

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043637.D
 Acq On : 14 Nov 2019 17:13
 Operator : JU
 Sample : K5826-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

Quant Time: Nov 15 00:59:08 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	8.00	152	34524	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	142076	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	101024	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	241679	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	260096	20.00	ng	-0.02
87) Perylene-d12	24.82	264	310114	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	168696	89.54	ng	0.00
7) Phenol-d6	7.20	99	238926	88.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	140806	51.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	138817	72.21	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	381653	52.20	ng	-0.02
79) Terphenyl-d14	19.98	244	727148	52.45	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	19820	26.996	ng	# 89
3) Pyridine	3.86	79	49530	26.744	ng	100
4) n-Nitrosodimethylamine	3.78	42	31037	33.211	ng	# 87
6) Aniline	7.33	93	47481	15.206	ng	91
8) 2-Chlorophenol	7.58	128	72599	34.907	ng	96
9) Benzaldehyde	7.13	77	33949	25.484	ng	94
10) Phenol	7.23	94	101037	40.790	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	57923	30.246	ng	99
12) 1,3-Dichlorobenzene	7.89	146	78116	29.978	ng	94
13) 1,4-Dichlorobenzene	8.03	146	77862	29.533	ng	98
14) 1,2-Dichlorobenzene	8.35	146	76160	29.586	ng	94
15) Benzyl Alcohol	8.25	79	63868	33.549	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80412	28.877	ng	98
17) 2-Methylphenol	8.47	107	61758	34.201	ng	96
18) Hexachloroethane	9.08	117	27545	28.959	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	51166	29.211	ng	93
20) 3+4-Methylphenols	8.80	107	80218	32.397	ng	# 81
22) Acetophenone	8.82	105	103033	28.318	ng	# 92
24) Nitrobenzene	9.20	77	80484	30.658	ng	# 97
25) Isophorone	9.72	82	144764	28.732	ng	98
26) 2-Nitrophenol	9.91	139	41312	32.595	ng	96
27) 2,4-Dimethylphenol	9.99	122	68231	37.561	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	79861	28.719	ng	99
29) 2,4-Dichlorophenol	10.47	162	75137	32.282	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	84501	28.805	ng	98
31) Naphthalene	10.85	128	222299	30.825	ng	98
32) Benzoic acid	10.17	122	31880	27.700	ng	96
33) 4-Chloroaniline	10.98	127	28470	9.631	ng	93
34) Hexachlorobutadiene	11.13	225	61207	28.225	ng	92
35) Caprolactam	11.73	113	23523	29.345	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	80782	31.819	ng	98
37) 2-Methylnaphthalene	12.46	142	168581	30.466	ng	99
38) 1-Methylnaphthalene	12.67	142	159879	30.367	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	110525	29.562	ng	100

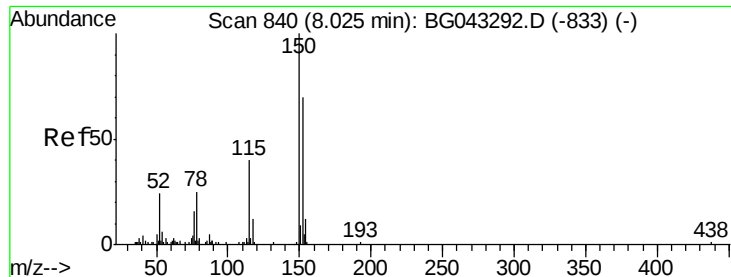
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043637.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	94262	47.995	nq	97
43) 2,4,6-Trichlorophenol	13.07	196	67780	30.784	nq	91
44) 2,4,5-Trichlorophenol	13.17	196	72246	32.456	nq	97
46) 1,1'-Biphenyl	13.46	154	229110	29.811	nq	98
47) 2-Chloronaphthalene	13.50	162	174259	29.800	nq	97
48) 2-Nitroaniline	13.72	65	52204	29.870	nq	91
49) Acenaphthylene	14.35	152	289200	31.777	nq	99
50) Dimethylphthalate	14.08	163	277469	35.459	nq	99
51) 2,6-Dinitrotoluene	14.20	165	51826	30.486	nq	96
52) Acenaphthene	14.69	154	170353	30.694	nq	99
53) 3-Nitroaniline	14.54	138	24695	15.046	nq	96
54) 2,4-Dinitrophenol	14.75	184	48616	48.911	nq	89
55) Dibenzofuran	15.02	168	278135	30.903	nq	98
56) 4-Nitrophenol	14.89	139	69056	62.785	nq	94
57) 2,4-Dinitrotoluene	14.99	165	73432	30.226	nq	# 92
58) Fluorene	15.68	166	233849	30.979	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	65988	27.902	nq	96
60) Diethylphthalate	15.44	149	226290	28.781	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	130334	29.596	nq	97
62) 4-Nitroaniline	15.71	138	46499	27.433	nq	91
63) Azobenzene	15.96	77	196010	30.804	nq	94
65) 4,6-Dinitro-2-methylphenol	15.76	198	42120	29.614	nq	94
66) n-Nitrosodiphenylamine	15.88	169	205337	30.094	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	92297	28.378	nq	97
68) Hexachlorobenzene	16.68	284	105110	28.154	nq	95
69) Atrazine	16.83	200	89078	37.571	nq	98
70) Pentachlorophenol	17.04	266	81979	48.190	nq	97
71) Phenanthrene	17.42	178	368624	29.786	nq	99
72) Anthracene	17.51	178	382391	30.882	nq	98
73) Carbazole	17.79	167	331843	29.595	nq	99
74) Di-n-butylphthalate	18.33	149	403067	29.626	nq	99
75) Fluoranthene	19.42	202	483412	29.962	nq	98
77) Benzidine	19.61	184	259718	49.616	nq	100
78) Pyrene	19.79	202	496025	30.810	nq	98
80) Butylbenzylphthalate	20.67	149	182435	29.910	nq	96
81) Benzo(a)anthracene	21.62	228	511534	31.397	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	107731	17.096	nq	97
83) Chrysene	21.69	228	495403	30.604	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	271693	31.357	nq	96
85) Di-n-octyl phthalate	22.71	149	470341	31.996	nq	99
86) Indeno(1,2,3-cd)pyrene	28.46	276	646174	31.801	nq	# 98
88) Benzo(b)fluoranthene	23.81	252	531353	30.253	nq	99
89) Benzo(k)fluoranthene	23.88	252	547222	30.949	nq	99
90) Benzo(a)pyrene	24.67	252	500544	29.844	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	547239	31.899	nq	98
92) Benzo(g,h,i)perylene	29.59	276	540393	31.934	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

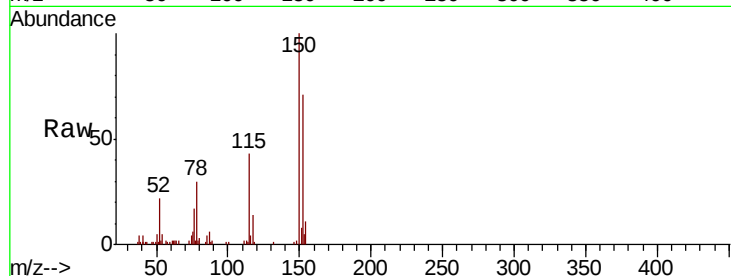
Tot Ion:152 Resp: 34524

Ion Ratio Lower Upper

152 100

150 140.2 129.4 194.0

115 60.8 48.8 73.2

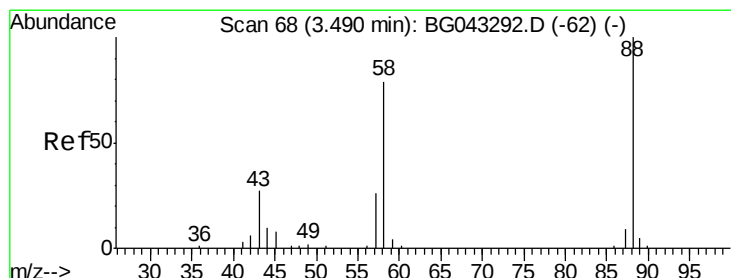
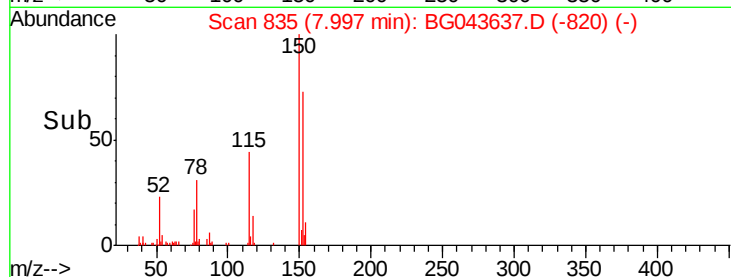
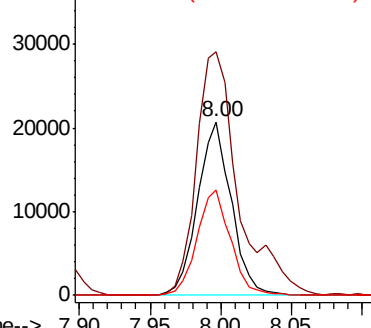


Abundance

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



#2

1,4-Dioxane

Concen: 26.996 ng

RT: 3.46 min Scan# 62

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

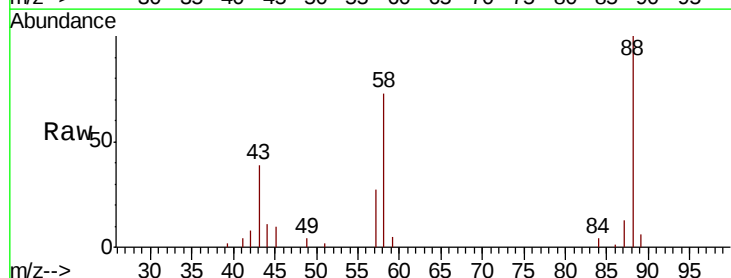
Tgt Ion: 88 Resp: 19820

Ion Ratio Lower Upper

88 100

58 86.2 62.7 94.1

43 38.5 23.7 35.5#

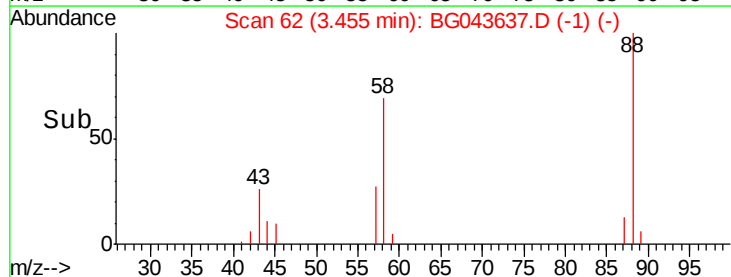
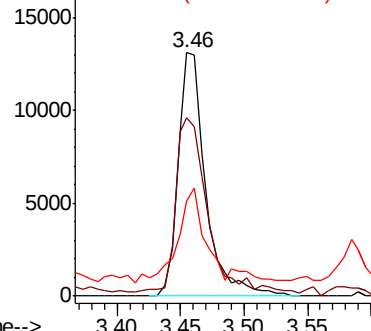


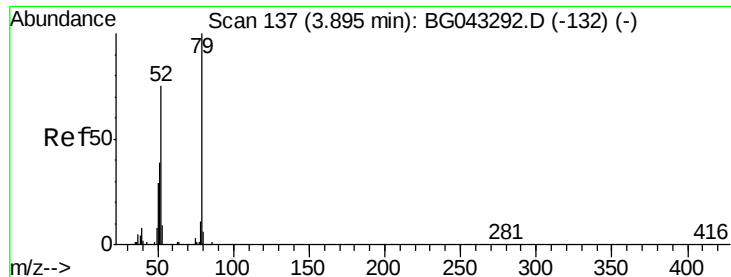
Abundance

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: 26.744 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

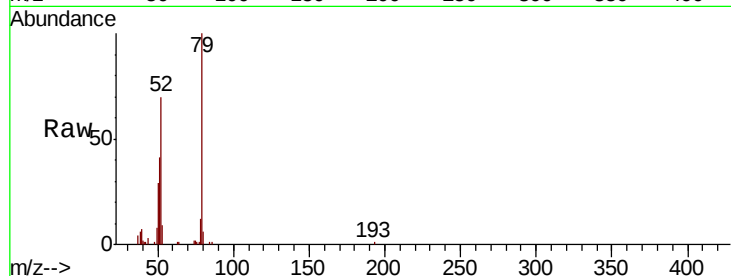
Tot Ion: 79 Resp: 49530

Ion Ratio Lower Upper

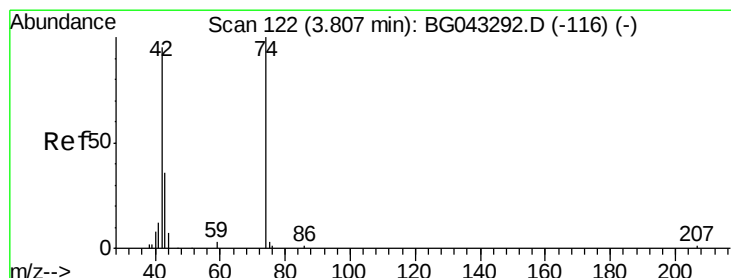
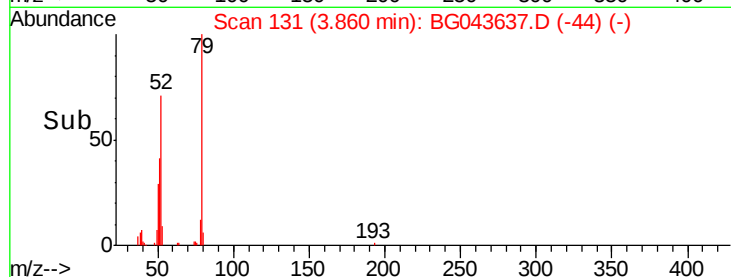
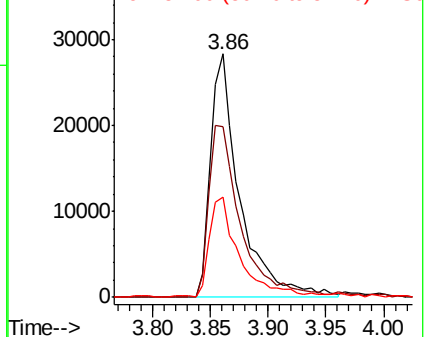
79 100

52 70.2 56.5 84.7

51 41.3 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: 33.211 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

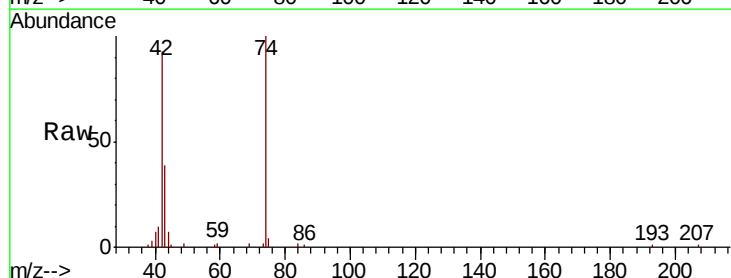
Tgt Ion: 42 Resp: 31037

Ion Ratio Lower Upper

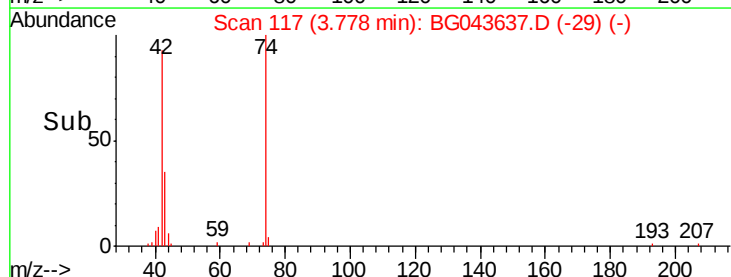
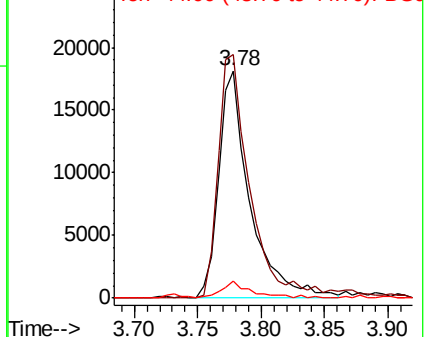
42 100

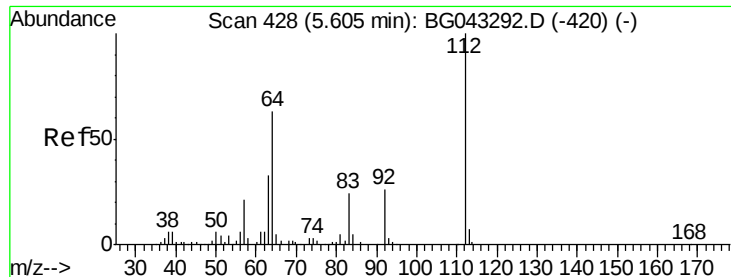
74 107.0 97.3 145.9

44 7.4 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: 89.540 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

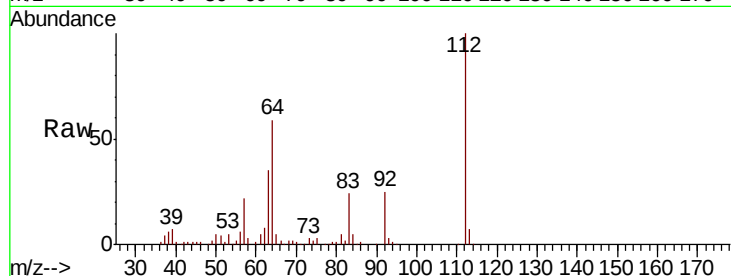
Tot Ion:112 Resp: 168696

Ion Ratio Lower Upper

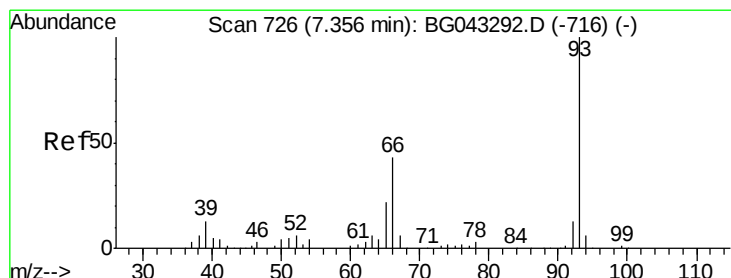
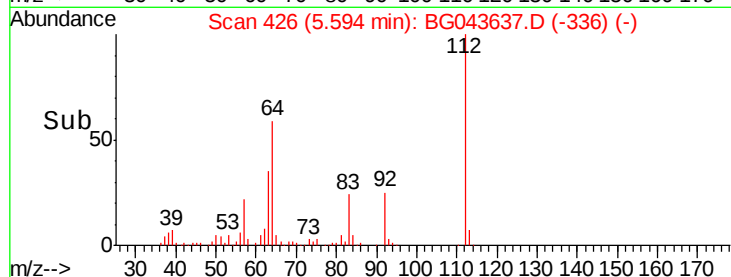
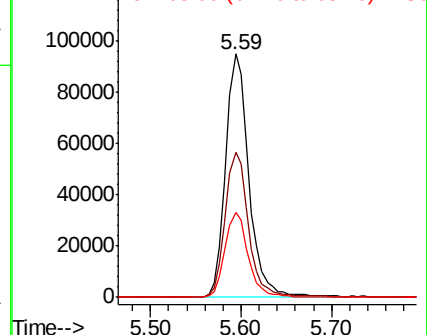
112 100

64 59.5 50.0 75.0

63 34.8 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: 15.206 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

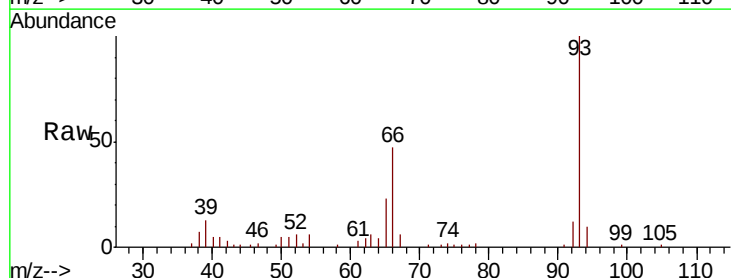
Tgt Ion: 93 Resp: 47481

Ion Ratio Lower Upper

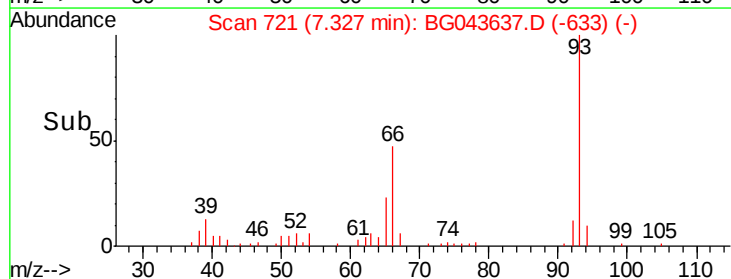
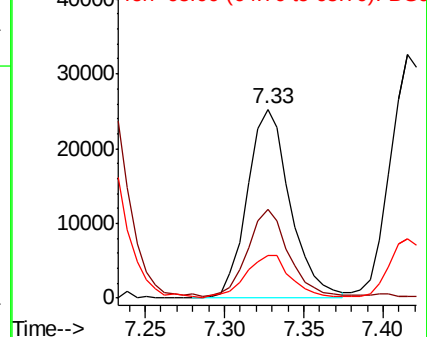
93 100

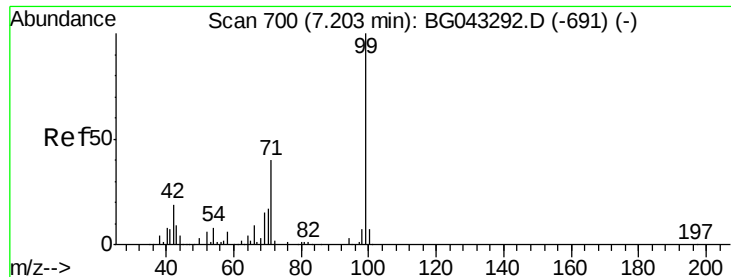
66 47.0 32.3 48.5

65 22.9 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: 88.142 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

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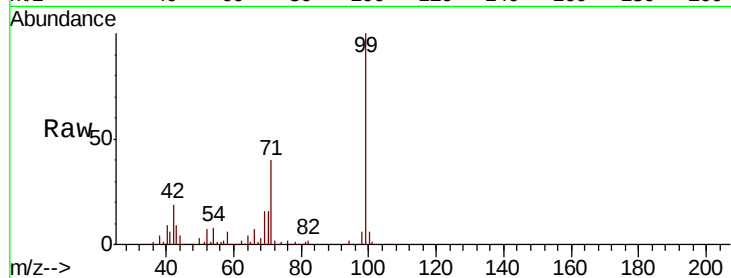
Tot Ion: 99 Resp: 238926

Ion Ratio Lower Upper

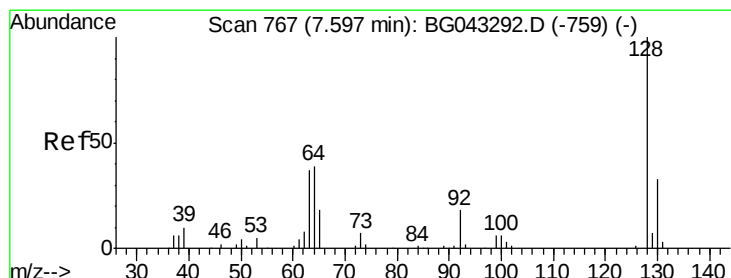
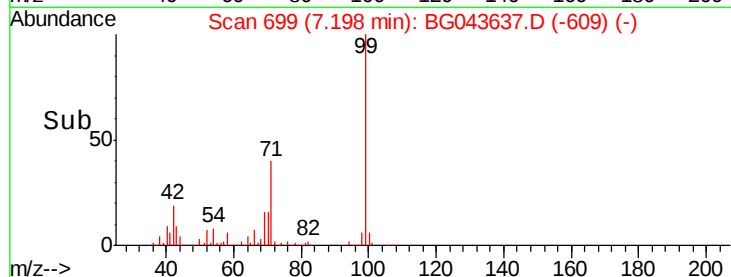
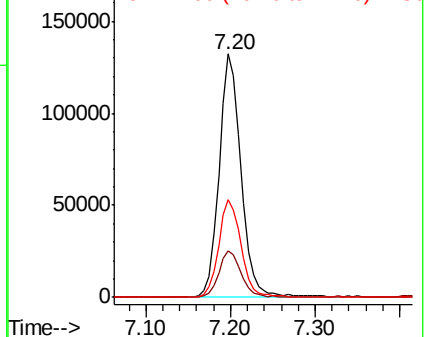
99 100

42 19.1 14.6 21.8

71 40.0 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: 34.907 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

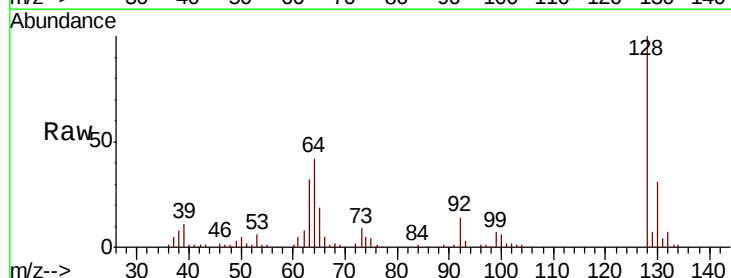
Tgt Ion: 128 Resp: 72599

Ion Ratio Lower Upper

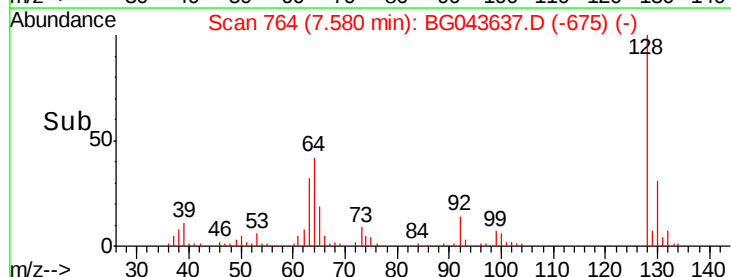
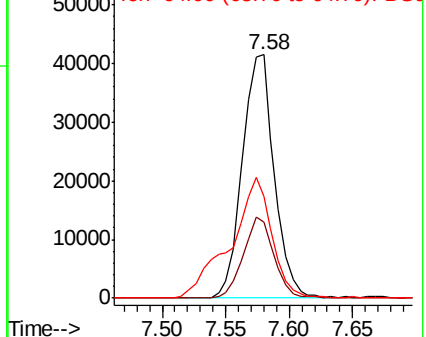
128 100

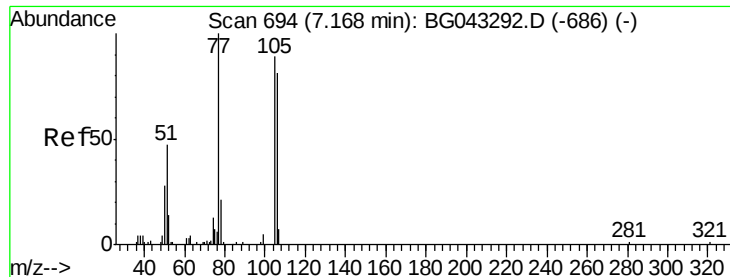
130 31.0 12.5 52.5

64 41.6 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: 25.484 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

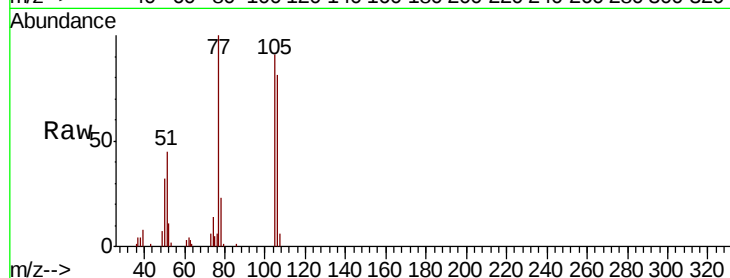
Tot Ion: 77 Resp: 33949

Ion Ratio Lower Upper

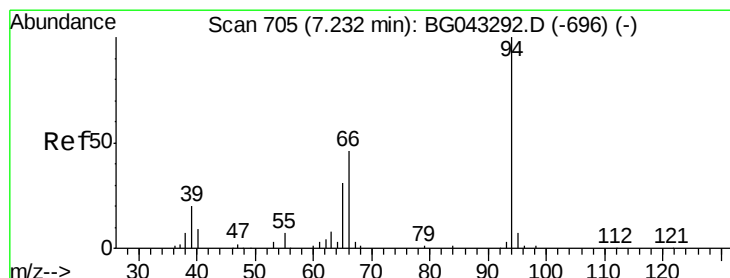
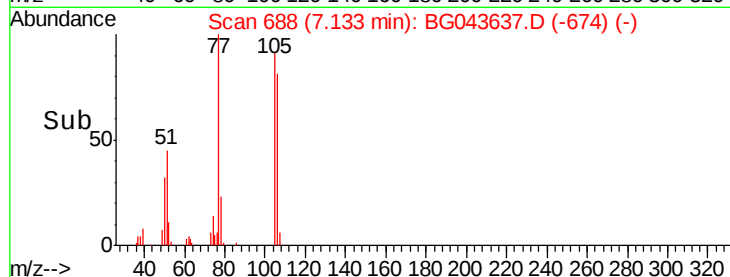
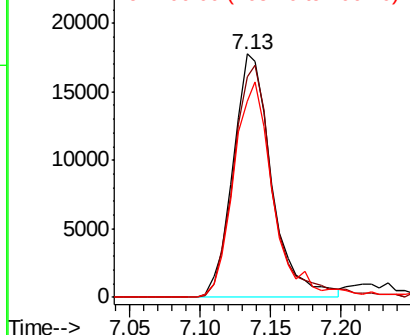
77 100

105 90.5 68.6 108.6

106 80.8 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: 40.790 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

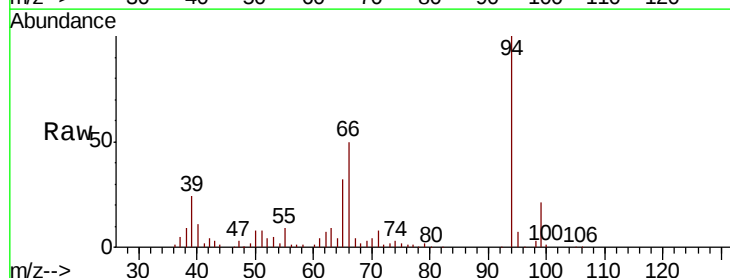
Tgt Ion: 94 Resp: 101037

Ion Ratio Lower Upper

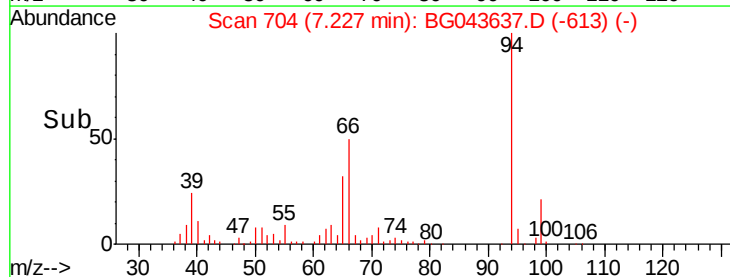
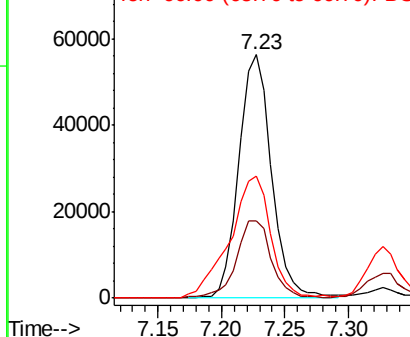
94 100

