

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043660.D
 Acq On : 15 Nov 2019 21:11
 Operator : JU
 Sample : PB124785BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

Quant Time: Nov 16 01:13:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26877	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	118578	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	91715	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	226948	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	263256	20.00	ng	-0.02
87) Perylene-d12	24.82	264	294362	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	115690	78.88	ng	0.00
7) Phenol-d6	7.19	99	166150	78.73	ng	0.00
23) Nitrobenzene-d5	9.15	82	153969	66.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	116478	66.74	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	452933	68.24	ng	-0.02
79) Terphenyl-d14	19.98	244	935561	66.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	21461	37.547	ng	# 95
3) Pyridine	3.85	79	49563	34.375	ng	98
4) n-Nitrosodimethylamine	3.77	42	33123	45.527	ng	87
6) Aniline	7.32	93	89323	36.744	ng	95
8) 2-Chlorophenol	7.57	128	74988	46.315	ng	92
9) Benzaldehyde	7.13	77	36653	35.343	ng	96
10) Phenol	7.22	94	93678	48.579	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	58878	39.492	ng	97
12) 1,3-Dichlorobenzene	7.88	146	80327	39.597	ng	99
13) 1,4-Dichlorobenzene	8.03	146	82858	40.370	ng	97
14) 1,2-Dichlorobenzene	8.34	146	78192	39.018	ng	95
15) Benzyl Alcohol	8.24	79	68232	46.039	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	83434	38.487	ng	98
17) 2-Methylphenol	8.46	107	66596	47.373	ng	97
18) Hexachloroethane	9.07	117	29531	39.880	ng	88
19) n-Nitroso-di-n-propylamine	8.80	70	57670	42.292	ng	90
20) 3+4-Methylphenols	8.78	107	89146	46.246	ng	97
22) Acetophenone	8.81	105	111620	36.757	ng	# 91
24) Nitrobenzene	9.20	77	87409	39.894	ng	# 98
25) Isophorone	9.72	82	166191	39.521	ng	96
26) 2-Nitrophenol	9.91	139	44791	42.343	ng	89
27) 2,4-Dimethylphenol	9.99	122	77608	51.189	ng	92
28) bis(2-Chloroethoxy)methane	10.20	93	88450	38.111	ng	99
29) 2,4-Dichlorophenol	10.47	162	88124	45.365	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	89497	36.554	ng	97
31) Naphthalene	10.85	128	236438	39.282	ng	99
32) Benzoic acid	10.18	122	30295	30.285	ng	93
33) 4-Chloroaniline	10.97	127	65413	26.513	ng	99
34) Hexachlorobutadiene	11.13	225	63184	34.911	ng	92
35) Caprolactam	11.79	113	4821	7.206	ng	92
36) 4-Chloro-3-methylphenol	12.10	107	98746	46.602	ng	99
37) 2-Methylnaphthalene	12.45	142	187490	40.598	ng	97
38) 1-Methylnaphthalene	12.67	142	174930	39.810	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121289	35.734	ng	97

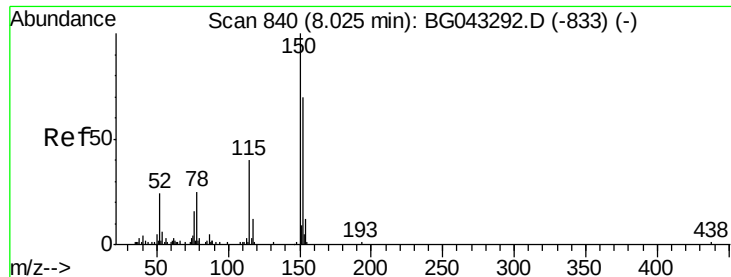
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043660.D
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Quant Time: Nov 16 01:13:14 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	120436	67.546	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	79381	39.712	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	84109	41.621	ng	95
46) 1,1'-Biphenyl	13.46	154	262612	37.639	ng	97
47) 2-Chloronaphthalene	13.50	162	205200	38.653	ng	99
48) 2-Nitroaniline	13.71	65	64410	40.595	ng	96
49) Acenaphthylene	14.35	152	339371	41.075	ng	100
50) Dimethylphthalate	14.08	163	281771	39.664	ng	98
51) 2,6-Dinitrotoluene	14.20	165	65824	42.651	ng	98
52) Acenaphthene	14.69	154	202174	40.125	ng	96
53) 3-Nitroaniline	14.54	138	47445	31.841	ng	98
54) 2,4-Dinitrophenol	14.75	184	72146	75.329	ng	98
55) Dibenzofuran	15.02	168	334205	40.902	ng	98
56) 4-Nitrophenol	14.89	139	88601	88.732	ng	94
57) 2,4-Dinitrotoluene	14.99	165	94391	42.796	ng	98
58) Fluorene	15.68	166	282227	41.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	86455	40.267	ng	95
60) Diethylphthalate	15.44	149	291658	40.860	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	160766	40.212	ng	96
62) 4-Nitroaniline	15.71	138	68180	44.306	ng	91
63) Azobenzene	15.96	77	240938	41.707	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	56541	42.334	ng	96
66) n-Nitrosodiphenylamine	15.88	169	258819	40.394	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	116681	38.203	ng	97
68) Hexachlorobenzene	16.68	284	129299	36.881	ng	97
69) Atrazine	16.83	200	99460	44.673	ng	99
70) Pentachlorophenol	17.03	266	118466	74.158	ng	98
71) Phenanthrene	17.42	178	468258	40.293	ng	99
72) Anthracene	17.50	178	479978	41.280	ng	99
73) Carbazole	17.78	167	442642	42.038	ng	100
74) Di-n-butylphthalate	18.33	149	521829	40.844	ng	99
75) Fluoranthene	19.42	202	646083	42.644	ng	99
77) Benzidine	19.61	184	223792	42.240	ng	98
78) Pyrene	19.79	202	646885	39.698	ng	99
80) Butylbenzylphthalate	20.66	149	239046	38.721	ng	95
81) Benzo(a)anthracene	21.62	228	648858	39.348	ng	100
82) 3,3'-Dichlorobenzidine	21.53	252	221592	34.743	ng	98
83) Chrysene	21.68	228	640875	39.115	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	349816	39.889	ng	99
85) Di-n-octyl phthalate	22.71	149	602627	40.503	ng	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	831734	40.442	ng	# 99
88) Benzo(b)fluoranthene	23.81	252	702688	42.149	ng	99
89) Benzo(k)fluoranthene	23.87	252	691820	41.220	ng	97
90) Benzo(a)pyrene	24.67	252	689463	43.307	ng	99
91) Dibenzo(a,h)anthracene	28.50	278	706526	43.387	ng	98
92) Benzo(g,h,i)perylene	29.58	276	696613	43.368	ng	97

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

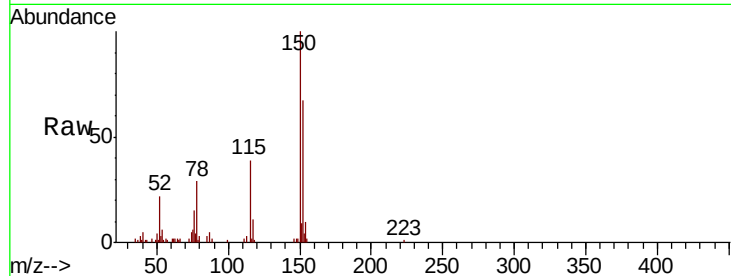


#1

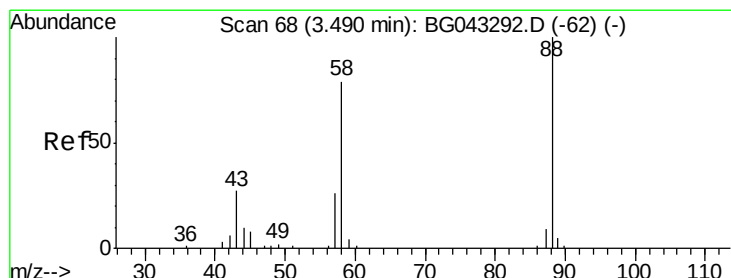
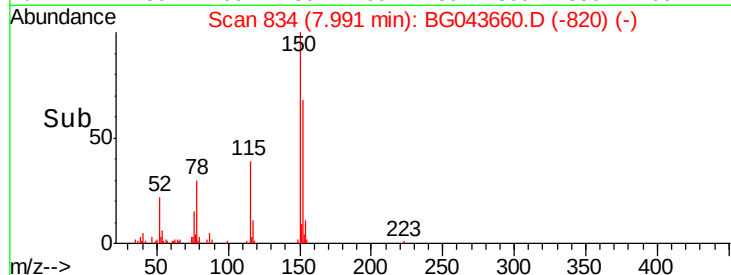
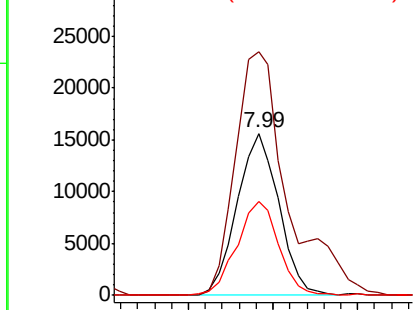
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

Tot Ion:152 Resp: 26877
Ion Ratio Lower Upper
152 100
150 150.3 129.4 194.0
115 58.0 48.8 73.2



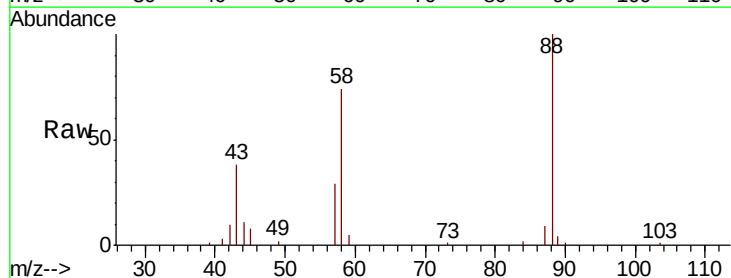
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



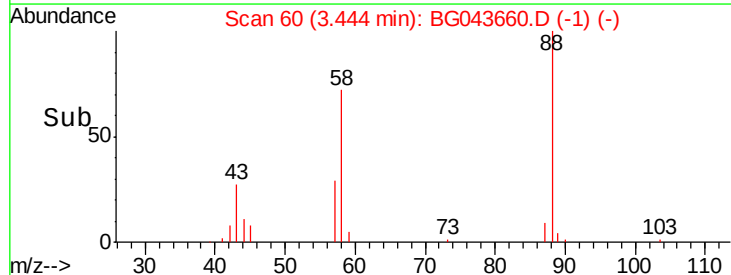
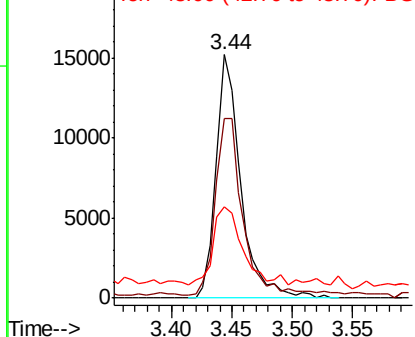
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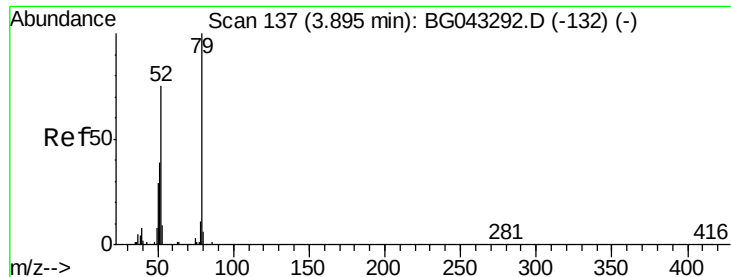
1,4-Dioxane
Concen: 37.547 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.03 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion: 88 Resp: 21461
Ion Ratio Lower Upper
88 100
58 79.4 62.7 94.1
43 36.9 23.7 35.5#



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: 34.375 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

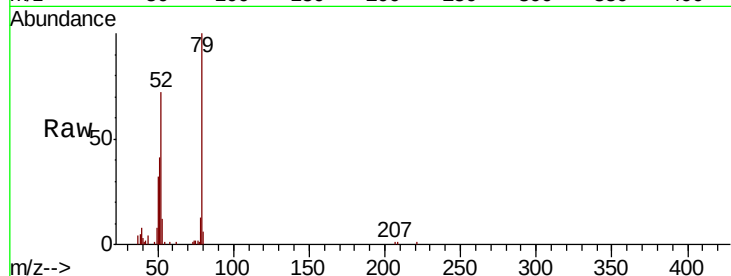
Tot Ion: 79 Resp: 49563

Ion Ratio Lower Upper

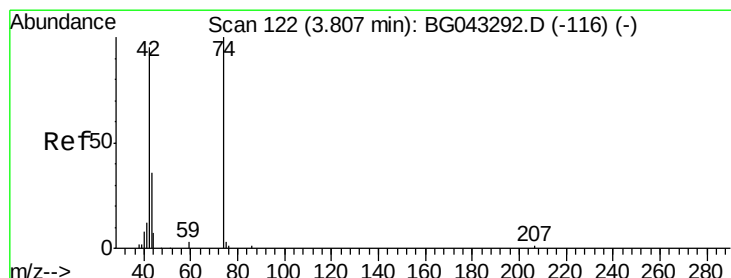
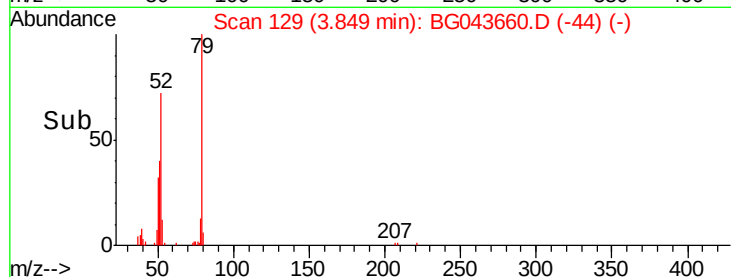
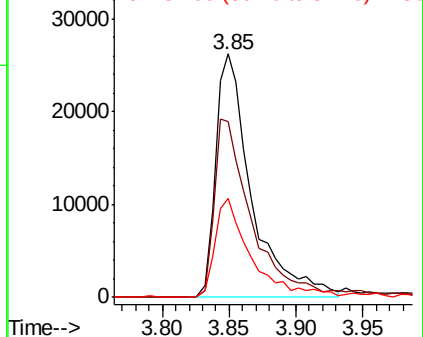
79 100

52 72.4 56.5 84.7

51 40.6 33.2 49.8



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: 45.527 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

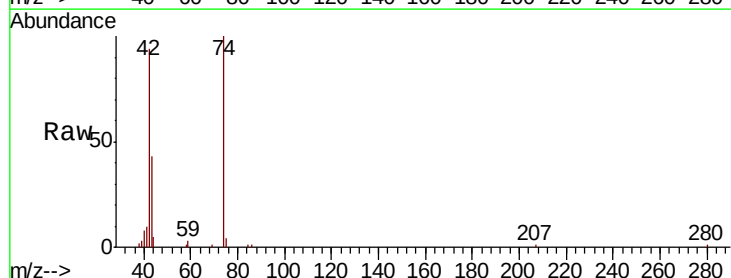
Tgt Ion: 42 Resp: 33123

Ion Ratio Lower Upper

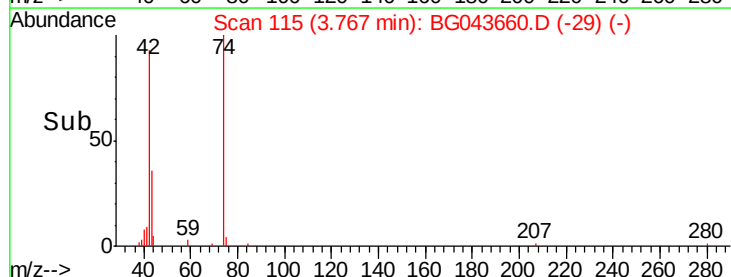
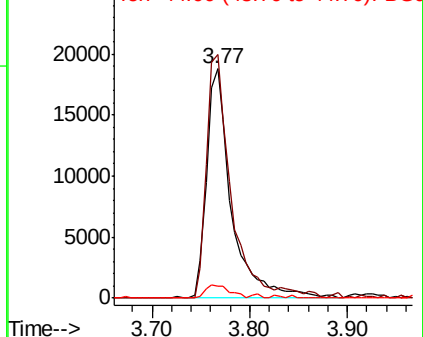
42 100

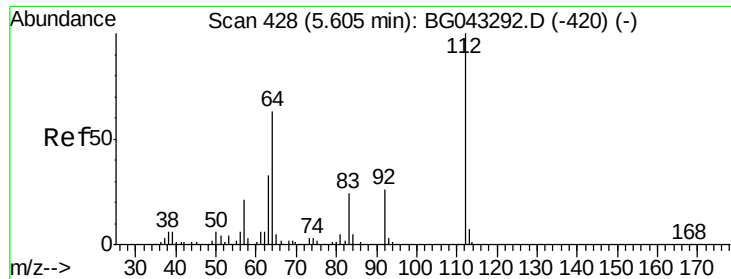
74 106.1 97.3 145.9

44 5.2 4.4 6.6



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: 78.876 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

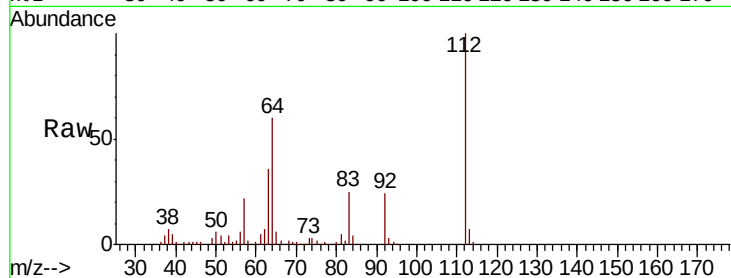
Tot Ion:112 Resp: 115690

Ion Ratio Lower Upper

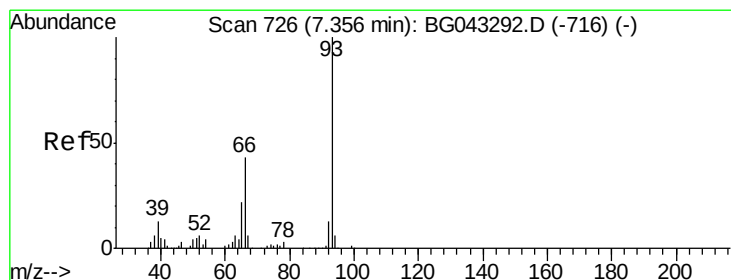
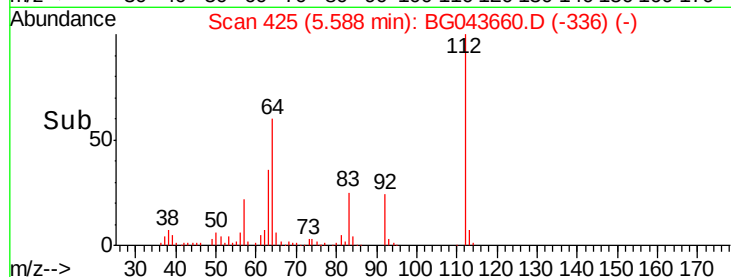
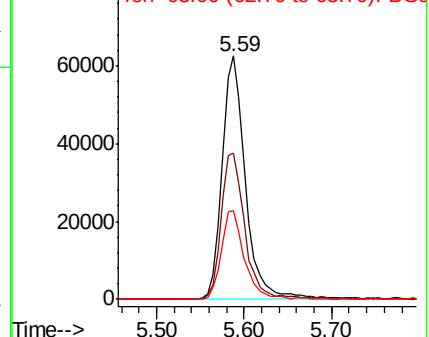
112 100

64 60.2 50.0 75.0

63 36.5 26.6 40.0



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



#6

Aniline

Concen: 36.744 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

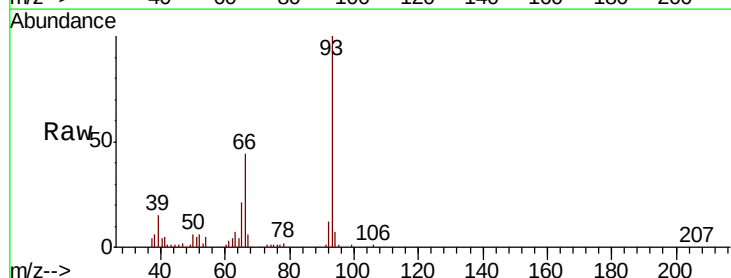
Tgt Ion: 93 Resp: 89323

Ion Ratio Lower Upper

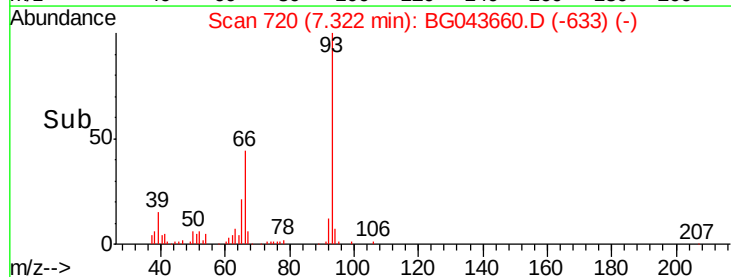
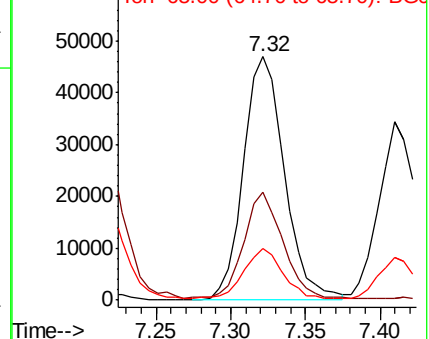
93 100

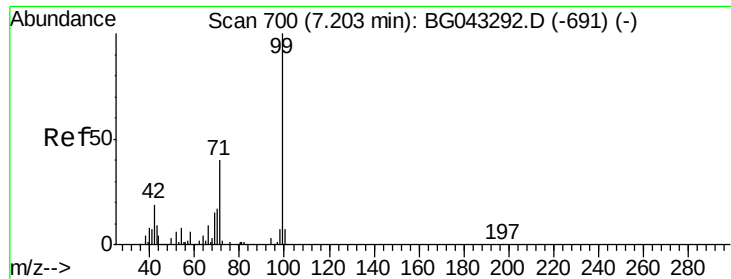
66 44.2 32.3 48.5

65 21.4 16.1 24.1



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: 78.734 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

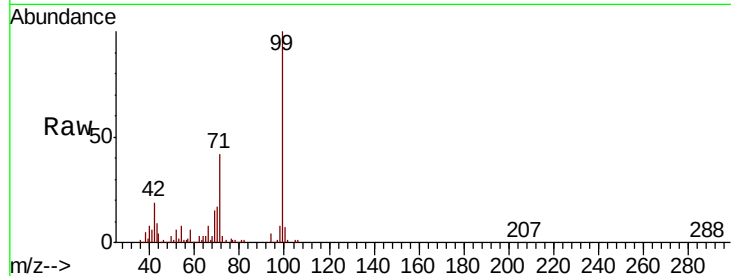
Tot Ion: 99 Resp: 166150

Ion Ratio Lower Upper

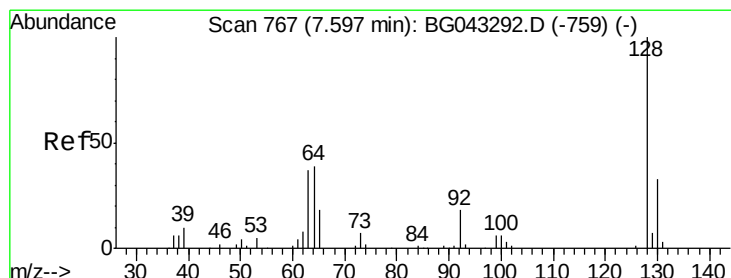
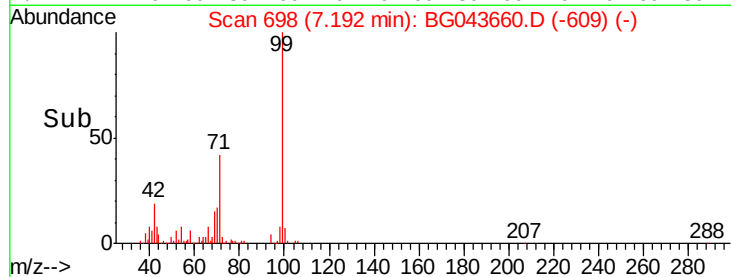
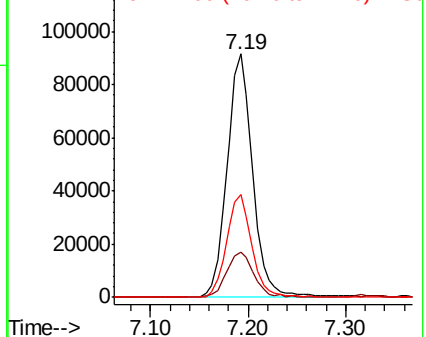
99 100

42 18.5 14.6 21.8

71 42.4 32.5 48.7



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: 46.315 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

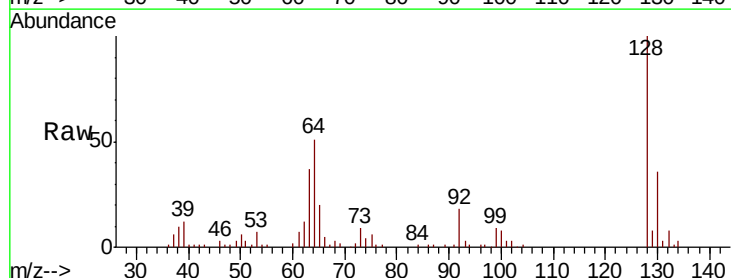
Tgt Ion: 128 Resp: 74988

Ion Ratio Lower Upper

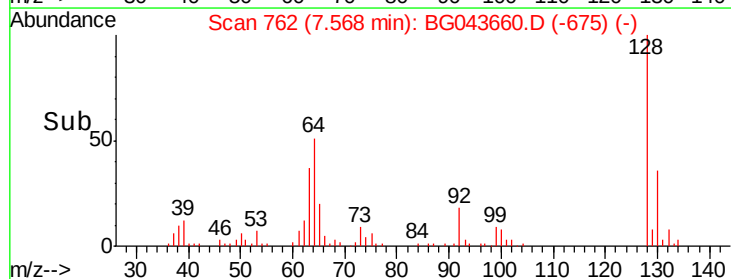
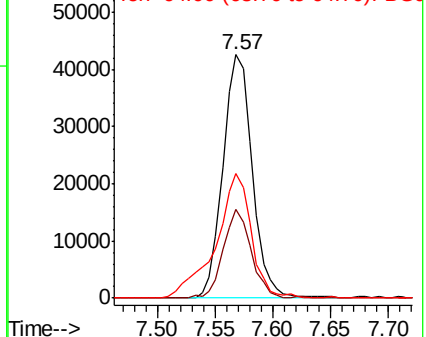
128 100

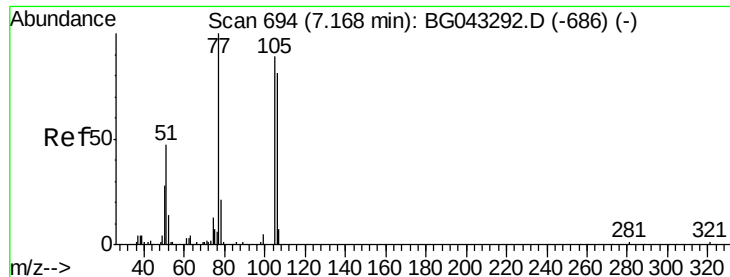
130 36.4 12.5 52.5

64 51.2 25.3 65.3



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: 35.343 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

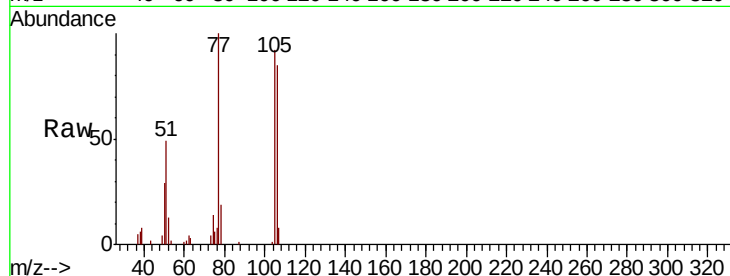
Tot Ion: 77 Resp: 36653

Ion Ratio Lower Upper

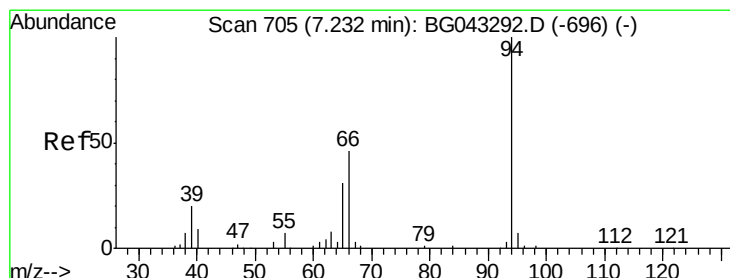
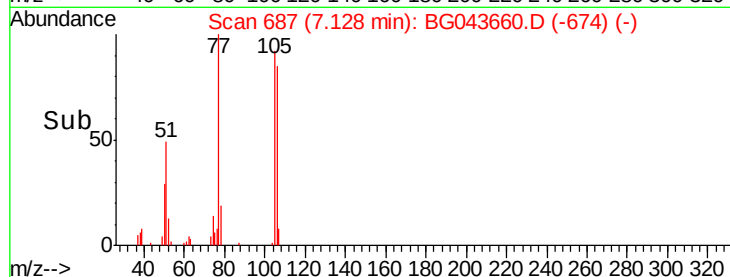
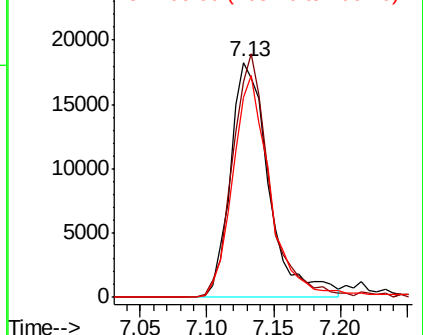
77 100

