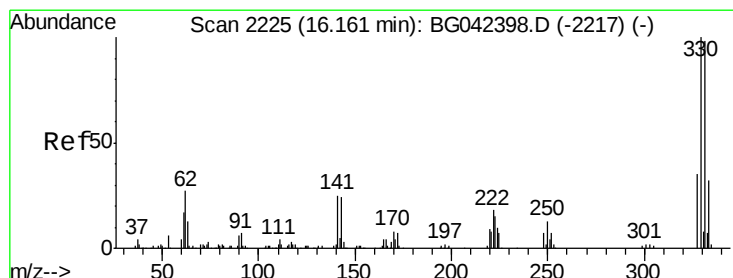
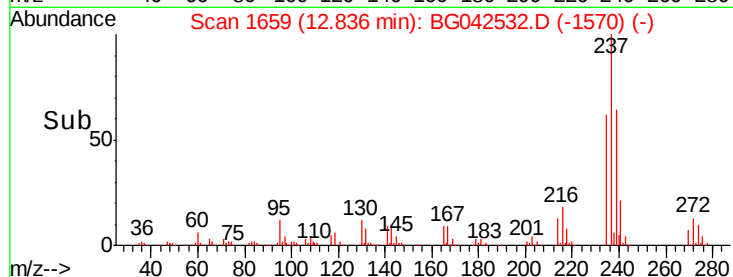
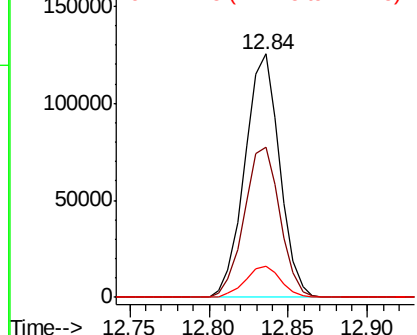
#41
Hexachlorocyclopentadiene
Concen: 102.093 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 190706
Ion Ratio Lower Upper
237 100
235 61.6 43.7 83.7
272 12.9 0.0 33.3

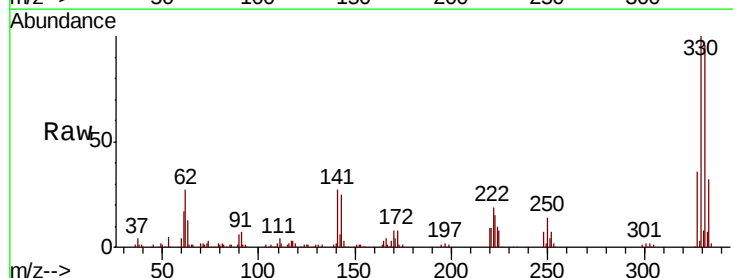


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

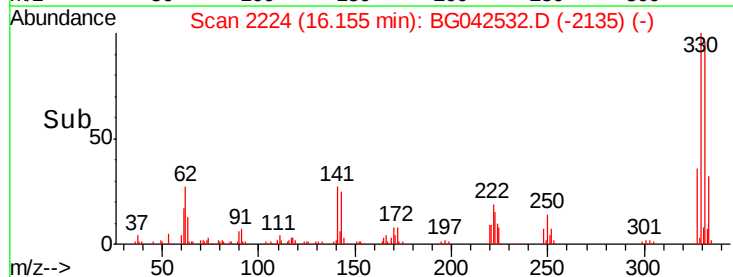
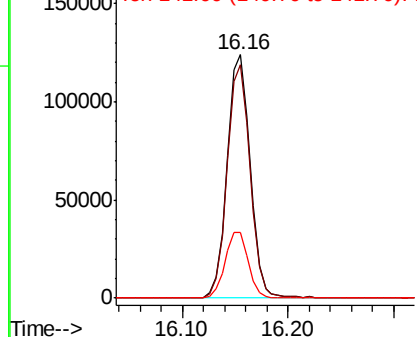


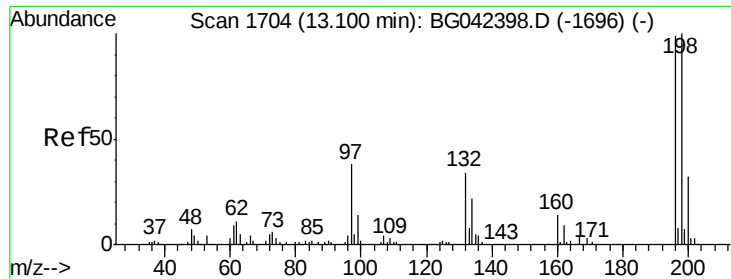
#42
2,4,6-Tribromophenol
Concen: 118.488 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:330 Resp: 186489
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 27.3 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

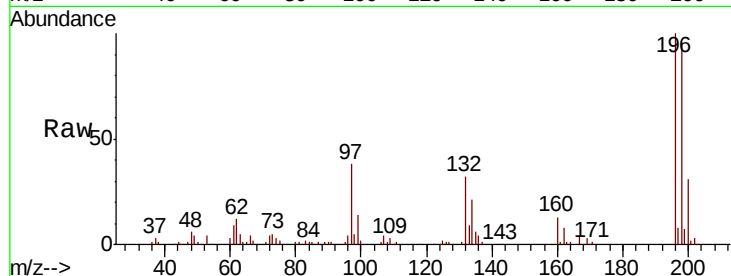




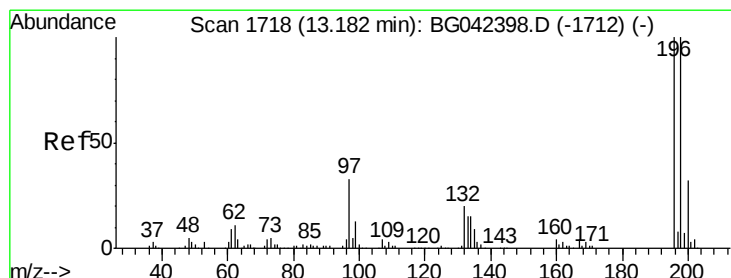
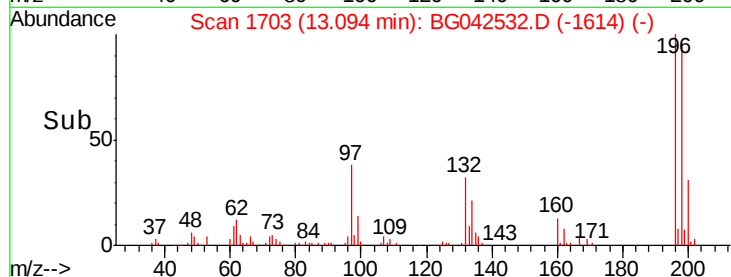
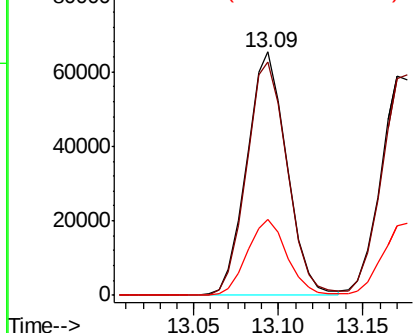
#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 107287
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.7 121.1
 200 31.0 25.7 38.5

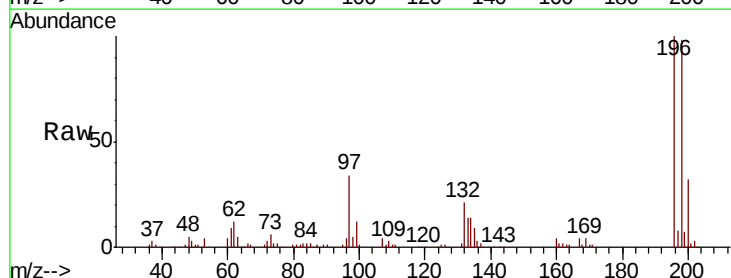


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

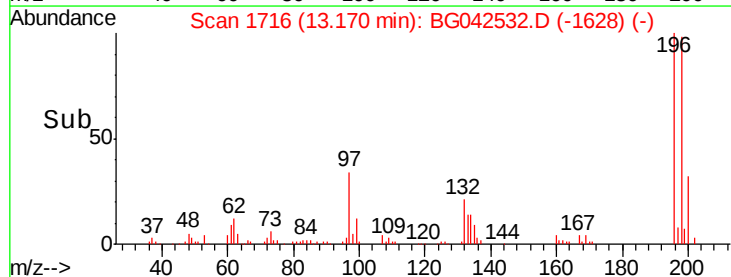
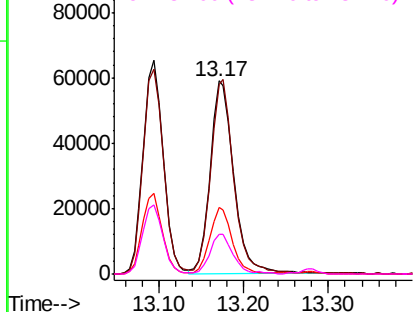


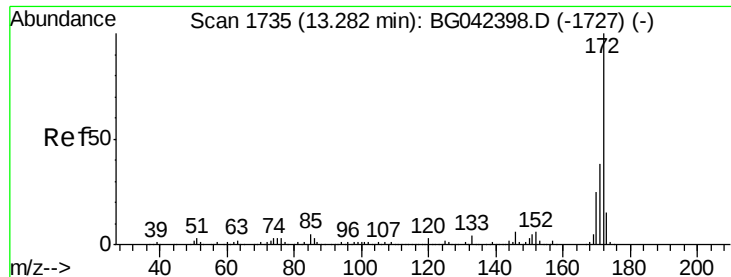
#44
 2,4,5-Trichlorophenol
 Concen: 46.523 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:196 Resp: 115883
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.2 120.4
 97 34.3 26.3 39.5
 132 20.6 16.6 24.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

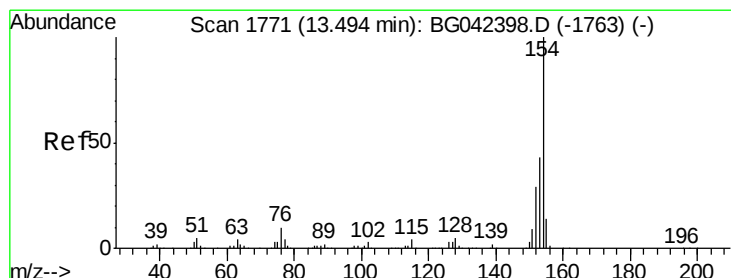
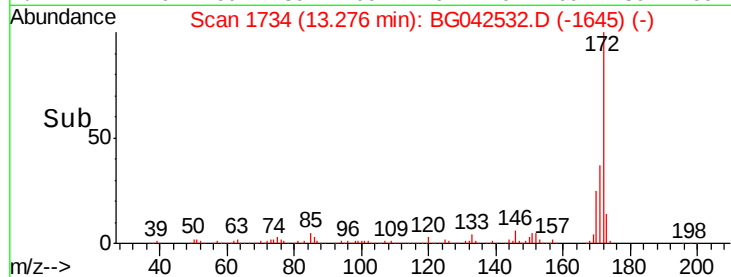
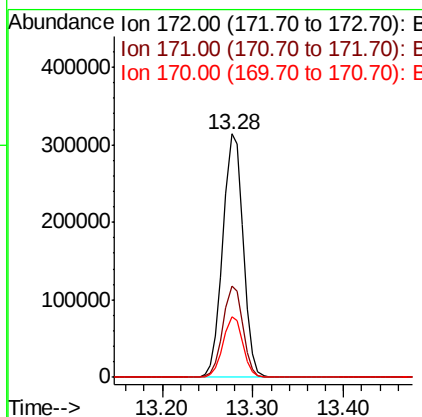
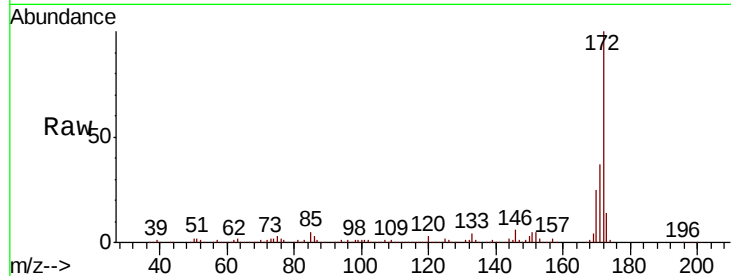




#45
 2-Fluorobiphenyl
 Concen: 74.488 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

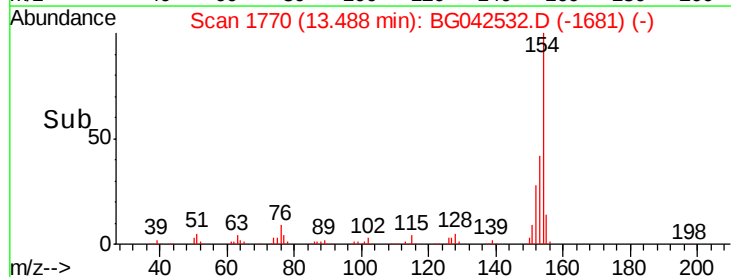
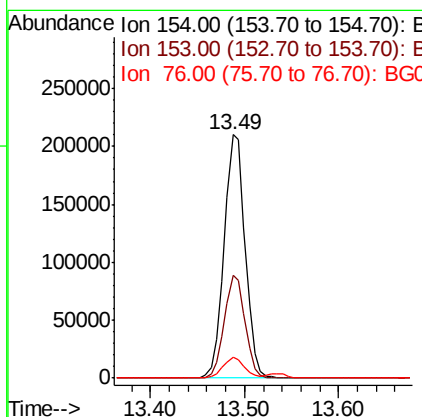
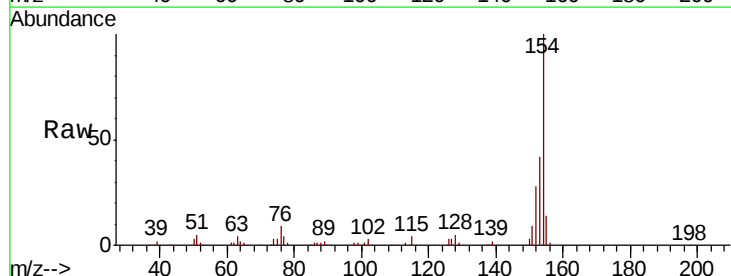
Instrument :
 BNA_F
 ClientSampleId :

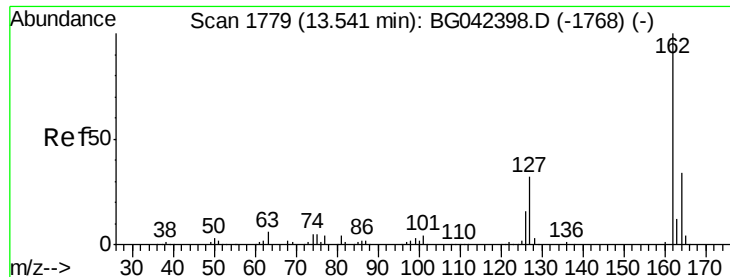
Tot Ion:172 Resp: 487700
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.8 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 45.487 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:154 Resp: 325591
 Ion Ratio Lower Upper
 154 100
 153 42.0 23.0 63.0
 76 8.6 0.0 29.6

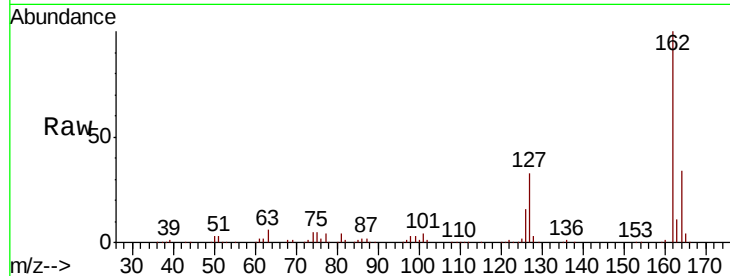




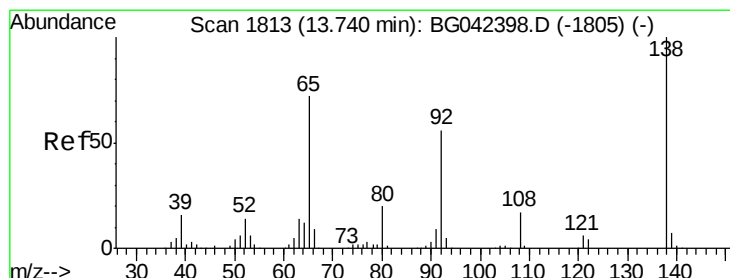
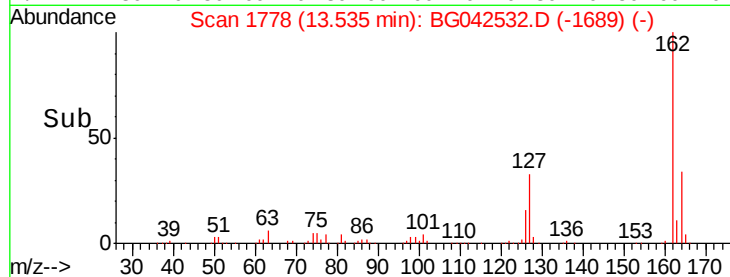
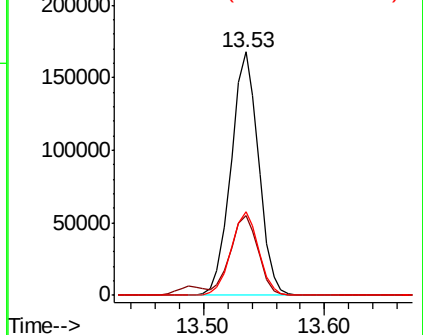
#47
 2-Chloronaphthalene
 Concen: 43.136 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 266239
 Ion Ratio Lower Upper
 162 100
 127 33.0 26.0 39.0
 164 34.2 27.4 41.0