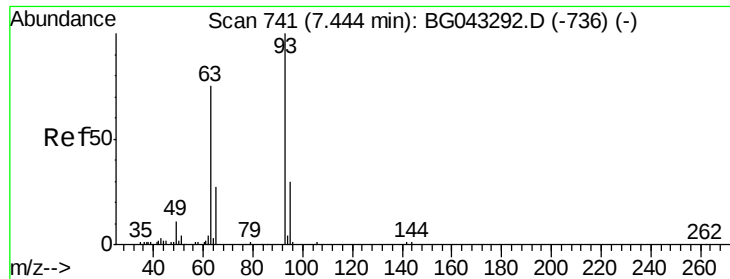
65 31.9 12.6 52.6

66 50.2 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

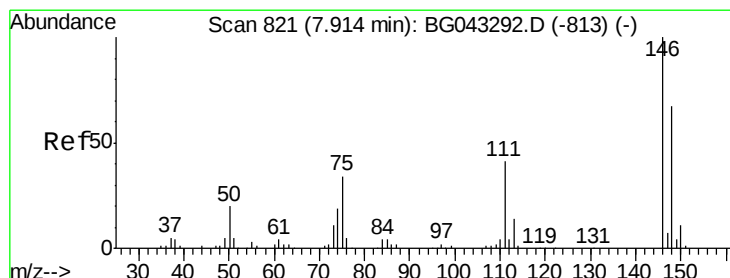
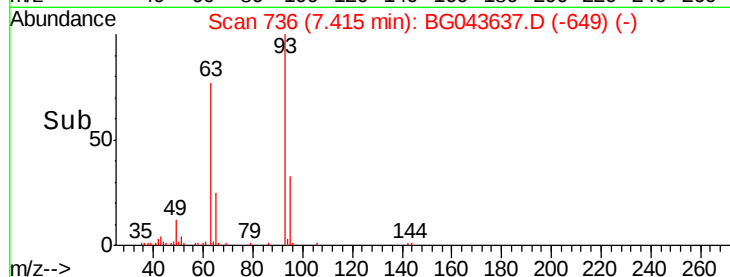
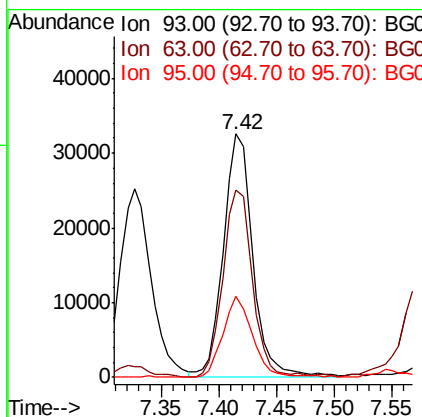
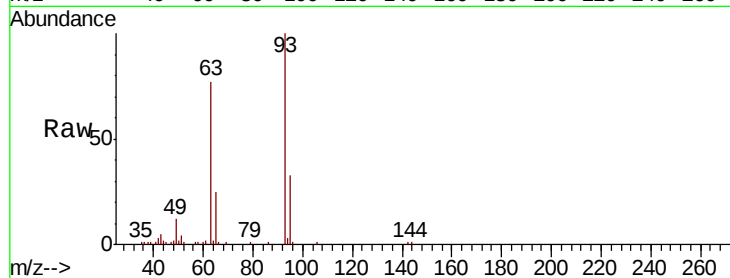




#11
 bis(2-Chloroethyl)ether
 Concen: 30.246 ng
 RT: 7.42 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

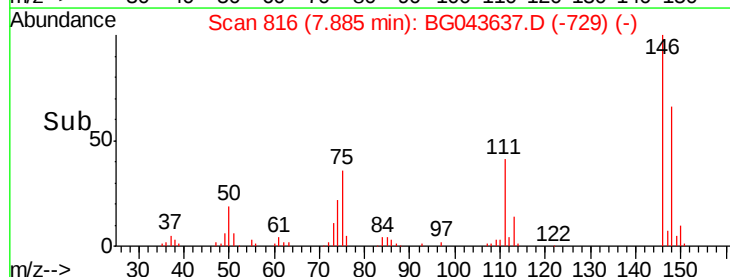
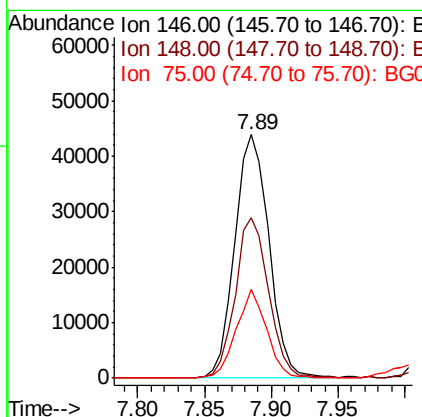
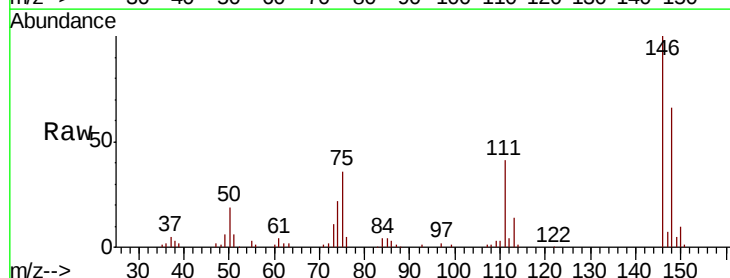
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

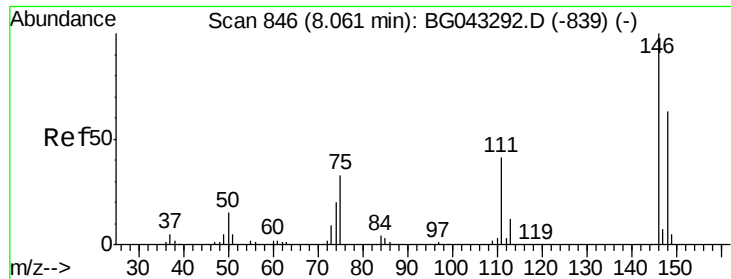
Tot Ion	93	Resp	57923
Ion	Ratio	Lower	Upper
93	100		
63	76.8	56.3	96.3
95	33.2	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 29.978 ng
 RT: 7.89 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion	146	Resp	78116
Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.3	75.5
75	36.2	24.6	37.0

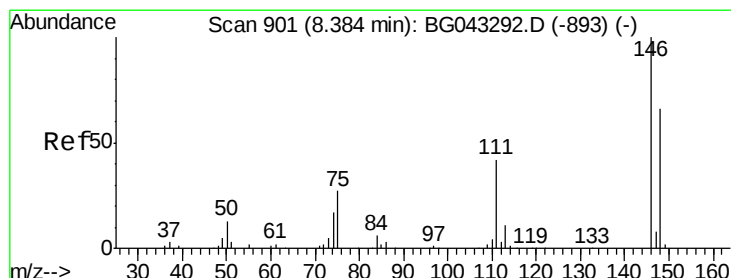
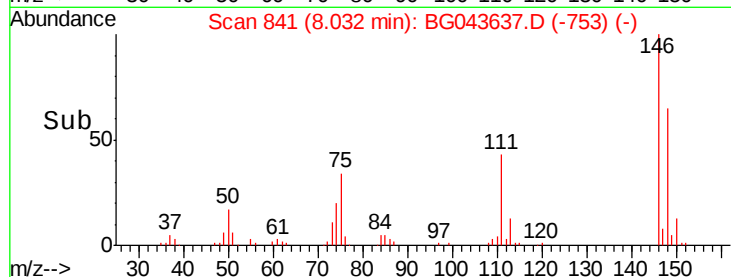
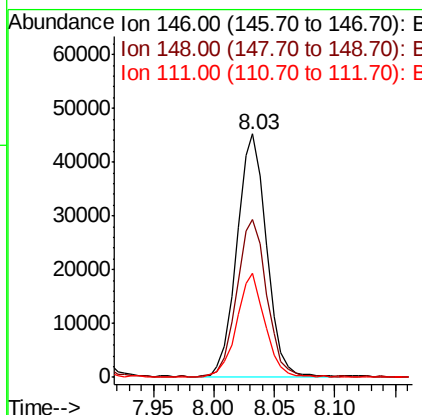
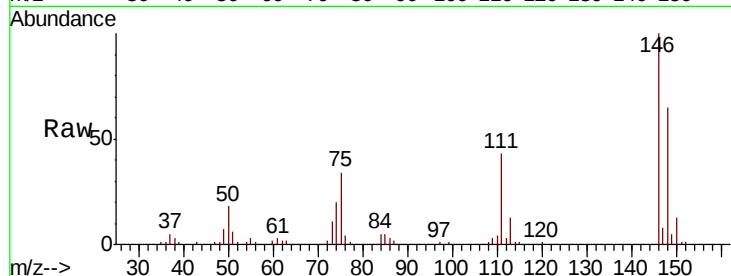




#13
 1,4-Dichlorobenzene
 Concen: 29.533 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

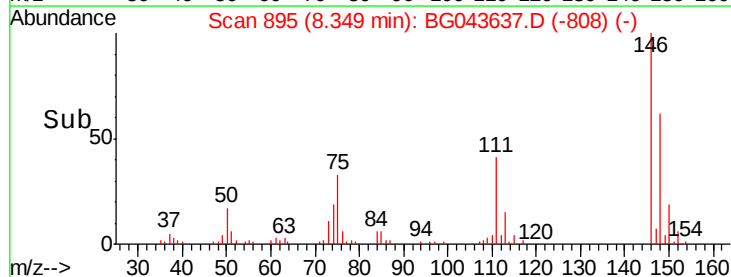
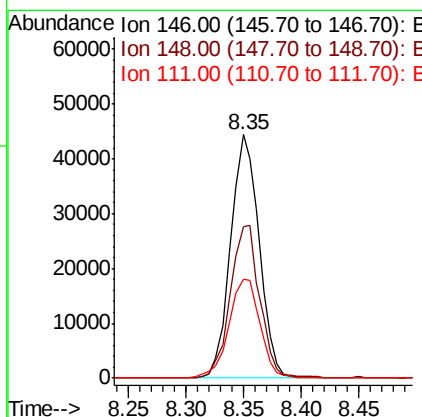
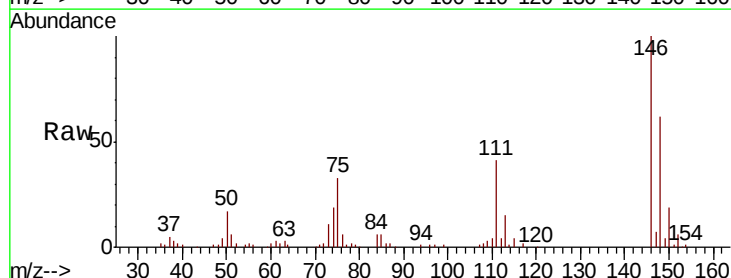
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

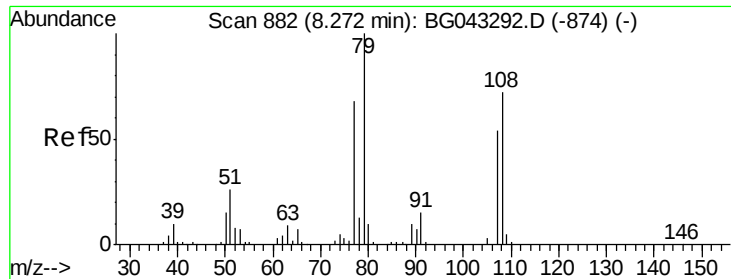
Tot Ion:146 Resp: 77862
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.7 76.1
 111 42.6 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 29.586 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:146 Resp: 76160
 Ion Ratio Lower Upper
 146 100
 148 62.4 53.2 79.8
 111 40.5 35.8 53.6





#15

Benzyl Alcohol

Concen: 33.549 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

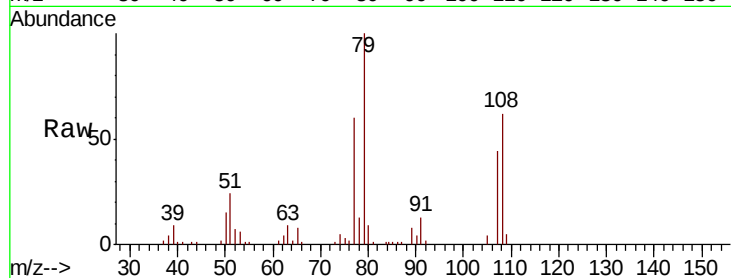
Tot Ion: 79 Resp: 63868

Ion Ratio Lower Upper

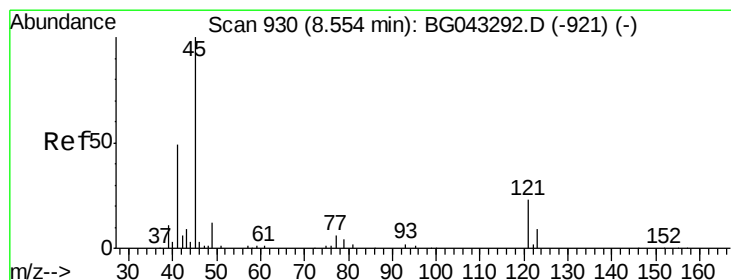
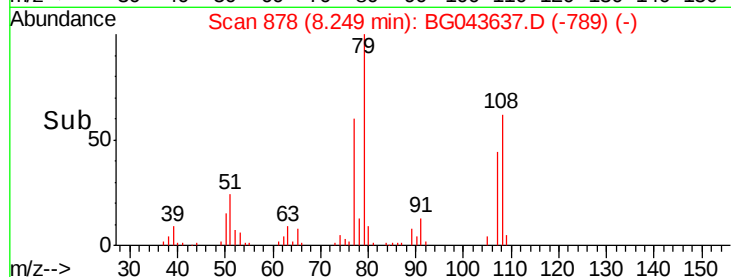
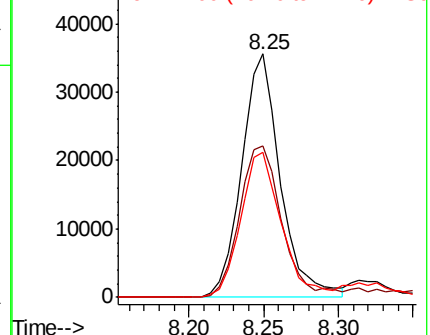
79 100

108 62.0 53.6 80.4

77 59.6 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: 28.877 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

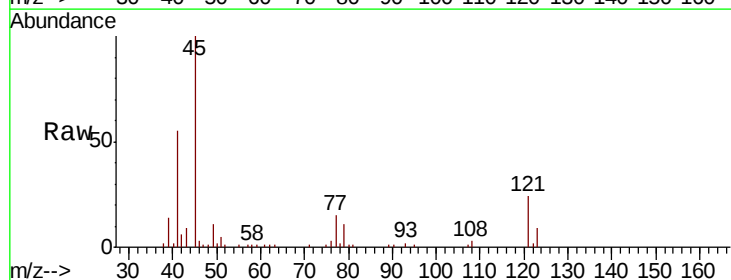
Tgt Ion: 45 Resp: 80412

Ion Ratio Lower Upper

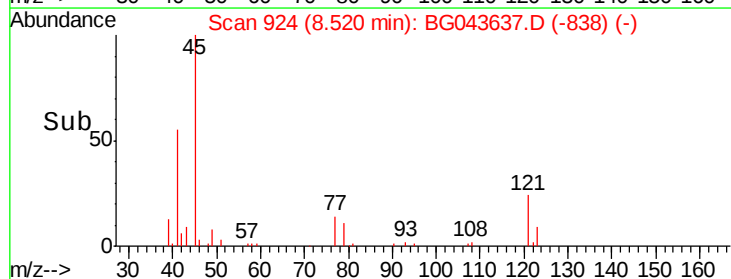
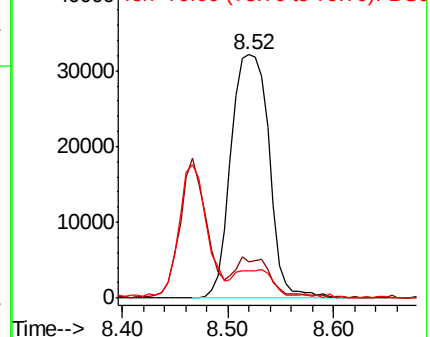
45 100

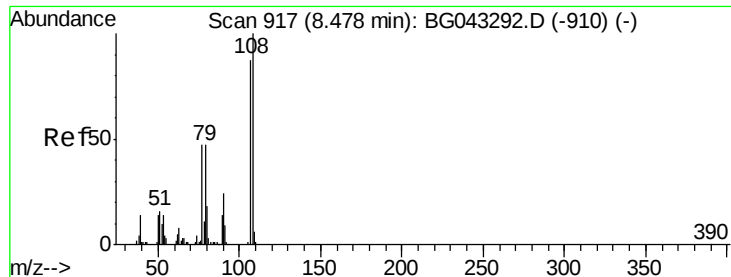
77 15.1 0.0 34.9

79 11.4 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: 34.201 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

Tot Ion:107 Resp: 61758

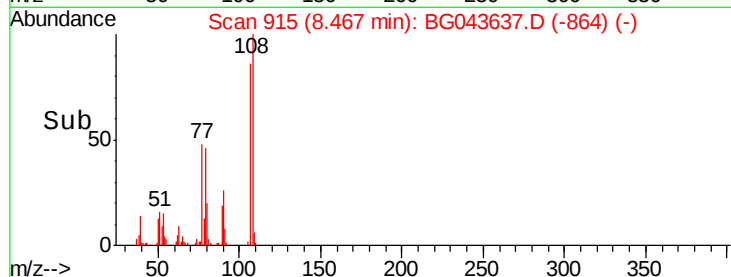
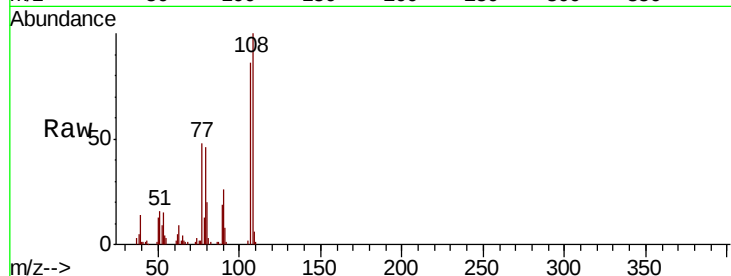
Ion Ratio Lower Upper

107 100

108 116.2 90.2 135.4

77 55.7 40.2 60.2

79 53.3 44.0 66.0

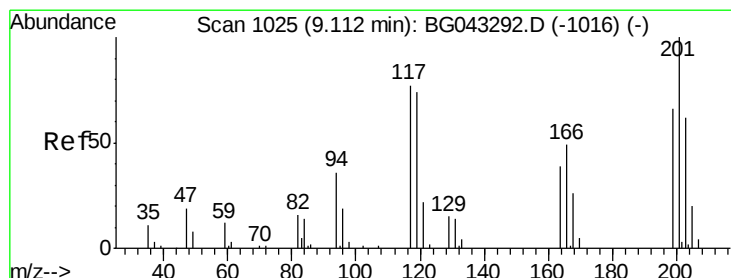
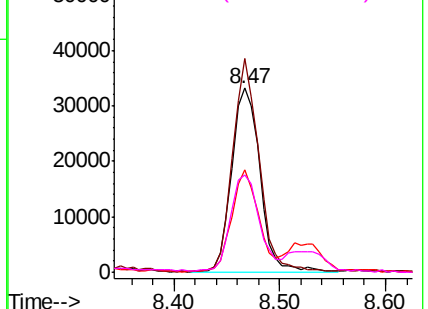


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.959 ng

RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

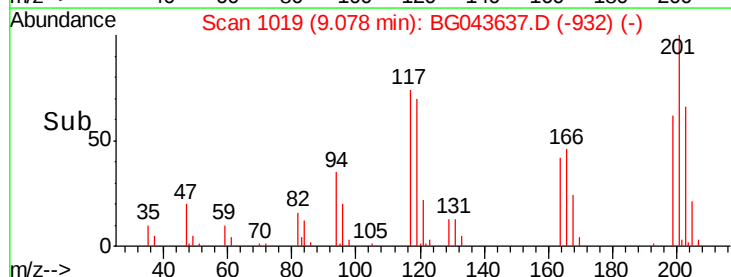
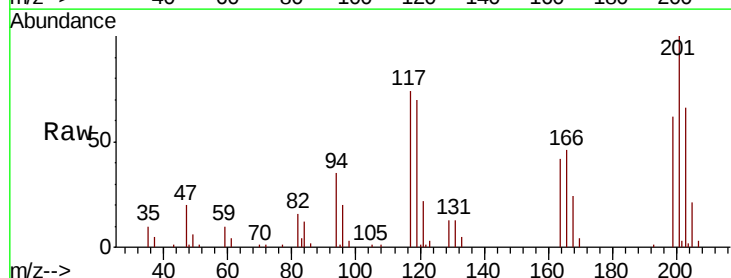
Tgt Ion:117 Resp: 27545

Ion Ratio Lower Upper

117 100

119 94.6 79.0 118.4

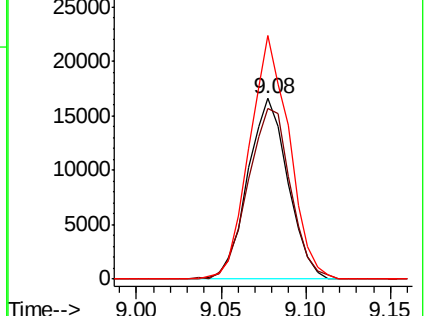
201 138.7 105.4 158.2

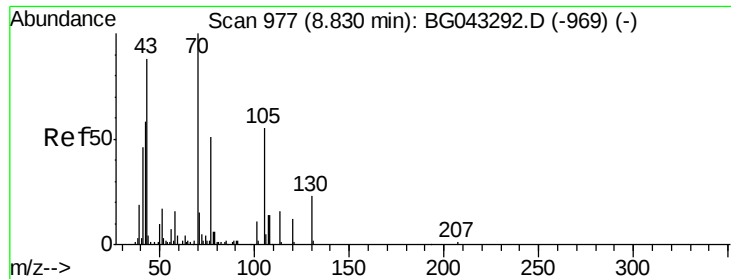


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

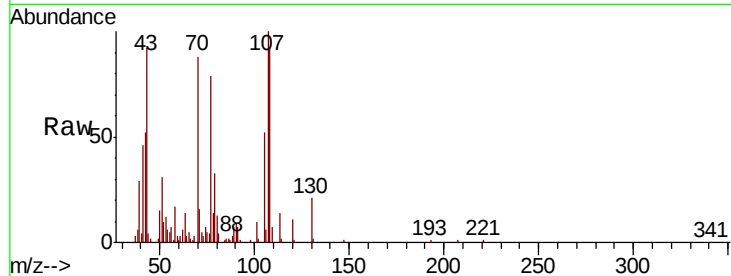




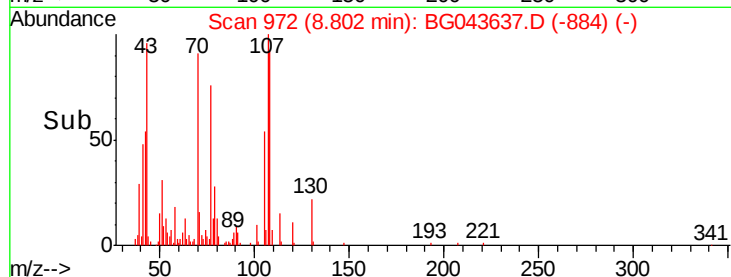
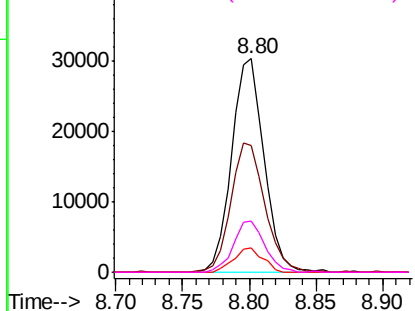
#19
n-Nitroso-di-n-propylamine
Concen: 29.211 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

Tot Ion:	70	Resp:	51166
Ion	Ratio	Lower	Upper
70	100		
42	59.2	41.4	62.2
101	11.2	7.9	11.9
130	23.9	19.0	28.4



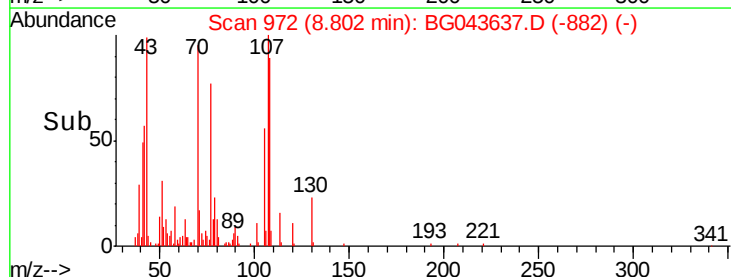
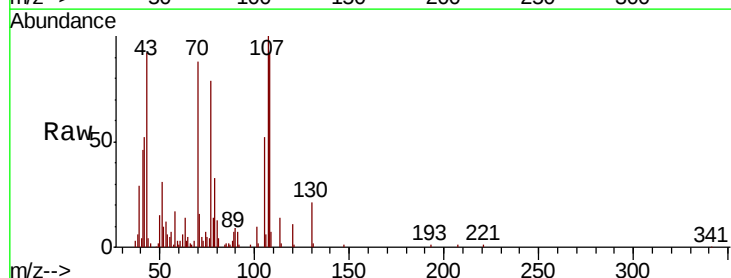
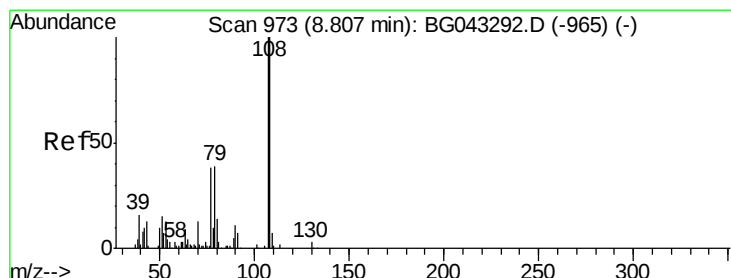
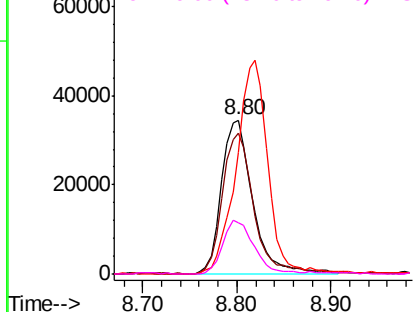
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

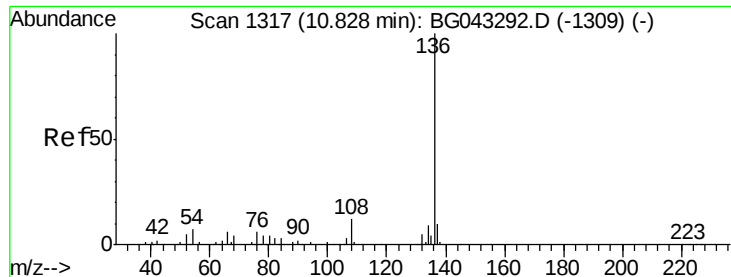


#20
3+4-Methylphenols
Concen: 32.397 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:	107	Resp:	80218
Ion	Ratio	Lower	Upper
107	100		
108	91.9	66.6	106.6
77	78.7	20.9	60.9
79	33.1	11.3	51.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

Tot Ion:136 Resp: 142076

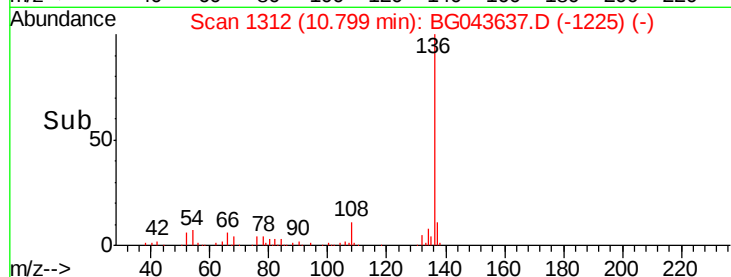
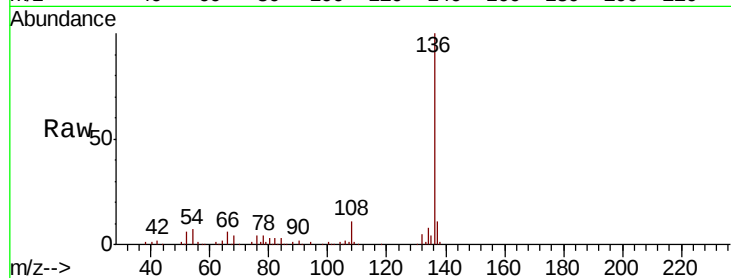
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.4 5.4 8.2

68 3.7 3.0 4.4

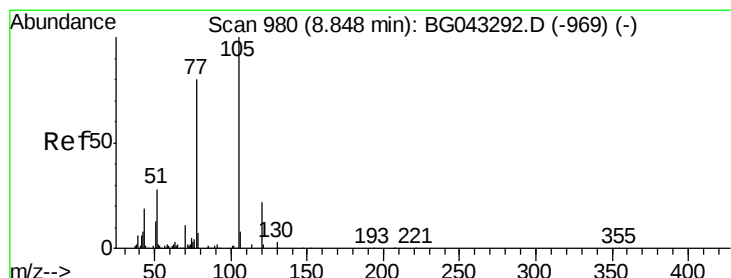
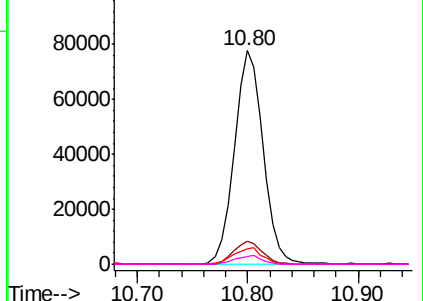


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.318 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Tgt Ion:105 Resp: 103033