105 91.9 68.6 108.6

106 85.1 69.9 109.9



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



#10

Phenol

Concen: 48.579 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

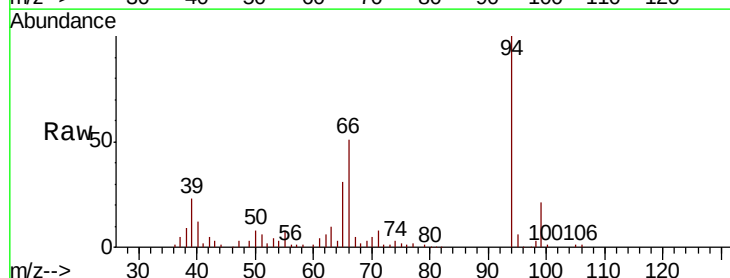
Tgt Ion: 94 Resp: 93678

Ion Ratio Lower Upper

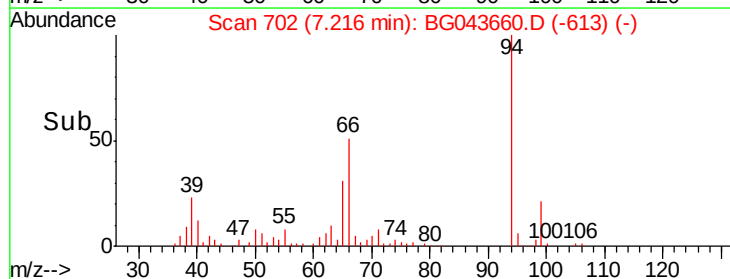
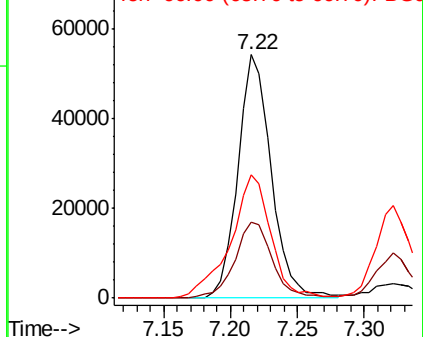
94 100

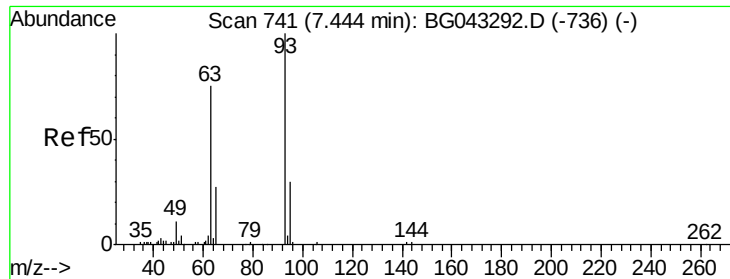
65 31.4 12.6 52.6

66 50.6 30.7 70.7



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

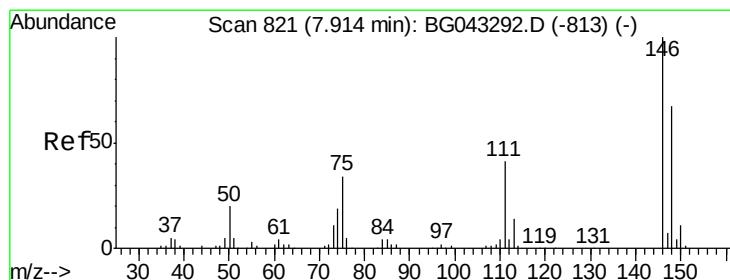
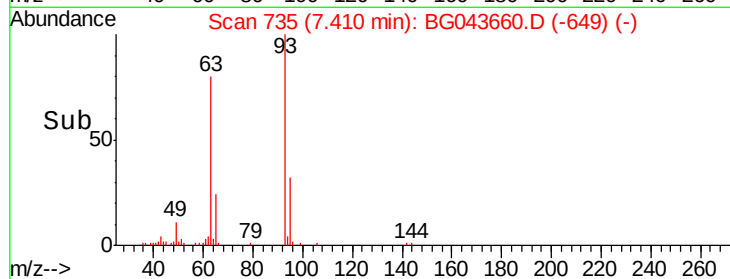
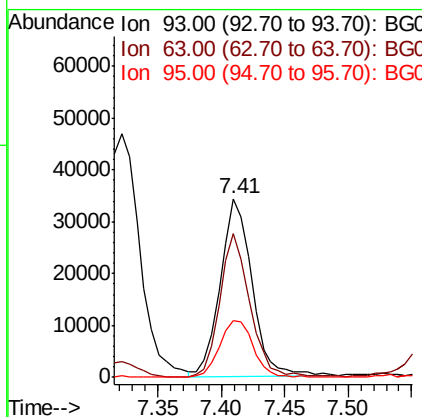
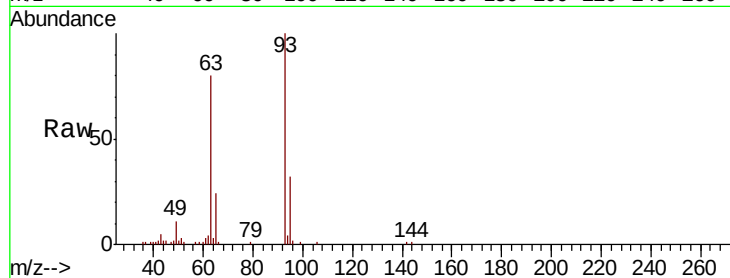




#11
 bis(2-Chloroethyl)ether
 Concen: 39.492 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

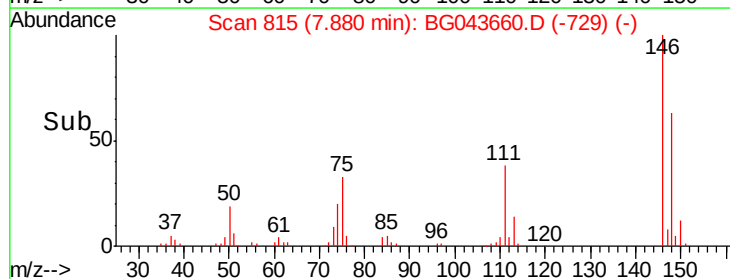
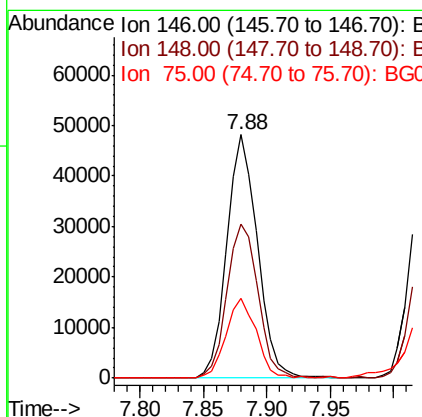
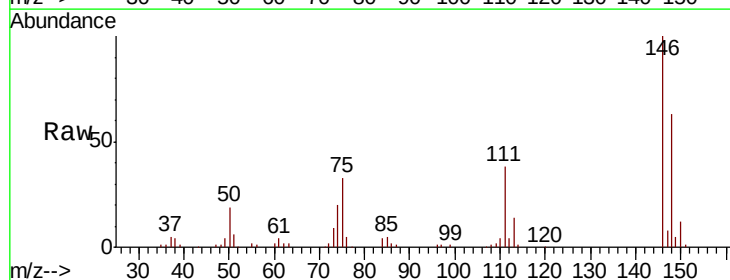
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

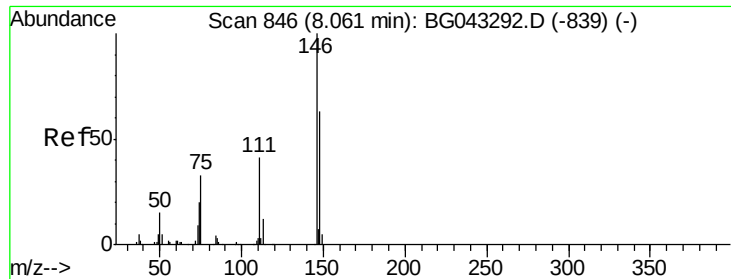
Tot Ion	93.00	Resp	58878
Ion	Ratio	Lower	Upper
93	100		
63	80.3	56.3	96.3
95	32.0	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 39.597 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	146	Resp	80327
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	32.6	24.6	37.0

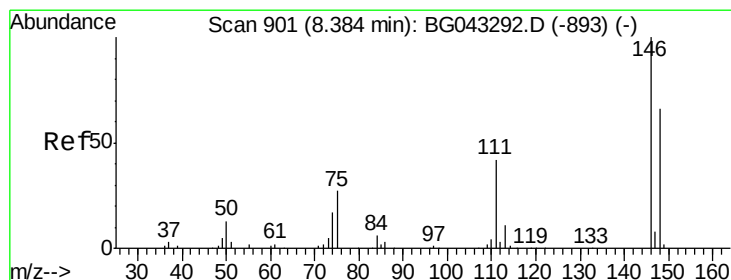
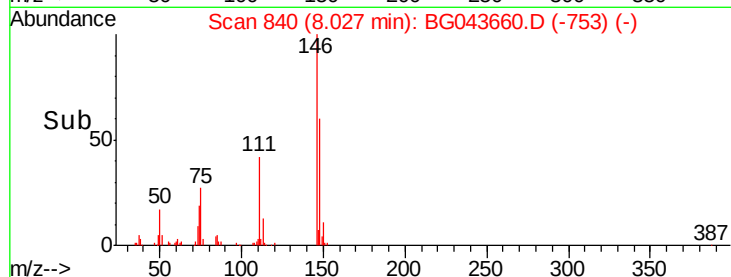
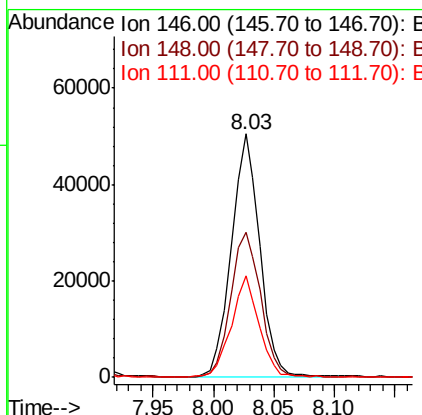
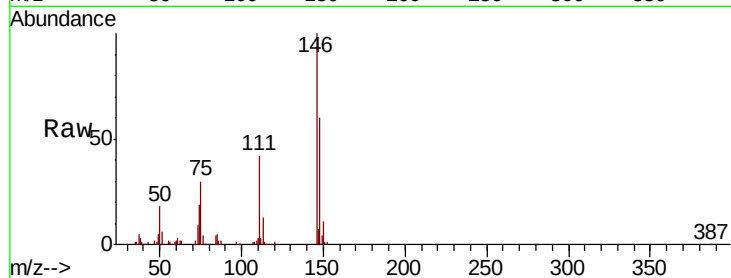




#13
 1,4-Dichlorobenzene
 Concen: 40.370 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

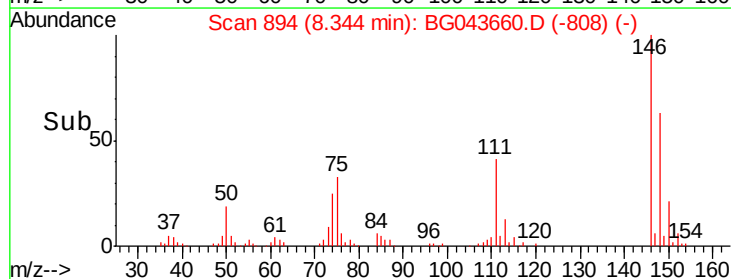
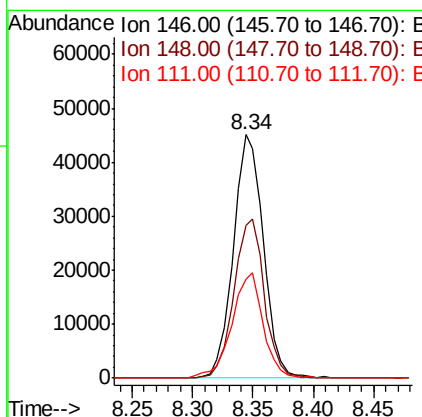
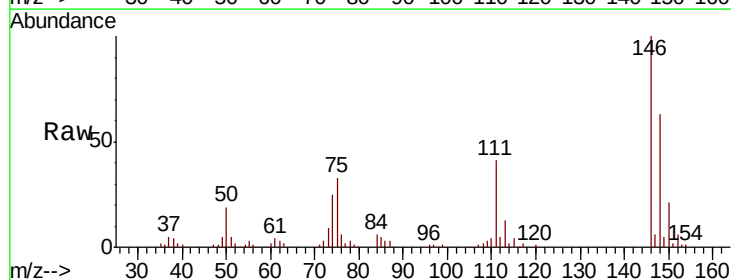
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

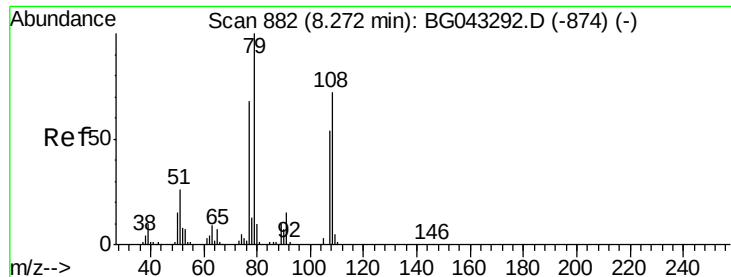
Tot Ion:146 Resp: 82858
 Ion Ratio Lower Upper
 146 100
 148 59.8 50.7 76.1
 111 41.5 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 39.018 ng
 RT: 8.34 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion:146 Resp: 78192
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.2 79.8
 111 40.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 46.039 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

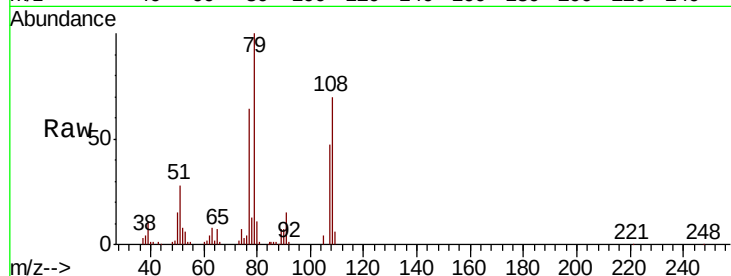
Tot Ion: 79 Resp: 68232

Ion Ratio Lower Upper

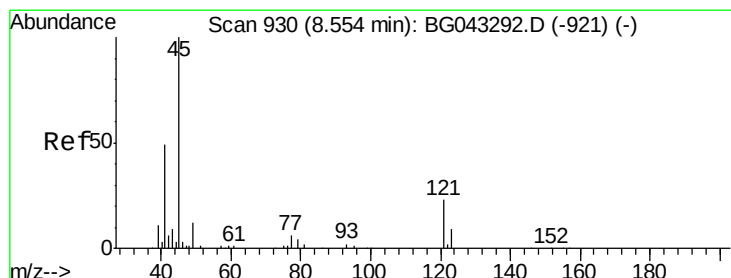
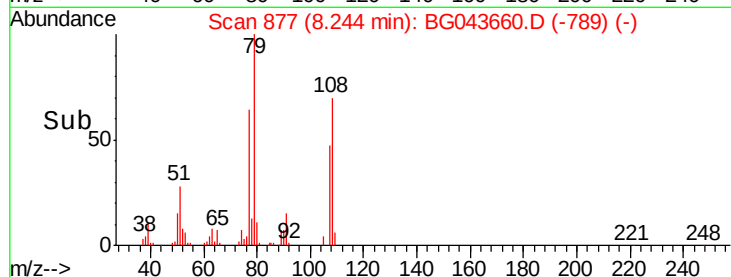
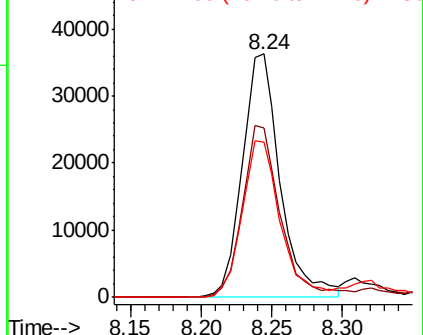
79 100

108 69.7 53.6 80.4

77 63.7 49.6 74.4



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: 38.487 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

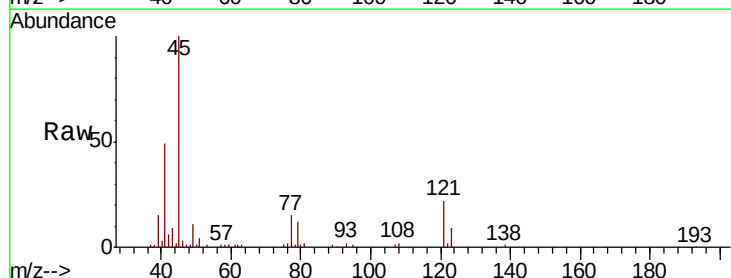
Tgt Ion: 45 Resp: 83434

Ion Ratio Lower Upper

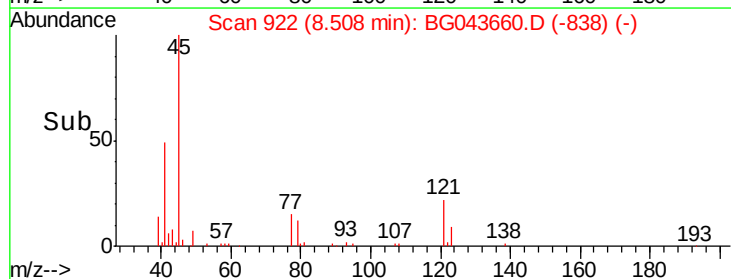
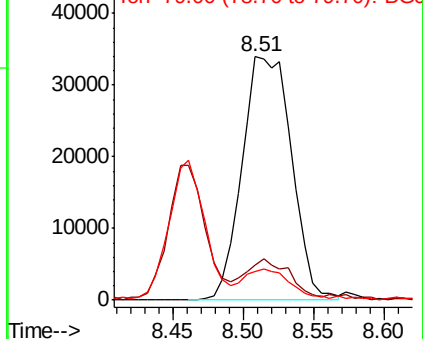
45 100

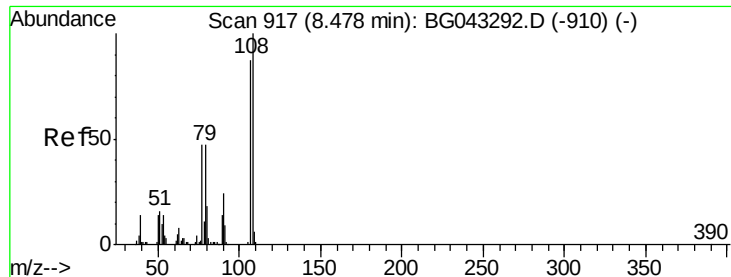
77 14.6 0.0 34.9

79 11.7 0.0 33.0



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: 47.373 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

Tot Ion:107 Resp: 66596

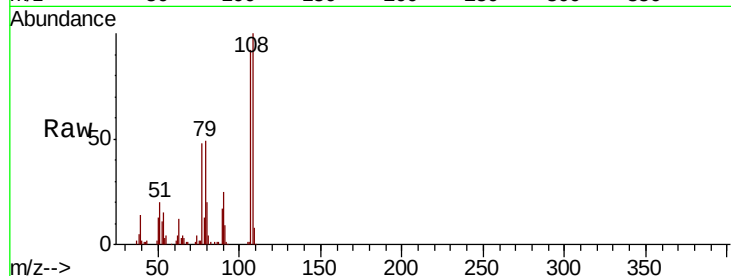
Ion Ratio Lower Upper

107 100

108 108.9 90.2 135.4

77 52.0 40.2 60.2

79 53.7 44.0 66.0

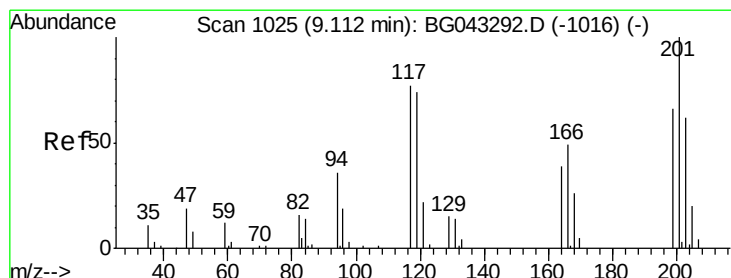
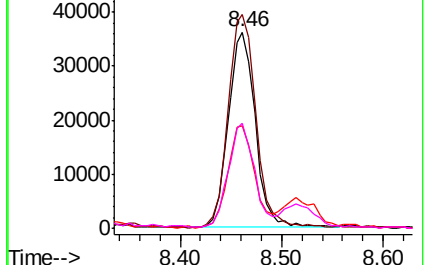
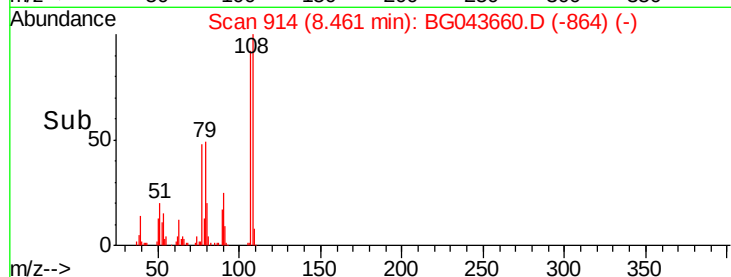


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.880 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

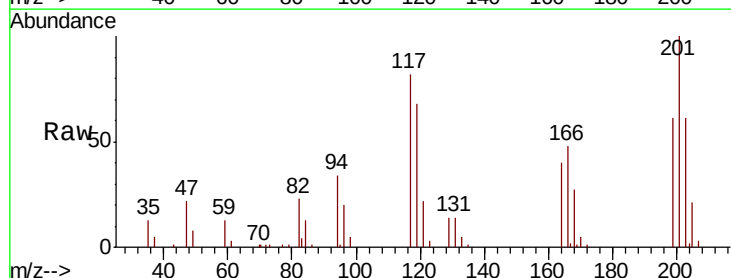
Tgt Ion:117 Resp: 29531

Ion Ratio Lower Upper

117 100

119 83.0 79.0 118.4

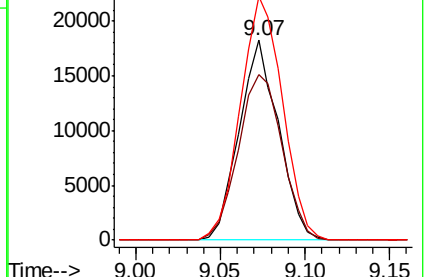
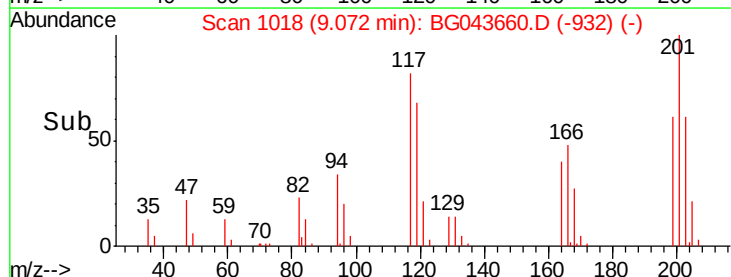
201 121.7 105.4 158.2

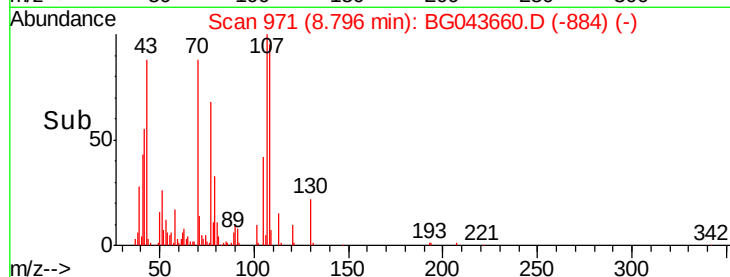
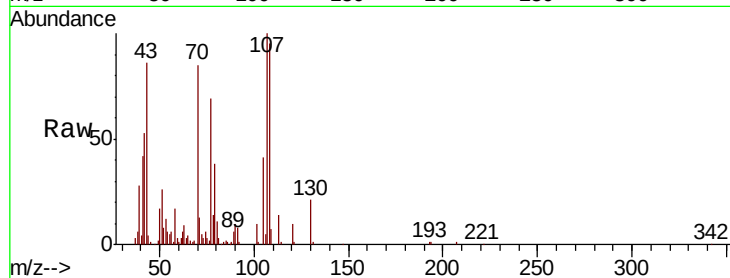
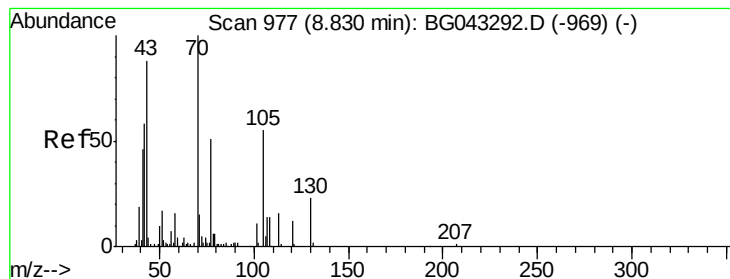


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.292 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

Tot Ion: 70 Resp: 57670

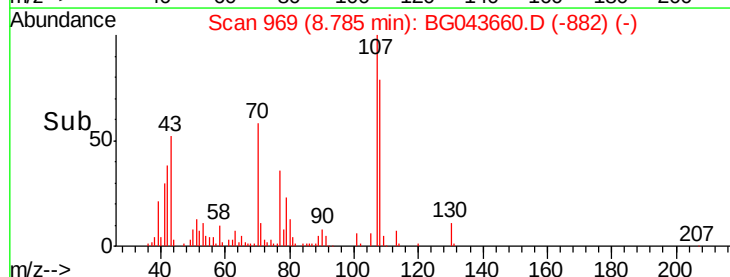
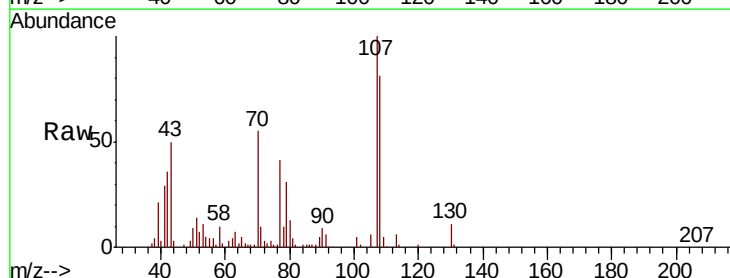
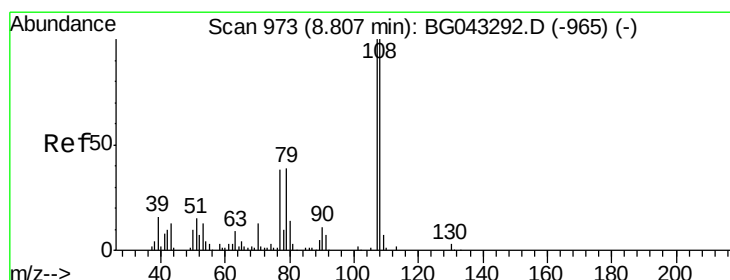
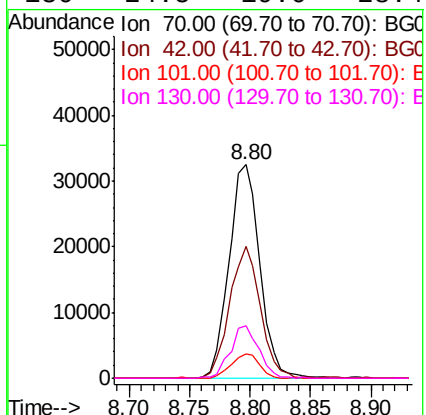
Ion Ratio Lower Upper

70 100

42 61.9 41.4 62.2

101 11.6 7.9 11.9

130 24.5 19.0 28.4



#20

3+4-Methylphenols

Concen: 46.246 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion: 107 Resp: 89146

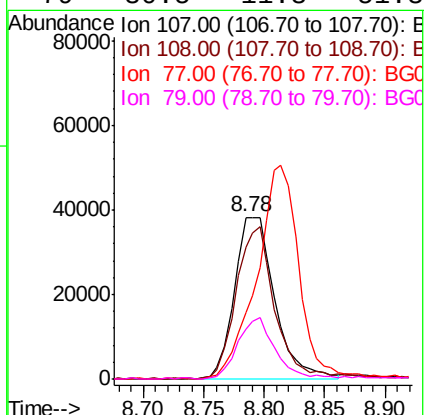
Ion Ratio Lower Upper

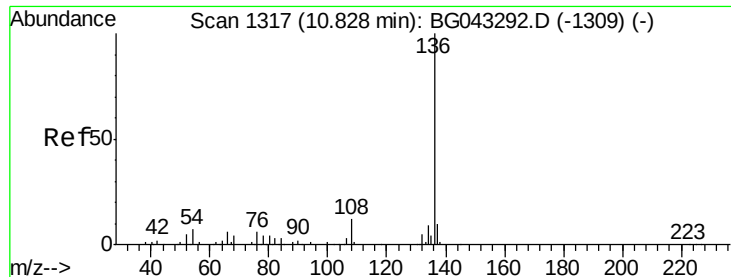
107 100

108 81.5 66.6 106.6

77 40.8 20.9 60.9

79 30.5 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

Tot Ion:136 Resp: 118578

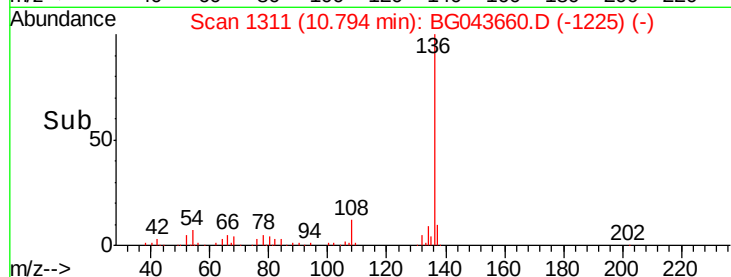
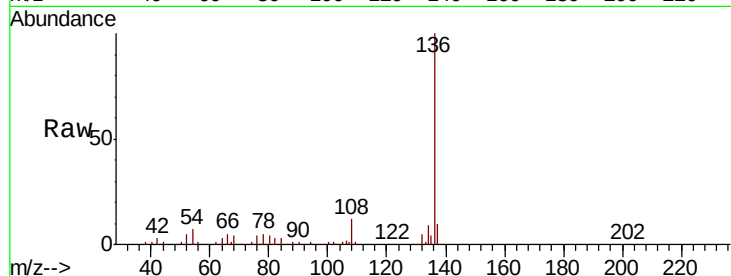
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 7.4 5.4 8.2