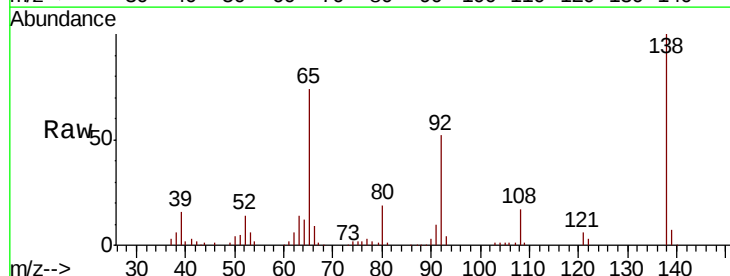


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

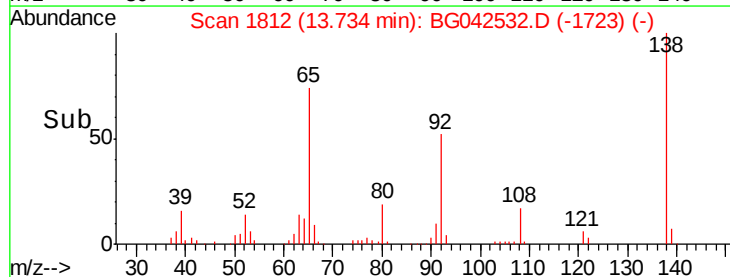
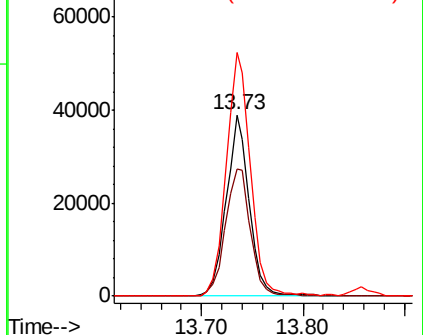


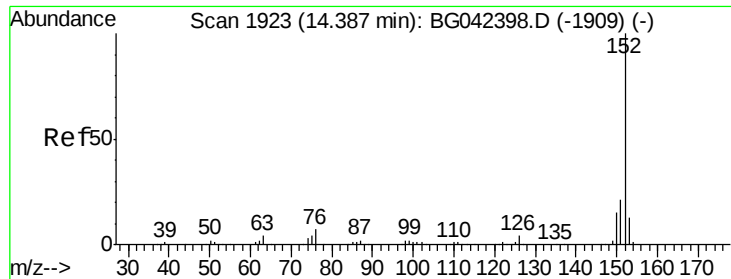
#48
 2-Nitroaniline
 Concen: 41.015 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion: 65 Resp: 61045
 Ion Ratio Lower Upper
 65 100
 92 70.4 61.8 92.6
 138 134.5 111.0 166.6



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: 45.400 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

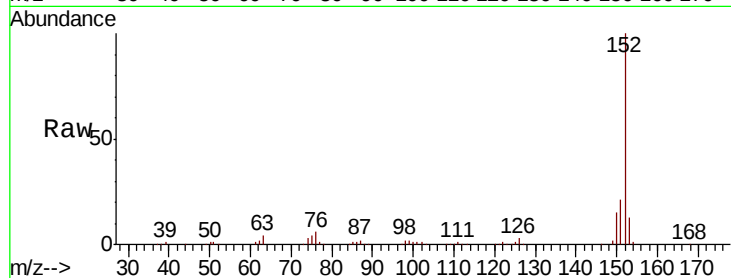
Tot Ion:152 Resp: 421570

Ion Ratio Lower Upper

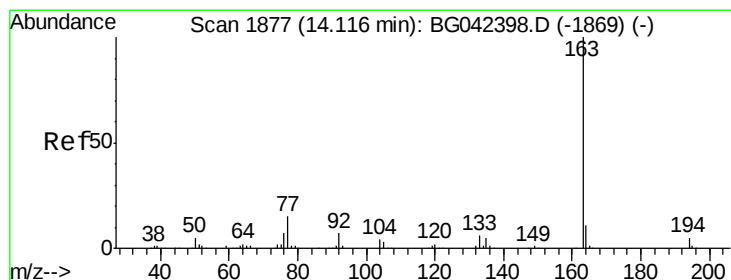
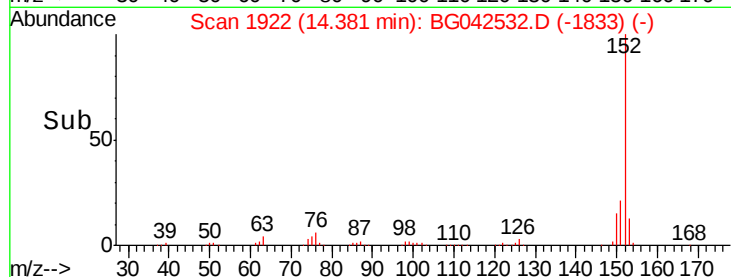
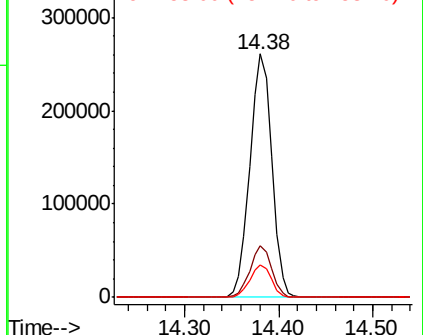
152 100

151 21.0 17.0 25.4

153 13.2 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: 43.108 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

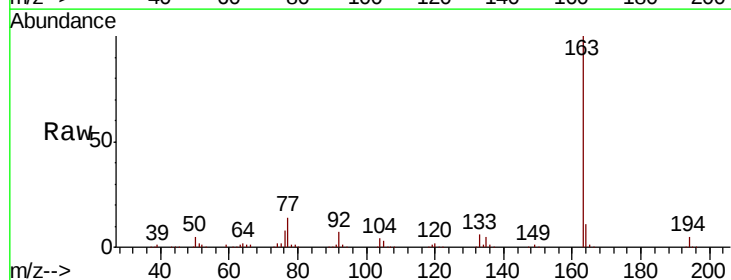
Tgt Ion:163 Resp: 344431

Ion Ratio Lower Upper

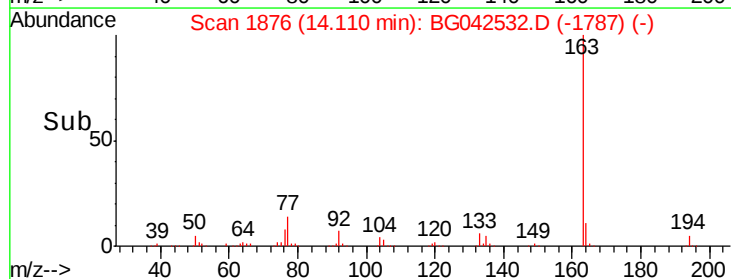
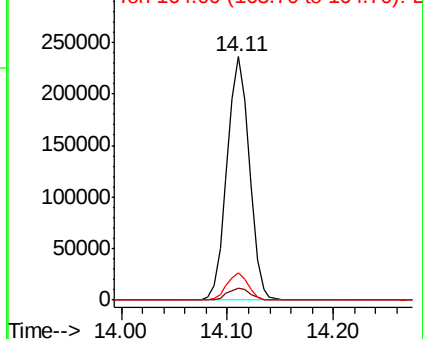
163 100

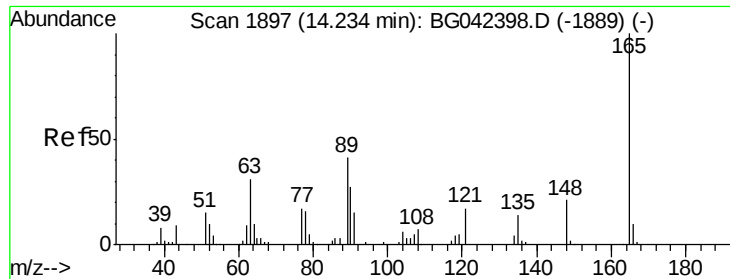
194 5.0 4.2 6.2

164 11.0 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

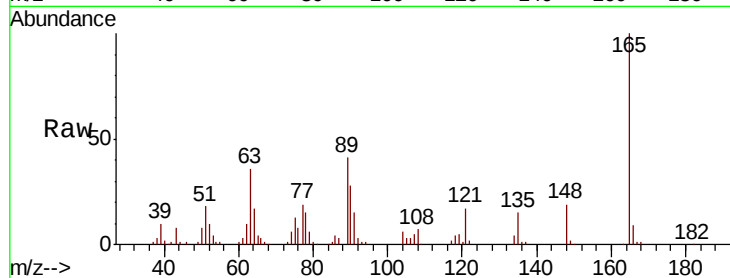




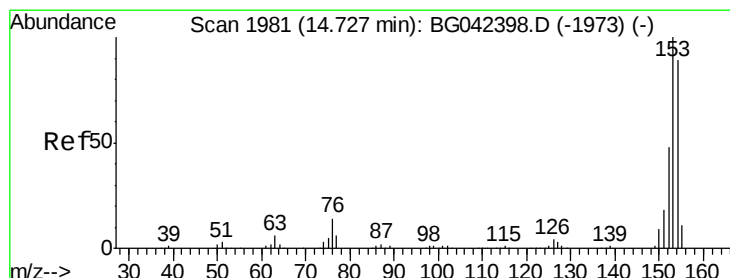
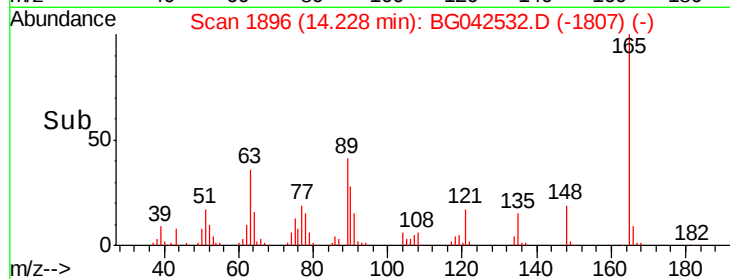
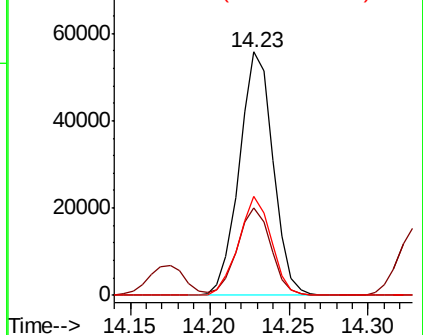
#51
2,6-Dinitrotoluene
Concen: 44.434 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	30.6	45.8
89	40.6	32.6	49.0

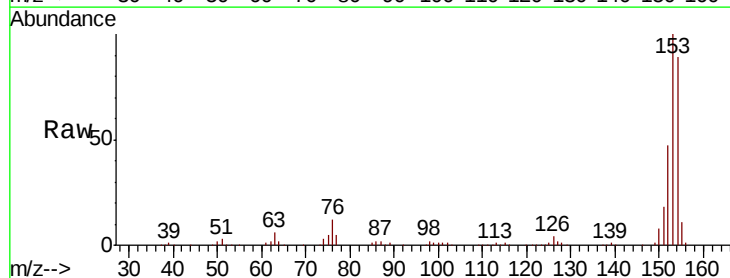


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

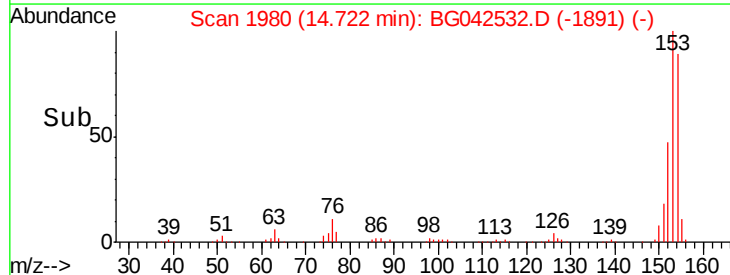
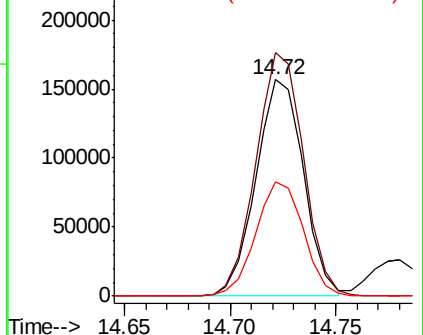


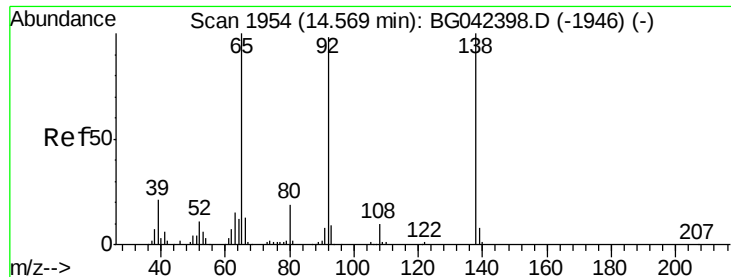
#52
Acenaphthene
Concen: 43.469 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.4
152	52.8	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

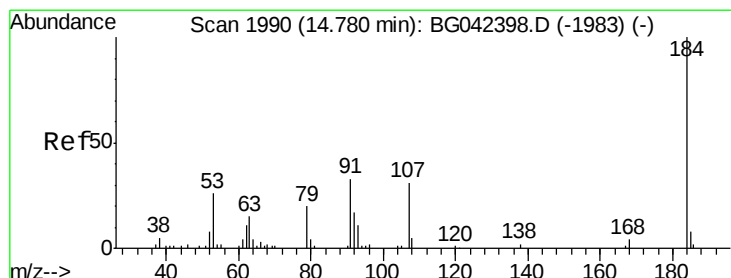
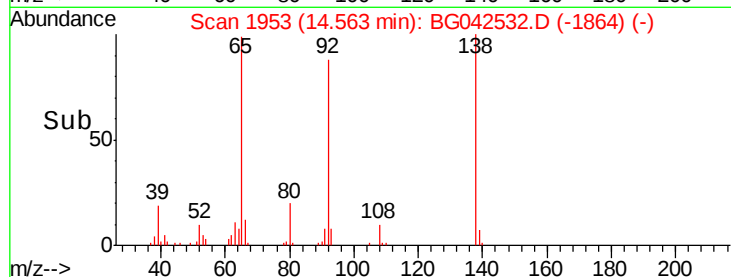
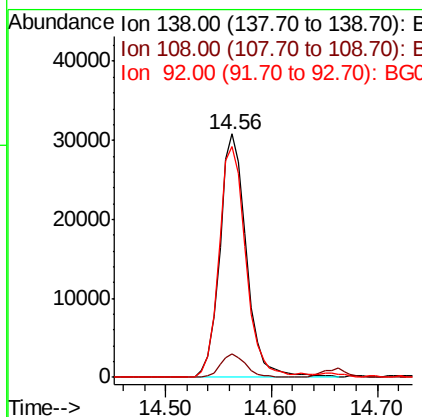
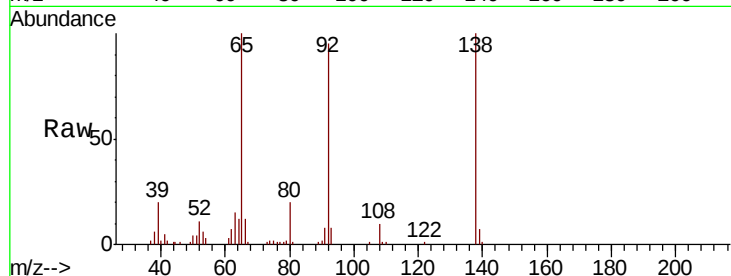




#53
 3-Nitroaniline
 Concen: 28.979 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