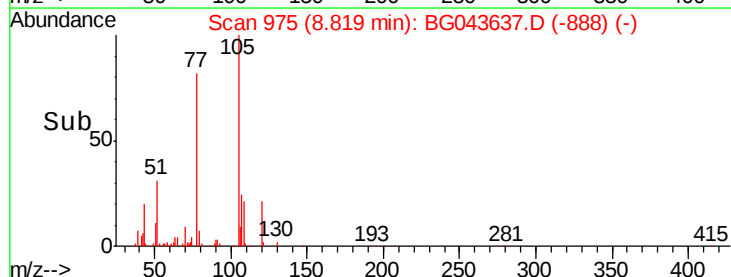
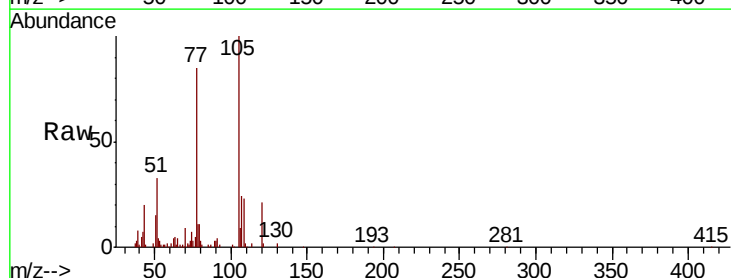
Ion Ratio Lower Upper

105 100

71 2.2 0.8 1.2#

51 32.6 21.0 31.4#

120 20.6 18.0 27.0

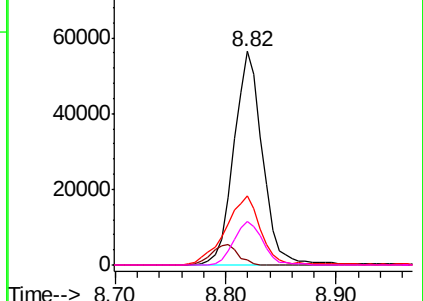


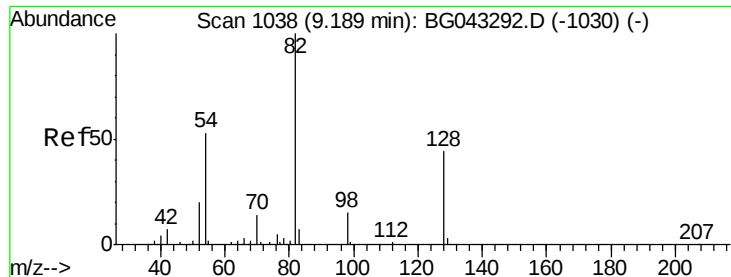
Abundance Ion 105.00 (104.70 to 105.70): E

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

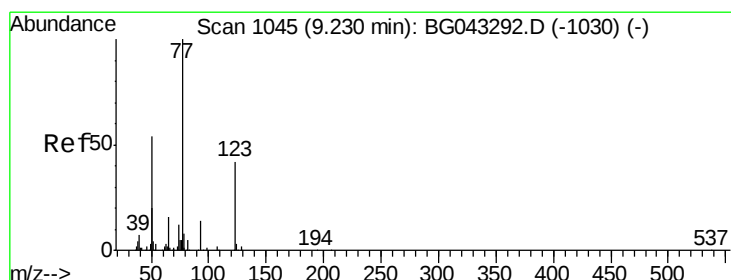
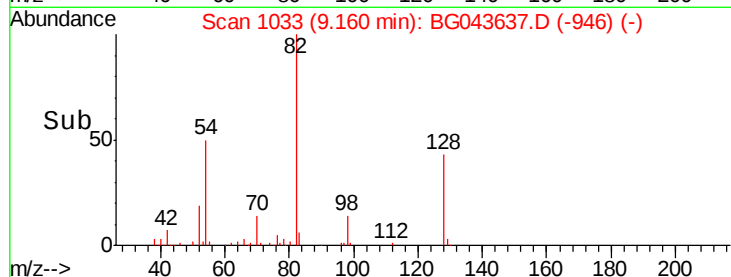
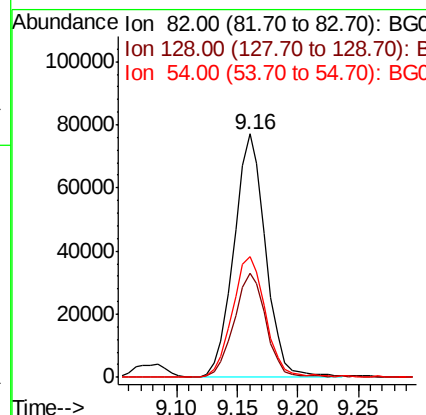
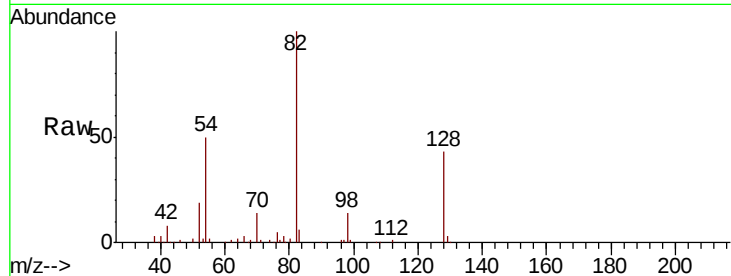




#23
 Nitrobenzene-d5
 Concen: 51.094 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

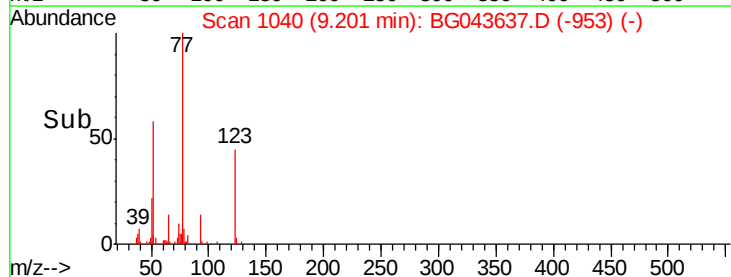
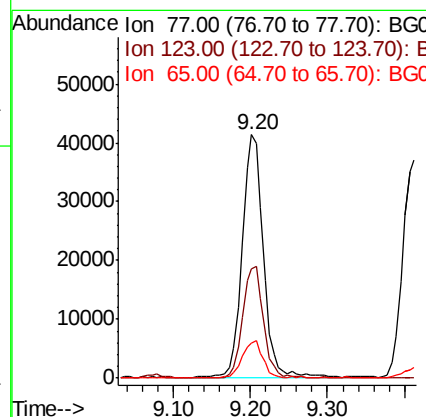
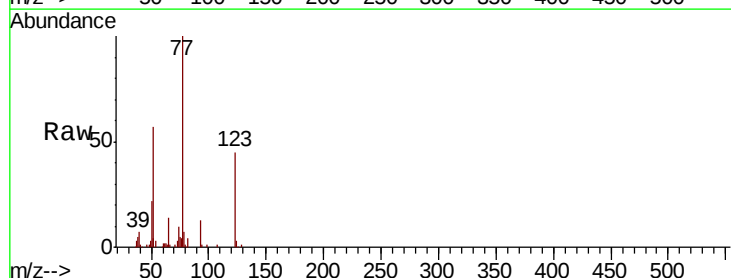
Instrument :
 BNA_G
 ClientSampleID :
 TP-14B-SMSD

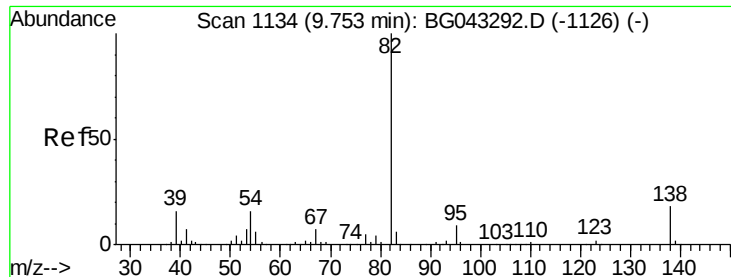
Tot Ion	82	Resp	140806
Ion Ratio	100	Lower	Upper
128	42.6	35.0	52.6
54	49.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 30.658 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion	77	Resp	80484
Ion Ratio	100	Lower	Upper
123	44.7	35.0	52.6
65	14.4	9.5	14.3#





#25

Isophorone

Concen: 28.732 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

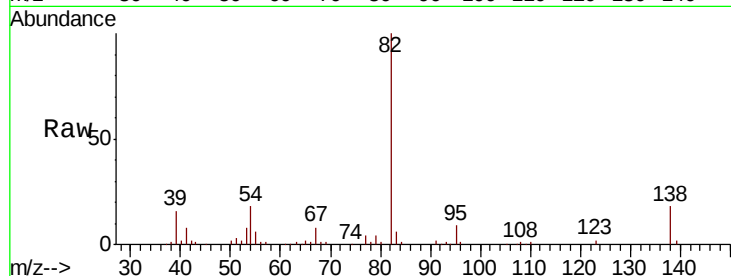
Tot Ion: 82 Resp: 144764

Ion Ratio Lower Upper

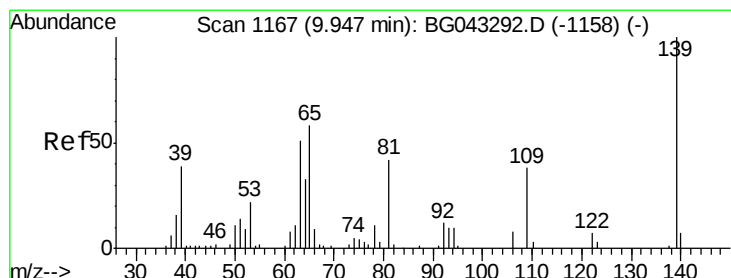
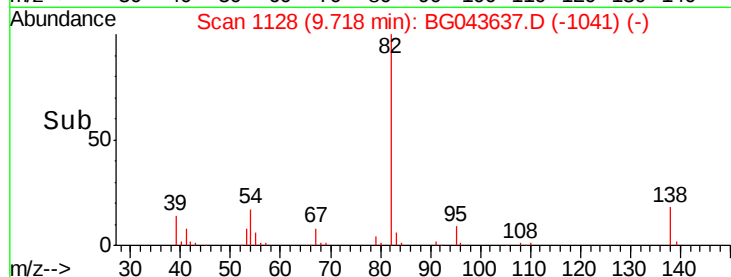
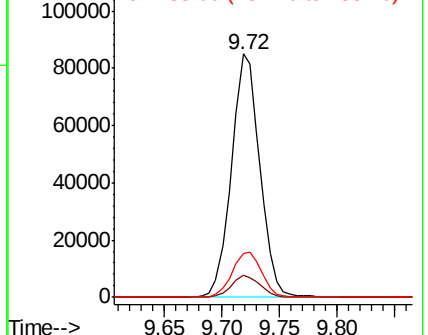
82 100

95 9.0 6.6 9.8

138 17.9 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 32.595 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

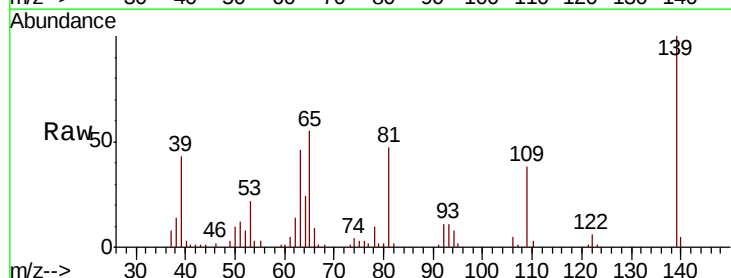
Tgt Ion: 139 Resp: 41312

Ion Ratio Lower Upper

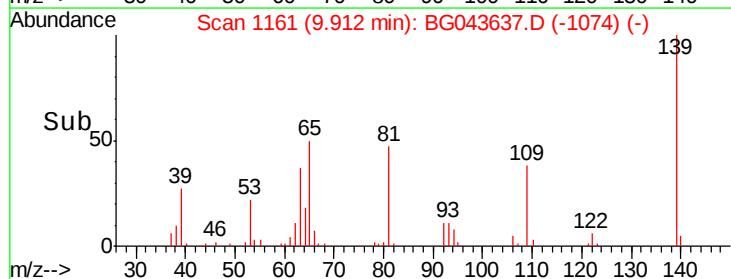
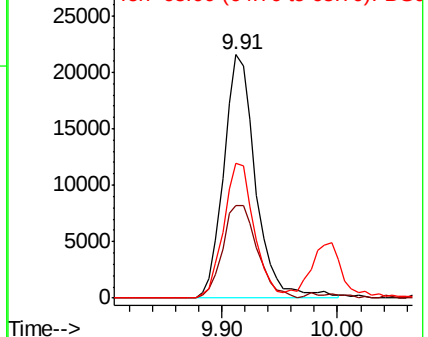
139 100

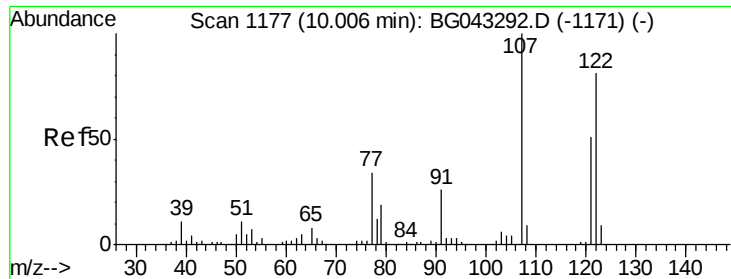
109 38.2 26.5 39.7

65 55.3 43.8 65.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

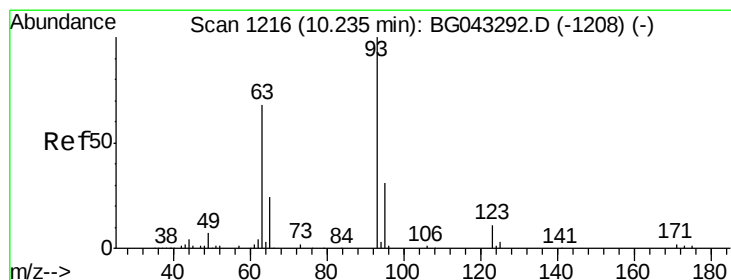
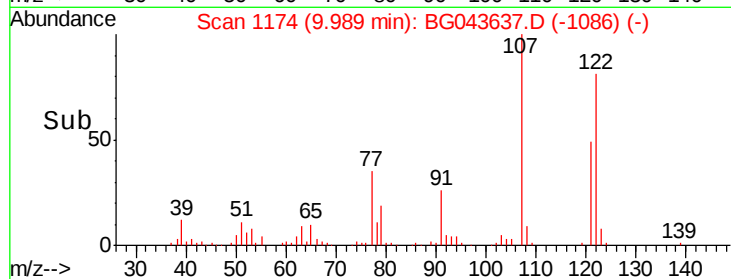
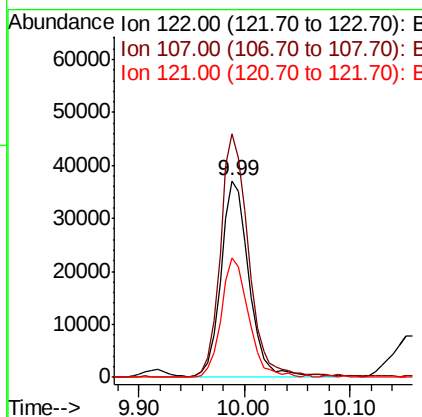
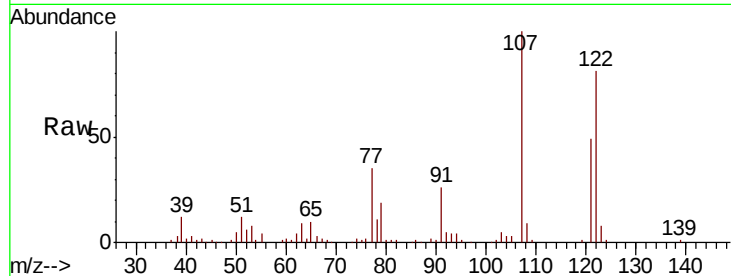




#27
2,4-Dimethylphenol
Concen: 37.561 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

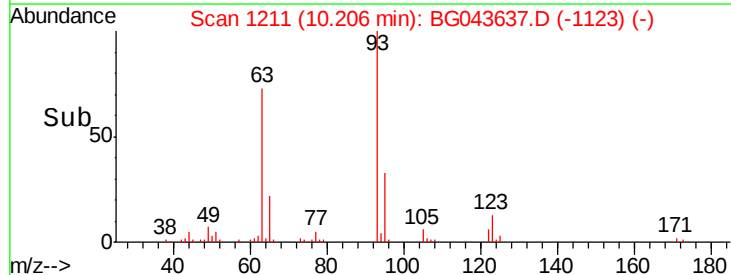
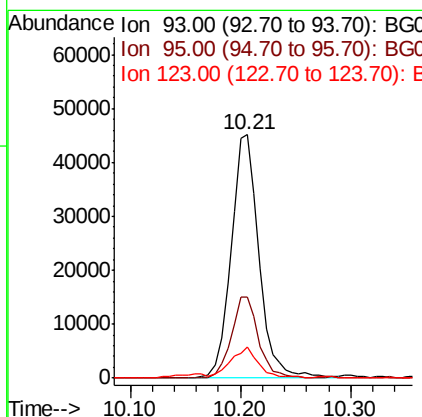
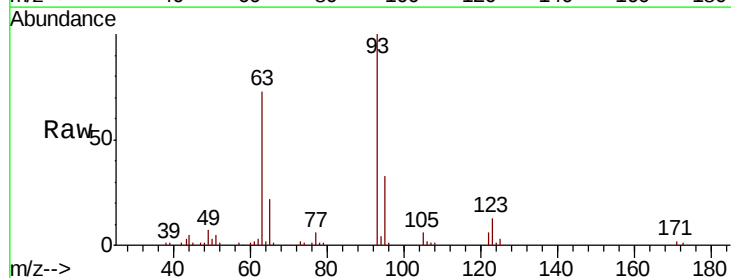
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

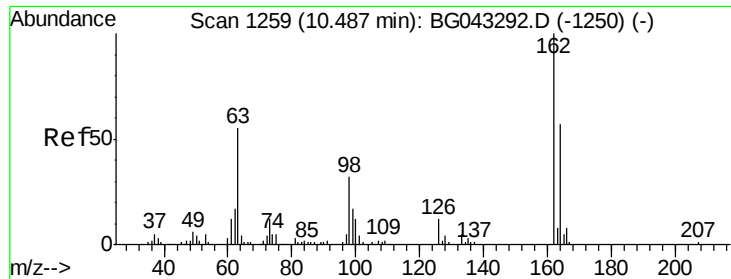
Tot Ion:122 Resp: 68231
Ion Ratio Lower Upper
122 100
107 123.8 104.4 156.6
121 60.6 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 28.719 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion: 93 Resp: 79861
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 12.9 10.6 15.8

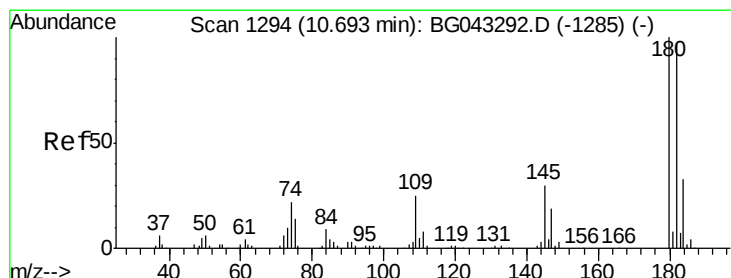
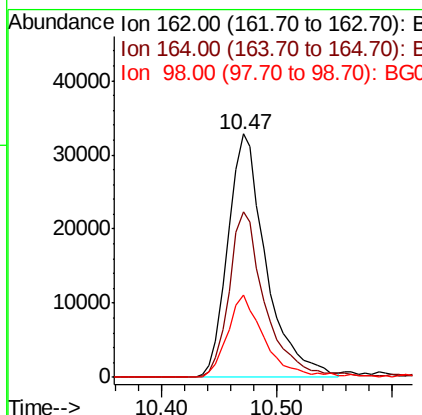
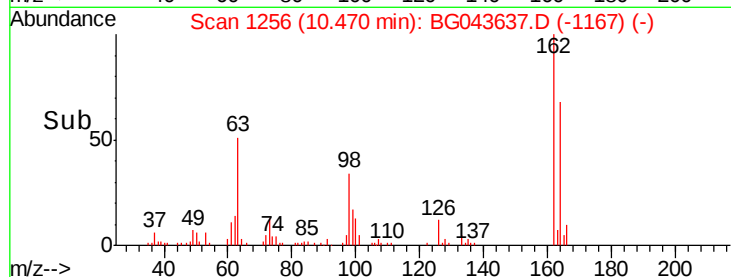
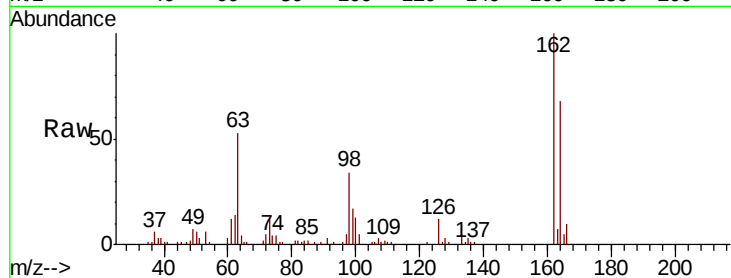




#29
2,4-Dichlorophenol
Concen: 32.282 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

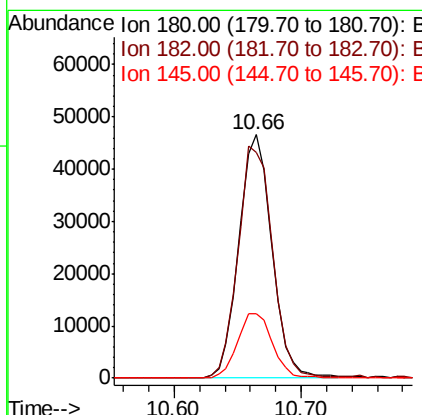
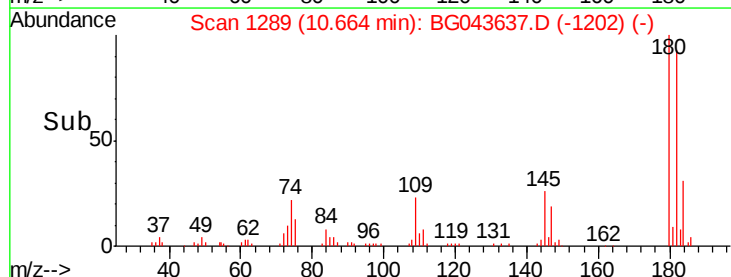
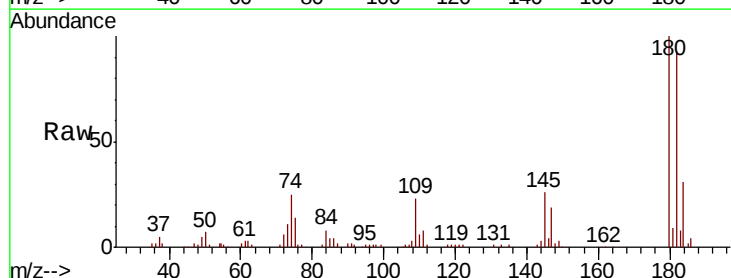
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

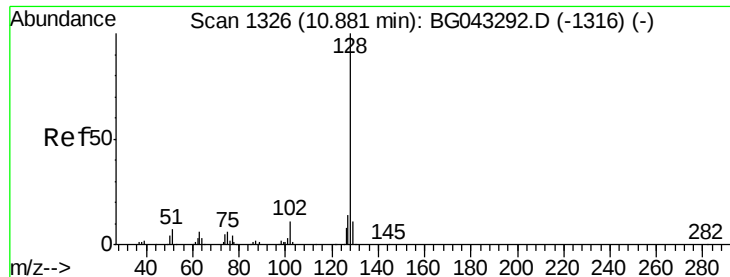
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	48.9	88.9
98	33.7	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 28.805 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.1	112.7
145	26.3	23.9	35.9

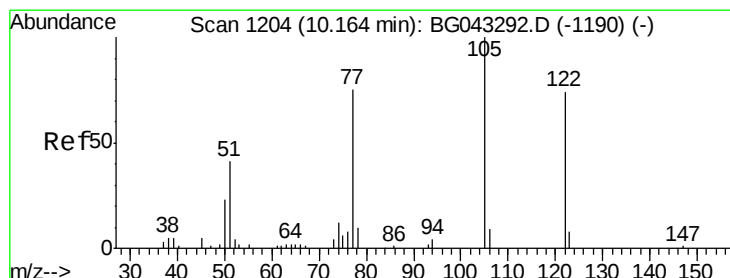
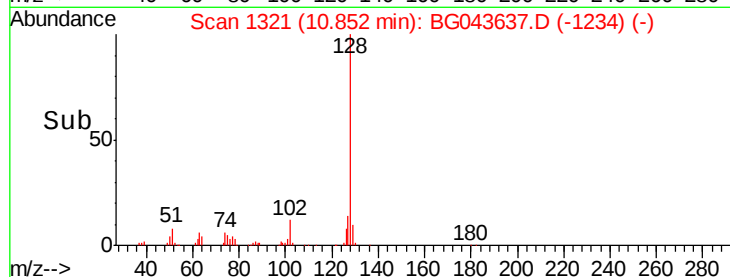
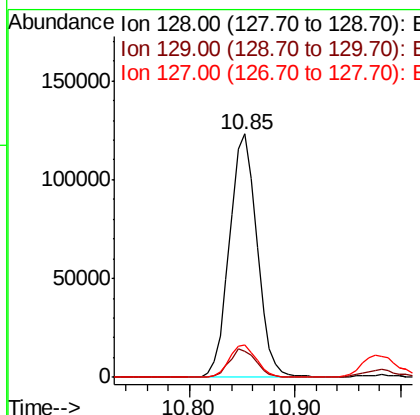
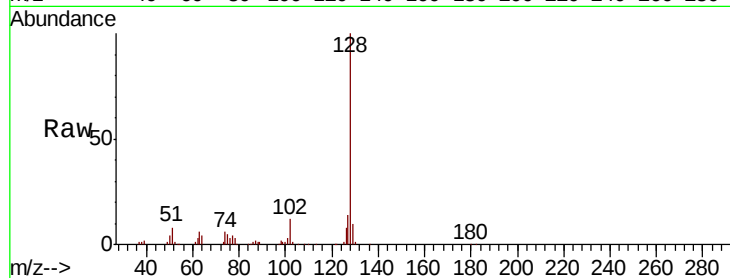




#31
Naphthalene
Concen: 30.825 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

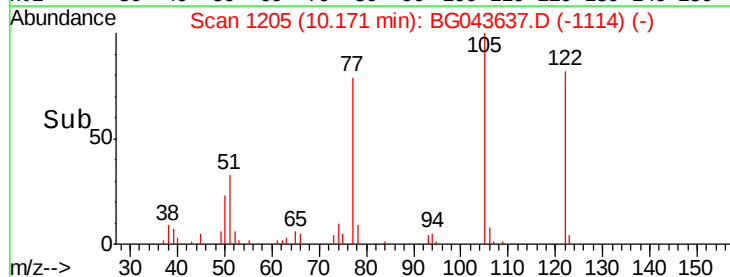
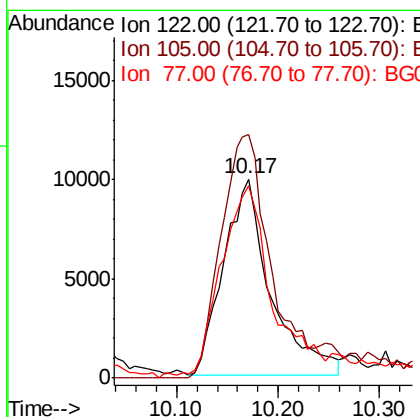
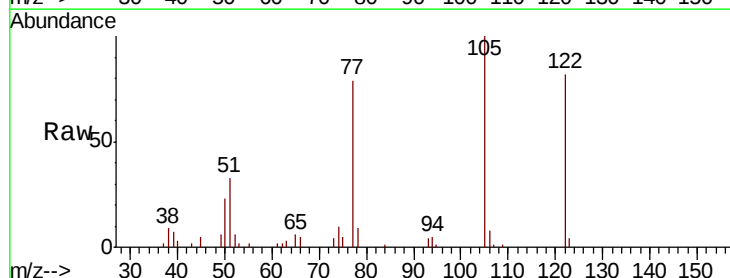
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

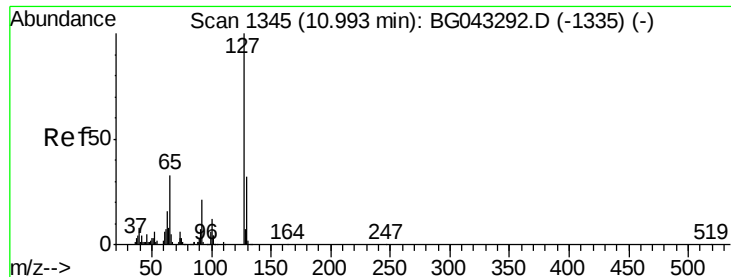
Tot Ion:128 Resp: 222299
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.0
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 27.700 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:122 Resp: 31880
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 96.8 84.9 124.9

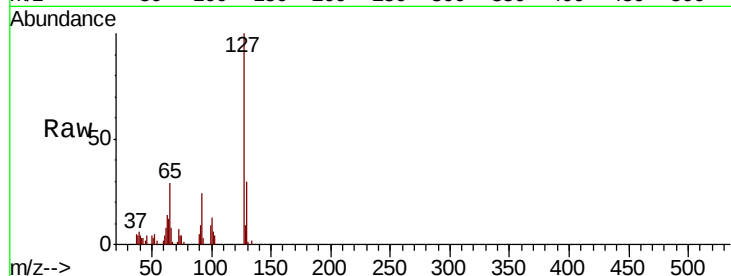




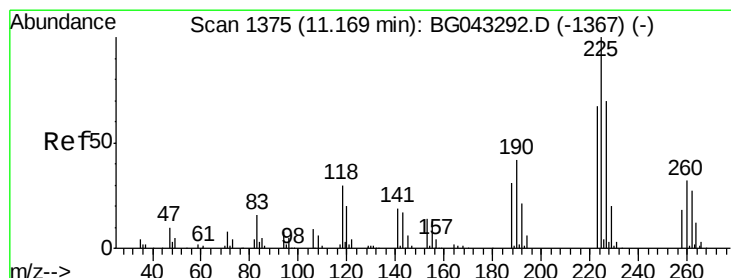
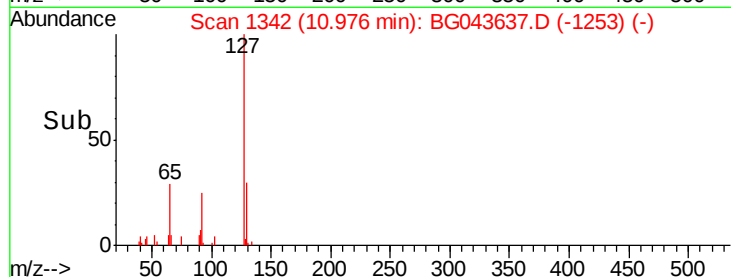
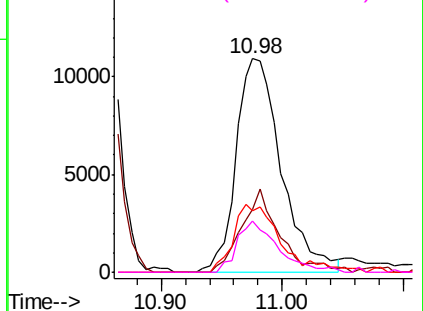
#33
4-Chloroaniline
Concen: 9.631 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