68 3.7 3.0 4.4

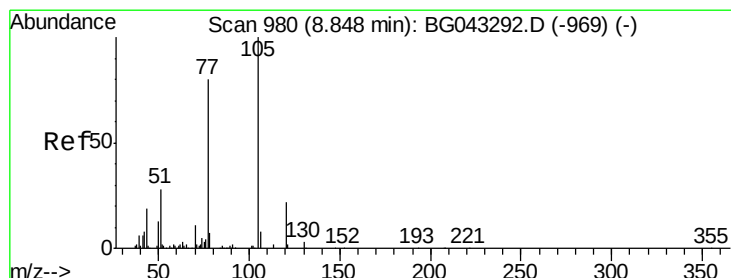
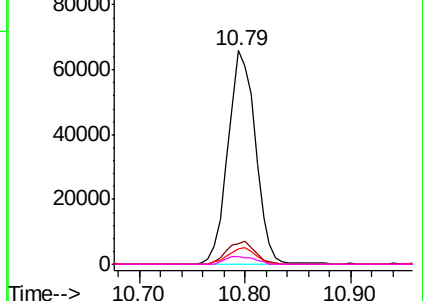


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.757 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion:105 Resp: 111620

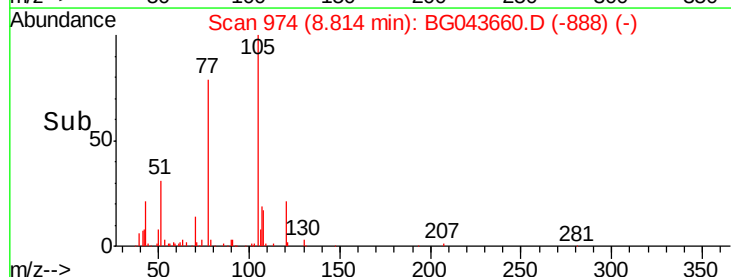
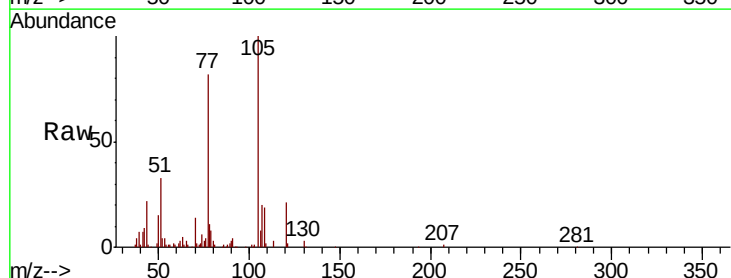
Ion Ratio Lower Upper

105 100

71 2.2 0.8 1.2#

51 32.9 21.0 31.4#

120 20.8 18.0 27.0

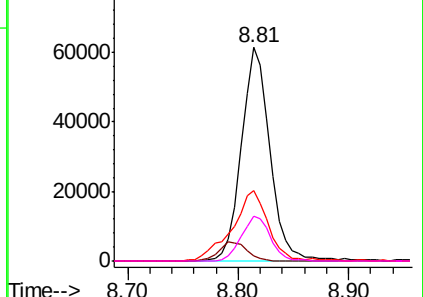


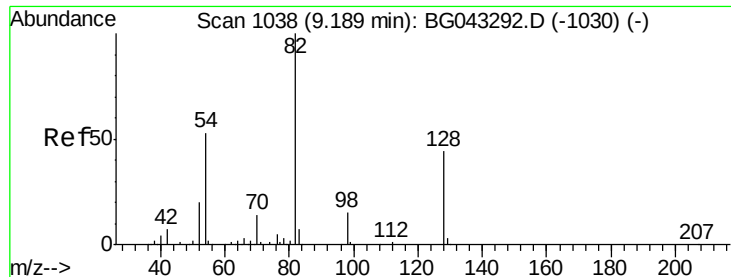
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

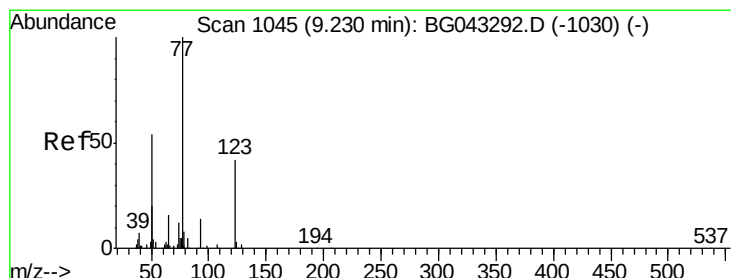
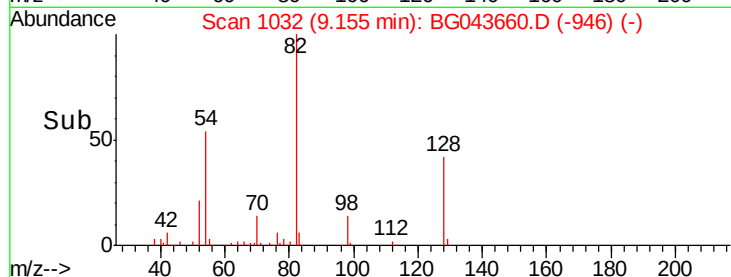
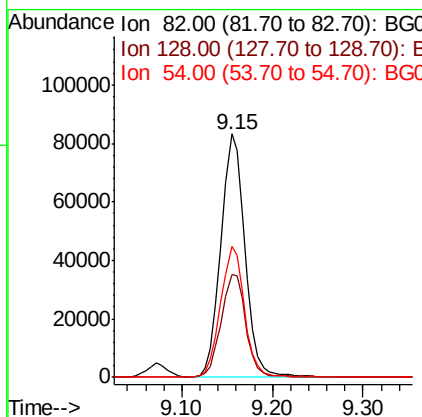
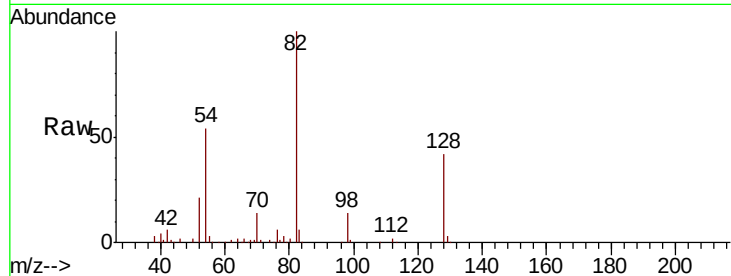




#23
 Nitrobenzene-d5
 Concen: 66.942 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

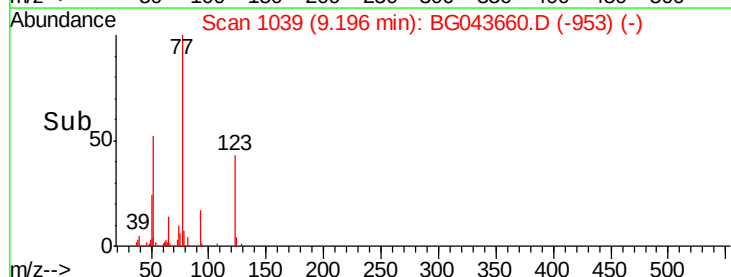
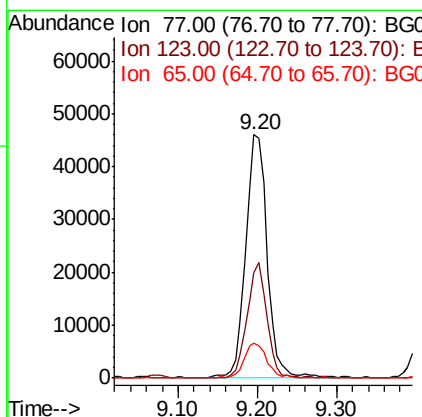
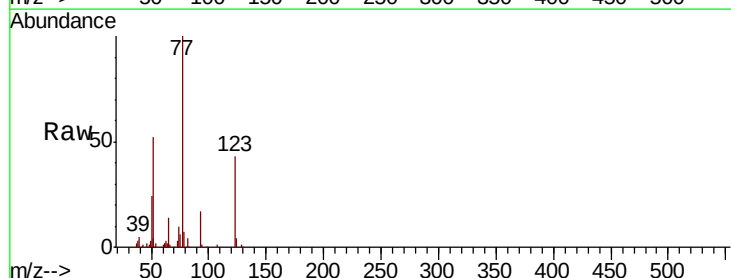
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

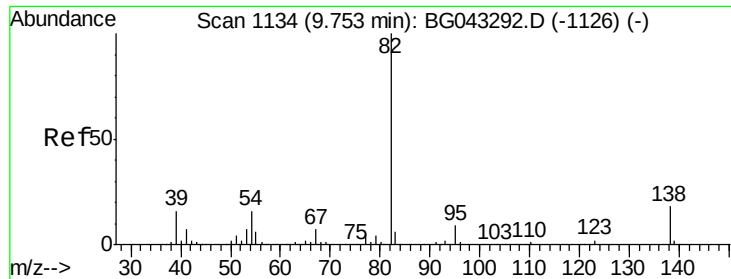
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.0	52.6
54	53.9	40.2	60.2



#24
 Nitrobenzene
 Concen: 39.894 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.0	52.6
65	14.5	9.5	14.3#





#25

Isophorone

Concen: 39.521 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

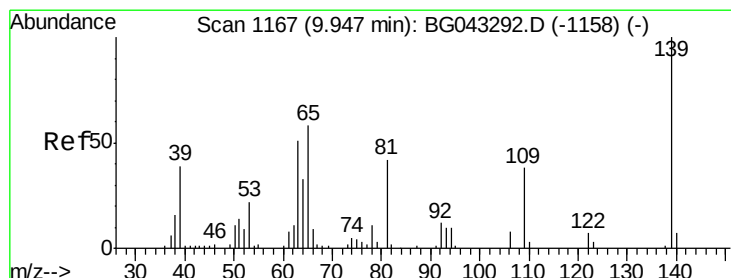
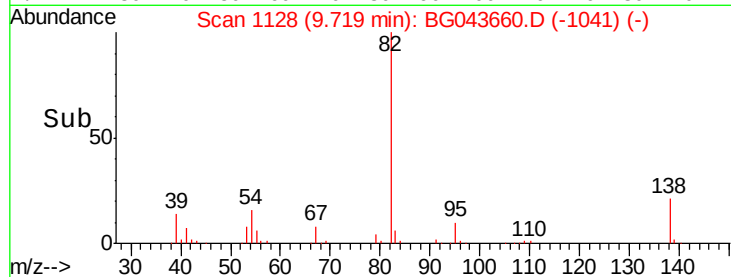
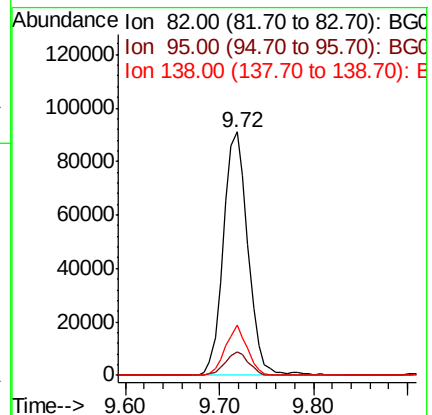
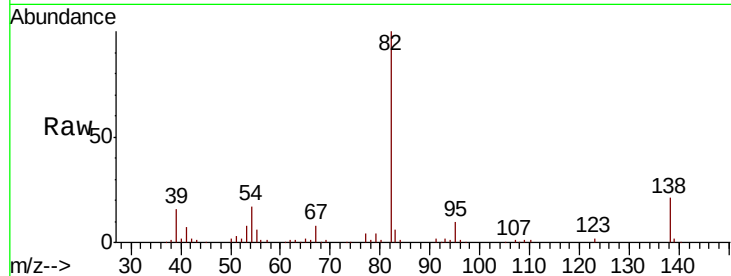
Tot Ion: 82 Resp: 166191

Ion Ratio Lower Upper

82 100

95 9.8 6.6 9.8

138 20.8 15.2 22.8



#26

2-Nitrophenol

Concen: 42.343 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

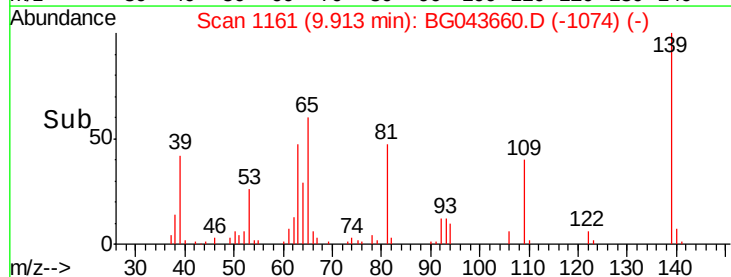
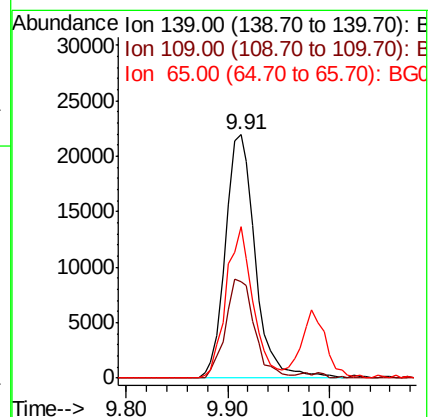
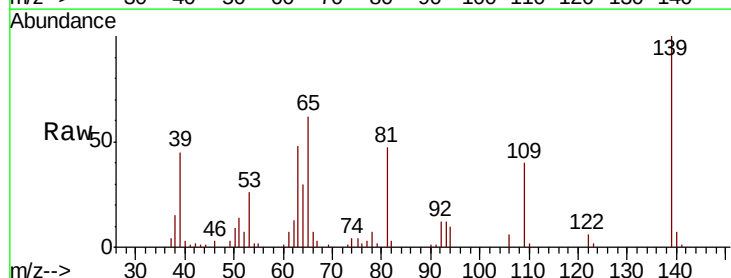
Tgt Ion: 139 Resp: 44791

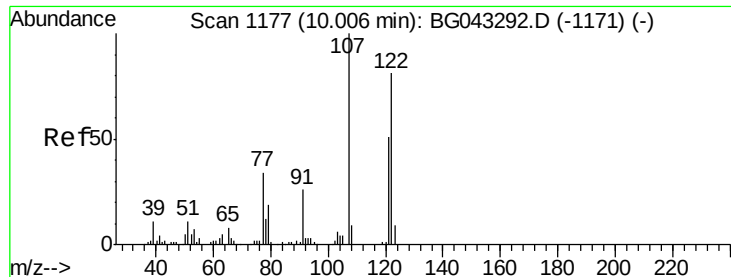
Ion Ratio Lower Upper

139 100

109 39.6 26.5 39.7

65 62.0 43.8 65.8

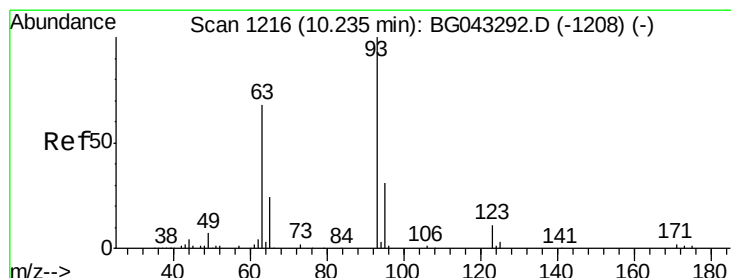
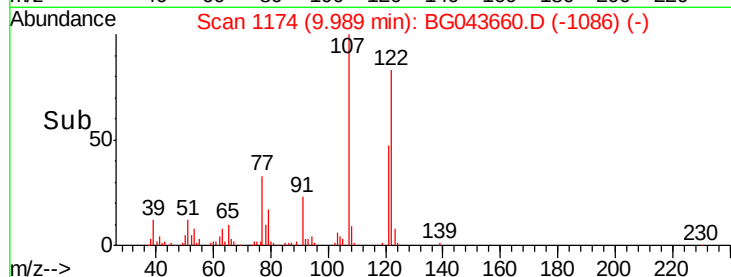
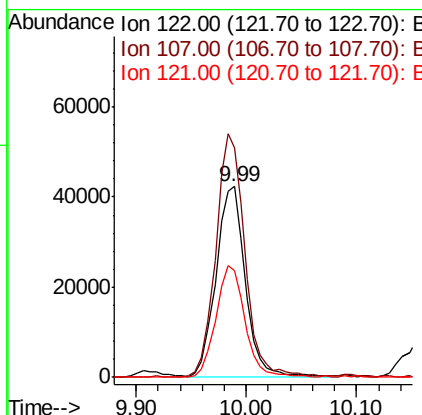
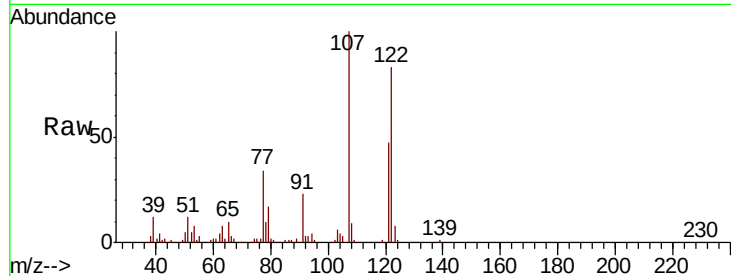




#27
2,4-Dimethylphenol
Concen: 51.189 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

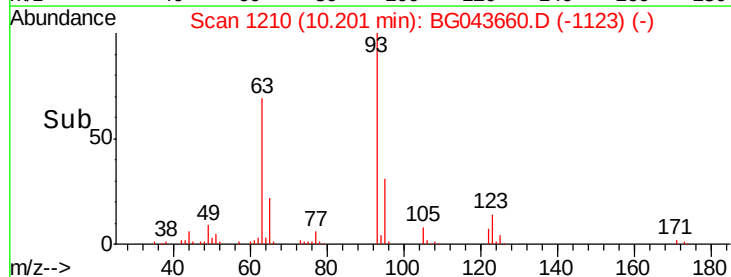
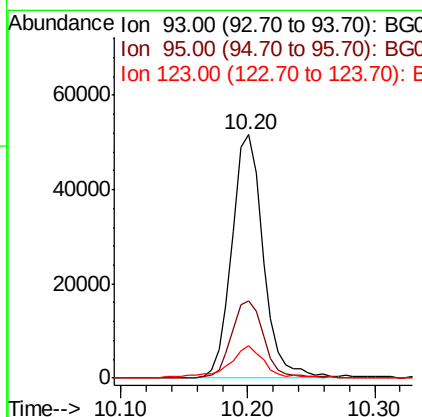
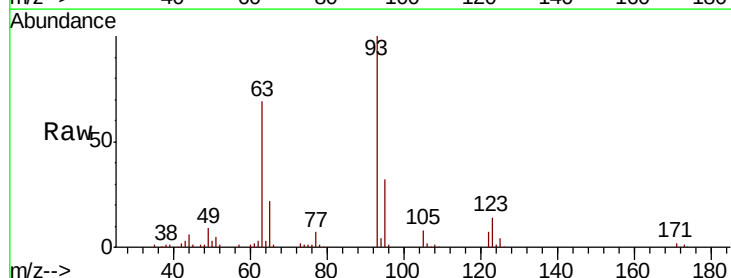
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

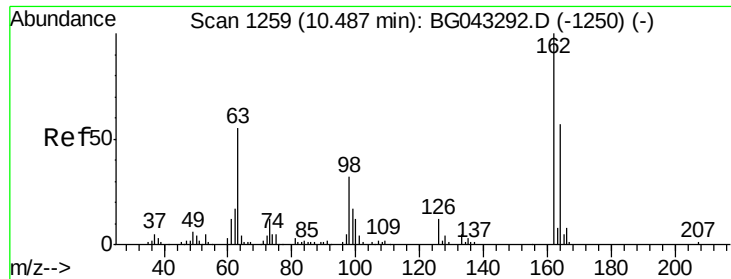
Tot Ion:122 Resp: 77608
Ion Ratio Lower Upper
122 100
107 119.8 104.4 156.6
121 55.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.111 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion: 93 Resp: 88450
Ion Ratio Lower Upper
93 100
95 31.8 26.0 39.0
123 13.5 10.6 15.8

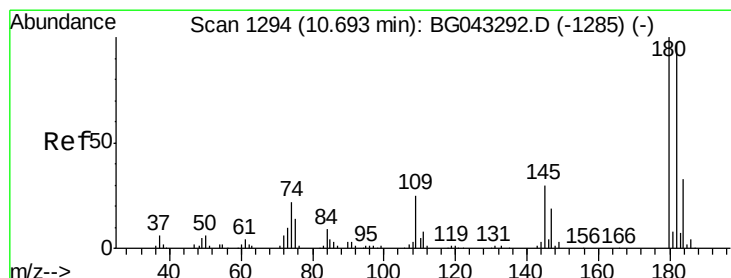
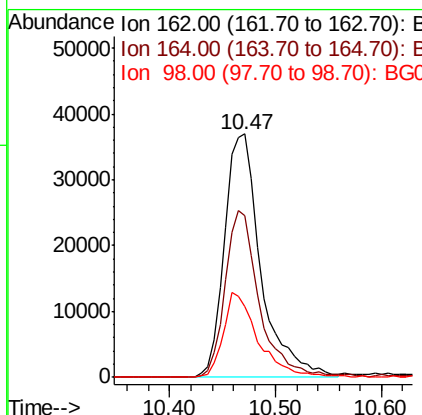
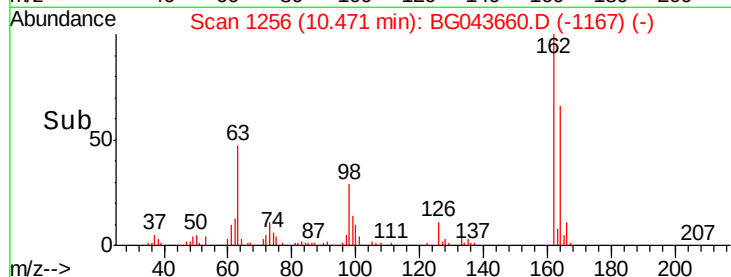
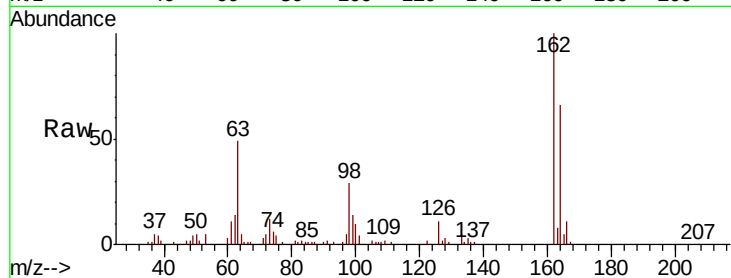




#29
 2,4-Dichlorophenol
 Concen: 45.365 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

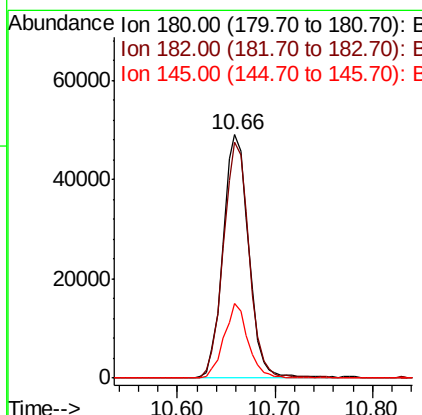
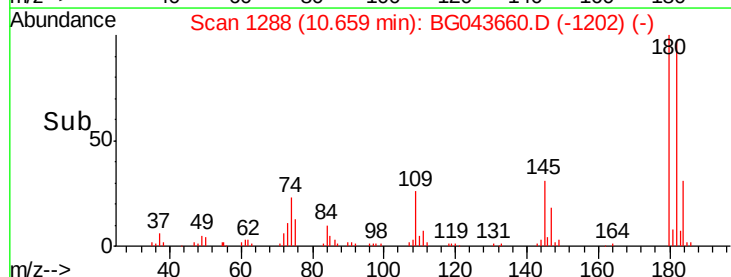
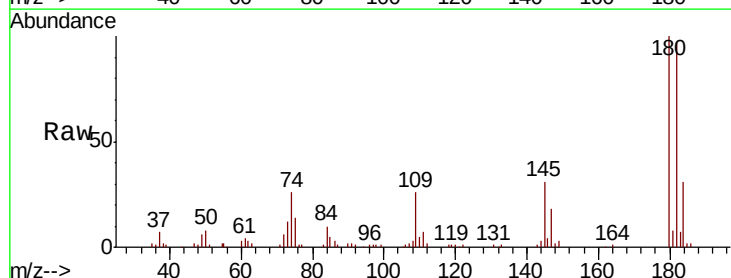
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

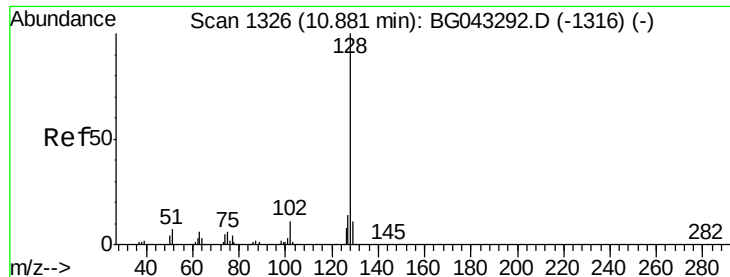
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.9	88.9
98	29.1	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.554 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.1	112.7
145	30.8	23.9	35.9

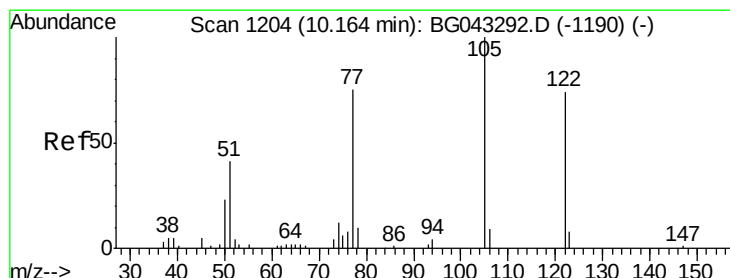
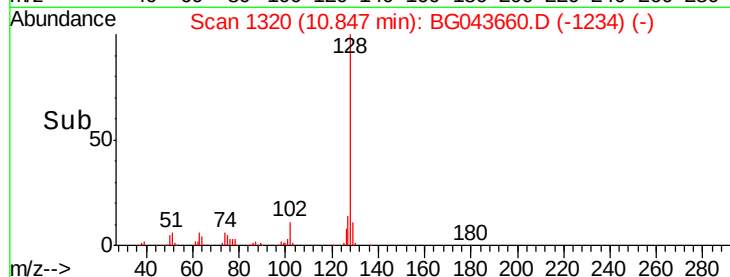
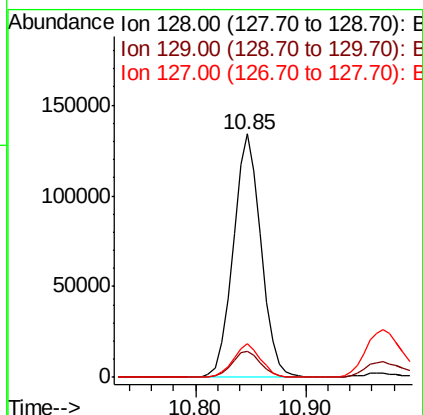
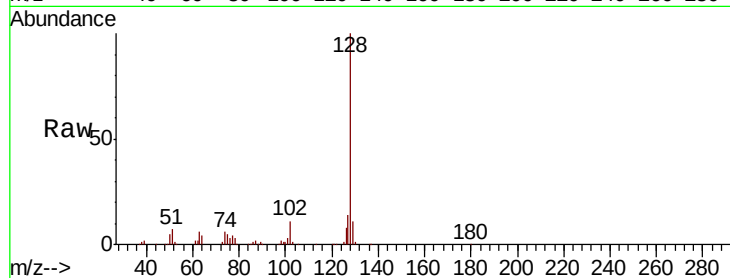




#31
Naphthalene
Concen: 39.282 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

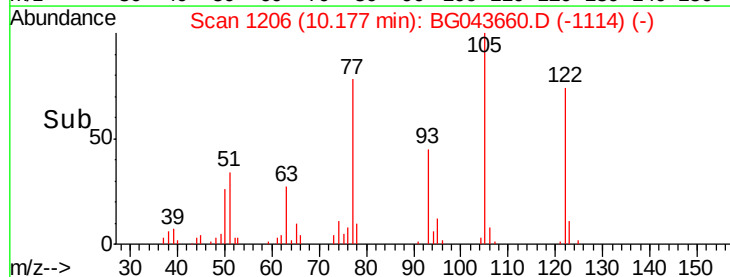
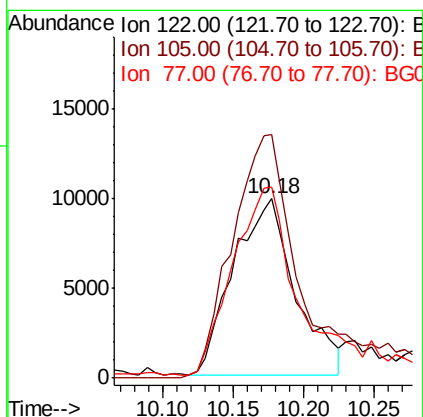
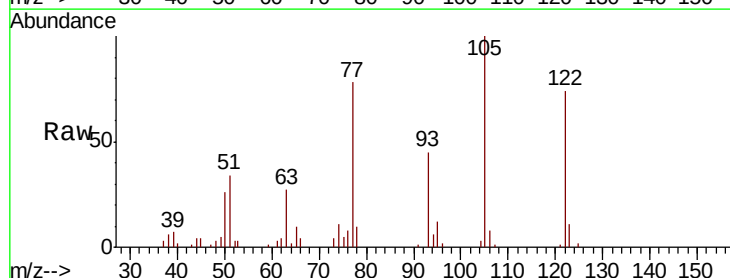
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

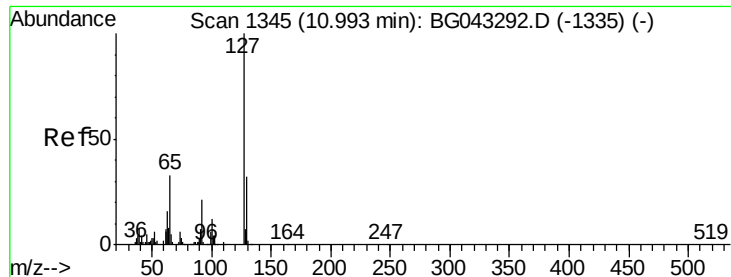
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.8	11.1	16.7



#32
Benzoic acid
Concen: 30.285 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	103.3	143.3
77	106.4	84.9	124.9





#33

4-Chloroaniline

Concen: 26.513 ng

RT: 10.97 min Scan# 1341

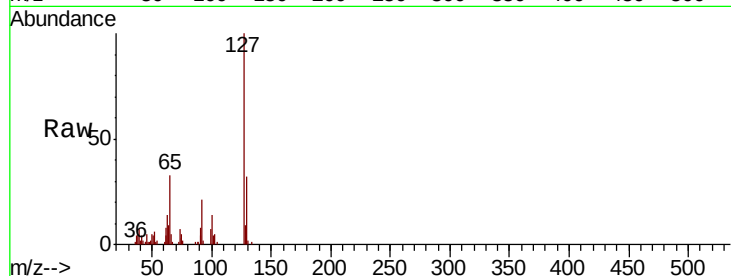
Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