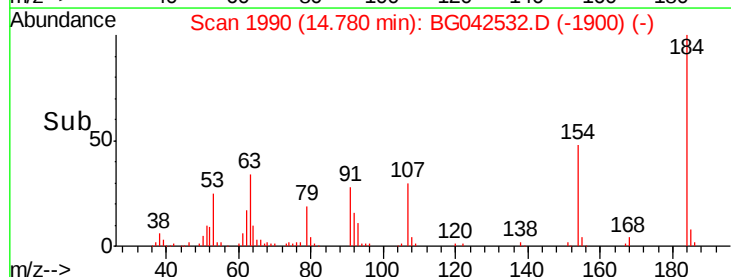
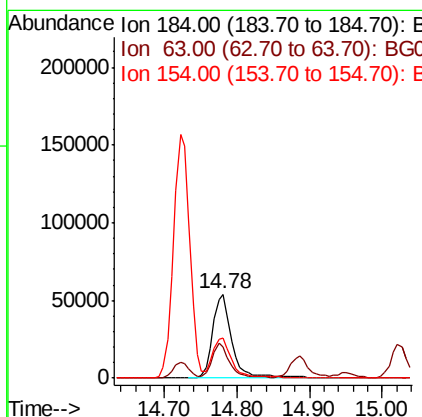
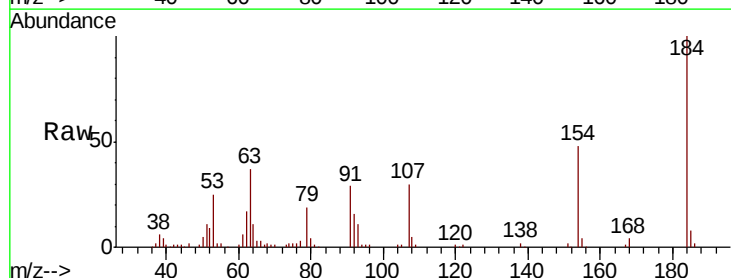
Instrument :
 BNA_F
 ClientSampleId :

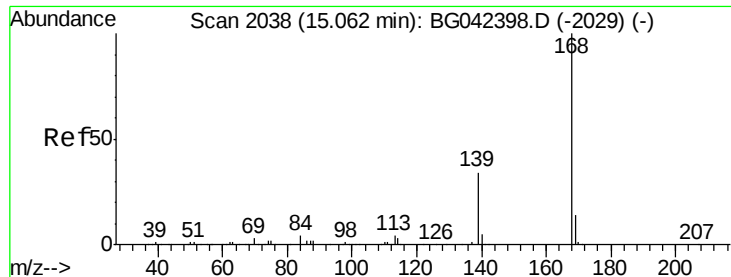
Tot Ion:138 Resp: 53675
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.3 12.5
 92 94.7 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 80.537 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:184 Resp: 100600
 Ion Ratio Lower Upper
 184 100
 63 36.6 31.7 47.5
 154 48.1 42.0 63.0

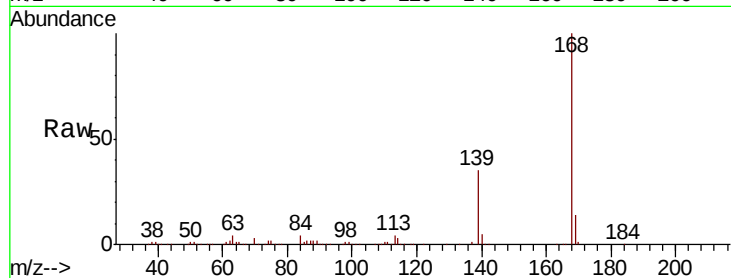




#55
Dibenzenofuran
Concen: 44.985 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	27.2	40.8
169	14.4	11.5	17.3

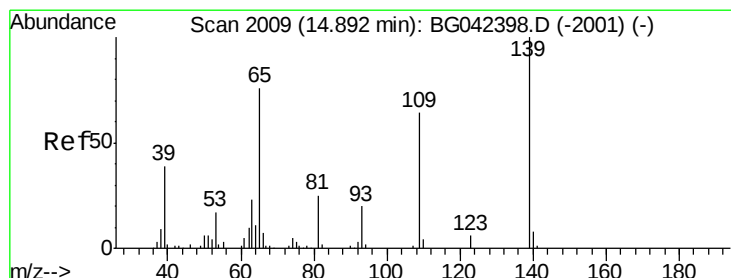
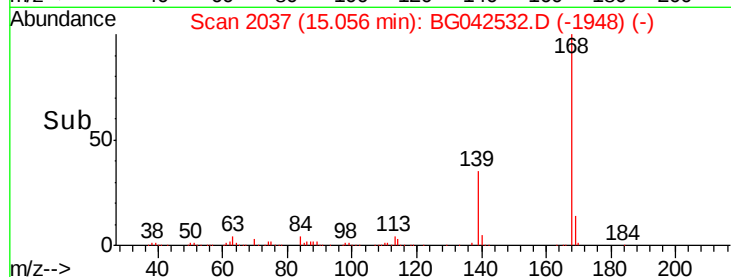
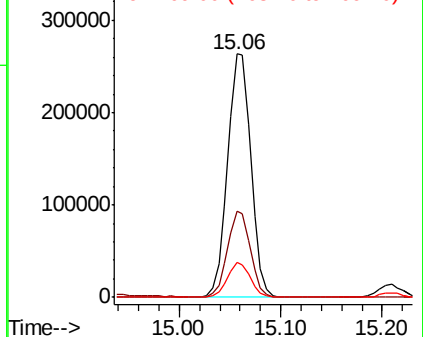


Abundance

Ion 168.00 (167.70 to 168.70): E

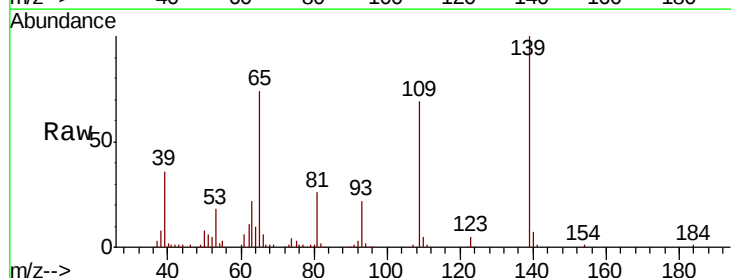
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.067 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	43.9	83.9
65	73.6	56.3	96.3

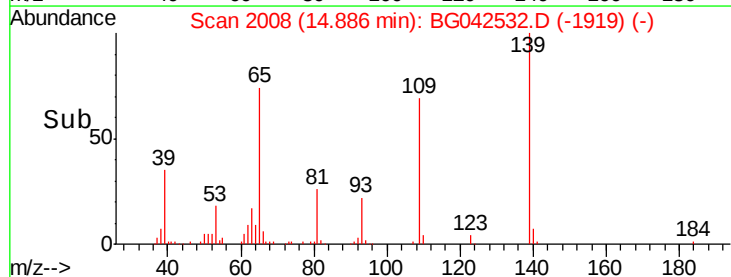
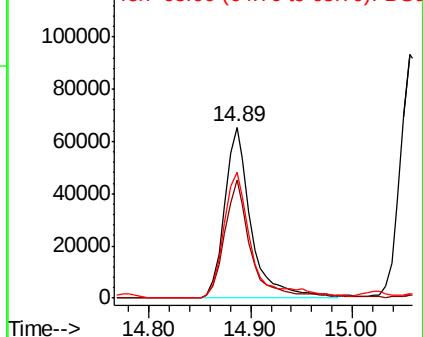


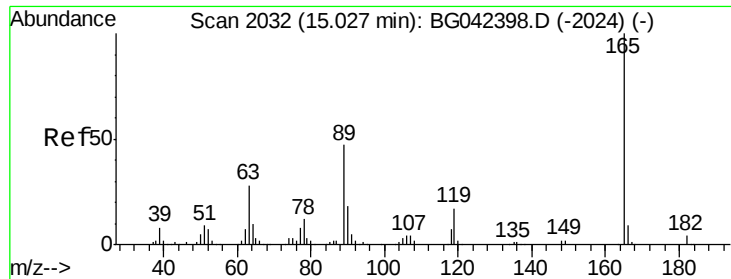
Abundance

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

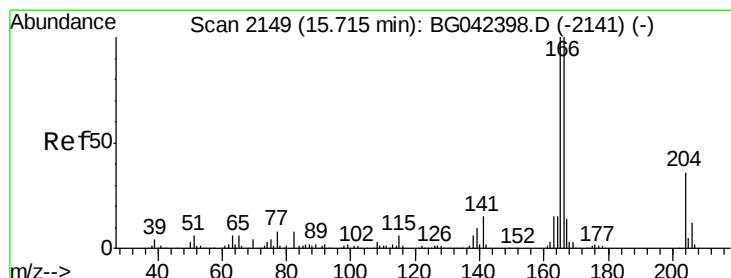
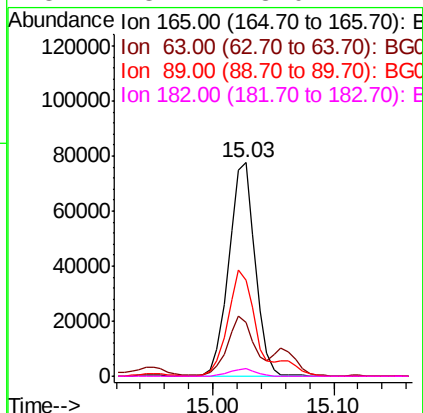
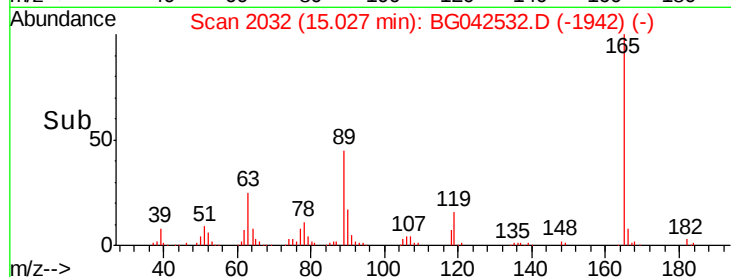
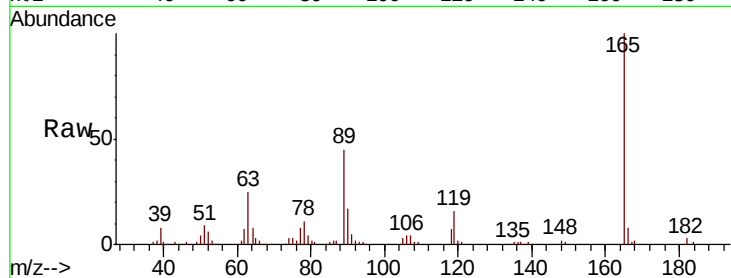




#57
 2,4-Dinitrotoluene
 Concen: 44.175 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

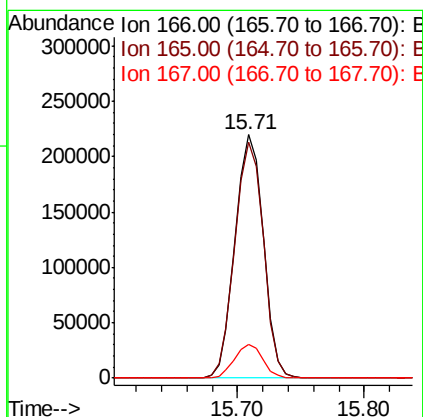
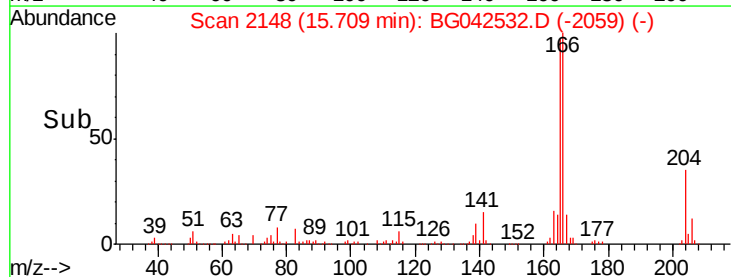
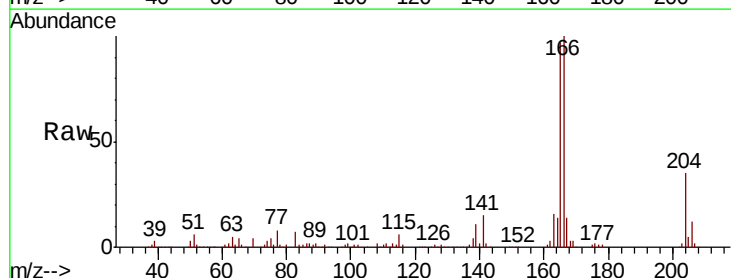
Instrument :
 BNA_F
 ClientSampleId :

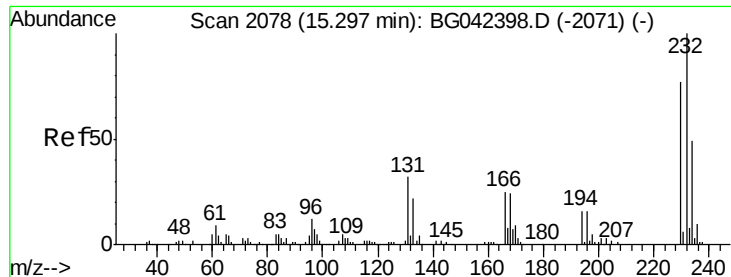
Tot Ion:165	Resp:	117154
Ion	Ratio	Lower Upper
165	100	
63	25.4	22.5 33.7
89	44.9	37.8 56.6
182	3.4	3.0 4.4



#58
 Fluorene
 Concen: 44.513 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:166	Resp:	339604
Ion	Ratio	Lower Upper
166	100	
165	96.9	79.7 119.5
167	13.8	10.9 16.3

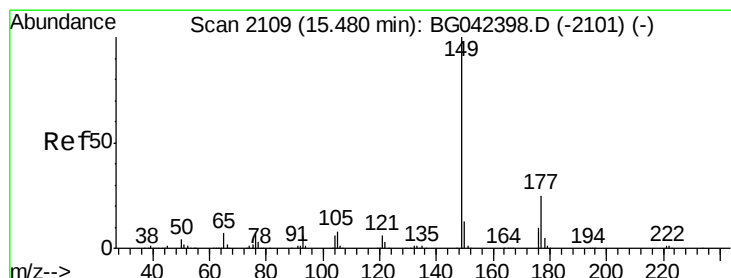
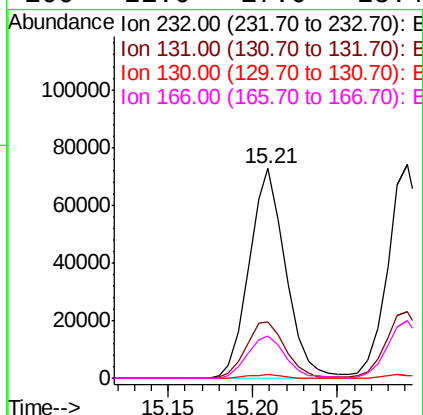
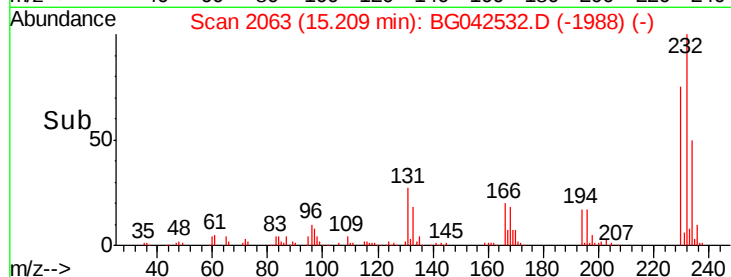
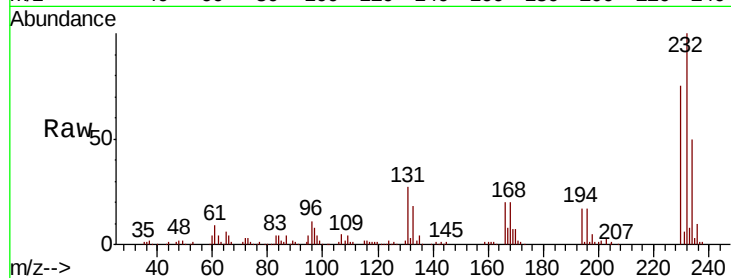




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.176 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