Tot Ion:127	Resp:	28470
Ion Ratio	Lower	Upper
127	100	
129	29.6	26.5 39.7
65	28.7	26.4 39.6
92	24.1	16.2 24.2

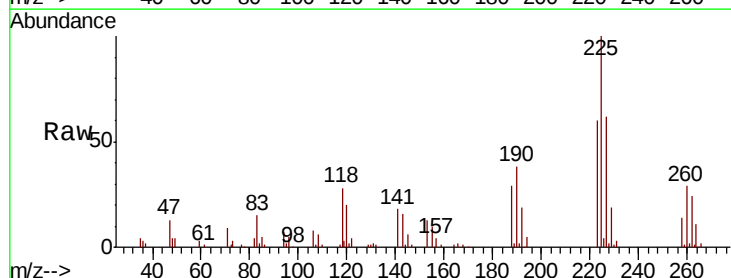


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

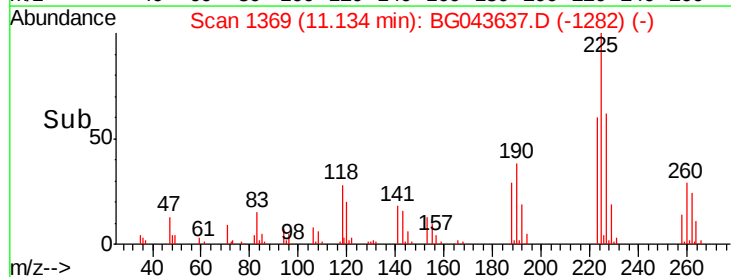
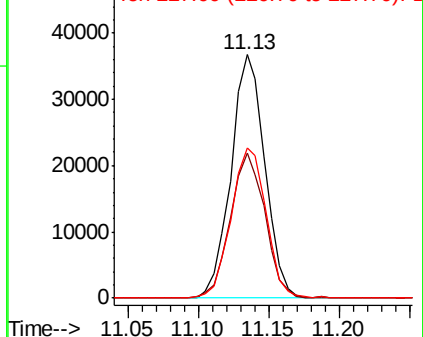


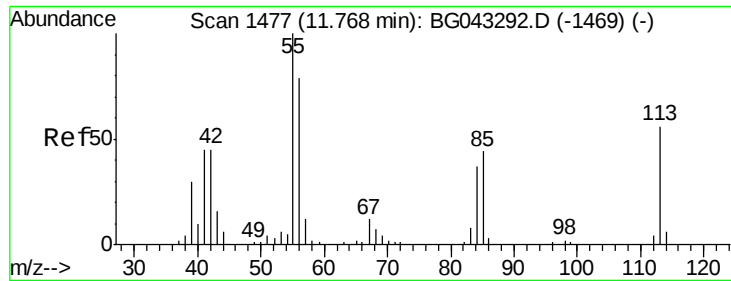
#34
Hexachlorobutadiene
Concen: 28.225 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:225	Resp:	61207
Ion Ratio	Lower	Upper
225	100	
223	59.8	52.7 79.1
227	61.5	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: 29.345 ng

RT: 11.73 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

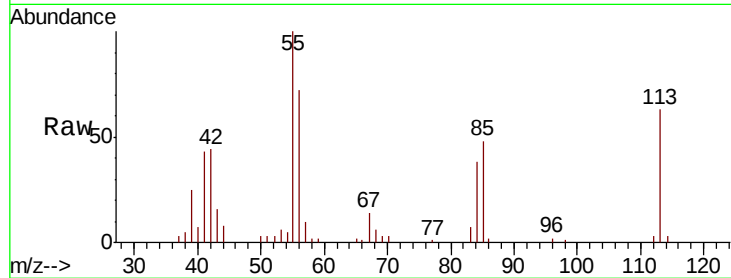
Tot Ion:113 Resp: 23523

Ion Ratio Lower Upper

113 100

55 159.8 134.1 174.1

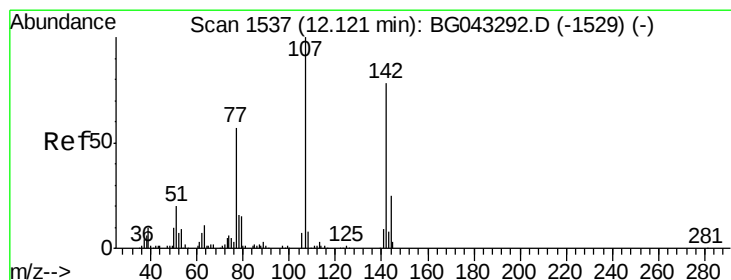
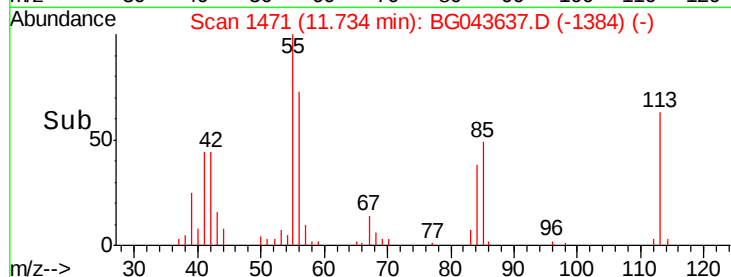
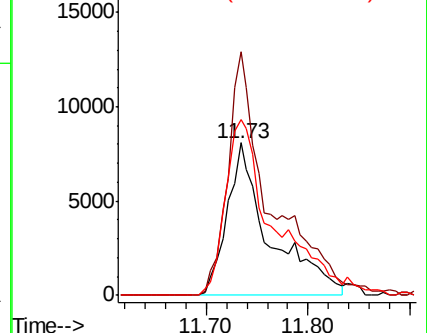
56 115.6 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 31.819 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

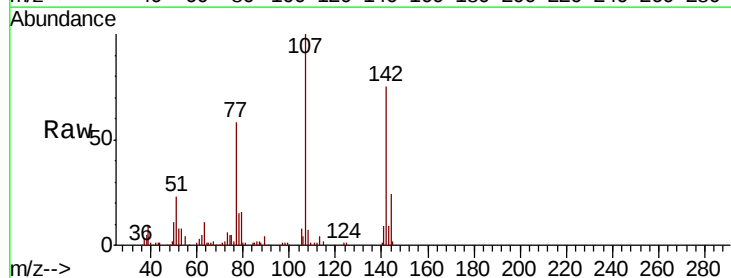
Tgt Ion:107 Resp: 80782

Ion Ratio Lower Upper

107 100

144 23.6 20.9 31.3

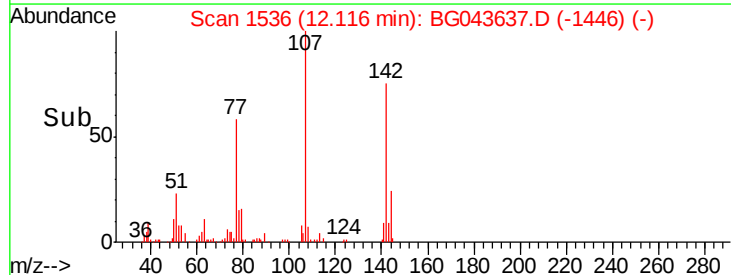
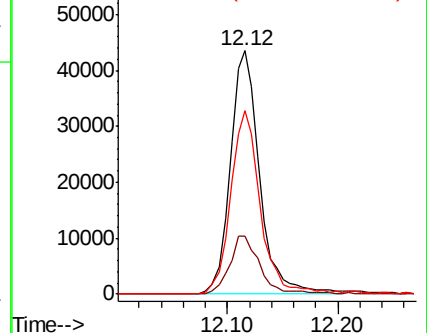
142 75.5 59.6 89.4

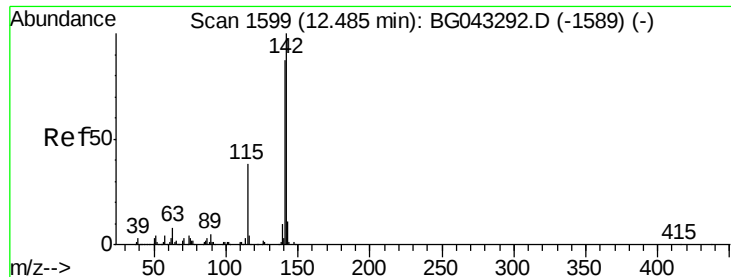


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

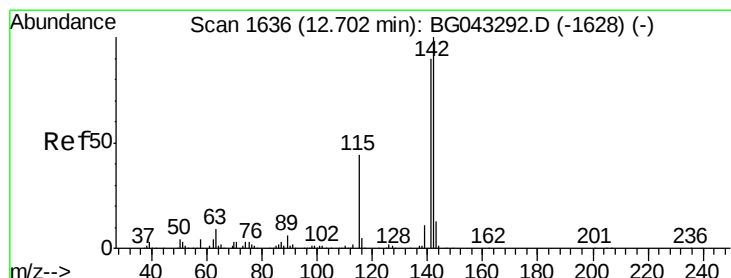
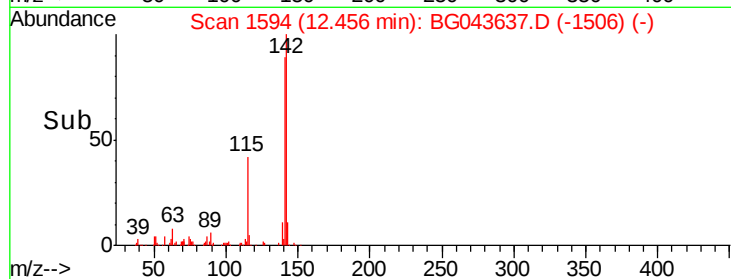
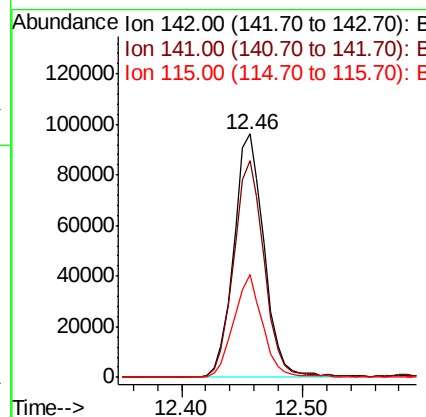
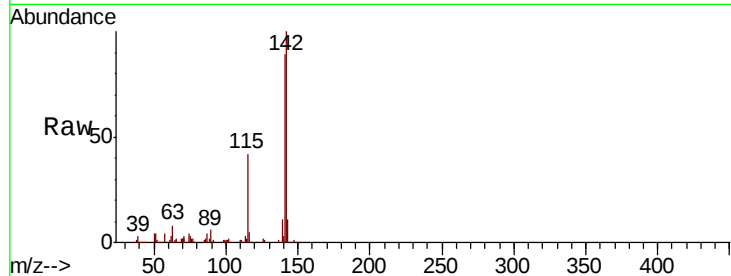




#37
 2-Methylnaphthalene
 Concen: 30.466 ng
 RT: 12.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

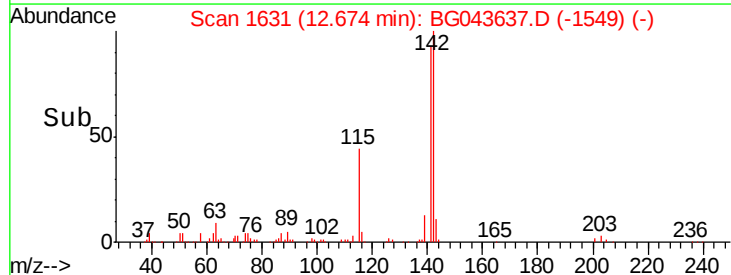
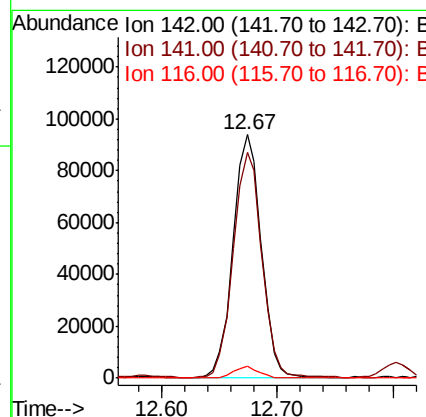
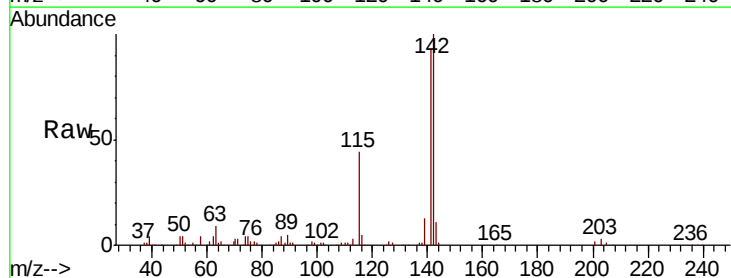
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

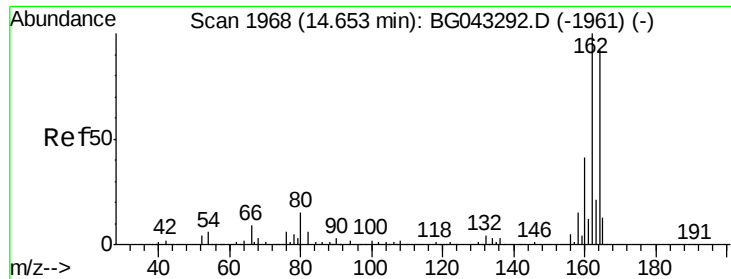
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2
115	42.5	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 30.367 ng
 RT: 12.67 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.2	109.8
116	4.9	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

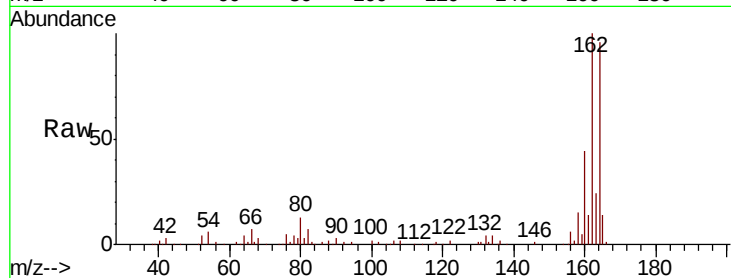
Tot Ion:164 Resp: 101024

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

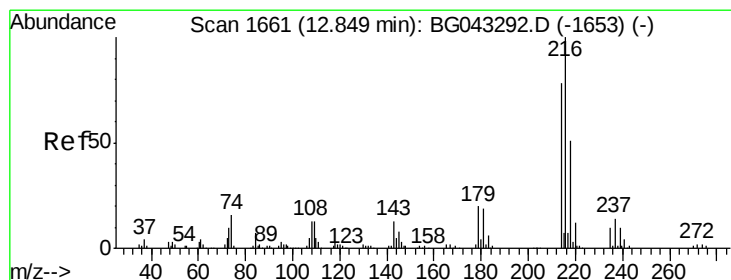
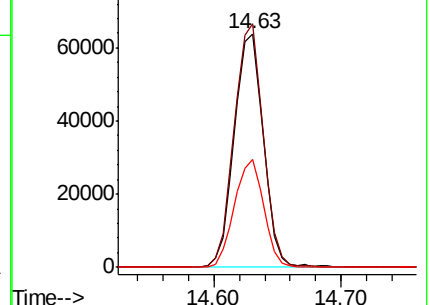
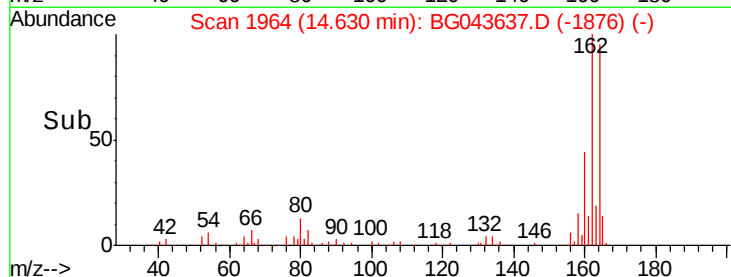
160 46.1 36.5 54.7



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: 29.562 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Tgt Ion:216 Resp: 110525

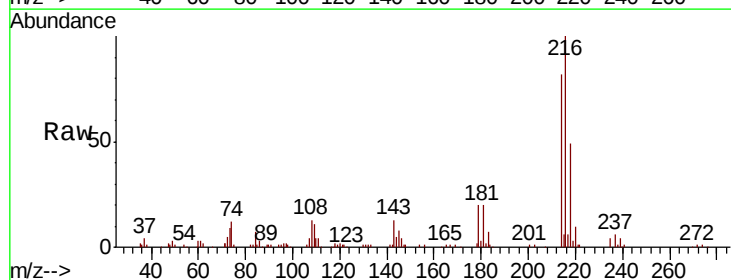
Ion Ratio Lower Upper

216 100

214 77.1 61.7 92.5

179 19.5 15.8 23.8

108 15.2 11.5 17.3

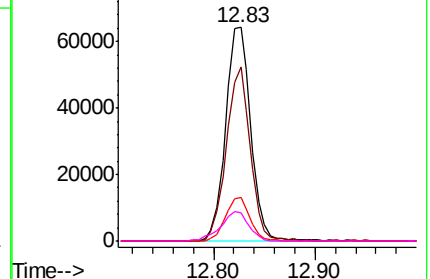
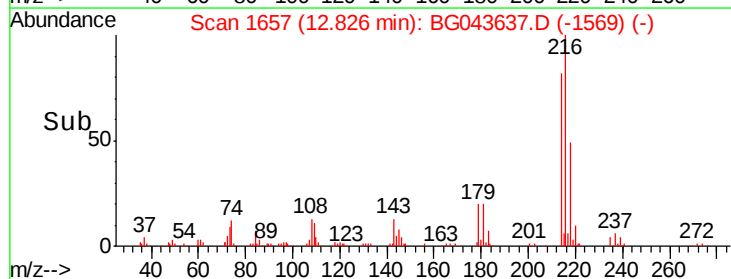


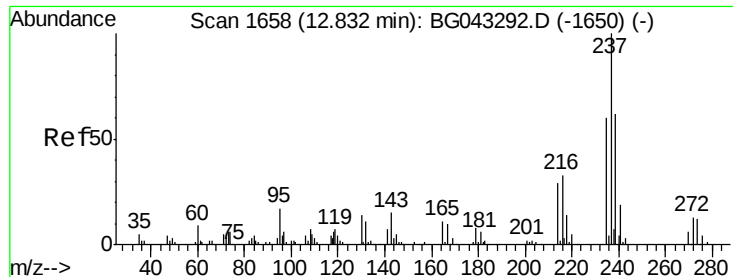
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.995 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

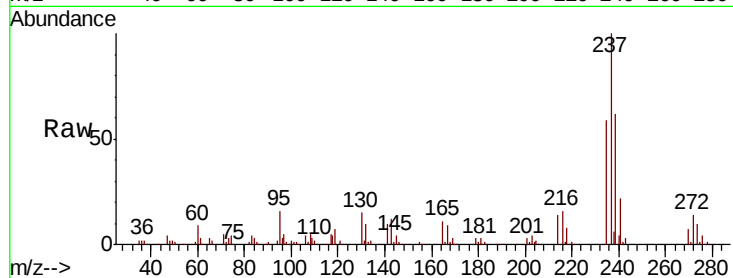
Tot Ion:237 Resp: 94262

Ion Ratio Lower Upper

237 100

235 59.5 41.6 81.6

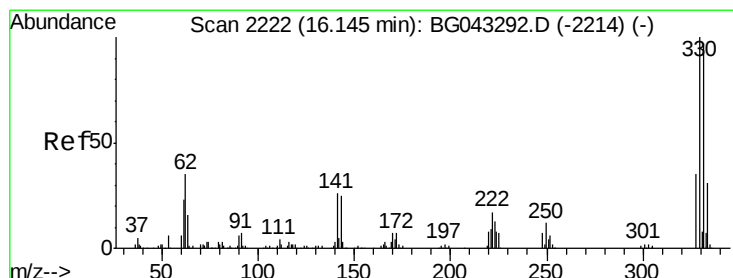
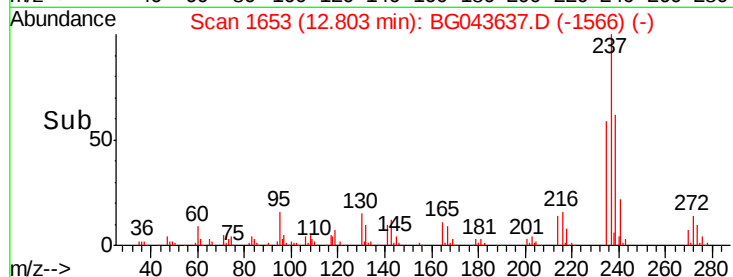
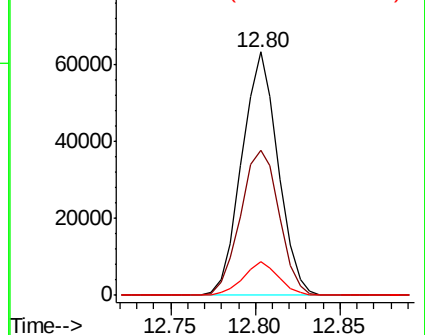
272 13.7 0.0 32.5



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: 72.207 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

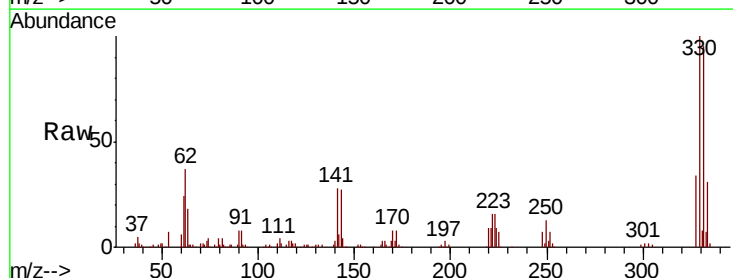
Tgt Ion:330 Resp: 138817

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

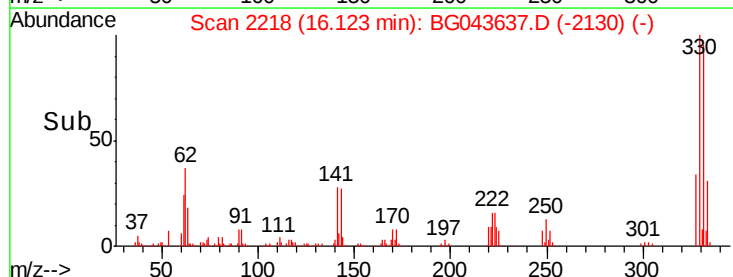
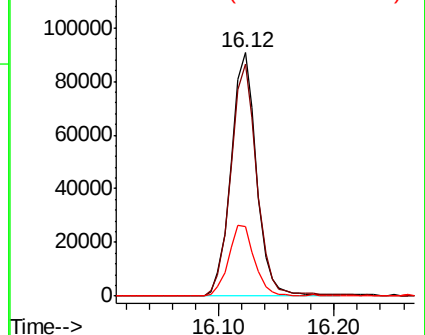
141 29.8 22.8 34.2

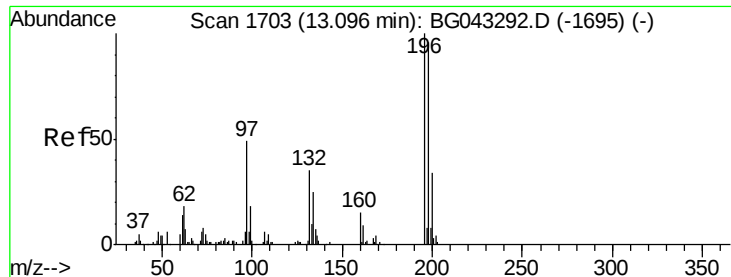


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

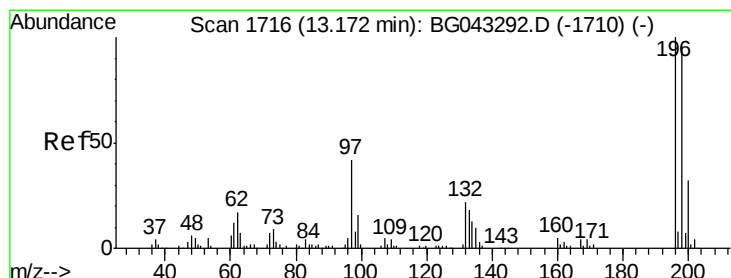
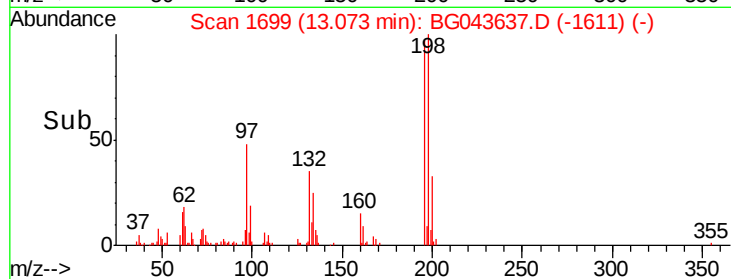
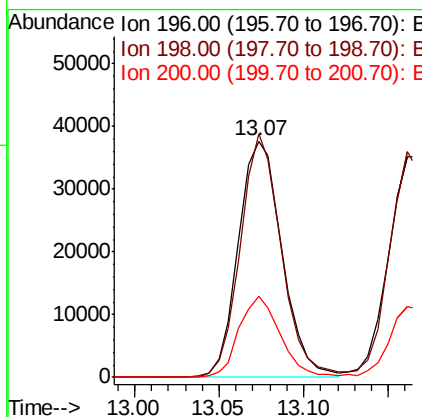
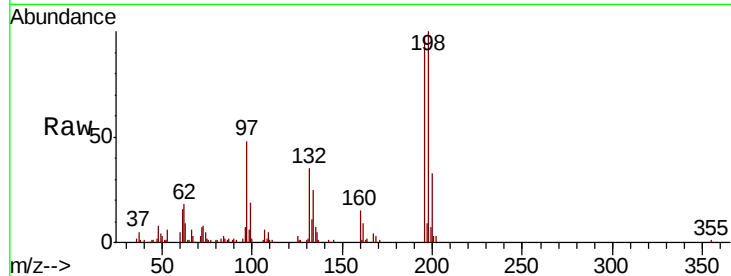




#43
 2,4,6-Trichlorophenol
 Concen: 30.784 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

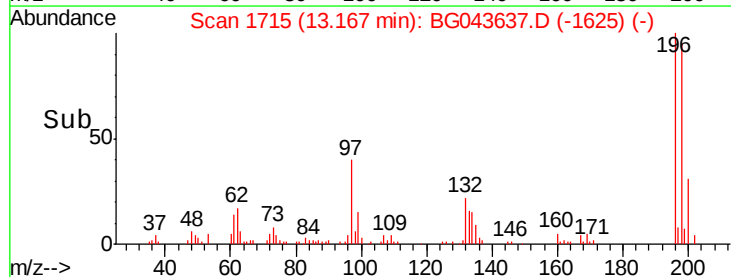
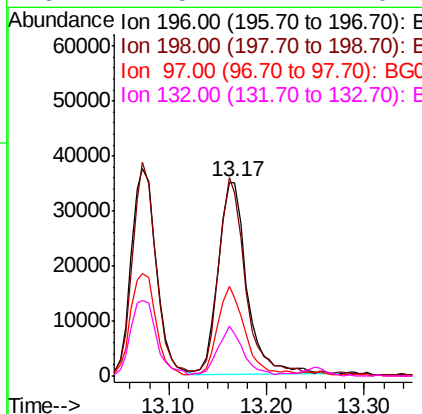
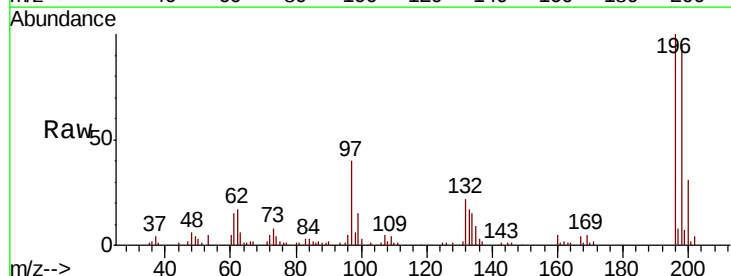
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

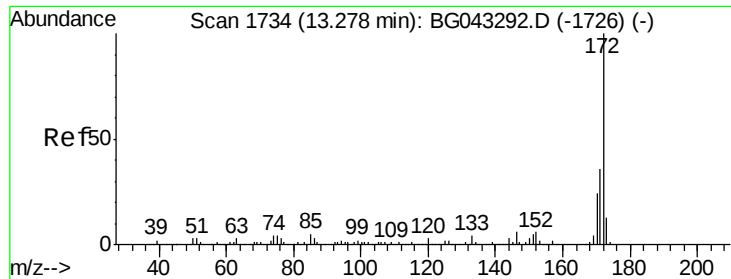
Tot Ion:196 Resp: 67780
 Ion Ratio Lower Upper
 196 100
 198 103.0 75.8 113.6
 200 34.5 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 32.456 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:196 Resp: 72246
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.5 111.7
 97 40.0 36.3 54.5
 132 21.5 17.4 26.2

