

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043636.D
 Acq On : 14 Nov 2019 16:35
 Operator : JU
 Sample : K5826-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Quant Time: Nov 15 00:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35277	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	138692	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	97624	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	237826	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	255256	20.00	ng	-0.01
87) Perylene-d12	24.82	264	303713	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	191079	99.26	ng	0.00
7) Phenol-d6	7.20	99	272862	98.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	163098	60.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	162209	87.31	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	429436	60.78	ng	-0.02
79) Terphenyl-d14	19.99	244	835268	61.39	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	20831	27.767	ng	# 89
3) Pyridine	3.86	79	55943	29.561	ng	96
4) n-Nitrosodimethylamine	3.78	42	32107	33.622	ng	96
6) Aniline	7.33	93	50417	15.801	ng	96
8) 2-Chlorophenol	7.58	128	78462	36.921	ng	97
9) Benzaldehyde	7.14	77	35255	25.900	ng	94
10) Phenol	7.22	94	109151	43.125	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	63746	32.576	ng	96
12) 1,3-Dichlorobenzene	7.88	146	84411	31.703	ng	99
13) 1,4-Dichlorobenzene	8.03	146	85532	31.750	ng	99
14) 1,2-Dichlorobenzene	8.35	146	82573	31.393	ng	96
15) Benzyl Alcohol	8.25	79	67515	34.708	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.52	45	87273	30.672	ng	97
17) 2-Methylphenol	8.46	107	66441	36.009	ng	93
18) Hexachloroethane	9.08	117	30007	30.874	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	55633	31.083	ng	93
20) 3+4-Methylphenols	8.80	107	87199	34.464	ng	# 89
22) Acetophenone	8.82	105	110849	31.210	ng	96
24) Nitrobenzene	9.20	77	85080	33.199	ng	# 97
25) Isophorone	9.72	82	157866	32.097	ng	99
26) 2-Nitrophenol	9.92	139	43233	34.943	ng	# 93
27) 2,4-Dimethylphenol	9.99	122	72416	40.837	ng	100
28) bis(2-Chloroethoxy)methane	10.20	93	85479	31.489	ng	96
29) 2,4-Dichlorophenol	10.47	162	81591	35.910	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	90008	31.431	ng	99
31) Naphthalene	10.85	128	238206	33.836	ng	98
32) Benzoic acid	10.18	122	35639	30.408	ng	93
33) 4-Chloroaniline	10.98	127	28883	10.009	ng	98
34) Hexachlorobutadiene	11.14	225	65787	31.077	ng	90
35) Caprolactam	11.74	113	16758	21.416	ng	# 88
36) 4-Chloro-3-methylphenol	12.11	107	84548	34.115	ng	94
37) 2-Methylnaphthalene	12.45	142	181222	33.550	ng	97
38) 1-Methylnaphthalene	12.68	142	170642	33.202	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	115459	31.957	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102798	54.164	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	72373	34.015	ng	94
44) 2,4,5-Trichlorophenol	13.16	196	76532	35.579	ng	92
46) 1,1'-Biphenyl	13.46	154	239136	32.199	ng	96
47) 2-Chloronaphthalene	13.51	162	184284	32.612	ng	99
48) 2-Nitroaniline	13.72	65	56164	33.255	ng	97
49) Acenaphthylene	14.35	152	301968	34.336	ng	99
50) Dimethylphthalate	14.08	163	301655	39.893	ng	97
51) 2,6-Dinitrotoluene	14.20	165	54625	33.252	ng	98
52) Acenaphthene	14.69	154	177254	33.050	ng	95
53) 3-Nitroaniline	14.55	138	27391	17.270	ng	# 97
54) 2,4-Dinitrophenol	14.75	184	49078	50.770	ng	98
55) Dibenzofuran	15.03	168	296735	34.118	ng	97
56) 4-Nitrophenol	14.89	139	73770	69.407	ng	91
57) 2,4-Dinitrotoluene	15.00	165	76795	32.711	ng	98
58) Fluorene	15.67	166	243044	33.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	74473	32.587	ng	95
60) Diethylphthalate	15.44	149	242320	31.893	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	139363	32.749	ng	98
62) 4-Nitroaniline	15.71	138	50026	30.541	ng	93
63) Azobenzene	15.96	77	209540	34.077	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	43920	31.380	ng	90
66) n-Nitrosodiphenylamine	15.89	169	216116	32.187	ng	95
67) 4-Bromophenyl-phenylether	16.56	248	96851	30.260	ng	96
68) Hexachlorobenzene	16.68	284	111580	30.371	ng	97
69) Atrazine	16.83	200	94919	40.683	ng	98
70) Pentachlorophenol	17.04	266	89516	53.473	ng	99
71) Phenanthrene	17.42	178	395307	32.459	ng	100
72) Anthracene	17.51	178	408519	33.527	ng	98
73) Carbazole	17.78	167	363668	32.958	ng	97
74) Di-n-butylphthalate	18.33	149	430674	32.168	ng	99
75) Fluoranthene	19.43	202	523478	32.971	ng	99
77) Benzidine	19.61	184	268308	52.229	ng	98
78) Pyrene	19.79	202	534835	33.850	ng	100
80) Butylbenzylphthalate	20.67	149	196510	32.828	ng	93
81) Benzo(a)anthracene	21.62	228	553936	34.645	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	115642	18.699	ng	97
83) Chrysene	21.68	228	535019	33.678	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	295396	34.739	ng	98
85) Di-n-octyl phthalate	22.71	149	509321	35.305	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	698183	35.012	ng	99
88) Benzo(b)fluoranthene	23.81	252	589719	34.283	ng	97
89) Benzo(k)fluoranthene	23.88	252	588775	34.000	ng	98
90) Benzo(a)pyrene	24.67	252	545036	33.181	ng	99
91) Dibenzo(a,h)anthracene	28.50	278	592955	35.292	ng	99
92) Benzo(g,h,i)perylene	29.59	276	588386	35.503	ng	99

