

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042750.D
 Acq On : 6 Sep 2019 16:17
 Operator : HP/JU
 Sample : PB122825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Quant Time: Sep 06 16:53:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27889	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	126249	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103773	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	256200	20.00	ng	0.00
76) Chrysene-d12	21.69	240	214574	20.00	ng	0.00
87) Perylene-d12	24.94	264	206939	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	186046	135.11	ng	0.00
7) Phenol-d6	7.17	99	241684	129.93	ng	0.00
23) Nitrobenzene-d5	9.16	82	122793	67.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	187711	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	442551	72.13	ng	0.00
79) Terphenyl-d14	20.02	244	795038	80.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	18766	32.656	ng	# 94
3) Pyridine	3.82	79	43262	29.359	ng	99
4) n-Nitrosodimethylamine	3.73	42	23082	43.856	ng	85
6) Aniline	7.31	93	81888	33.007	ng	94
8) 2-Chlorophenol	7.56	128	84733	50.773	ng	99
9) Benzaldehyde	7.12	77	31678	34.017	ng	99
10) Phenol	7.19	94	95044	50.256	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	60812	40.943	ng	97
12) 1,3-Dichlorobenzene	7.88	146	88629	41.747	ng	98
13) 1,4-Dichlorobenzene	8.03	146	90688	42.172	ng	98
14) 1,2-Dichlorobenzene	8.35	146	86579	42.041	ng	97
15) Benzyl Alcohol	8.23	79	64657	48.316	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	77971	38.731	ng	98
17) 2-Methylphenol	8.45	107	67448	48.420	ng	96
18) Hexachloroethane	9.09	117	29329	39.839	ng	87
19) n-Nitroso-di-n-propylamine	8.80	70	50697	42.070	ng	# 92
20) 3+4-Methylphenols	8.78	107	93408	48.460	ng	98
22) Acetophenone	8.82	105	116520	43.152	ng	# 98
24) Nitrobenzene	9.21	77	76801	41.513	ng	96
25) Isophorone	9.73	82	148107	41.078	ng	97
26) 2-Nitrophenol	9.93	139	51541	44.457	ng	96
27) 2,4-Dimethylphenol	9.99	122	82666	51.763	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	89576	39.418	ng	98
29) 2,4-Dichlorophenol	10.47	162	103278	49.428	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	109608	42.738	ng	98
31) Naphthalene	10.87	128	252076	43.006	ng	99
32) Benzoic acid	10.17	122	34103	32.585	ng	100
33) 4-Chloroaniline	10.98	127	74418	27.503	ng	98
34) Hexachlorobutadiene	11.15	225	74133	43.010	ng	97
35) Caprolactam	11.76	113	18417	26.415	ng	# 86
36) 4-Chloro-3-methylphenol	12.11	107	94074	47.428	ng	94
37) 2-Methylnaphthalene	12.48	142	213681	45.402	ng	98
38) 1-Methylnaphthalene	12.70	142	202458	45.287	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150359	45.119	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	97673	55.796	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	98420	43.692	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	106902	45.796	nq	99
46) 1,1'-Biphenyl	13.49	154	290700	43.337	nq	98
47) 2-Chloronaphthalene	13.53	162	238769	41.281	nq	98
48) 2-Nitroaniline	13.73	65	53654	38.468	nq	97
49) Acenaphthylene	14.38	152	380275	43.700	nq	97
50) Dimethylphthalate	14.11	163	325631	43.489	nq	99
51) 2,6-Dinitrotoluene	14.23	165	79248	45.661	nq	95
52) Acenaphthene	14.72	154	222398	42.089	nq	97
53) 3-Nitroaniline	14.56	138	51092	29.435	nq	98
54) 2,4-Dinitrophenol	14.79	184	90539	77.592	nq	98
55) Dibenzofuran	15.06	168	393294	44.966	nq	98
56) 4-Nitrophenol	14.89	139	100833	81.754	nq	93
57) 2,4-Dinitrotoluene	15.03	165	112244	45.163	nq	98
58) Fluorene	15.71	166	324766	45.424	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	100636	43.595	nq	99
60) Diethylphthalate	15.47	149	317320	43.352	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	193809	44.968	nq	98
62) 4-Nitroaniline	15.74	138	74611	40.164	nq	92
63) Azobenzene	15.99	77	202645	40.403	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	76751	47.782	nq	95
66) n-Nitrosodiphenylamine	15.91	169	305277	43.328	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	140093	43.109	nq	98
68) Hexachlorobenzene	16.72	284	147105	41.641	nq	99
69) Atrazine	16.87	200	112992	45.350	nq	98
70) Pentachlorophenol	17.07	266	153964	83.880	nq	98
71) Phenanthrene	17.45	178	555688	43.666	nq	98
72) Anthracene	17.55	178	562082	44.244	nq	99
73) Carbazole	17.82	167	473546	41.823	nq	99
74) Di-n-butylphthalate	18.37	149	533193	39.837	nq	100
75) Fluoranthene	19.47	202	655577	42.211	nq	95
77) Benzidine	19.65	184	124941	20.309	nq	98
78) Pyrene	19.83	202	647459	49.216	nq	98
80) Butylbenzylphthalate	20.71	149	195043	37.694	nq	93
81) Benzo(a)anthracene	21.67	228	567590	43.484	nq	96
82) 3,3'-Dichlorobenzidine	21.58	252	191417	36.463	nq	# 97
83) Chrysene	21.74	228	546912	43.446	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	287242	39.982	nq	98
85) Di-n-octyl phthalate	22.78	149	506563	40.996	nq	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	724530	42.352	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	632340	55.582	nq	# 98
89) Benzo(k)fluoranthene	23.98	252	611454	55.915	nq	# 98
90) Benzo(a)pyrene	24.79	252	609652	56.472	nq	98
91) Dibenzo(a,h)anthracene	28.72	278	605547	55.399	nq	98
92) Benzo(g,h,i)perylene	29.82	276	606899	55.515	nq	96

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

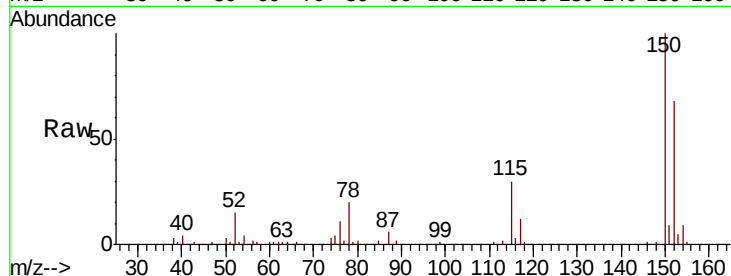


#1

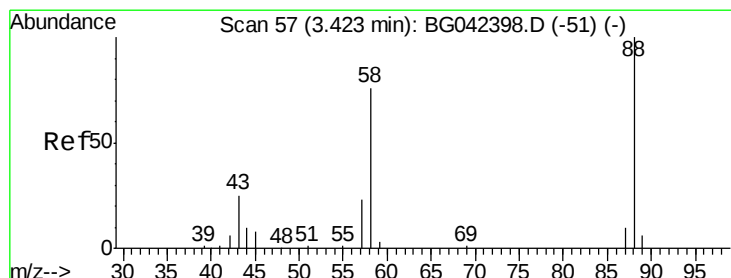
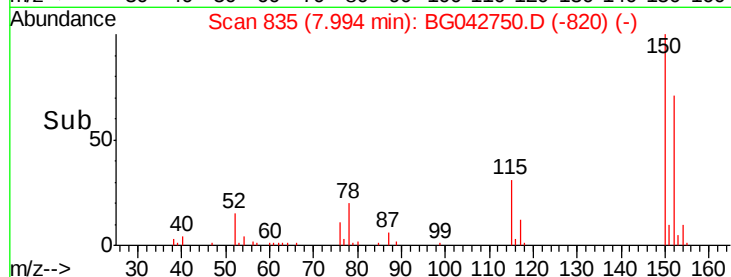
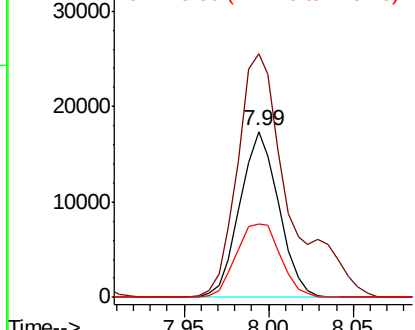
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	125.4	188.0
115	44.0	38.5	57.7



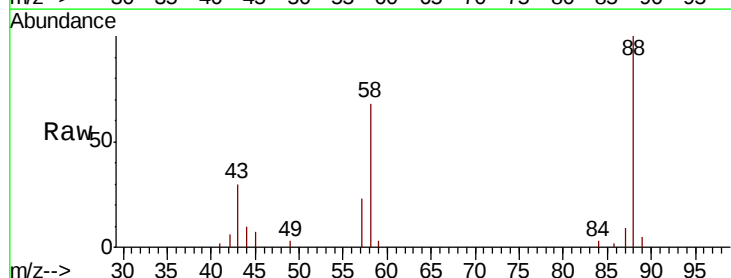
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



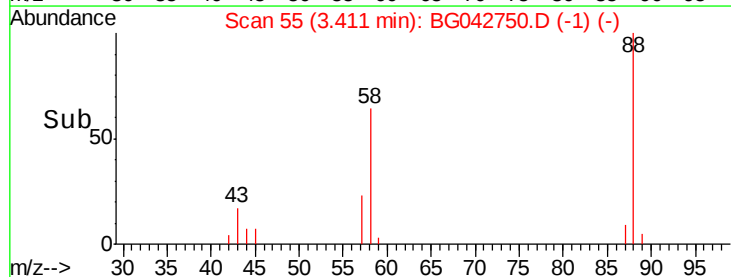
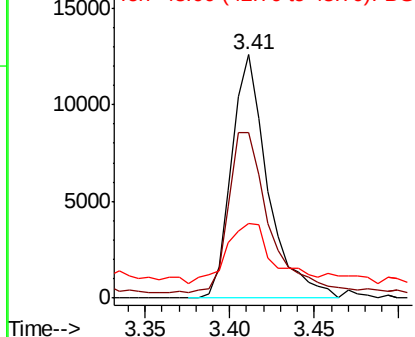
#2

1,4-Dioxane
 Concen: 32.656 ng
 RT: 3.41 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	58.3	87.5
43	31.3	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: 29.359 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

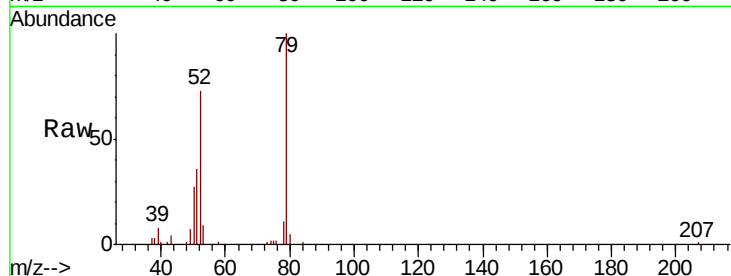
Tot Ion: 79 Resp: 43262

Ion Ratio Lower Upper

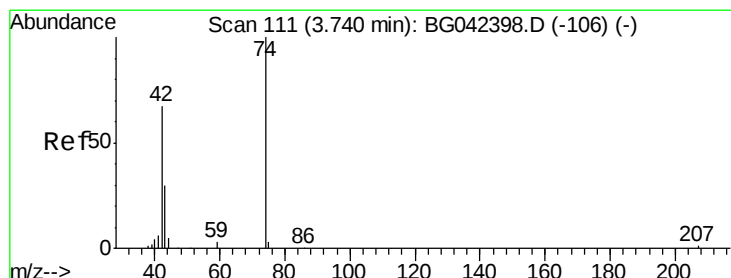
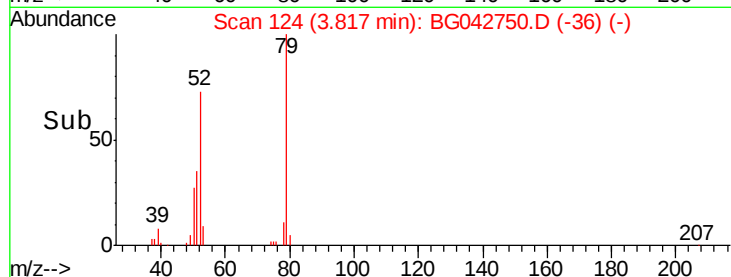
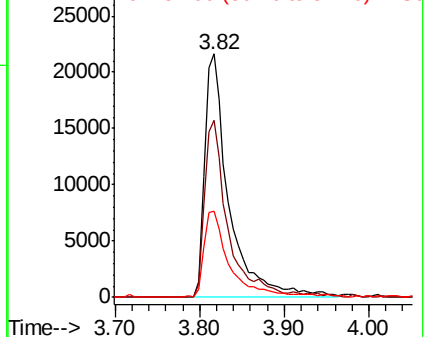
79 100

52 72.6 57.7 86.5

51 35.5 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.856 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

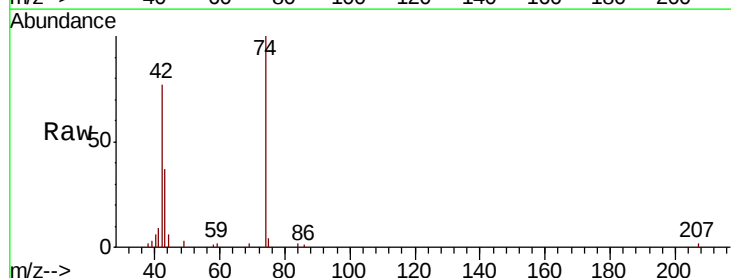
Tgt Ion: 42 Resp: 23082

Ion Ratio Lower Upper

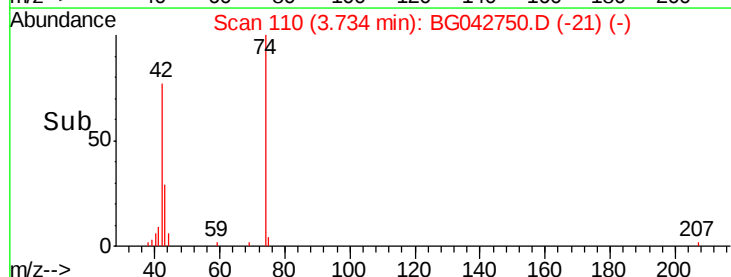
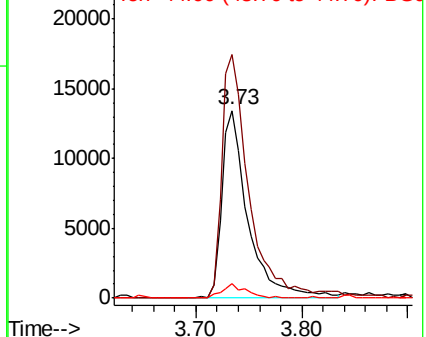
42 100

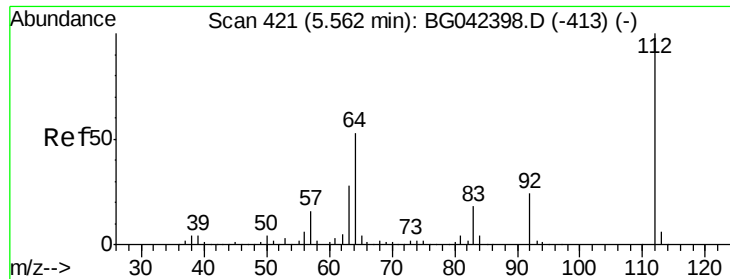
74 129.9 119.6 179.4

44 7.4 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.106 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

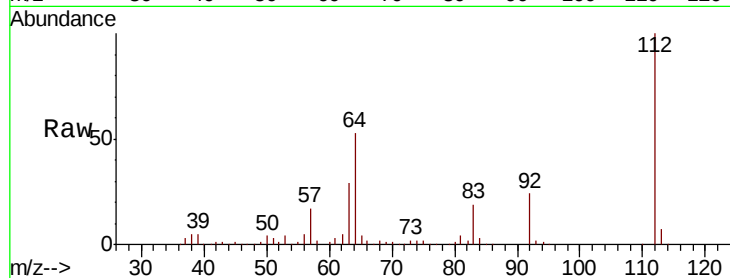
Tot Ion:112 Resp: 186046

Ion Ratio Lower Upper

112 100

64 53.1 42.8 64.2

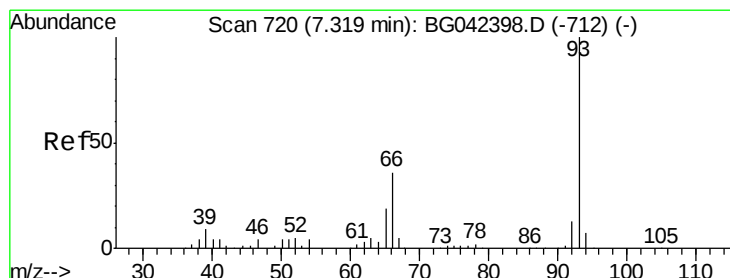
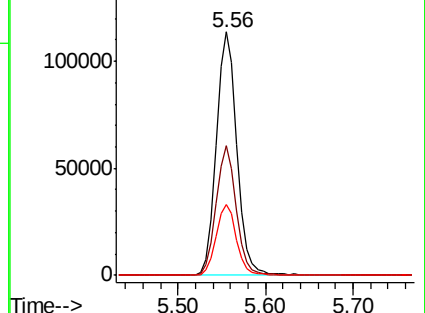
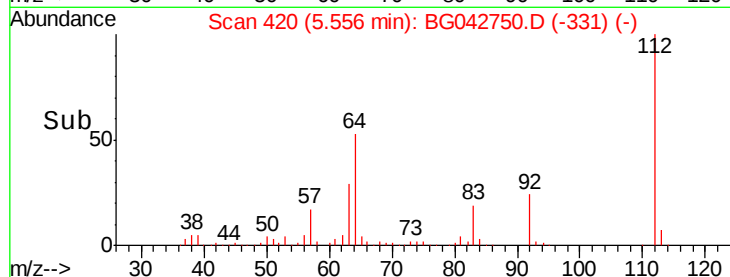
63 29.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.007 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

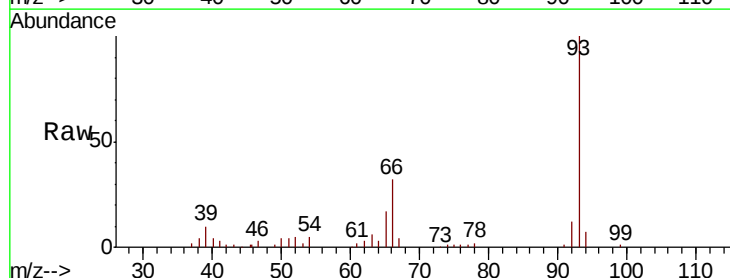
Tgt Ion: 93 Resp: 81888

Ion Ratio Lower Upper

93 100

66 32.3 29.0 43.6

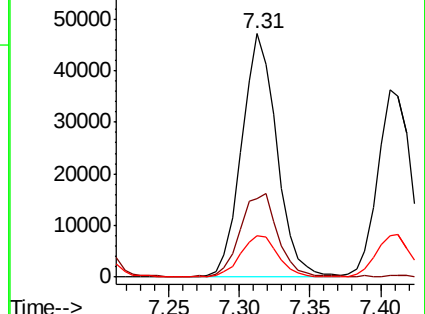
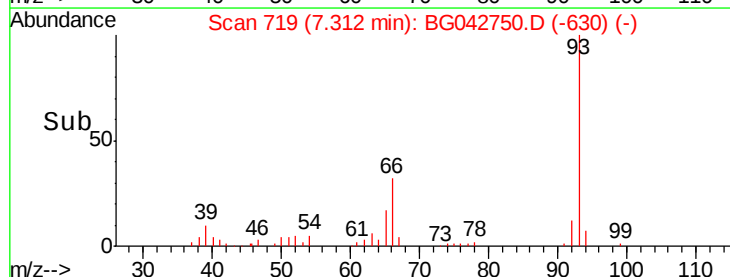
65 17.1 15.2 22.8



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: 129.933 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

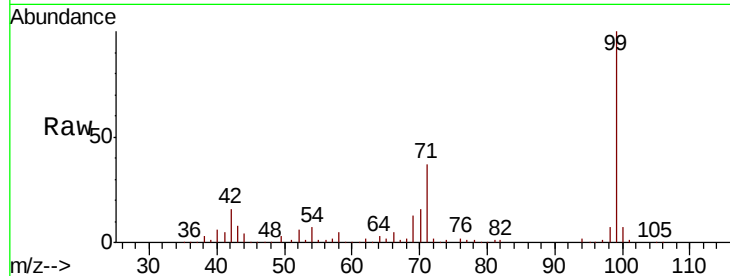
Tot Ion: 99 Resp: 241684

Ion Ratio Lower Upper

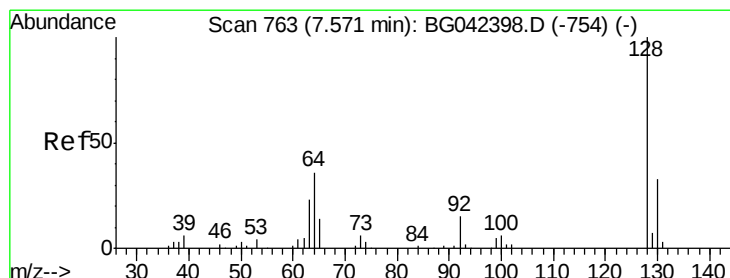
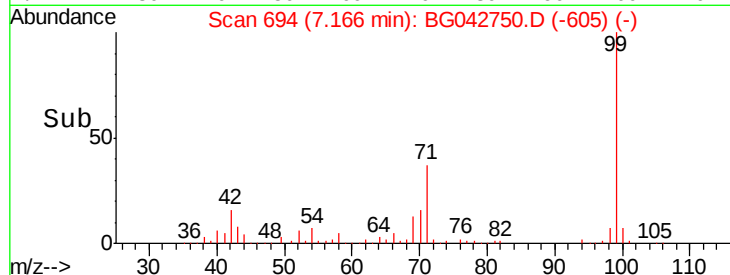
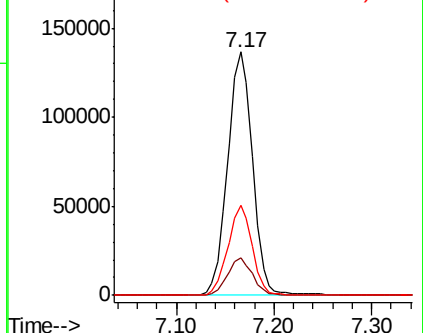
99 100

42 15.7 12.0 18.0

71 36.7 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: 50.773 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

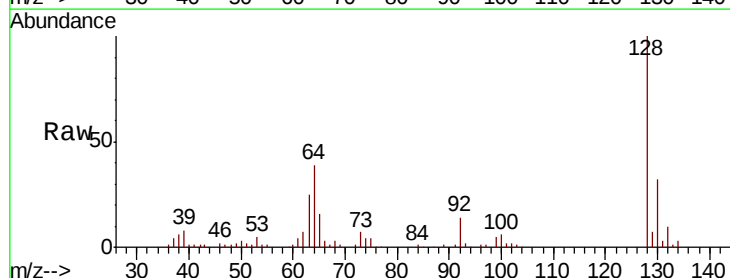
Tgt Ion: 128 Resp: 84733

Ion Ratio Lower Upper

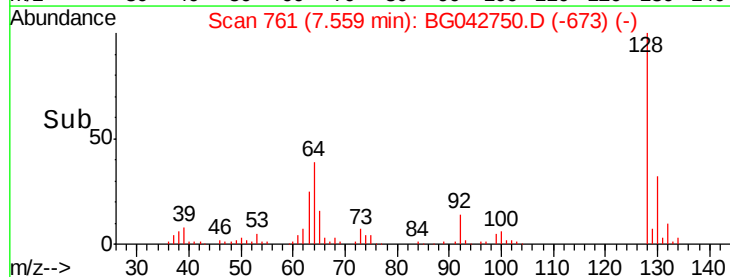
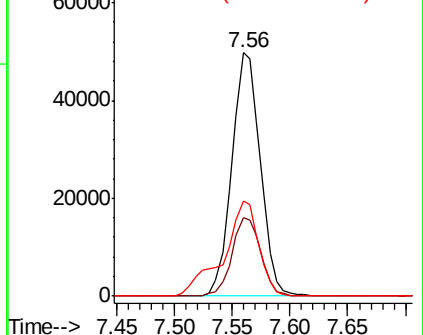
128 100

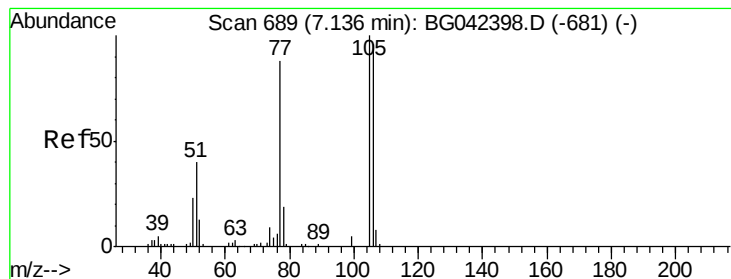
130 32.2 12.8 52.8

64 38.9 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: 34.017 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

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ClientSampleID :

PB122825BS

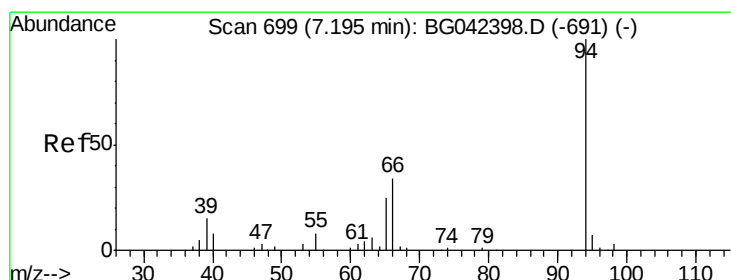
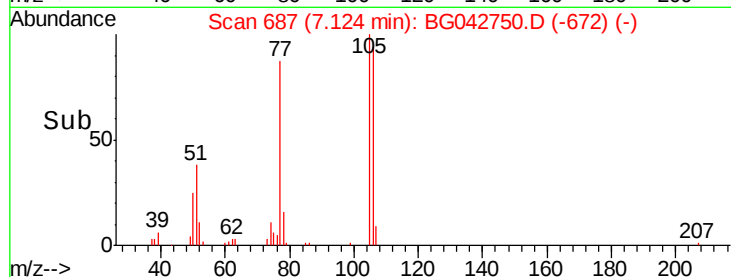
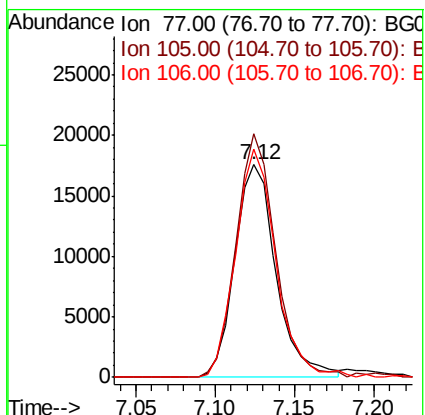
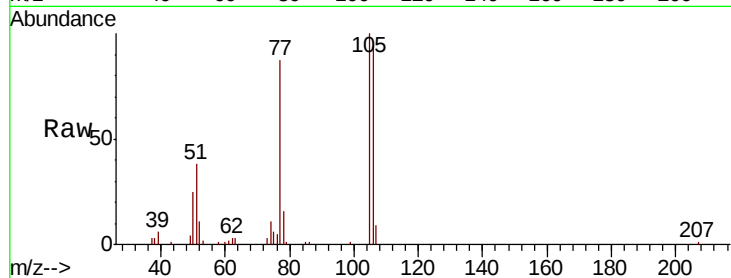
Tot Ion: 77 Resp: 31678