Tot Ion:127	Resp:	65413
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.5 39.7
65	32.7	26.4 39.6
92	21.2	16.2 24.2



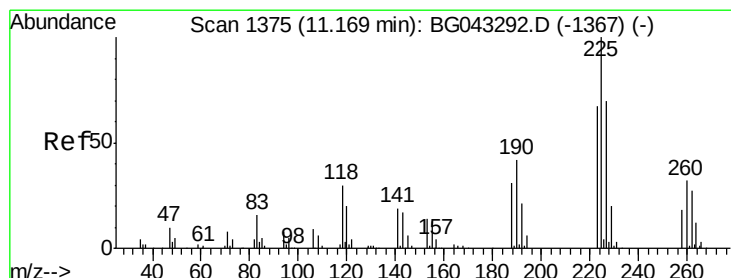
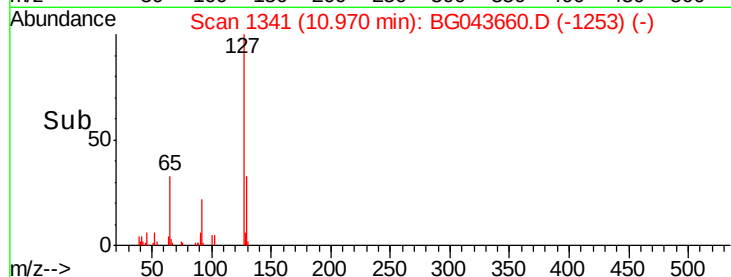
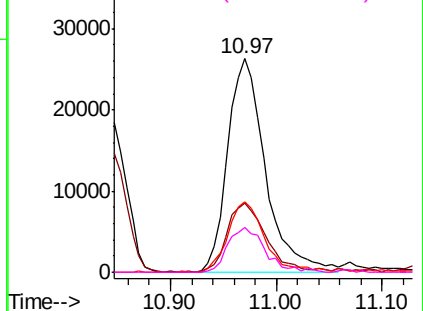
Abundance

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): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 34.911 ng

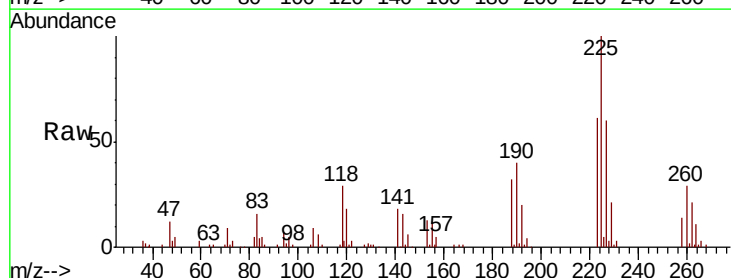
RT: 11.13 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion:225	Resp:	63184
Ion Ratio	Lower	Upper
225	100	
223	60.8	52.7 79.1
227	60.1	54.8 82.2

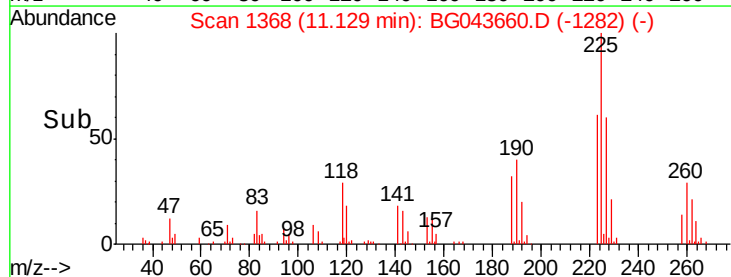
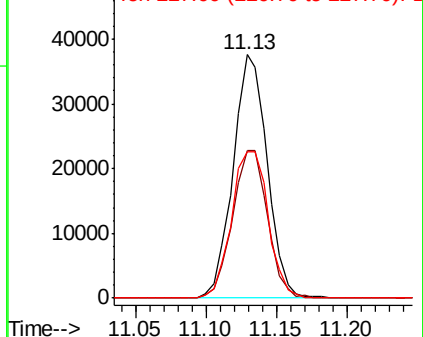


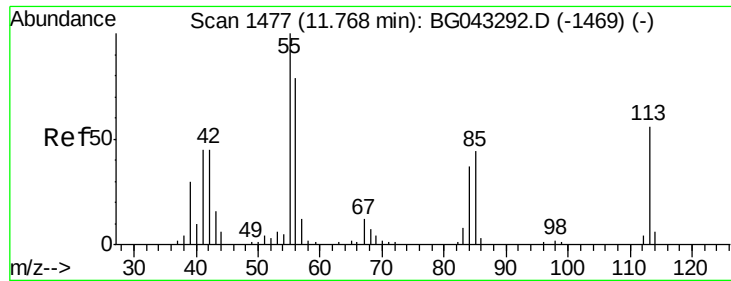
Abundance

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: 7.206 ng

RT: 11.79 min Scan# 1481

Delta R.T. 0.04 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

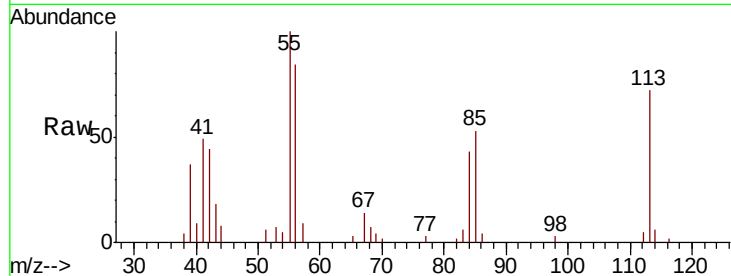
Tot Ion:113 Resp: 4821

Ion Ratio Lower Upper

113 100

55 139.5 134.1 174.1

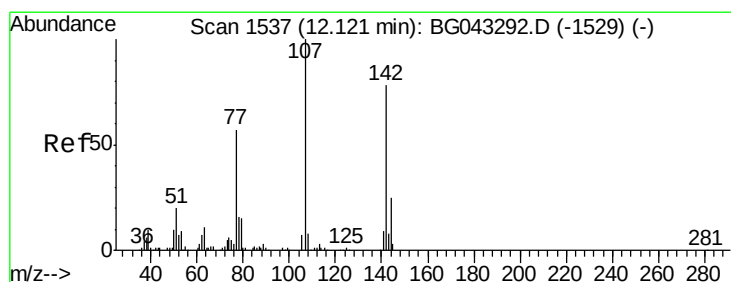
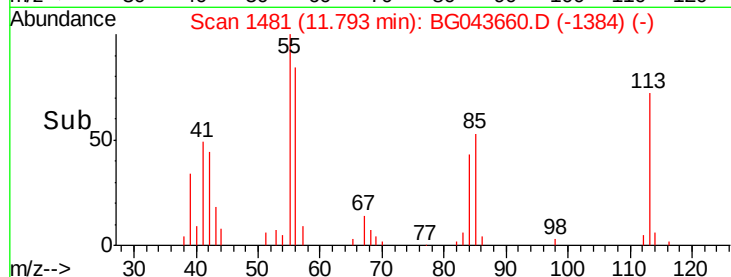
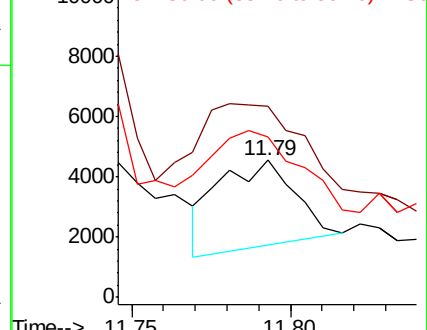
56 117.1 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.602 ng

RT: 12.10 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

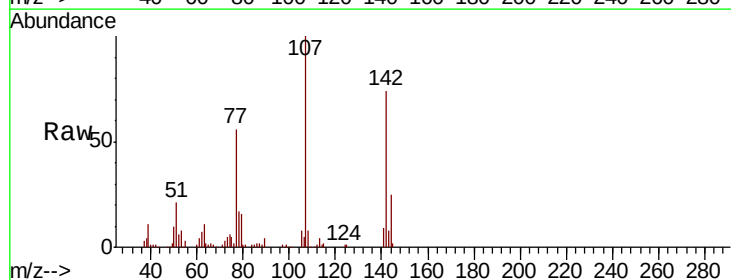
Tgt Ion:107 Resp: 98746

Ion Ratio Lower Upper

107 100

144 25.4 20.9 31.3

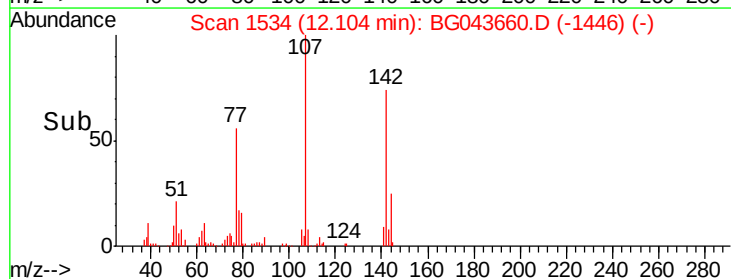
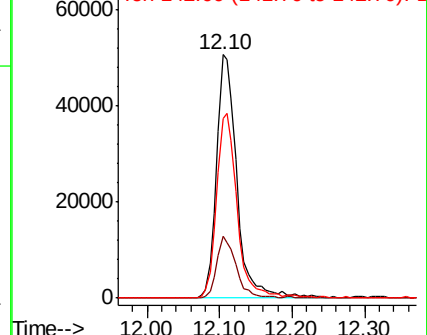
142 73.7 59.6 89.4

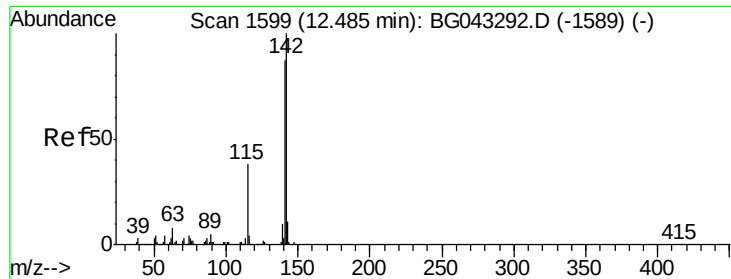


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

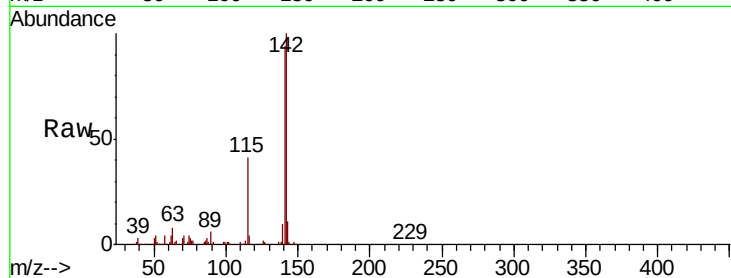




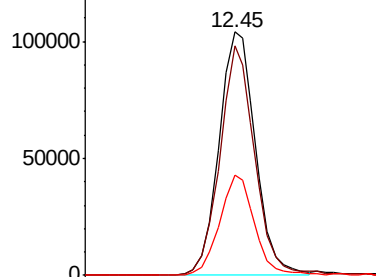
#37
2-Methylnaphthalene
Concen: 40.598 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

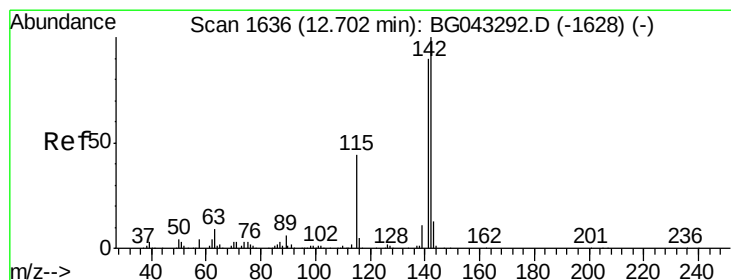
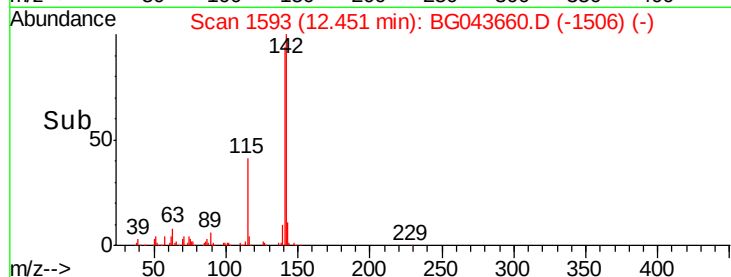
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.2	108.2
115	41.2	33.2	49.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

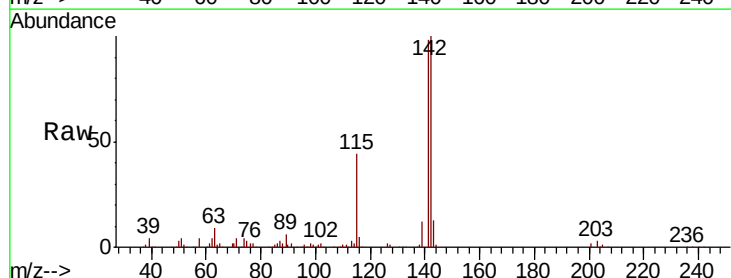


Time-->

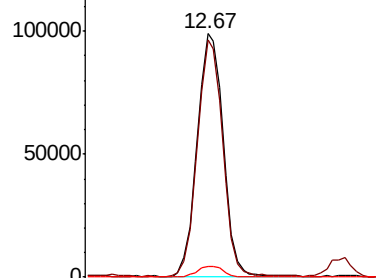


#38
1-Methylnaphthalene
Concen: 39.810 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

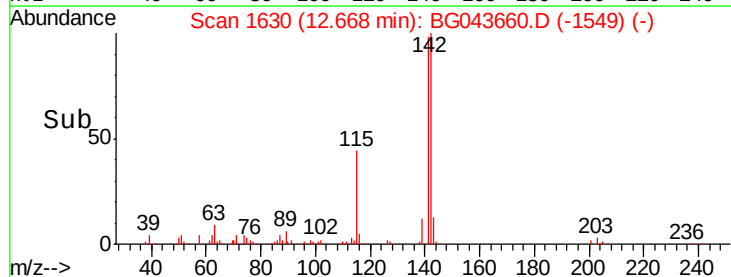
Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	73.2	109.8
116	4.6	3.6	5.4

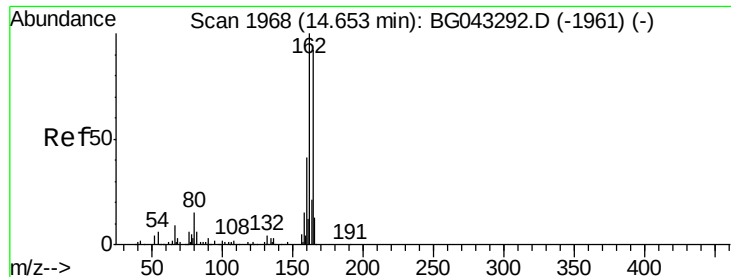


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

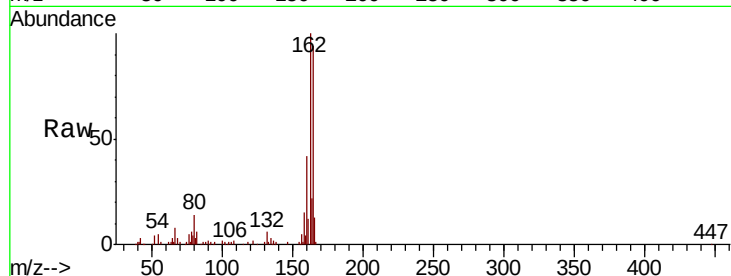
BNA_G

ClientSampleId :

PB124785BSD

Tot Ion:164 Resp: 91715

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.5	125.3
160	44.3	36.5	54.7

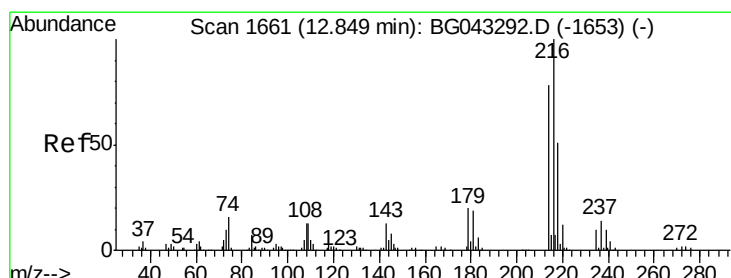
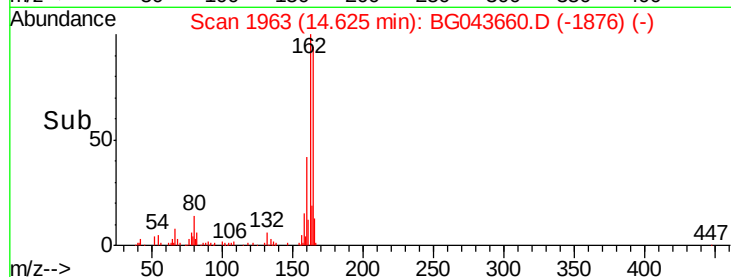
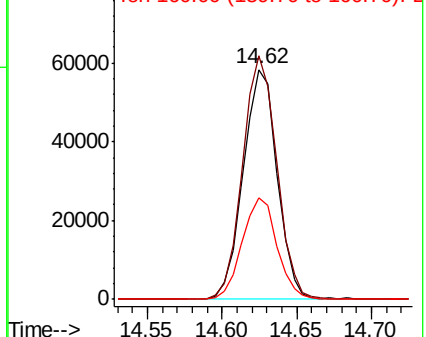


Abundance

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: 35.734 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion:216 Resp: 121289

Ion	Ratio	Lower	Upper
216	100		
214	80.0	61.7	92.5
179	20.6	15.8	23.8
108	15.9	11.5	17.3

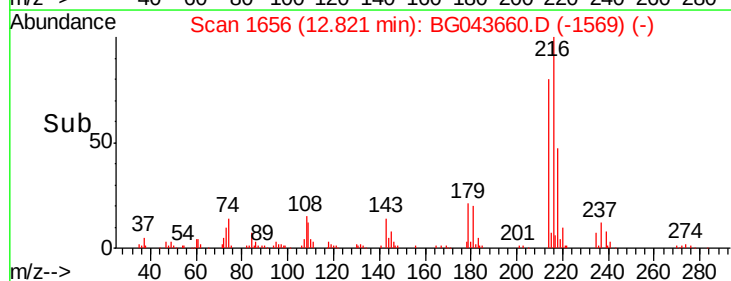
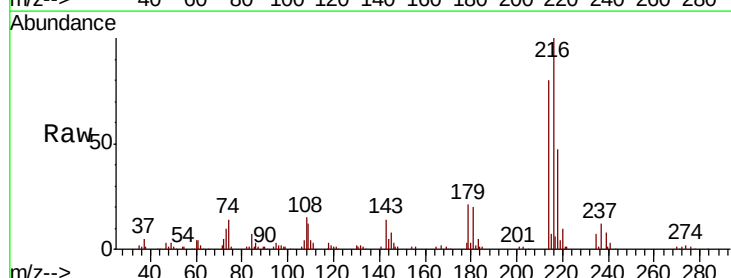
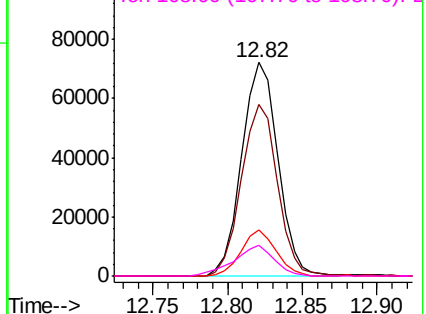
Abundance

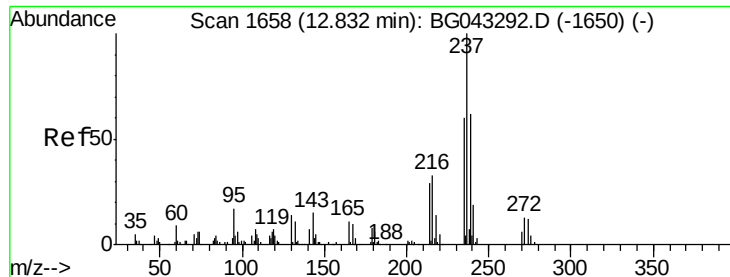
Ion 216.00 (215.70 to 216.70): E

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

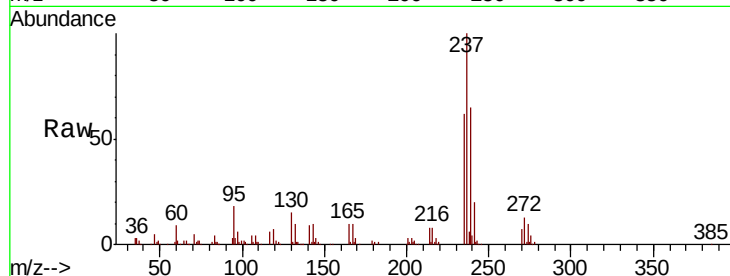




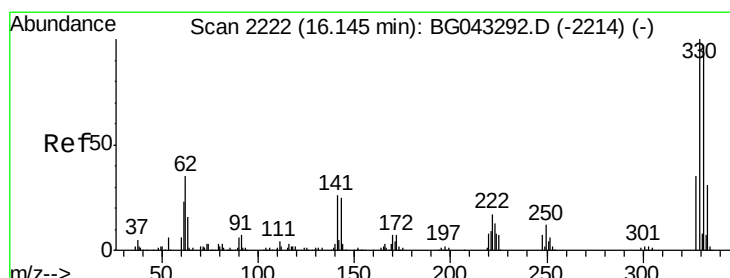
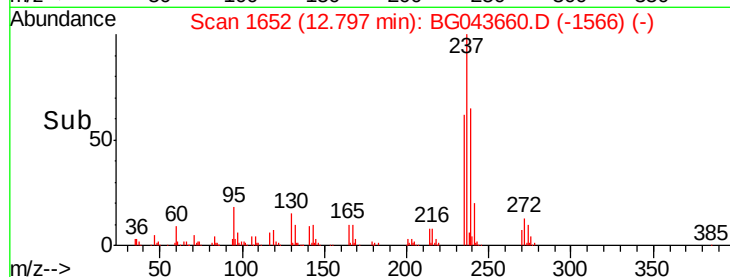
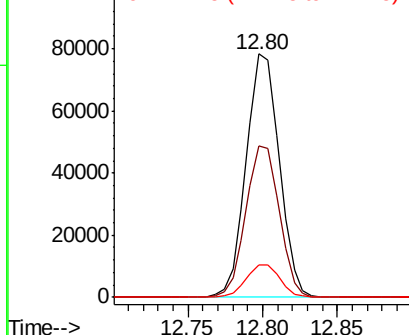
#41
Hexachlorocyclopentadiene
Concen: 67.546 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.6	81.6
272	13.2	0.0	32.5

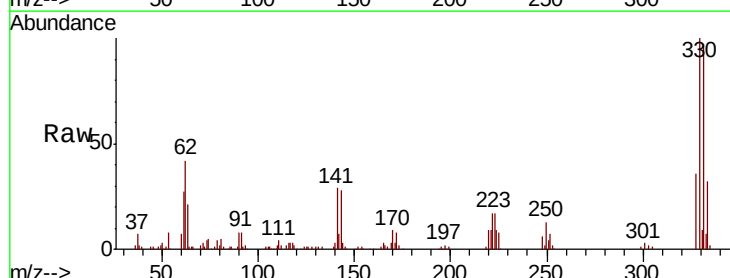


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

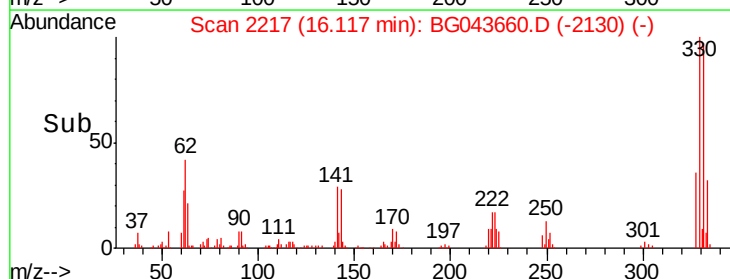
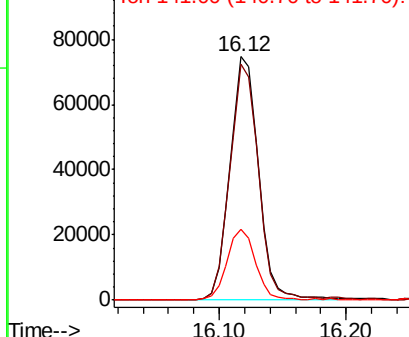


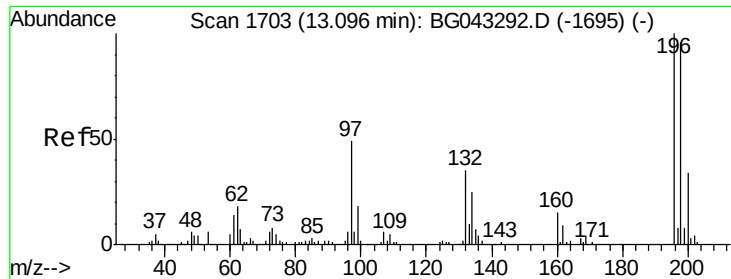
#42
2,4,6-Tribromophenol
Concen: 66.737 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	28.9	22.8	34.2



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

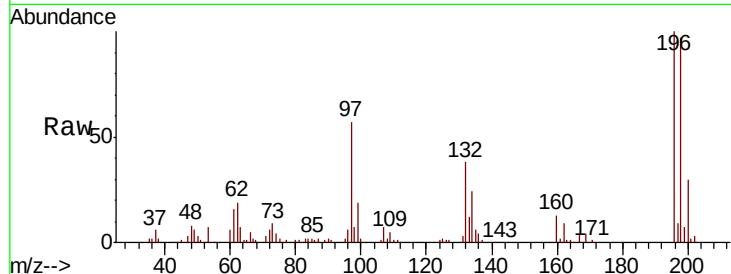




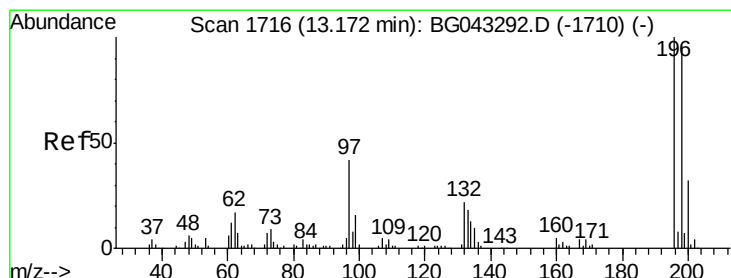
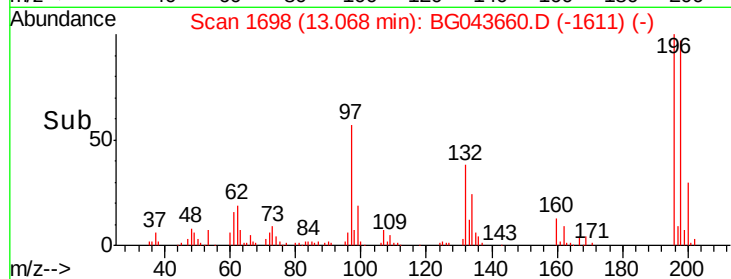
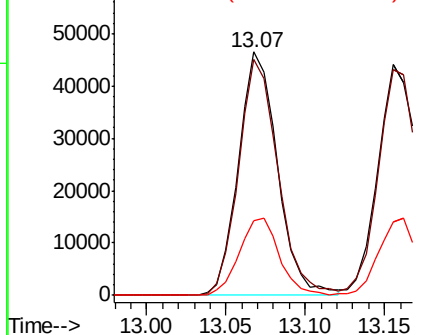
#43
 2,4,6-Trichlorophenol
 Concen: 39.712 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

Tot Ion:196 Resp: 79381
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.8 113.6
 200 30.4 23.9 35.9



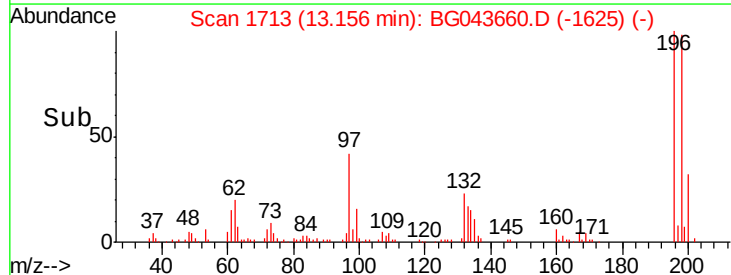
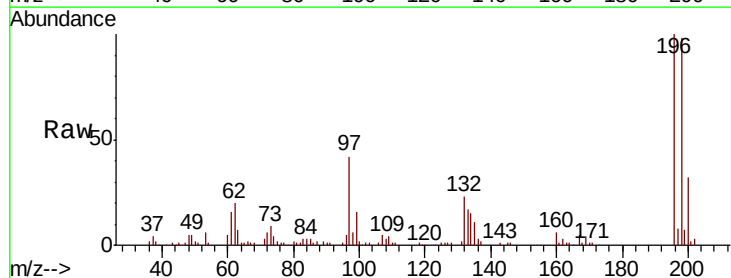
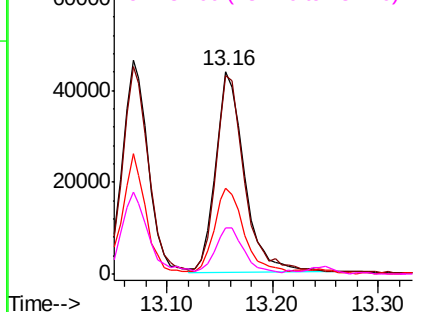
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

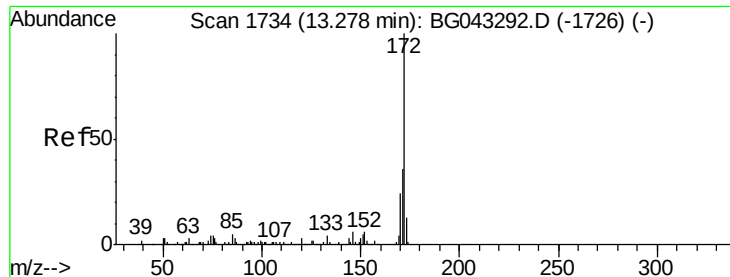


#44
 2,4,5-Trichlorophenol
 Concen: 41.621 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion:196 Resp: 84109
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.5 111.7
 97 42.4 36.3 54.5
 132 22.8 17.4 26.2