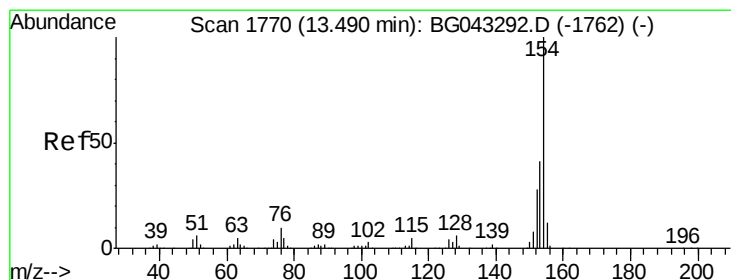
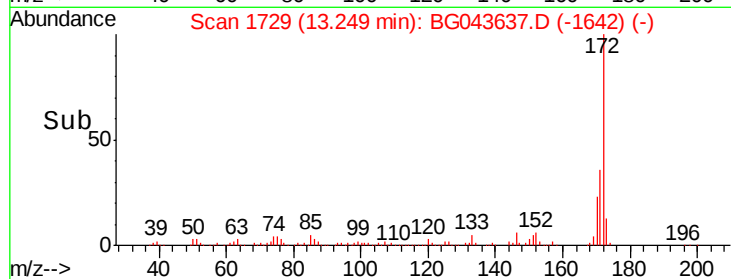
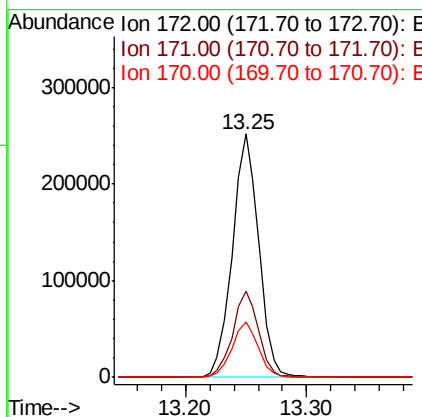
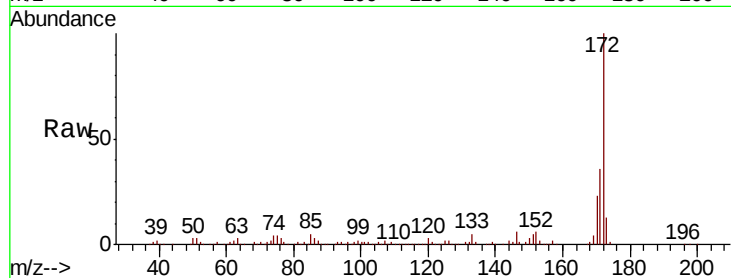




#45
2-Fluorobiphenyl
Concen: 52.202 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

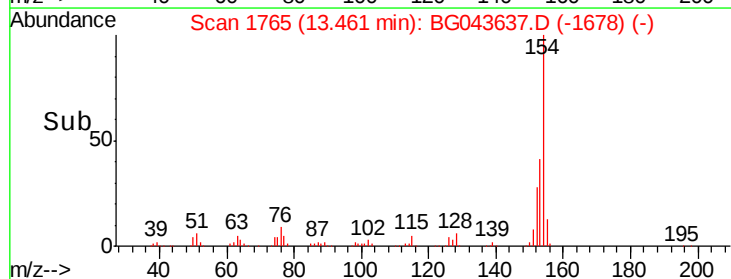
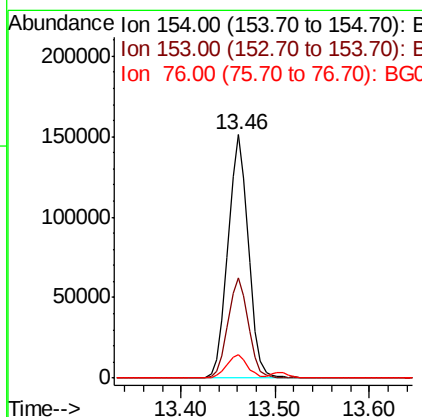
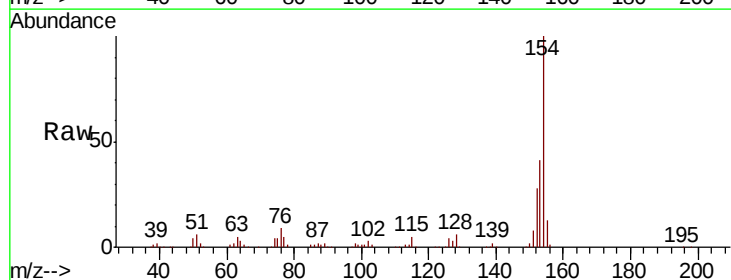
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

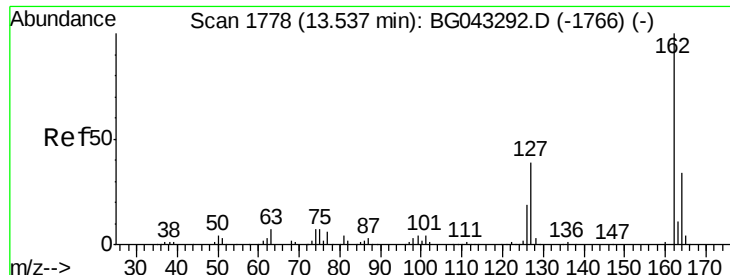
Tot Ion:172 Resp: 381653
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 29.811 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:154 Resp: 229110
Ion Ratio Lower Upper
154 100
153 41.4 19.9 59.9
76 9.4 0.0 29.4

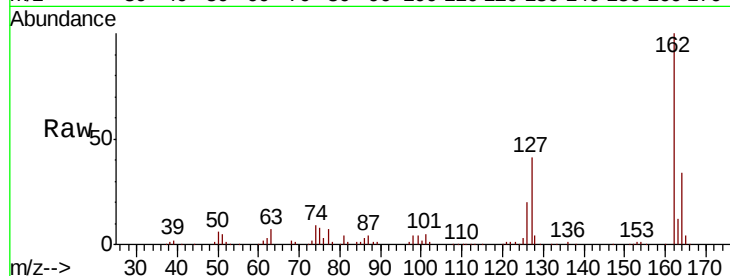




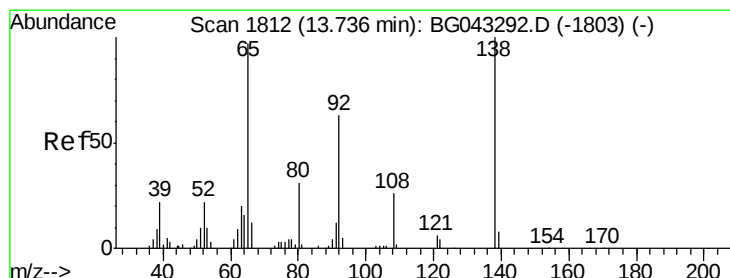
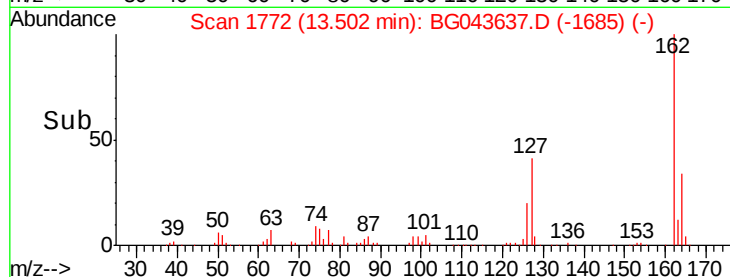
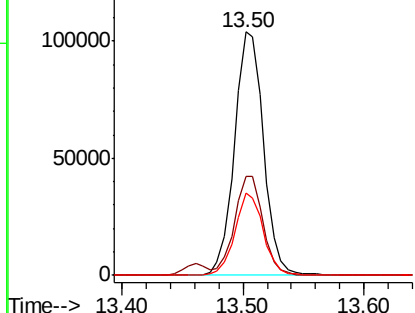
#47
2-Chloronaphthalene
Concen: 29.800 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

Tot Ion:162 Resp: 174259
Ion Ratio Lower Upper
162 100
127 40.5 31.2 46.8
164 34.0 25.8 38.8

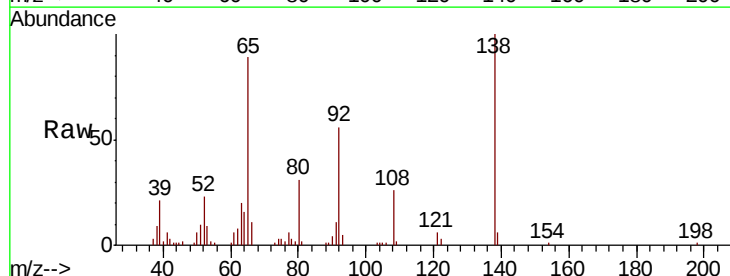


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

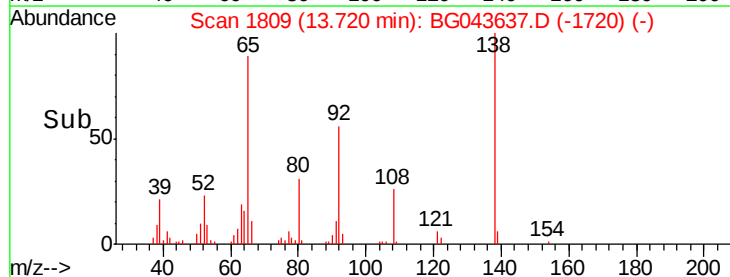
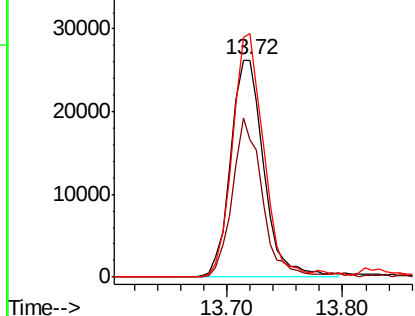


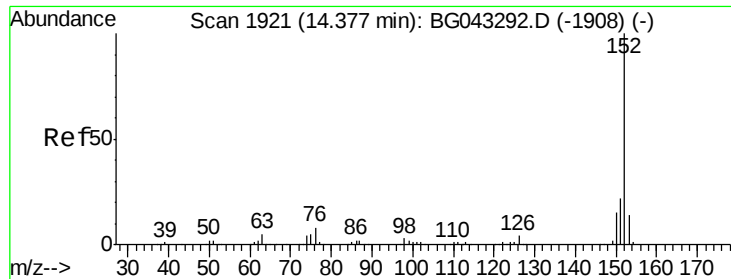
#48
2-Nitroaniline
Concen: 29.870 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion: 65 Resp: 52204
Ion Ratio Lower Upper
65 100
92 63.0 56.2 84.2
138 112.1 82.6 123.8



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





#49

Acenaphthylene

Concen: 31.777 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

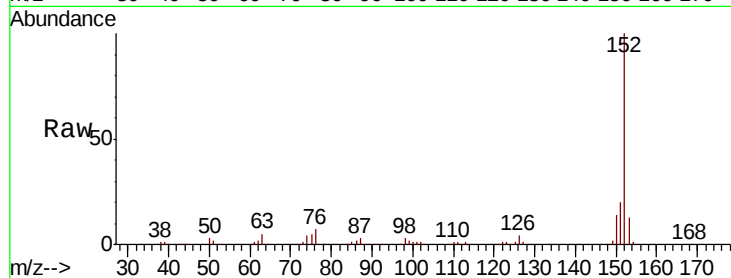
Tot Ion:152 Resp: 289200

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

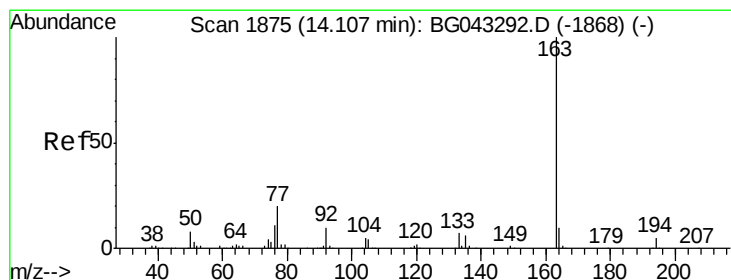
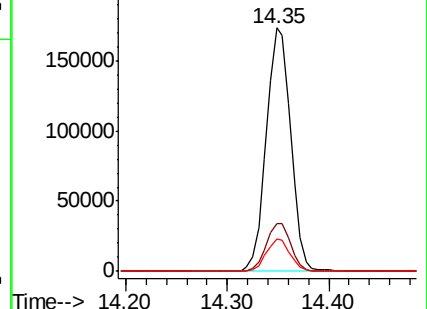
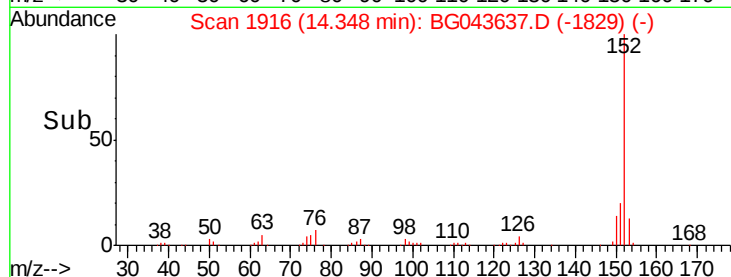
153 13.4 10.6 15.8



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



#50

Dimethylphthalate

Concen: 35.459 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

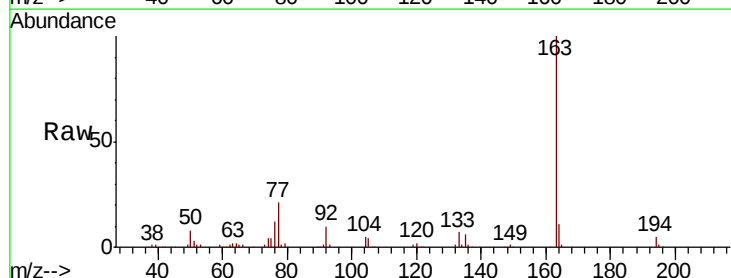
Tgt Ion:163 Resp: 277469

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

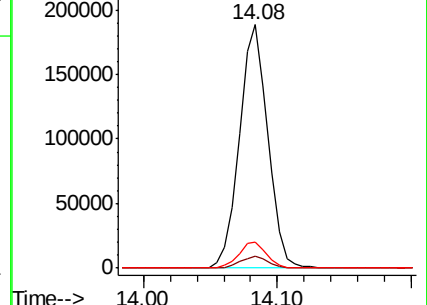
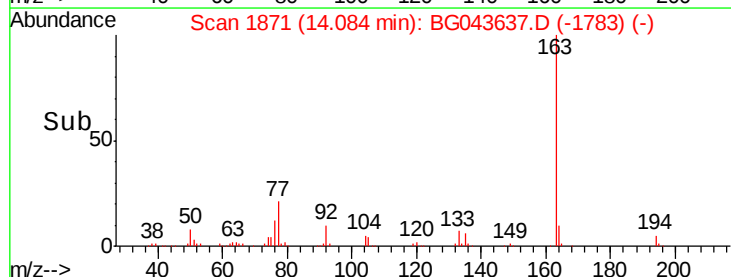
164 10.5 8.9 13.3

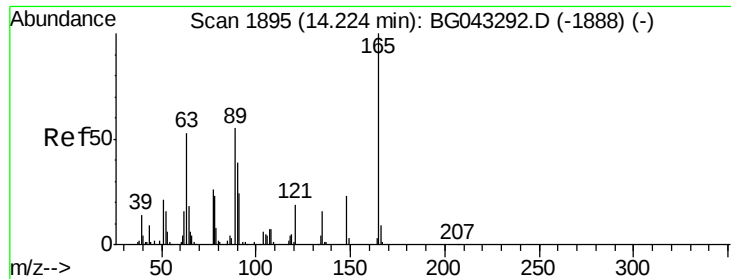


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

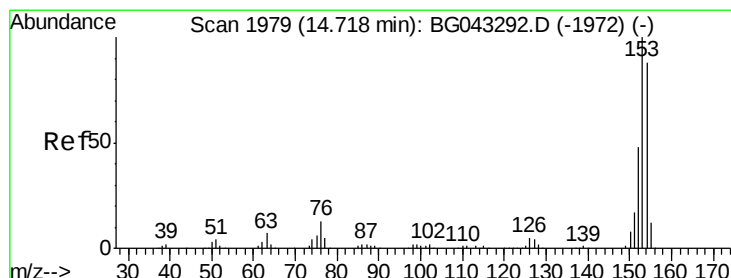
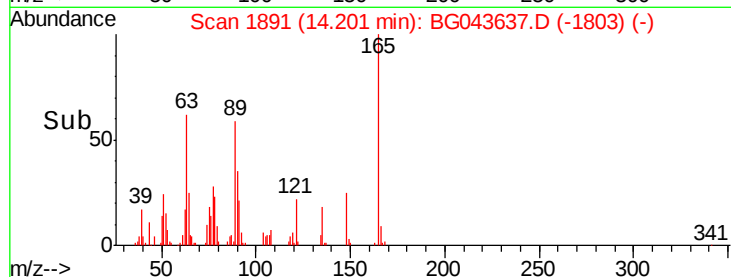
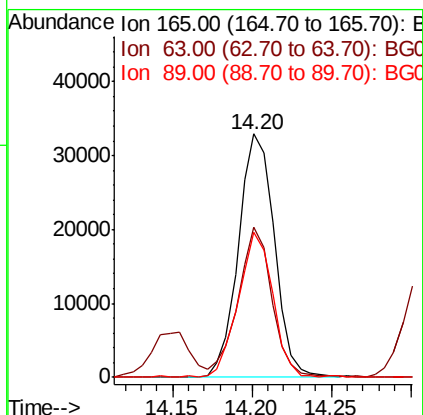
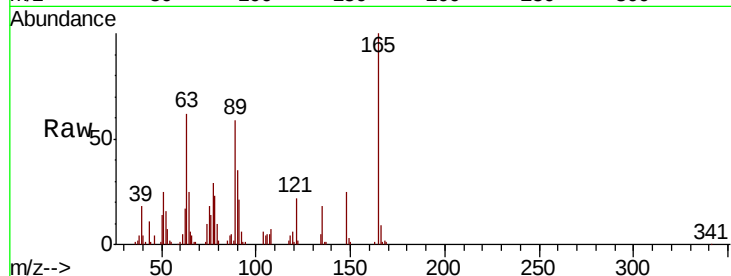




#51
2,6-Dinitrotoluene
Concen: 30.486 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

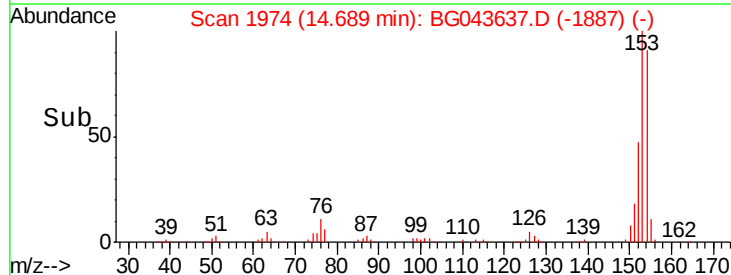
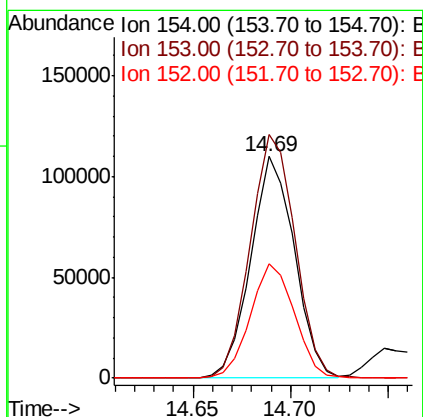
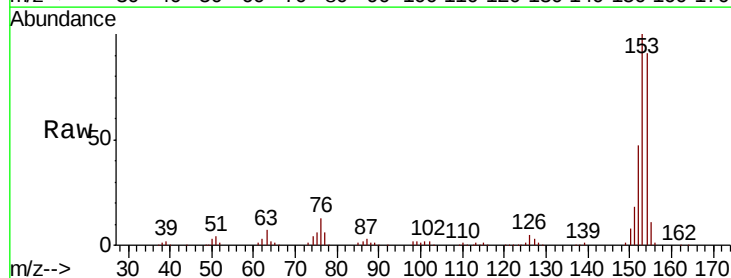
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

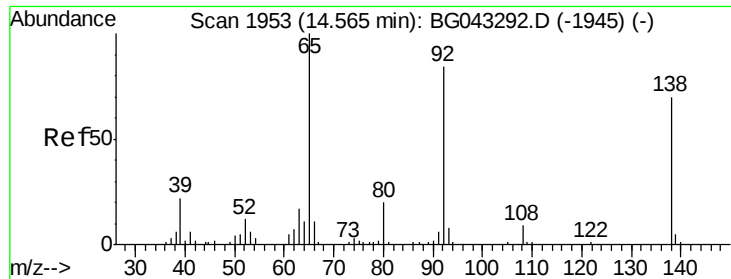
Tot Ion:165 Resp: 51826
Ion Ratio Lower Upper
165 100
63 61.7 46.6 69.8
89 59.5 45.1 67.7



#52
Acenaphthene
Concen: 30.694 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:154 Resp: 170353
Ion Ratio Lower Upper
154 100
153 110.0 88.2 132.2
152 51.9 40.0 60.0





#53

3-Nitroaniline

Concen: 15.046 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

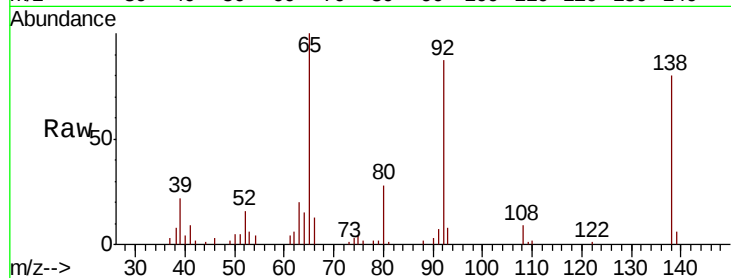
Tot Ion:138 Resp: 24695

Ion Ratio Lower Upper

138 100

108 10.9 8.0 12.0

92 109.0 90.9 136.3

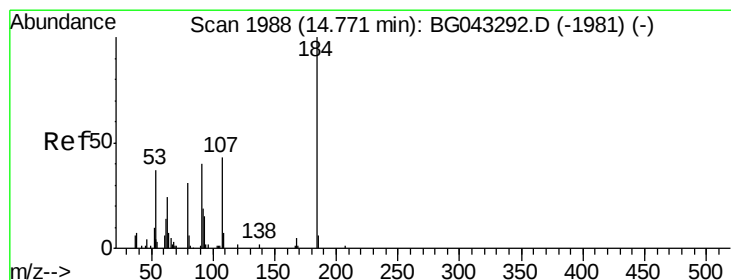
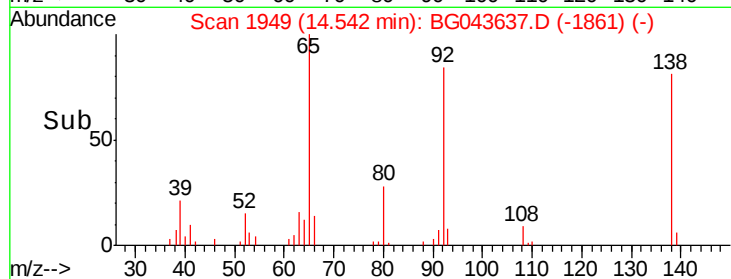
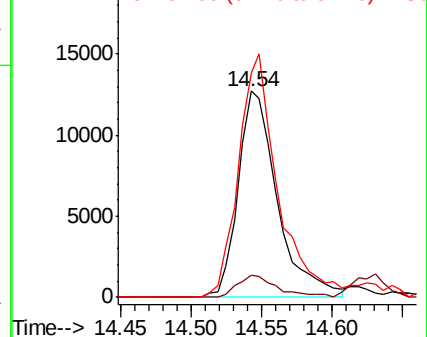


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 48.911 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

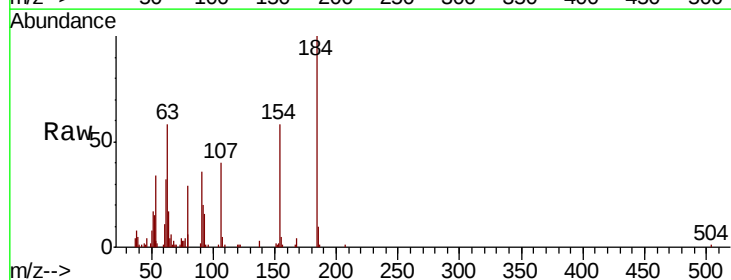
Tgt Ion:184 Resp: 48616

Ion Ratio Lower Upper

184 100

63 57.9 51.3 76.9

154 57.7 55.4 83.0

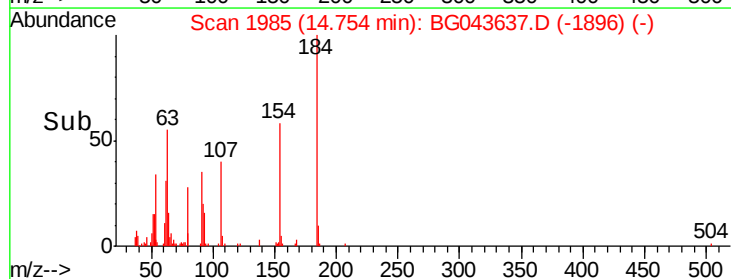
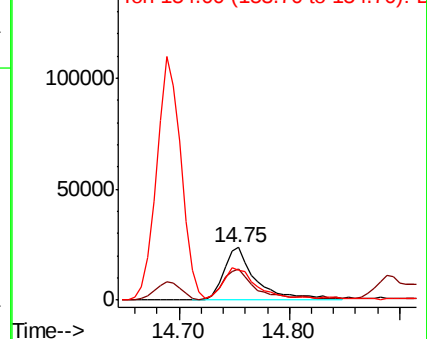


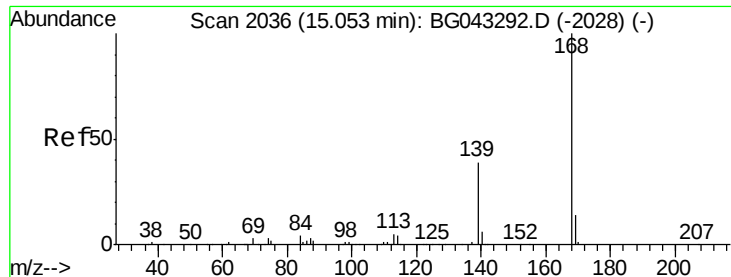
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

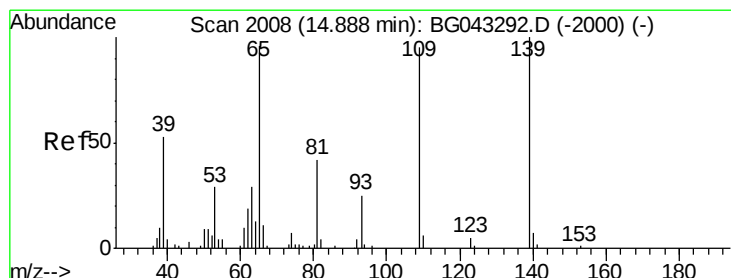
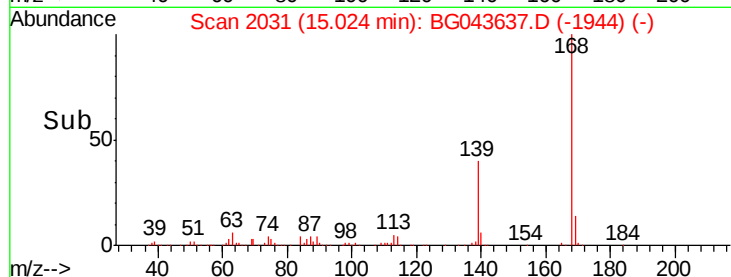
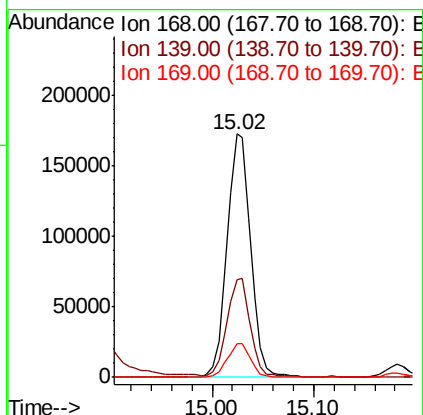
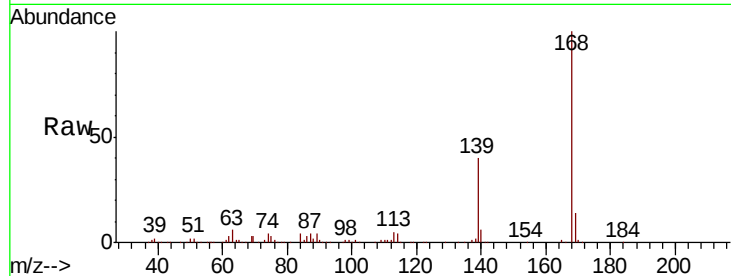




#55
Dibenzofuran
Concen: 30.903 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

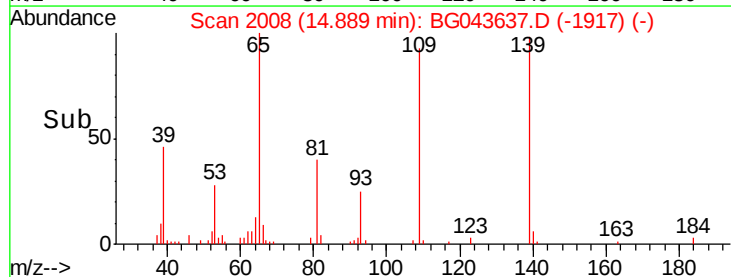
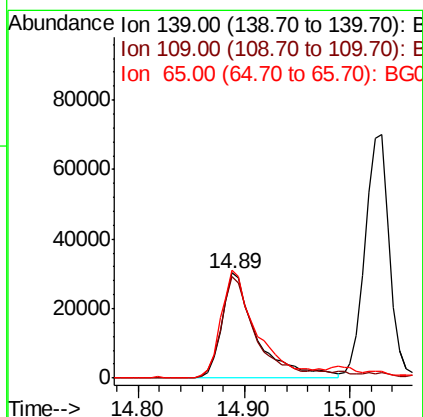
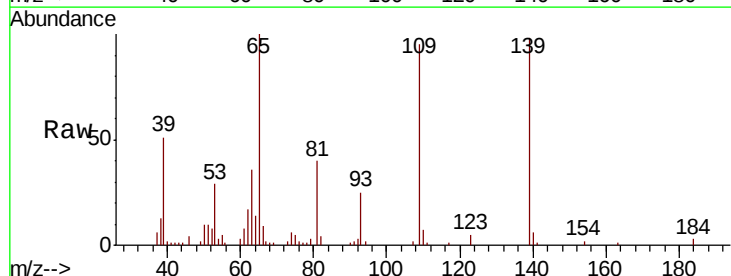
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

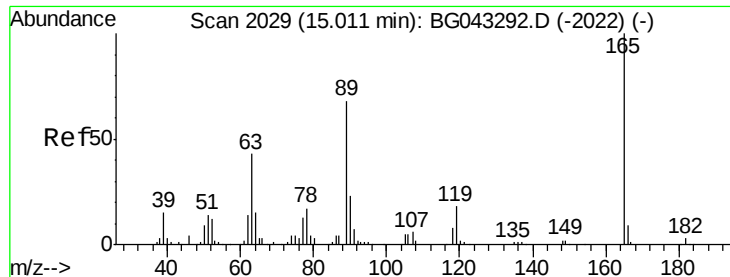
Tot Ion:168 Resp: 278135
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.6
169 13.9 11.7 17.5