Ion Ratio Lower Upper

77 100

105 114.6 93.4 133.4

106 107.3 88.4 128.4



#10

Phenol

Concen: 50.256 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

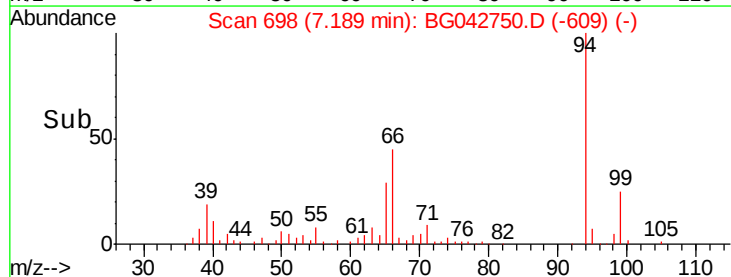
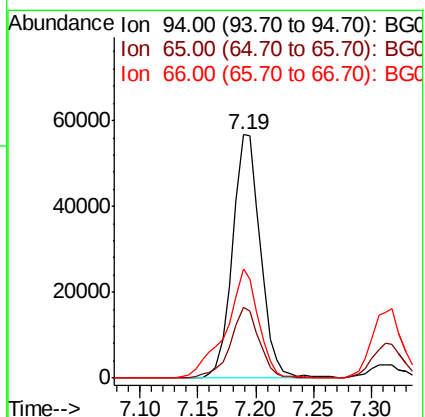
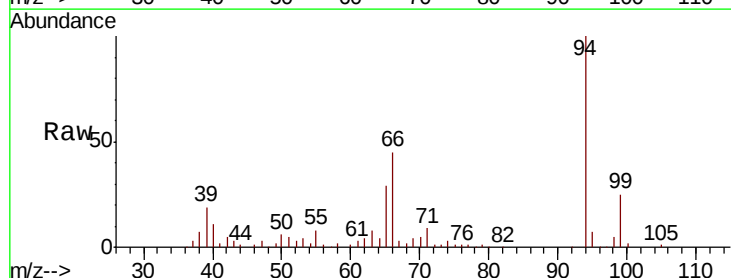
Tgt Ion: 94 Resp: 95044

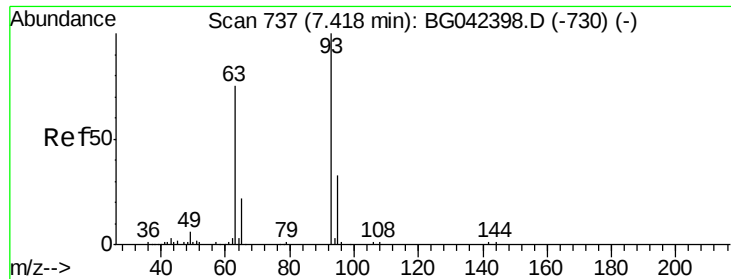
Ion Ratio Lower Upper

94 100

65 29.1 5.6 45.6

66 44.7 16.0 56.0

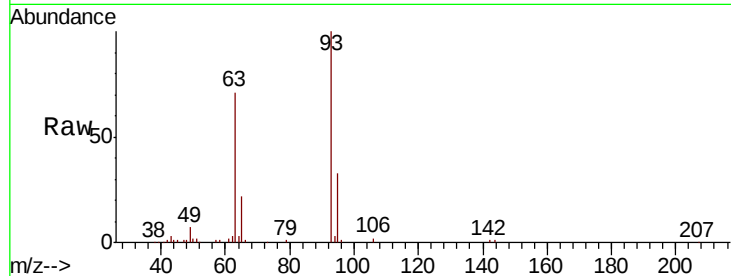




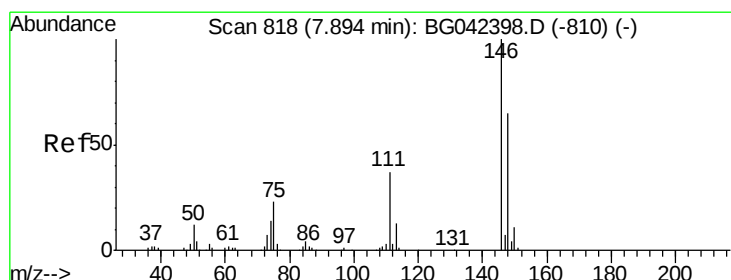
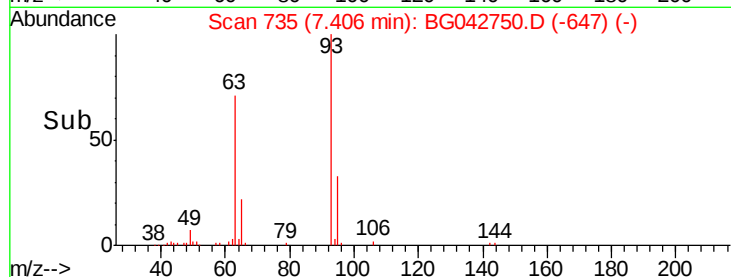
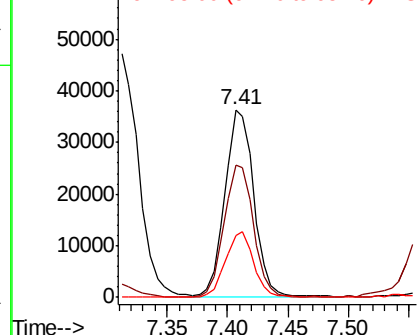
#11
bis(2-Chloroethyl)ether
Concen: 40.943 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion: 93 Resp: 60812
Ion Ratio Lower Upper
93 100
63 70.7 53.8 93.8
95 32.7 13.1 53.1

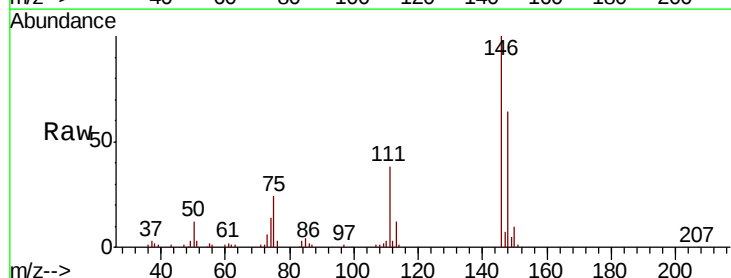


Abundance Ion 93.00 (92.70 to 93.70): BG042398.D (-730) (-)
Ion 63.00 (62.70 to 63.70): BG042398.D (-730) (-)
Ion 95.00 (94.70 to 95.70): BG042398.D (-730) (-)

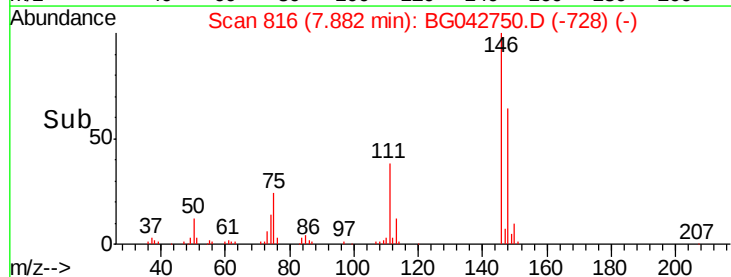
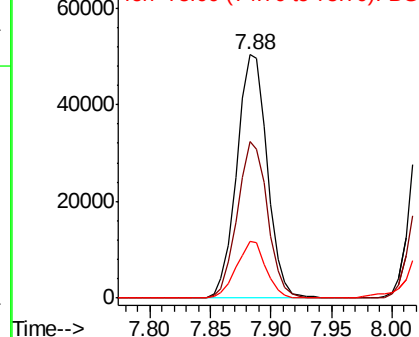


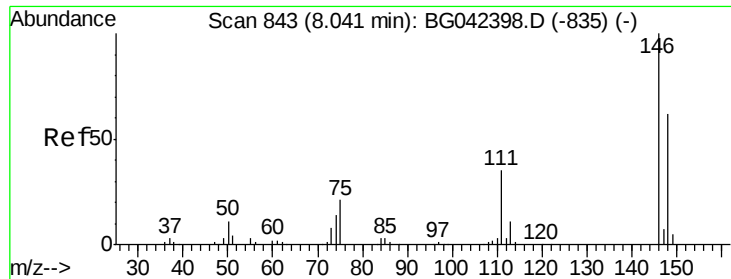
#12
1,3-Dichlorobenzene
Concen: 41.747 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion: 146 Resp: 88629
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.2
75 23.6 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): BG042398.D (-810) (-)
Ion 148.00 (147.70 to 148.70): BG042398.D (-810) (-)
Ion 75.00 (74.70 to 75.70): BG042398.D (-810) (-)

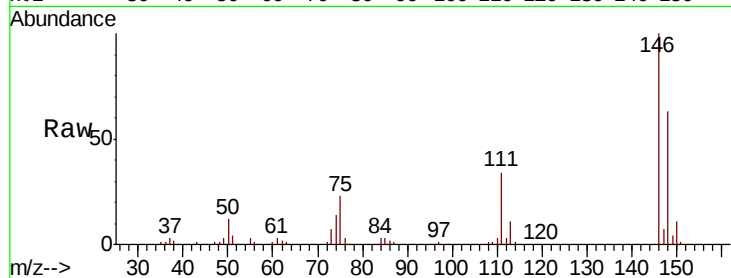




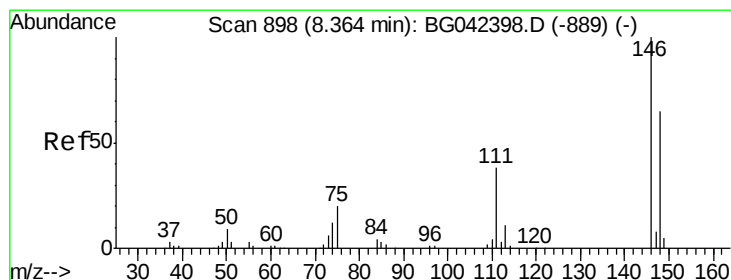
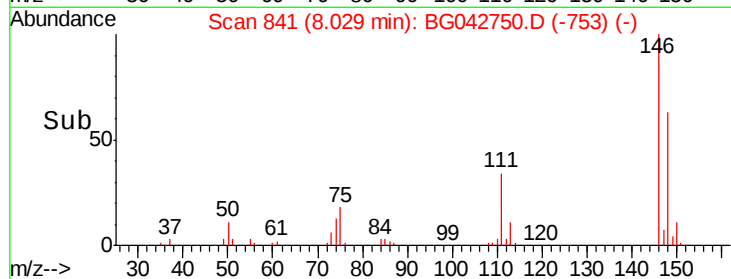
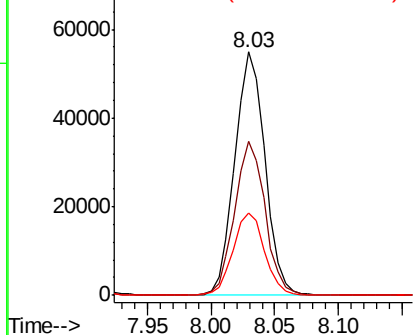
#13
 1,4-Dichlorobenzene
 Concen: 42.172 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion:146 Resp: 90688
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.5 74.3
 111 33.6 28.1 42.1

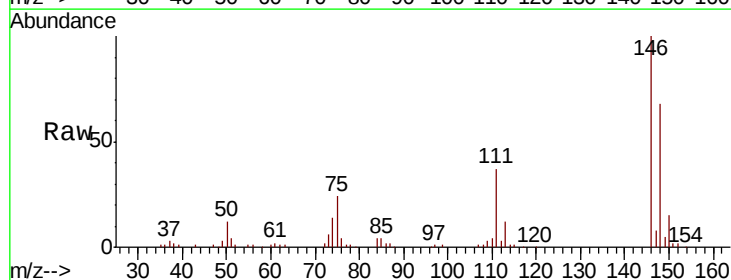


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

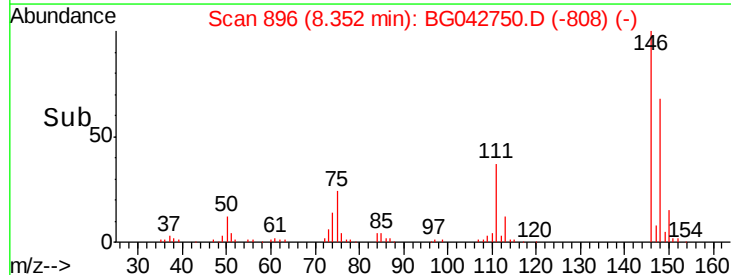
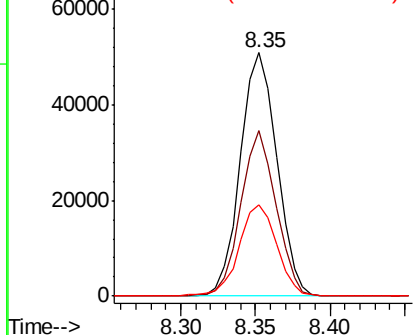


#14
 1,2-Dichlorobenzene
 Concen: 42.041 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion:146 Resp: 86579
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.8 77.6
 111 37.4 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: 48.316 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

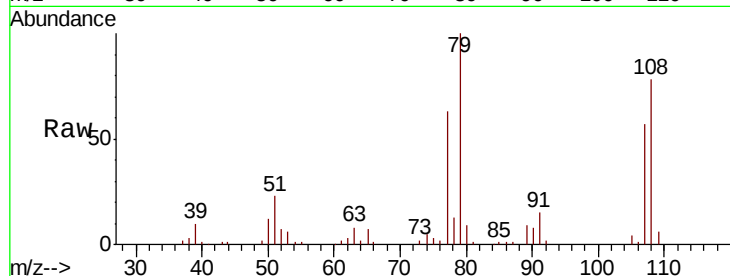
Tot Ion: 79 Resp: 64657

Ion Ratio Lower Upper

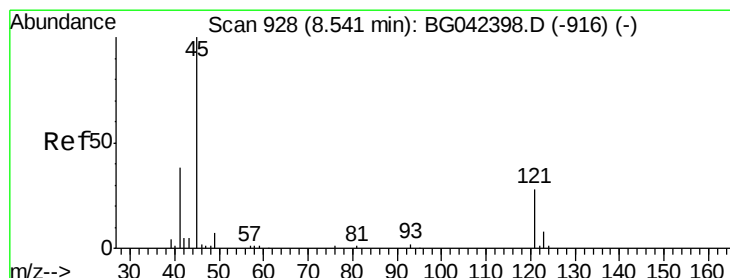
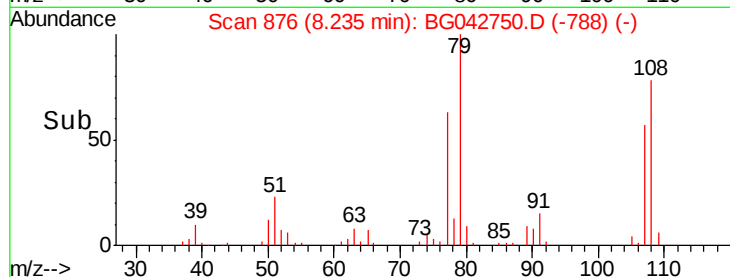
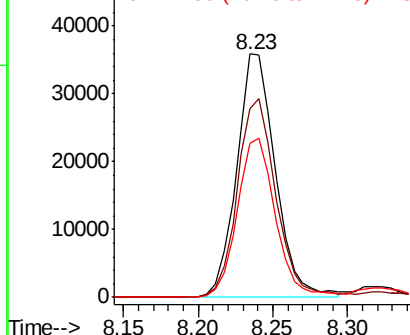
79 100

108 77.7 67.4 101.2

77 63.2 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.731 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

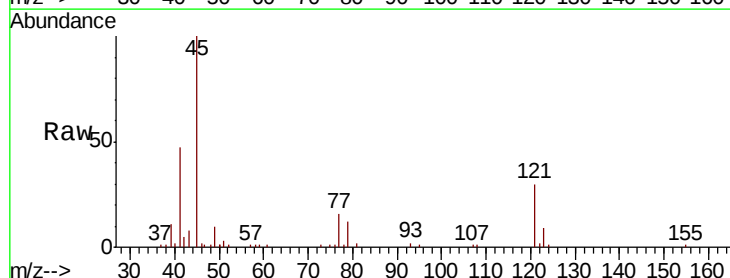
Tgt Ion: 45 Resp: 77971

Ion Ratio Lower Upper

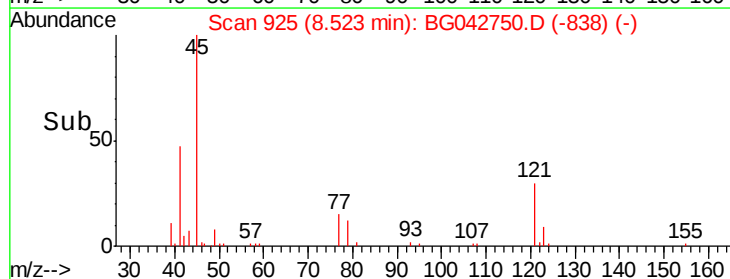
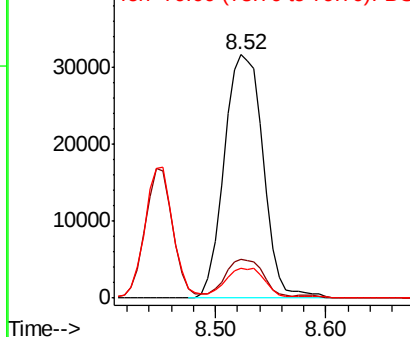
45 100

77 16.2 0.0 35.6

79 12.4 0.0 31.6



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

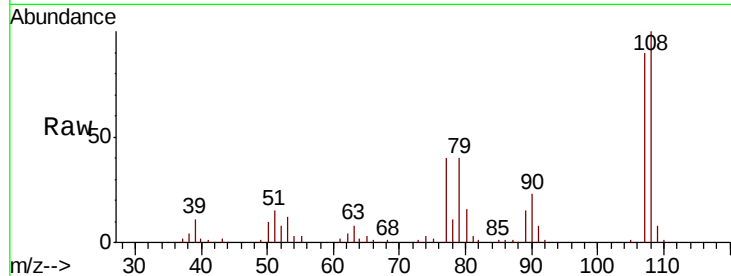




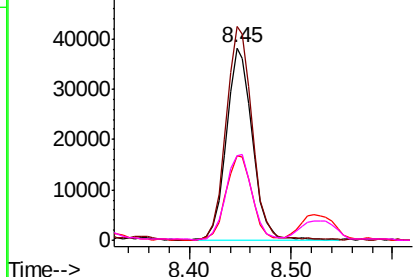
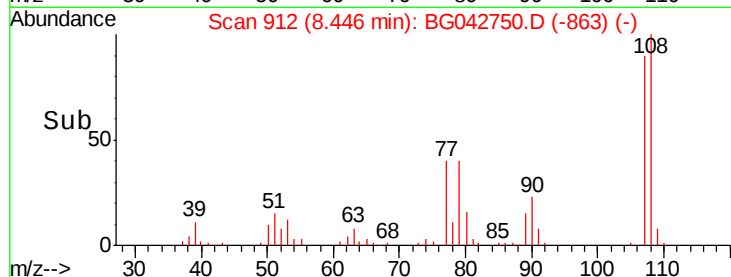
#17
2-Methylphenol
Concen: 48.420 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:107 Resp: 67448
Ion Ratio Lower Upper
107 100
108 111.0 92.9 139.3
77 44.2 34.4 51.6
79 44.2 33.8 50.6

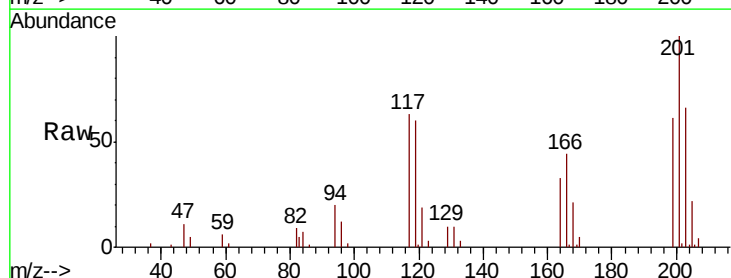


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

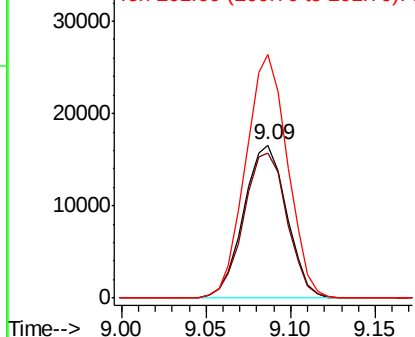
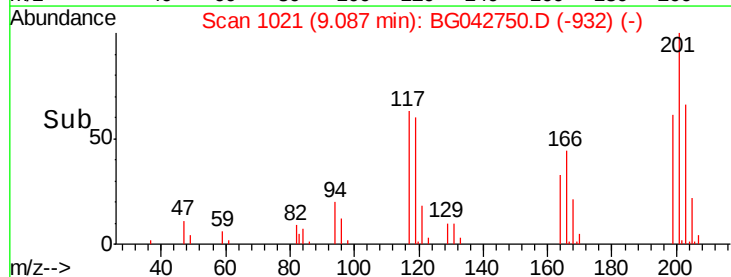


#18
Hexachloroethane
Concen: 39.839 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:117 Resp: 29329
Ion Ratio Lower Upper
117 100
119 95.0 73.8 110.8
201 158.8 108.3 162.5



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

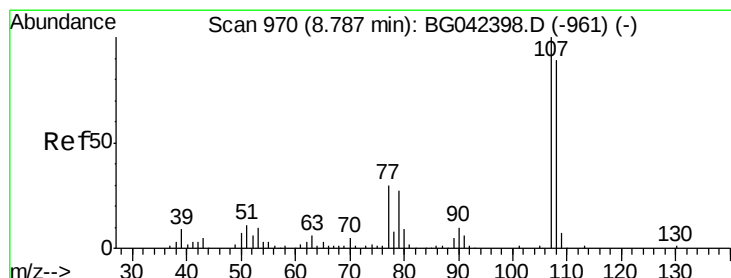
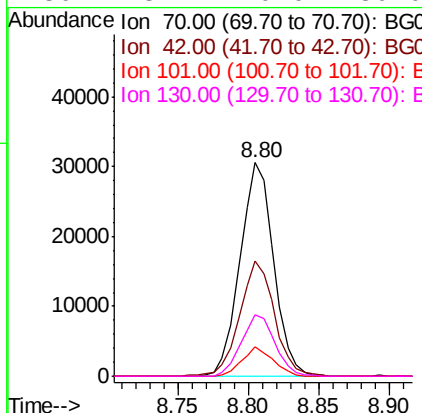
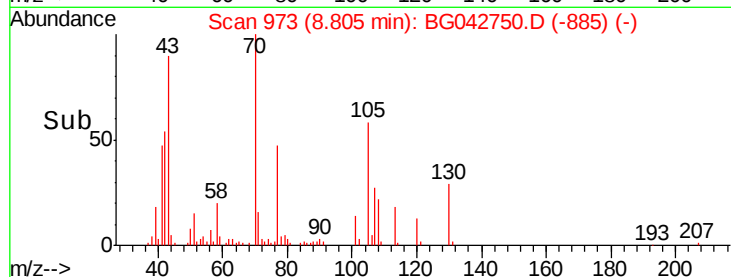
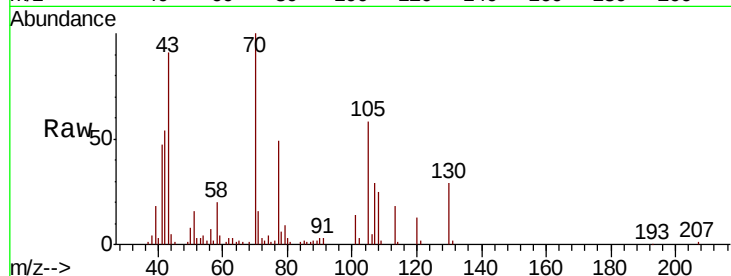




#19
n-Nitroso-di-n-propylamine
Concen: 42.070 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

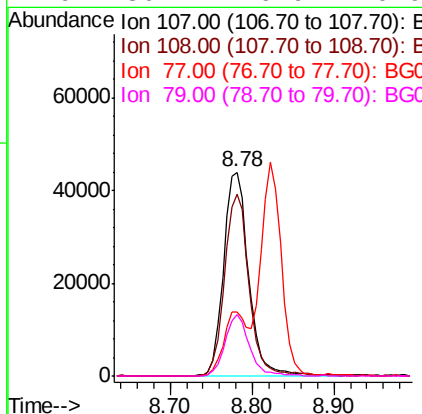
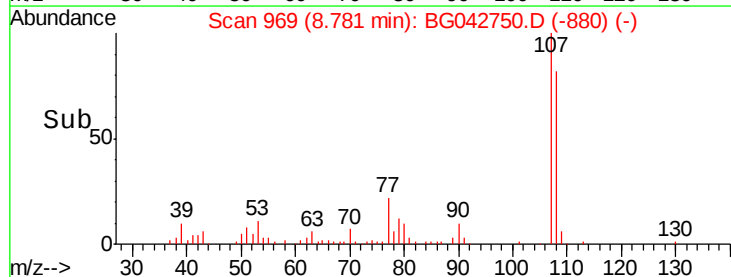
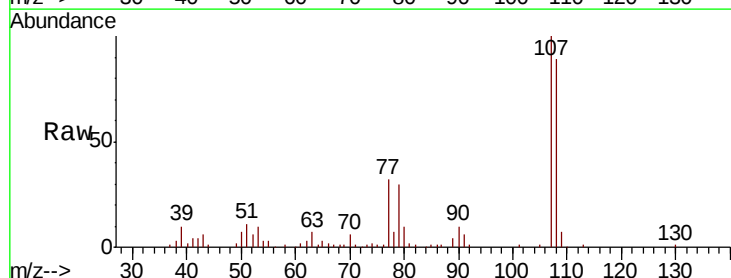
Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:	70	Resp:	50697
Ion	Ratio	Lower	Upper
70	100		
42	54.0	38.8	58.2
101	13.6	9.0	13.6#
130	28.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 48.460 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:	107	Resp:	93408
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.7	108.7
77	31.5	10.2	50.2
79	30.2	6.9	46.9

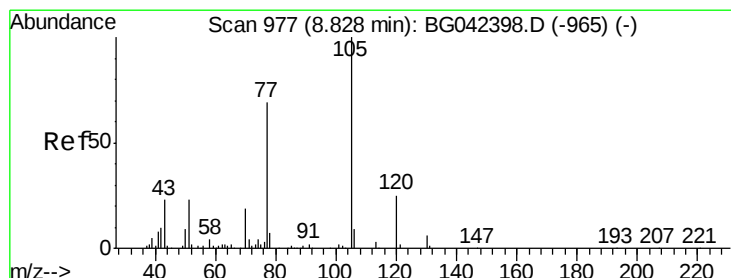
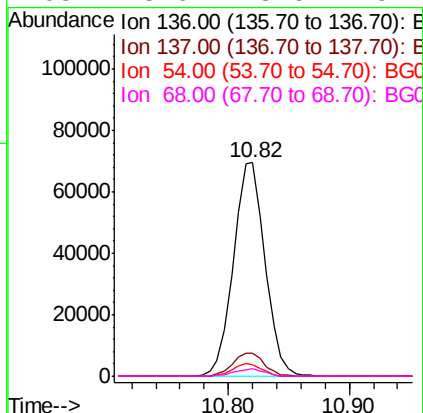
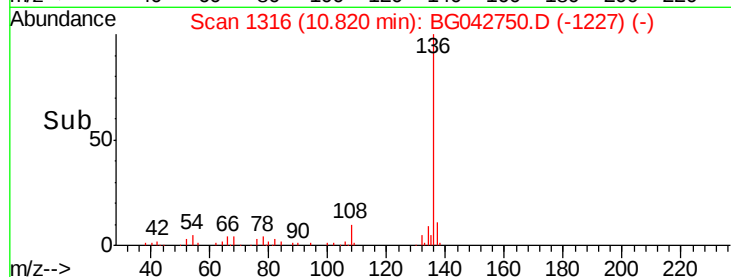
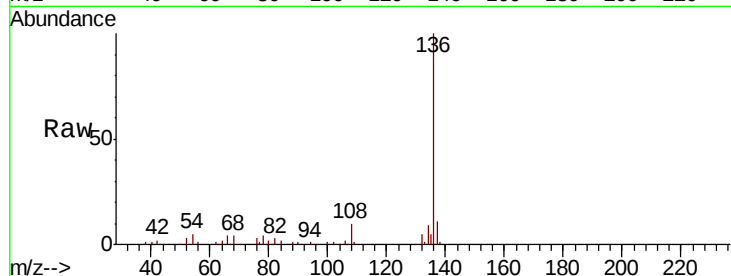