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

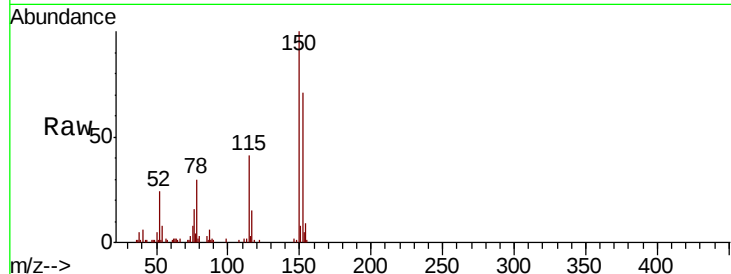


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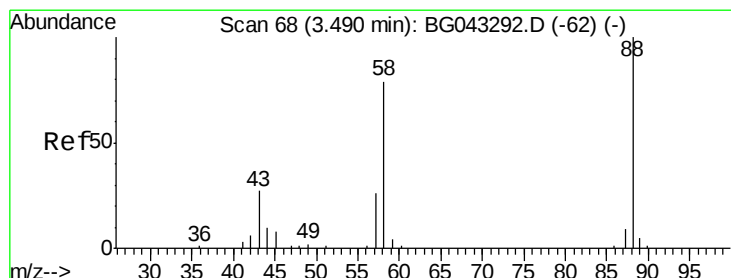
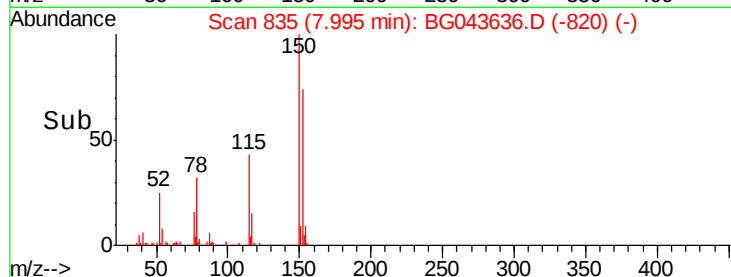
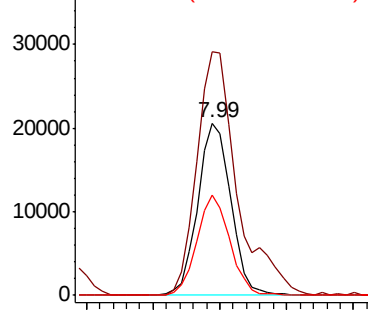
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:152 Resp: 35277
Ion Ratio Lower Upper
152 100
150 141.3 129.4 194.0
115 58.2 48.8 73.2