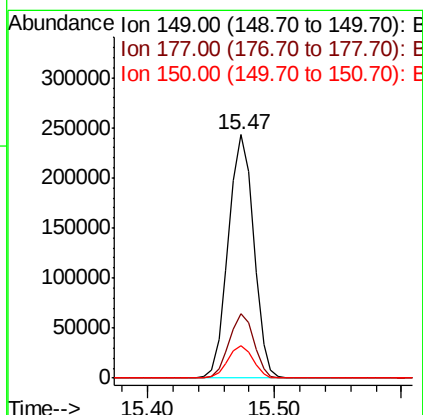
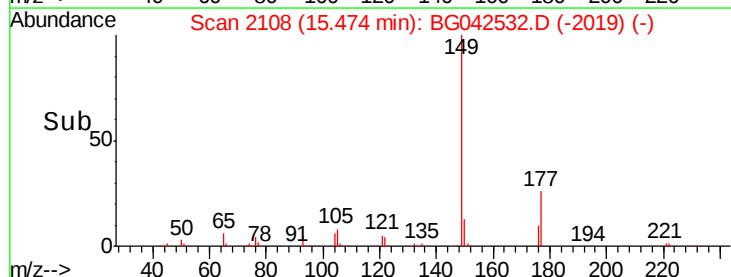
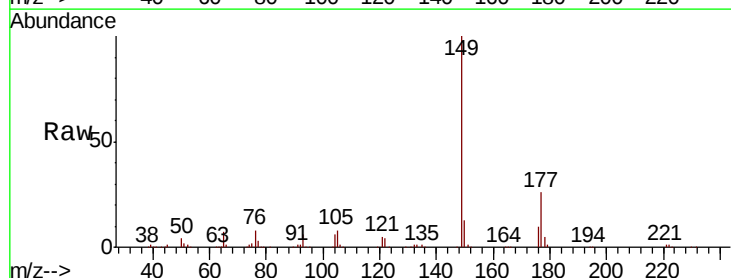
Instrument :
 BNA_F
 ClientSampled :

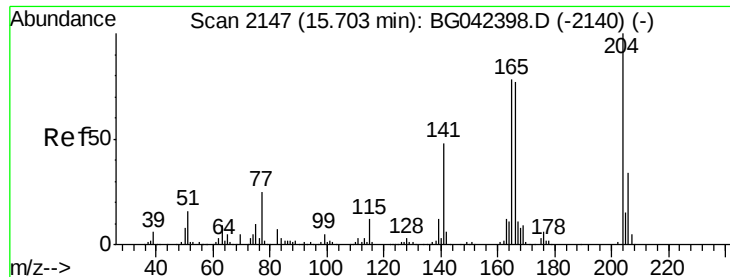
Tot Ion:232	Resp:	108817
Ion Ratio	Lower	Upper
232	100	
131	29.1	22.9 34.3
130	1.8	1.4 2.0
166	21.0	17.0 25.4



#60
 Diethylphthalate
 Concen: 43.095 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:149	Resp:	336597
Ion Ratio	Lower	Upper
149	100	
177	26.5	20.4 30.6
150	13.1	10.3 15.5

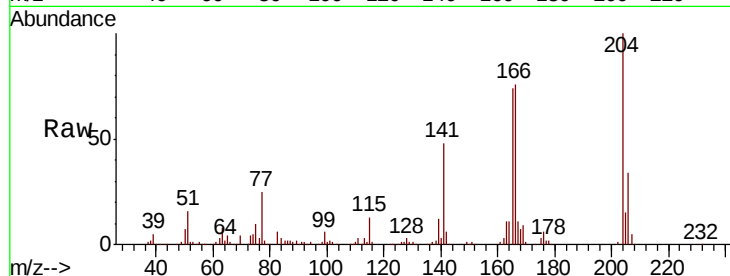




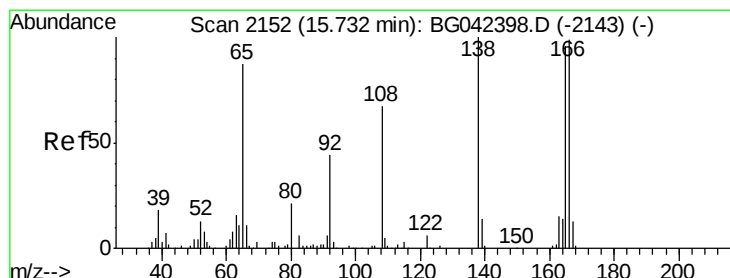
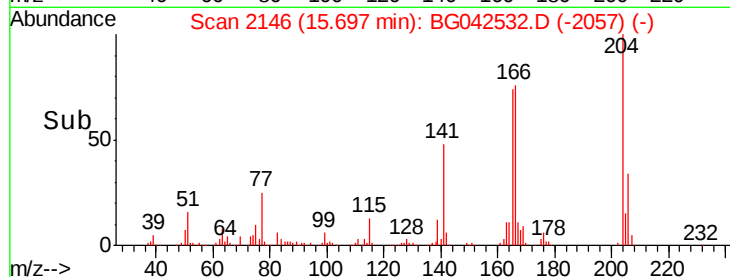
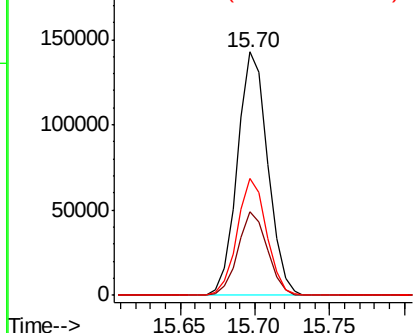
#61
 4-Chlorophenyl-phenylether
 Concen: 43.788 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 201381
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.2 40.8
 141 47.8 38.7 58.1

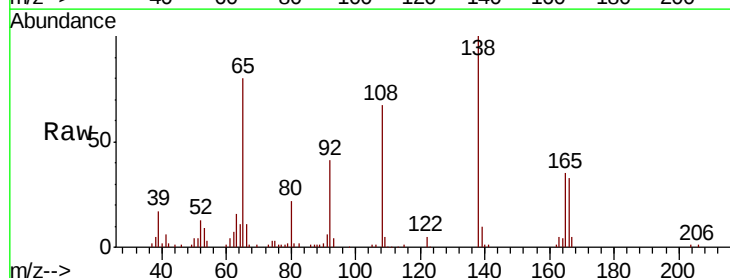


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

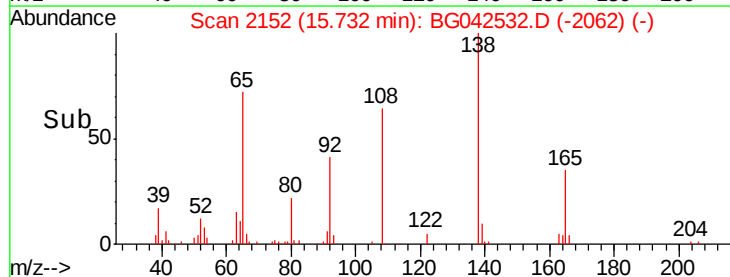
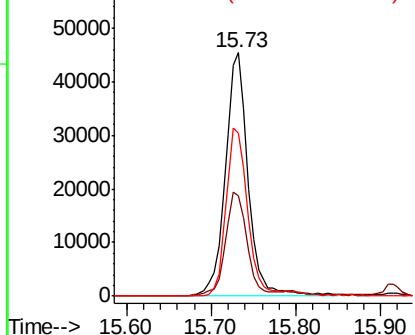


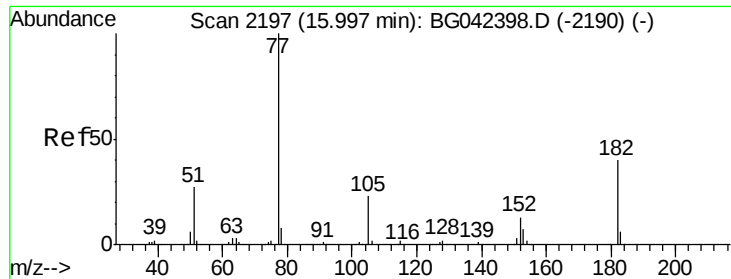
#62
 4-Nitroaniline
 Concen: 42.248 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:138 Resp: 83747
 Ion Ratio Lower Upper
 138 100
 92 41.0 24.2 64.2
 108 67.0 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

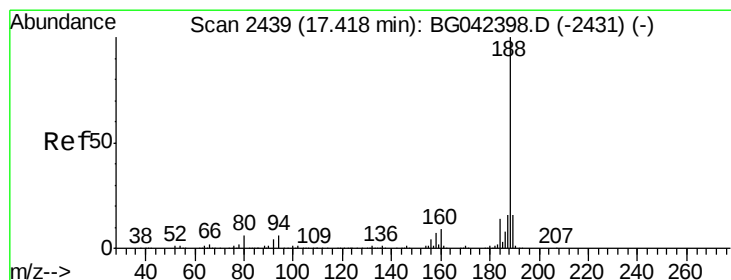
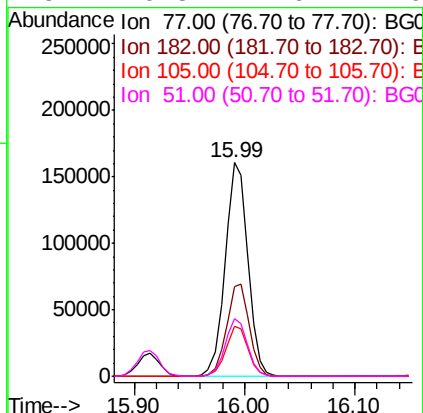
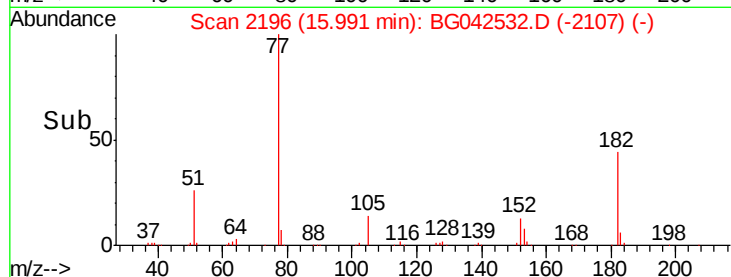
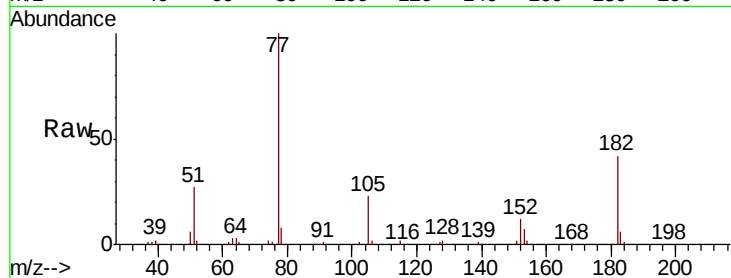




#63
Azobenzene
Concen: 43.086 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

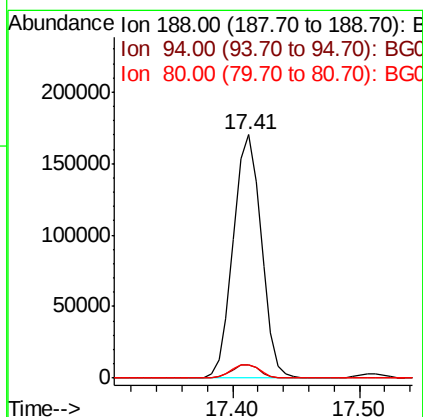
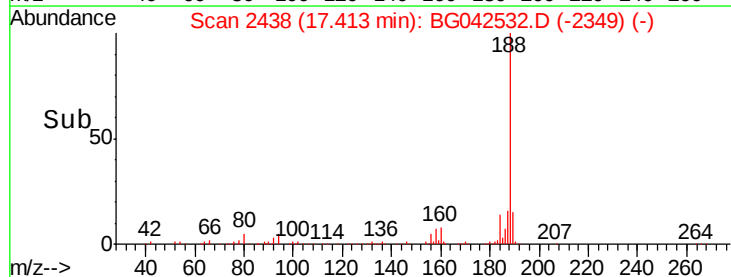
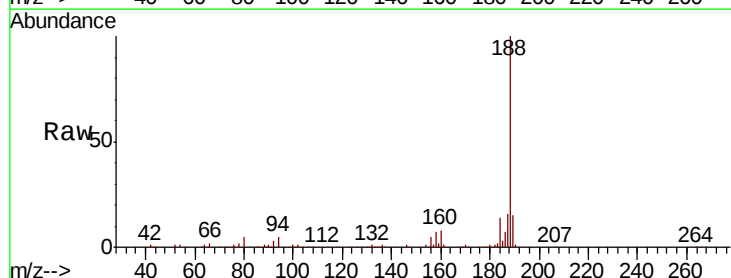
Instrument :
BNA_F
ClientSampled :

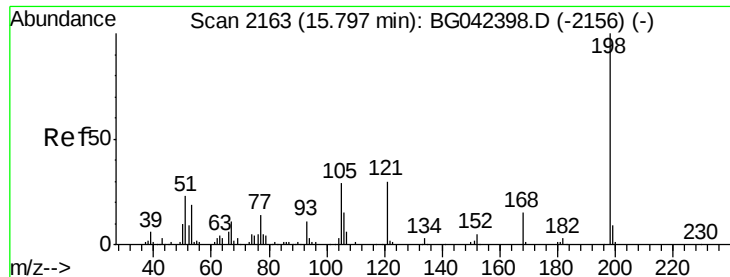
Tot Ion:	77	Resp:	230595
Ion	Ratio	Lower	Upper
77	100		
182	41.7	19.9	59.9
105	23.4	2.9	42.9
51	26.8	7.6	47.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:	188	Resp:	260985
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.5	6.7
80	5.5	4.9	7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 47.198 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

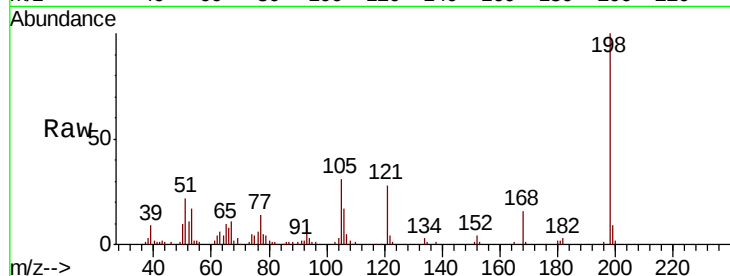
Tot Ion:198 Resp: 77228

Ion Ratio Lower Upper

198 100

51 22.2 4.2 44.2

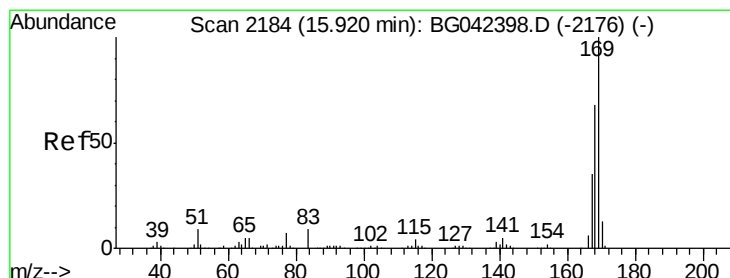
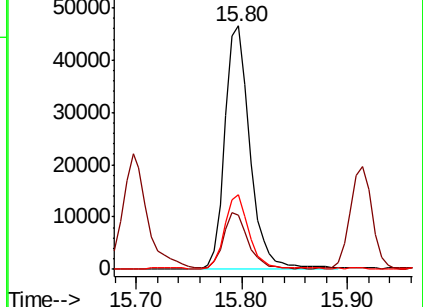
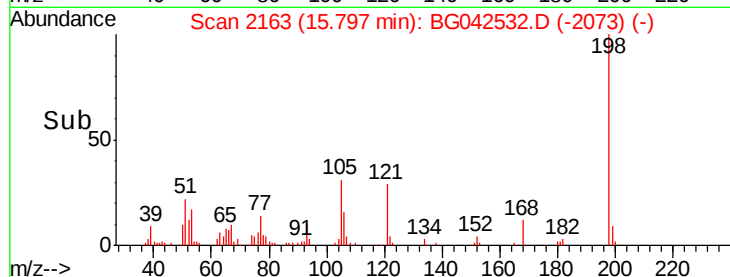
105 30.8 8.8 48.8



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: 44.233 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