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

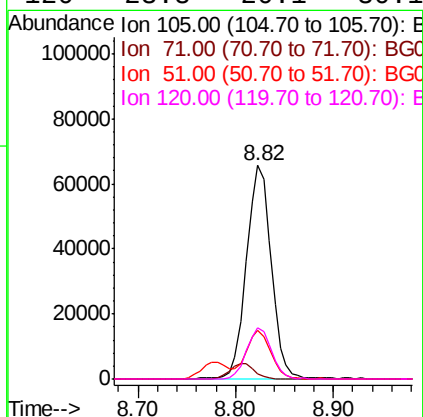
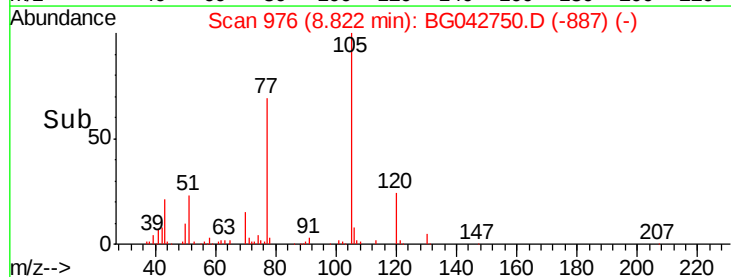
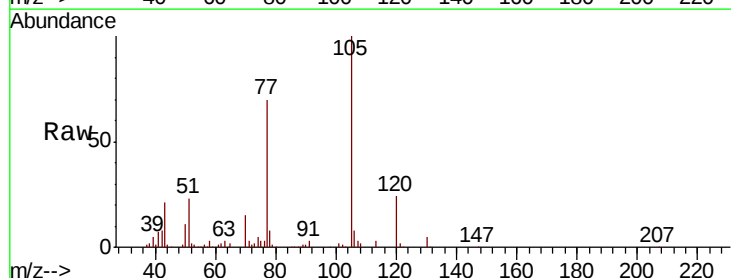
Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:136	Resp:	126249
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 5.3	4.9	7.3
68 3.6	3.6	5.4



#22
Acetophenone
Concen: 43.152 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:105	Resp:	116520
Ion Ratio	Lower	Upper
105 100		
71 2.5	2.8	4.2#
51 23.1	18.7	28.1
120 23.8	20.1	30.1

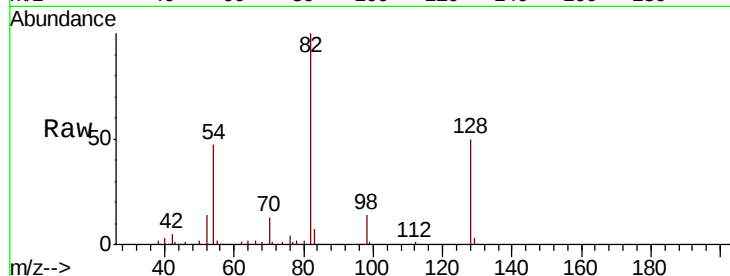




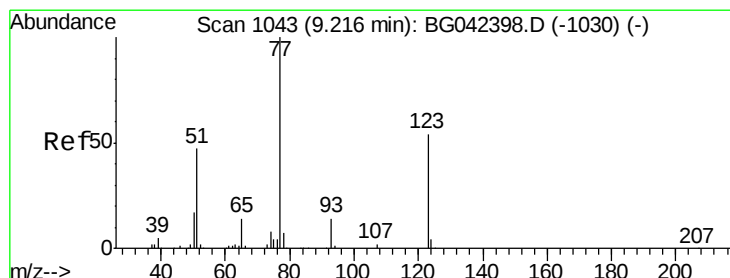
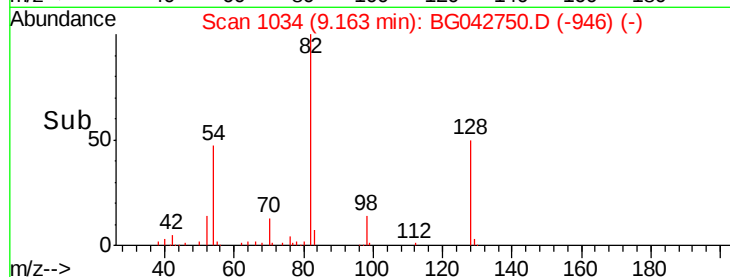
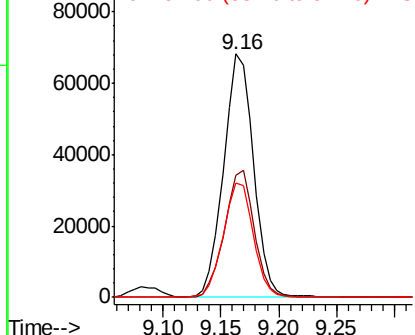
#23
 Nitrobenzene-d5
 Concen: 67.212 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion: 82 Resp: 122793
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.7 61.1
 54 47.0 36.3 54.5

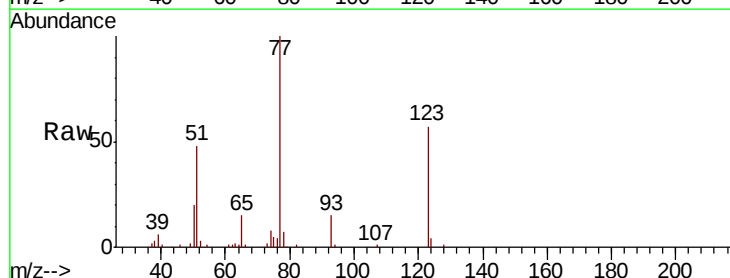


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

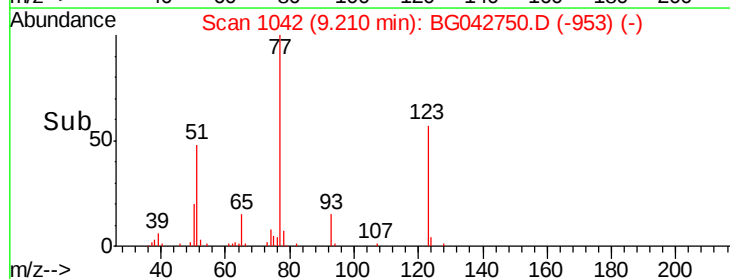
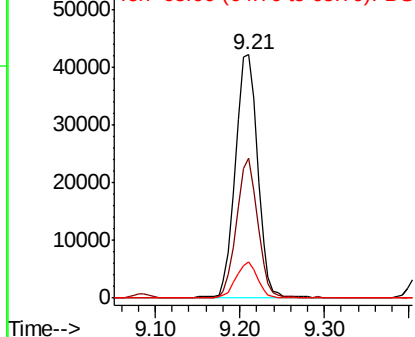


#24
 Nitrobenzene
 Concen: 41.513 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion: 77 Resp: 76801
 Ion Ratio Lower Upper
 77 100
 123 57.3 43.4 65.0
 65 15.0 11.0 16.6



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





#25

Isophorone

Concen: 41.078 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

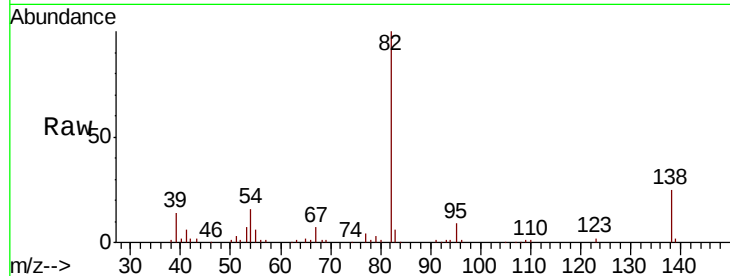
Tot Ion: 82 Resp: 148107

Ion Ratio Lower Upper

82 100

95 9.3 6.6 9.8

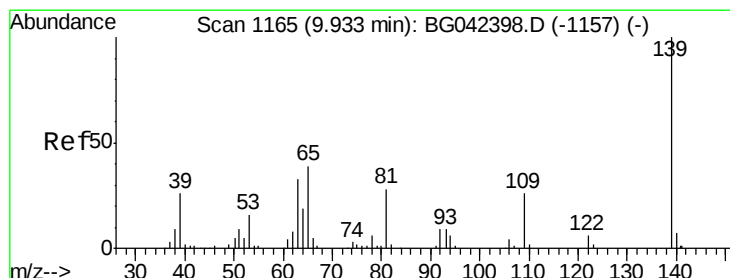
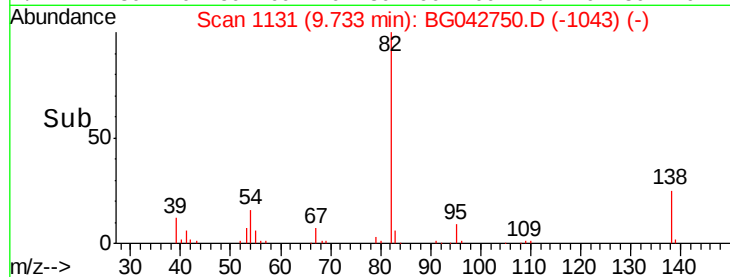
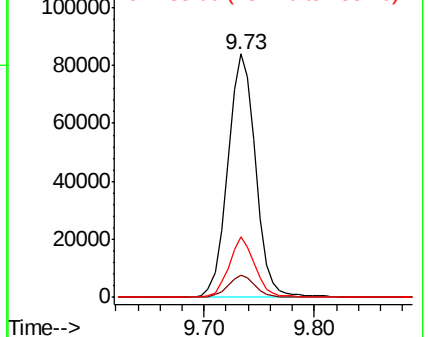
138 24.8 18.6 27.8



Abundance Ion 82.00 (81.70 to 82.70): BG042750.D (-1043) (-)

Ion 95.00 (94.70 to 95.70): BG042750.D (-1043) (-)

Ion 138.00 (137.70 to 138.70): BG042750.D (-1043) (-)



#26

2-Nitrophenol

Concen: 44.457 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

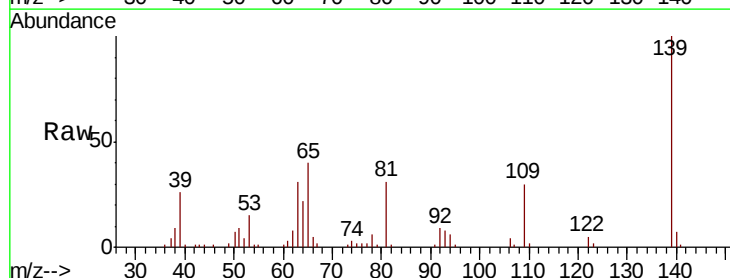
Tgt Ion: 139 Resp: 51541

Ion Ratio Lower Upper

139 100

109 29.7 20.5 30.7

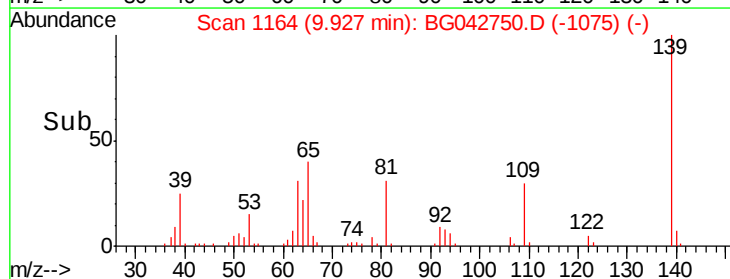
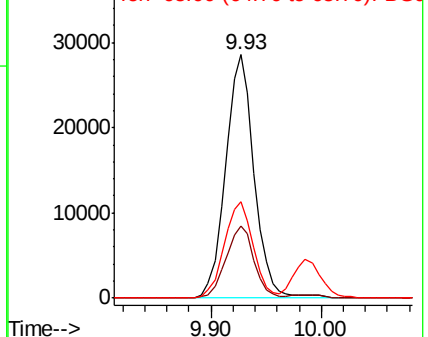
65 39.6 30.9 46.3



Abundance Ion 139.00 (138.70 to 139.70): BG042750.D (-1075) (-)

Ion 109.00 (108.70 to 109.70): BG042750.D (-1075) (-)

Ion 65.00 (64.70 to 65.70): BG042750.D (-1075) (-)

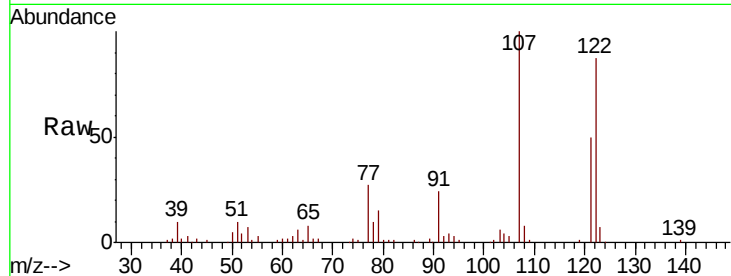




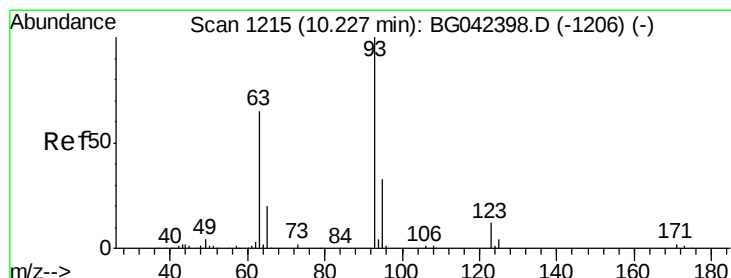
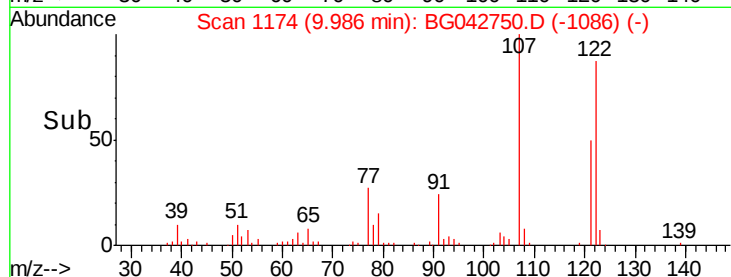
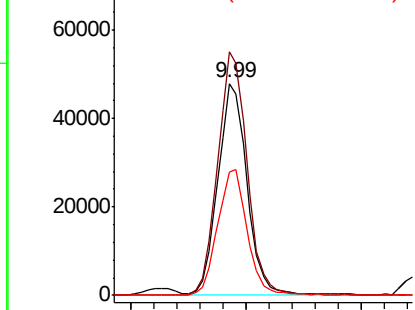
#27
 2,4-Dimethylphenol
 Concen: 51.763 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion:122 Resp: 82666
 Ion Ratio Lower Upper
 122 100
 107 114.8 90.8 136.2
 121 57.9 49.6 74.4

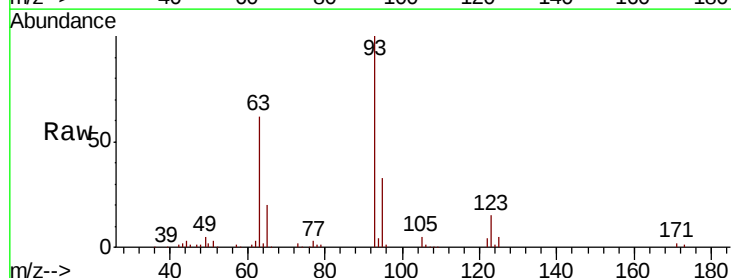


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

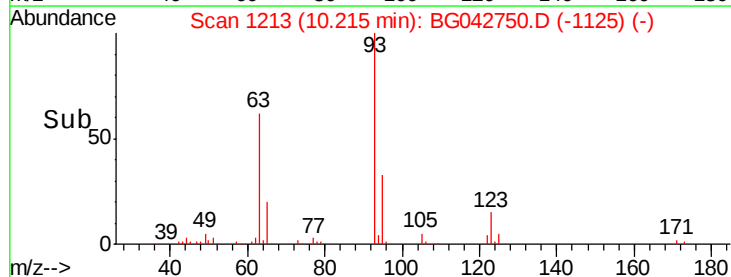
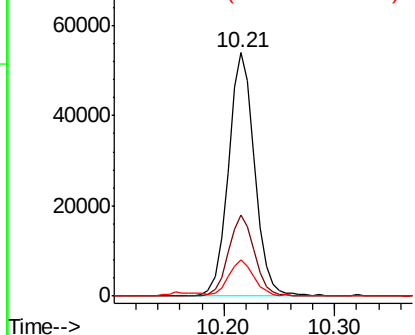


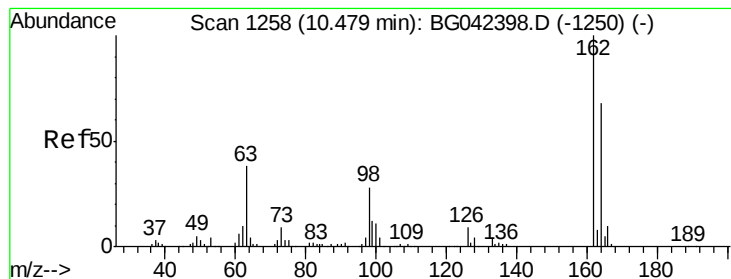
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.418 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion: 93 Resp: 89576
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 40.0
 123 15.0 10.1 15.1



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





#29

2,4-Dichlorophenol

Concen: 49.428 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

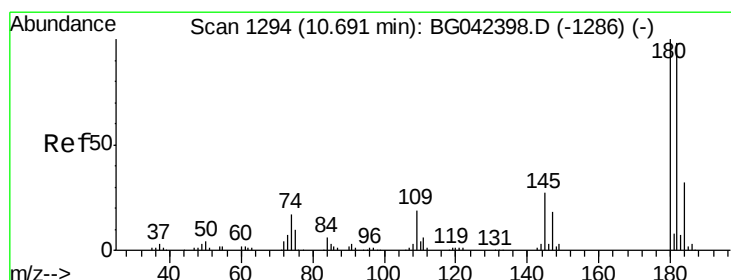
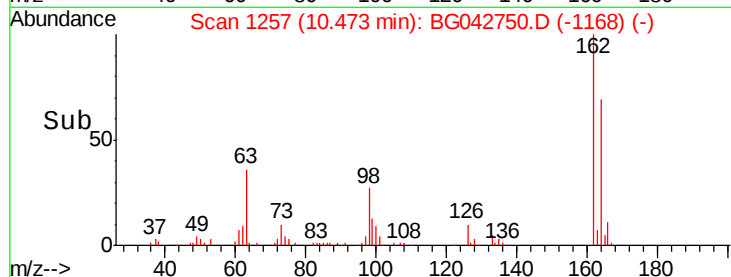
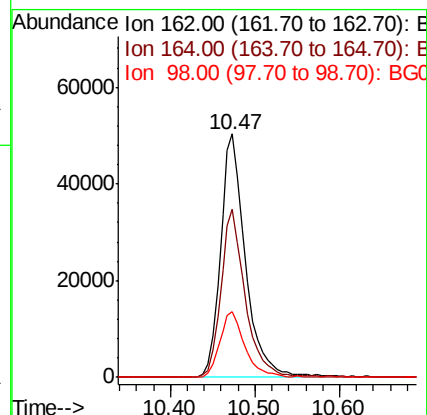
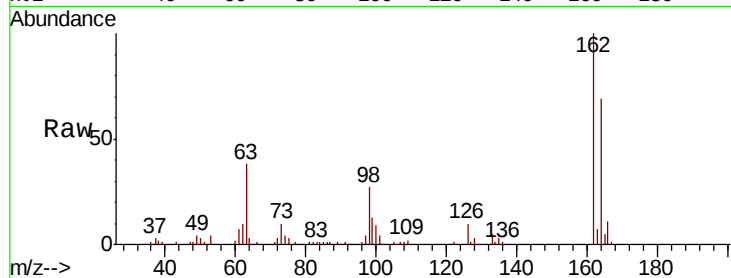
Tot Ion:162 Resp: 103278

Ion Ratio Lower Upper

162 100

164 69.2 48.1 88.1

98 27.2 7.6 47.6



#30

1,2,4-Trichlorobenzene

Concen: 42.738 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

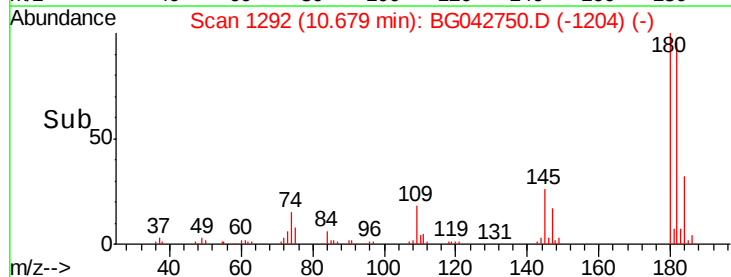
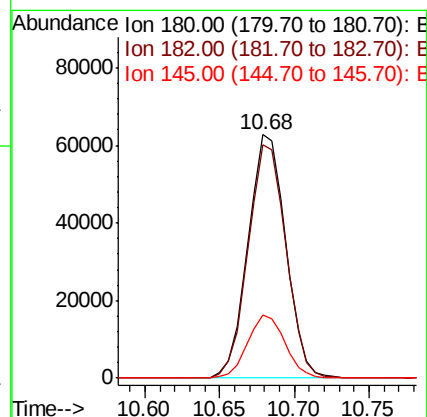
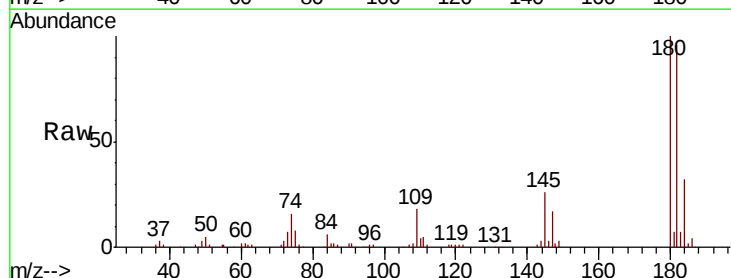
Tgt Ion:180 Resp: 109608

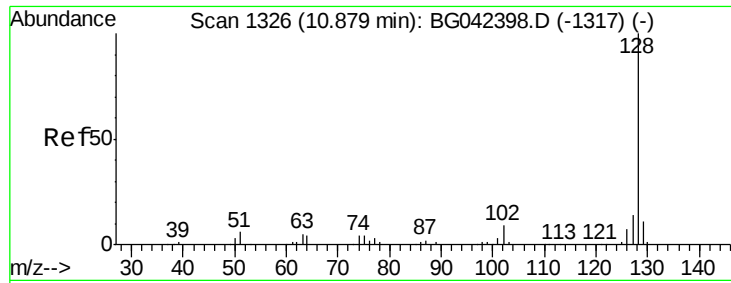
Ion Ratio Lower Upper

180 100

182 96.0 78.7 118.1

145 25.8 21.6 32.4

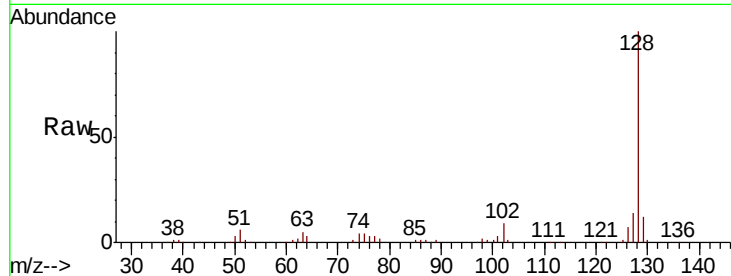




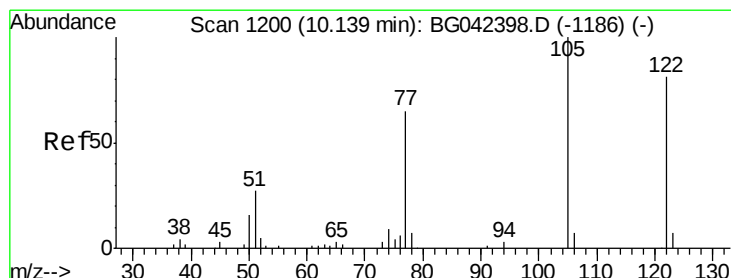
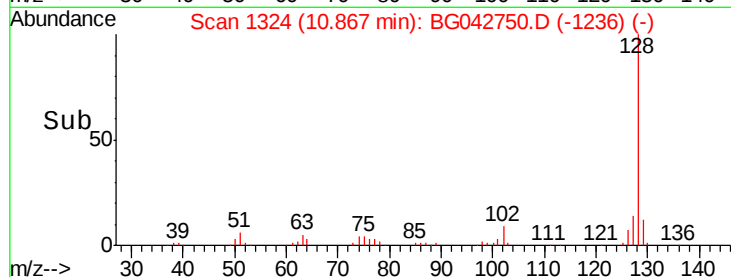
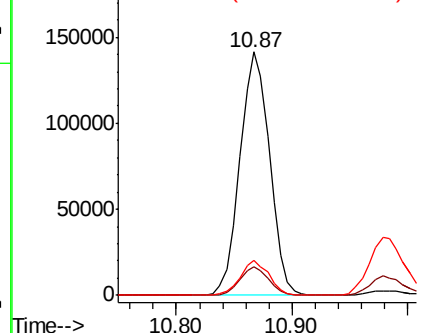
#31
Naphthalene
Concen: 43.006 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:128 Resp: 252076
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.2 11.4 17.0

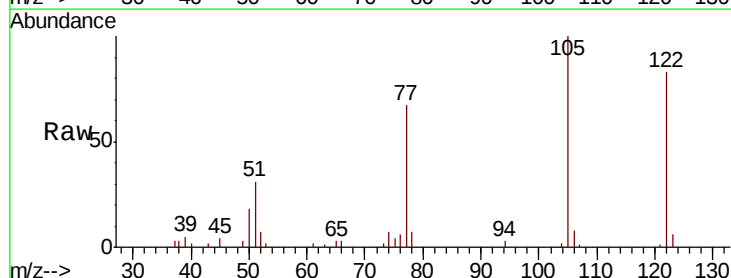


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

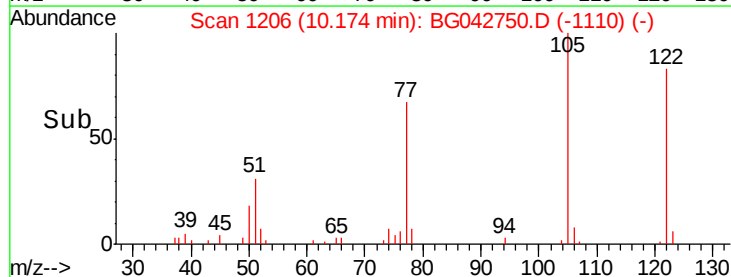
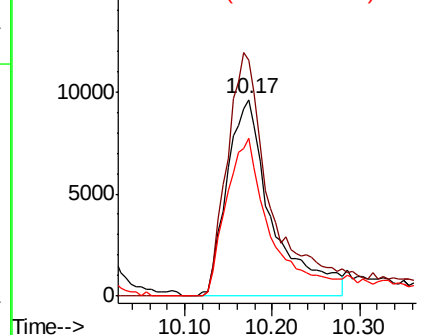


#32
Benzoic acid
Concen: 32.585 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.04 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:122 Resp: 34103
Ion Ratio Lower Upper
122 100
105 119.8 99.6 139.6
77 80.1 59.5 99.5



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

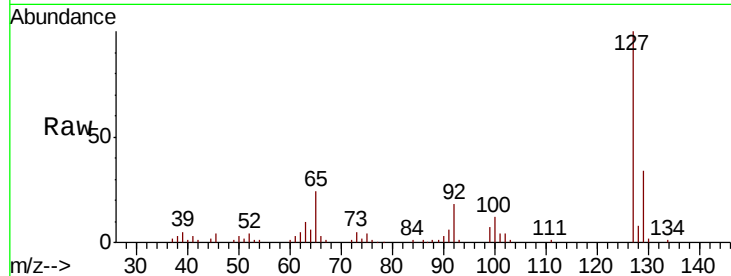




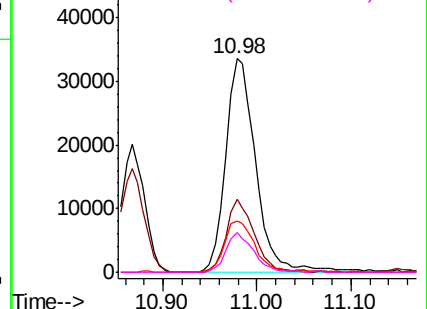
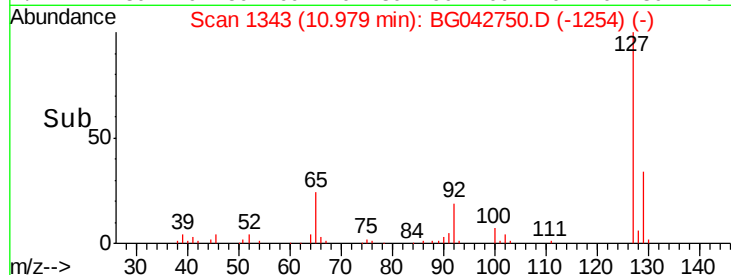
#33
4-Chloroaniline
Concen: 27.503 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:	127	Resp:	74418
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.8	40.2
65	23.8	20.7	31.1
92	18.5	13.6	20.4