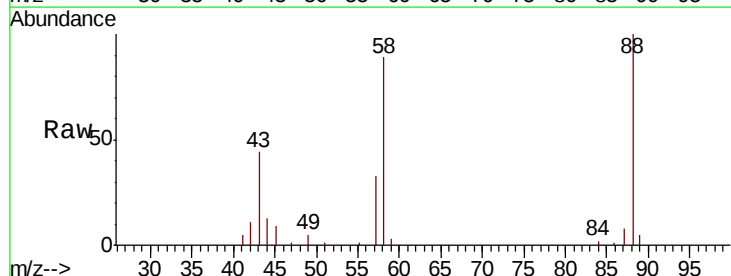
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



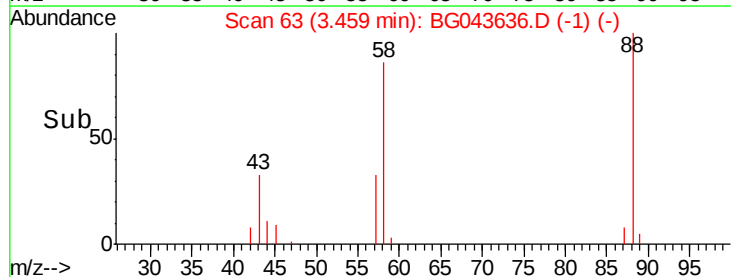
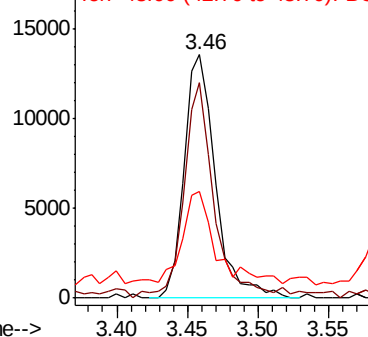
#2

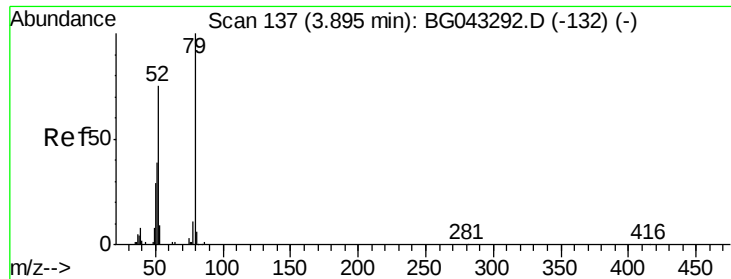
1,4-Dioxane
Concen: 27.767 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion: 88 Resp: 20831
Ion Ratio Lower Upper
88 100
58 85.0 62.7 94.1
43 40.4 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: 29.561 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