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

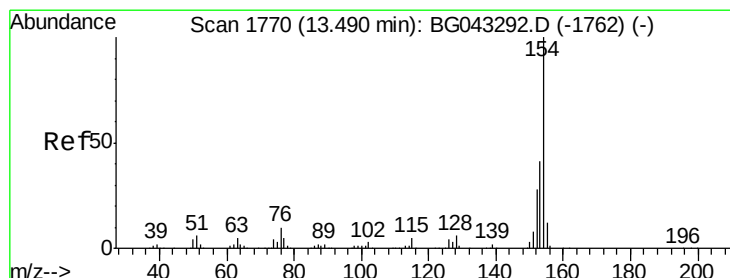
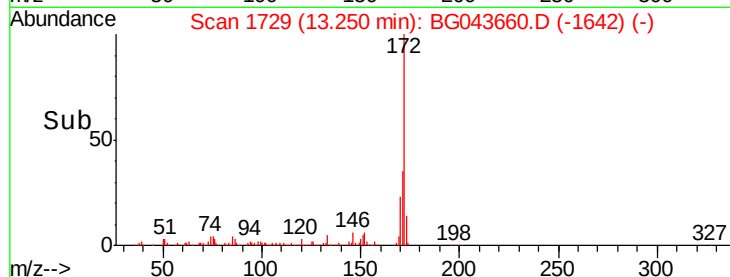
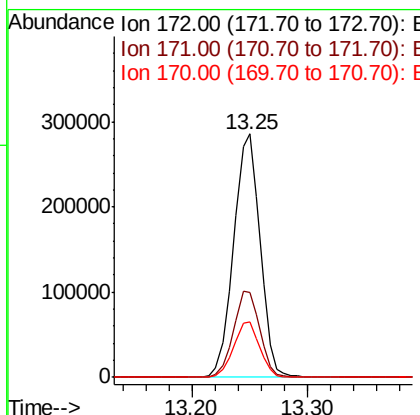
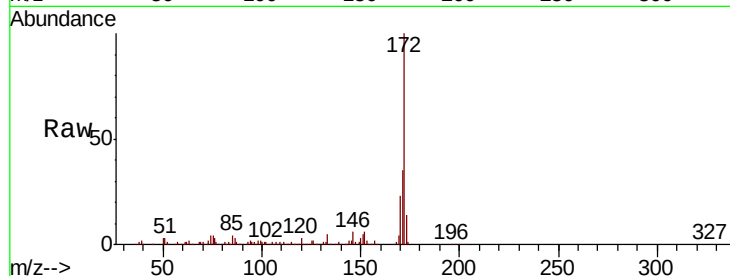




#45
 2-Fluorobiphenyl
 Concen: 68.240 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

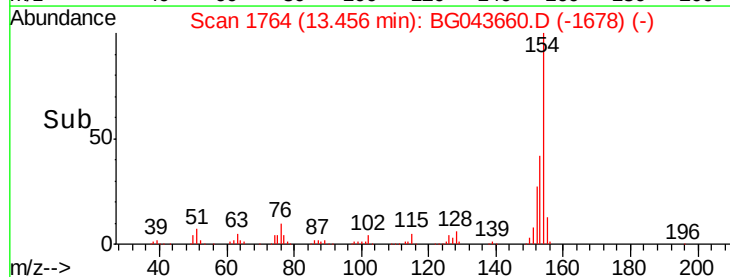
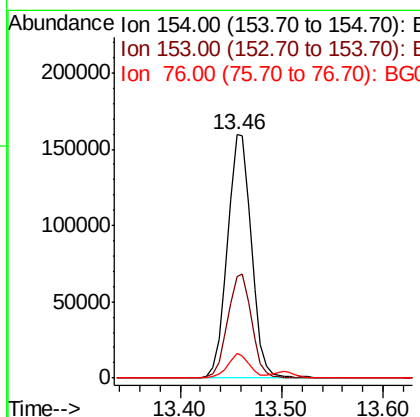
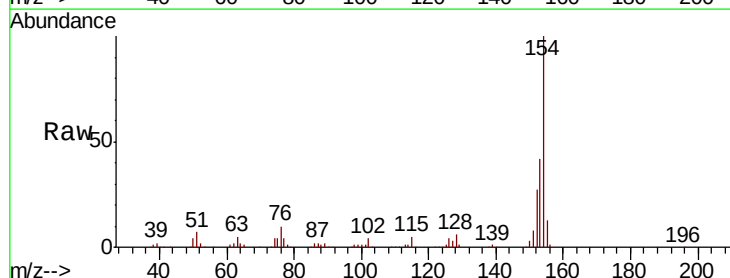
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

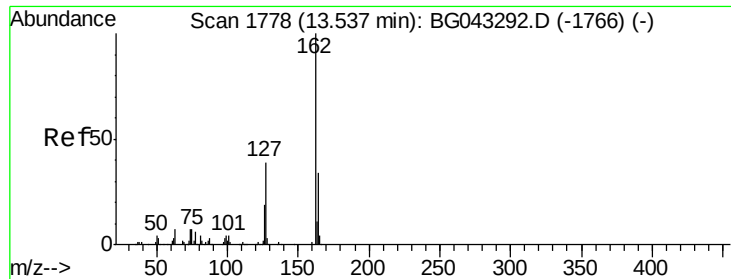
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	22.8	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 37.639 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.9	59.9
76	10.3	0.0	29.4





#47

2-Chloronaphthalene

Concen: 38.653 ng

RT: 13.50 min Scan# 1772

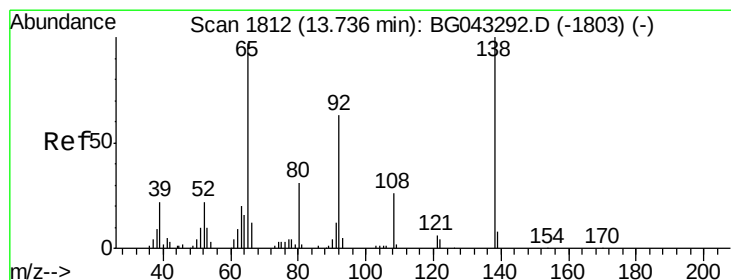
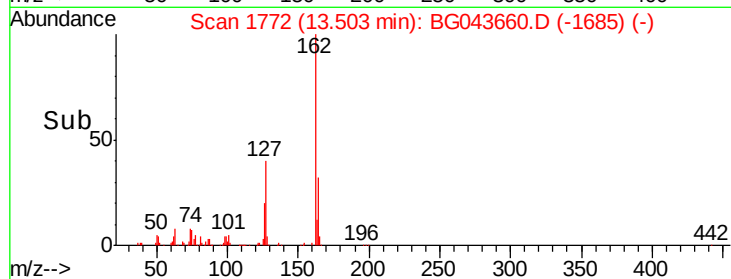
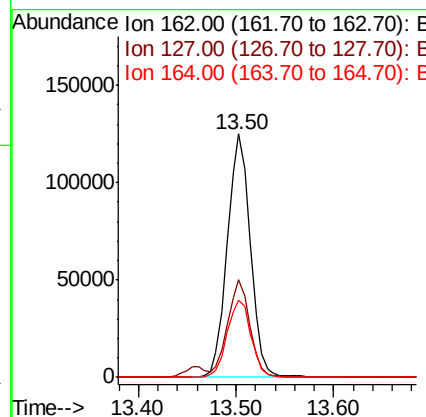
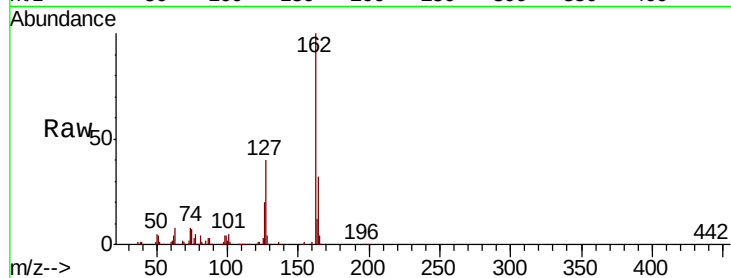
Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :
BNA_G
ClientSampleId :
PB124785BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	31.7	25.8	38.8



#48

2-Nitroaniline

Concen: 40.595 ng

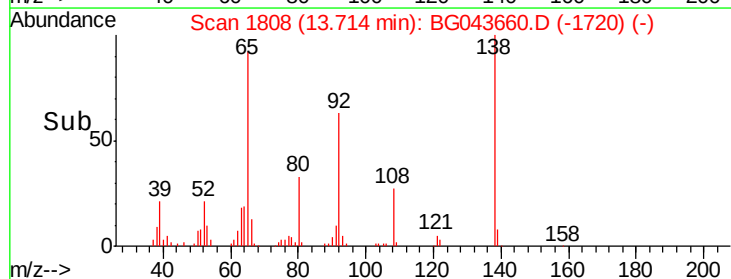
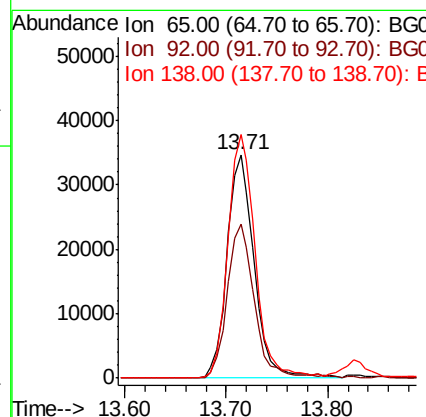
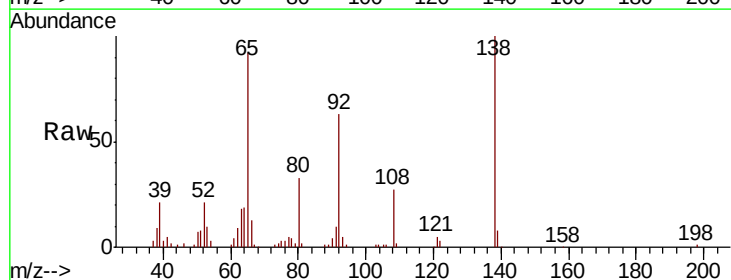
RT: 13.71 min Scan# 1808

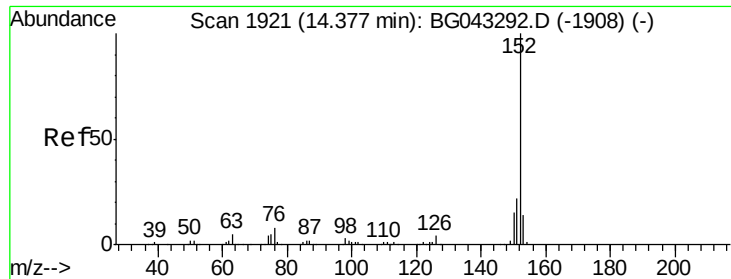
Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	56.2	84.2
138	109.1	82.6	123.8





#49

Acenaphthylene

Concen: 41.075 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

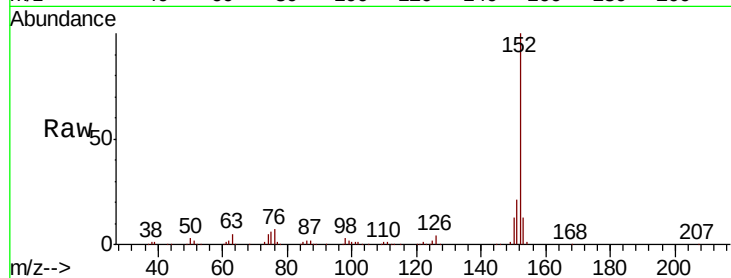
Tot Ion:152 Resp: 339371

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

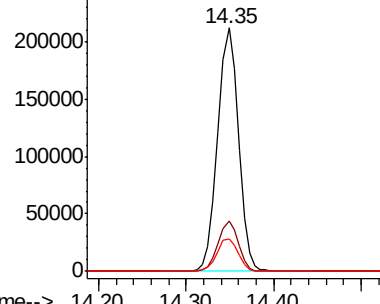
153 13.2 10.6 15.8



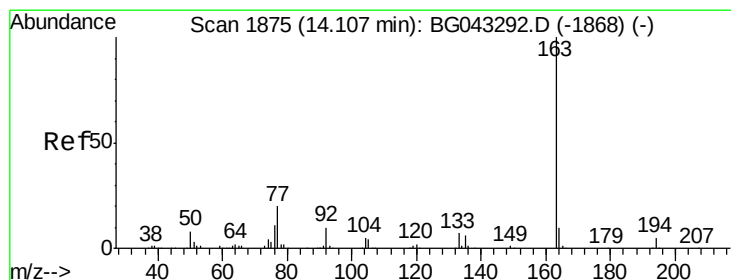
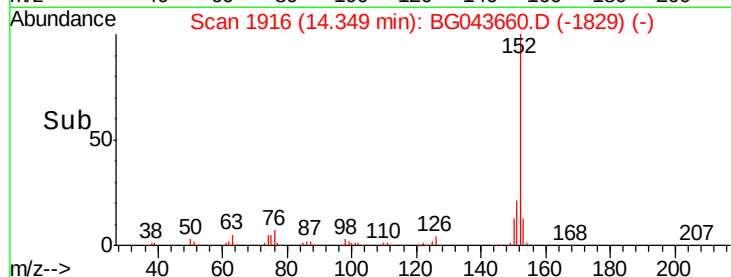
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 39.664 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

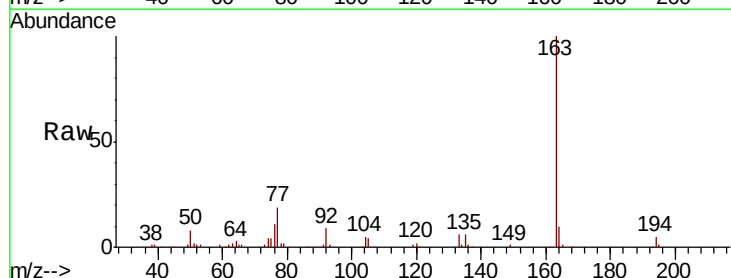
Tgt Ion:163 Resp: 281771

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

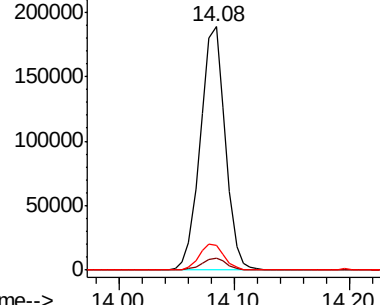
164 10.1 8.9 13.3



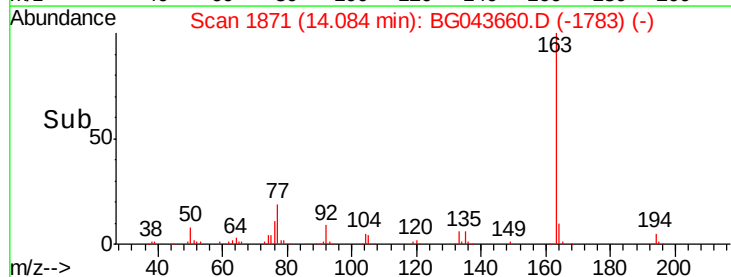
Abundance Ion 163.00 (162.70 to 163.70): E

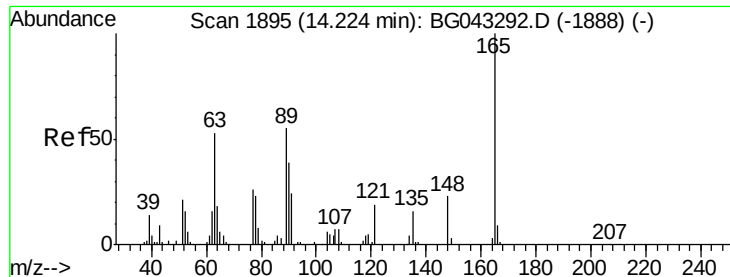
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

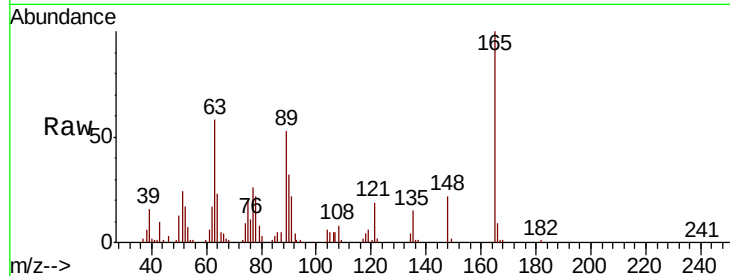




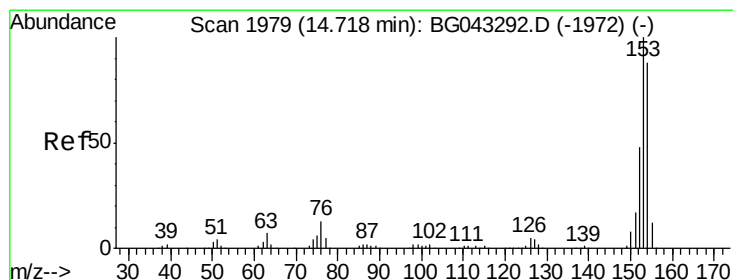
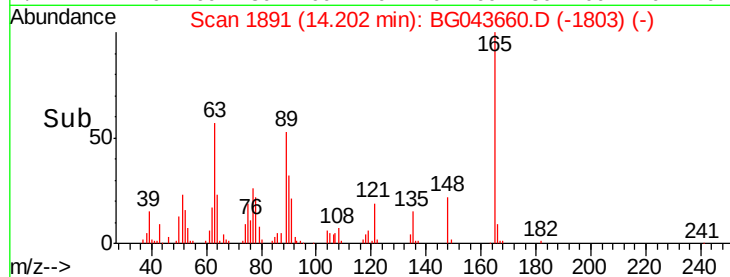
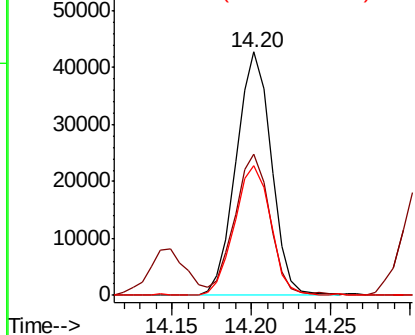
#51
 2,6-Dinitrotoluene
 Concen: 42.651 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

Tot Ion:165 Resp: 65824
 Ion Ratio Lower Upper
 165 100
 63 57.9 46.6 69.8
 89 53.3 45.1 67.7

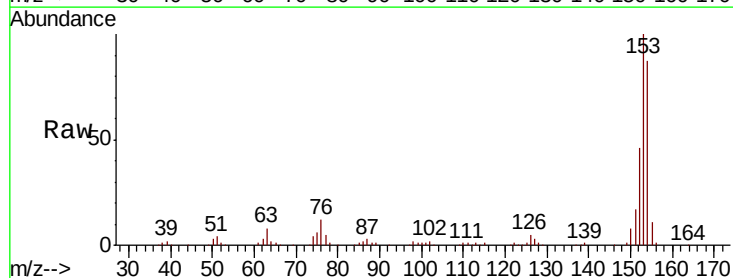


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

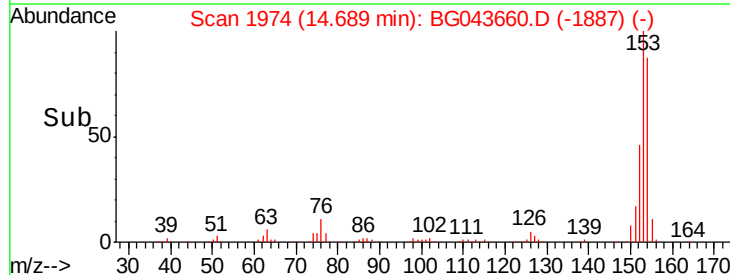
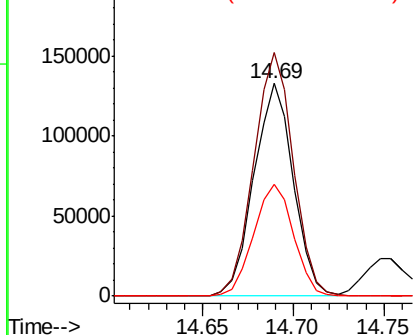


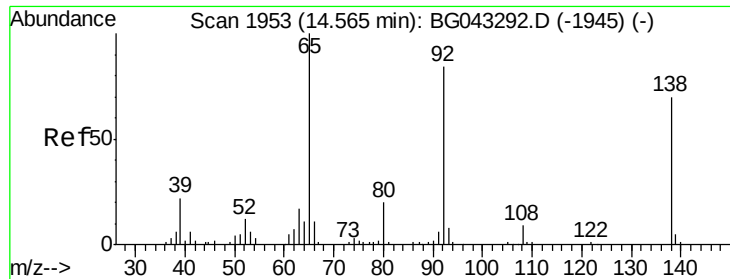
#52
 Acenaphthene
 Concen: 40.125 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion:154 Resp: 202174
 Ion Ratio Lower Upper
 154 100
 153 114.4 88.2 132.2
 152 52.4 40.0 60.0



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: 31.841 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

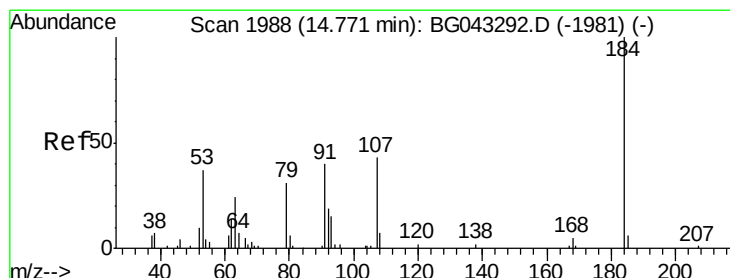
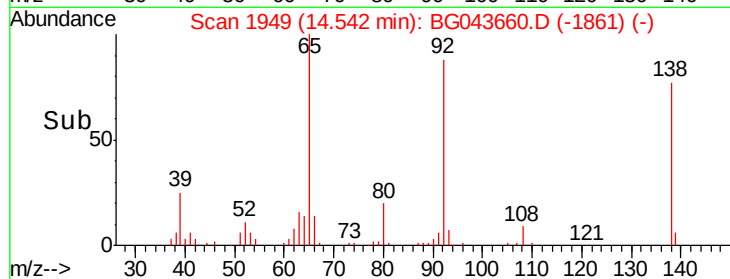
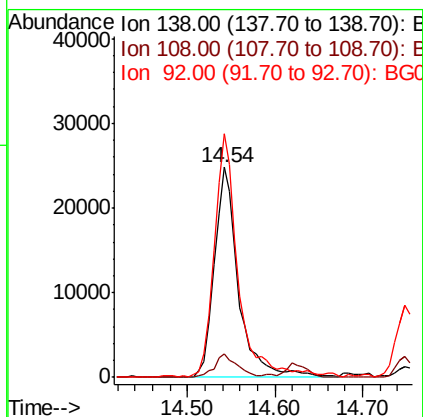
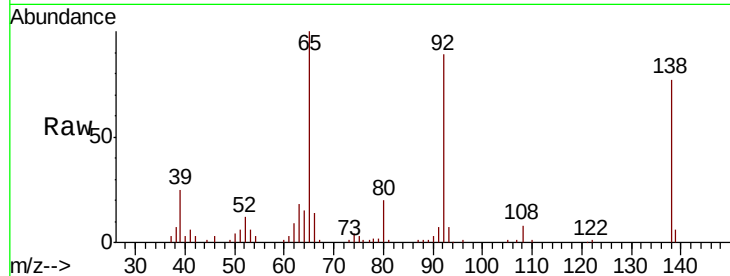
Tot Ion:138 Resp: 47445

Ion Ratio Lower Upper

138 100

108 11.0 8.0 12.0

92 115.9 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 75.329 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

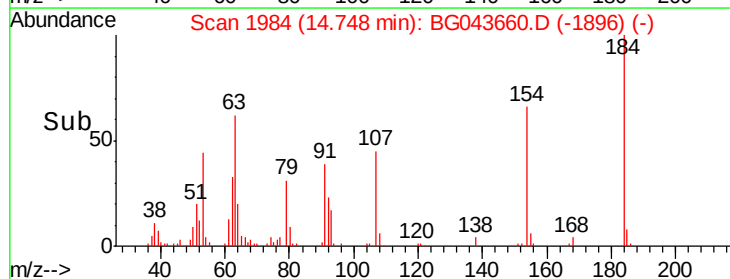
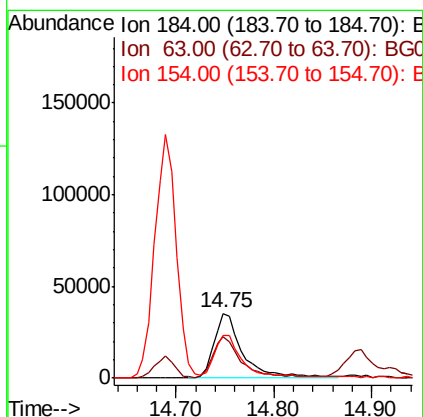
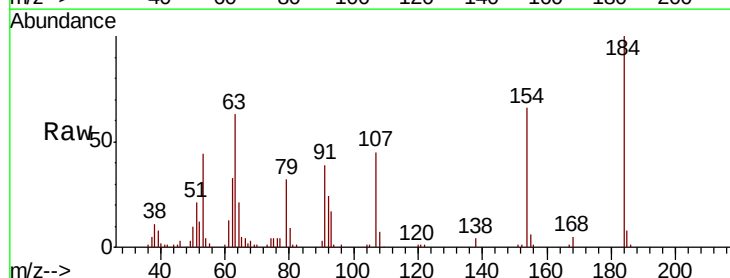
Tgt Ion:184 Resp: 72146

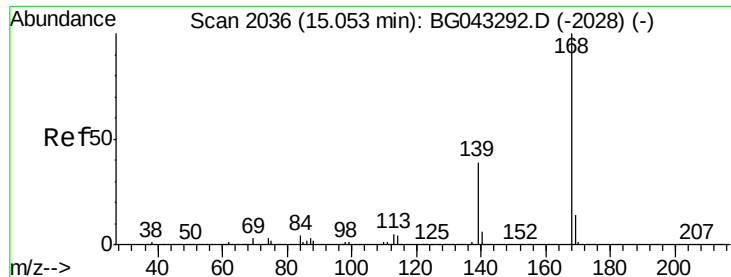
Ion Ratio Lower Upper

184 100

63 63.1 51.3 76.9

154 66.3 55.4 83.0

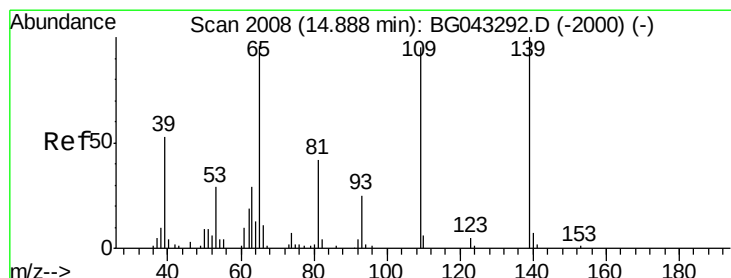
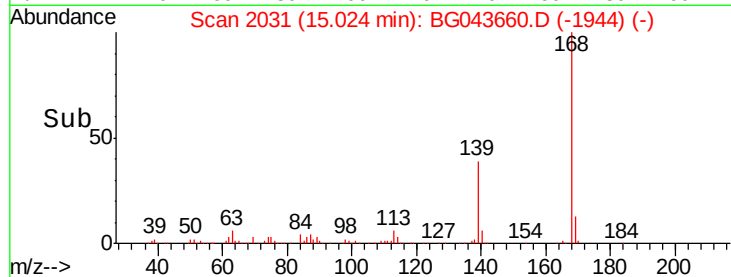
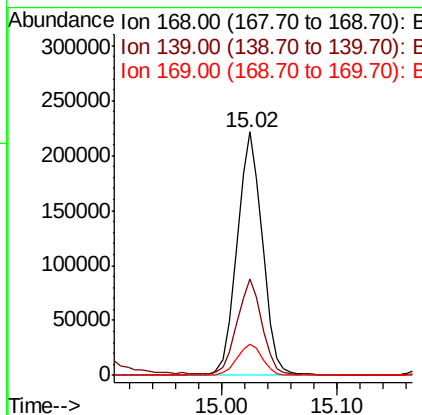
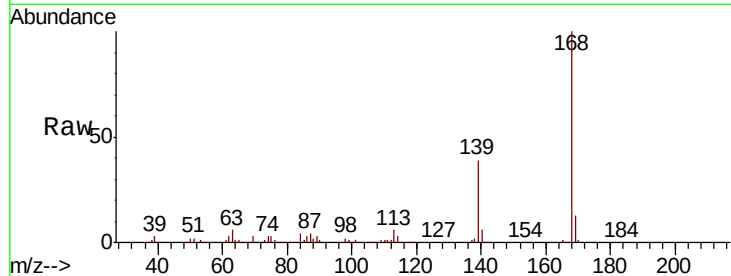




#55
Dibenzofuran
Concen: 40.902 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

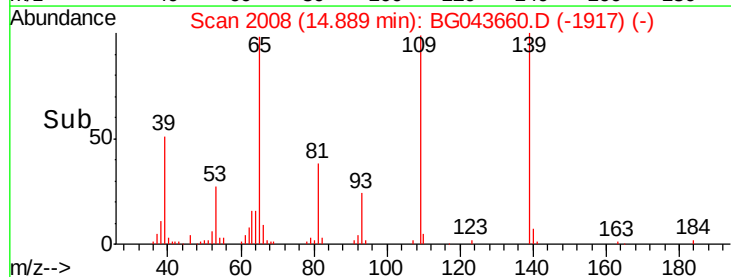
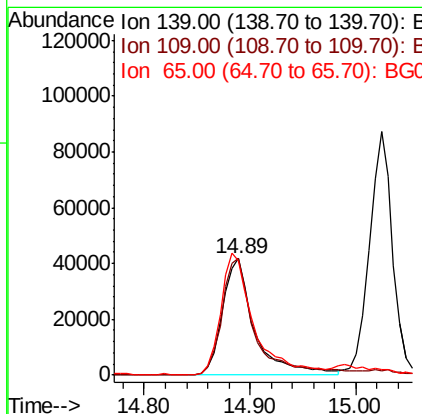
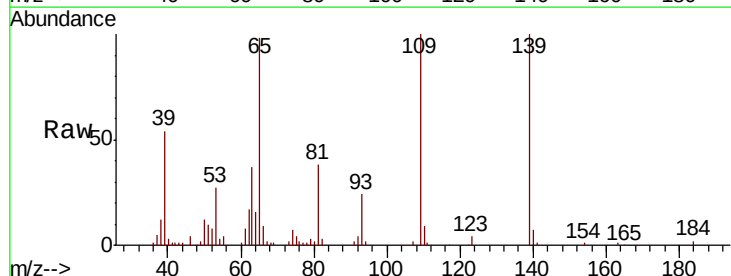
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