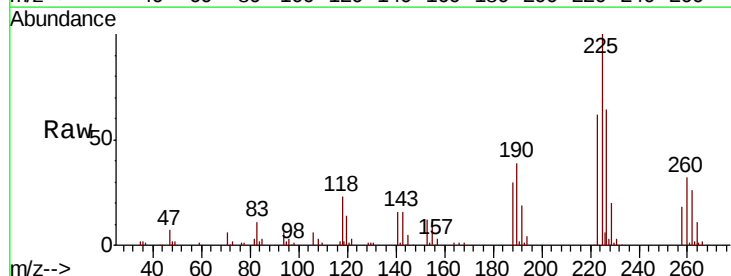


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

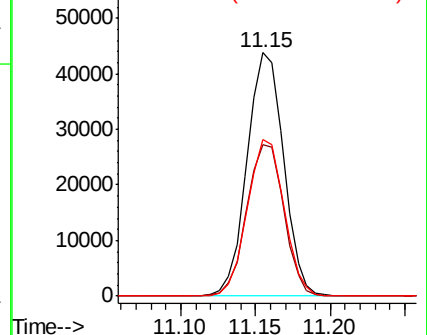
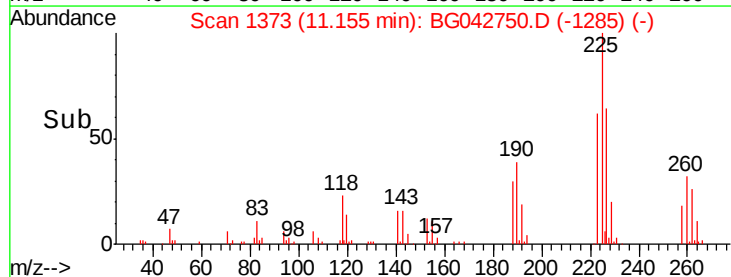


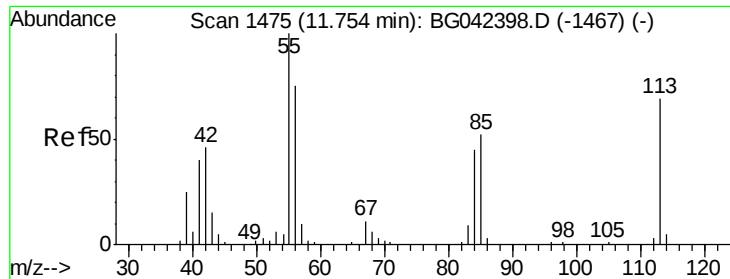
#34
Hexachlorobutadiene
Concen: 43.010 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:	225	Resp:	74133
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.6
227	67.3	50.9	76.3



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





#35

Caprolactam

Concen: 26.415 ng

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

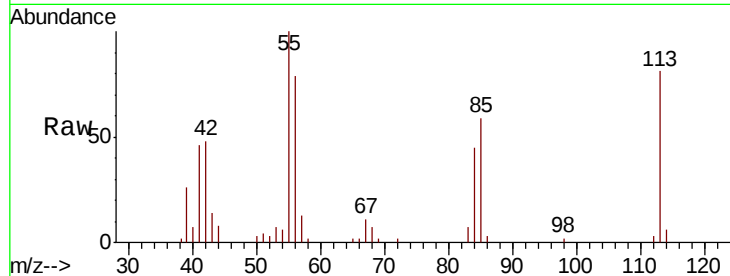
Tot Ion:113 Resp: 18417

Ion Ratio Lower Upper

113 100

55 124.1 124.6 164.6#

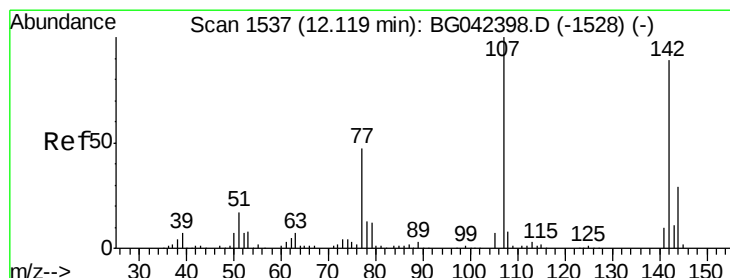
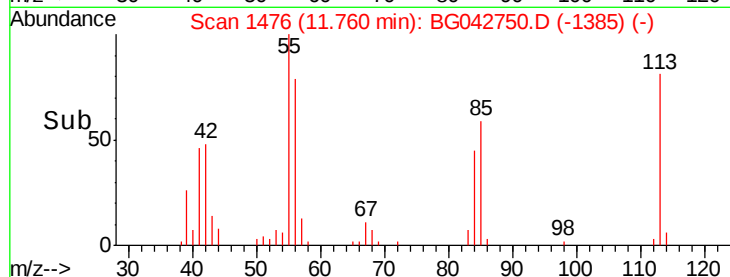
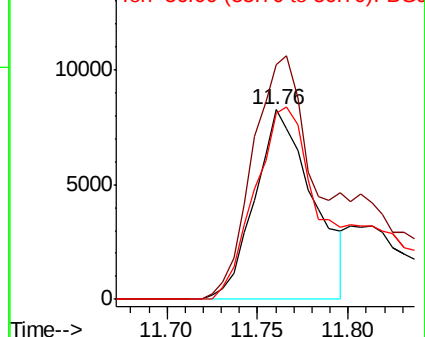
56 98.1 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.428 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

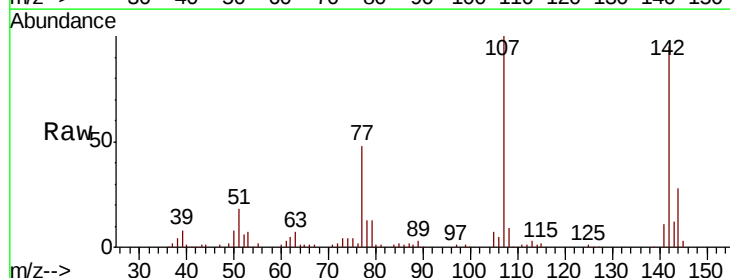
Tgt Ion:107 Resp: 94074

Ion Ratio Lower Upper

107 100

144 28.1 23.6 35.4

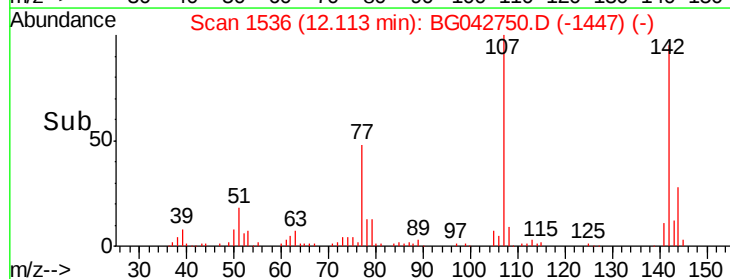
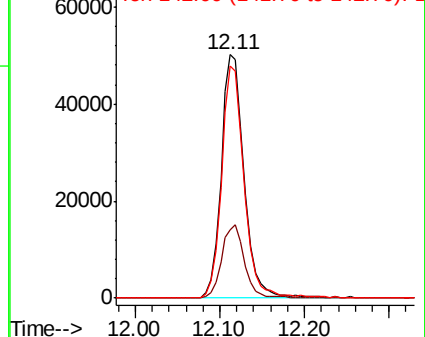
142 95.1 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

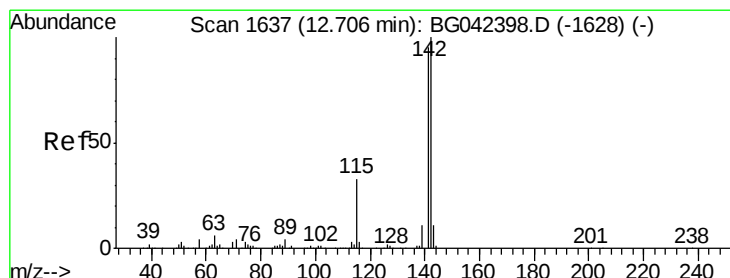
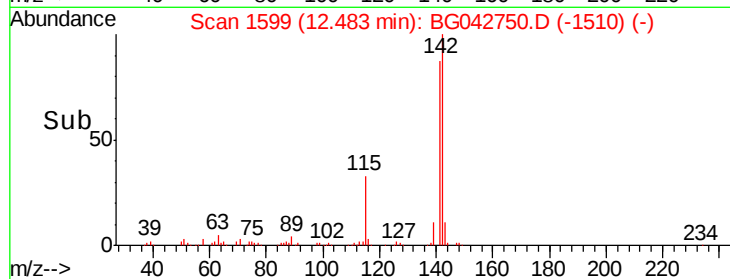
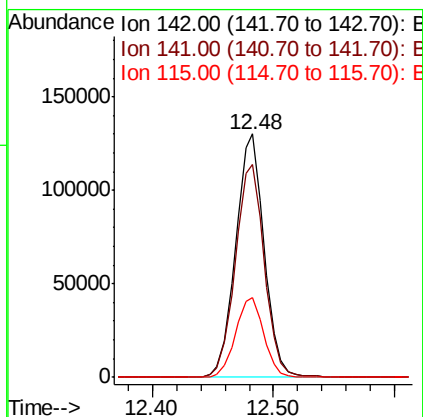
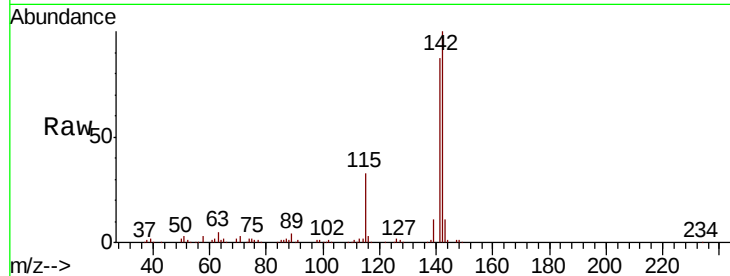




#37
2-Methylnaphthalene
Concen: 45.402 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

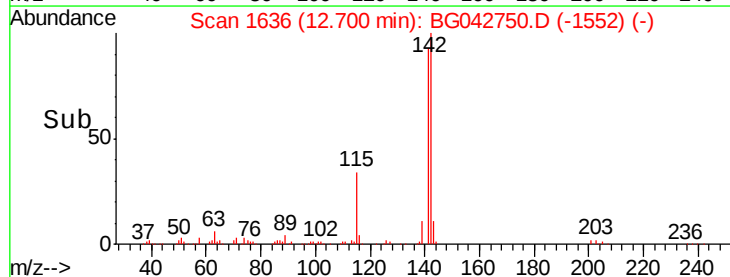
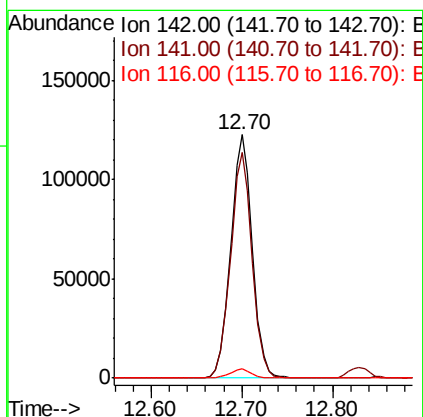
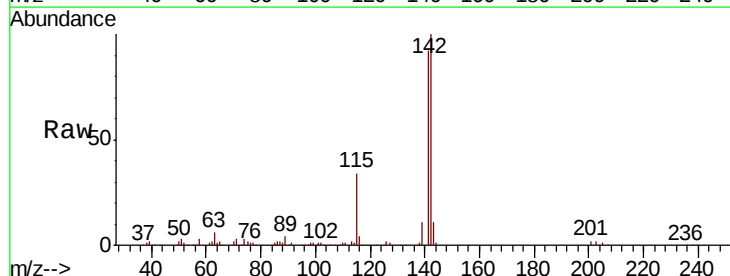
Instrument :
BNA_G
ClientSampleId :
PB122825BS

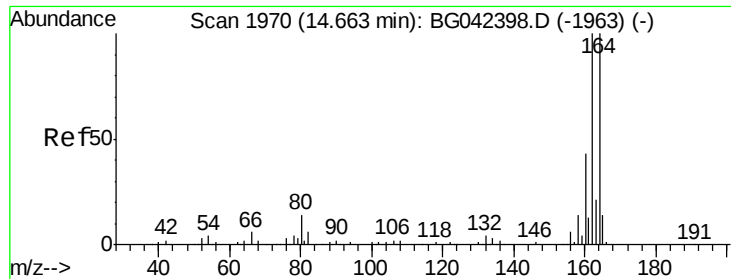
Tot Ion:142 Resp: 213681
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.2
115 32.5 25.2 37.8



#38
1-Methylnaphthalene
Concen: 45.287 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:142 Resp: 202458
Ion Ratio Lower Upper
142 100
141 92.5 76.2 114.2
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

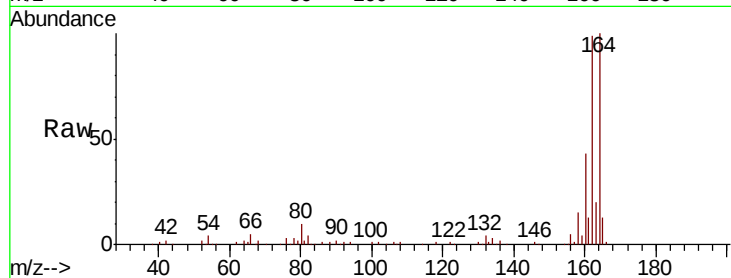
Tot Ion:164 Resp: 103773

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

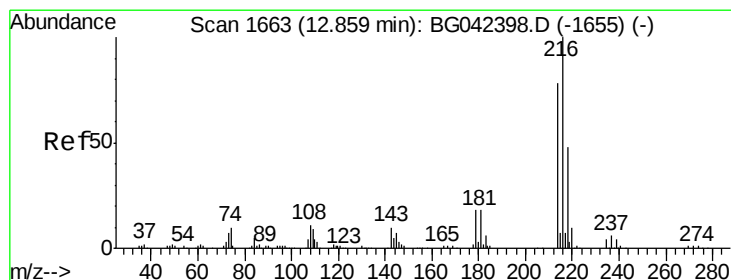
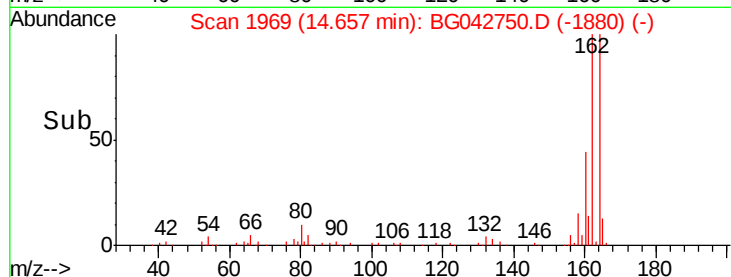
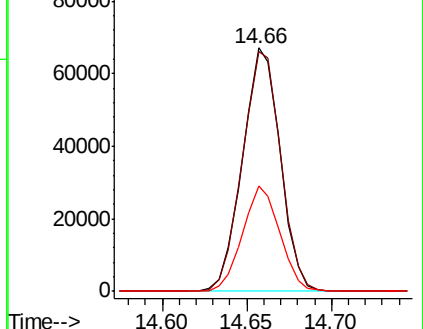
160 43.1 34.3 51.5



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: 45.119 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Tgt Ion:216 Resp: 150359

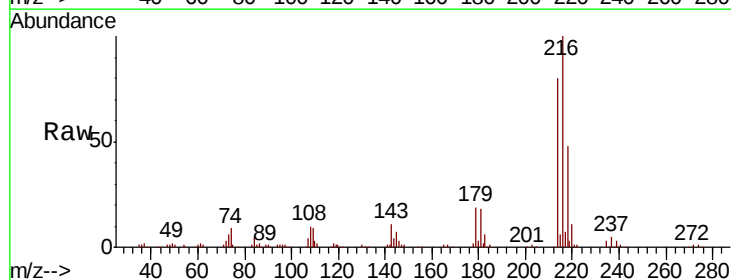
Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.2

179 18.4 15.1 22.7

108 11.3 9.4 14.0

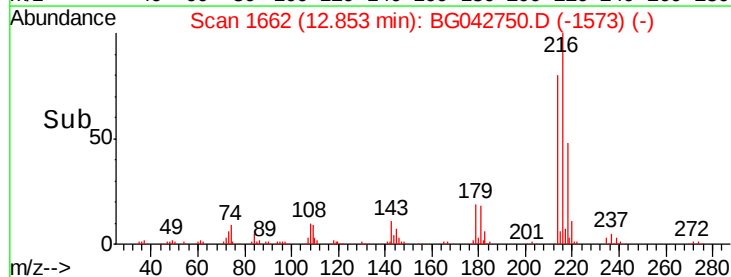
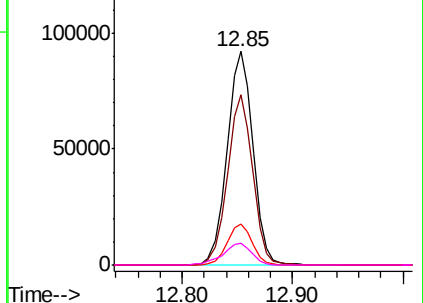


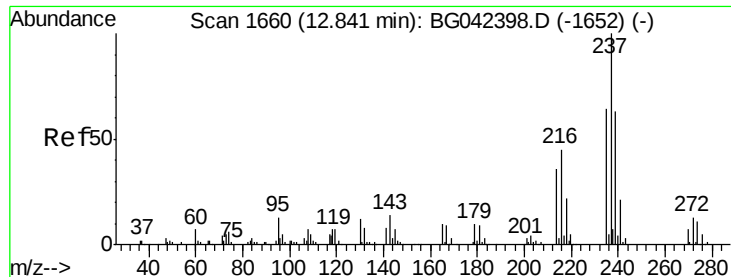
Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.796 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

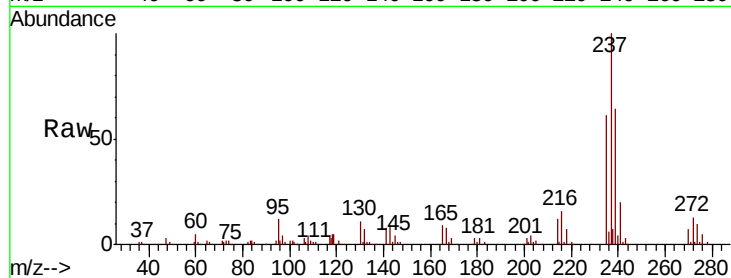
Tot Ion:237 Resp: 97673

Ion Ratio Lower Upper

237 100

235 61.2 43.7 83.7

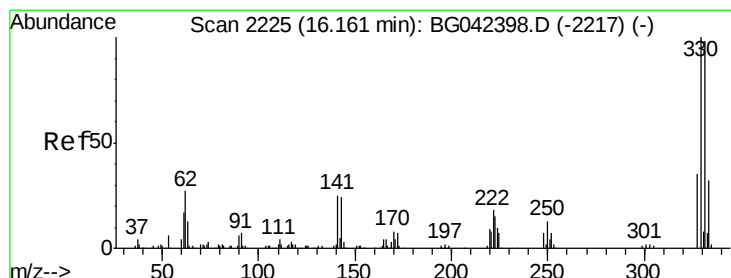
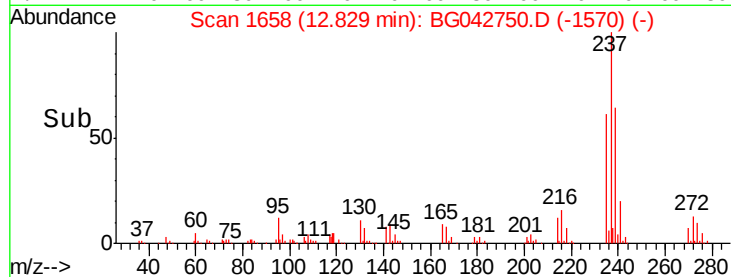
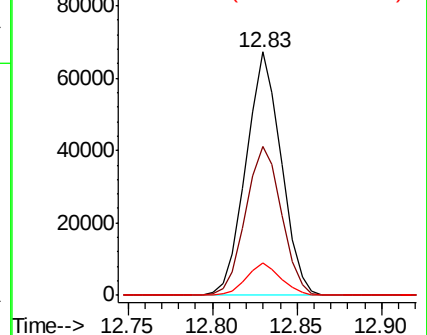
272 13.2 0.0 33.3



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: 127.265 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

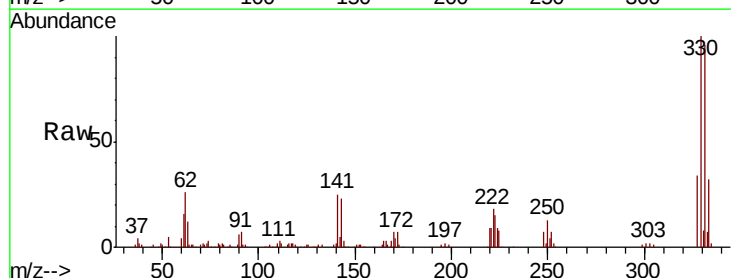
Tgt Ion:330 Resp: 187711

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

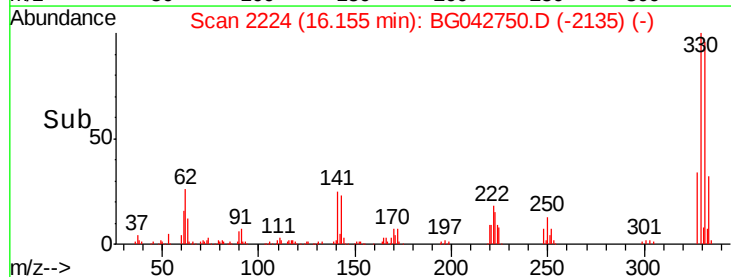
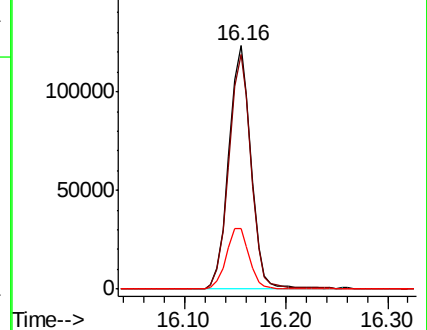
141 25.8 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

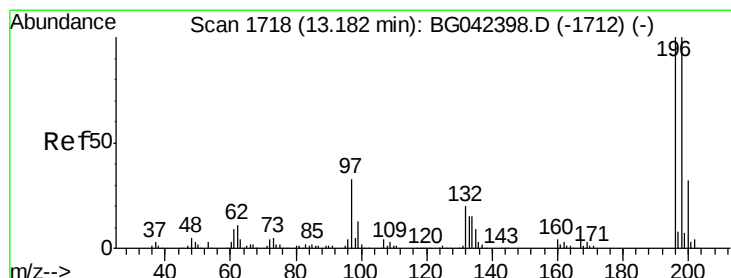
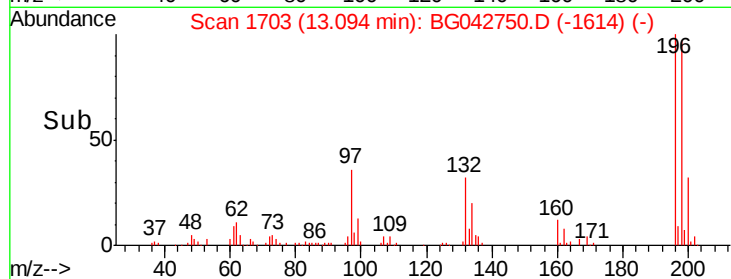
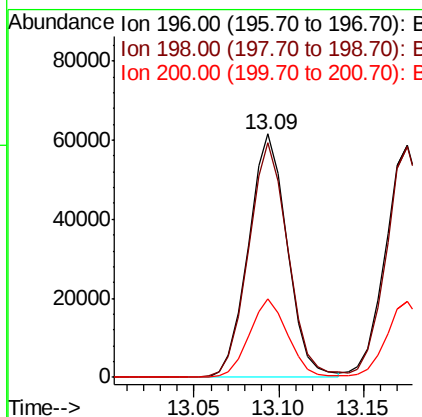
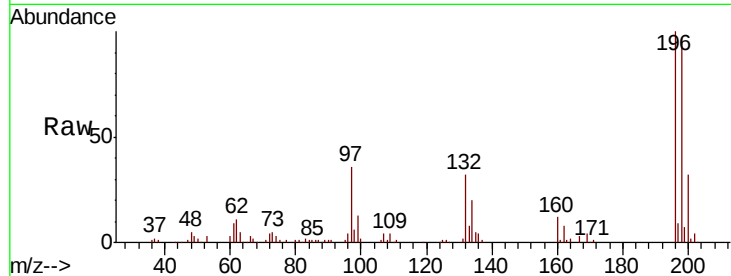




#43
 2,4,6-Trichlorophenol
 Concen: 43.692 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

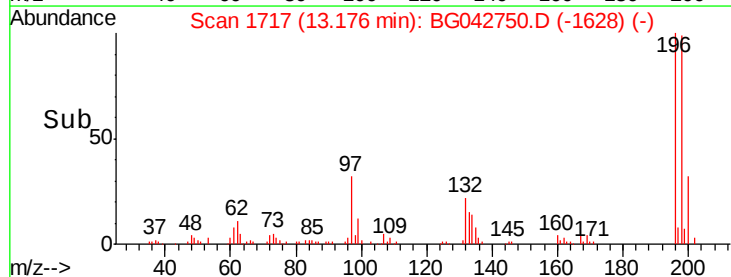
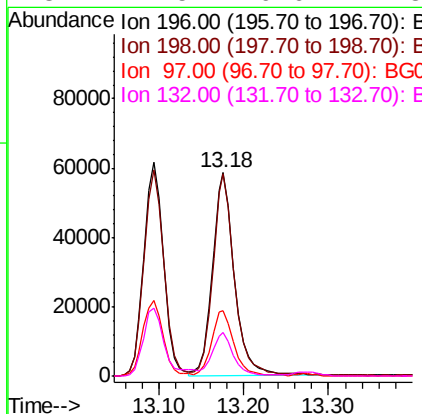
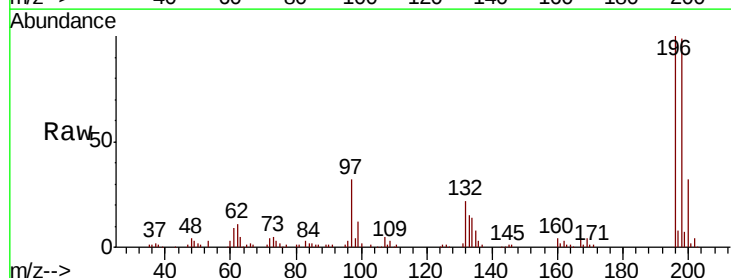
Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion:196 Resp: 98420
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.7 121.1
 200 32.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.796 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion:196 Resp: 106902
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.2 120.4
 97 31.9 26.3 39.5
 132 21.5 16.6 24.8