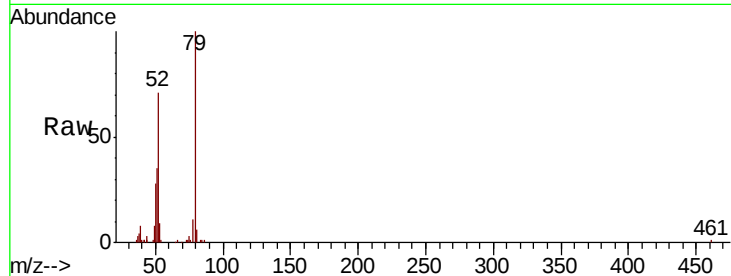
Tot Ion: 79 Resp: 55943

Ion Ratio Lower Upper

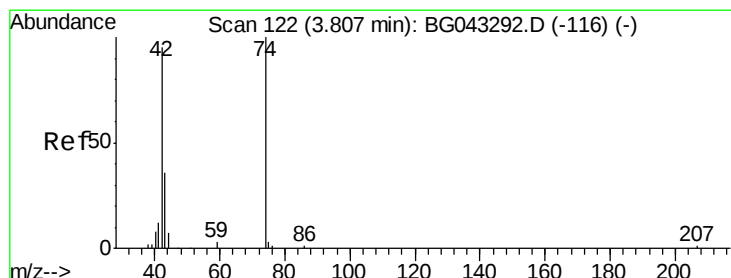
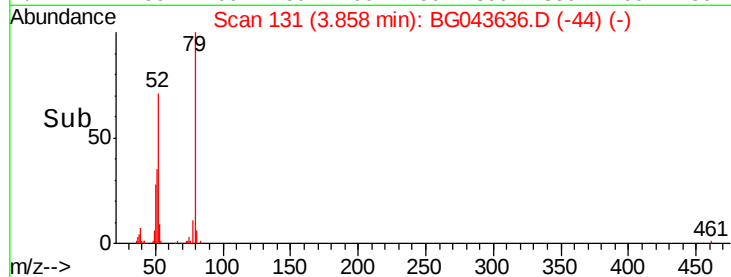
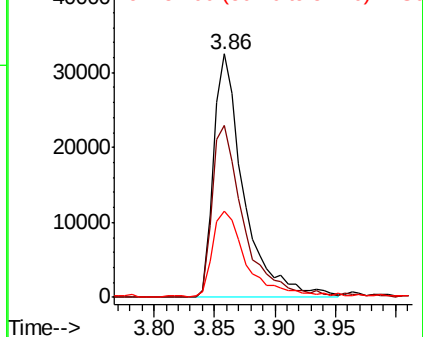
79 100

52 70.8 56.5 84.7

51 35.3 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: 33.622 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

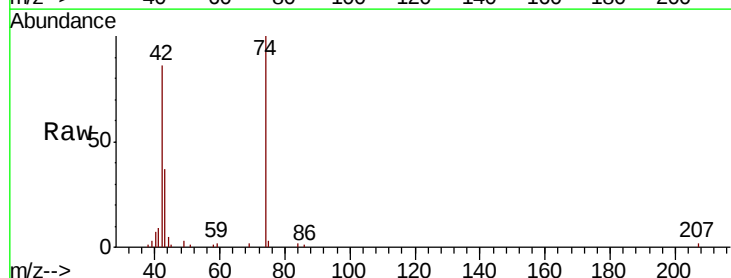
Tgt Ion: 42 Resp: 32107

Ion Ratio Lower Upper

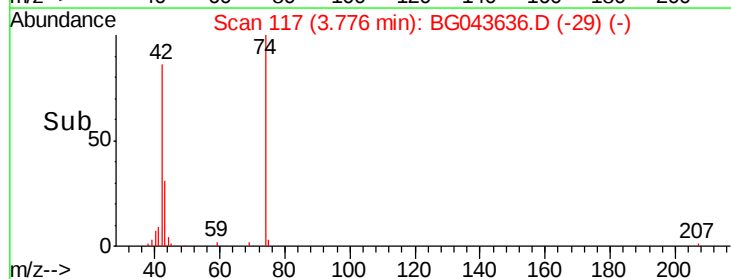
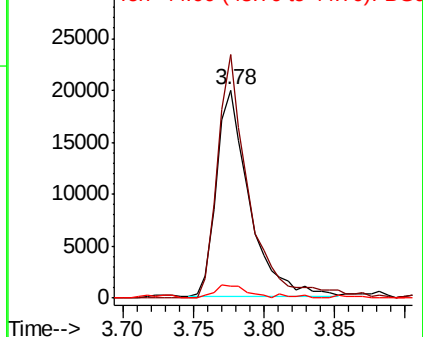
42 100