#56
4-Nitrophenol
Concen: 62.785 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:139 Resp: 69056
Ion Ratio Lower Upper
139 100
109 96.8 87.2 127.2
65 102.3 83.8 123.8

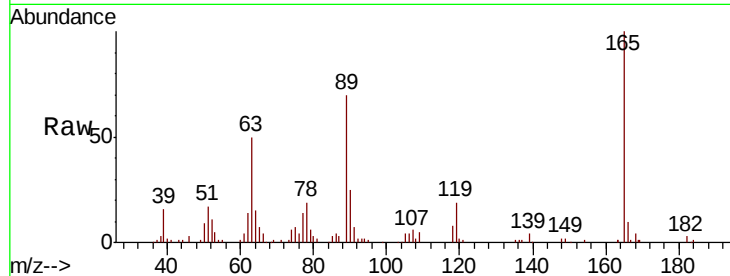




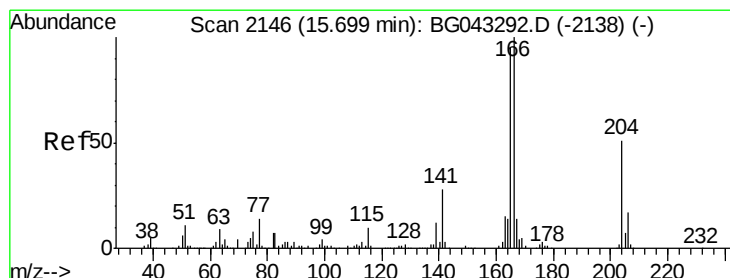
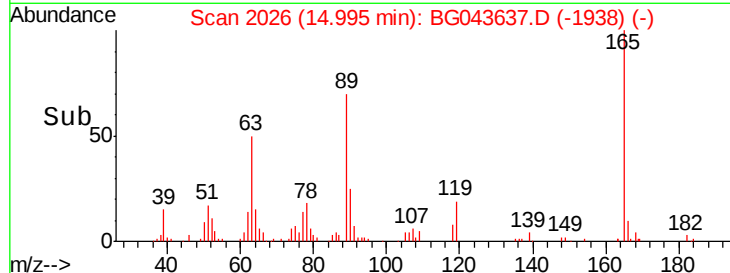
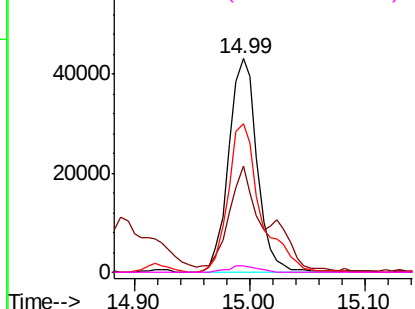
#57
2,4-Dinitrotoluene
Concen: 30.226 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

Tot Ion:165 Resp: 73432
Ion Ratio Lower Upper
165 100
63 49.5 33.2 49.8
89 69.6 52.2 78.4
182 3.1 2.0 3.0#

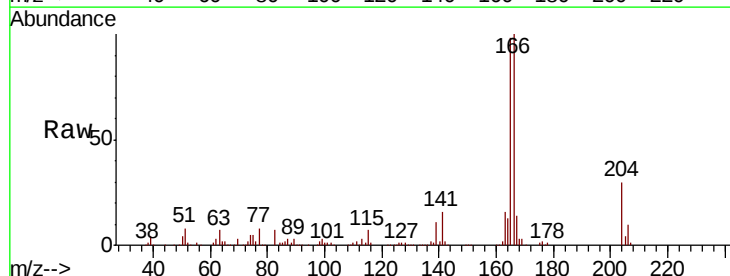


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

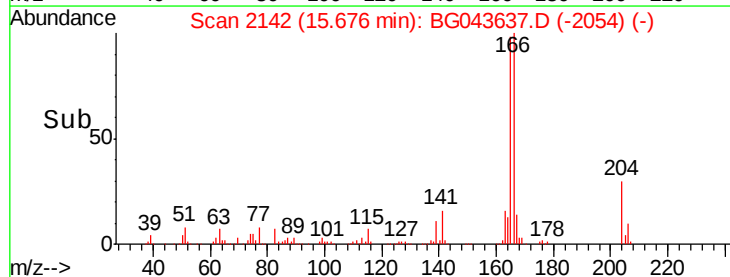
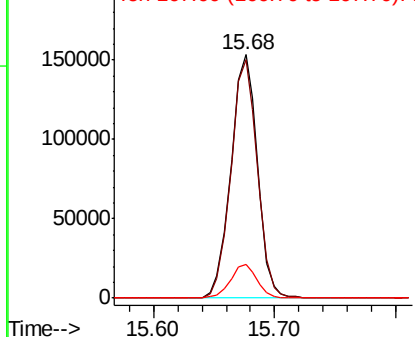


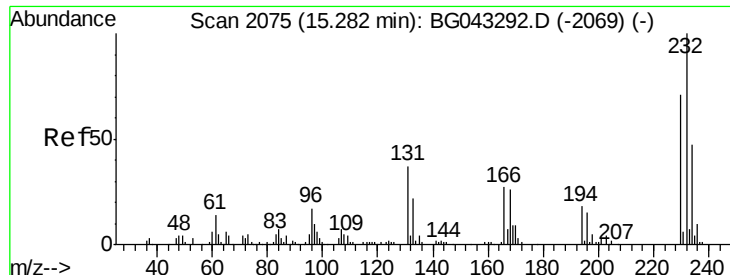
#58
Fluorene
Concen: 30.979 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:166 Resp: 233849
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.6 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

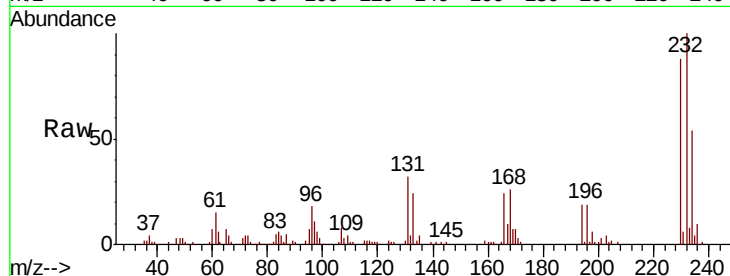




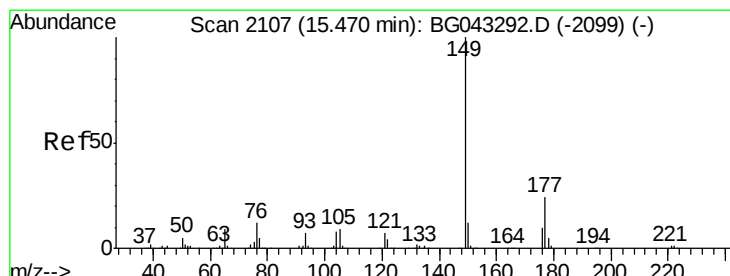
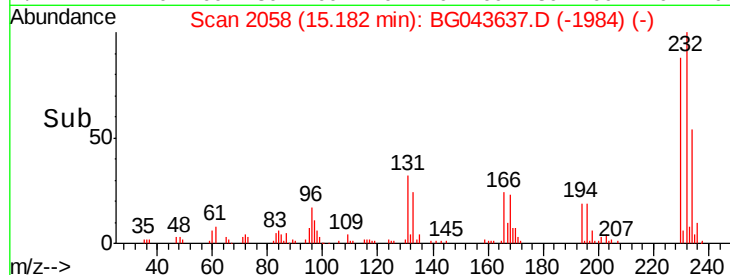
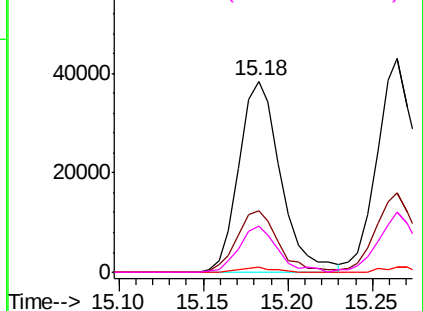
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 27.902 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.09 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

Tot Ion:	232	Resp:	65988
Ion	Ratio	Lower	Upper
232	100		
131	32.3	26.9	40.3
130	2.0	1.8	2.6
166	22.3	20.9	31.3

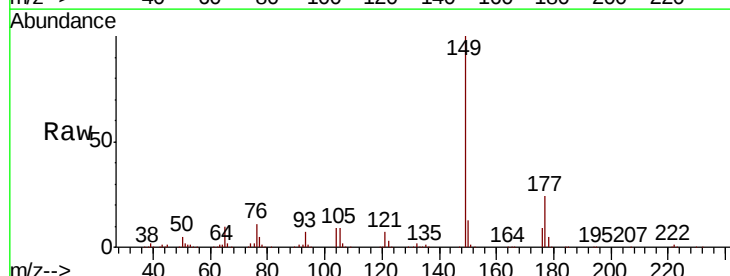


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

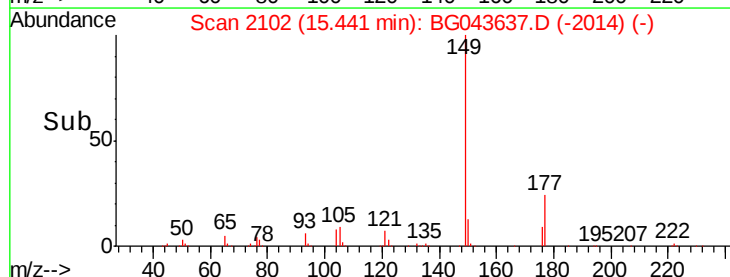
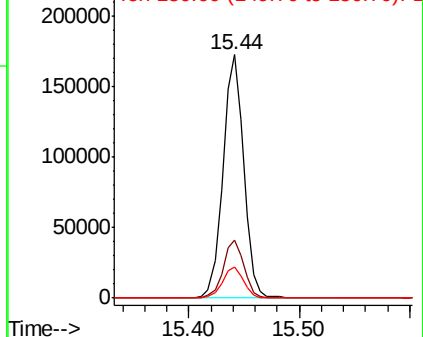


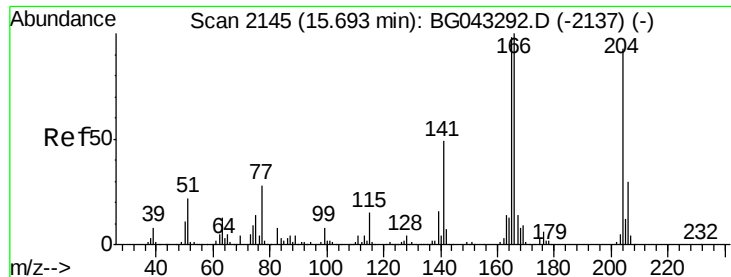
#60
 Diethylphthalate
 Concen: 28.781 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:	149	Resp:	226290
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.6	29.4
150	12.6	10.8	16.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

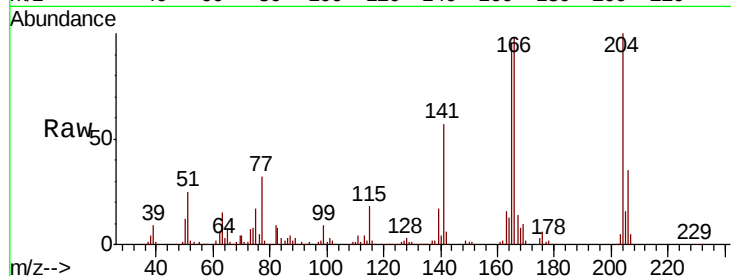




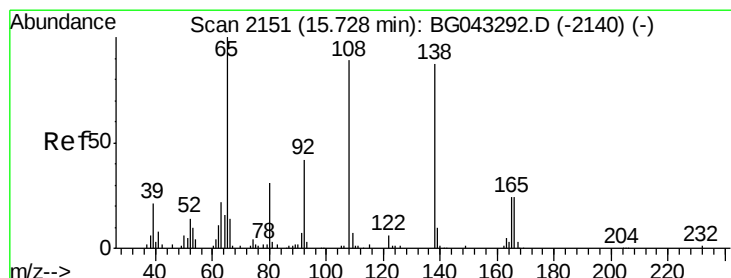
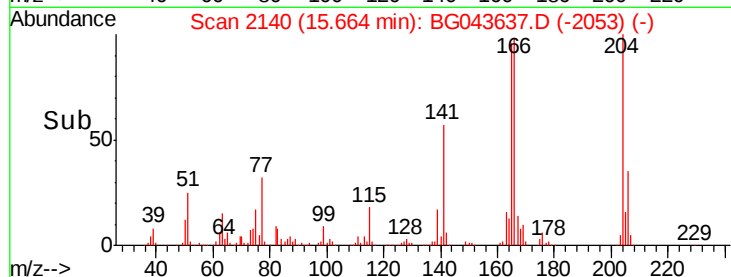
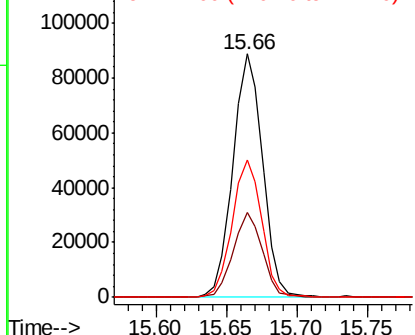
#61
 4-Chlorophenyl-phenylether
 Concen: 29.596 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

Tot Ion:204 Resp: 130334
 Ion Ratio Lower Upper
 204 100
 206 34.9 28.4 42.6
 141 56.6 43.0 64.6

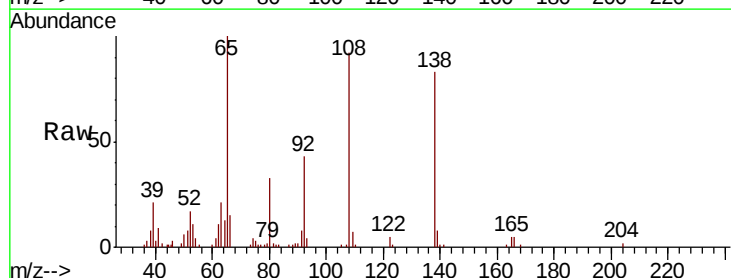


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

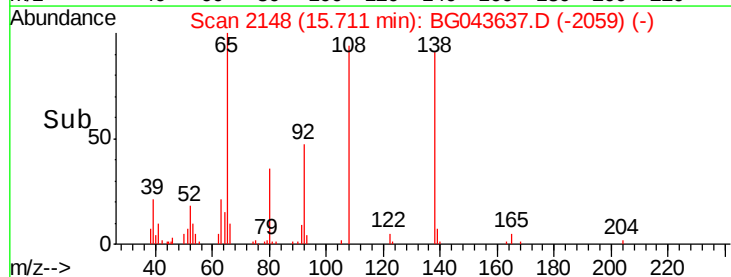
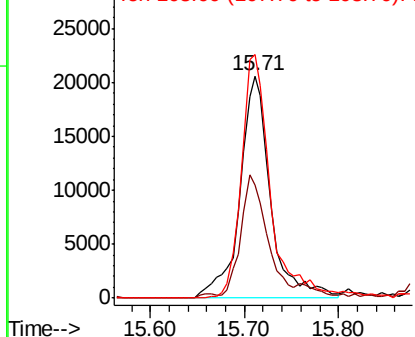


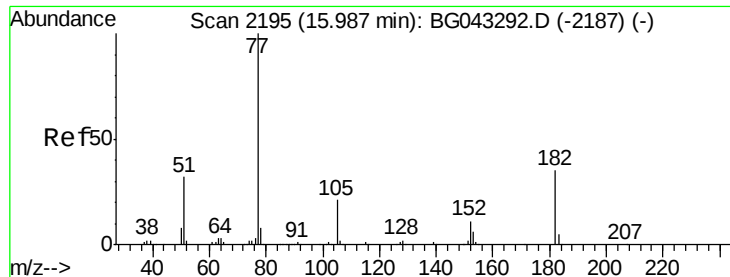
#62
 4-Nitroaniline
 Concen: 27.433 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:138 Resp: 46499
 Ion Ratio Lower Upper
 138 100
 92 51.2 33.4 73.4
 108 109.8 78.0 118.0



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





#63

Azobenzene

Concen: 30.804 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

Tot Ion: 77 Resp: 196010

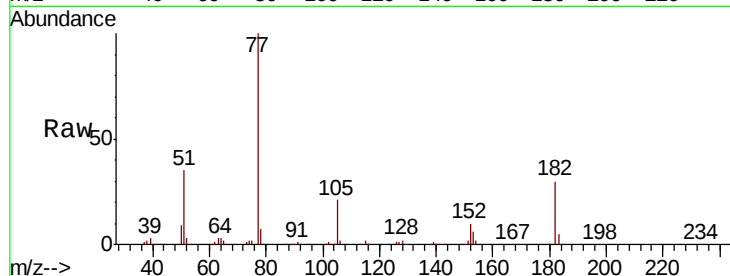
Ion Ratio Lower Upper

77 100

182 30.0 13.7 53.7

105 20.7 0.4 40.4

51 35.3 11.0 51.0

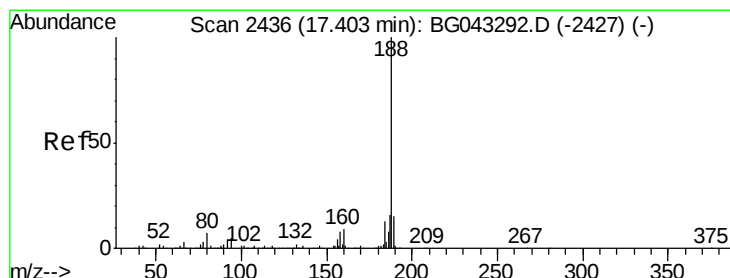
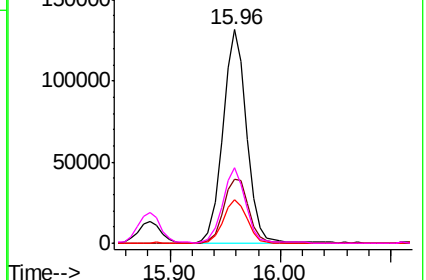
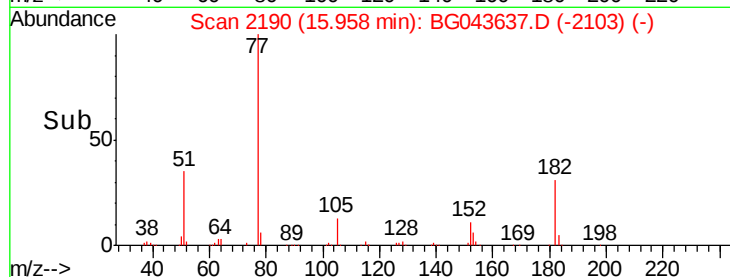


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043637.D

Acq: 14 Nov 2019 17:13

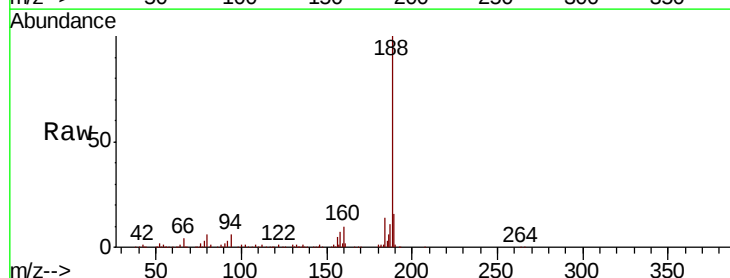
Tgt Ion: 188 Resp: 241679

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

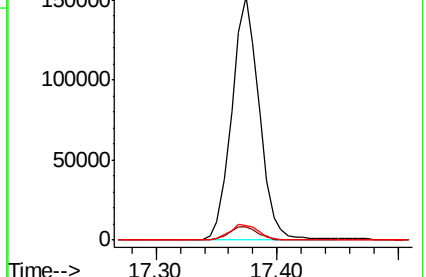
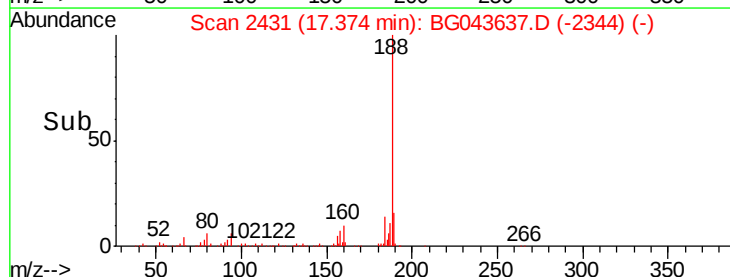
80 6.1 4.5 6.7

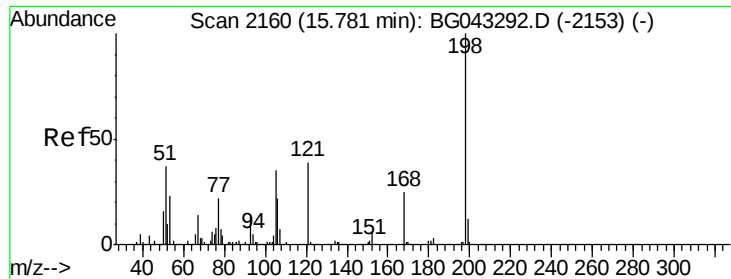


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

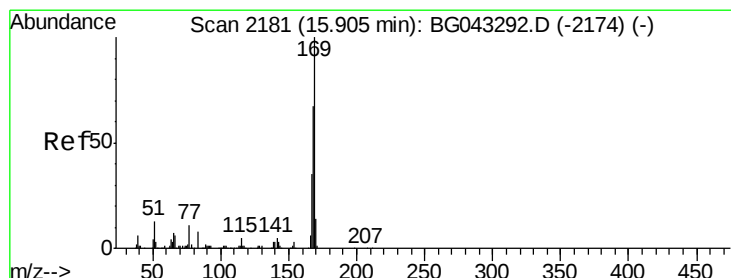
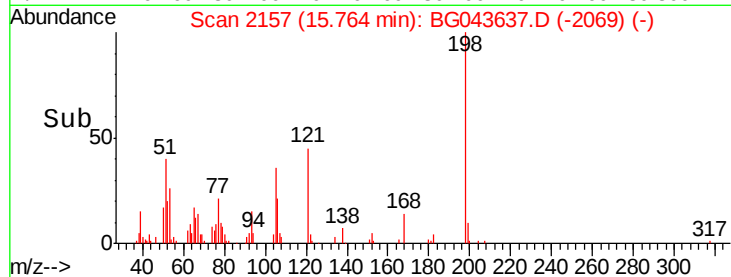
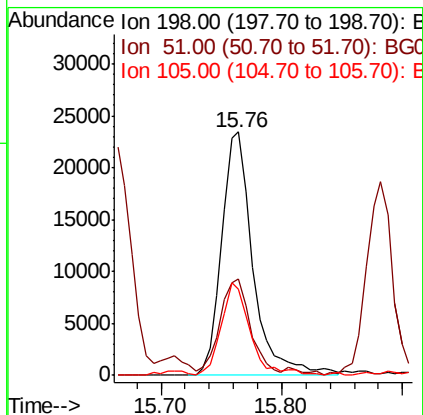
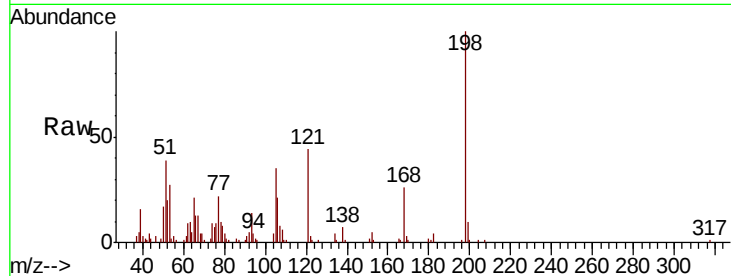




#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.614 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

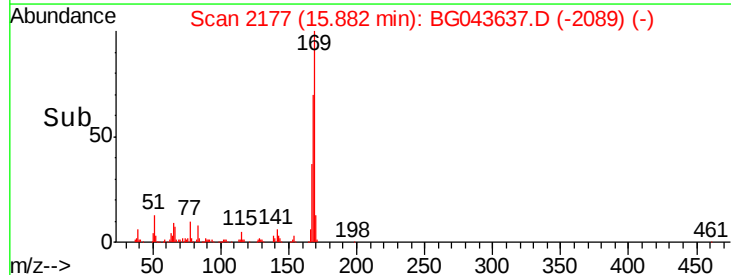
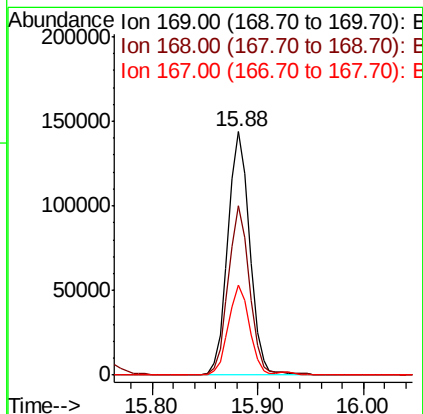
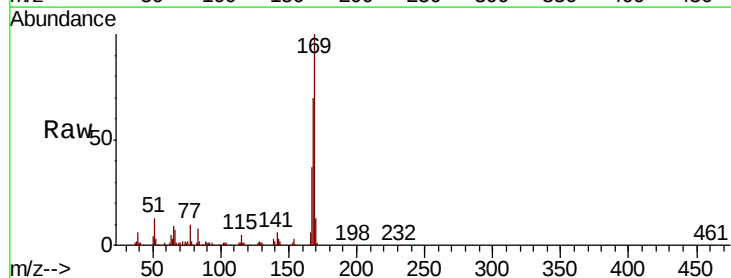
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

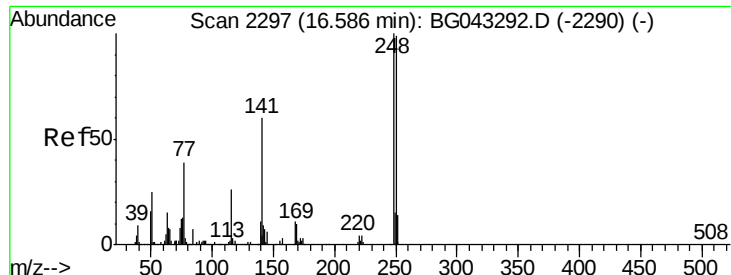
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.5	13.2	53.2
105	35.3	15.8	55.8



#66
 n-Nitrosodiphenylamine
 Concen: 30.094 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	53.8	80.6
167	37.0	27.5	41.3

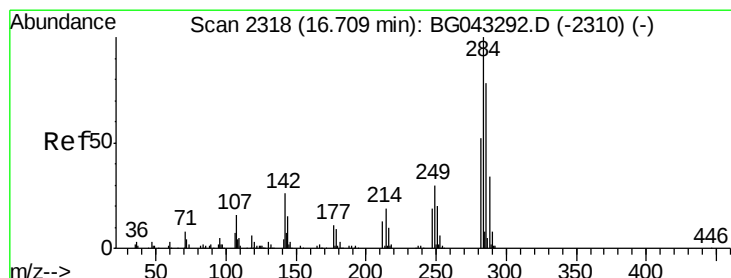
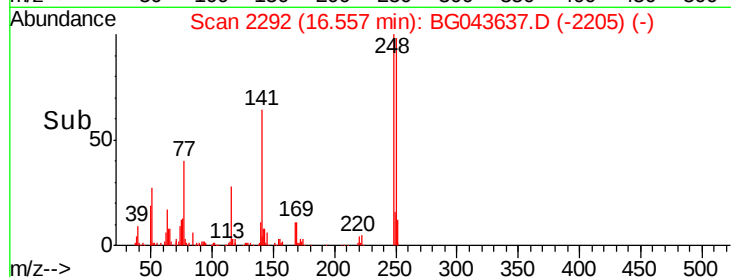
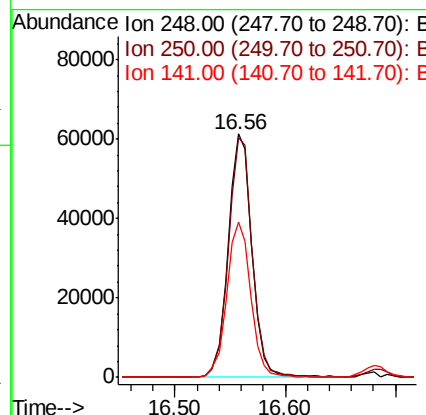
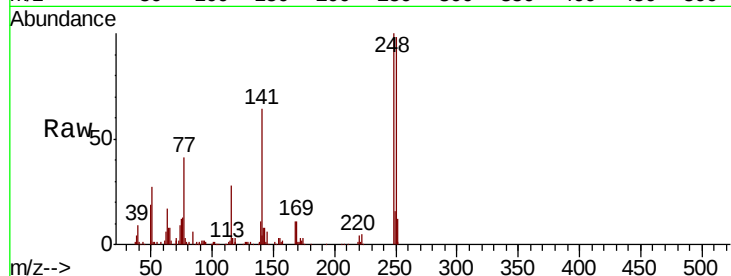




#67
 4-Bromophenyl-phenylether
 Concen: 28.378 ng
 RT: 16.56 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

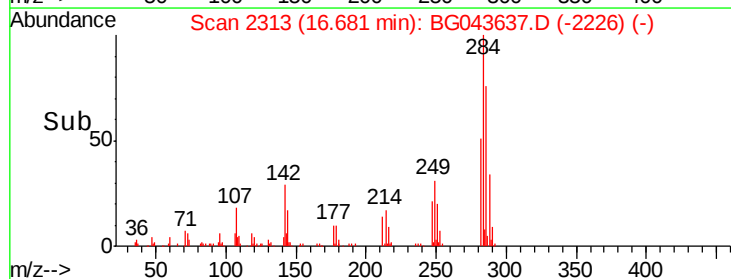
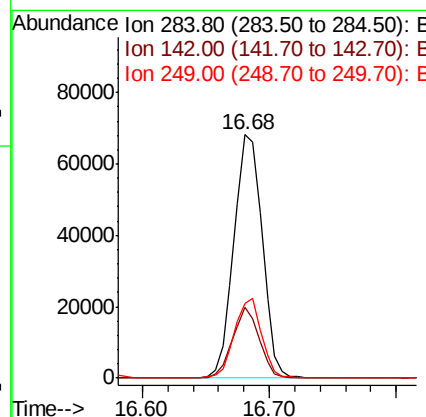
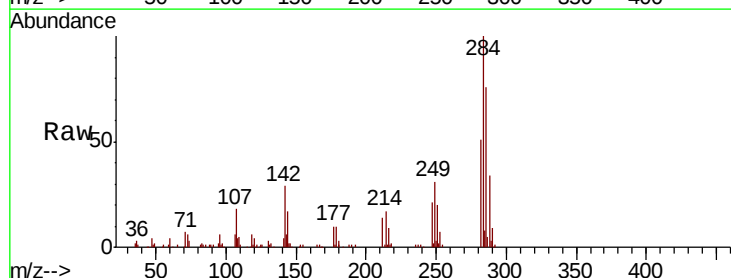
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