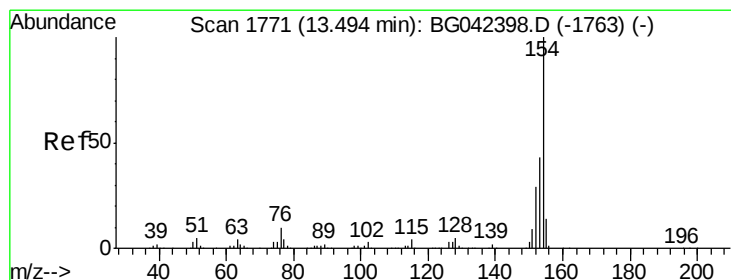
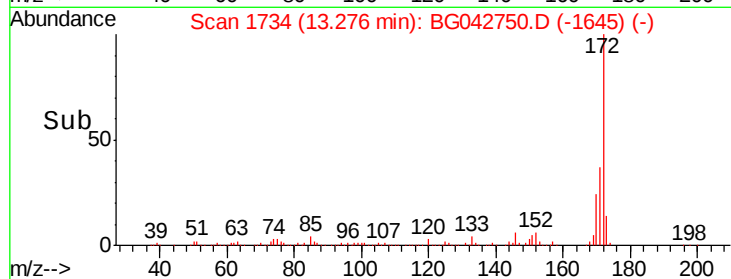
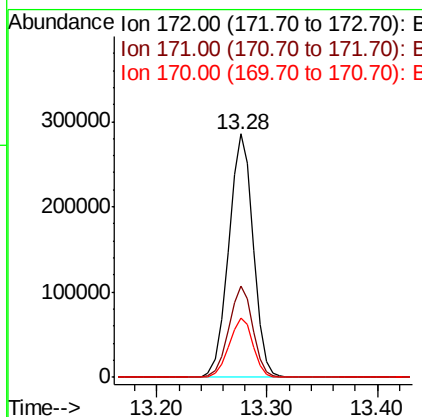
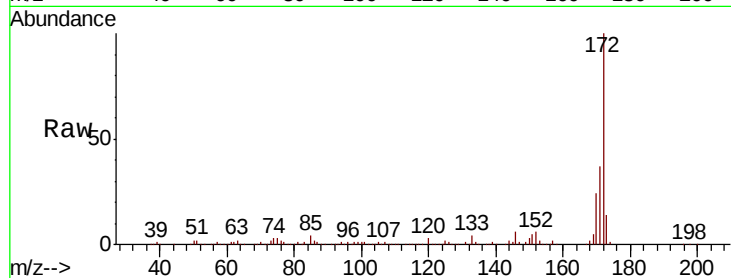




#45
2-Fluorobiphenyl
Concen: 72.127 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

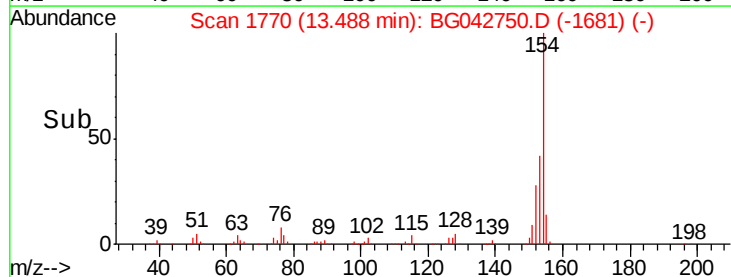
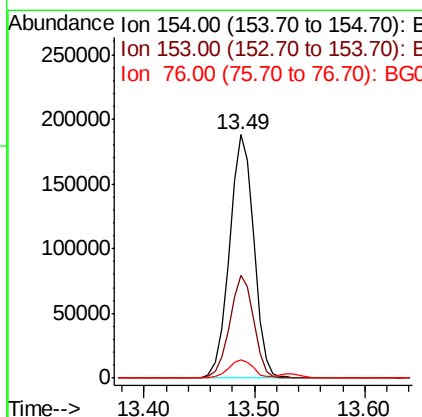
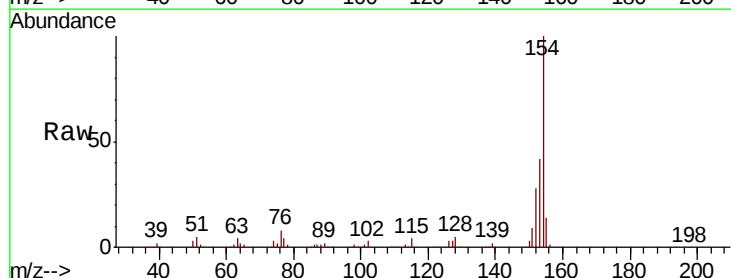
Instrument :
BNA_G
ClientSampleId :
PB122825BS

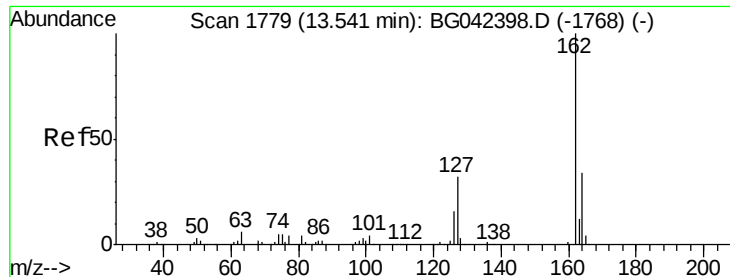
Tot Ion:172 Resp: 442551
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 43.337 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:154 Resp: 290700
Ion Ratio Lower Upper
154 100
153 42.2 23.0 63.0
76 7.6 0.0 29.6

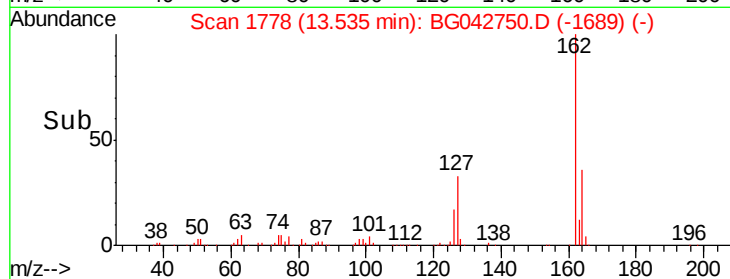
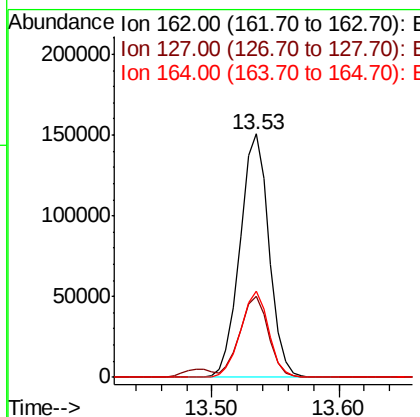
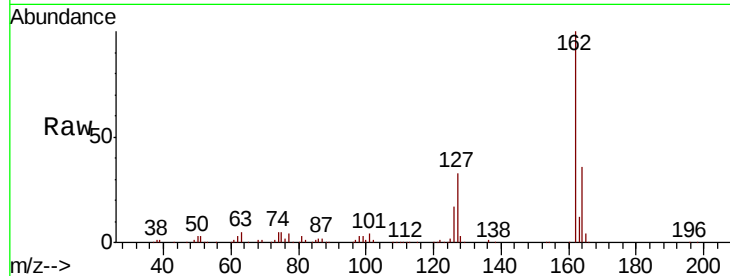




#47
2-Chloronaphthalene
Concen: 41.281 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

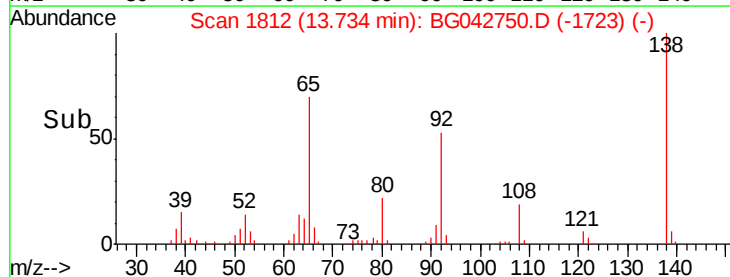
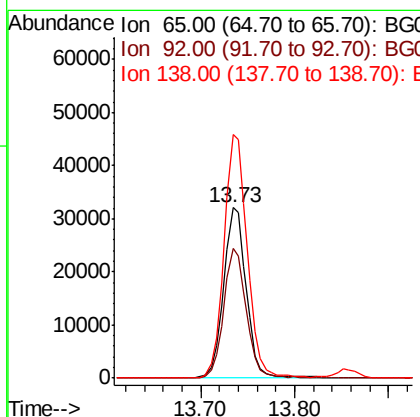
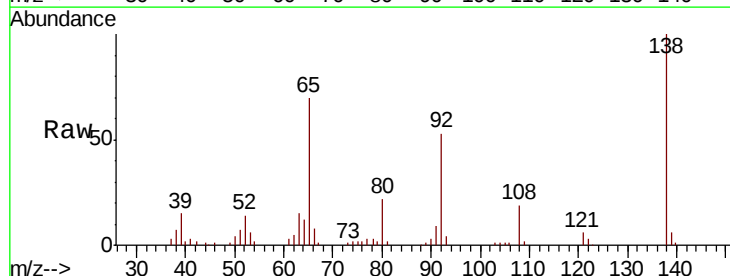
Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.3	26.0	39.0
164	35.6	27.4	41.0



#48
2-Nitroaniline
Concen: 38.468 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	61.8	92.6
138	143.0	111.0	166.6





#49

Acenaphthylene

Concen: 43.700 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

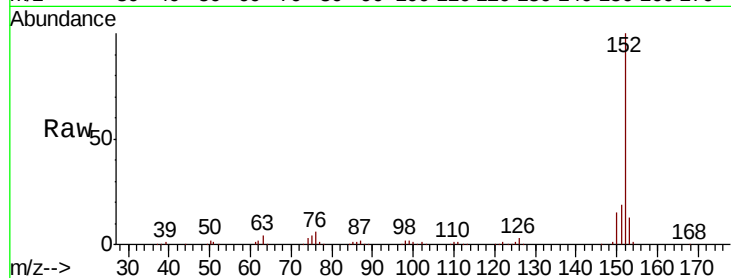
Tot Ion:152 Resp: 380275

Ion Ratio Lower Upper

152 100

151 19.2 17.0 25.4

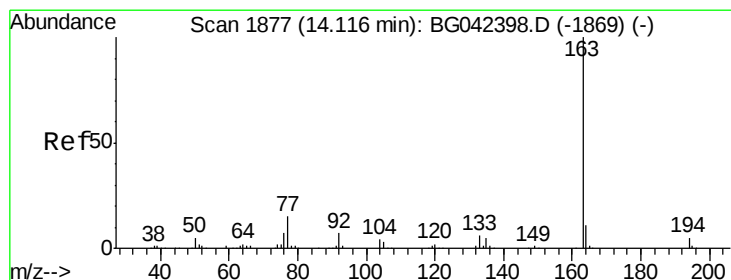
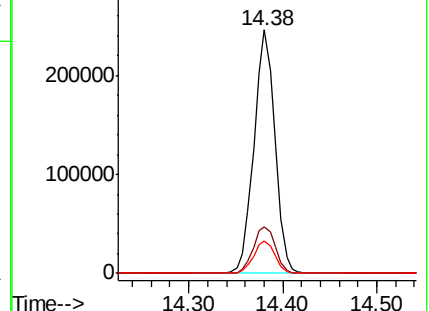
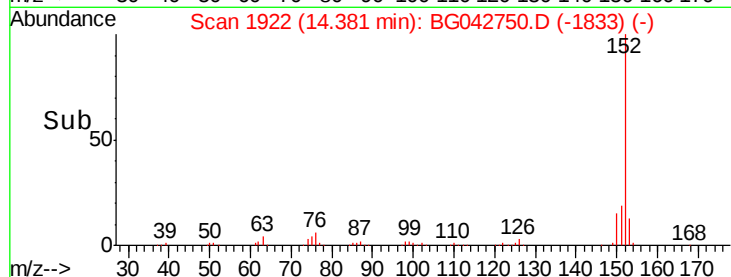
153 13.2 10.6 16.0



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: 43.489 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

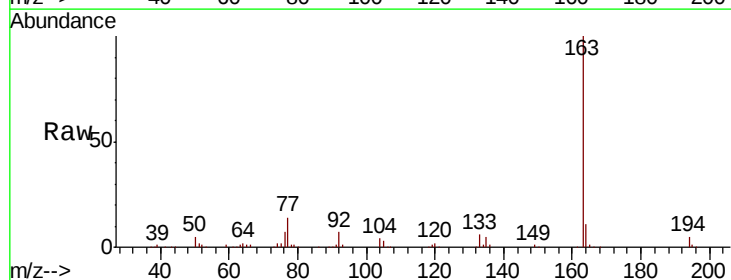
Tgt Ion:163 Resp: 325631

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

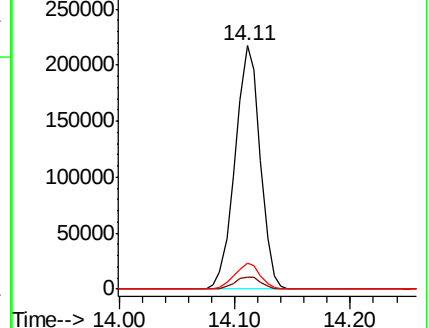
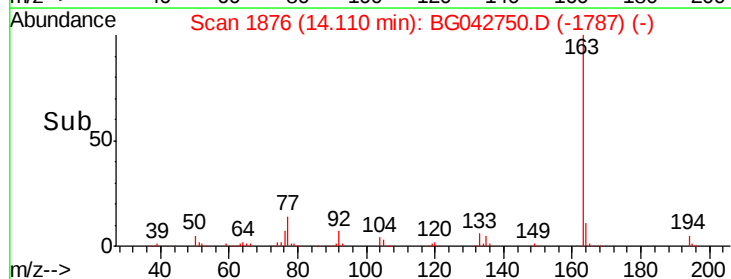
164 10.7 8.8 13.2

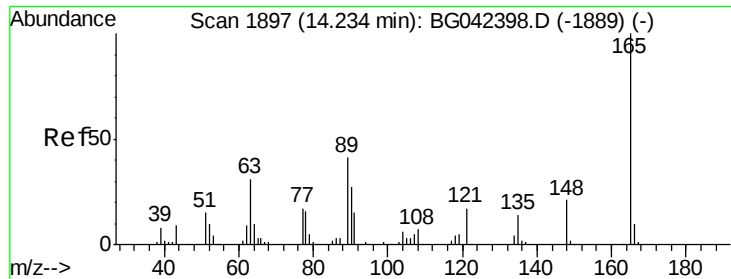


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.661 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

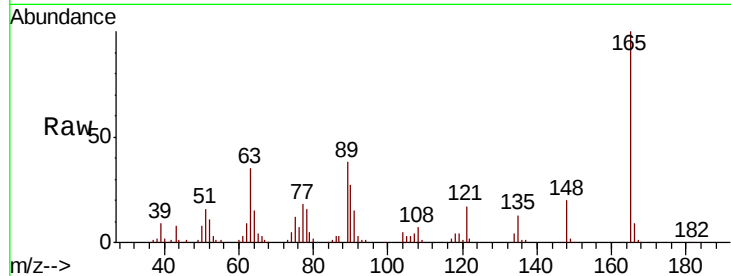
Tot Ion:165 Resp: 79248

Ion Ratio Lower Upper

165 100

63 35.1 30.6 45.8

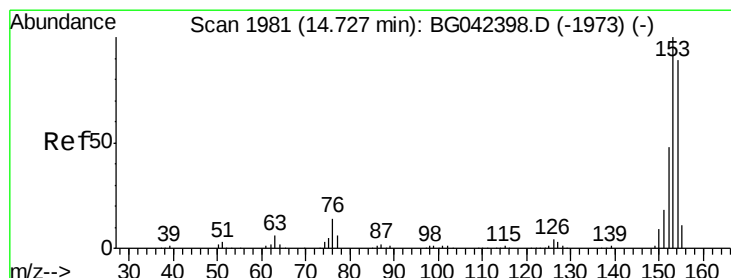
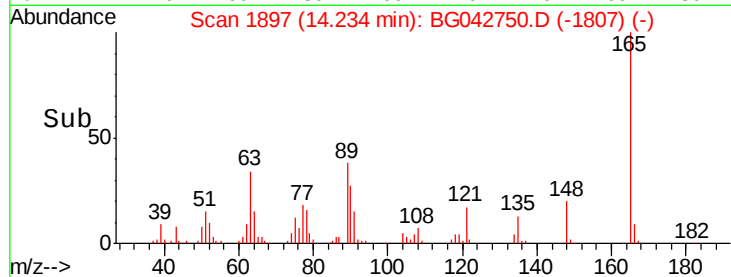
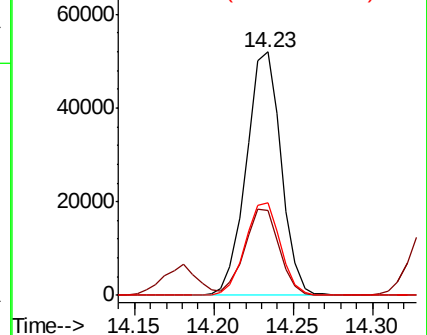
89 38.0 32.6 49.0



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: 42.089 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

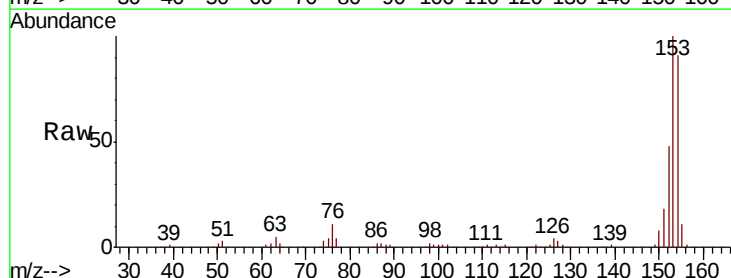
Tgt Ion:154 Resp: 222398

Ion Ratio Lower Upper

154 100

153 109.3 90.2 135.4

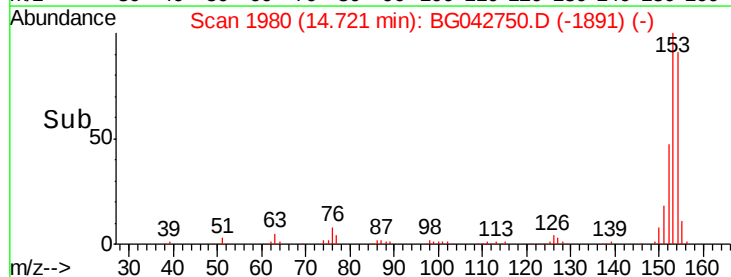
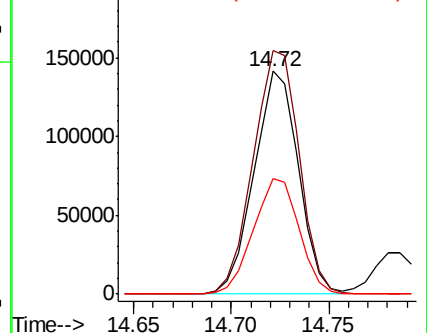
152 52.0 43.2 64.8



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

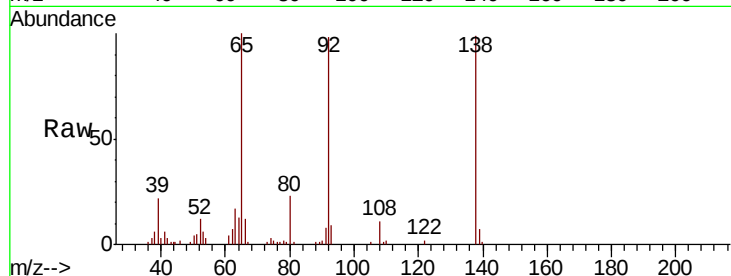




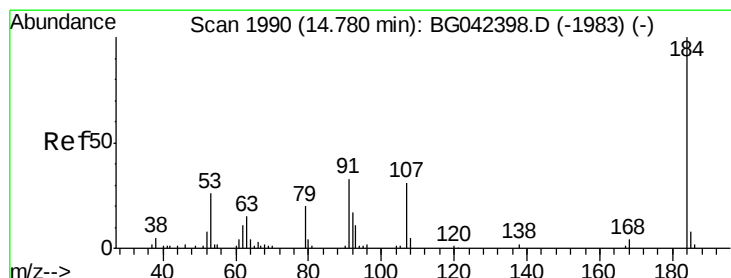
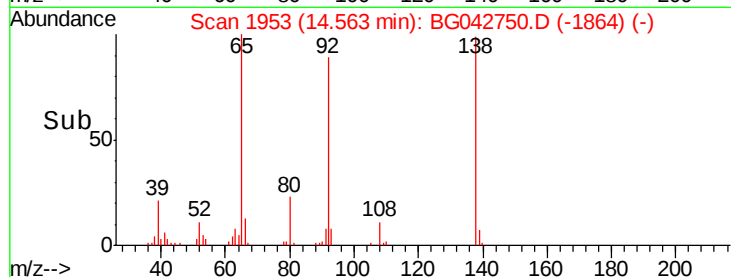
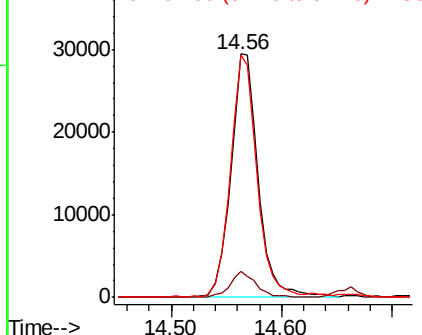
#53
3-Nitroaniline
Concen: 29.435 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:138 Resp: 51092
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 99.4 78.2 117.4

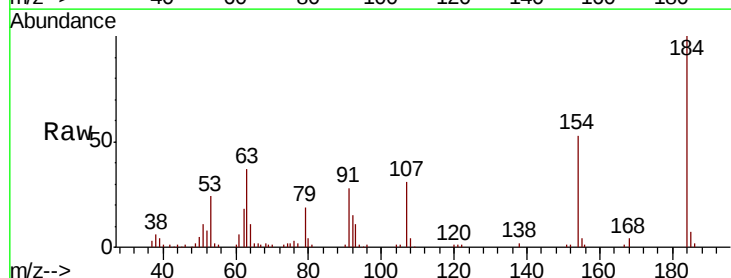


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

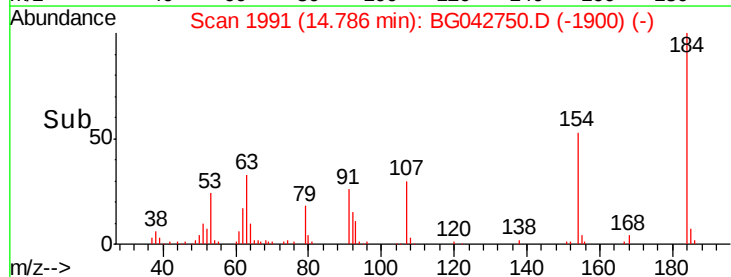
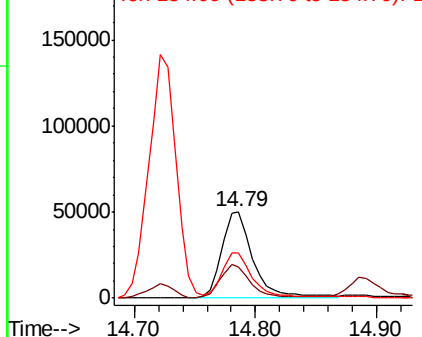


#54
2,4-Dinitrophenol
Concen: 77.592 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:184 Resp: 90539
Ion Ratio Lower Upper
184 100
63 36.6 31.7 47.5
154 52.7 42.0 63.0



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





#55

Dibenzenofuran

Concen: 44.966 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

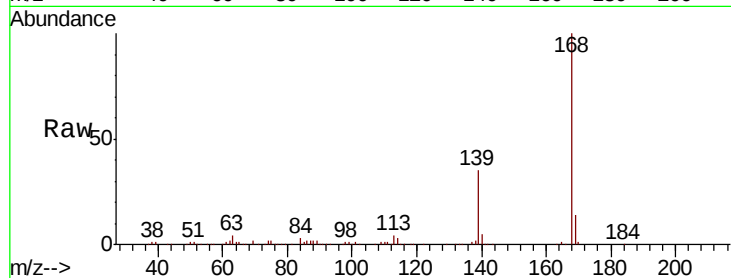
Tot Ion:168 Resp: 393294

Ion Ratio Lower Upper

168 100

139 35.1 27.2 40.8

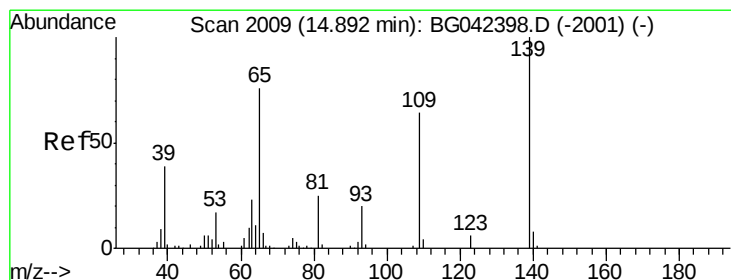
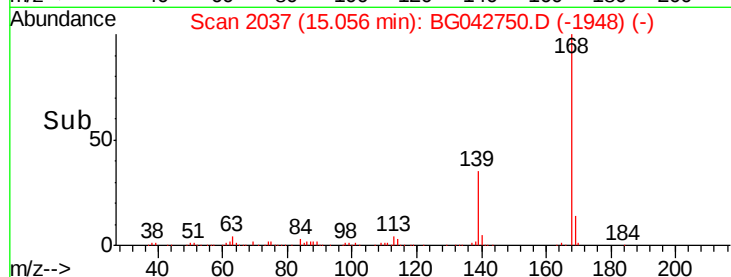
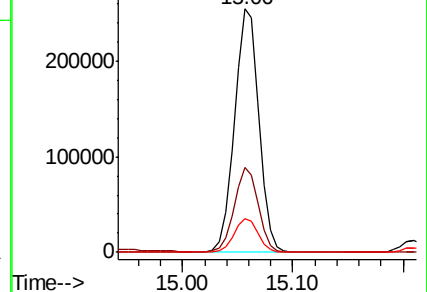
169 14.0 11.5 17.3



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: 81.754 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

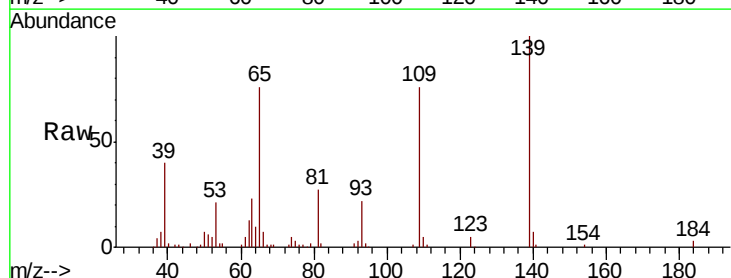
Tgt Ion:139 Resp: 100833

Ion Ratio Lower Upper

139 100

109 75.7 43.9 83.9

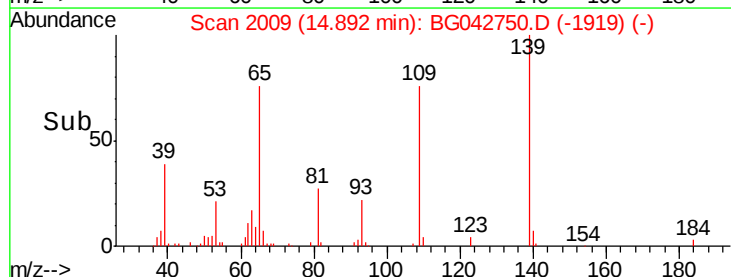
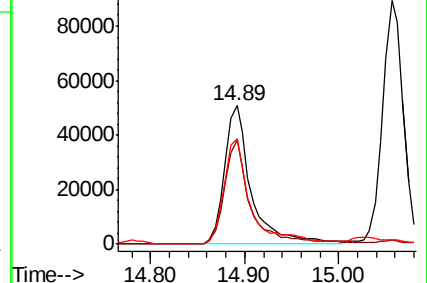
65 76.3 56.3 96.3