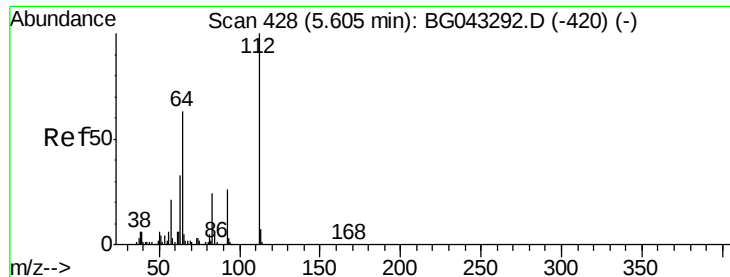
74 116.9 97.3 145.9

44 5.7 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: 99.255 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

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ClientSampleId :

TP-14B-SMS

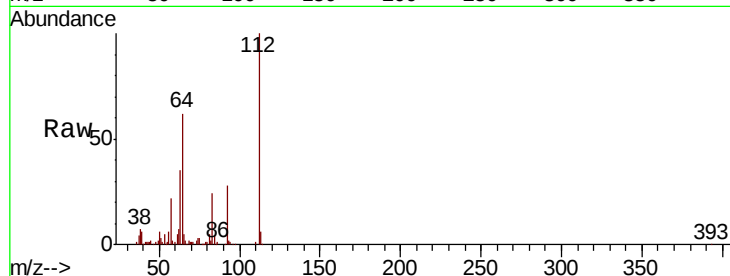
Tot Ion:112 Resp: 191079

Ion Ratio Lower Upper

112 100

64 61.5 50.0 75.0

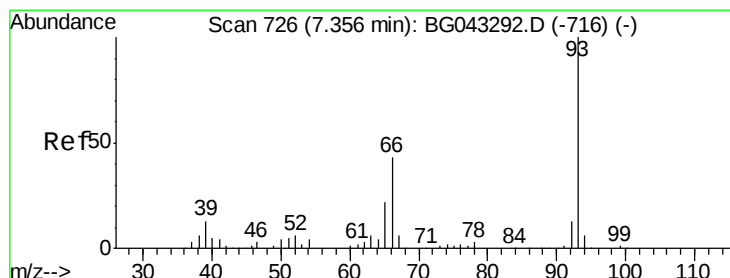
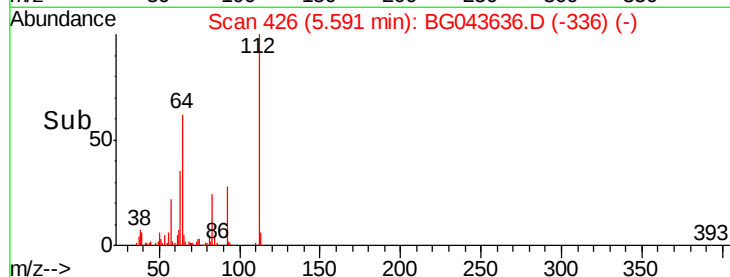
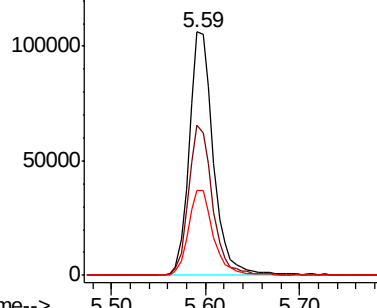
63 35.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.801 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