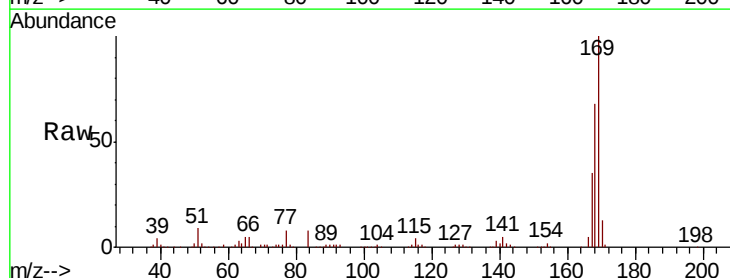
Tgt Ion:169 Resp: 317473

Ion Ratio Lower Upper

169 100

168 67.5 54.3 81.5

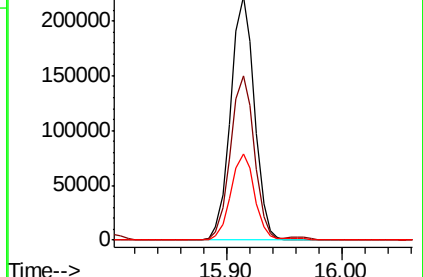
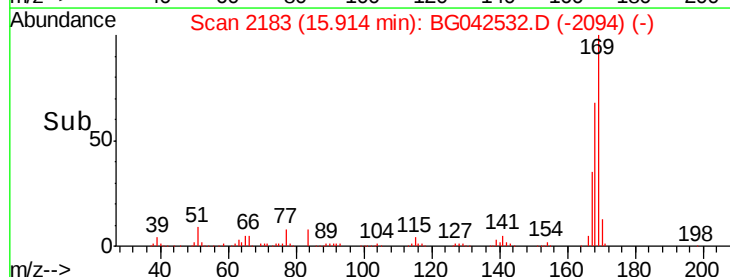
167 35.3 28.2 42.2

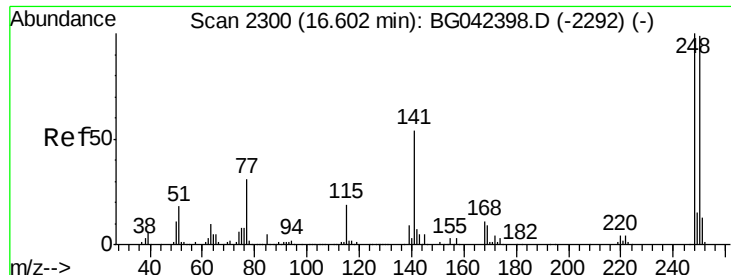


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.688 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

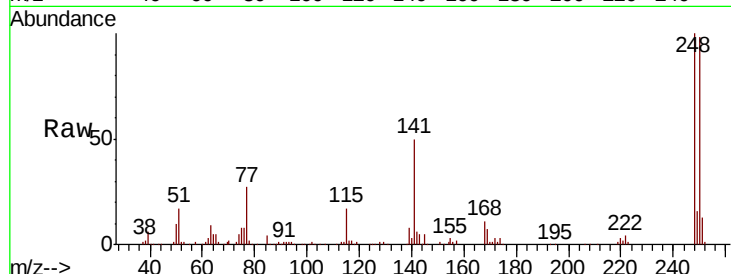
Tot Ion:248 Resp: 141316

Ion Ratio Lower Upper

248 100

250 98.5 78.9 118.3

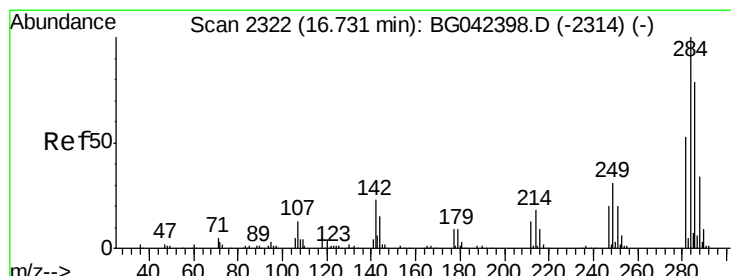
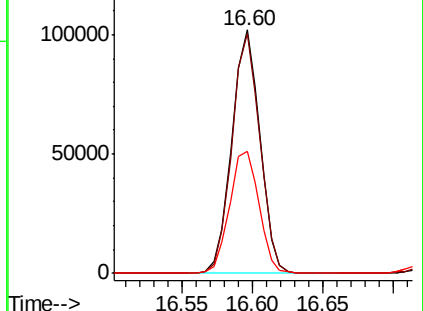
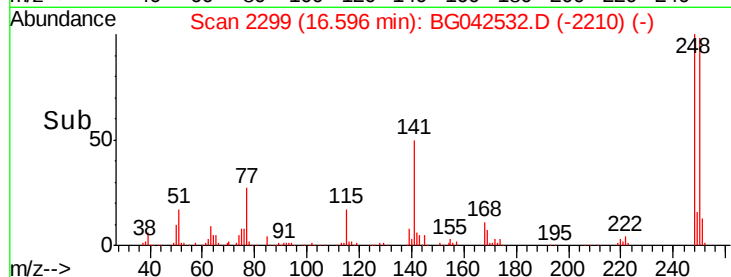
141 50.2 43.3 64.9



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: 41.264 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

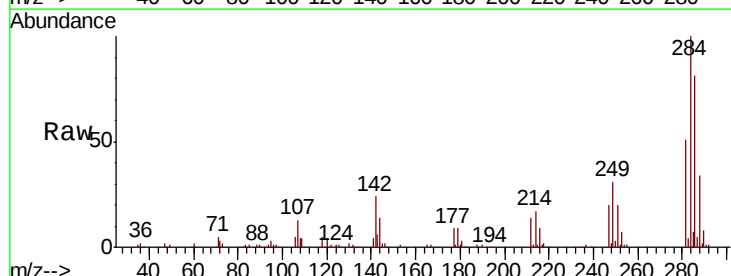
Tgt Ion:284 Resp: 148495

Ion Ratio Lower Upper

284 100

142 23.9 18.2 27.4

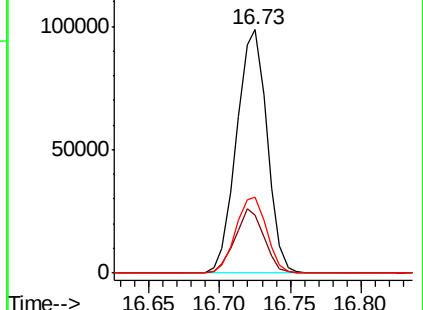
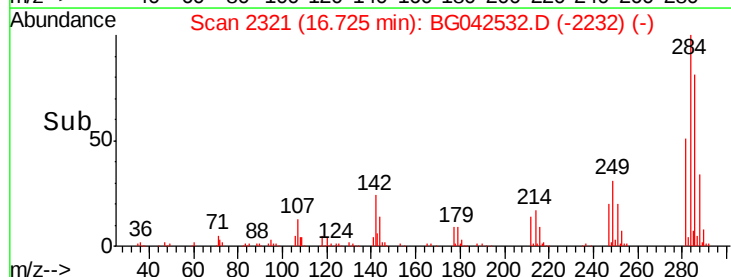
249 31.4 25.0 37.4

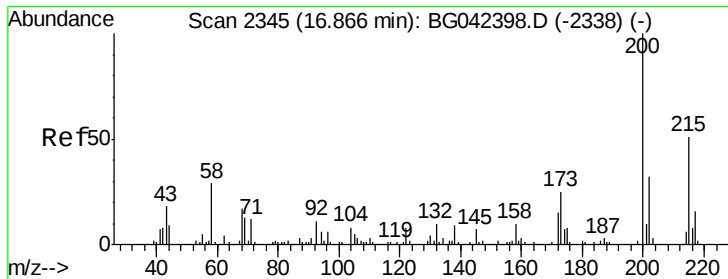


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

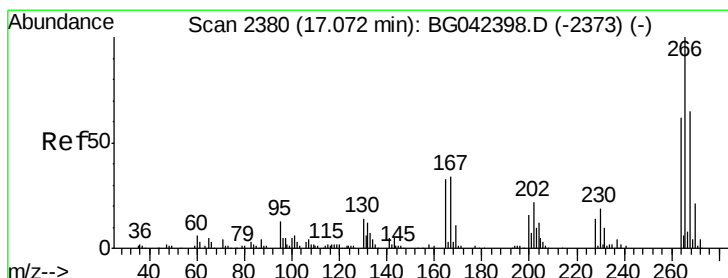
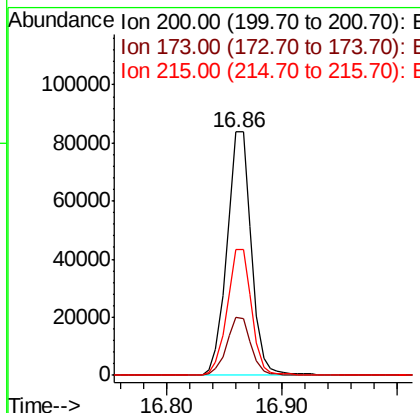
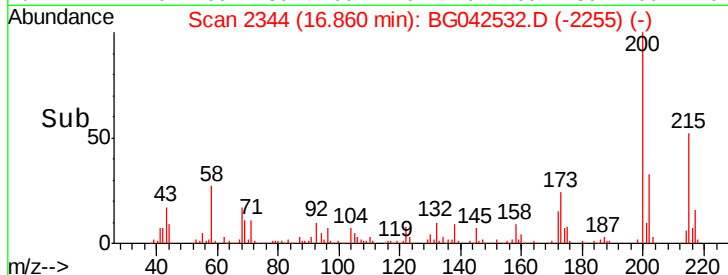
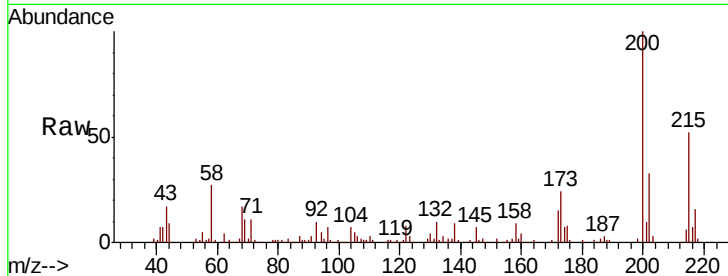




#69
 Atrazine
 Concen: 47.997 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

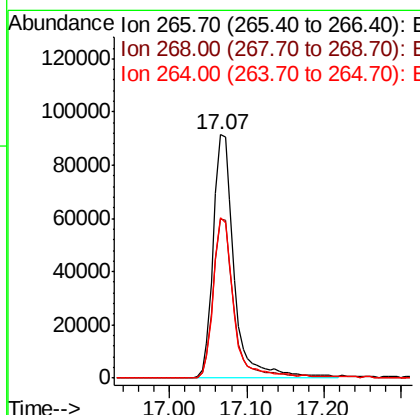
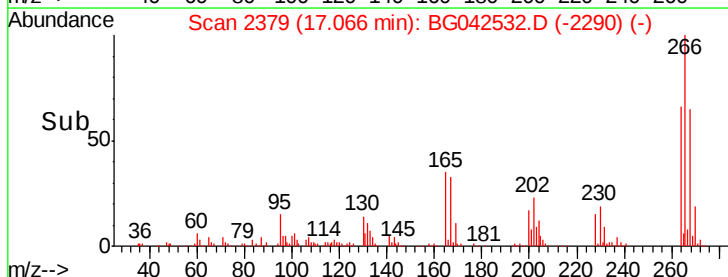
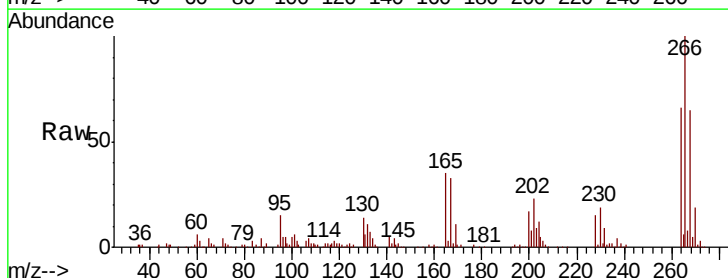
Instrument :
 BNA_F
 ClientSampleId :

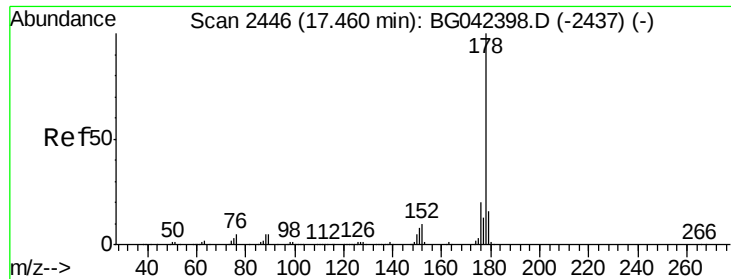
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.9	44.9
215	51.8	30.7	70.7



#70
 Pentachlorophenol
 Concen: 92.410 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.1	78.1
264	65.8	49.4	74.2

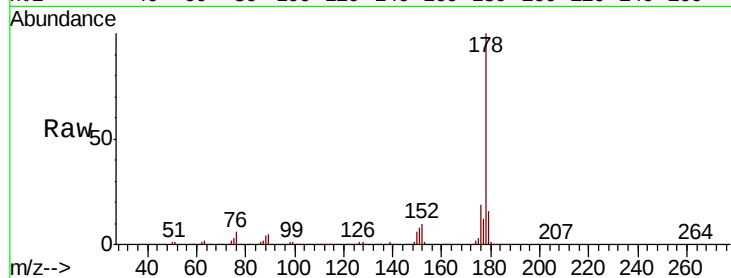




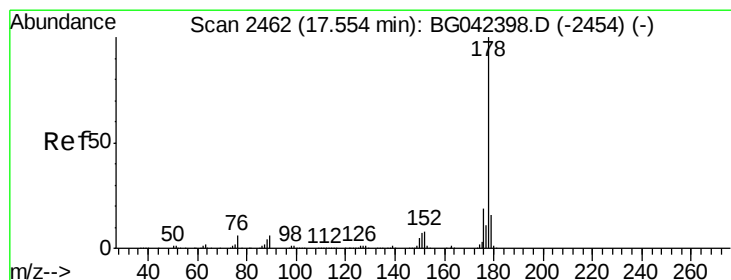
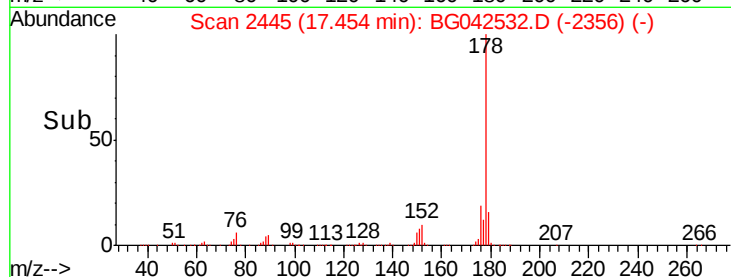
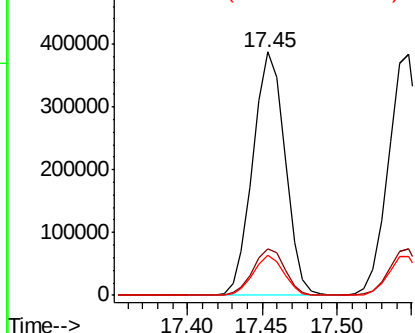
#71
Phenanthrene
Concen: 44.705 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 579540
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.3 12.7 19.1

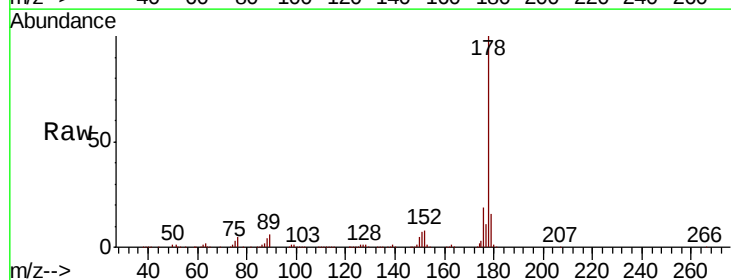


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

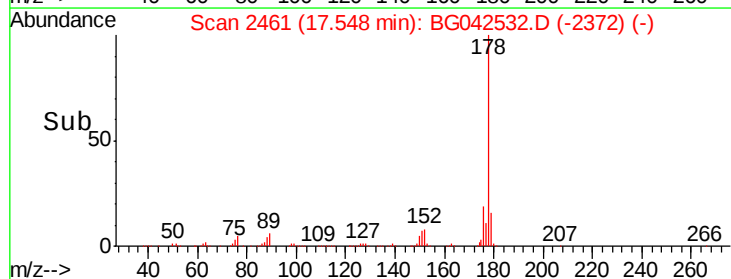
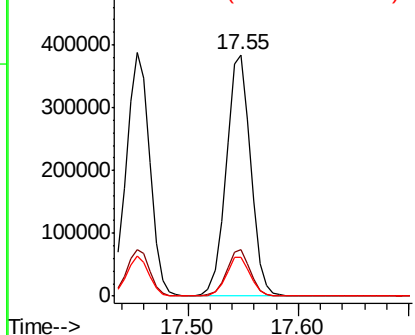