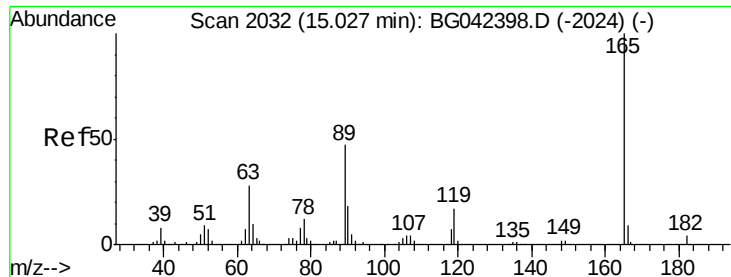


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

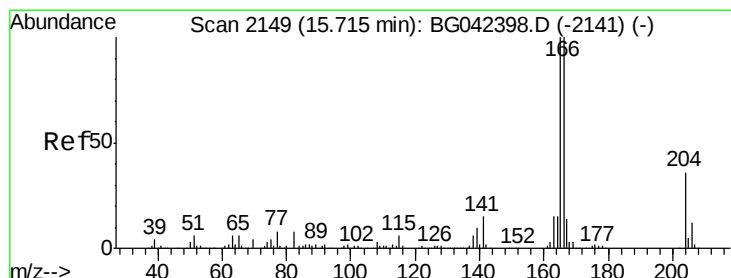
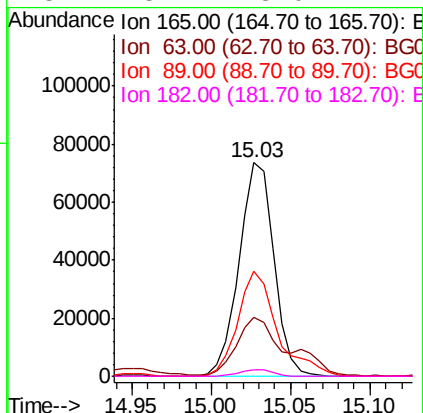
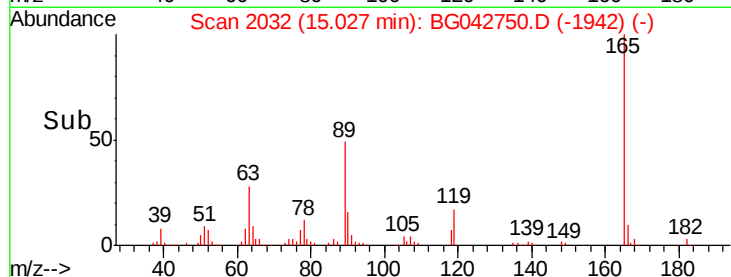
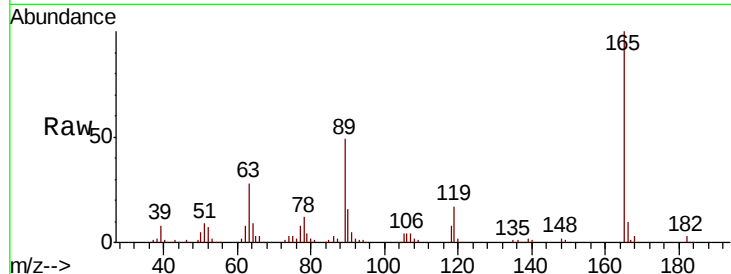




#57
2,4-Dinitrotoluene
Concen: 45.163 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

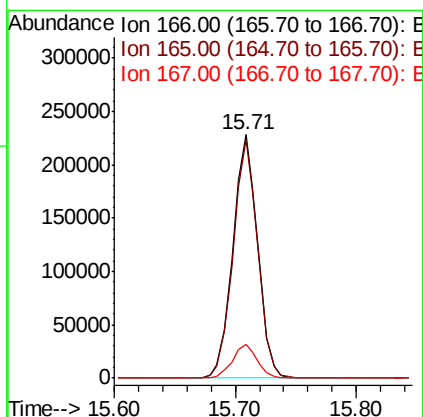
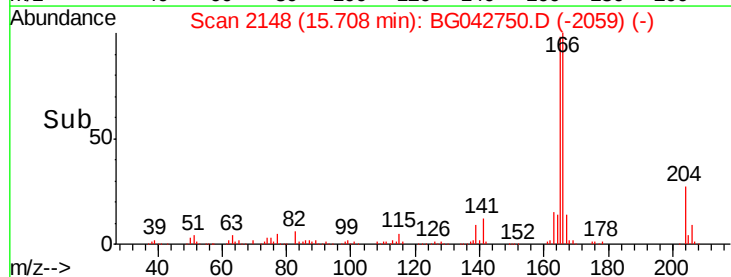
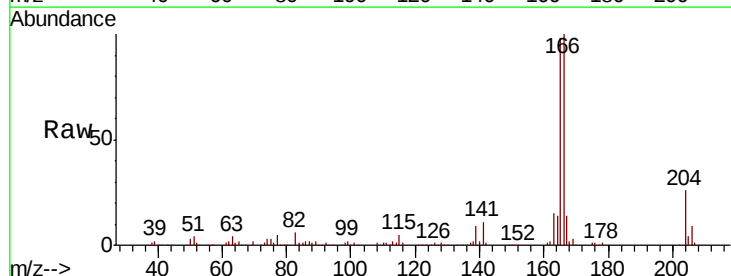
Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:165 Resp: 112244
Ion Ratio Lower Upper
165 100
63 27.8 22.5 33.7
89 49.2 37.8 56.6
182 3.1 3.0 4.4



#58
Fluorene
Concen: 45.424 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:166 Resp: 324766
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 13.7 10.9 16.3

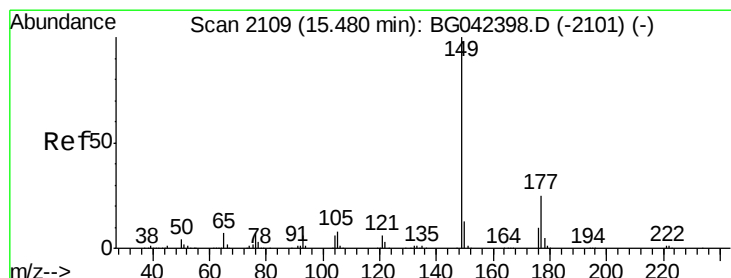
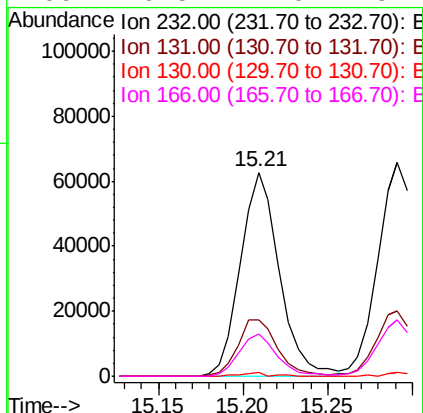
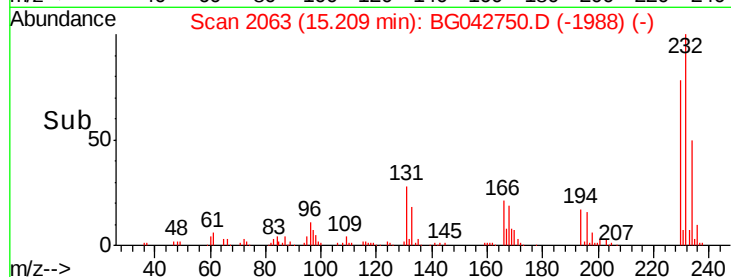
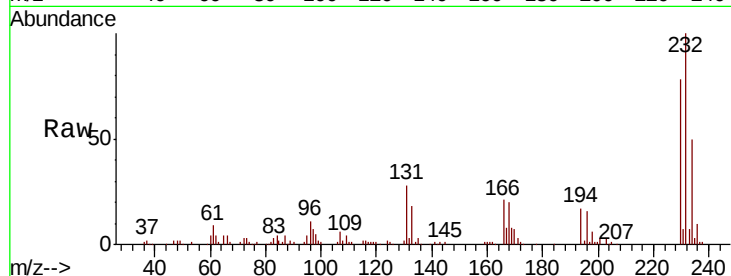




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.595 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

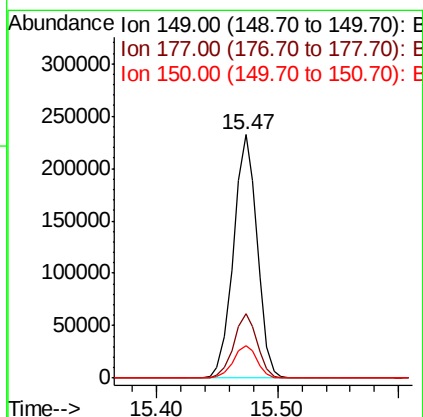
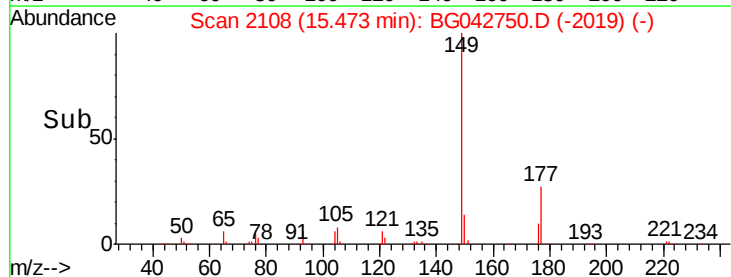
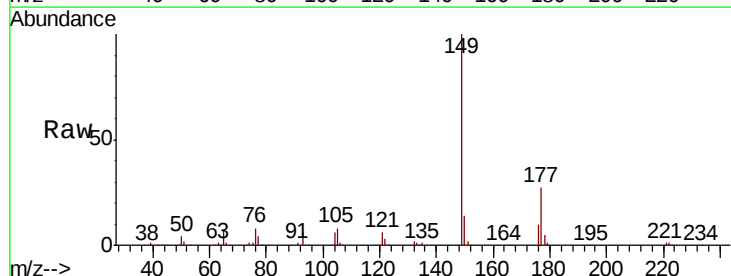
Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion:232	Resp:	100636
Ion Ratio	Lower	Upper
232	100	
131	28.2	22.9 34.3
130	1.4	1.4 2.0
166	20.5	17.0 25.4



#60
 Diethylphthalate
 Concen: 43.352 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion:149	Resp:	317320
Ion Ratio	Lower	Upper
149	100	
177	26.5	20.4 30.6
150	13.5	10.3 15.5

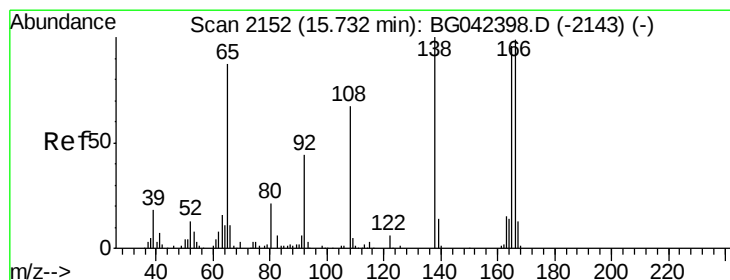
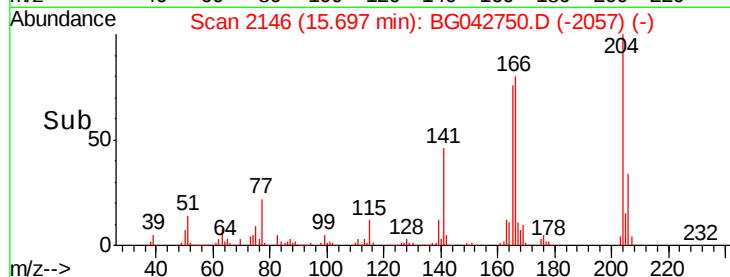
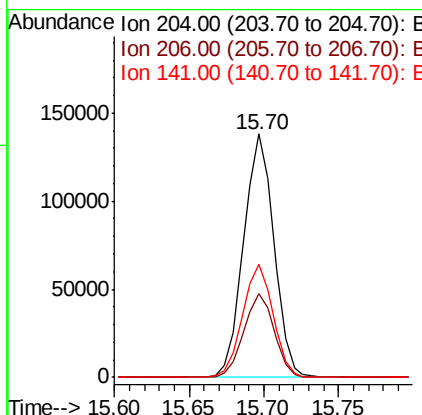
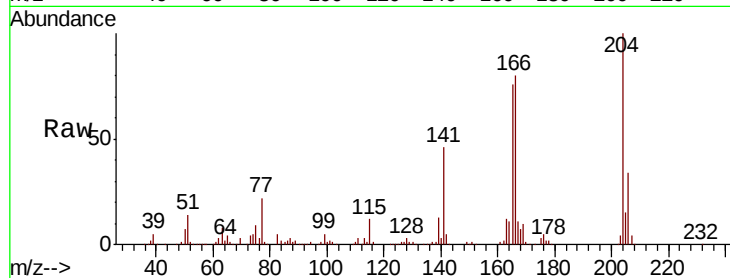




#61
 4-Chlorophenyl-phenylether
 Concen: 44.968 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

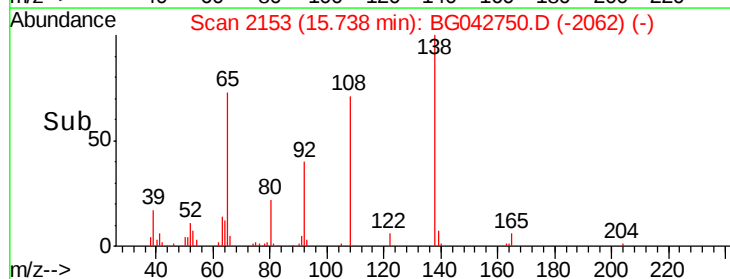
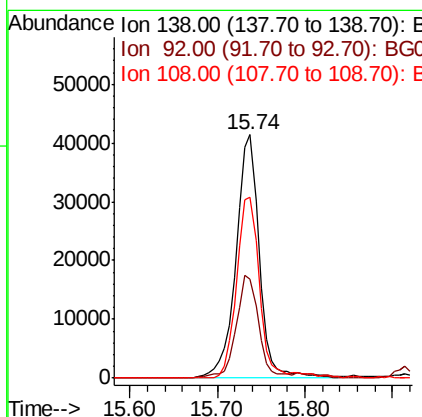
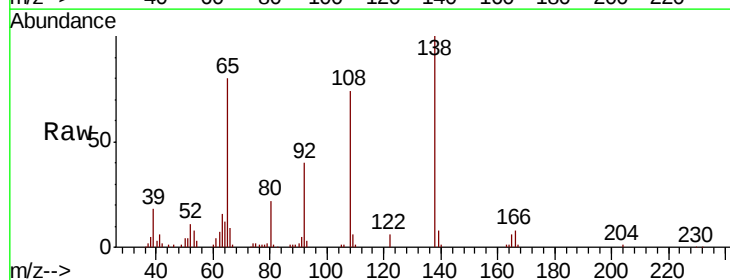
Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

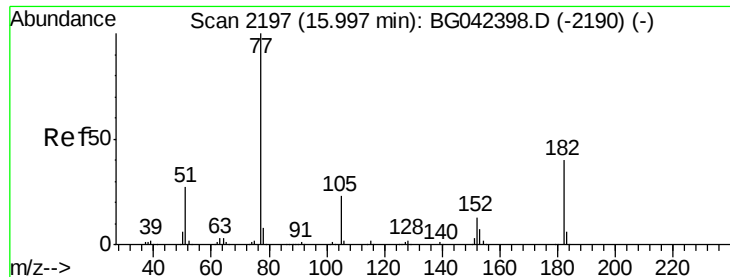
Tot Ion:204 Resp: 193809
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.2 40.8
 141 46.4 38.7 58.1



#62
 4-Nitroaniline
 Concen: 40.164 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion:138 Resp: 74611
 Ion Ratio Lower Upper
 138 100
 92 40.4 24.2 64.2
 108 74.2 46.8 86.8





#63

Azobenzene

Concen: 40.403 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

Tot Ion: 77 Resp: 202645

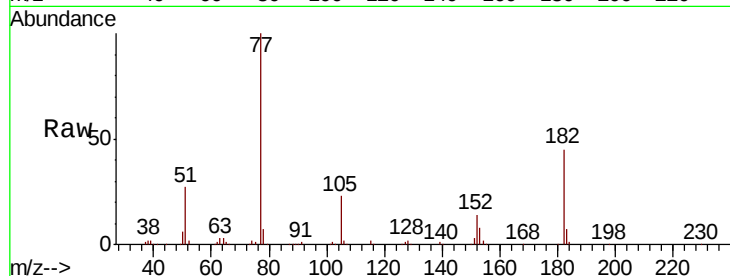
Ion Ratio Lower Upper

77 100

182 45.4 19.9 59.9

105 22.7 2.9 42.9

51 27.4 7.6 47.6

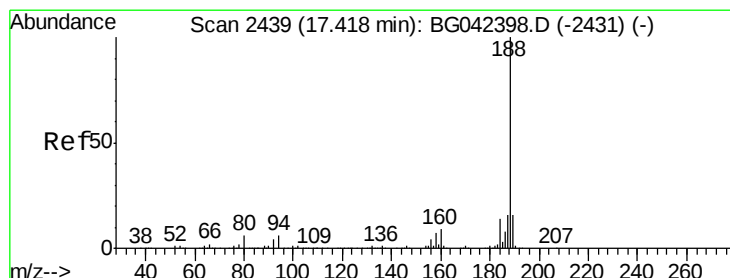
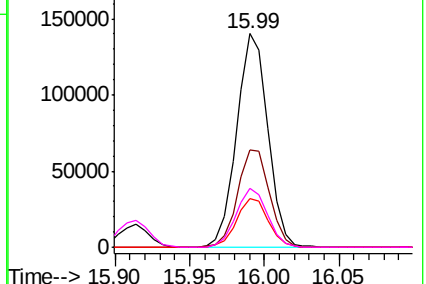
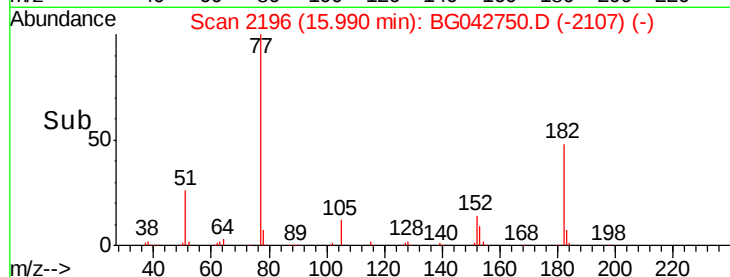


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

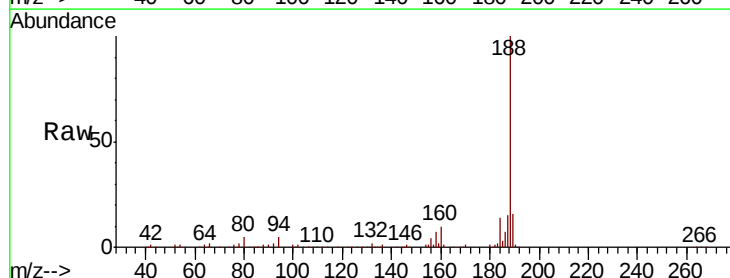
Tgt Ion: 188 Resp: 256200

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

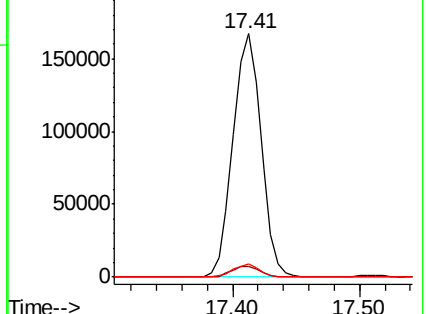
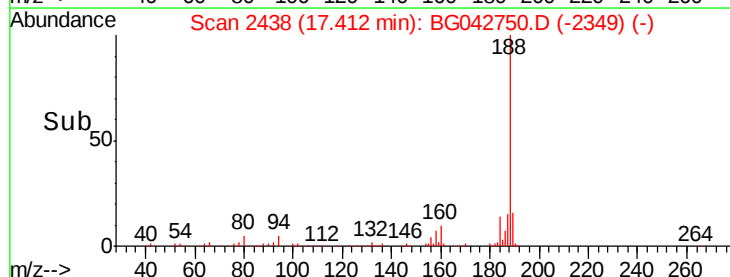
80 5.2 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.782 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

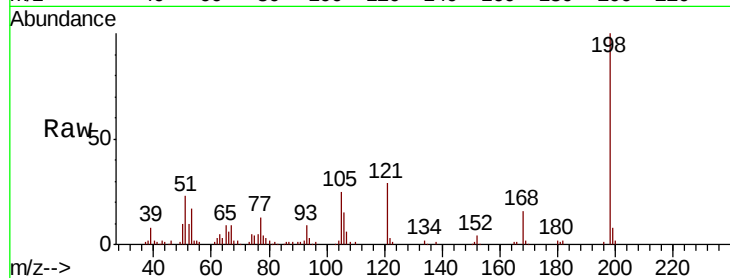
Tot Ion:198 Resp: 76751

Ion Ratio Lower Upper

198 100

51 22.6 4.2 44.2

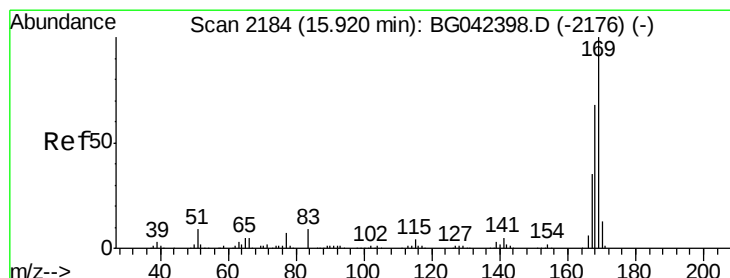
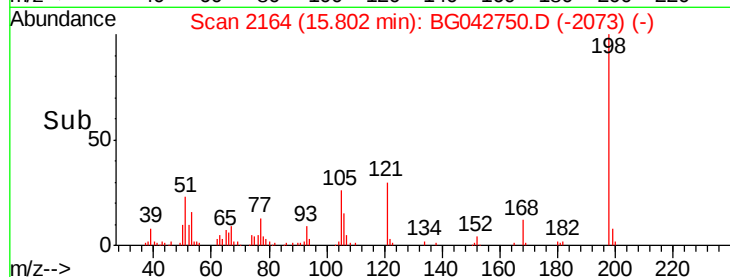
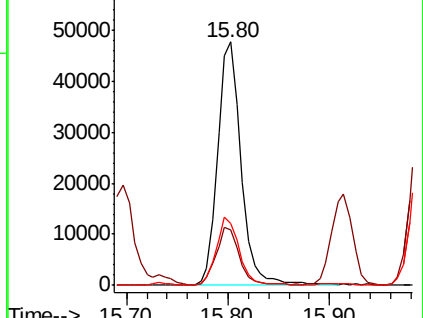
105 25.5 8.8 48.8



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: 43.328 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

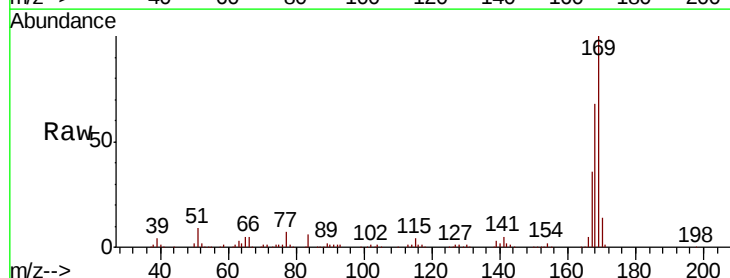
Tgt Ion:169 Resp: 305277

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

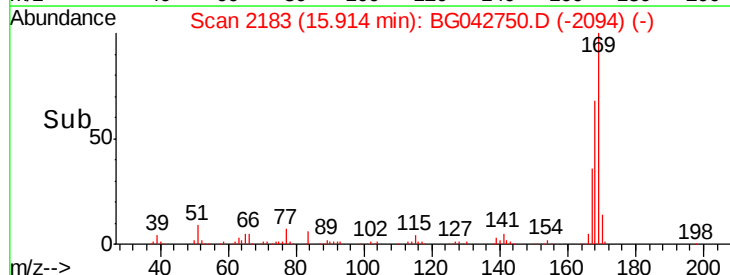
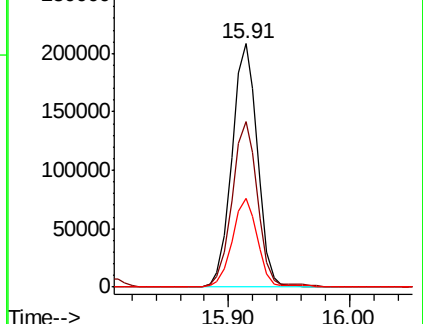
167 36.2 28.2 42.2

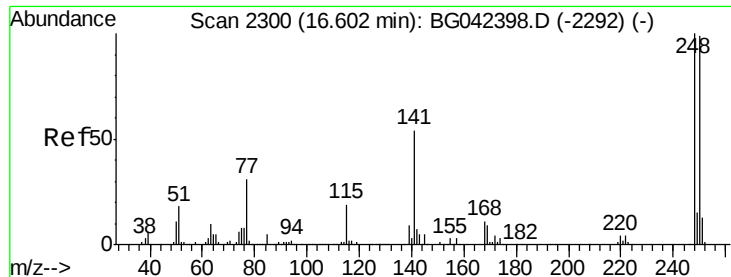


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

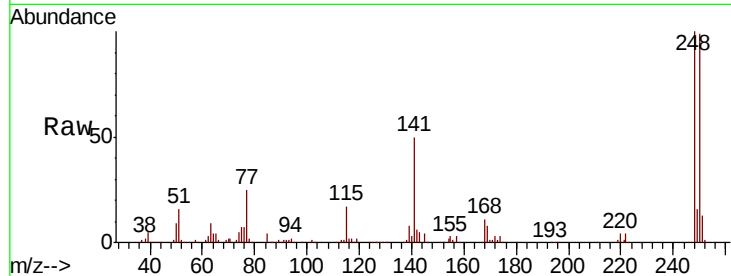




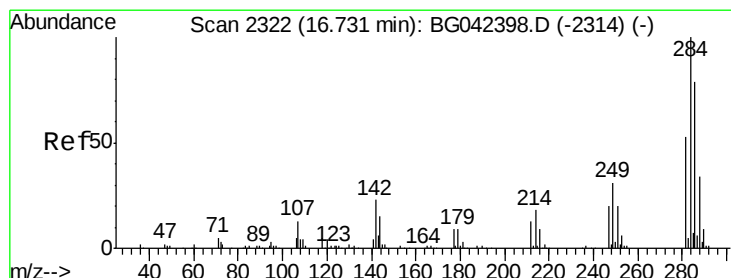
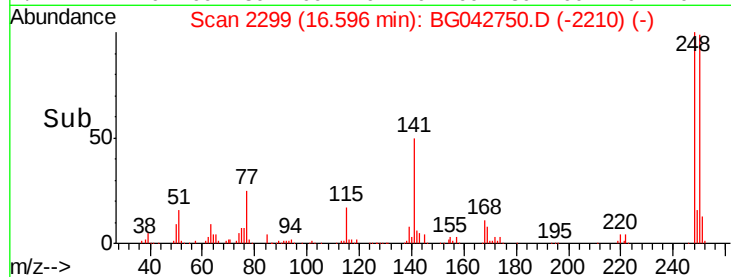
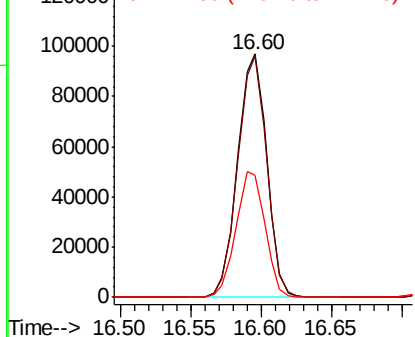
#67
 4-Bromophenyl-phenylether
 Concen: 43.109 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

Tot Ion:248 Resp: 140093
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.9 118.3
 141 50.0 43.3 64.9

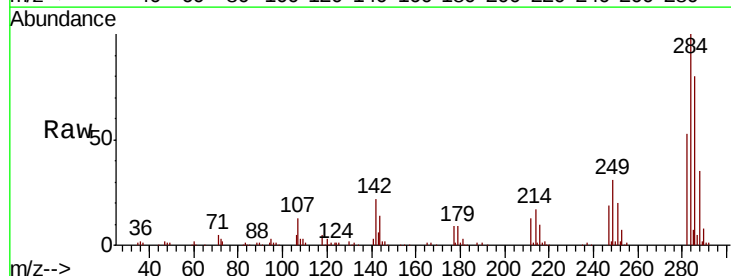


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

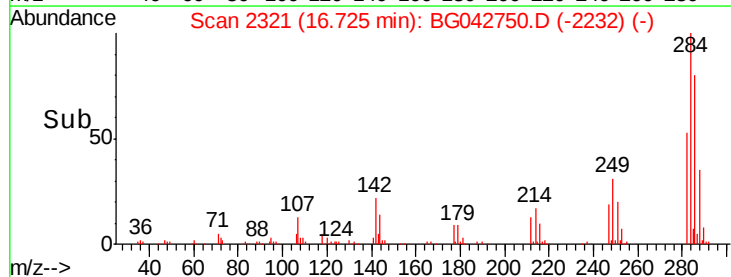
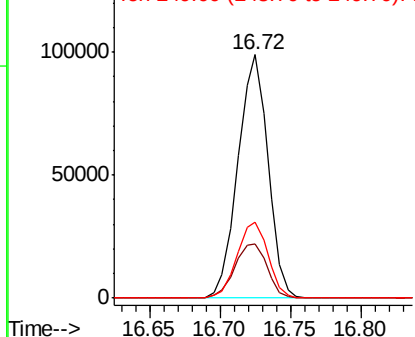