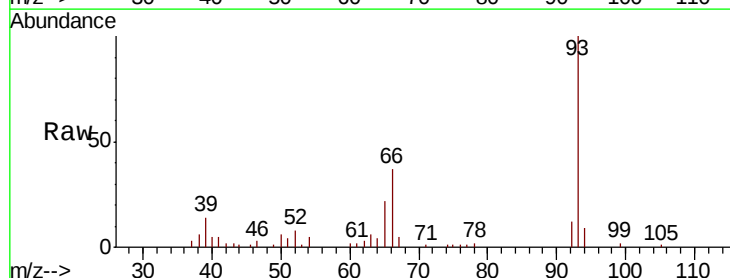
Tgt Ion: 93 Resp: 50417

Ion Ratio Lower Upper

93 100

66 37.4 32.3 48.5

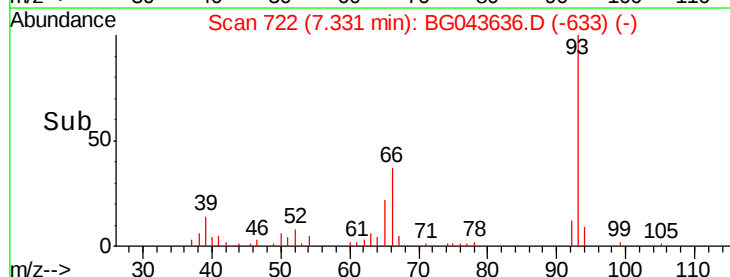
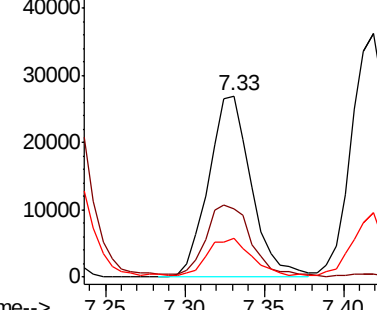
65 21.7 16.1 24.1

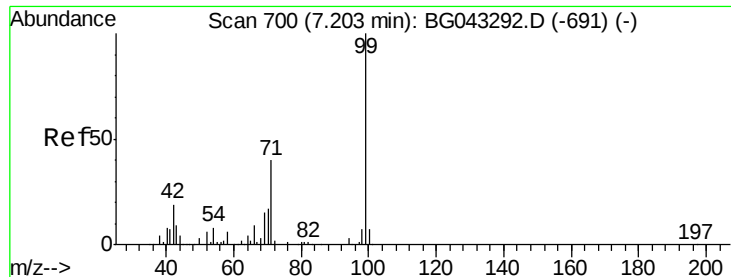


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.513 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043636.D

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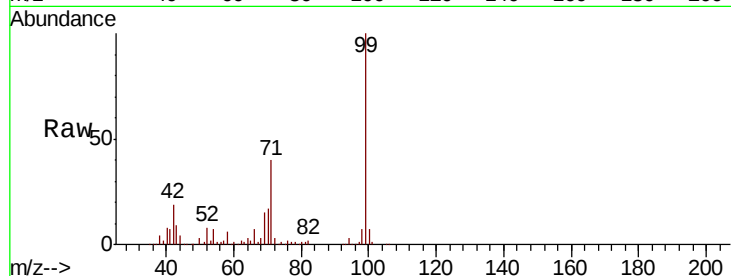
Tot Ion: 99 Resp: 272862

Ion Ratio Lower Upper

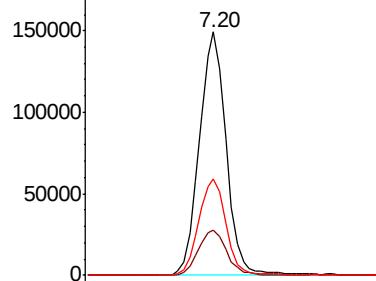
99 100

42 18.7 14.6 21.8

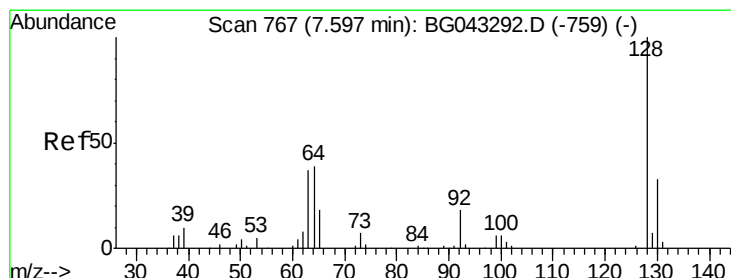
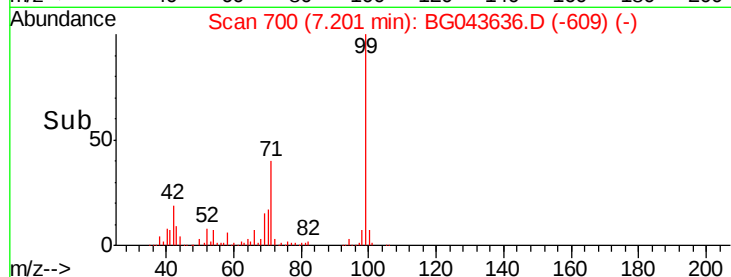
71 39.6 32.5 48.7