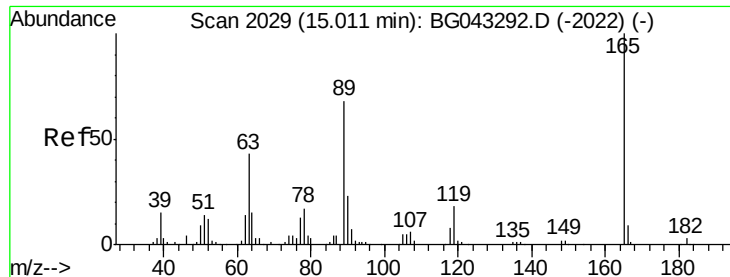
Tot Ion:168 Resp: 334205
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.6
169 13.0 11.7 17.5



#56
4-Nitrophenol
Concen: 88.732 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion:139 Resp: 88601
Ion Ratio Lower Upper
139 100
109 100.1 87.2 127.2
65 97.9 83.8 123.8





#57

2,4-Dinitrotoluene

Concen: 42.796 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

Tot Ion:165 Resp: 94391

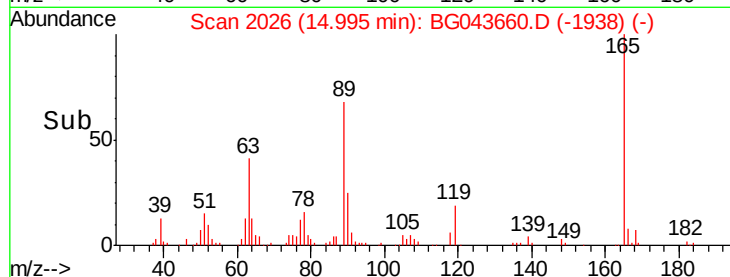
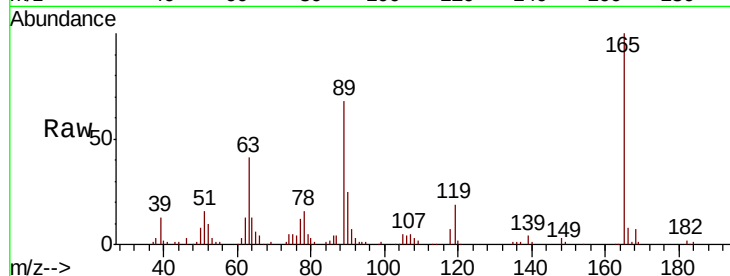
Ion Ratio Lower Upper

165 100

63 41.4 33.2 49.8

89 67.6 52.2 78.4

182 2.4 2.0 3.0

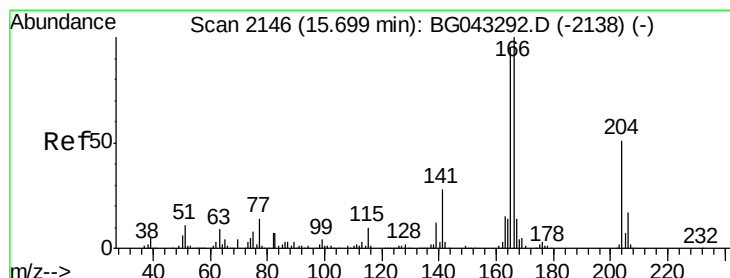
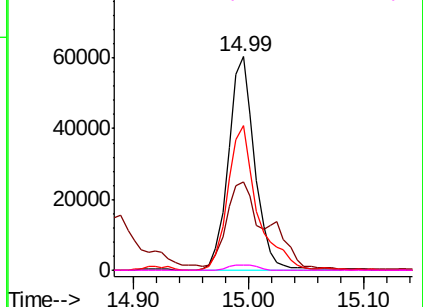


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.182 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

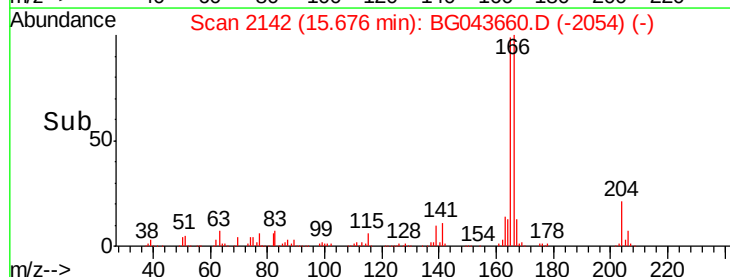
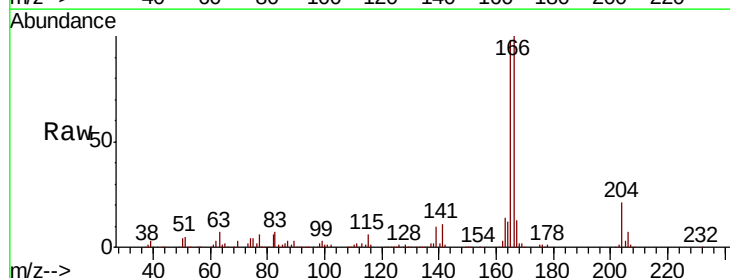
Tgt Ion:166 Resp: 282227

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.6

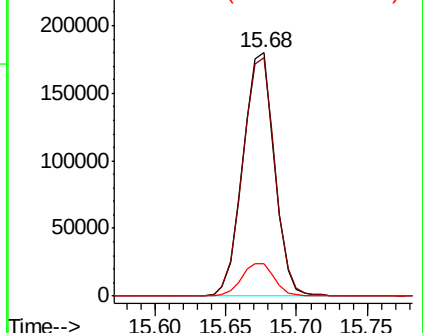
167 13.1 10.5 15.7

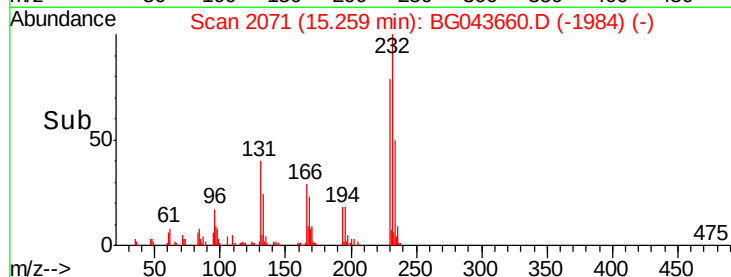
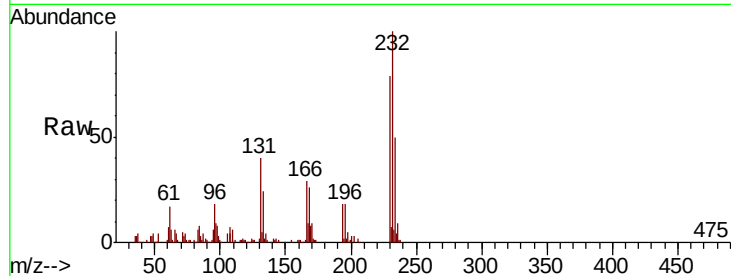
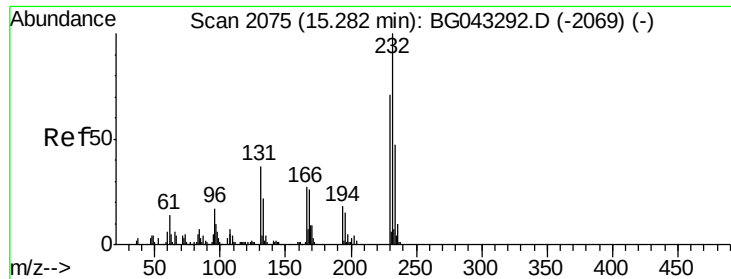


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

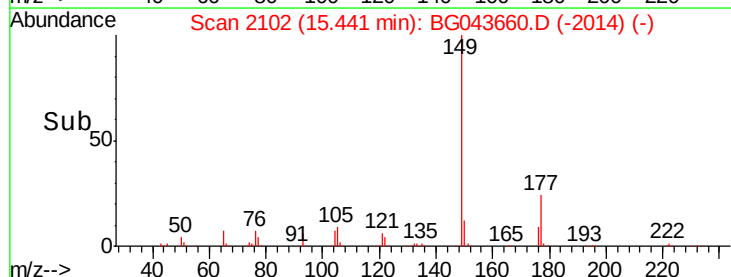
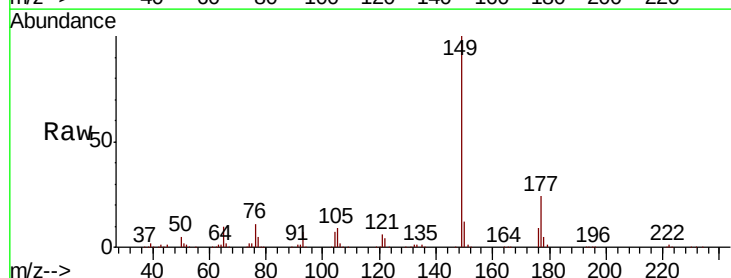
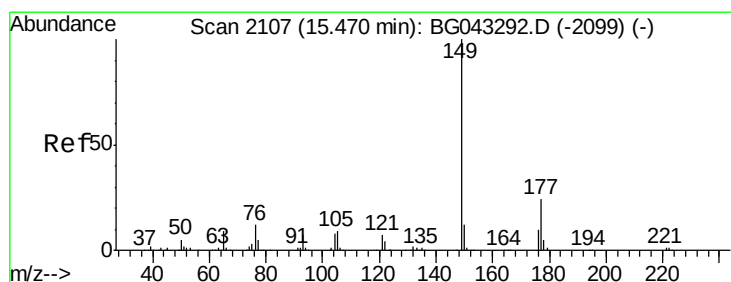
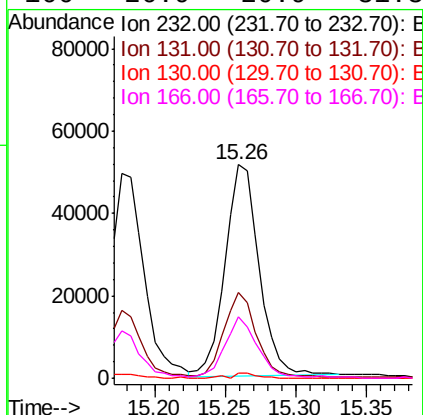




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.267 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

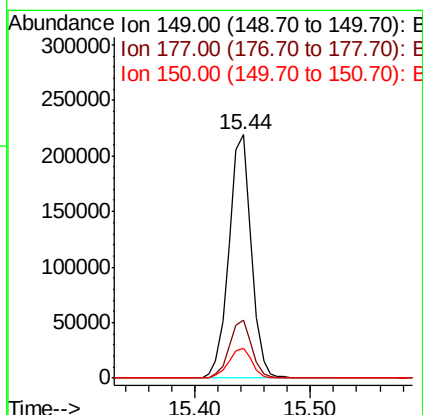
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

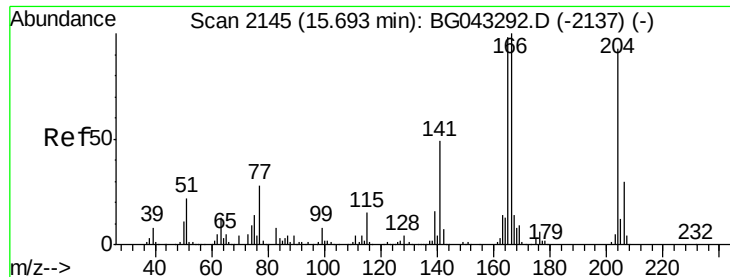
Tot Ion:232	Resp:	86455
Ion Ratio	Lower	Upper
232	100	
131	38.5	26.9 40.3
130	1.9	1.8 2.6
166	26.9	20.9 31.3



#60
Diethylphthalate
Concen: 40.860 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion:149	Resp:	291658
Ion Ratio	Lower	Upper
149	100	
177	23.6	19.6 29.4
150	12.4	10.8 16.2

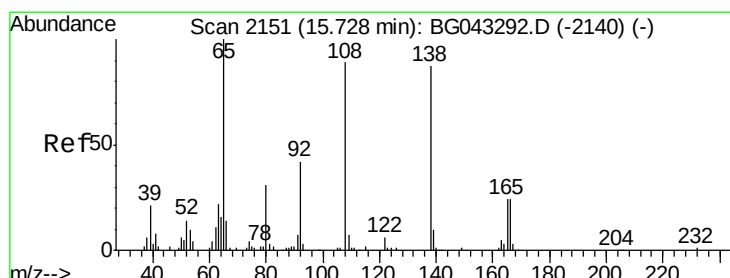
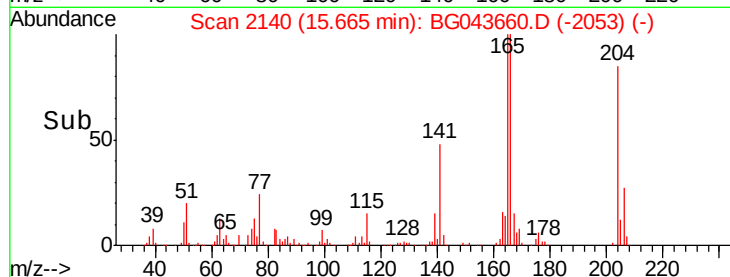
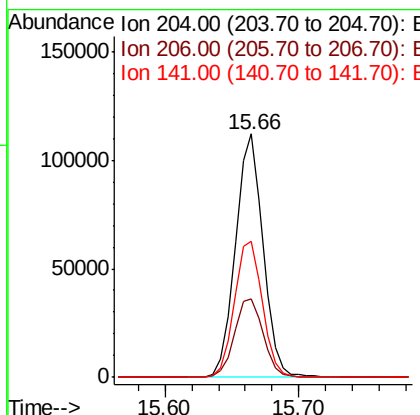
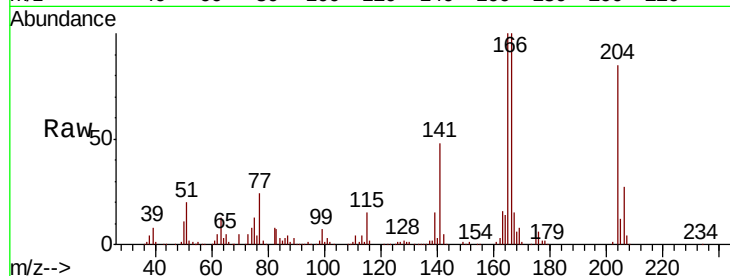




#61
 4-Chlorophenyl-phenylether
 Concen: 40.212 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

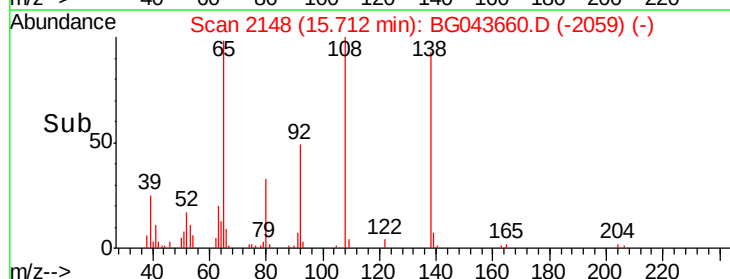
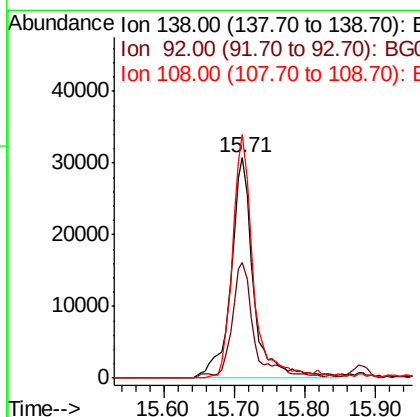
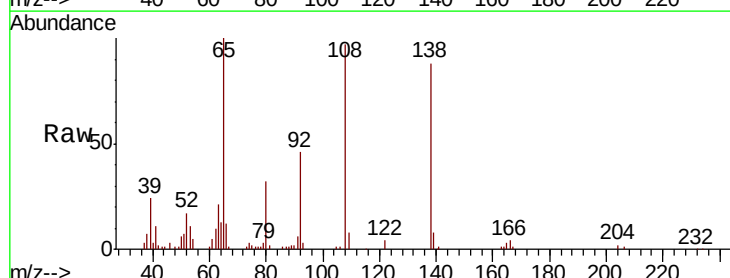
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

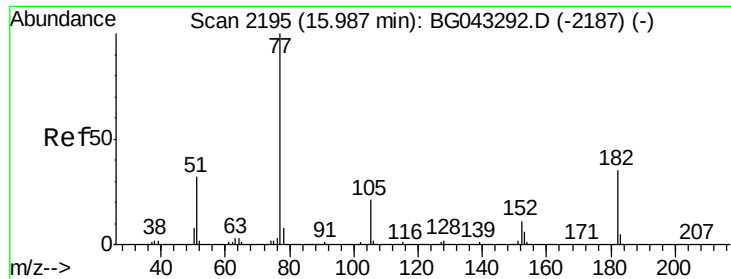
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	28.4	42.6
141	56.0	43.0	64.6



#62
 4-Nitroaniline
 Concen: 44.306 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	33.4	73.4
108	110.4	78.0	118.0





#63

Azobenzene

Concen: 41.707 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

Tot Ion: 77 Resp: 240938

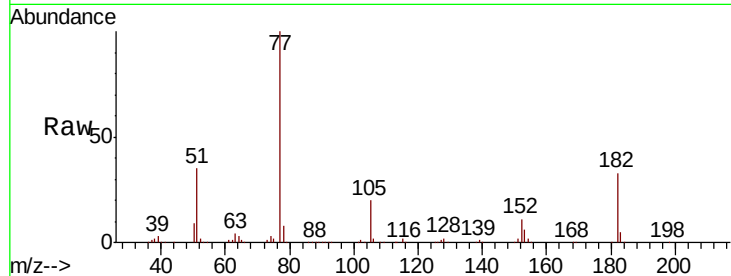
Ion Ratio Lower Upper

77 100

182 32.6 13.7 53.7

105 20.3 0.4 40.4

51 35.5 11.0 51.0

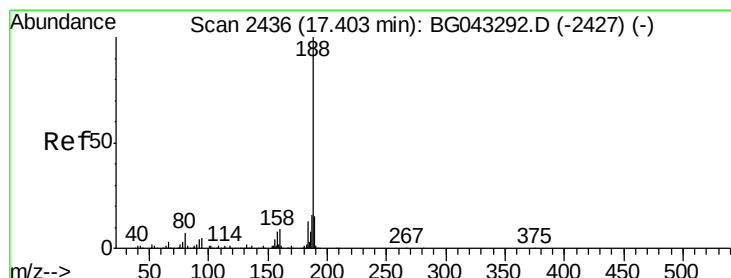
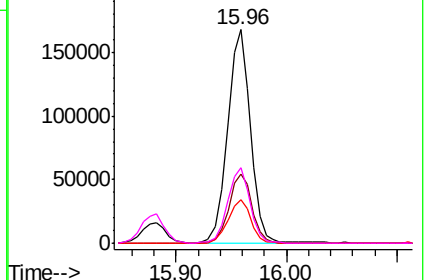
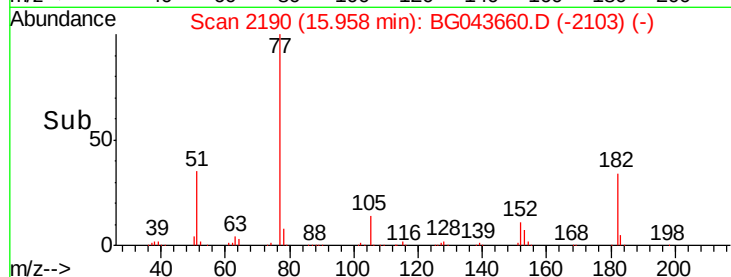


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

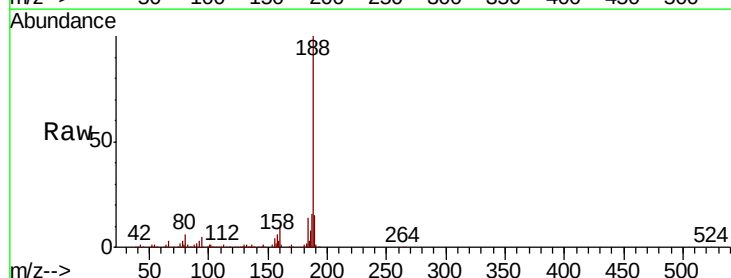
Tgt Ion: 188 Resp: 226948

Ion Ratio Lower Upper

188 100

94 4.6 4.2 6.4

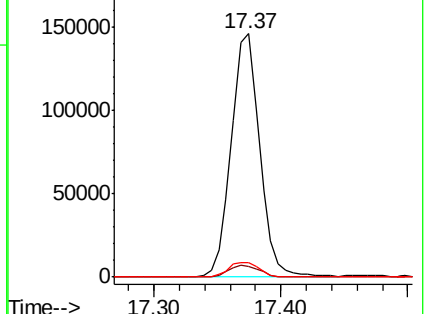
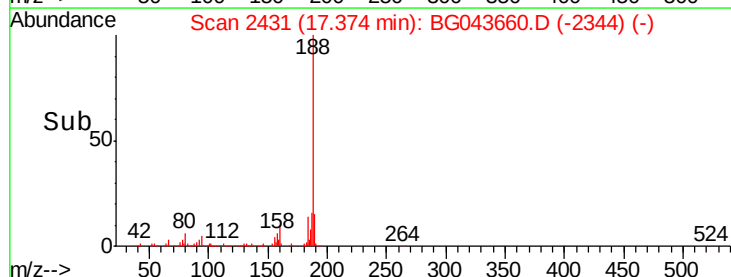
80 5.9 4.5 6.7

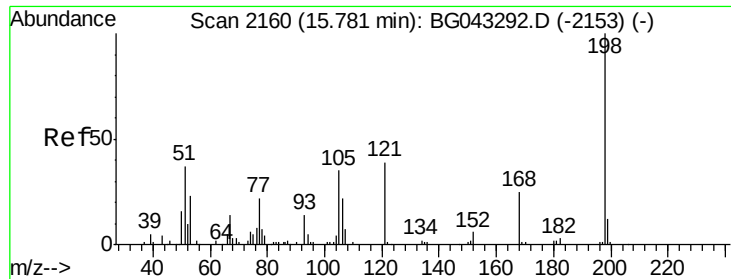


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.334 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

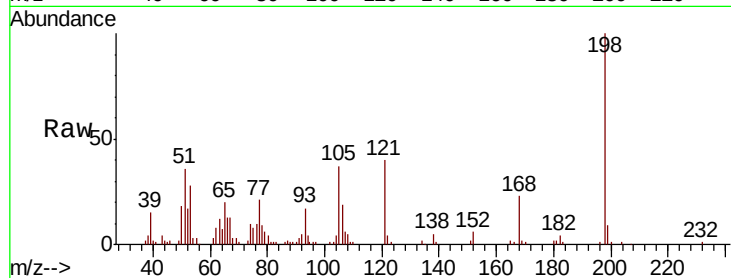
BNA_G

ClientSampleId :

PB124785BSD

Tot Ion:198 Resp: 56541

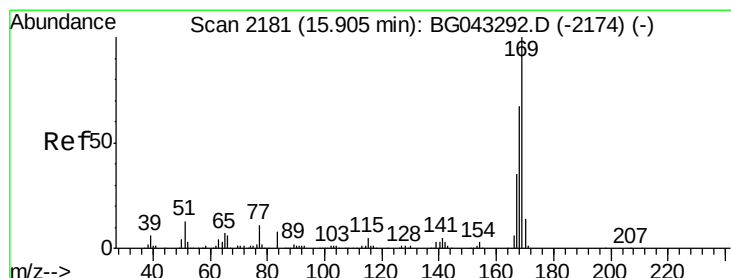
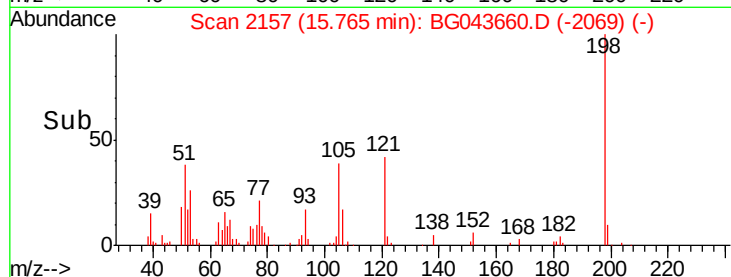
Ion	Ratio	Lower	Upper
198	100		
51	36.5	13.2	53.2
105	37.1	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.394 ng

RT: 15.88 min Scan# 2177

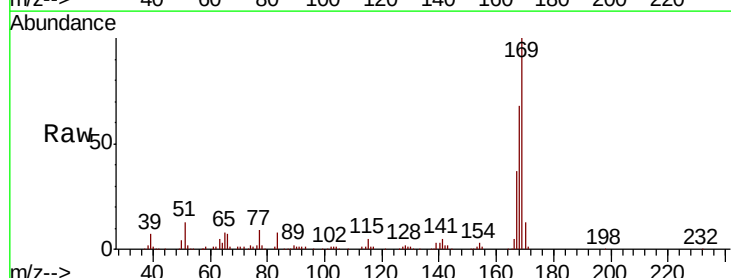
Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Tgt Ion:169 Resp: 258819

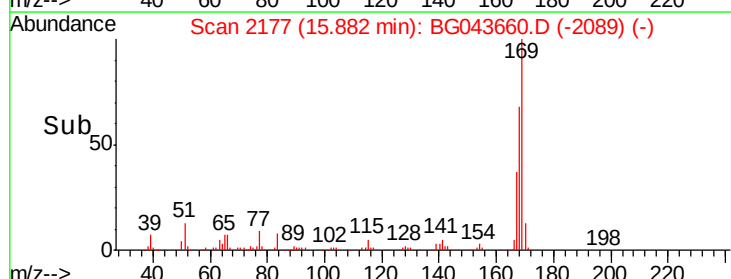
Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.8	80.6
167	36.7	27.5	41.3

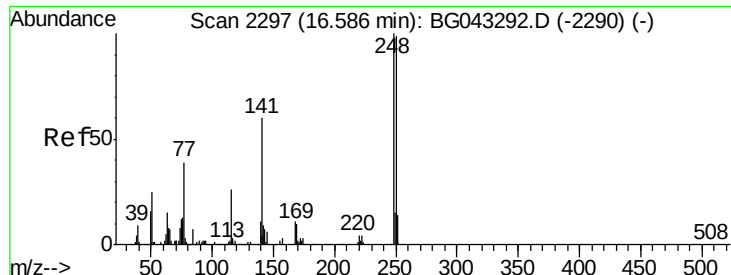


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

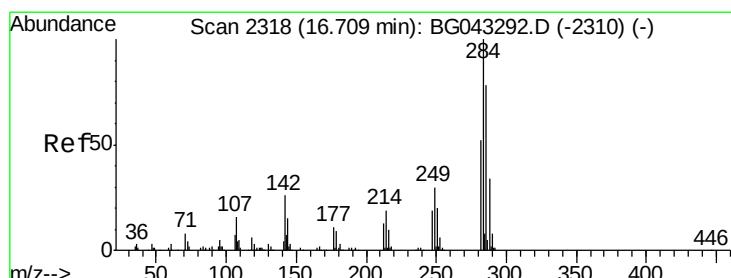
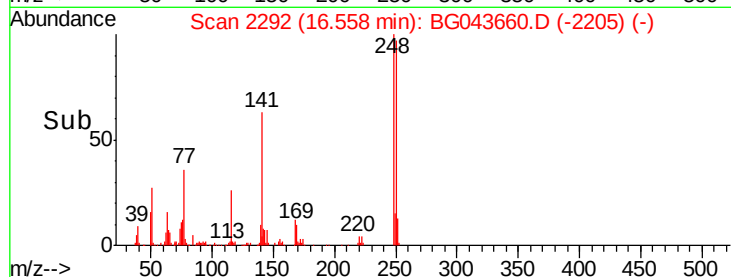
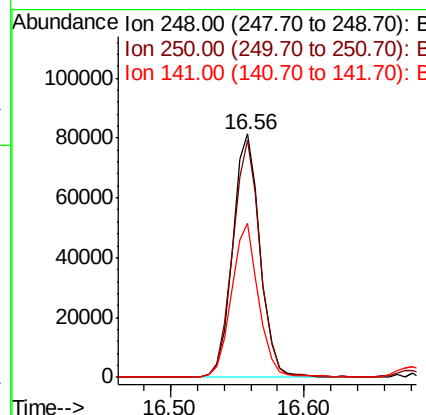
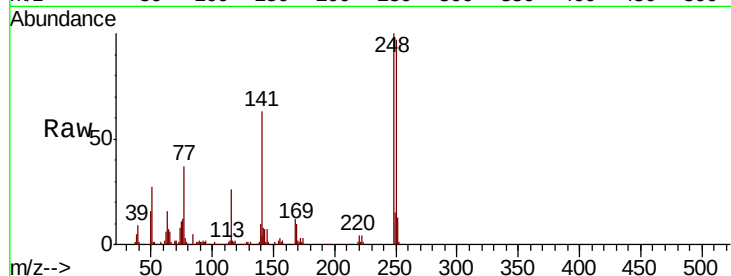




#67
4-Bromophenyl-phenylether
Concen: 38.203 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

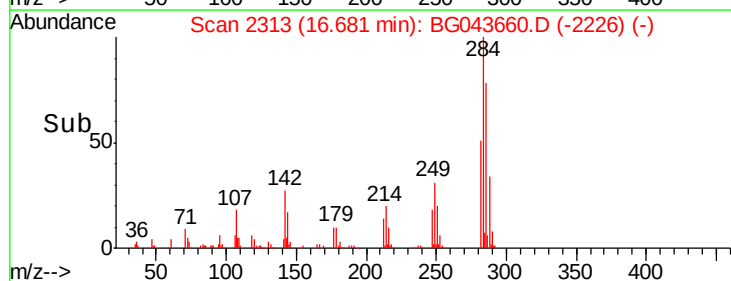
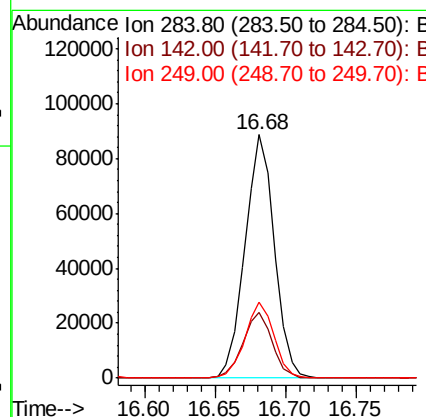
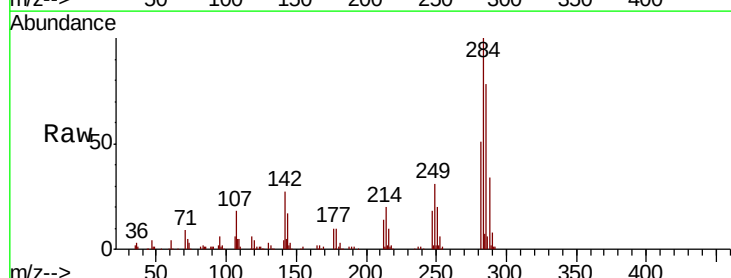
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