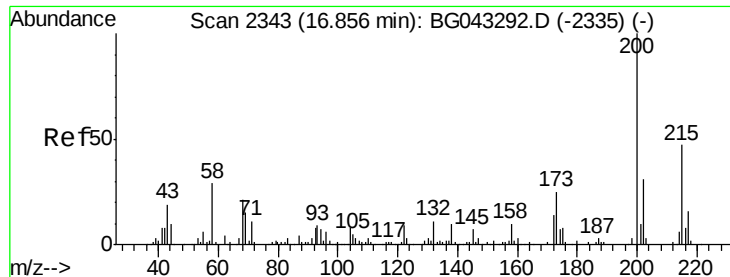
Tot Ion:248 Resp: 92297
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.0 115.4
 141 63.6 47.5 71.3



#68
 Hexachlorobenzene
 Concen: 28.154 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:284 Resp: 105110
 Ion Ratio Lower Upper
 284 100
 142 28.9 19.8 29.8
 249 30.7 23.8 35.6





#69

Atrazine

Concen: 37.571 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

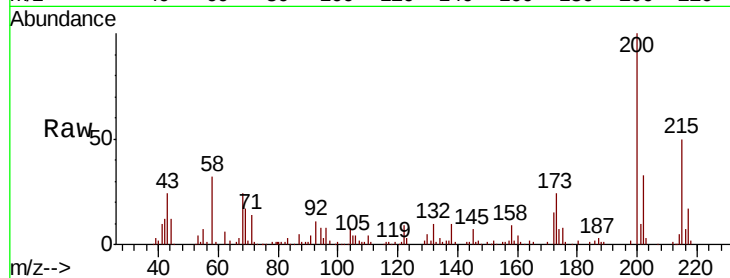
Tot Ion:200 Resp: 89078

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

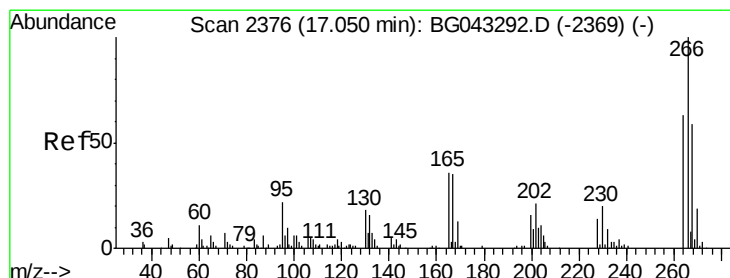
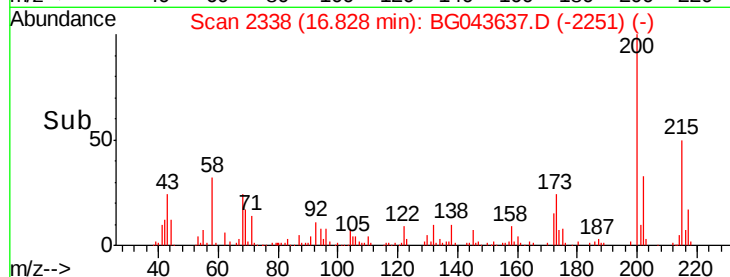
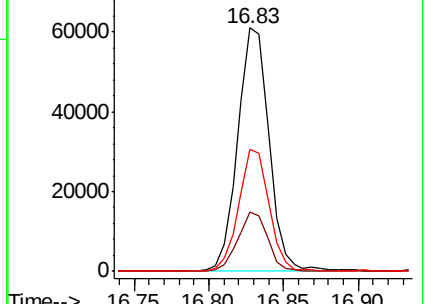
215 50.0 28.5 68.5



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: 48.190 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

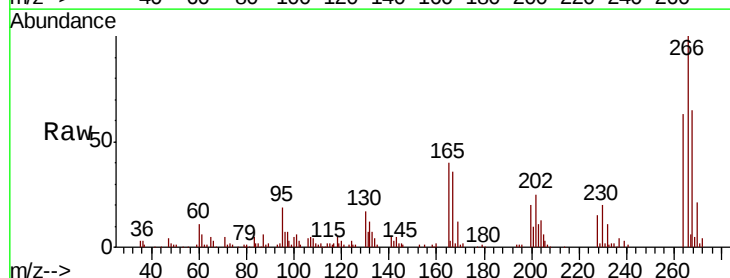
Tgt Ion:266 Resp: 81979

Ion Ratio Lower Upper

266 100

268 65.0 50.4 75.6

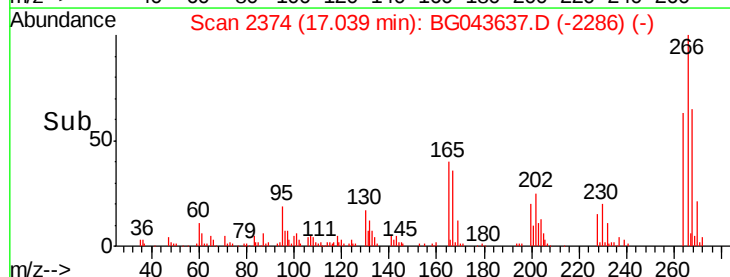
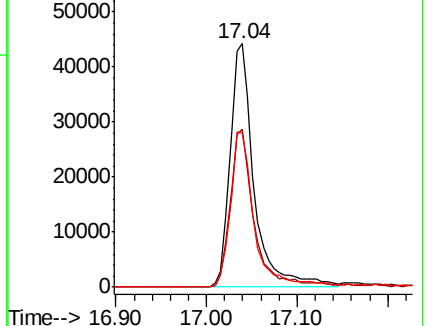
264 63.3 48.9 73.3

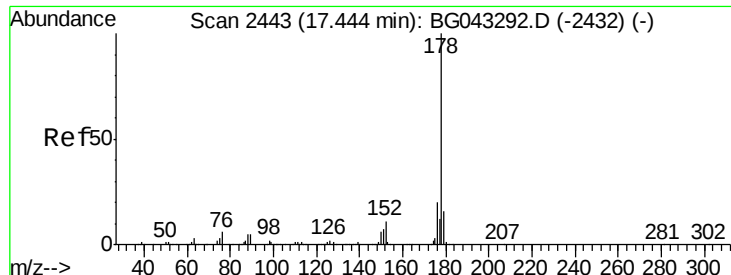


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

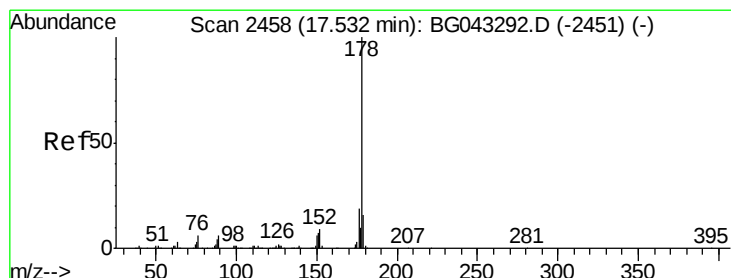
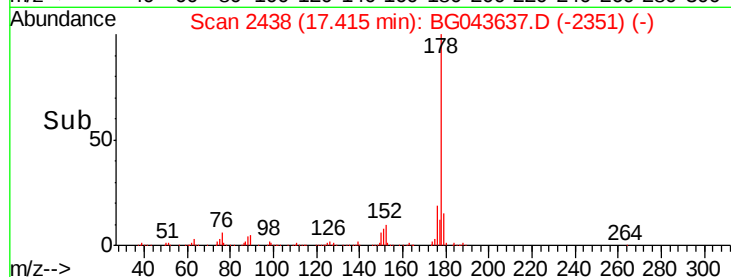
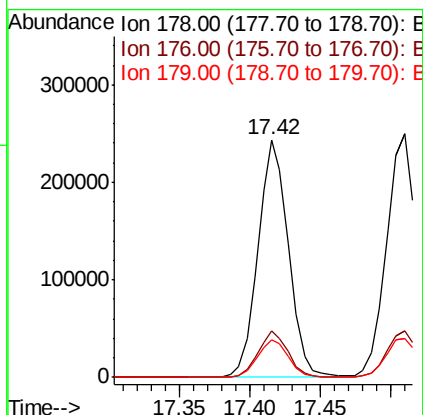
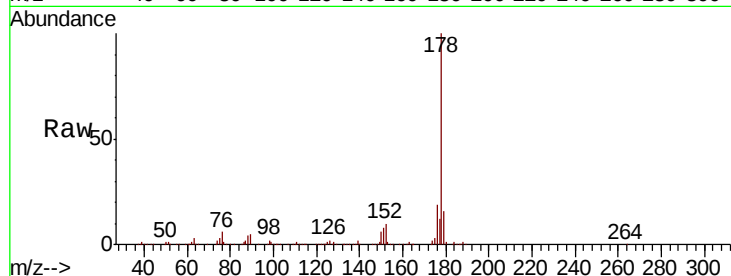




#71
 Phenanthrene
 Concen: 29.786 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

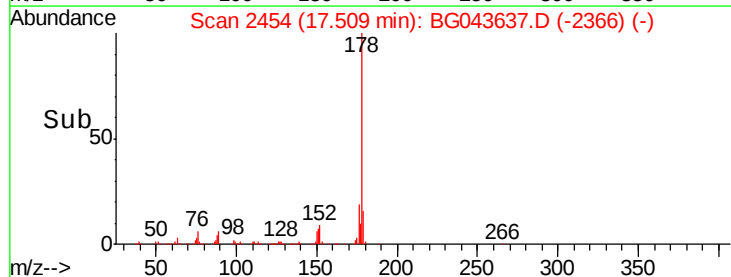
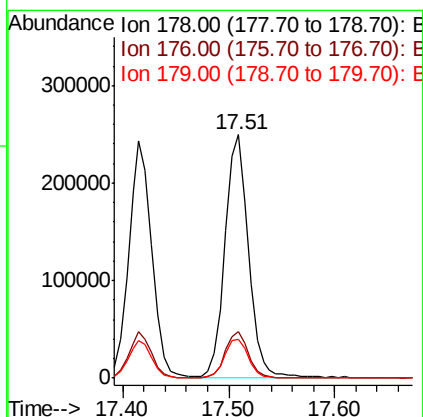
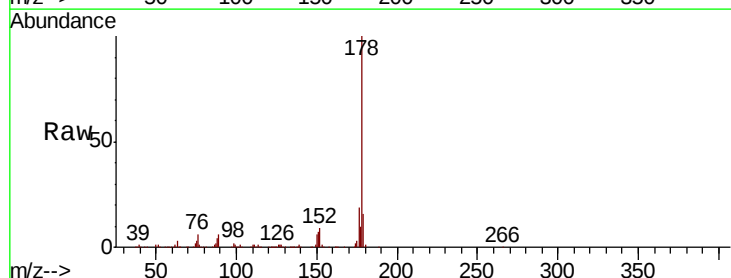
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

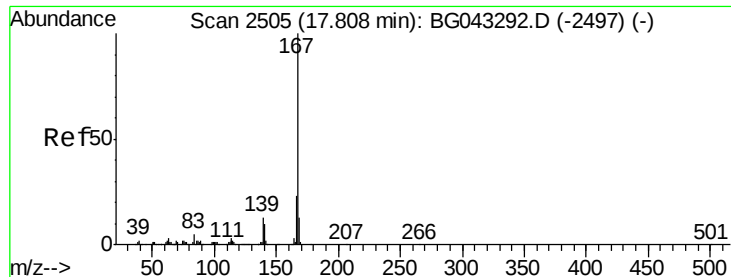
Tot Ion:178 Resp: 368624
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.6 13.0 19.6



#72
 Anthracene
 Concen: 30.882 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion:178 Resp: 382391
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.9 13.7 20.5

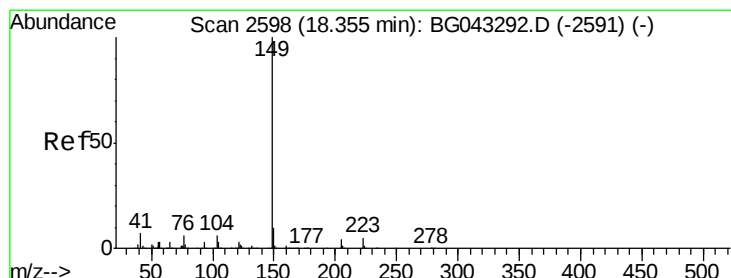
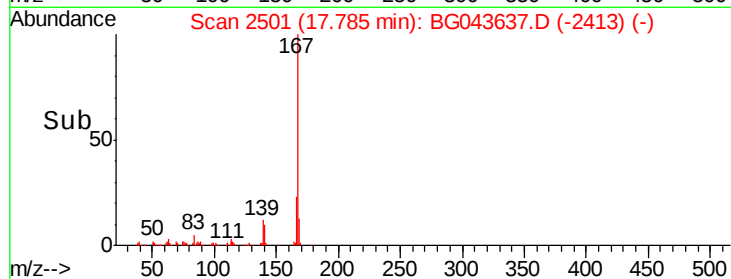
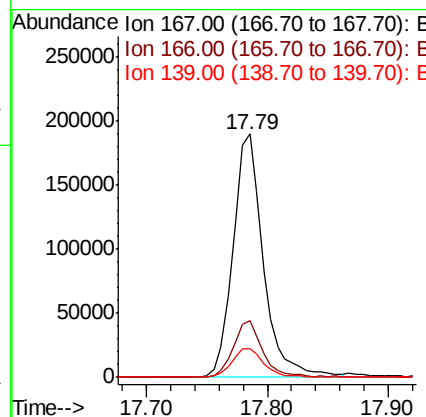
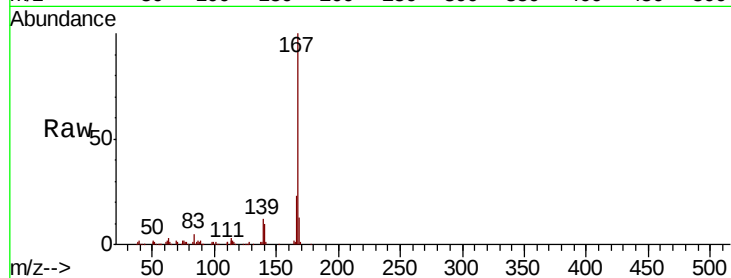




#73
 Carbazole
 Concen: 29.595 ng
 RT: 17.79 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

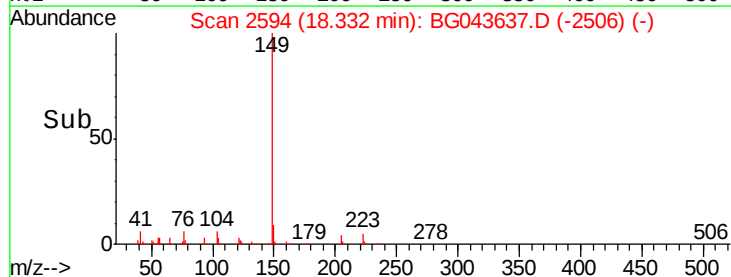
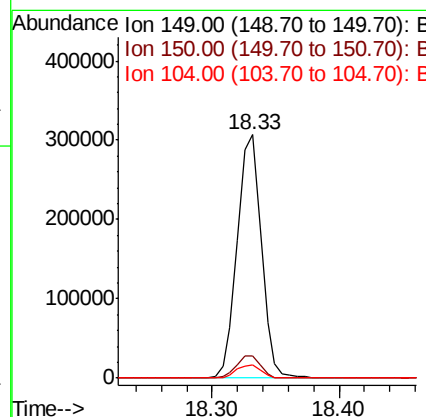
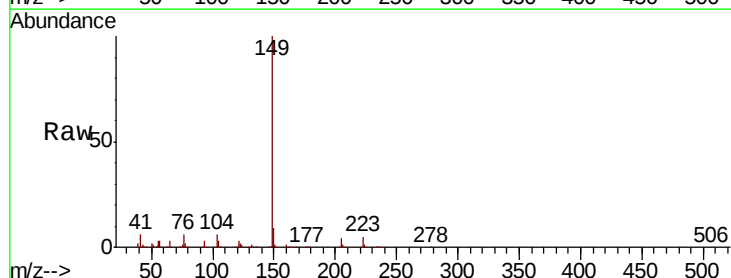
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMSD

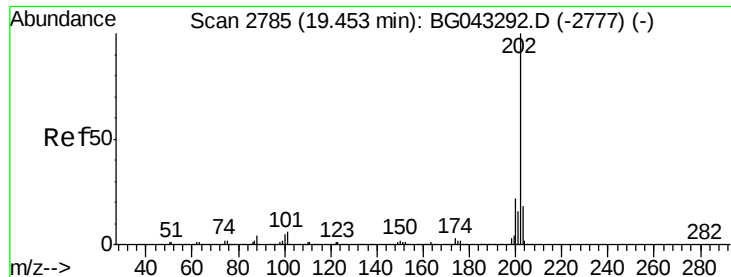
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.7	28.1
139	11.6	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 29.626 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043637.D
 Acq: 14 Nov 2019 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.6	4.4	6.6





#75

Fluoranthene

Concen: 29.962 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

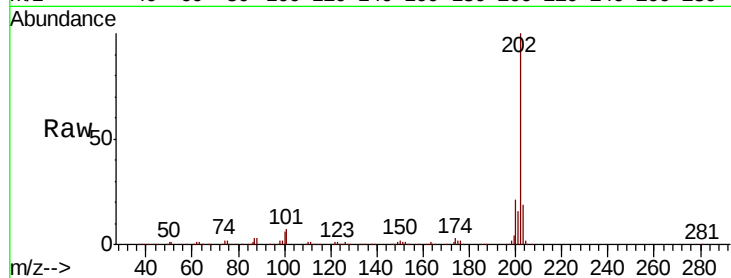
Tot Ion:202 Resp: 483412

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.3

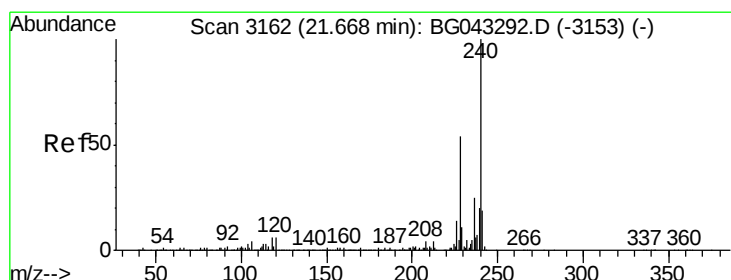
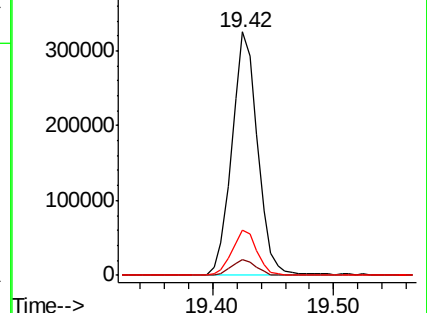
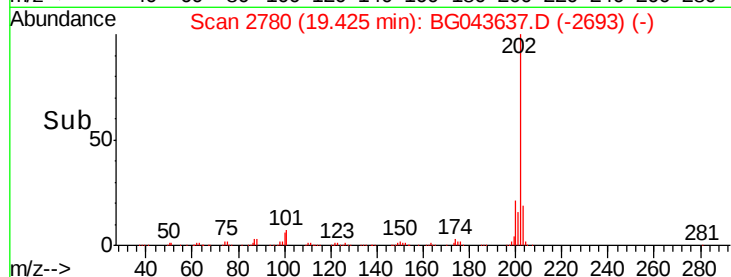
203 18.6 0.0 37.9



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: BG043637.D

Acq: 14 Nov 2019 17:13

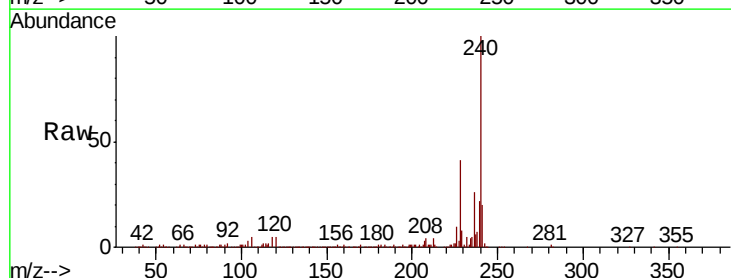
Tgt Ion:240 Resp: 260096

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

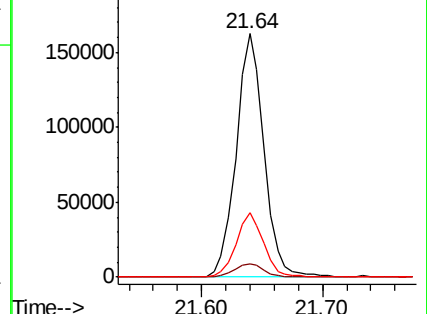
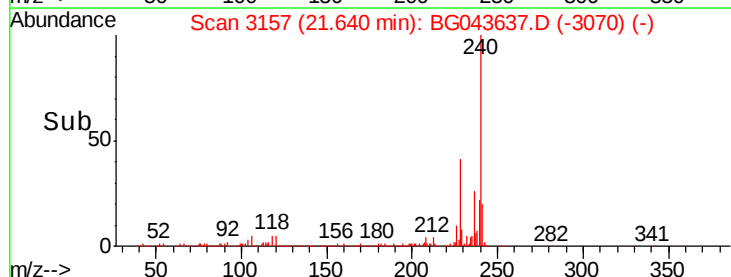
236 26.2 19.8 29.8

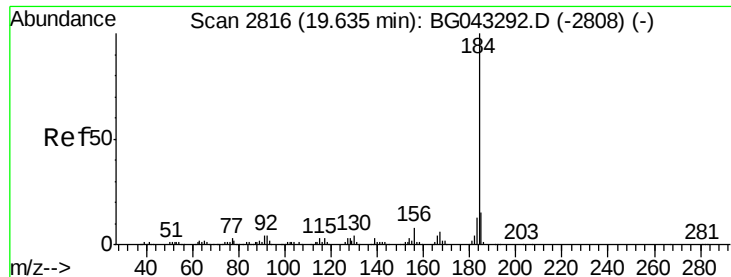


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.616 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

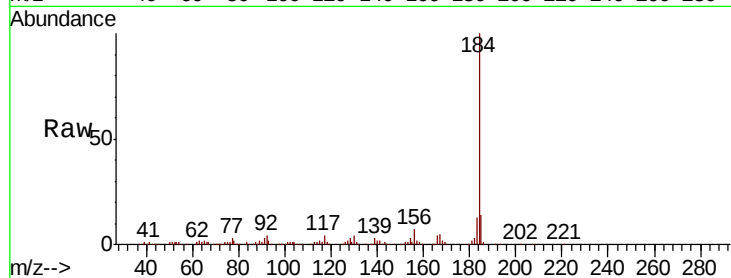
Tot Ion:184 Resp: 259718

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

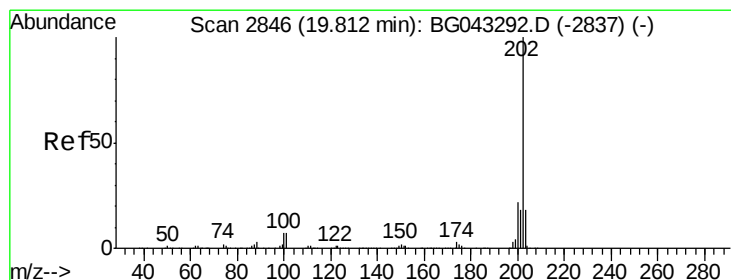
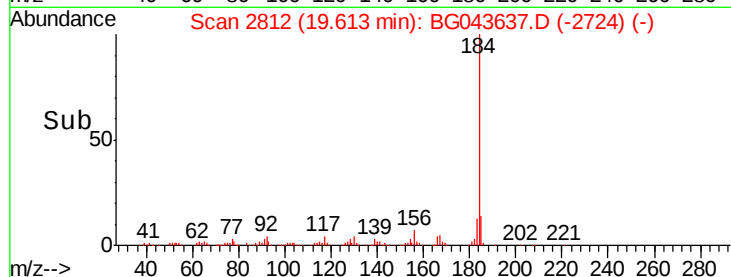
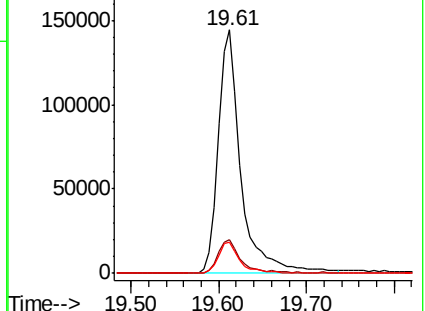
183 12.7 10.0 15.0



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: 30.810 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

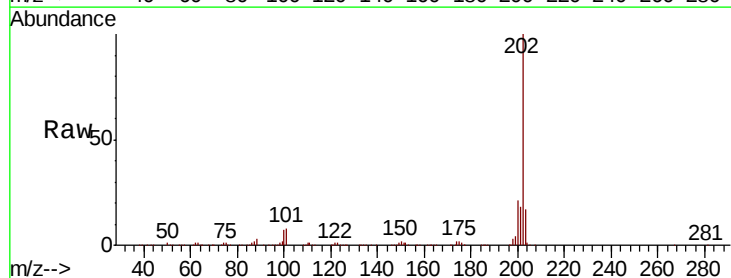
Tgt Ion:202 Resp: 496025

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

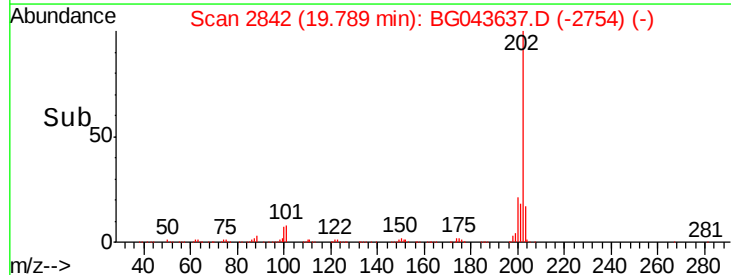
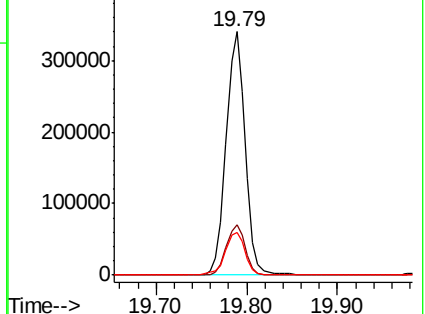
203 17.4 14.7 22.1

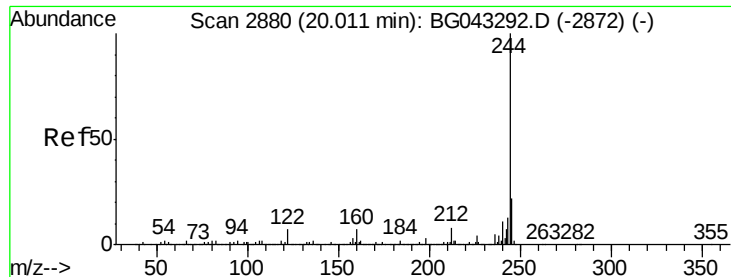


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 52.449 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

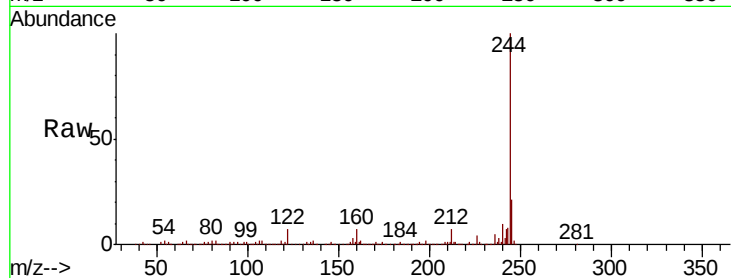
Tot Ion:244 Resp: 727148

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

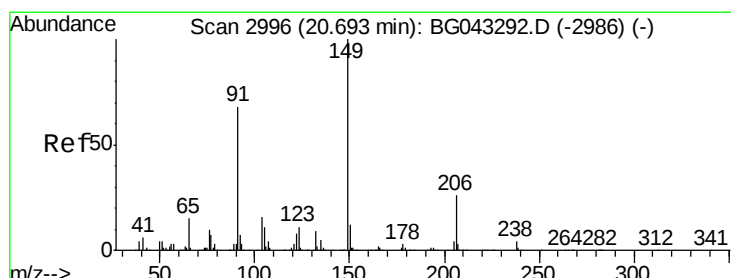
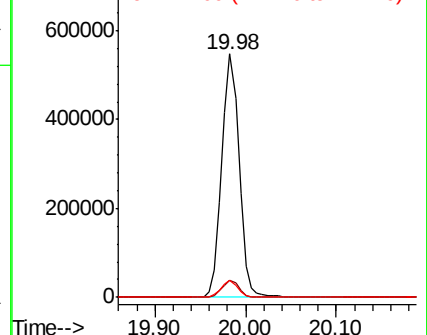
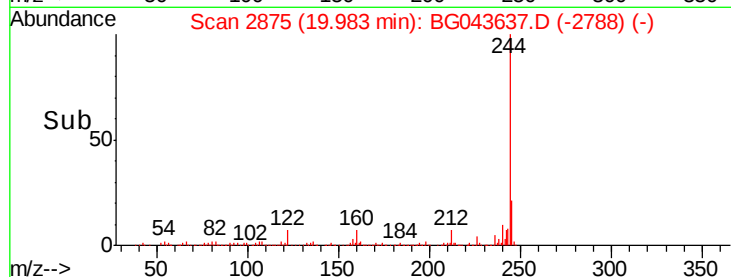
122 6.9 5.4 8.2



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: 29.910 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

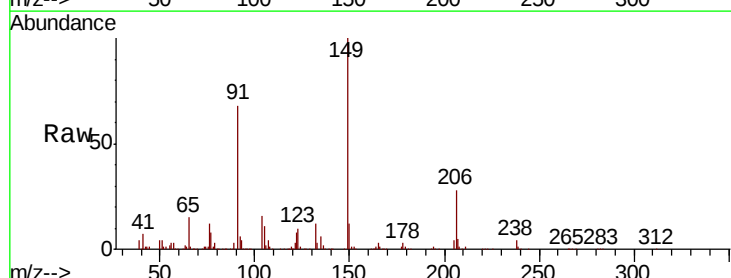
Tgt Ion:149 Resp: 182435

Ion Ratio Lower Upper

149 100

91 68.5 51.2 76.8

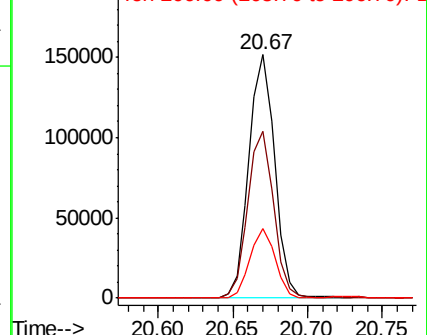
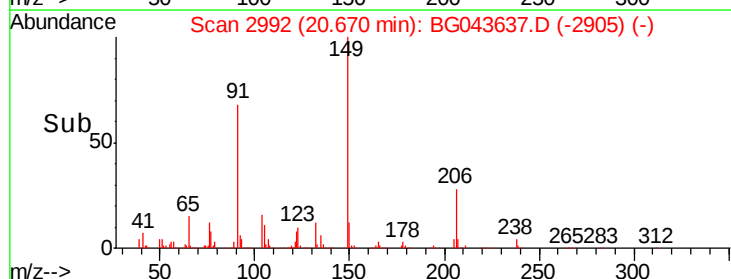
206 28.4 22.5 33.7