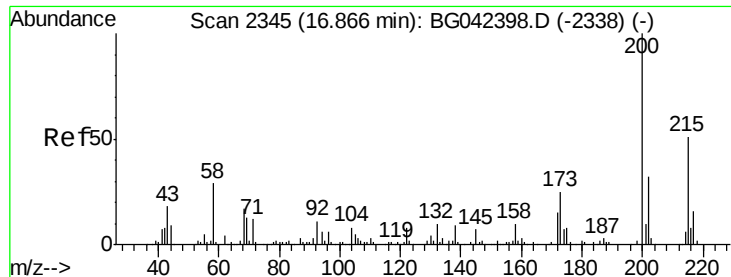
#68
 Hexachlorobenzene
 Concen: 41.641 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion:284 Resp: 147105
 Ion Ratio Lower Upper
 284 100
 142 22.3 18.2 27.4
 249 31.1 25.0 37.4



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





#69

Atrazine

Concen: 45.350 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

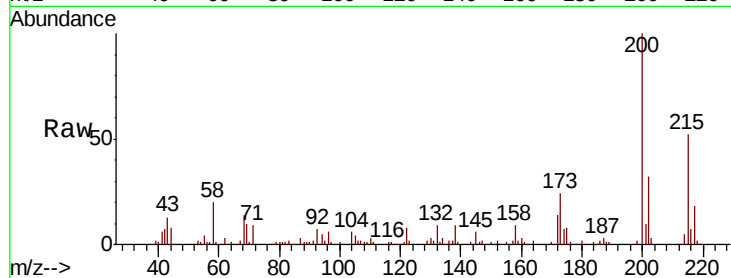
Tot Ion:200 Resp: 112992

Ion Ratio Lower Upper

200 100

173 23.9 4.9 44.9

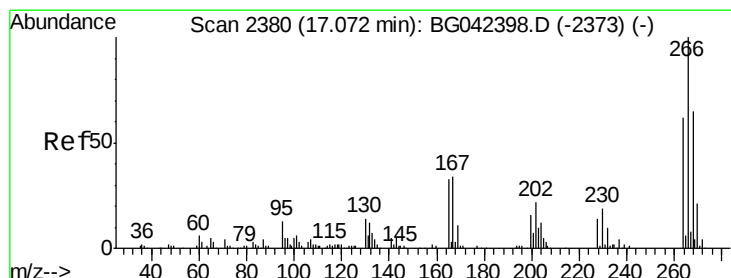
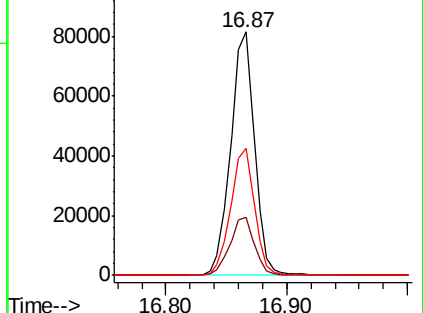
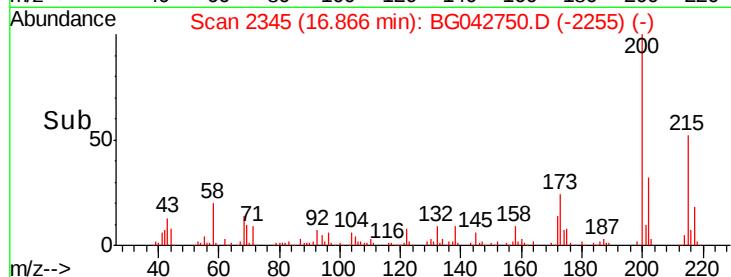
215 52.3 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.880 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

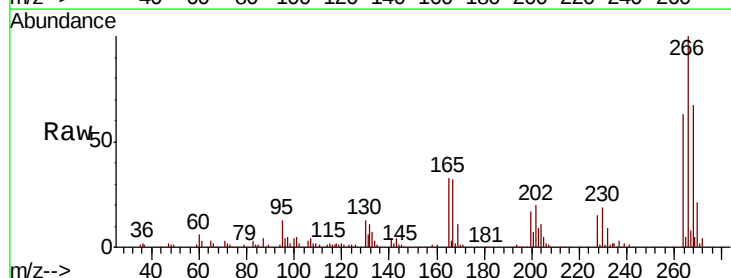
Tgt Ion:266 Resp: 153964

Ion Ratio Lower Upper

266 100

268 66.6 52.1 78.1

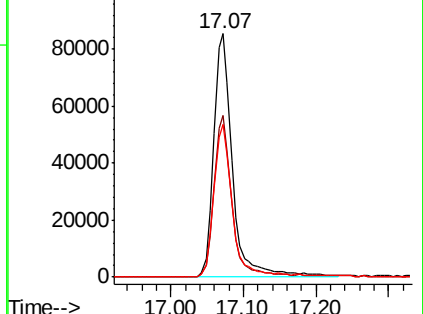
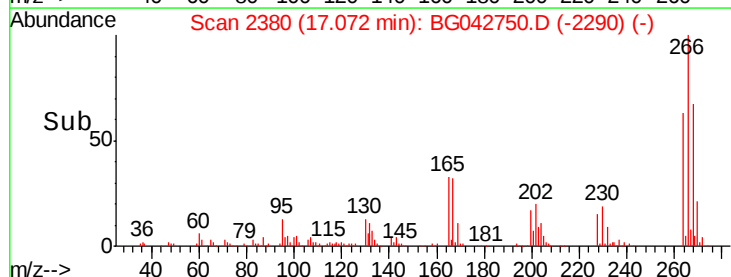
264 62.8 49.4 74.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

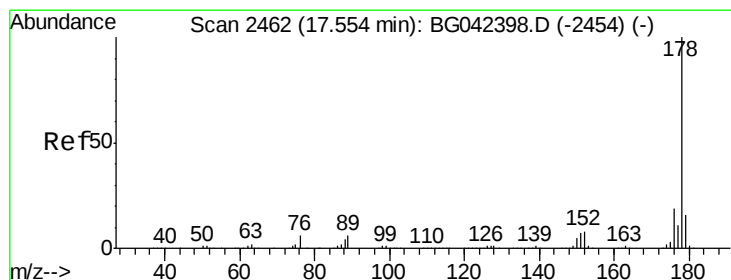
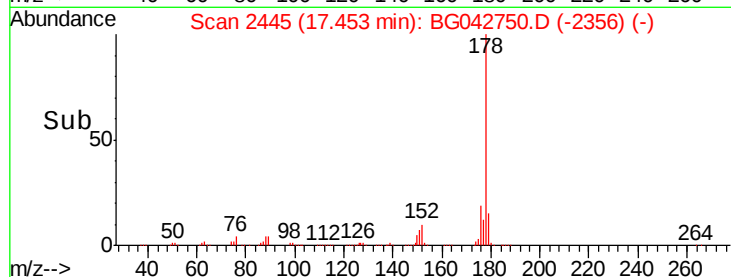
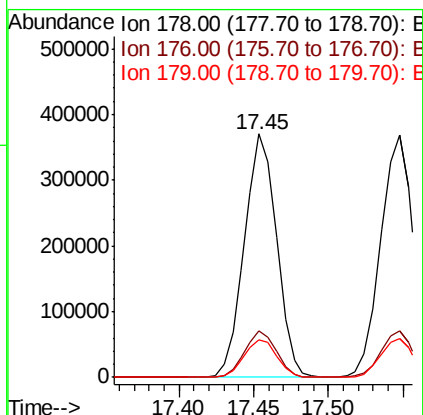
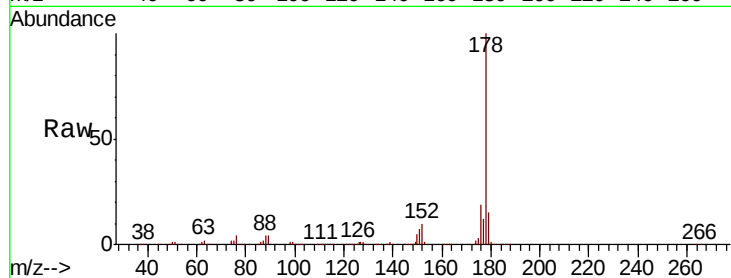




#71
Phenanthrene
Concen: 43.666 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

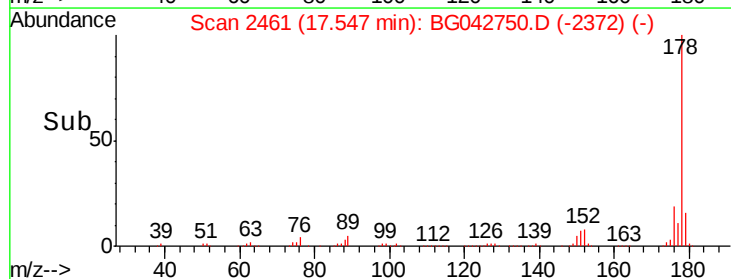
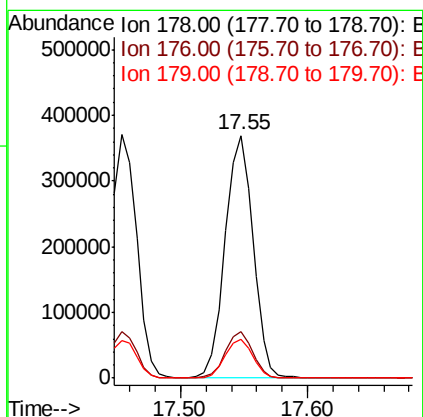
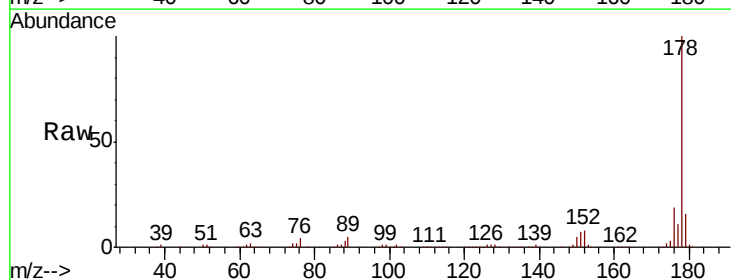
Instrument :
BNA_G
ClientSampleId :
PB122825BS

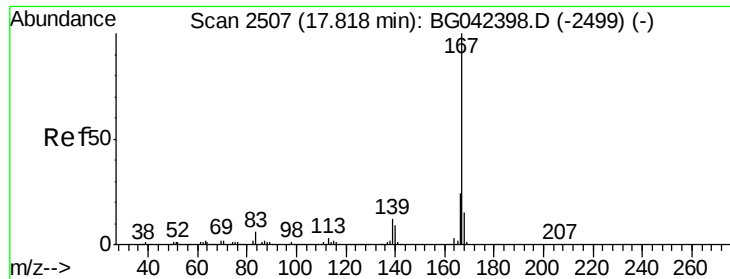
Tot Ion:178 Resp: 555688
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.4 12.7 19.1



#72
Anthracene
Concen: 44.244 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:178 Resp: 562082
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.9 12.9 19.3

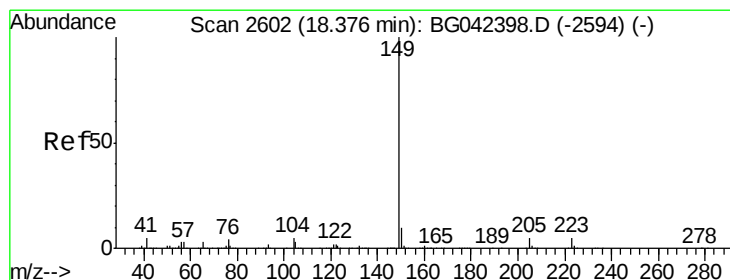
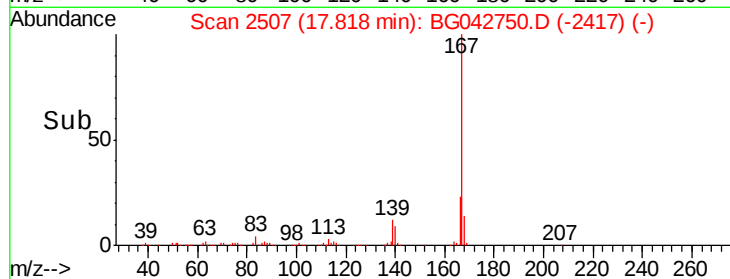
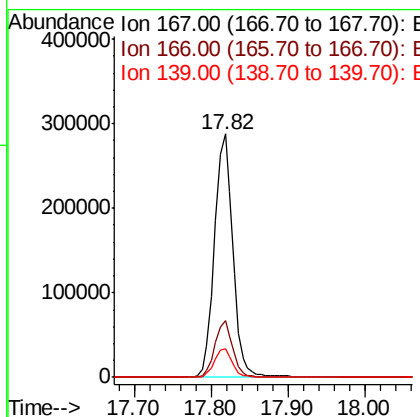
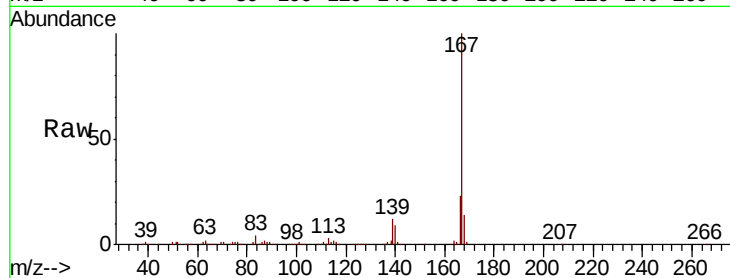




#73
 Carbazole
 Concen: 41.823 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

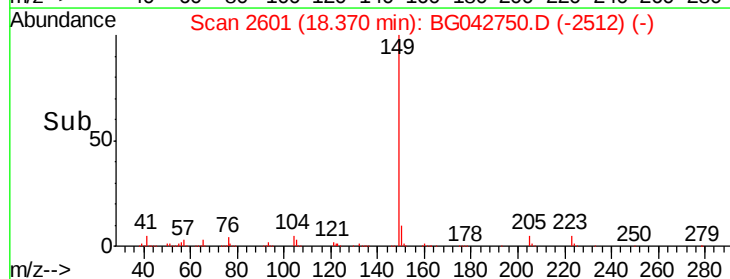
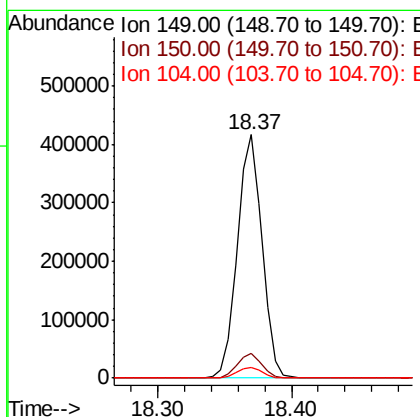
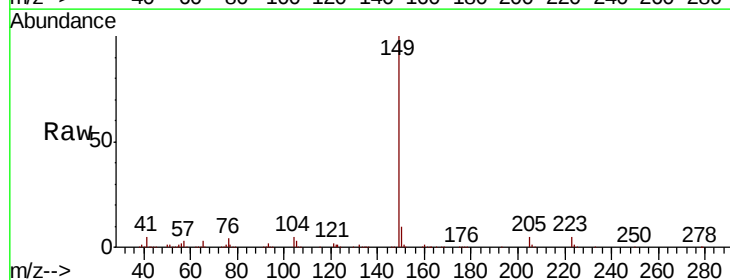
Instrument :
 BNA_G
 ClientSampleId :
 PB122825BS

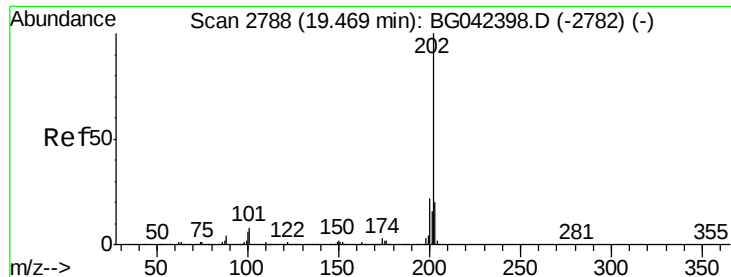
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.9	28.3
139	11.6	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 39.837 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042750.D
 Acq: 6 Sep 2019 16:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 42.211 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

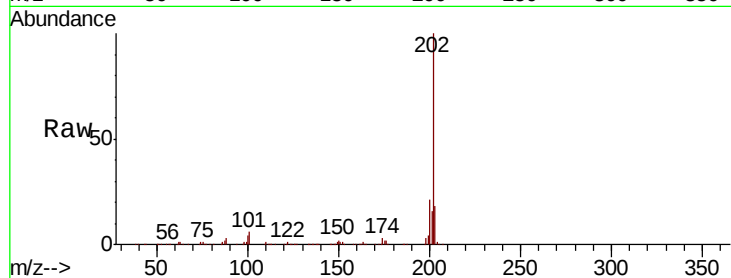
Tot Ion:202 Resp: 655577

Ion Ratio Lower Upper

202 100

101 5.7 0.0 28.3

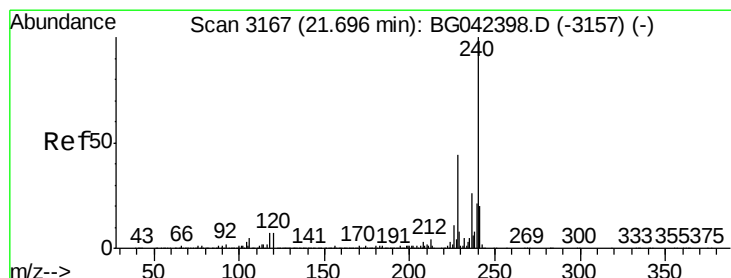
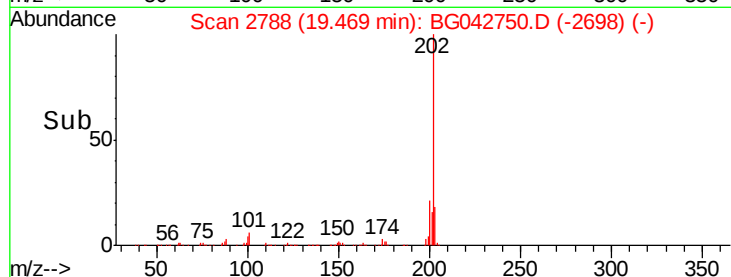
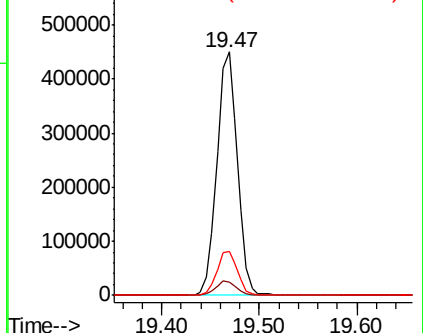
203 17.9 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

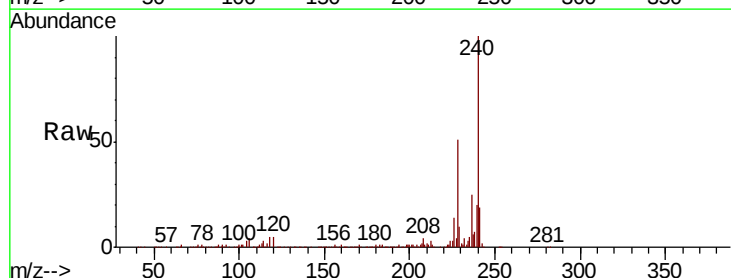
Tgt Ion:240 Resp: 214574

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

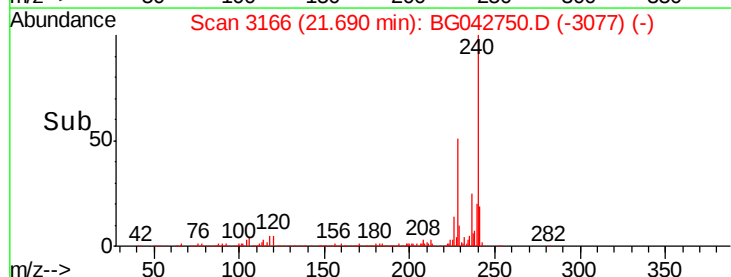
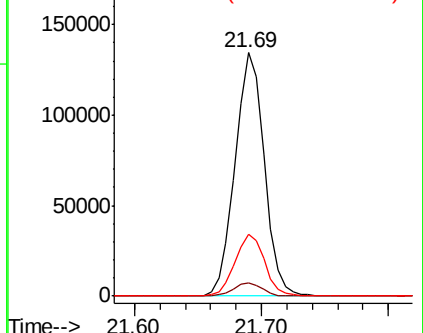
236 25.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.309 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

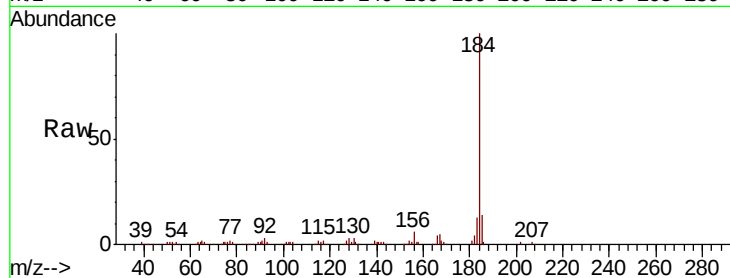
Tot Ion:184 Resp: 124941

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.4

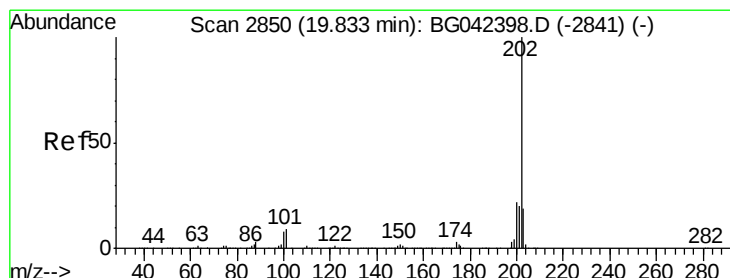
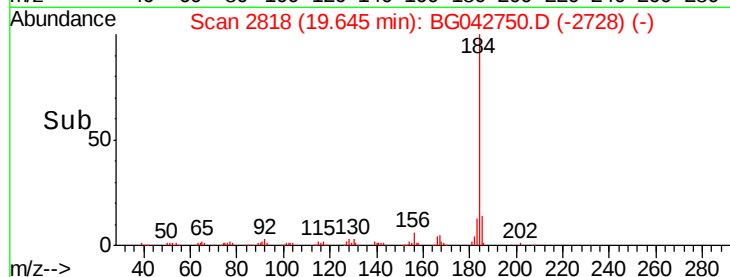
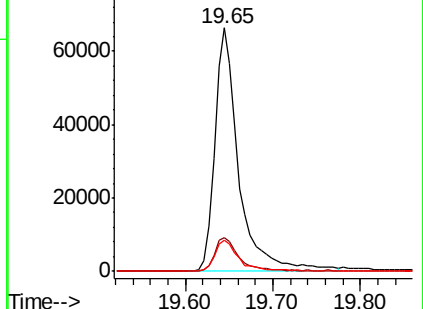
183 12.9 10.8 16.2



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: 49.216 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

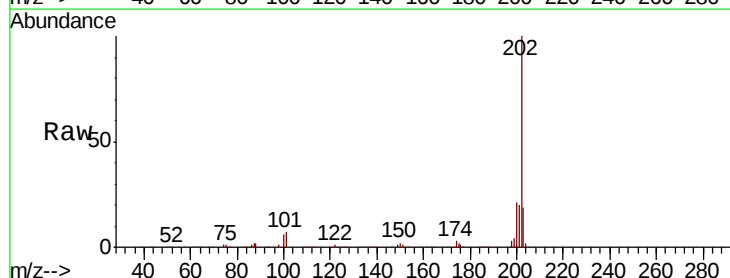
Tgt Ion:202 Resp: 647459

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

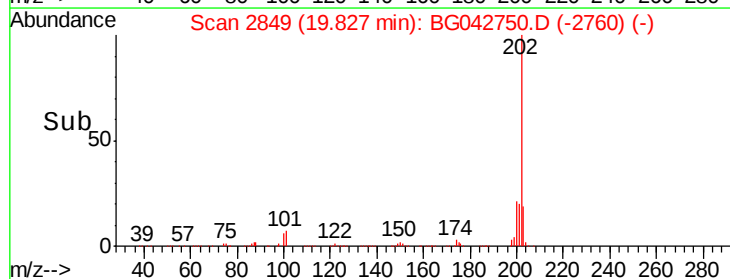
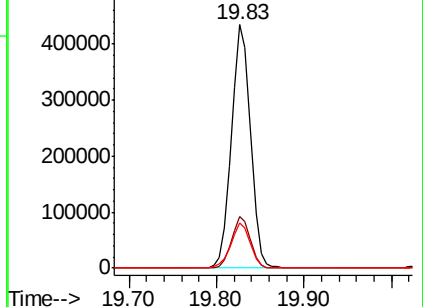
203 18.5 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.103 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

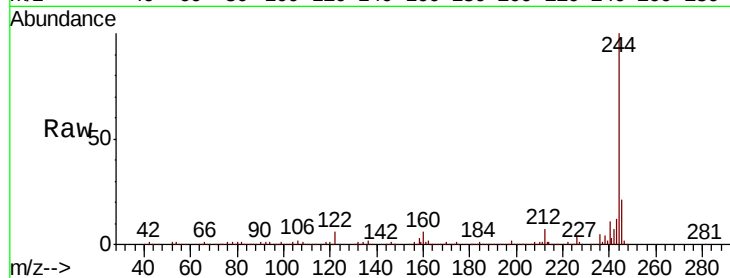
Tot Ion:244 Resp: 795038

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

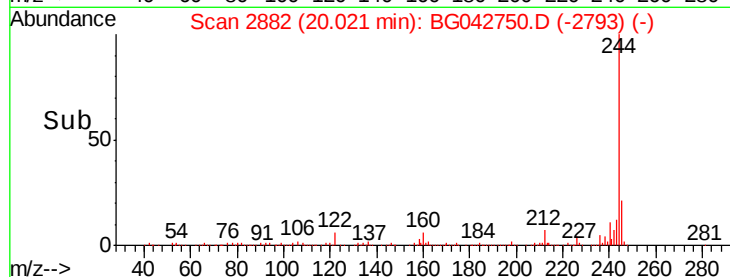
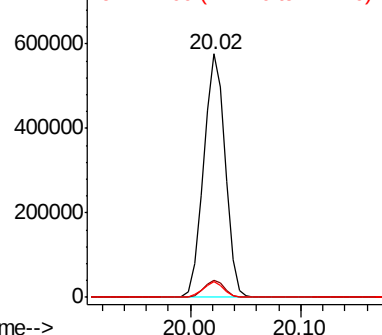
122 6.3 6.7 10.1#



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: 37.694 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

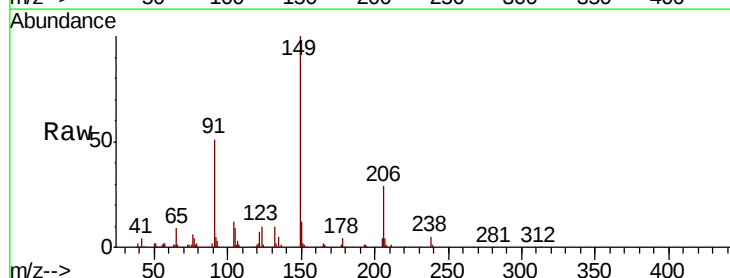
Tgt Ion:149 Resp: 195043

Ion Ratio Lower Upper

149 100

91 51.0 45.9 68.9

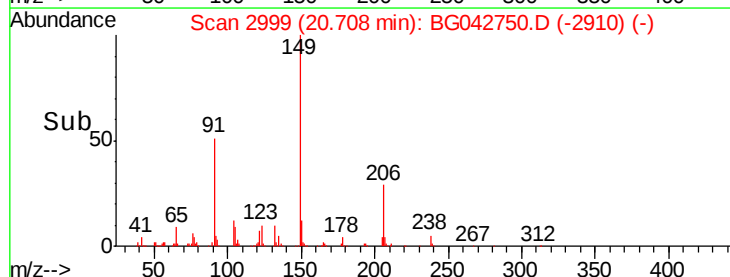
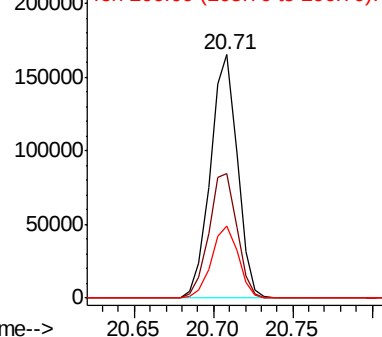
206 29.4 22.5 33.7