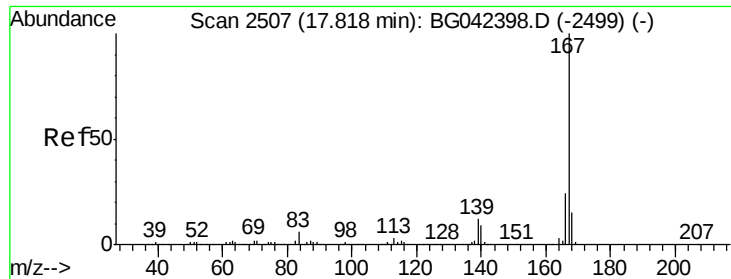
#72
Anthracene
Concen: 45.923 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:178 Resp: 594307
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.0 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.583 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

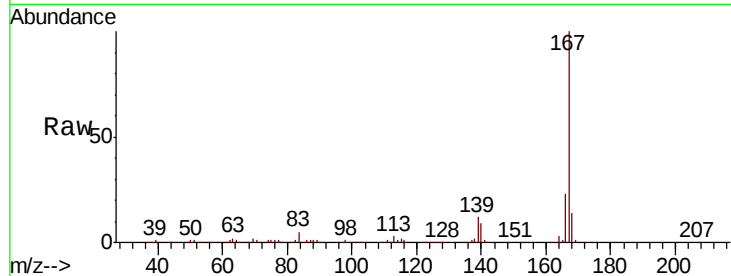
Tot Ion:167 Resp: 525755

Ion Ratio Lower Upper

167 100

166 22.8 18.9 28.3

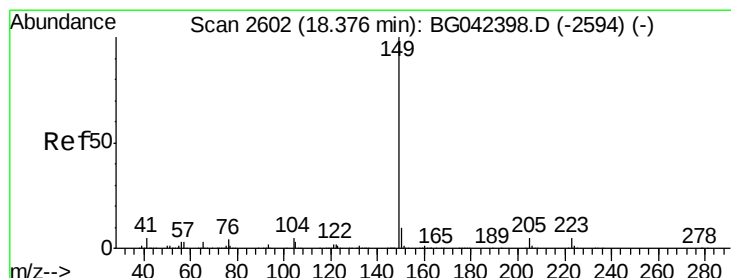
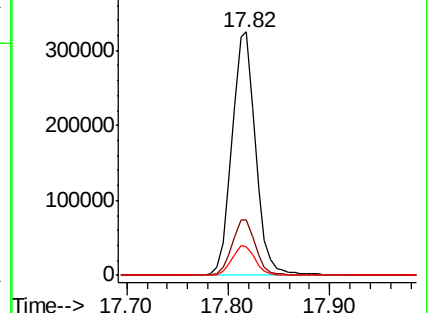
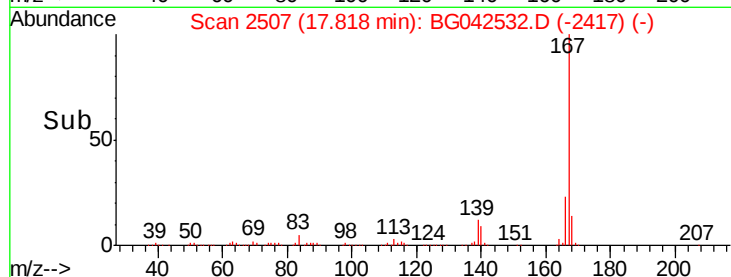
139 11.7 9.8 14.6



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: 44.585 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

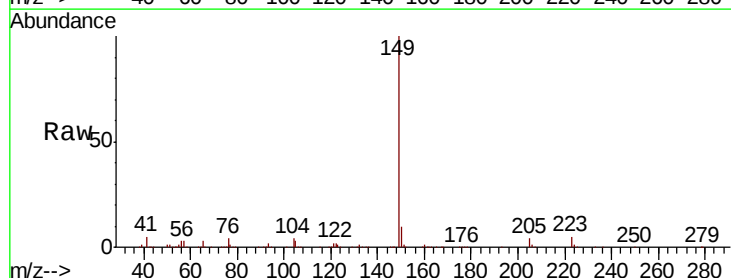
Tgt Ion:149 Resp: 607879

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

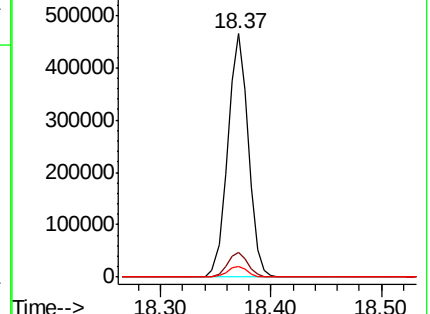
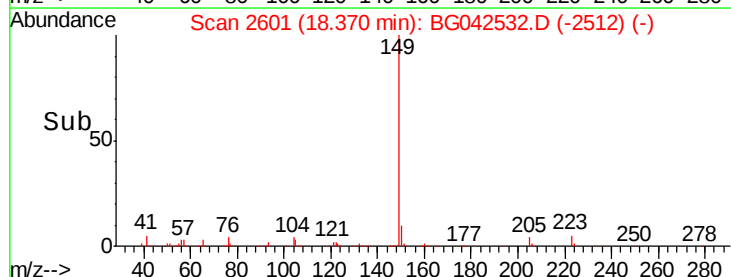
104 4.4 3.7 5.5

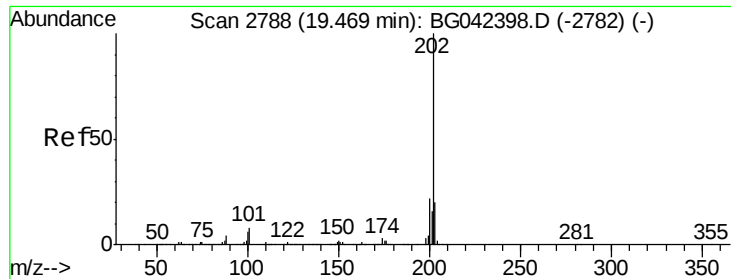


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.471 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampleId :

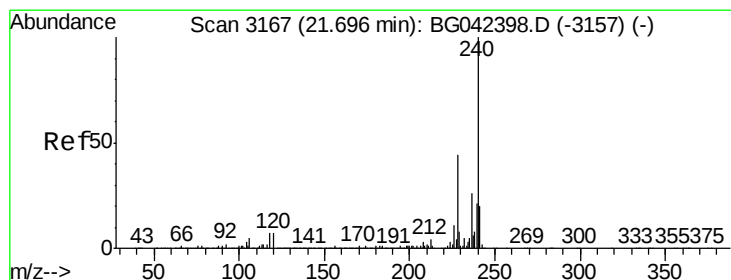
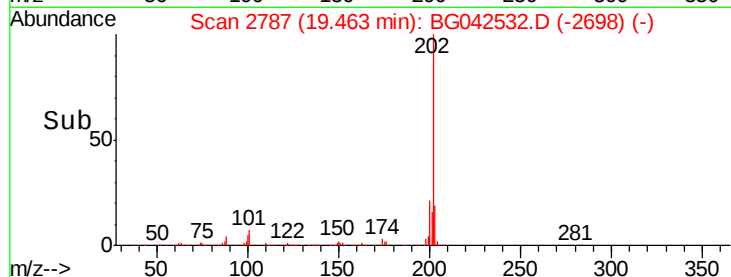
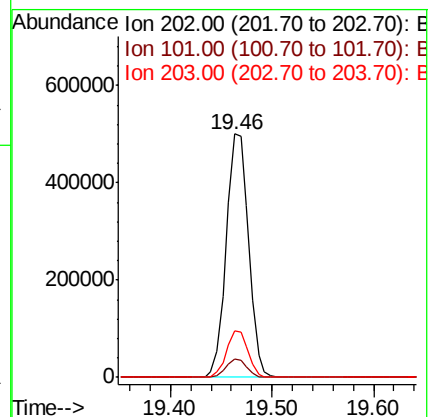
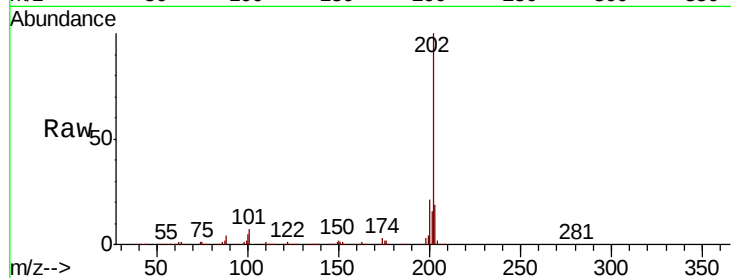
Tot Ion:202 Resp: 766862

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.3

203 19.0 0.0 39.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

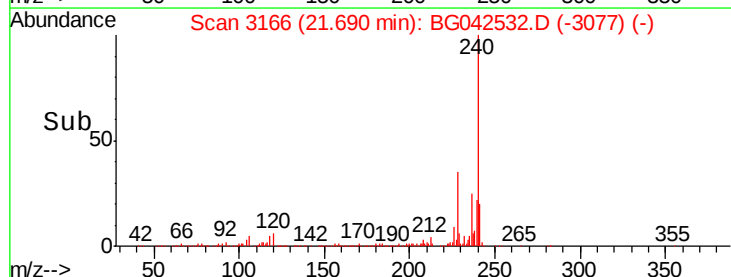
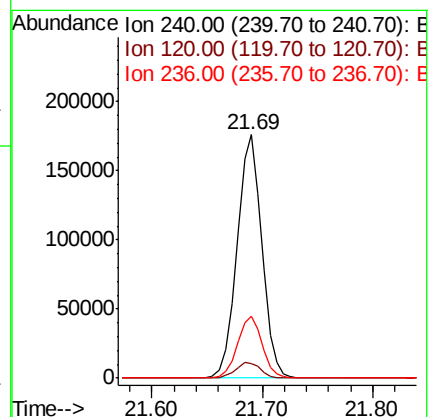
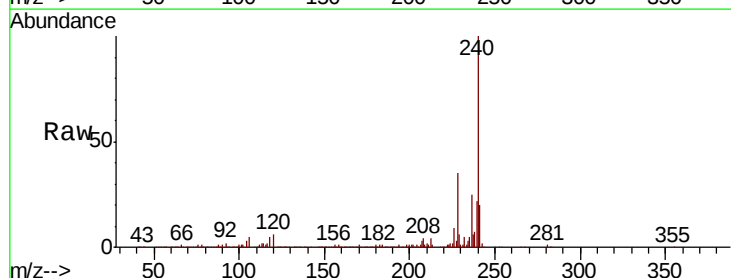
Tgt Ion:240 Resp: 277477

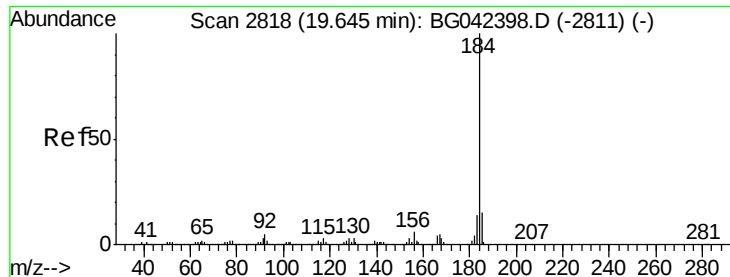
Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

236 25.4 21.0 31.4





#77

Benzidine

Concen: 42.771 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

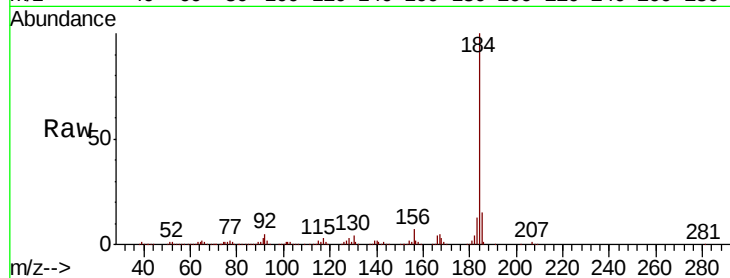
Tot Ion:184 Resp: 340260

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

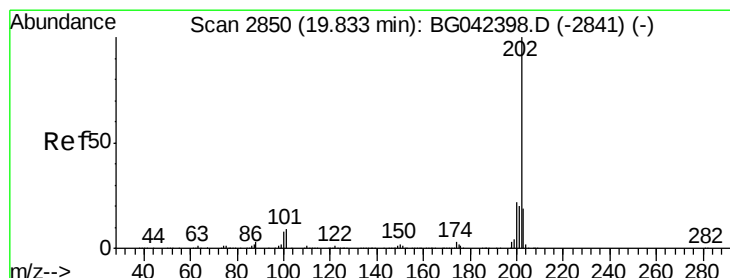
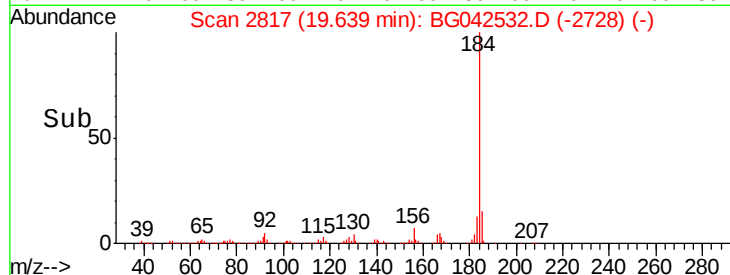
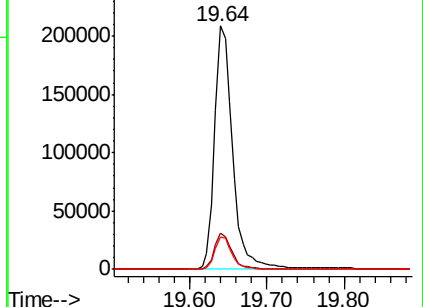
183 13.1 10.8 16.2



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: 45.399 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

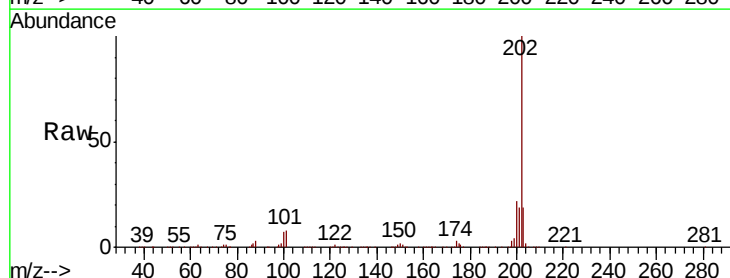
Tgt Ion:202 Resp: 772330

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

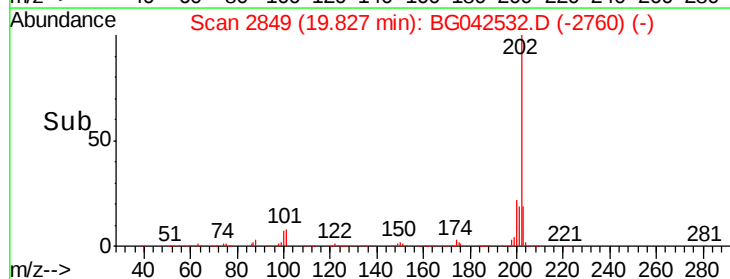
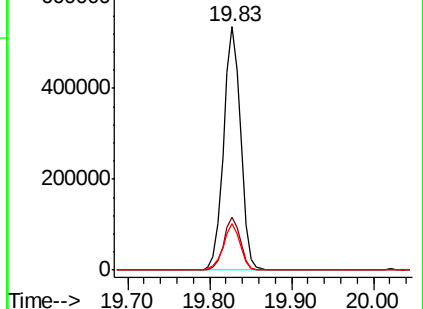
203 19.2 15.5 23.3

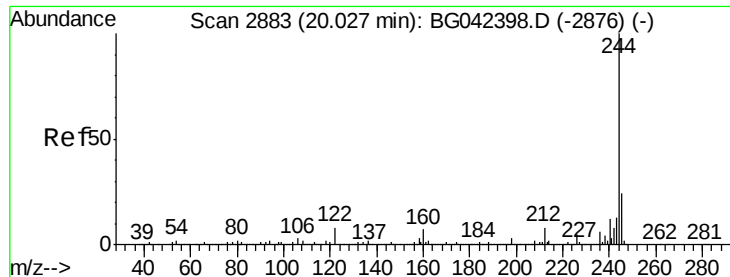


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.590 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