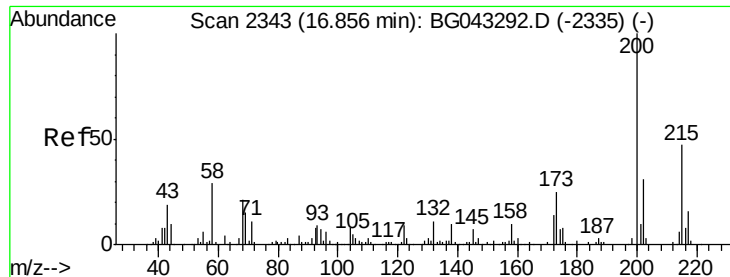
Tot Ion:248 Resp: 116681
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 63.0 47.5 71.3



#68
Hexachlorobenzene
Concen: 36.881 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion:284 Resp: 129299
Ion Ratio Lower Upper
284 100
142 26.8 19.8 29.8
249 31.1 23.8 35.6





#69

Atrazine

Concen: 44.673 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

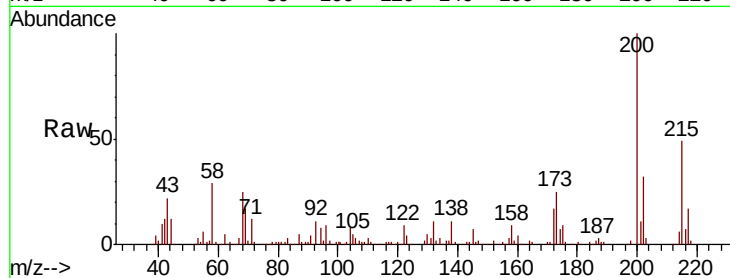
Tot Ion:200 Resp: 99460

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

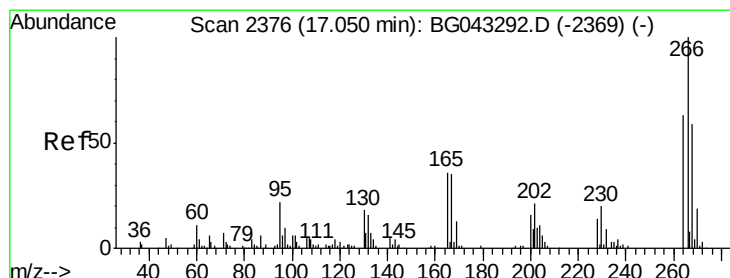
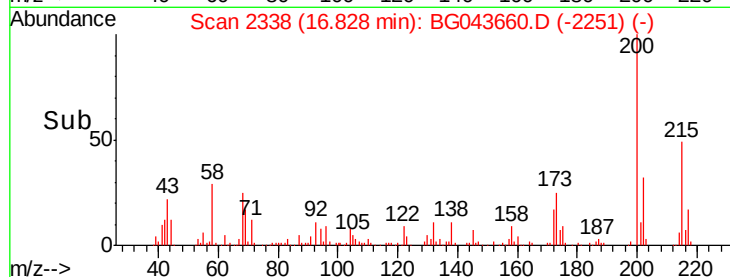
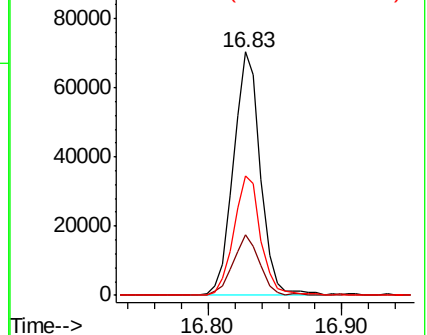
215 49.1 28.5 68.5



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: 74.158 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

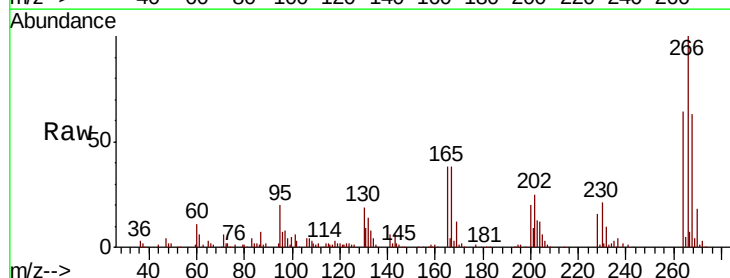
Tgt Ion:266 Resp: 118466

Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

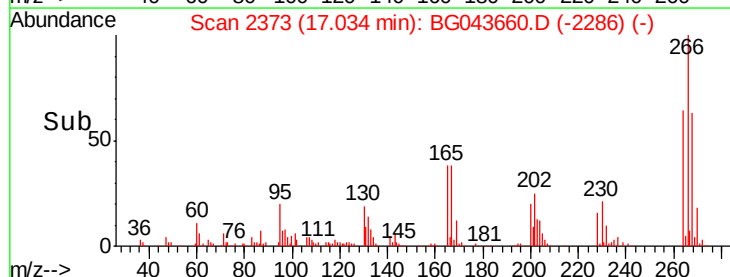
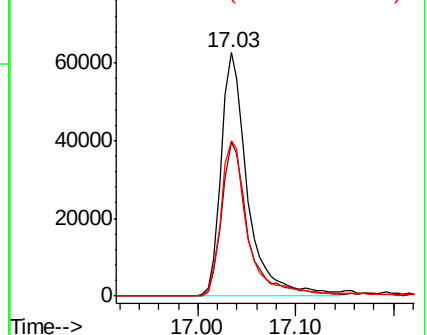
264 63.9 48.9 73.3

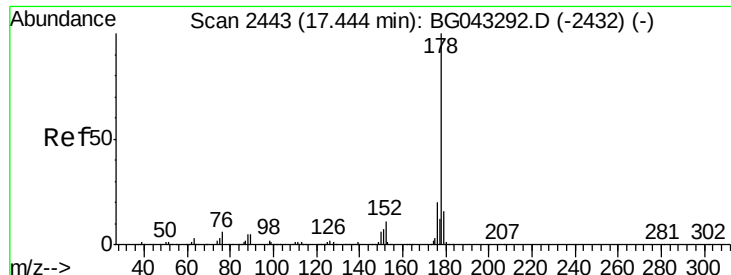


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

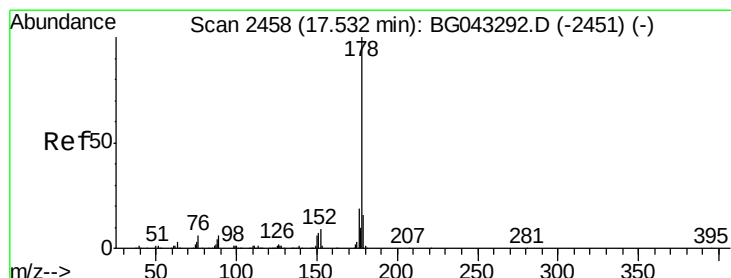
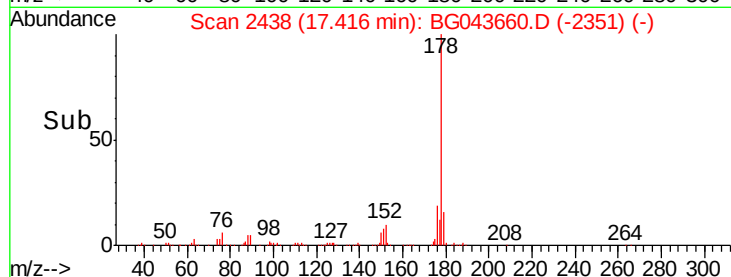
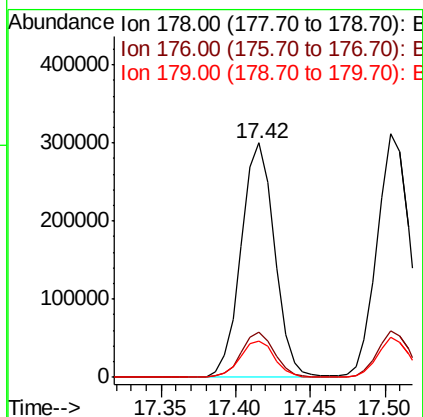
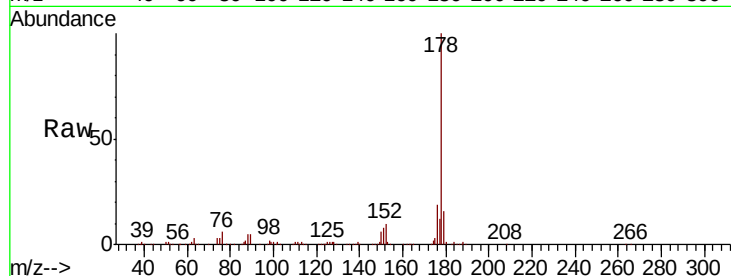




#71
Phenanthrene
Concen: 40.293 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

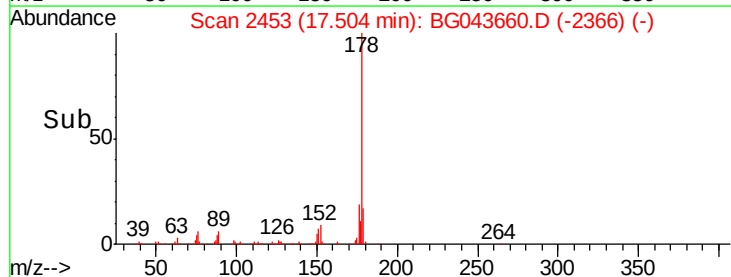
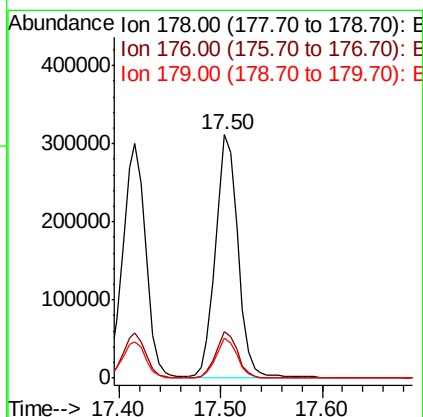
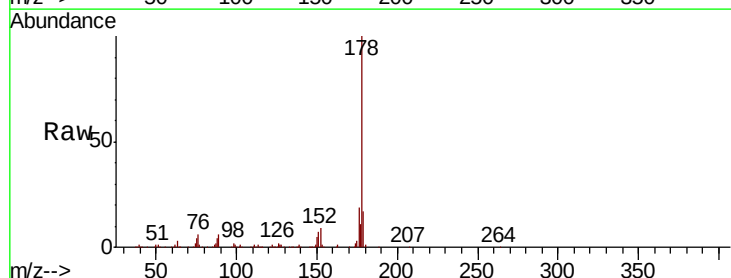
Instrument :
BNA_G
ClientSampleId :
PB124785BSD

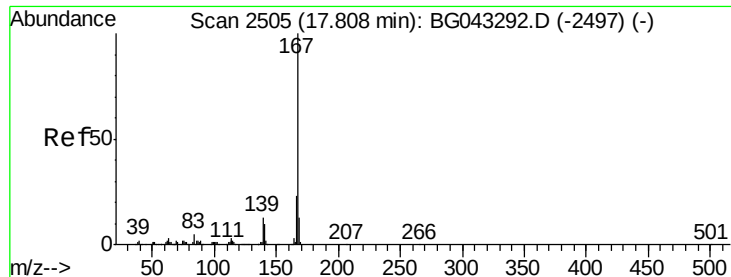
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.7	13.0	19.6



#72
Anthracene
Concen: 41.280 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG043660.D
Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.6	13.7	20.5

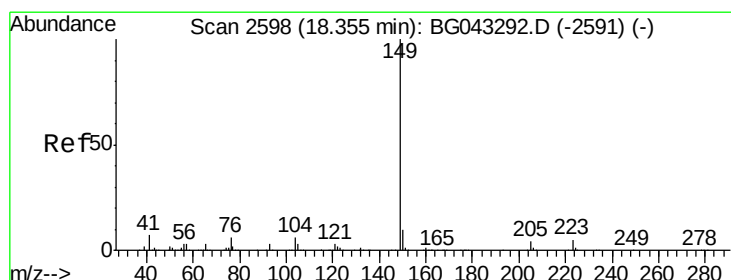
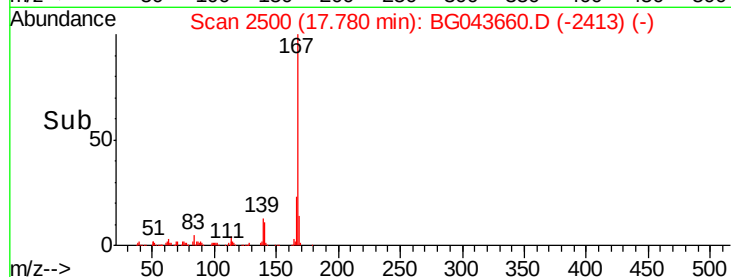
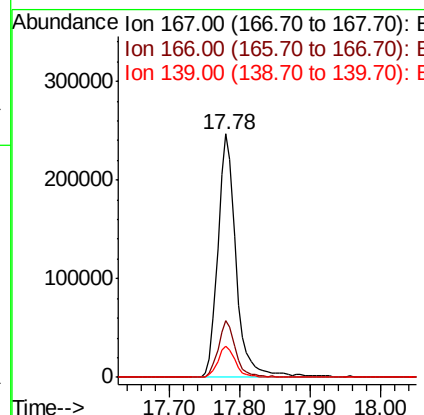
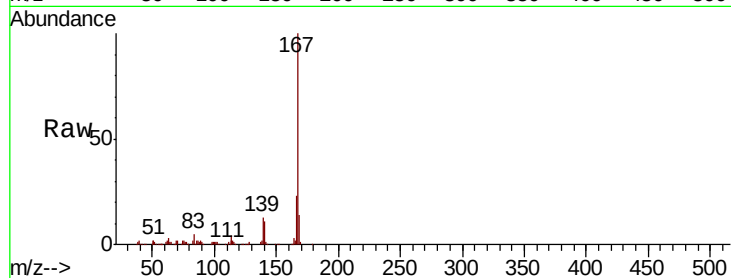




#73
 Carbazole
 Concen: 42.038 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

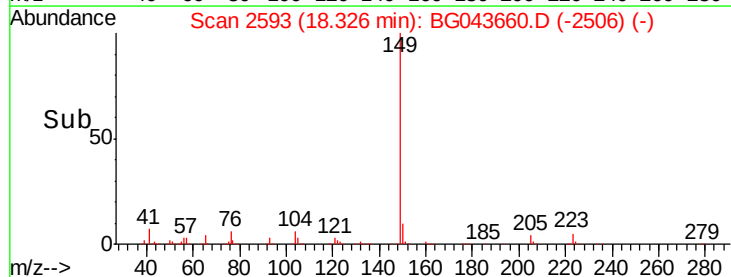
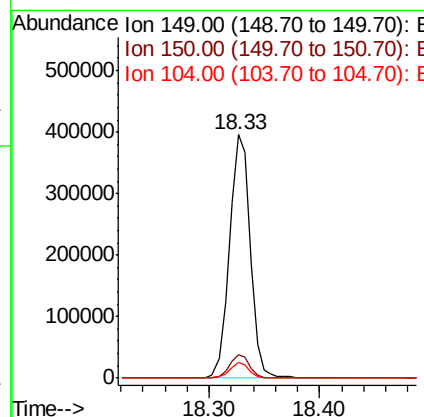
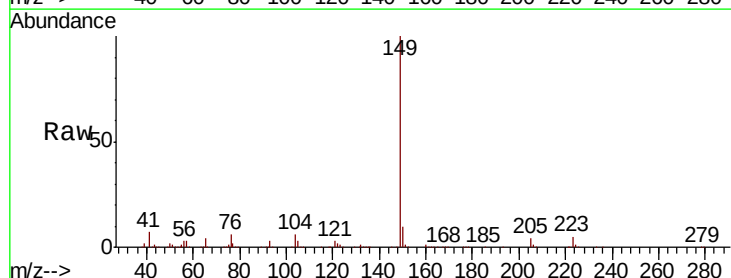
Instrument :
 BNA_G
 ClientSampleId :
 PB124785BSD

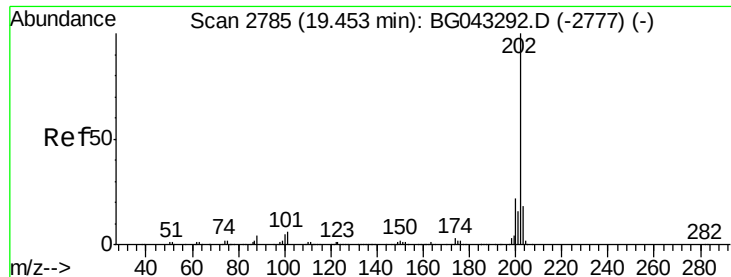
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.7	28.1
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.844 ng
 RT: 18.33 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BG043660.D
 Acq: 15 Nov 2019 21:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	6.3	4.4	6.6





#75

Fluoranthene

Concen: 42.644 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

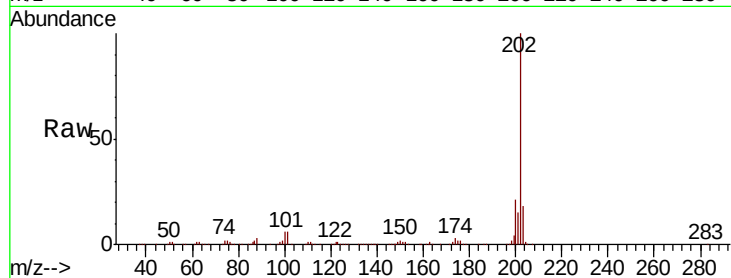
Tot Ion:202 Resp: 646083

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.3

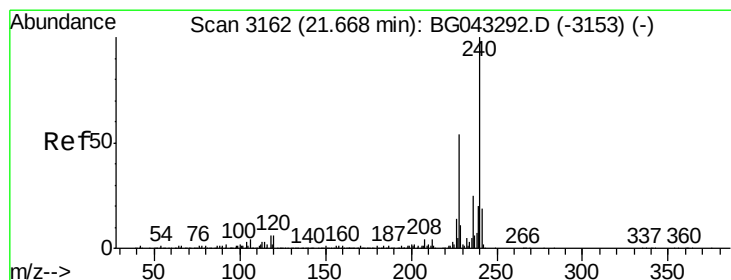
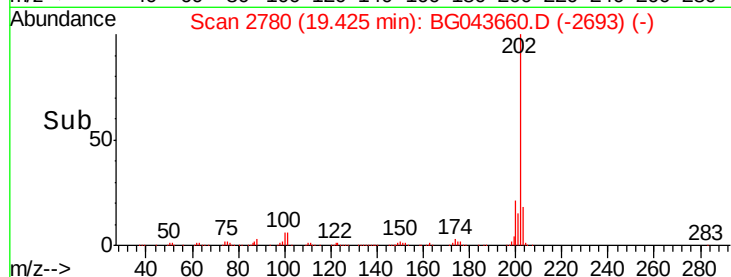
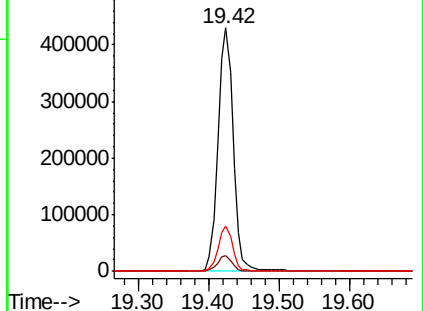
203 18.4 0.0 37.9



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

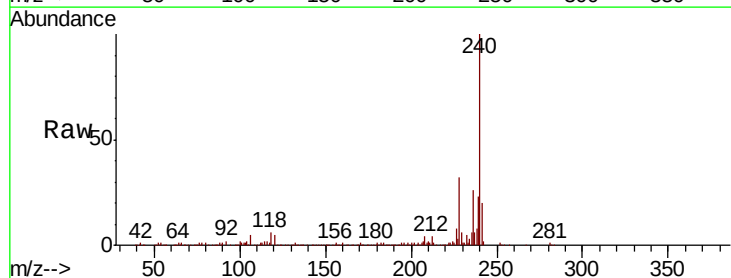
Tgt Ion:240 Resp: 263256

Ion Ratio Lower Upper

240 100

120 5.0 4.6 6.8

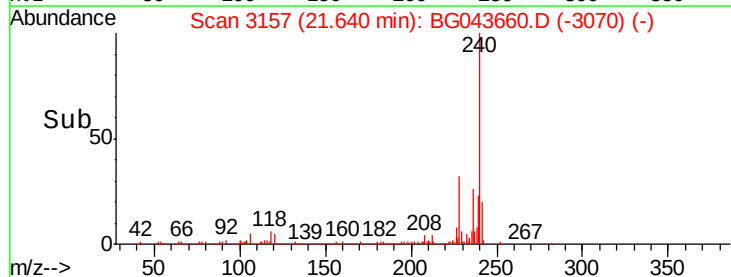
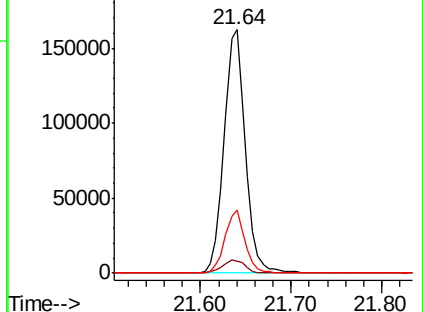
236 25.9 19.8 29.8

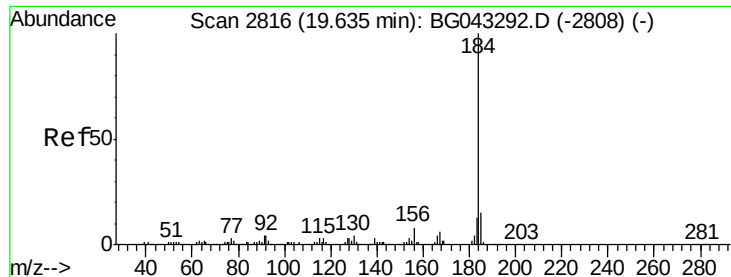


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.240 ng

RT: 19.61 min Scan# 2811

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

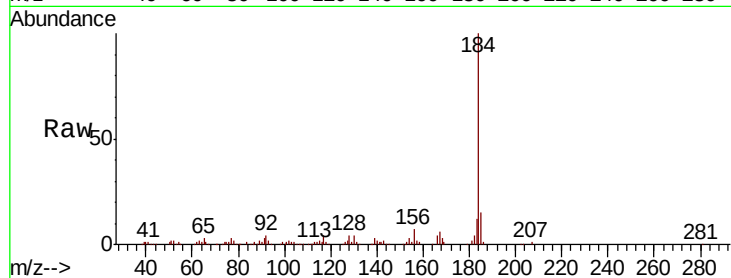
Tot Ion:184 Resp: 223792

Ion Ratio Lower Upper

184 100

185 15.2 11.0 16.4

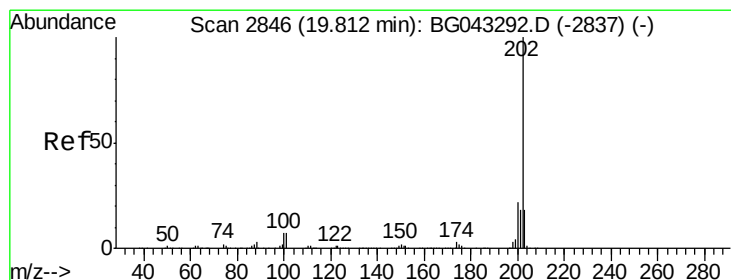
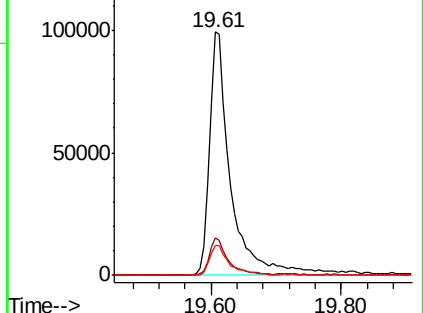
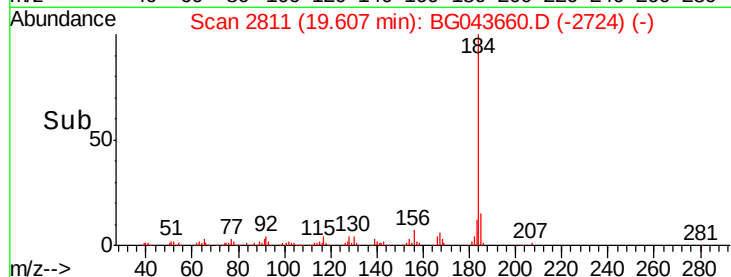
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.698 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

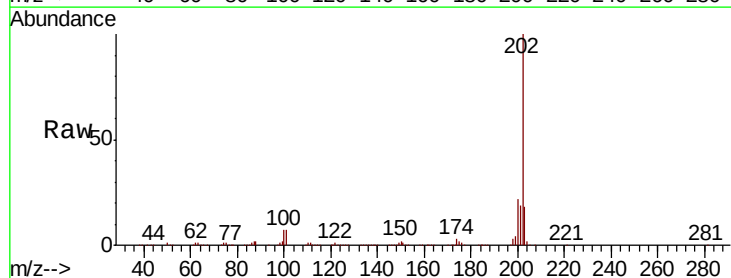
Tgt Ion:202 Resp: 646885

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

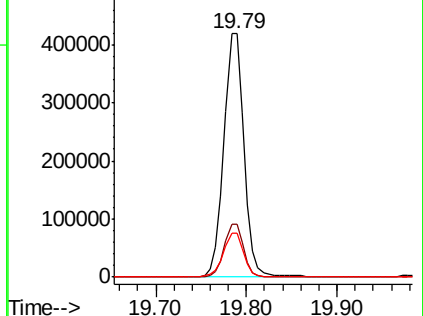
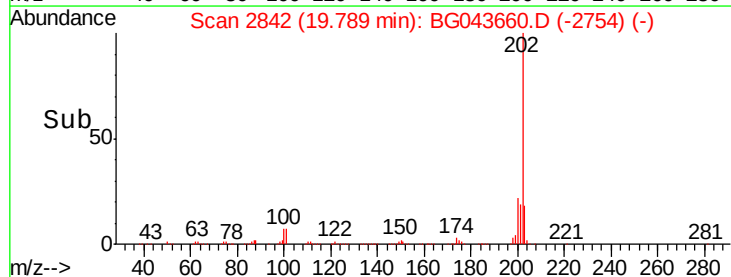
203 17.8 14.7 22.1

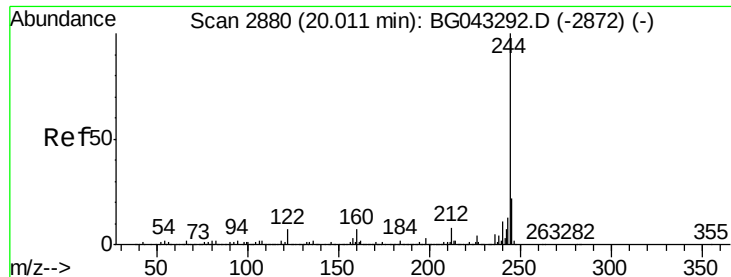


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.671 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

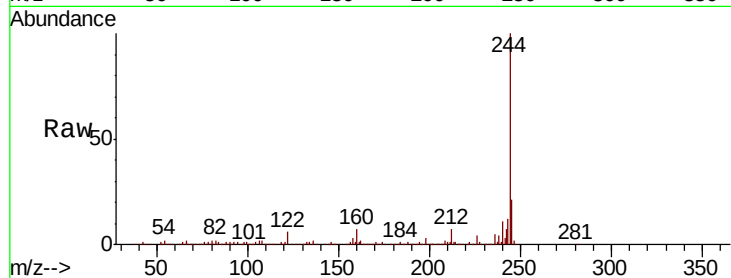
Tot Ion:244 Resp: 935561

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

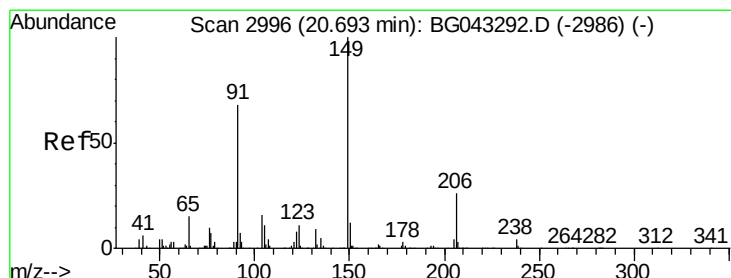
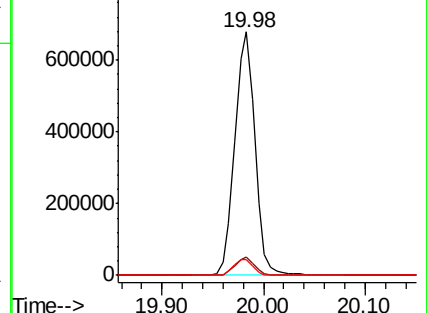
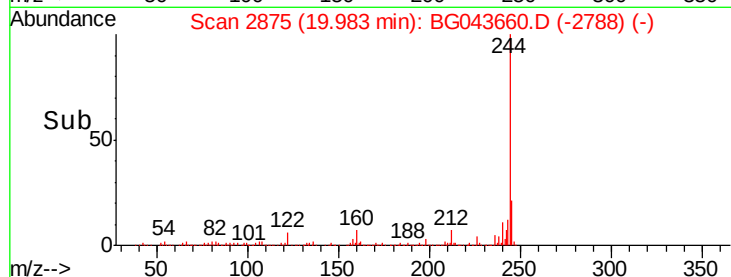
122 6.4 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.721 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