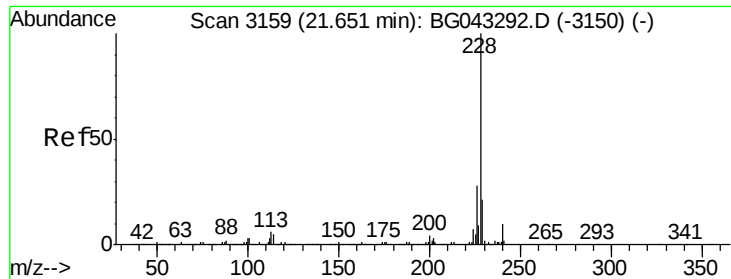


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.397 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

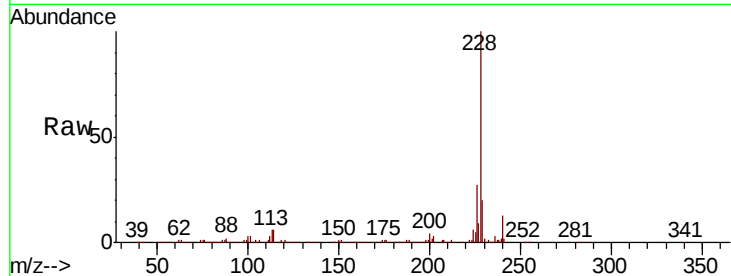
Tot Ion:228 Resp: 511534

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

229 19.7 17.0 25.4

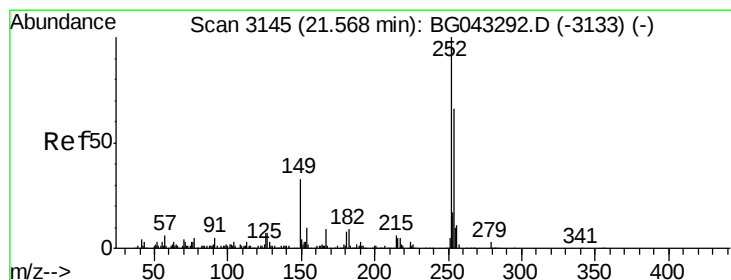
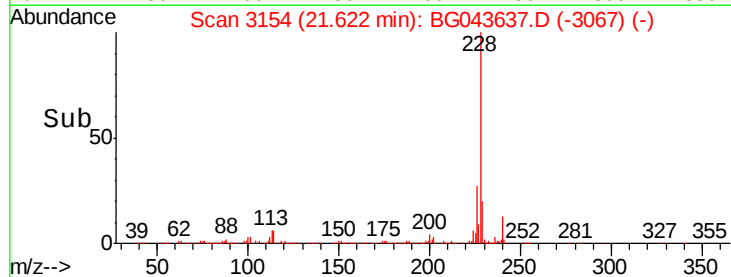
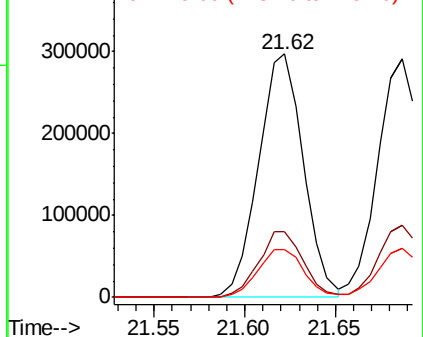


Abundance

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: 17.096 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

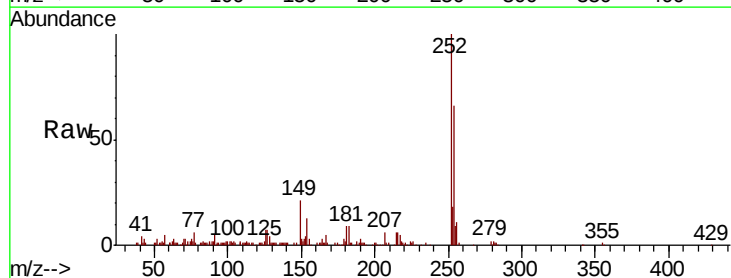
Tgt Ion:252 Resp: 107731

Ion Ratio Lower Upper

252 100

254 66.2 50.8 76.2

126 7.3 6.1 9.1

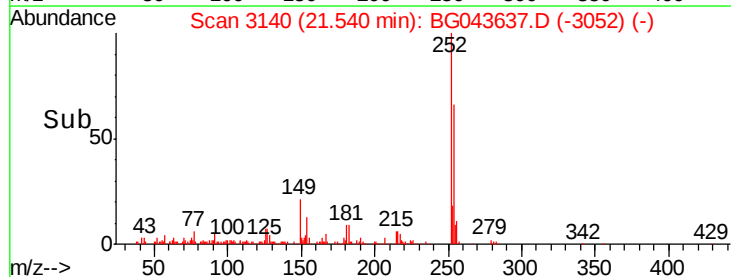
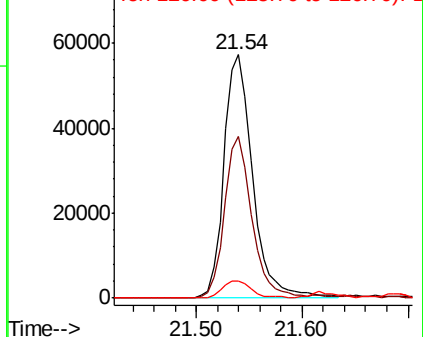


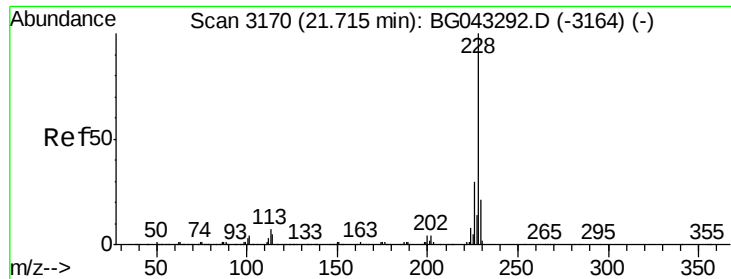
Abundance

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: 30.604 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

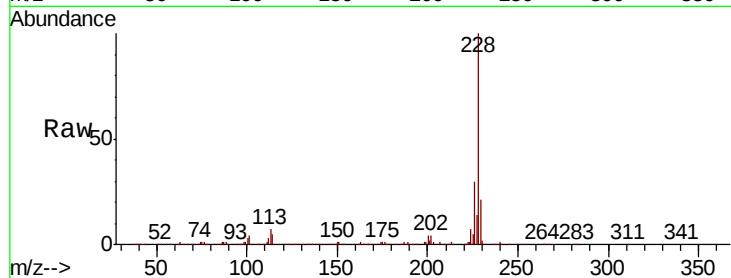
Tot Ion:228 Resp: 495403

Ion Ratio Lower Upper

228 100

226 30.3 25.1 37.7

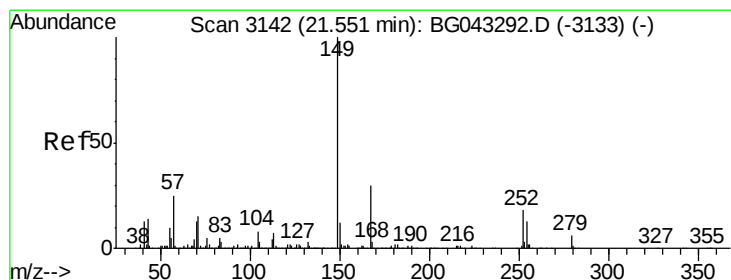
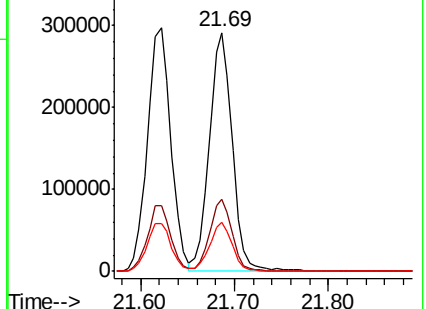
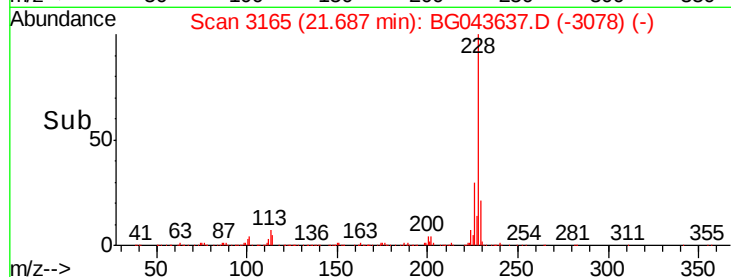
229 20.6 17.0 25.4



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: 31.357 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

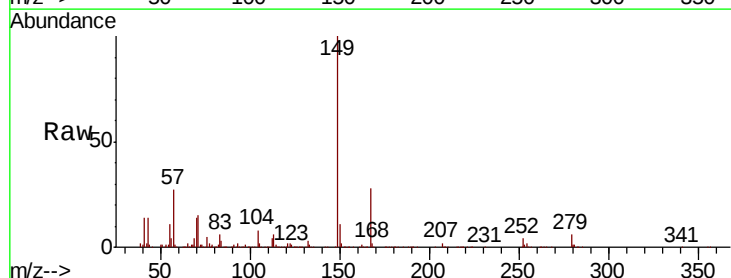
Tgt Ion:149 Resp: 271693

Ion Ratio Lower Upper

149 100

167 28.0 24.0 36.0

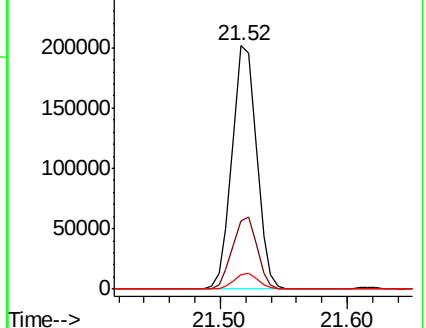
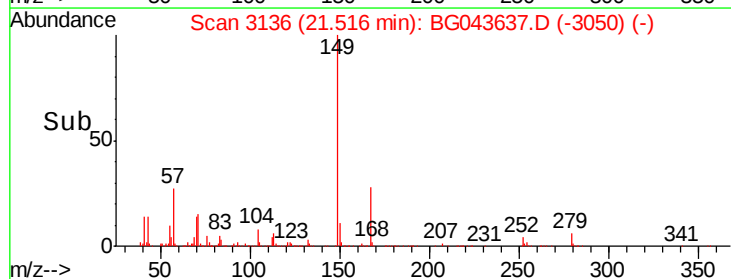
279 5.9 5.4 8.2

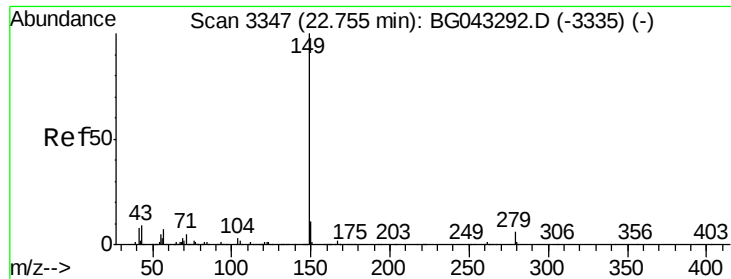


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.996 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

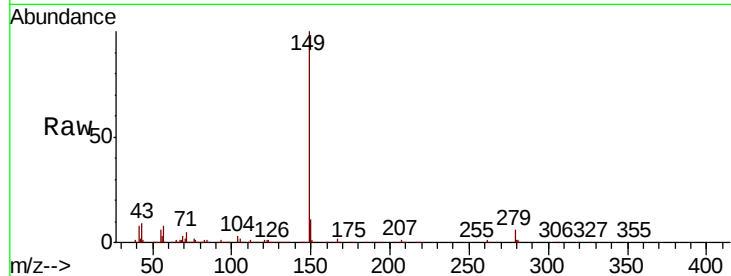
Tot Ion:149 Resp: 470341

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

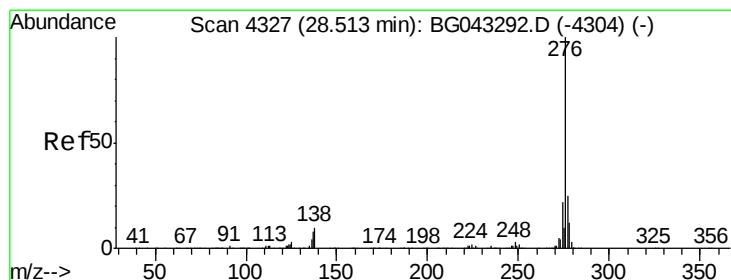
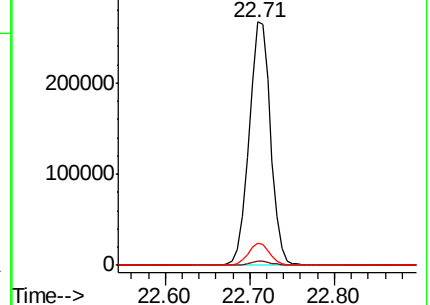
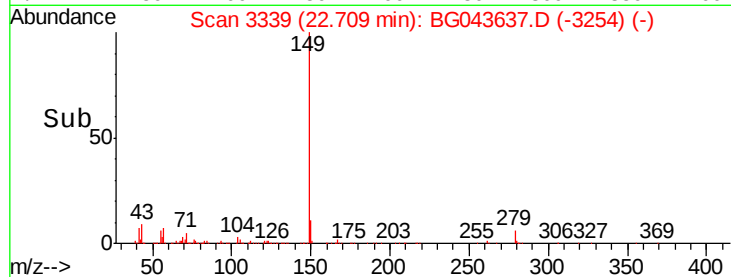
43 9.1 7.0 10.6



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: 31.801 ng

RT: 28.46 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

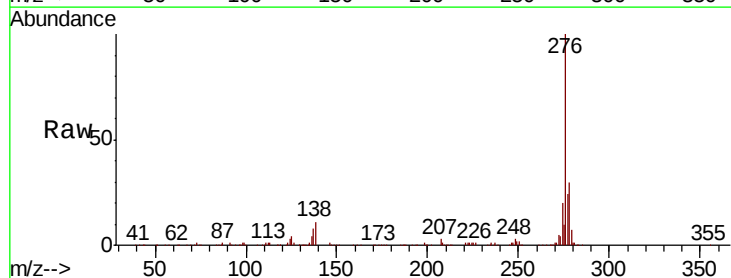
Tgt Ion:276 Resp: 646174

Ion Ratio Lower Upper

276 100

138 5.7 6.8 10.2#

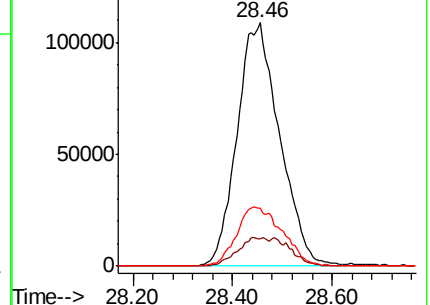
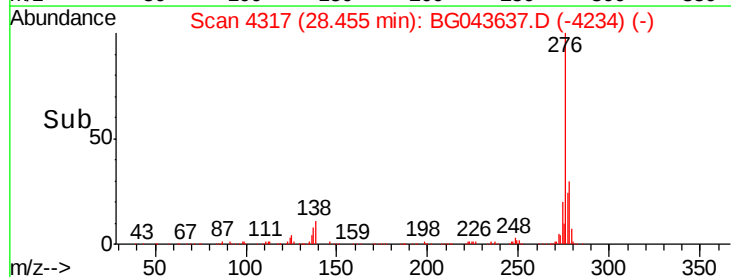
277 26.0 20.9 31.3

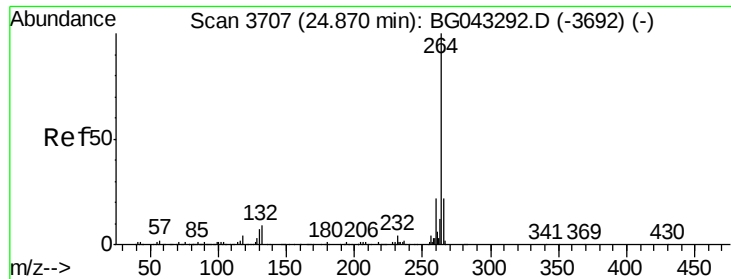


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3699

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

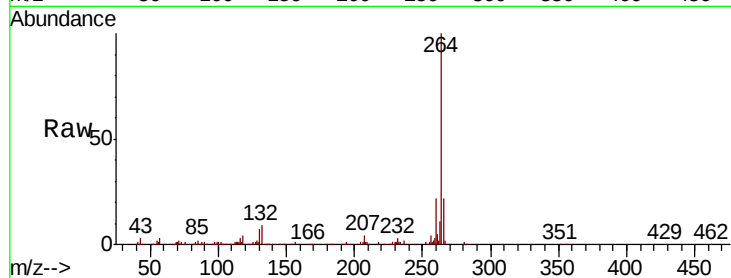
Tot Ion:264 Resp: 310114

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	22.0	17.4	26.0

264 100

260 22.3 17.5 26.3

265 22.0 17.4 26.0

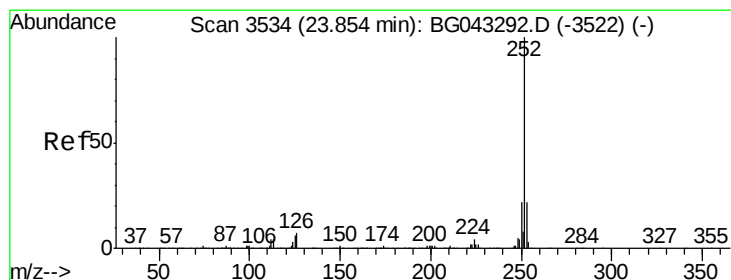
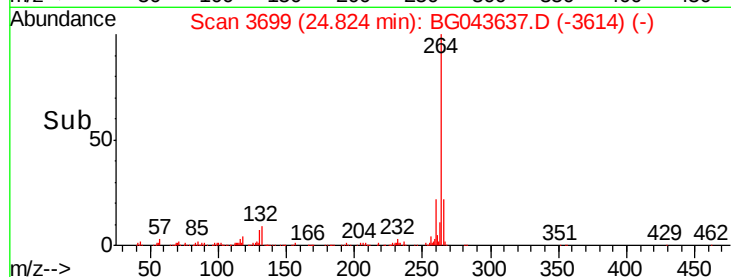
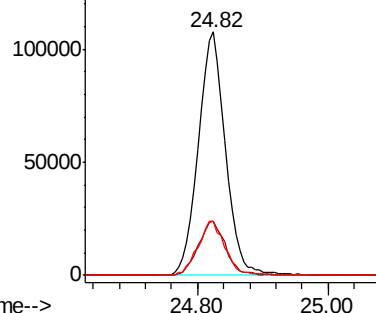


Abundance

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: 30.253 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

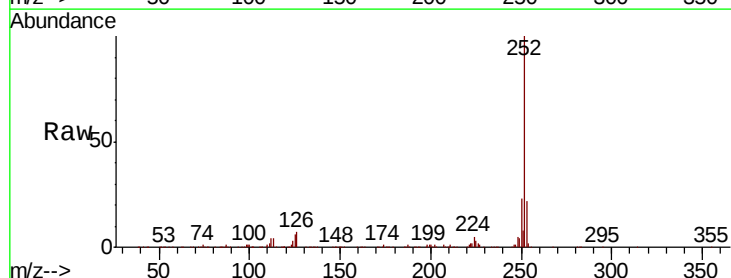
Tgt Ion:252 Resp: 531353

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	5.6	4.5	6.7

252 100

253 22.5 17.7 26.5

125 5.6 4.5 6.7

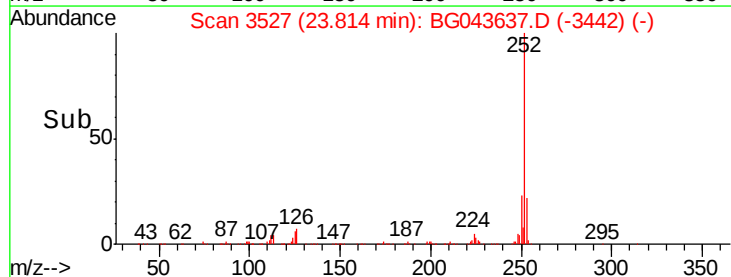
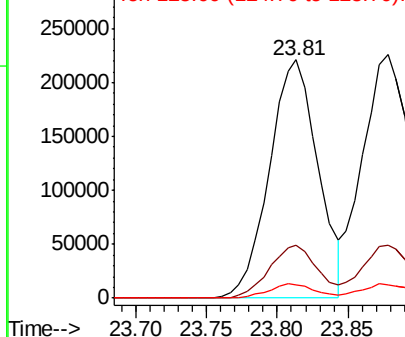


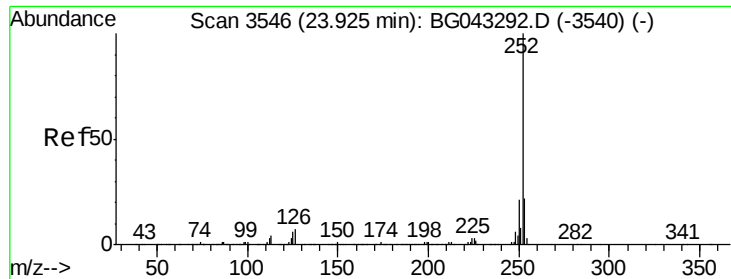
Abundance

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

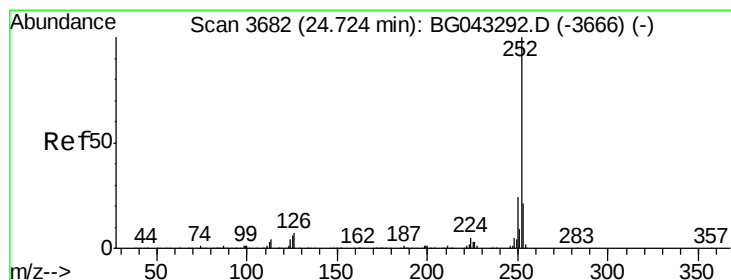
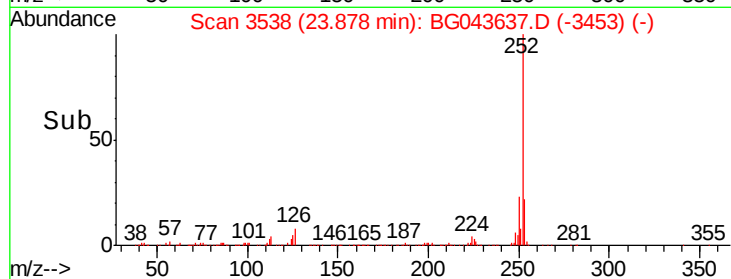
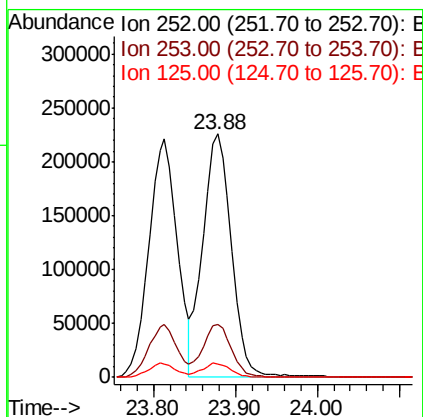
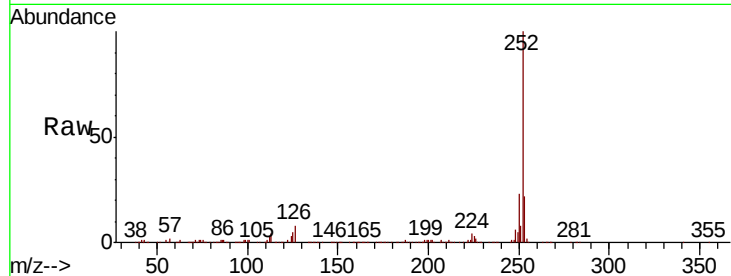




#89
Benzo(k)fluoranthene
Concen: 30.949 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

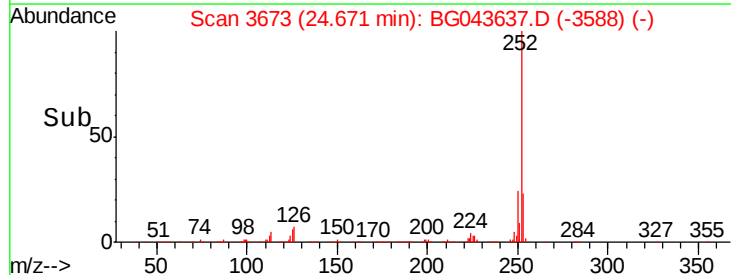
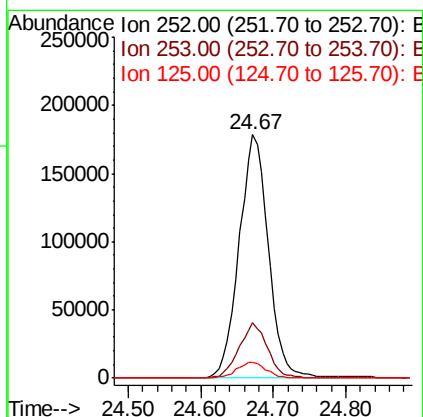
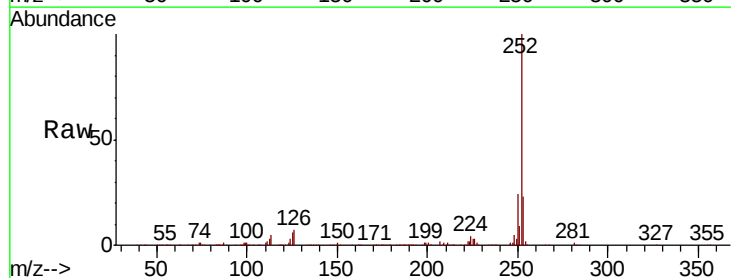
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMSD

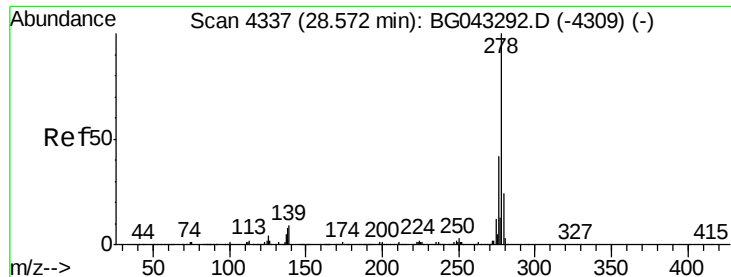
Tot Ion:252 Resp: 547222
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 5.3 4.6 6.8



#90
Benzo(a)pyrene
Concen: 29.844 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043637.D
Acq: 14 Nov 2019 17:13

Tgt Ion:252 Resp: 500544
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 6.3 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 31.899 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMSD

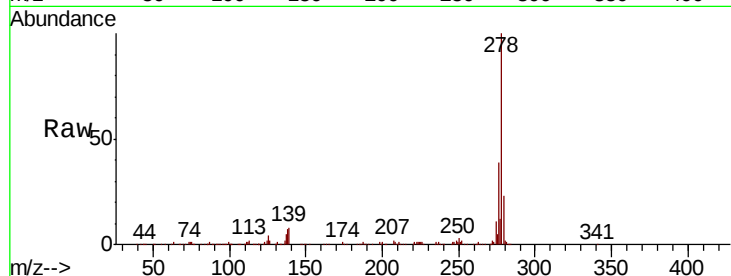
Tot Ion:278 Resp: 547239

Ion Ratio Lower Upper

278 100

139 8.3 7.4 11.0

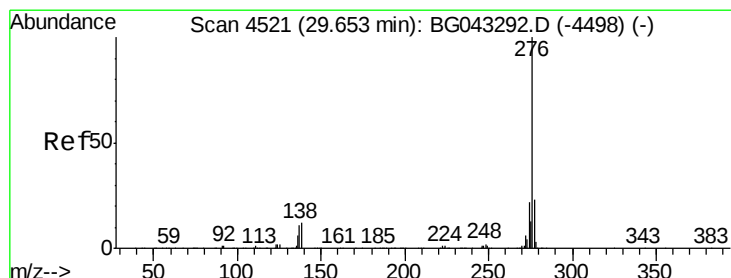
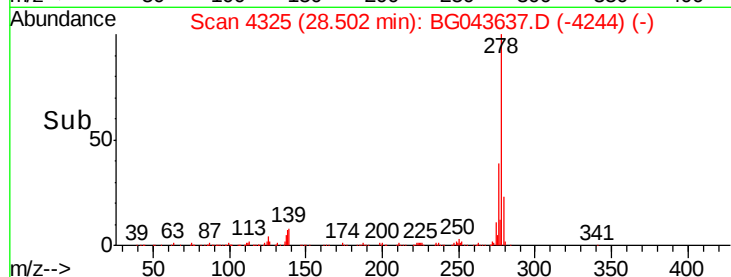
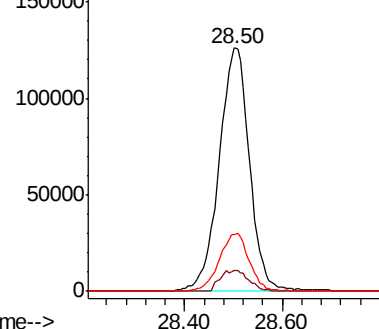
279 23.3 19.1 28.7



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: 31.934 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043637.D

Acq: 14 Nov 2019 17:13

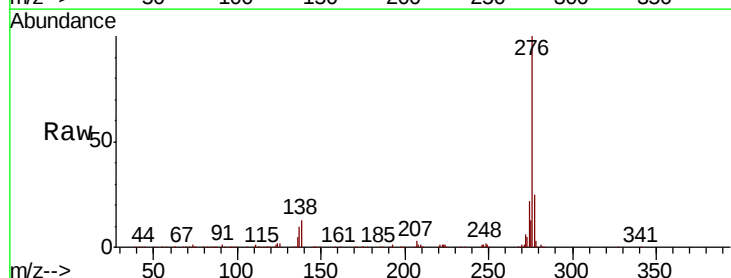
Tgt Ion:276 Resp: 540393

Ion Ratio Lower Upper

276 100

277 25.2 18.9 28.3

138 12.8 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