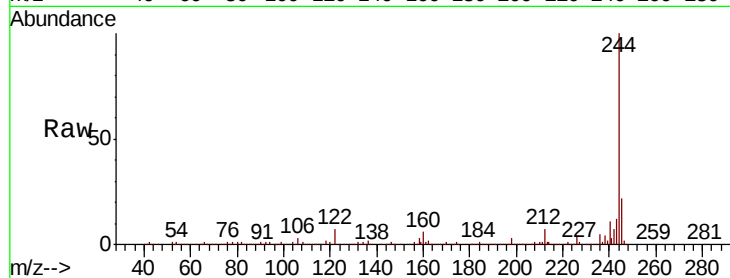
Tot Ion:244 Resp: 957340

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

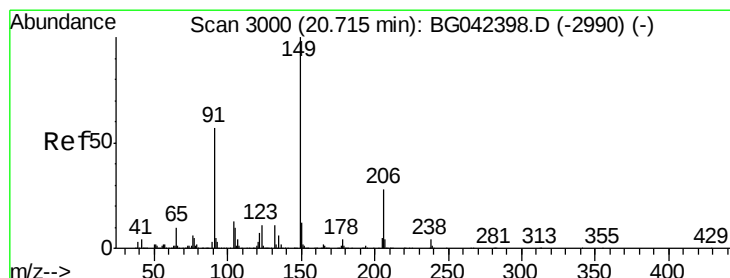
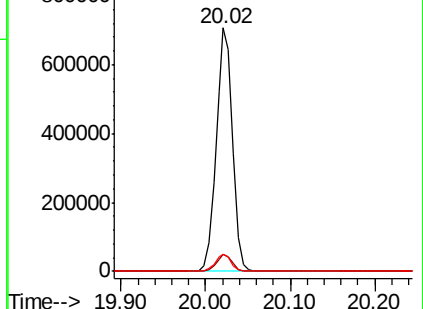
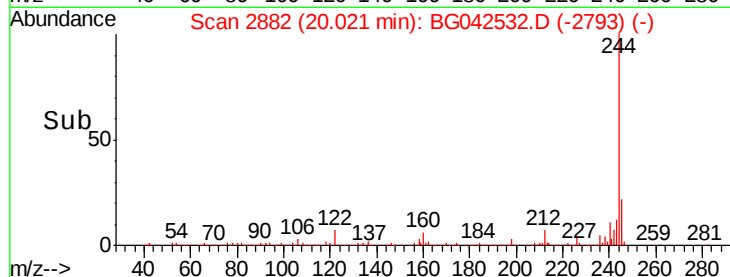
122 7.2 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.505 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

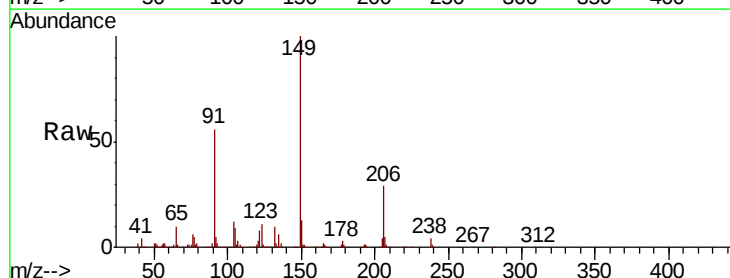
Tgt Ion:149 Resp: 284406

Ion Ratio Lower Upper

149 100

91 55.6 45.9 68.9

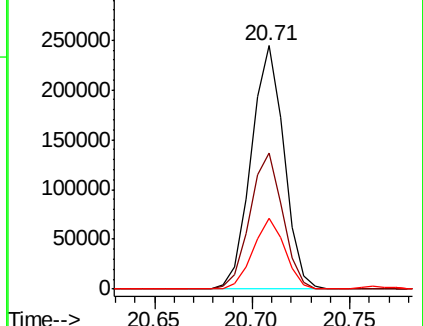
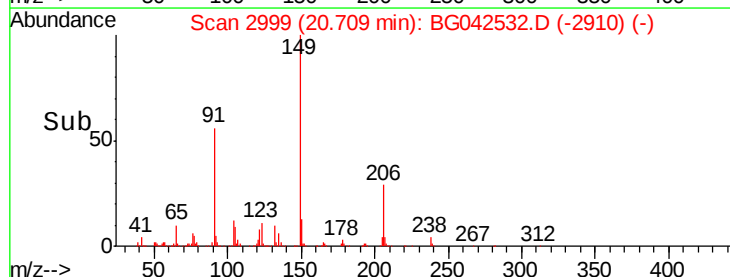
206 29.2 22.5 33.7

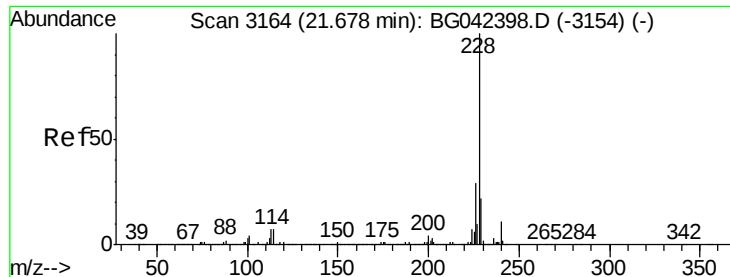


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

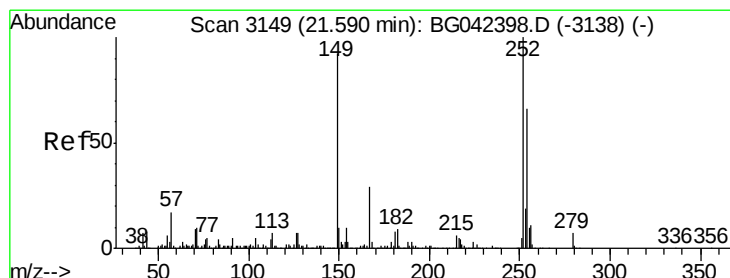
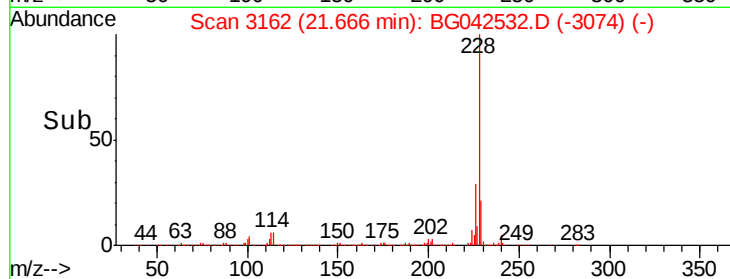
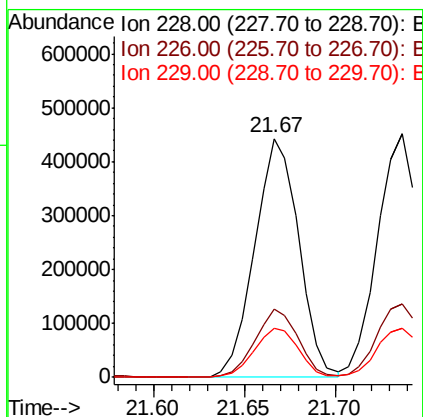
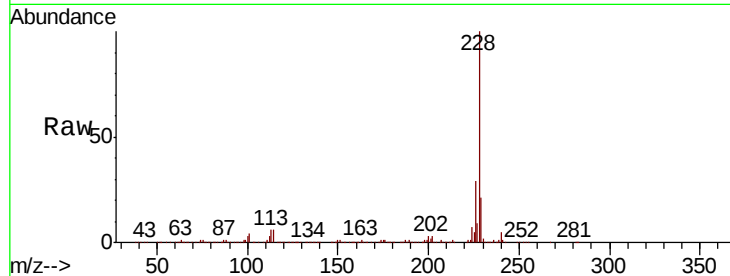




#81
Benzo(a)anthracene
Concen: 44.356 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

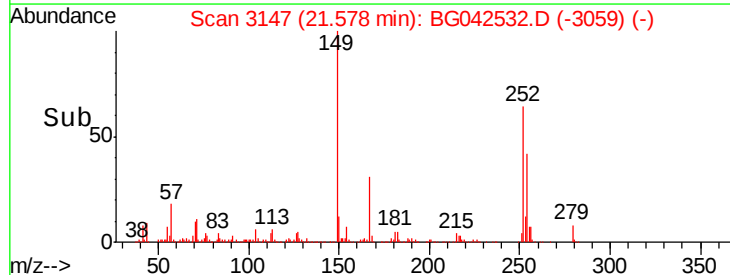
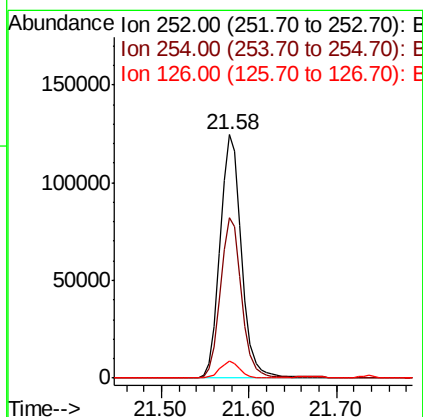
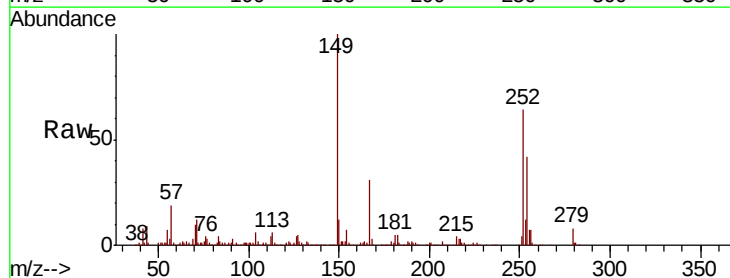
Instrument :
BNA_F
ClientSampleId :

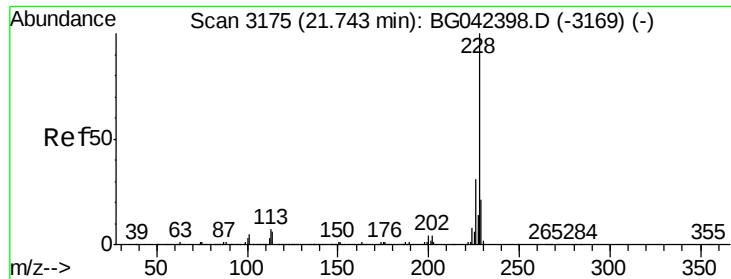
Tot Ion:228 Resp: 748712
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 20.8 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 31.230 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:252 Resp: 212006
Ion Ratio Lower Upper
252 100
254 65.9 53.0 79.4
126 6.8 5.7 8.5

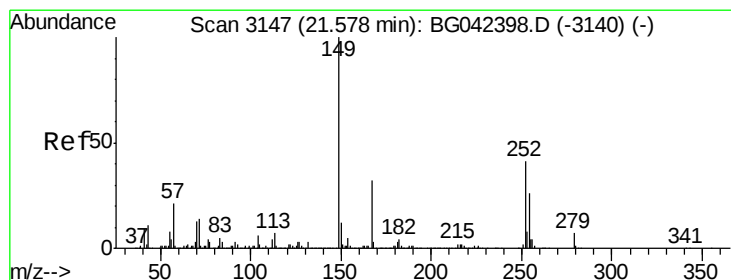
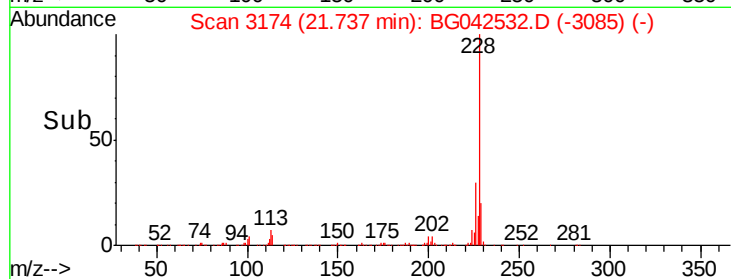
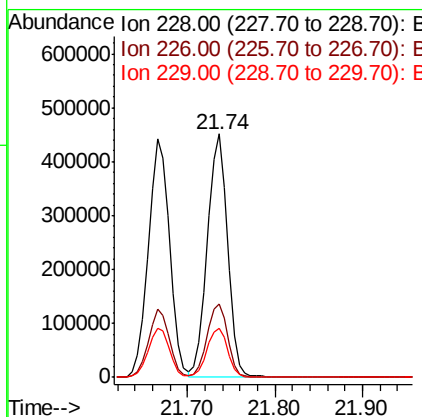
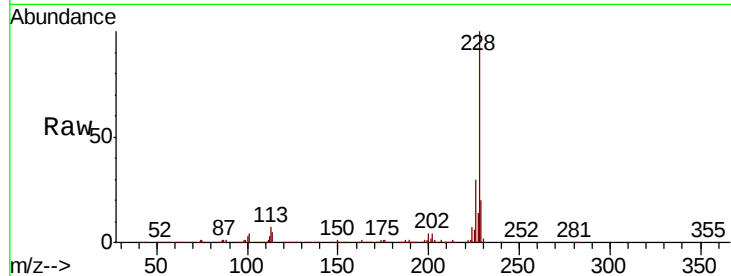




#83
 Chrysene
 Concen: 44.801 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

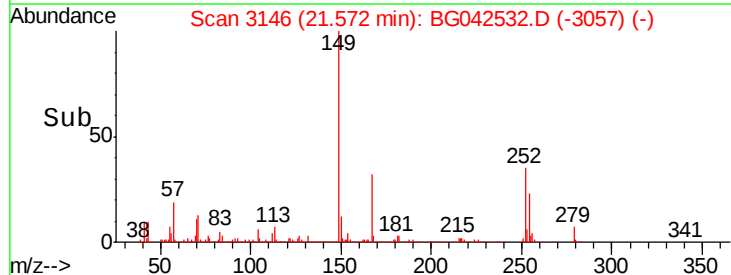
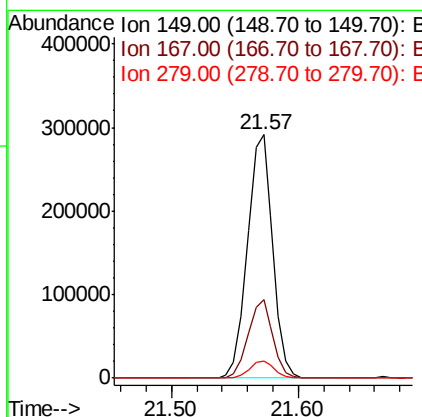
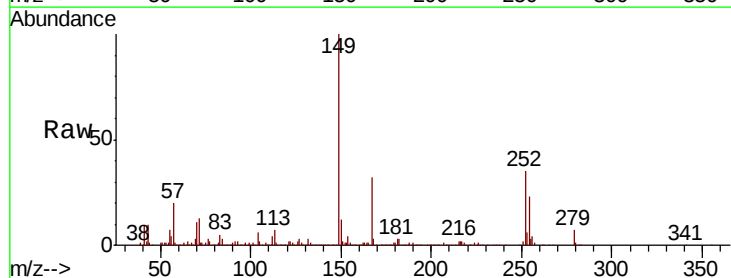
Instrument :
 BNA_F
 ClientSampleId :

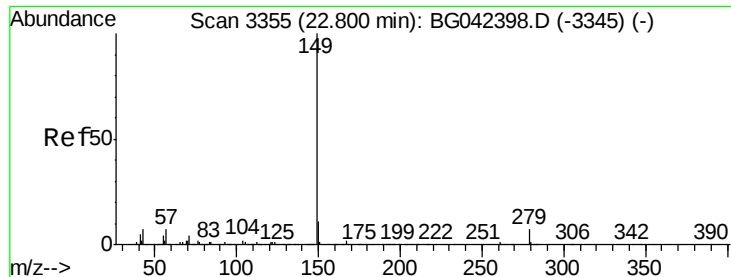
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.4	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.285 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	26.0	39.0
279	6.9	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 43.329 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_F

ClientSampled :

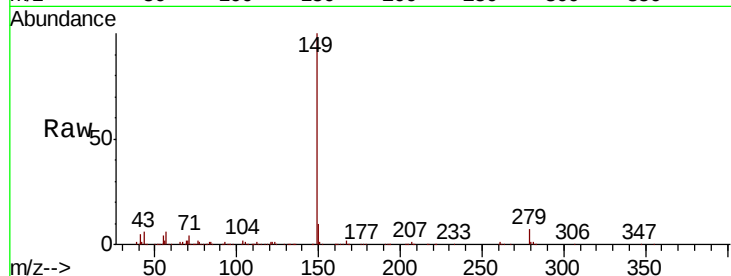
Tot Ion:149 Resp: 692329

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

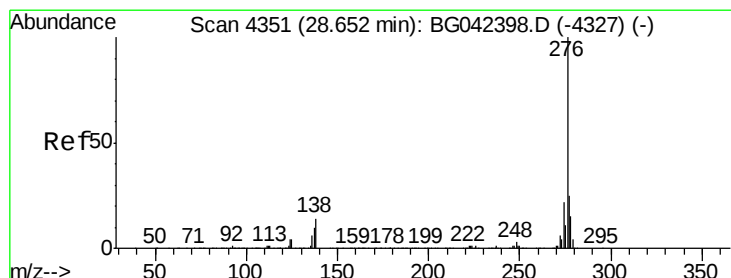
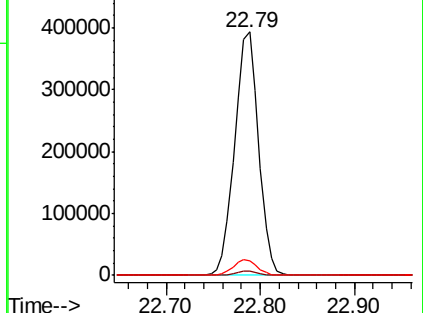
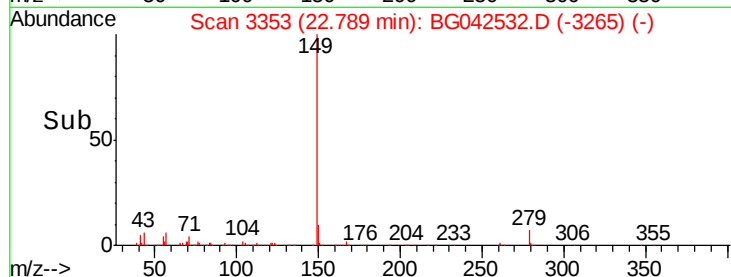
43 6.3 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.973 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