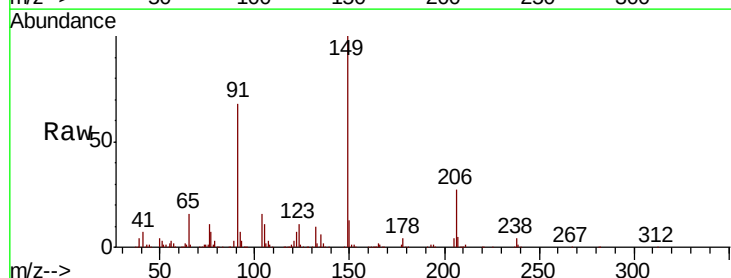
Tgt Ion:149 Resp: 239046

Ion Ratio Lower Upper

149 100

91 68.2 51.2 76.8

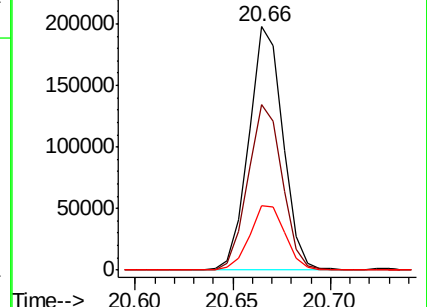
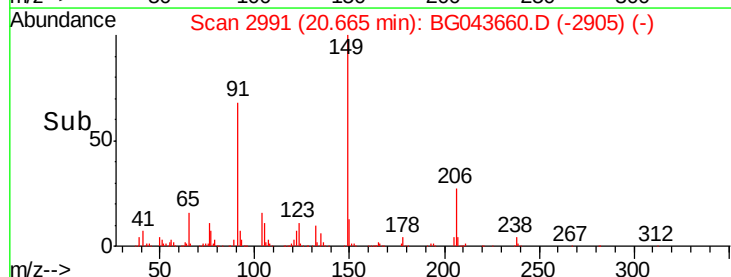
206 26.6 22.5 33.7

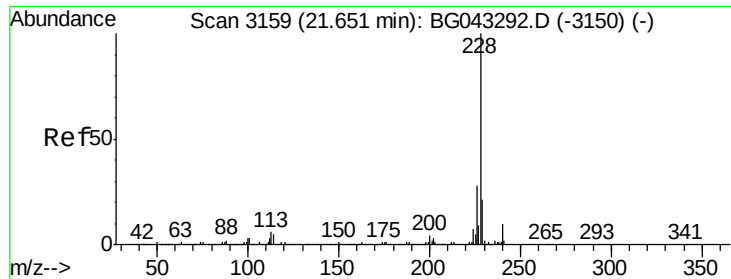


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.348 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

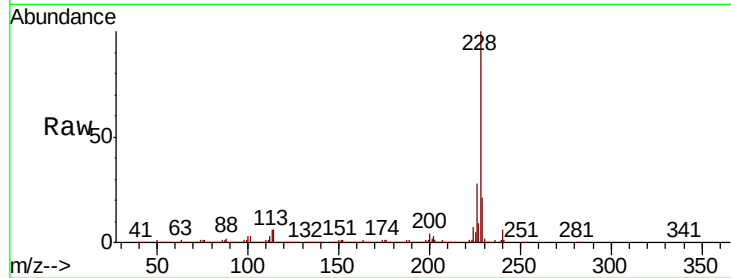
Tot Ion:228 Resp: 648858

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 21.1 17.0 25.4

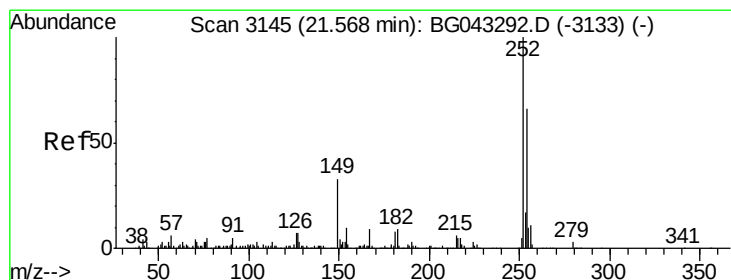
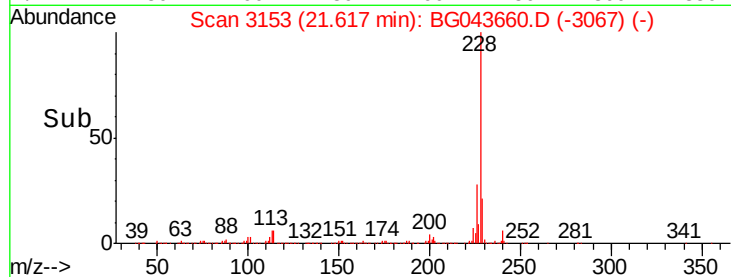
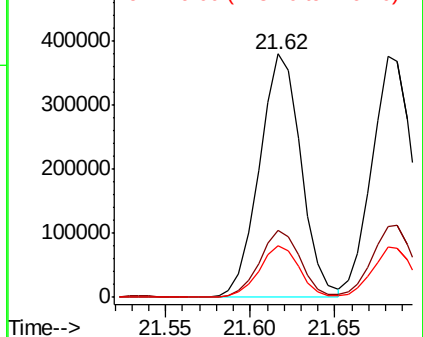


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.743 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

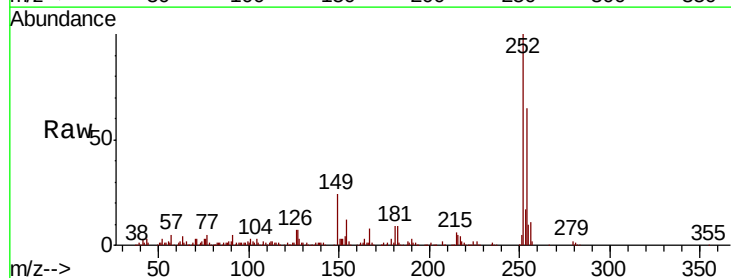
Tgt Ion:252 Resp: 221592

Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

126 7.0 6.1 9.1

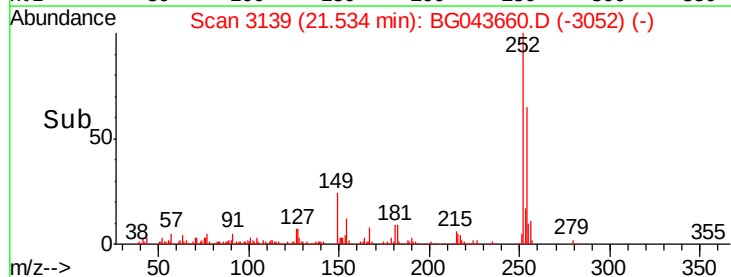
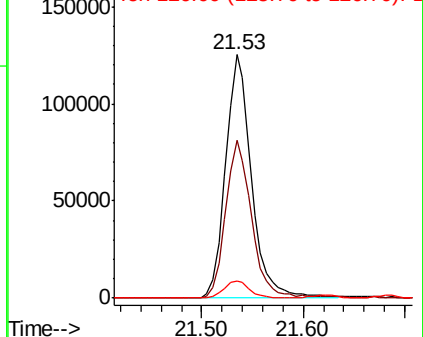


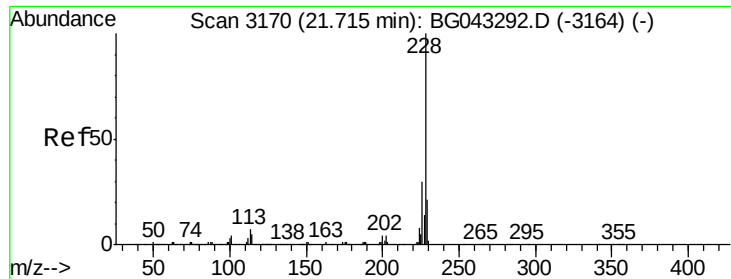
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.115 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

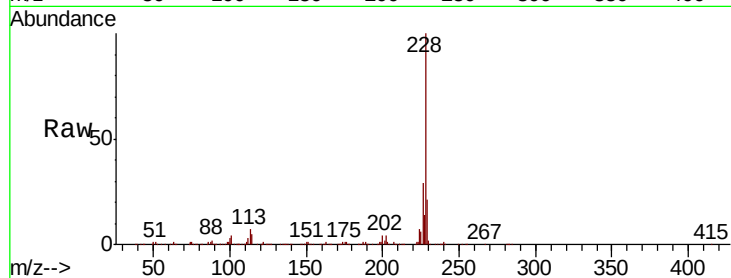
Tot Ion:228 Resp: 640875

Ion Ratio Lower Upper

228 100

226 29.3 25.1 37.7

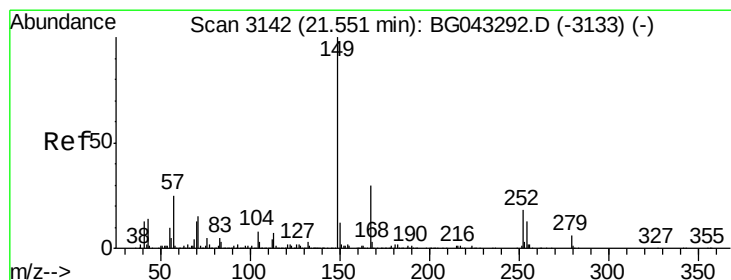
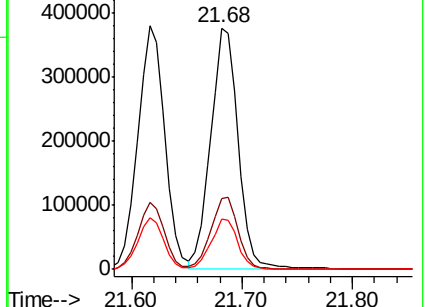
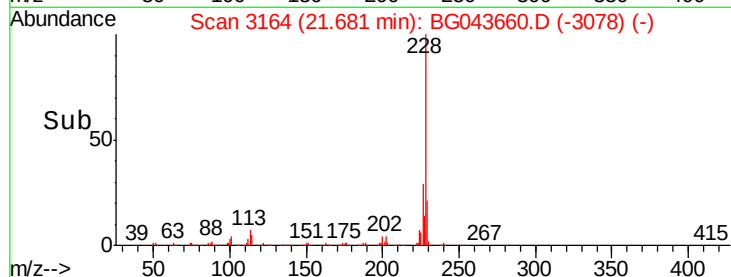
229 20.9 17.0 25.4



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: 39.889 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

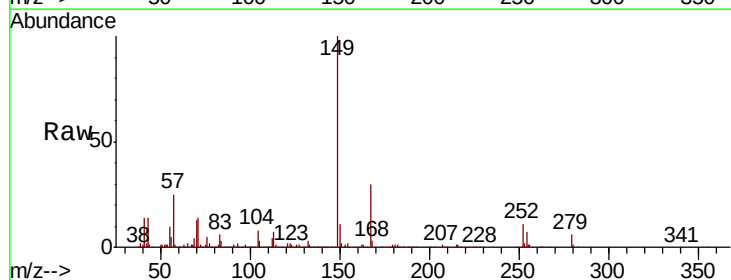
Tgt Ion:149 Resp: 349816

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

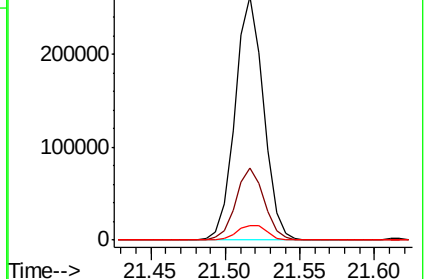
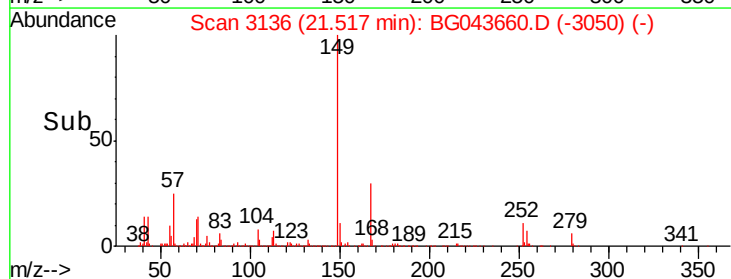
279 6.1 5.4 8.2

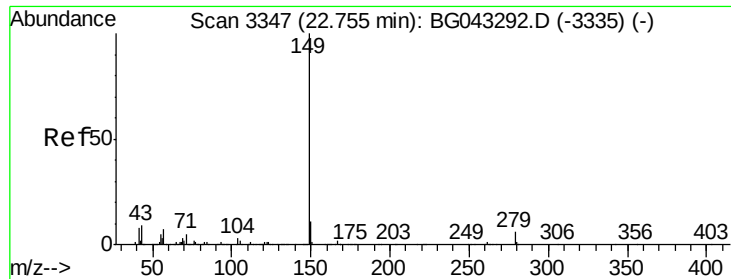


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.503 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

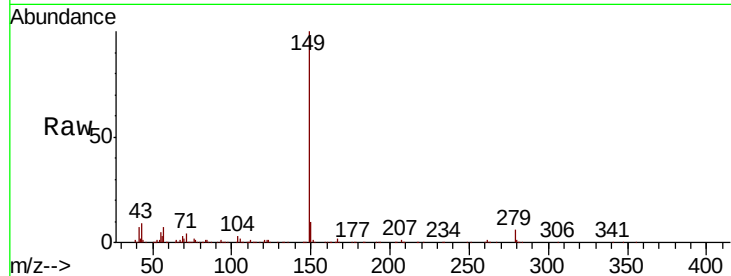
Tot Ion:149 Resp: 602627

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

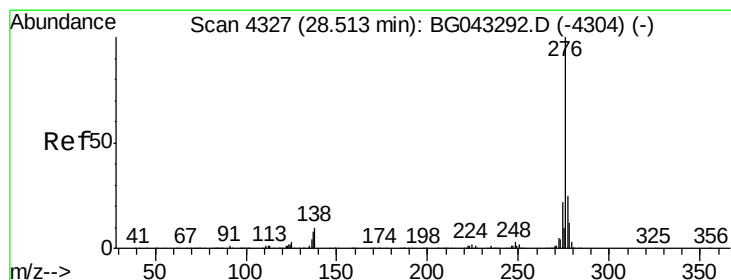
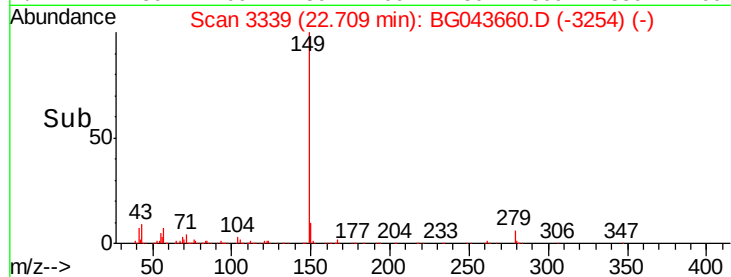
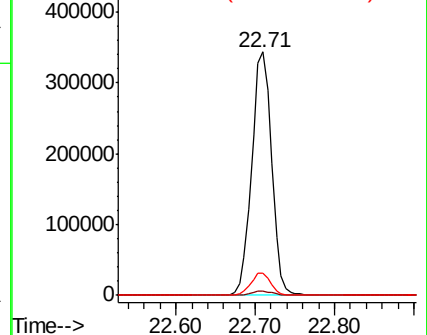
43 8.9 7.0 10.6



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: 40.442 ng

RT: 28.45 min Scan# 4316

Delta R.T. -0.05 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

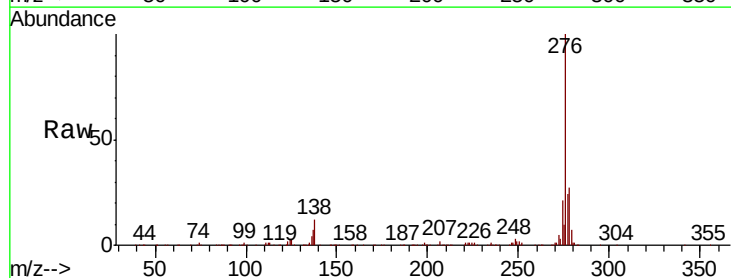
Tgt Ion:276 Resp: 831734

Ion Ratio Lower Upper

276 100

138 6.8 6.8 10.2#

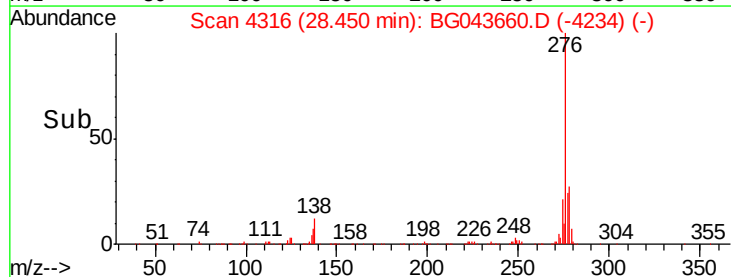
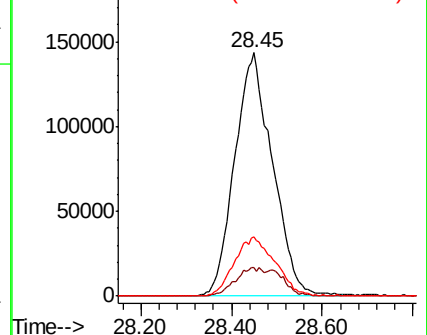
277 26.0 20.9 31.3

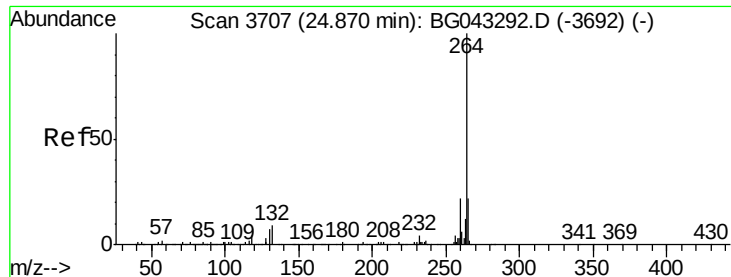


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3698

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

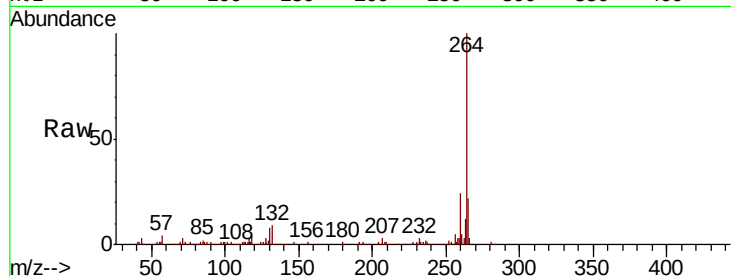
Tot Ion:264 Resp: 294362

Ion Ratio Lower Upper

264 100

260 23.8 17.5 26.3

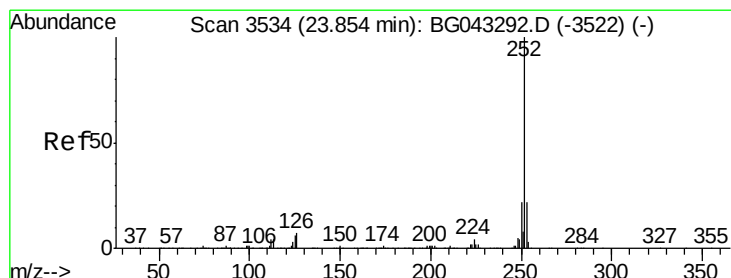
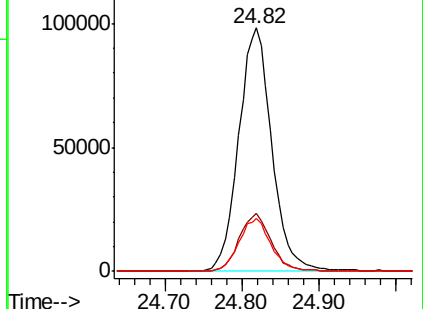
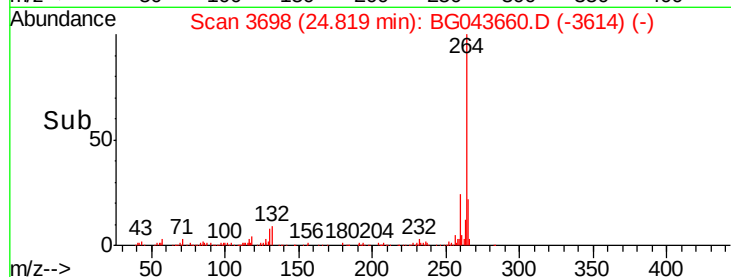
265 21.9 17.4 26.0



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: 42.149 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

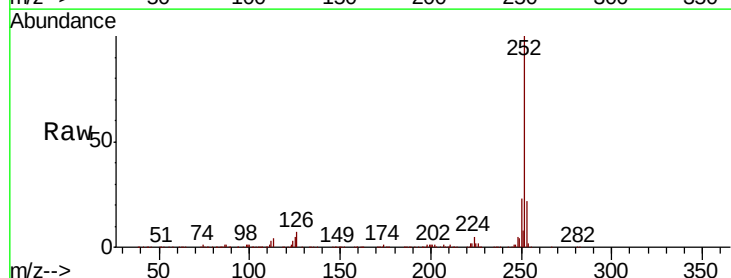
Tgt Ion:252 Resp: 702688

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

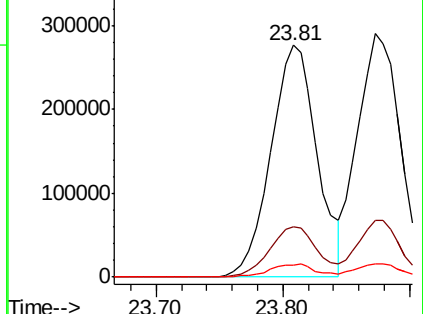
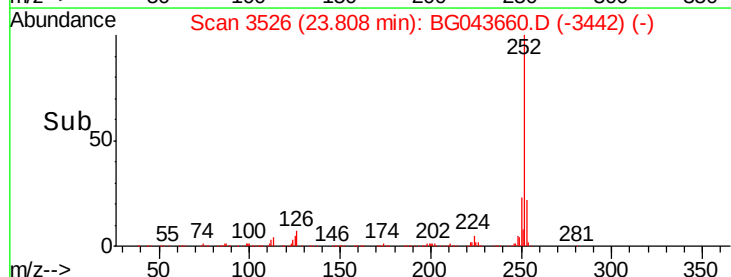
125 5.3 4.5 6.7

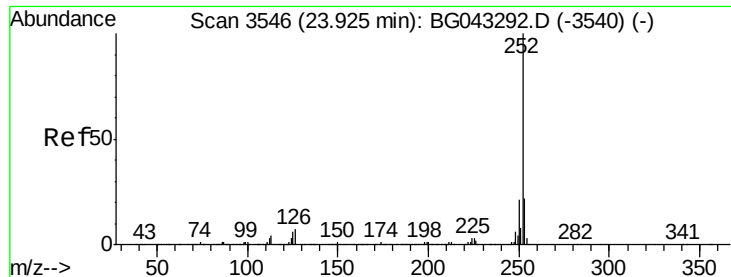


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.220 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

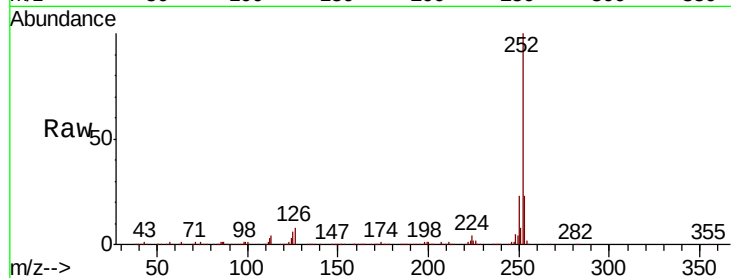
Tot Ion:252 Resp: 691820

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 5.5 4.6 6.8

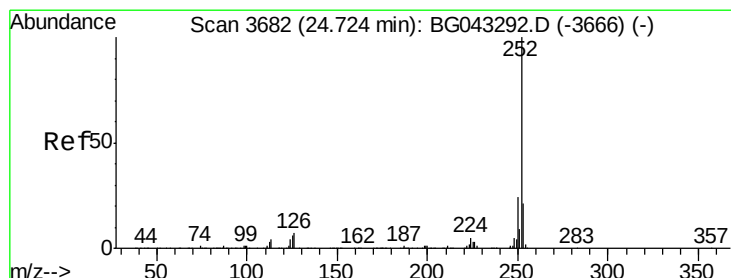
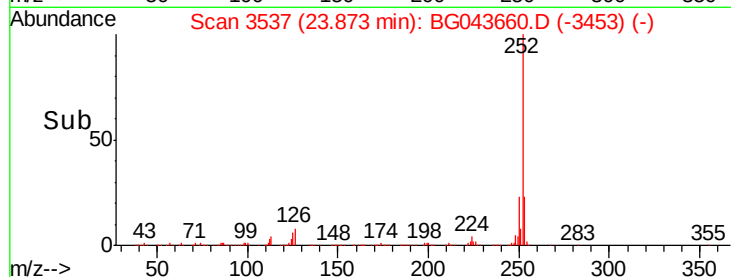
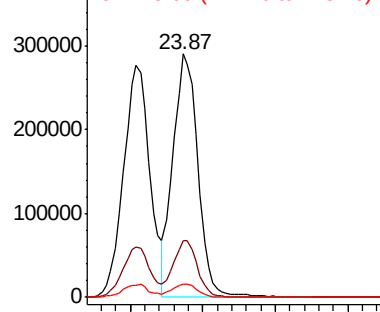


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.307 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

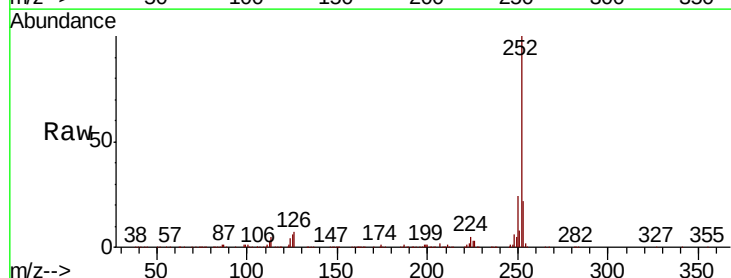
Tgt Ion:252 Resp: 689463

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 6.1 5.4 8.2

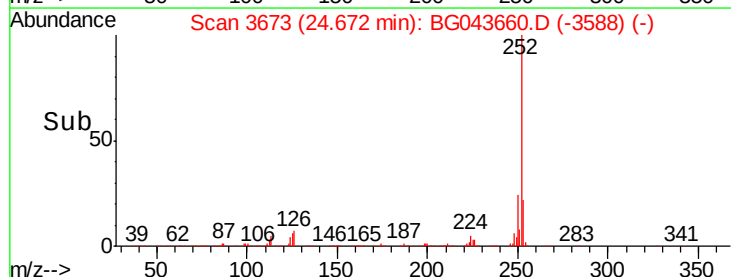
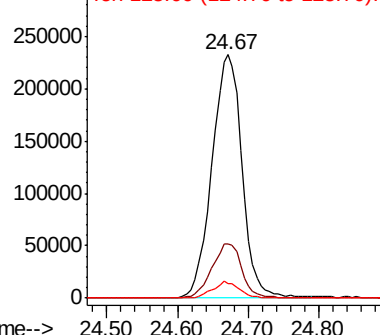


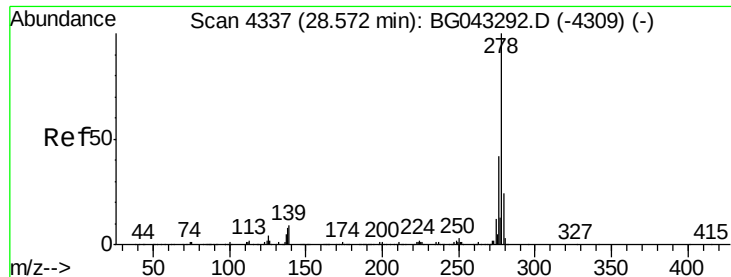
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.387 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

Instrument :

BNA_G

ClientSampleId :

PB124785BSD

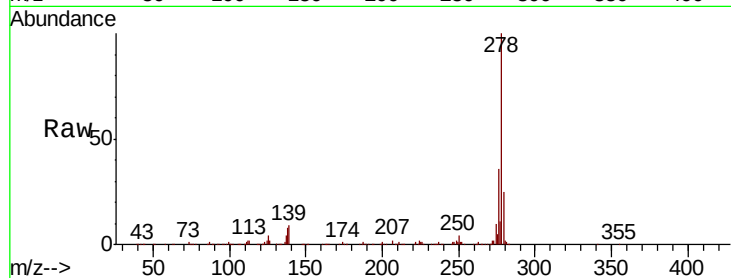
Tot Ion:278 Resp: 706526

Ion Ratio Lower Upper

278 100

139 8.8 7.4 11.0

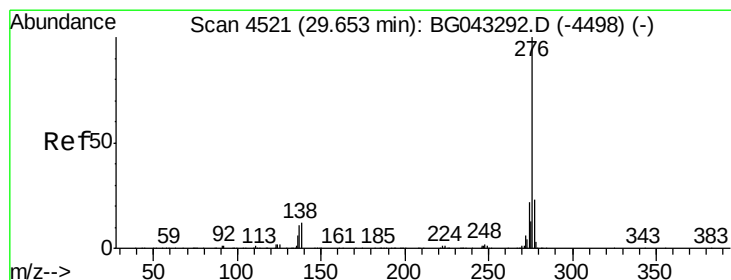
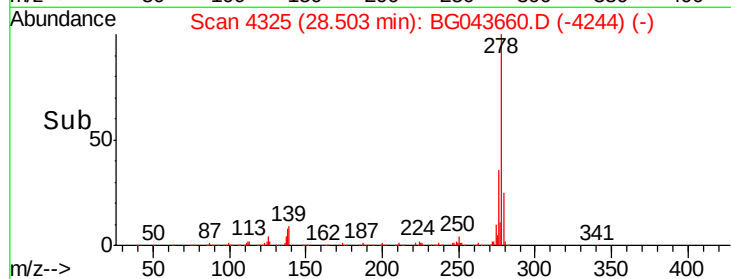
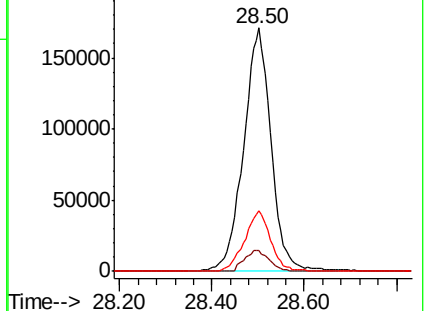
279 24.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.368 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.05 min

Lab File: BG043660.D

Acq: 15 Nov 2019 21:11

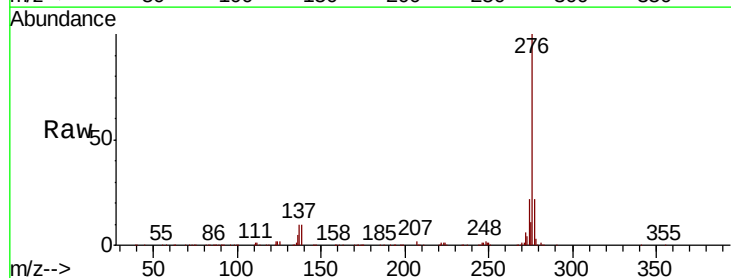
Tgt Ion:276 Resp: 696613

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 9.9 8.9 13.3



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