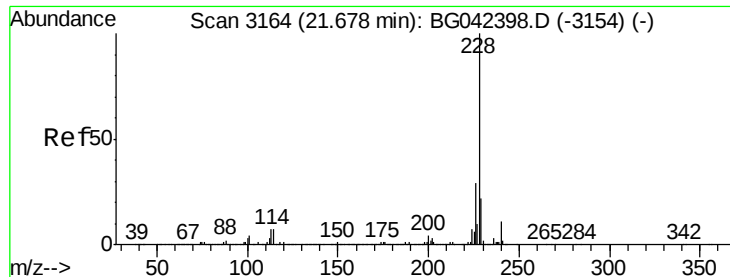


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

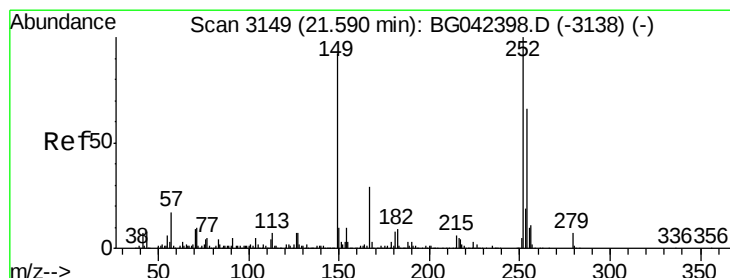
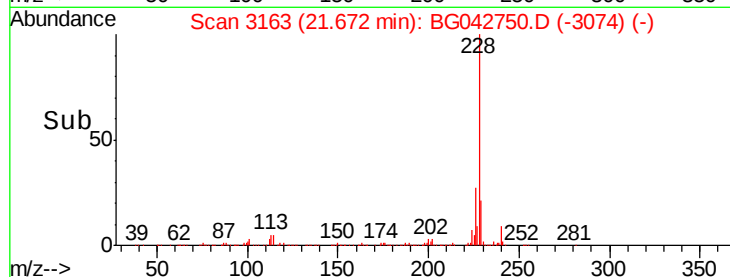
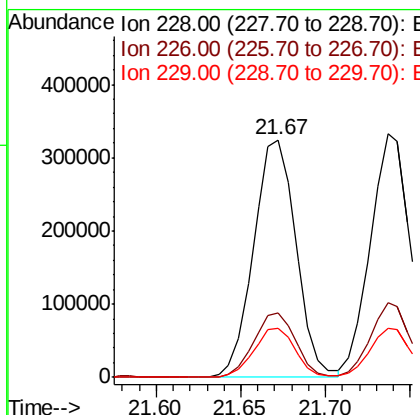
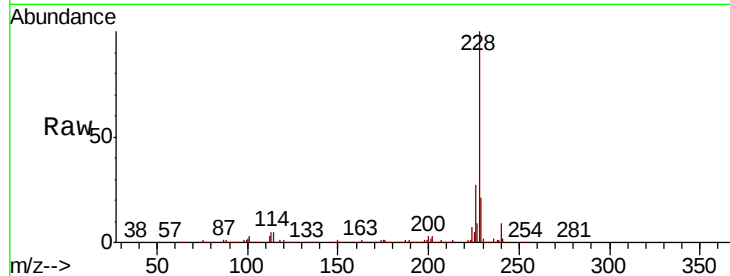




#81
Benzo(a)anthracene
Concen: 43.484 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

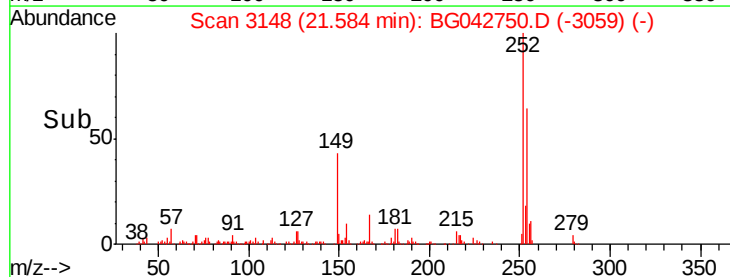
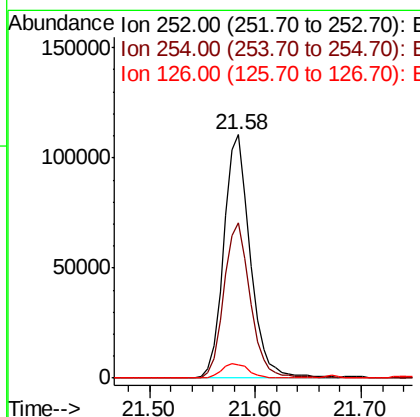
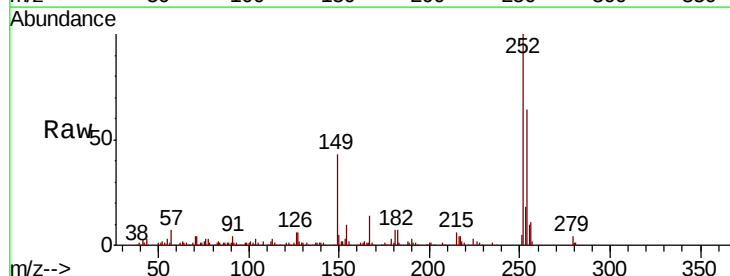
Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion:228 Resp: 567590
Ion Ratio Lower Upper
228 100
226 27.0 23.4 35.2
229 20.6 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 36.463 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:252 Resp: 191417
Ion Ratio Lower Upper
252 100
254 64.0 53.0 79.4
126 5.5 5.7 8.5#





#83

Chrysene

Concen: 43.446 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

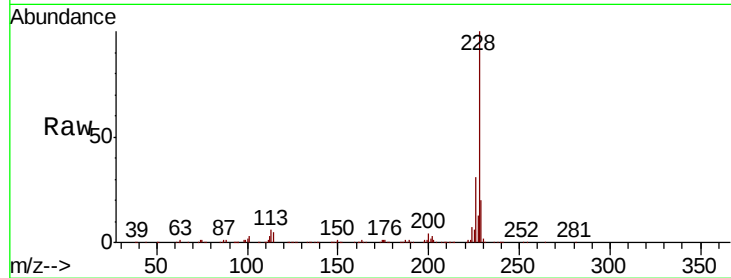
BNA_G

ClientSampleId :

PB122825BS

Tot Ion:228 Resp: 546912

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.3	16.9	25.3

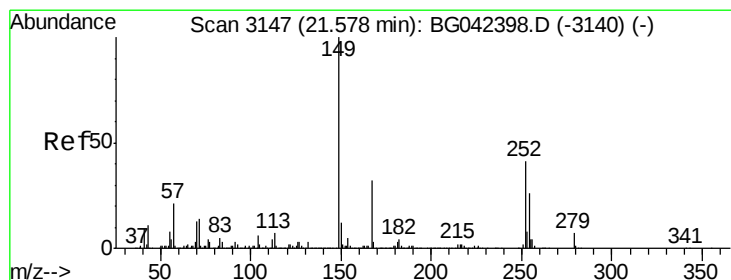
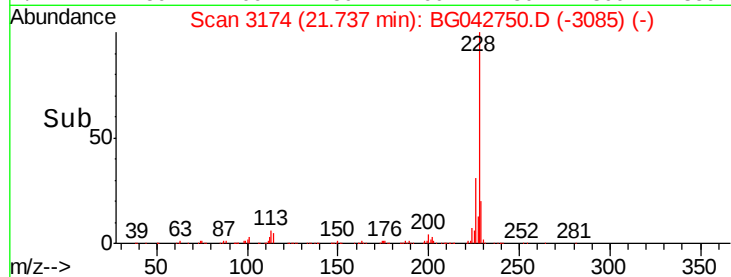
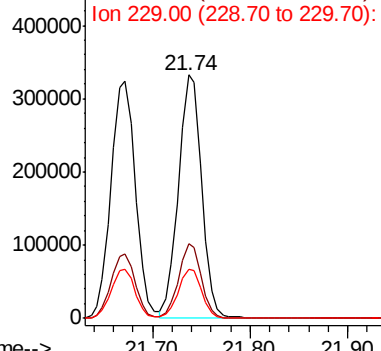


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.982 ng

RT: 21.57 min Scan# 3145

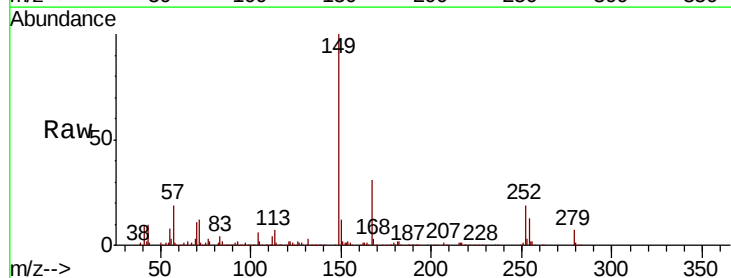
Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Tgt Ion:149 Resp: 287242

Ion	Ratio	Lower	Upper
149	100		
167	31.2	26.0	39.0
279	7.2	5.4	8.0

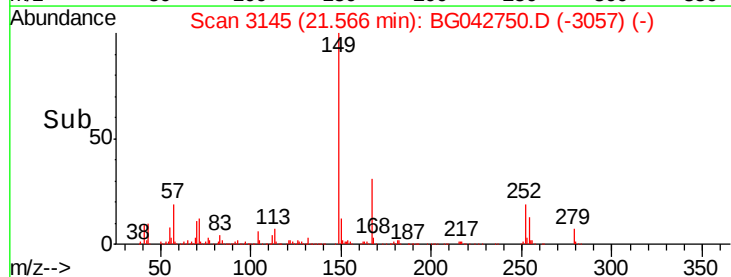
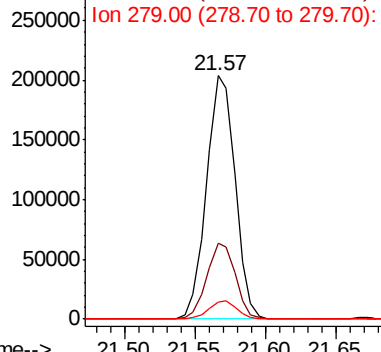


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

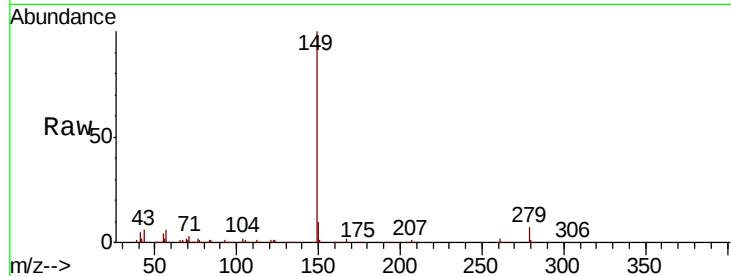




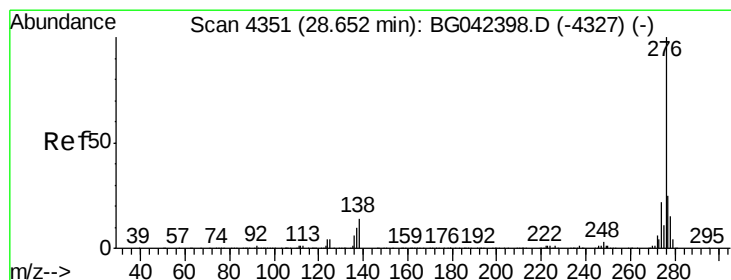
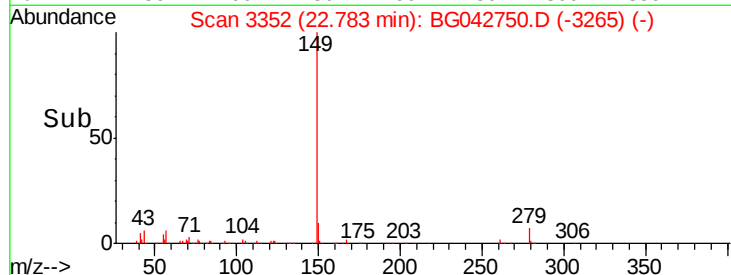
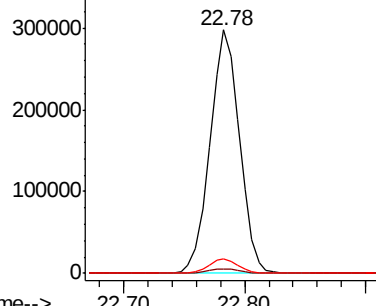
#85
Di-n-octyl phthalate
Concen: 40.996 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
PB122825BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.1	5.3	7.9

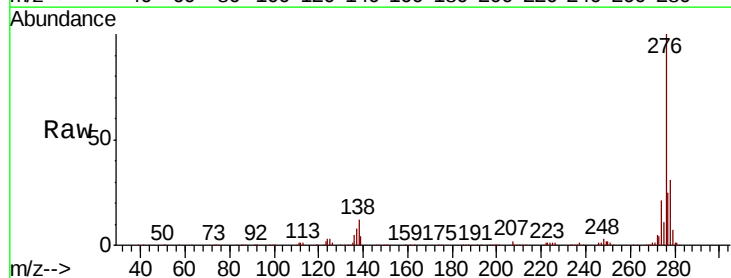


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

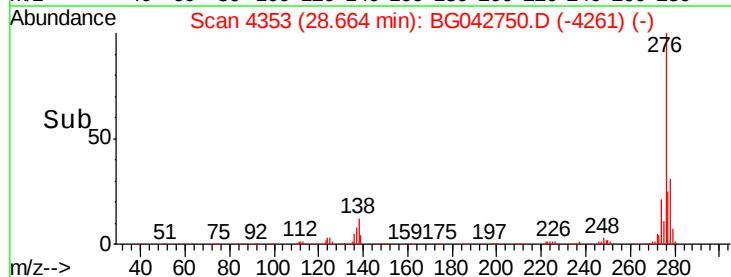
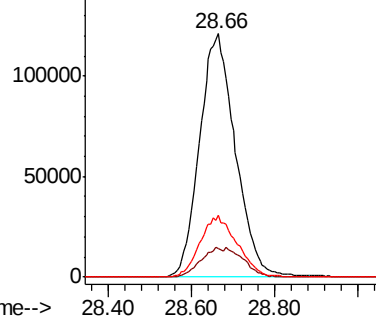


#86
Indeno(1,2,3-cd)pyrene
Concen: 42.352 ng
RT: 28.66 min Scan# 4353
Delta R.T. 0.01 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	9.2	13.8#
277	26.0	21.0	31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

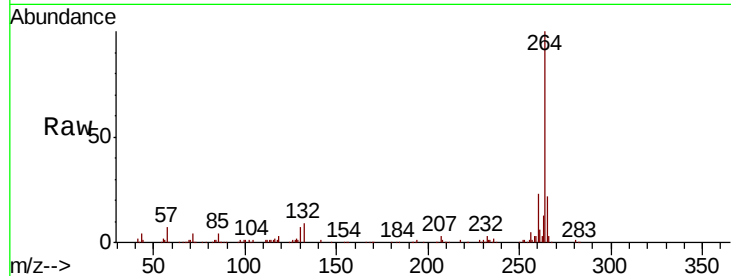
BNA_G

ClientSampleId :

PB122825BS

Tot Ion:264 Resp: 206939

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.5	17.6	26.4

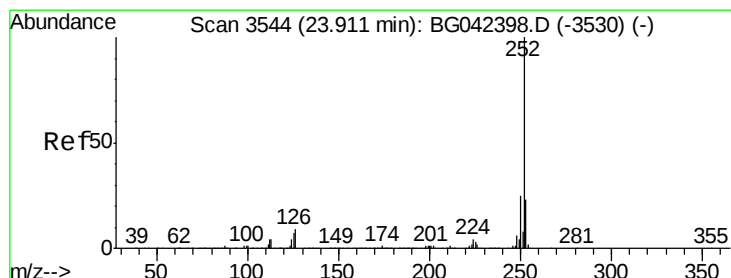
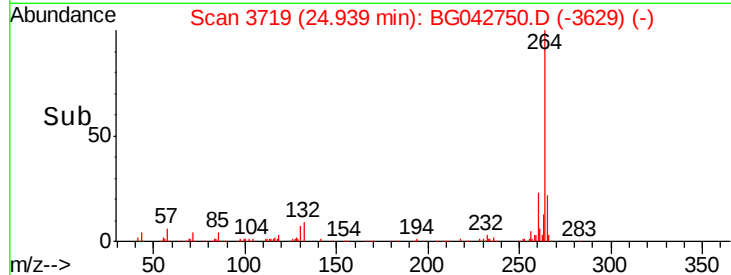
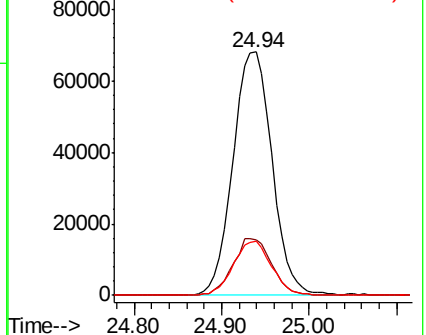


Abundance

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: 55.582 ng

RT: 23.90 min Scan# 3543

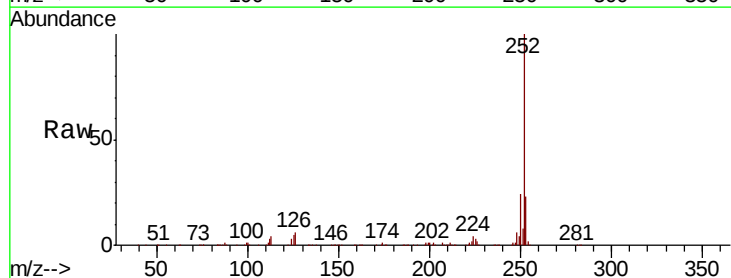
Delta R.T. -0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Tgt Ion:252 Resp: 632340

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	5.2	5.6	8.4#

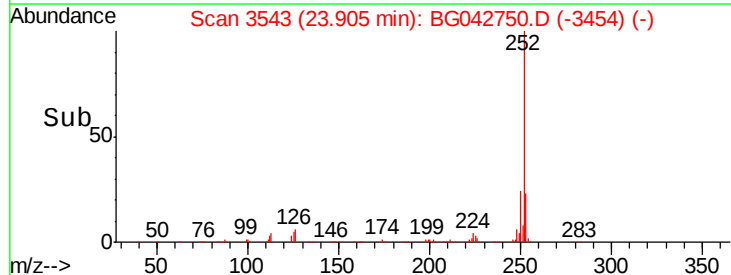
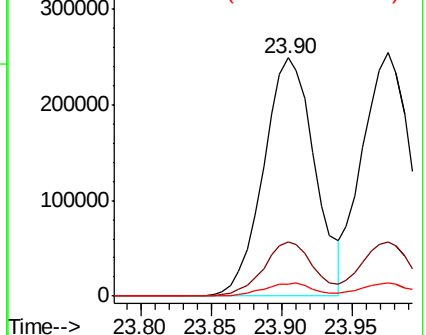


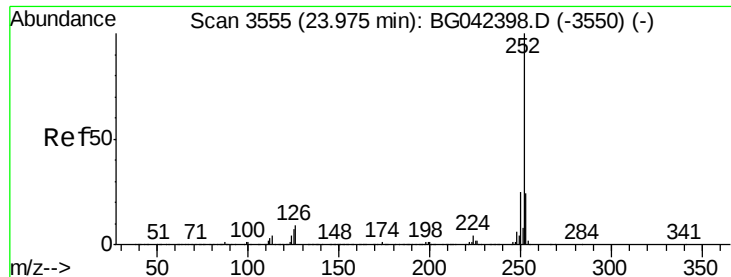
Abundance

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

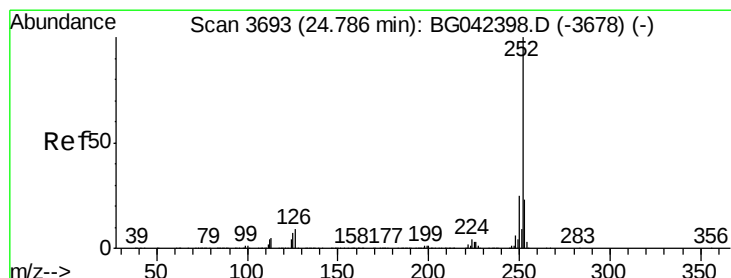
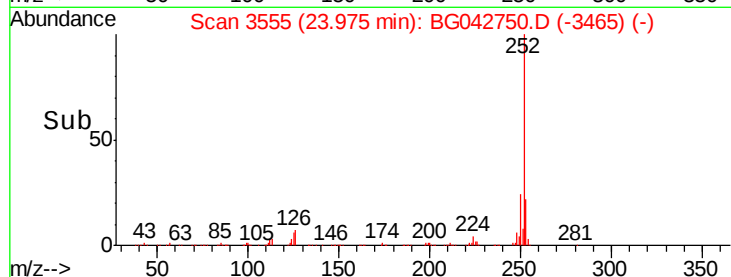
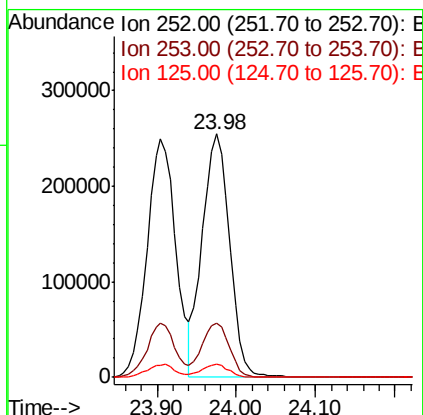
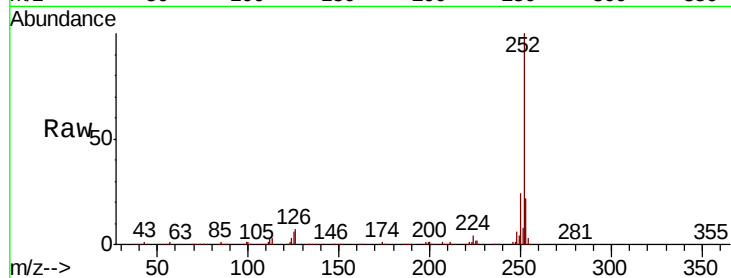




#89
Benzo(k)fluoranthene
Concen: 55.915 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

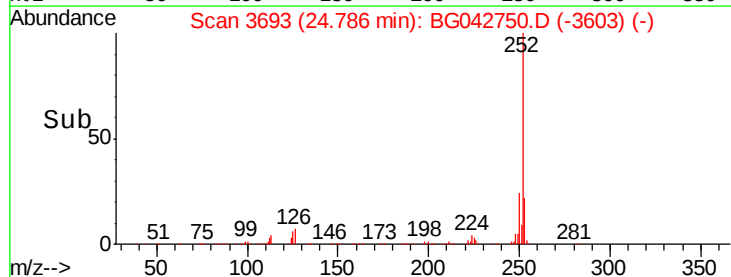
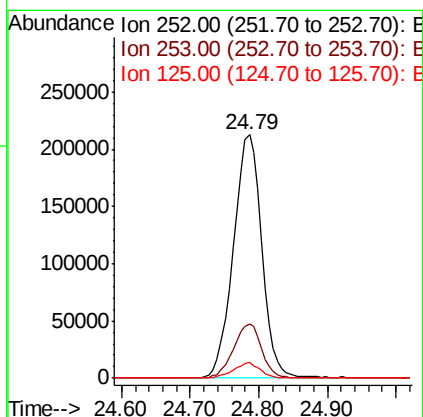
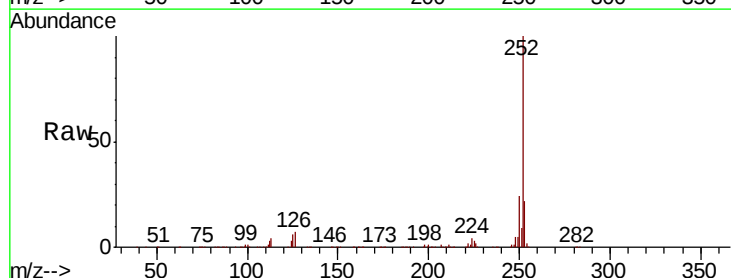
Instrument :
BNA_G
ClientSampleId :
PB122825BS

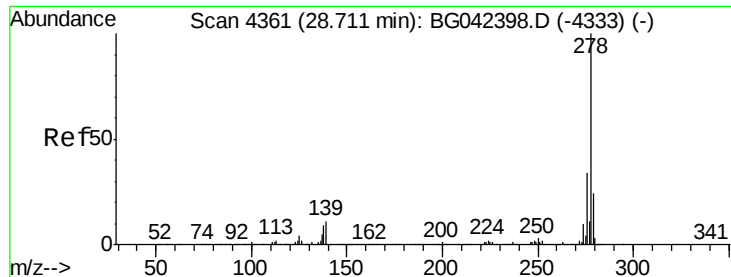
Tot Ion:252 Resp: 611454
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 5.6 5.8 8.6#



#90
Benzo(a)pyrene
Concen: 56.472 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042750.D
Acq: 6 Sep 2019 16:17

Tgt Ion:252 Resp: 609652
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 6.3 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 55.399 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

PB122825BS

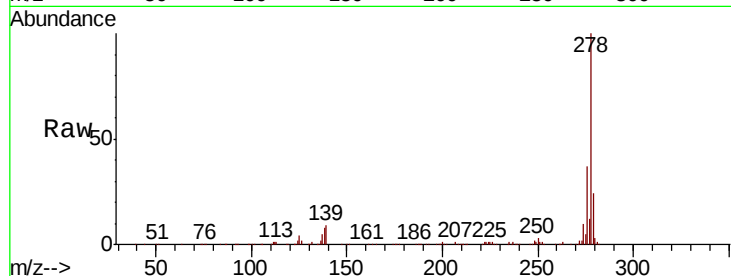
Tot Ion:278 Resp: 605547

Ion Ratio Lower Upper

278 100

139 9.1 8.8 13.2

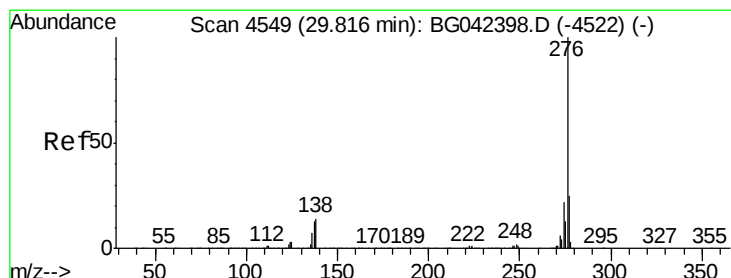
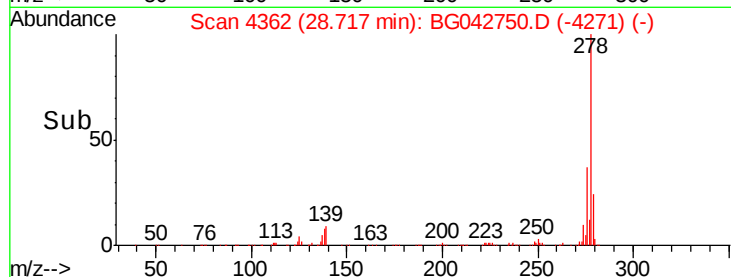
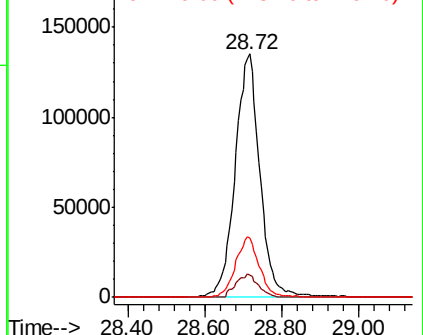
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.515 ng

RT: 29.82 min Scan# 4549

Delta R.T. -0.00 min

Lab File: BG042750.D

Acq: 6 Sep 2019 16:17

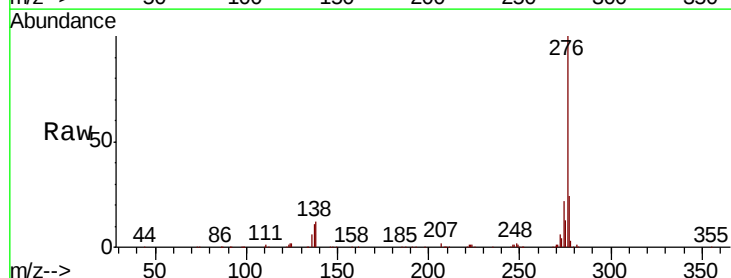
Tgt Ion:276 Resp: 606899

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 11.7 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