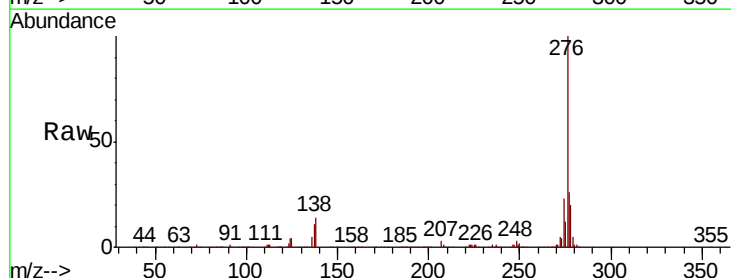
Tgt Ion:276 Resp: 950668

Ion Ratio Lower Upper

276 100

138 16.2 9.2 13.8#

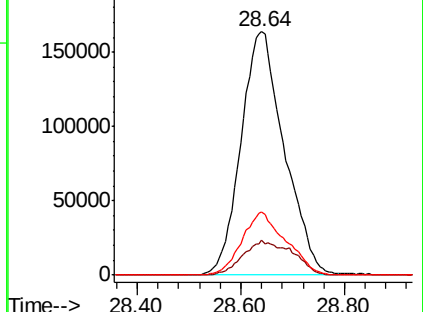
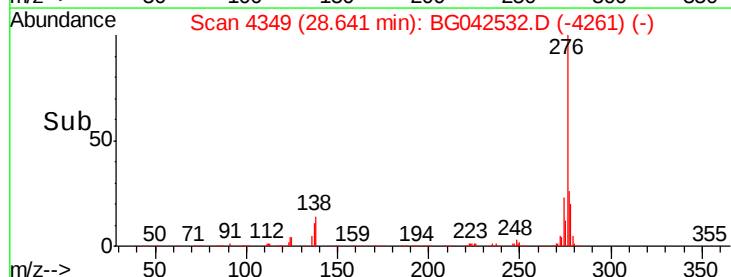
277 26.2 21.0 31.6

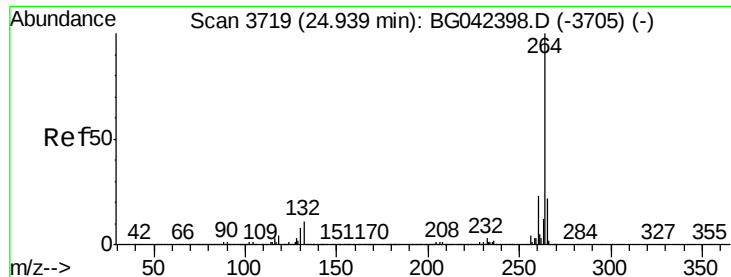


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

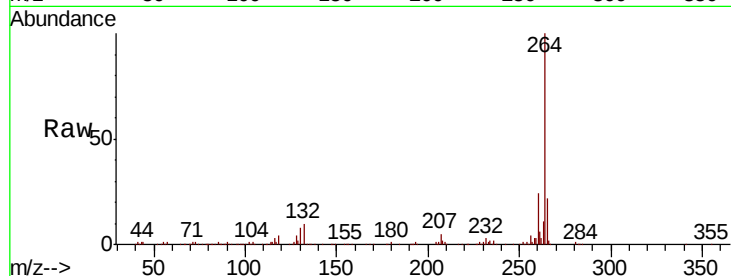




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.0	17.6	26.4

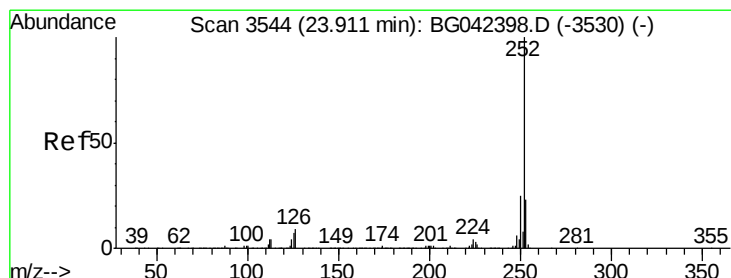
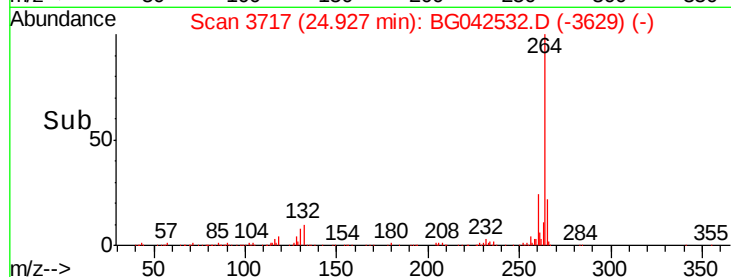
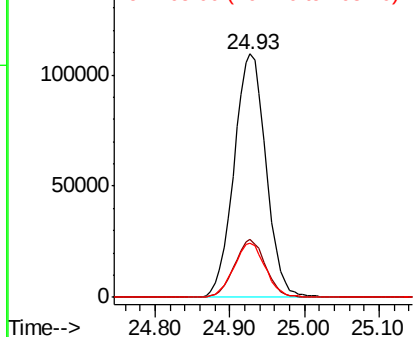


Abundance

Ion 264.00 (263.70 to 264.70): E

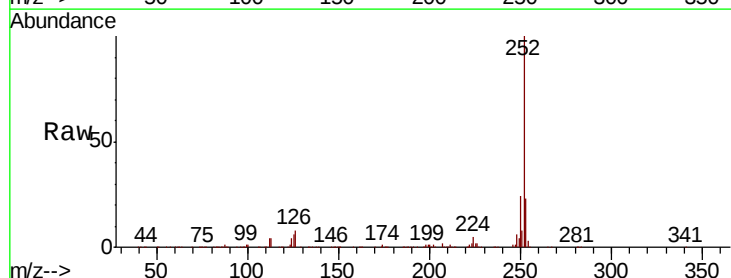
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.070 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	6.4	5.6	8.4

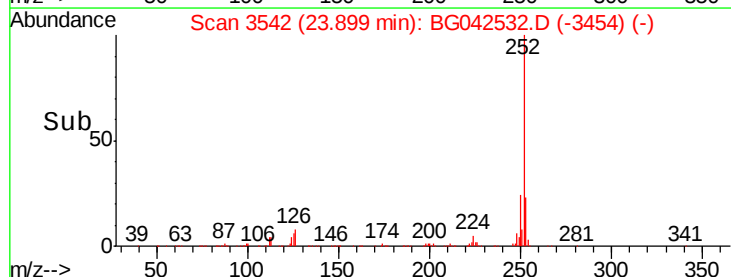
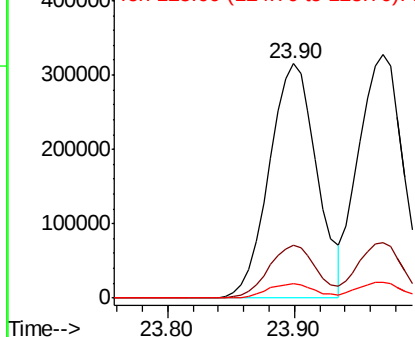


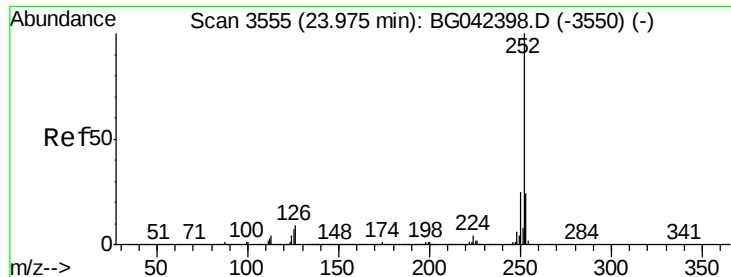
Abundance

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

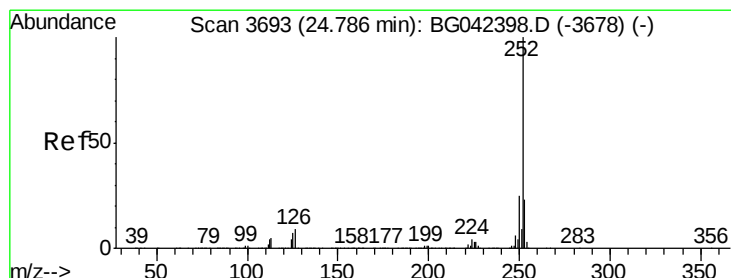
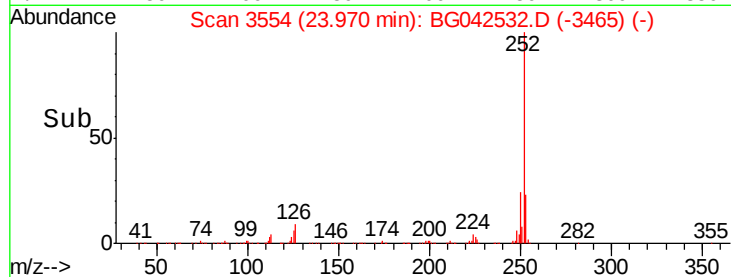
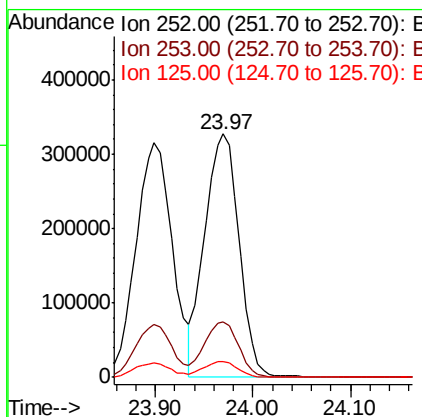
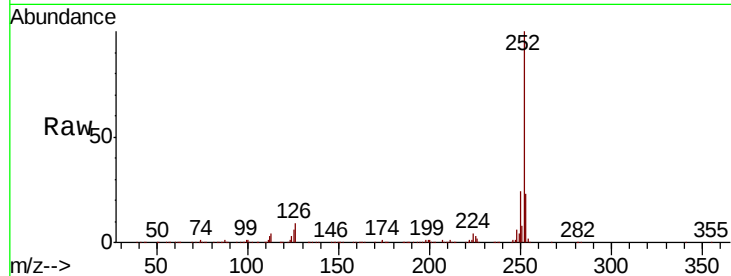




#89
Benzo(k)fluoranthene
Concen: 46.256 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

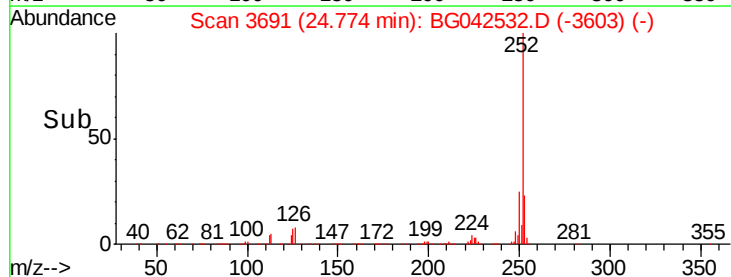
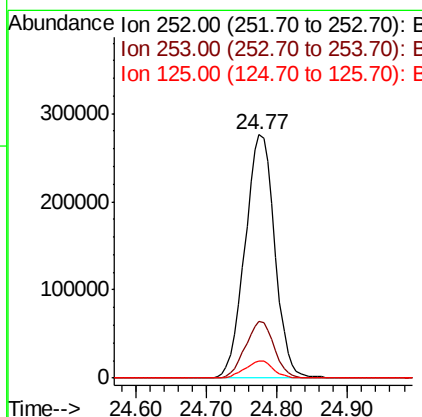
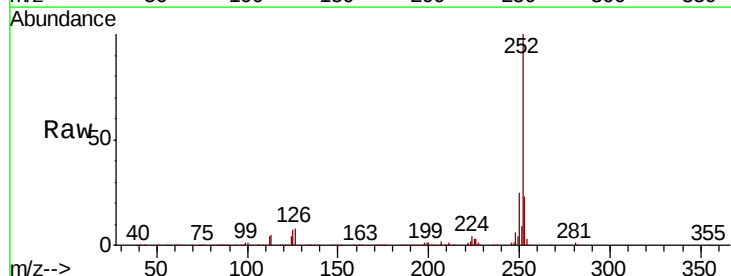
Instrument :
BNA_F
ClientSampleId :

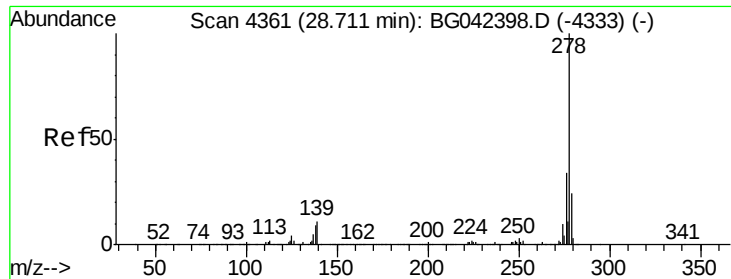
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.4	5.8	8.6



#90
Benzo(a)pyrene
Concen: 47.711 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.8	6.0	9.0

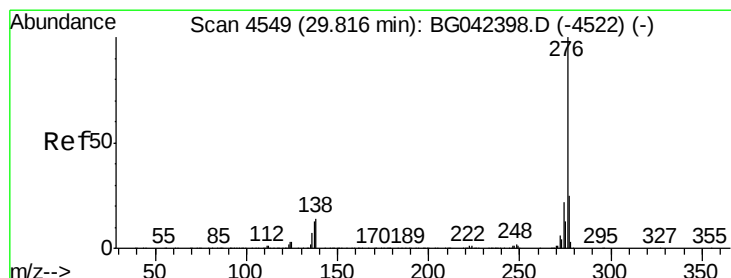
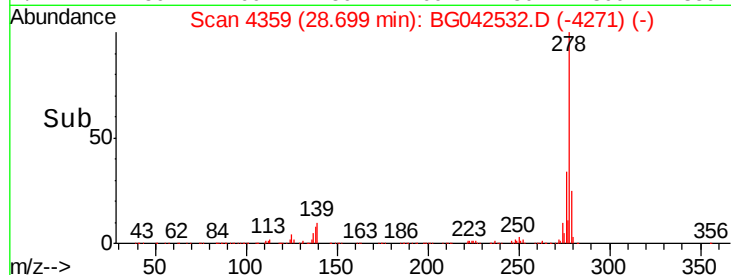
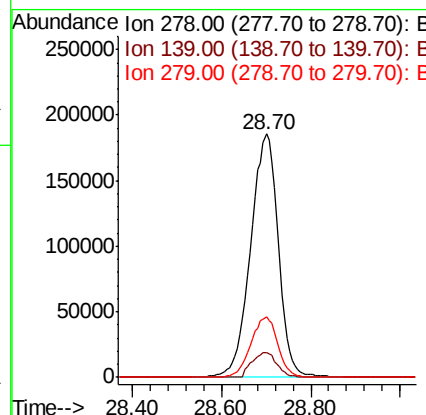
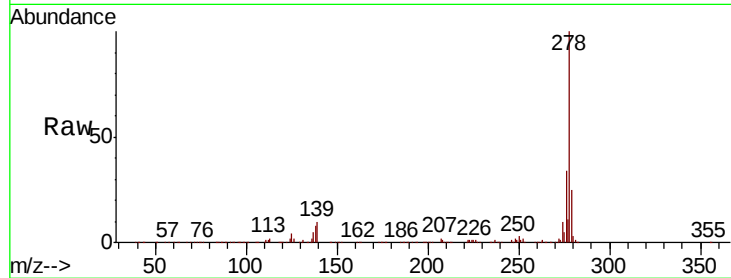




#91
Dibenzo(a,h)anthracene
Concen: 46.046 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.8	13.2
279	24.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 46.516 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	13.5	11.4	17.0