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



Time-->



#8

2-Chlorophenol

Concen: 36.921 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

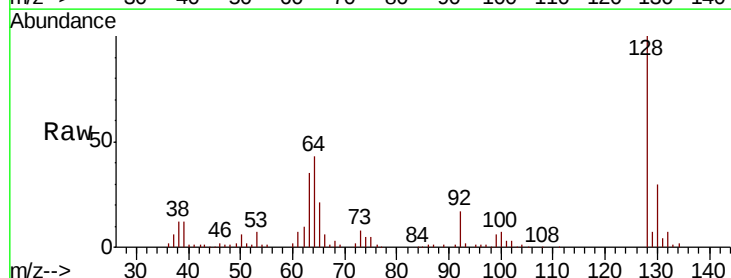
Tgt Ion: 128 Resp: 78462

Ion Ratio Lower Upper

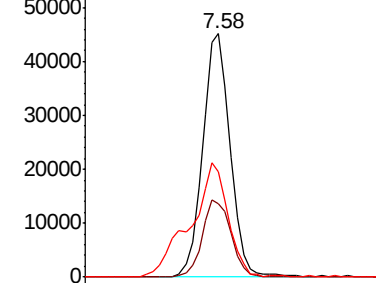
128 100

130 30.2 12.5 52.5

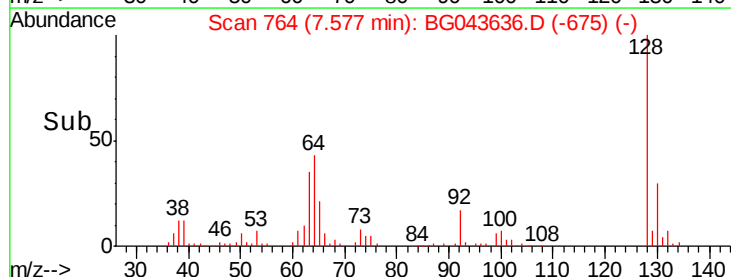
64 43.3 25.3 65.3



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



Time-->





#9

Benzaldehyde

Concen: 25.900 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

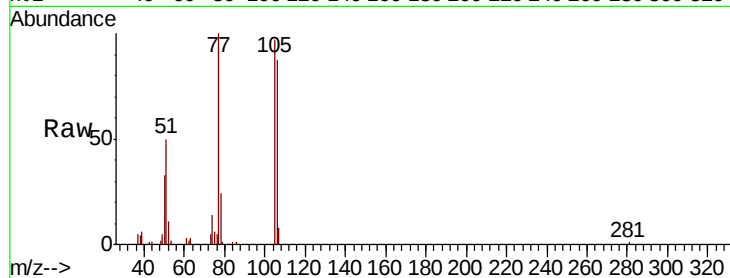
Tot Ion: 77 Resp: 35255

Ion Ratio Lower Upper

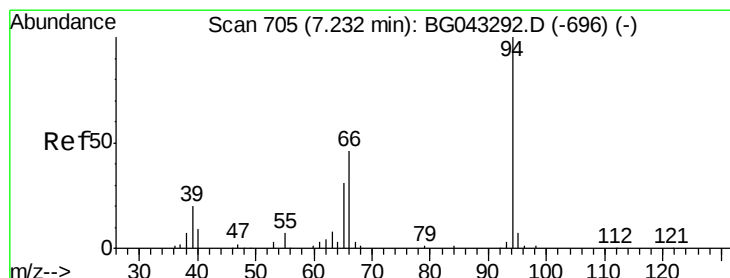
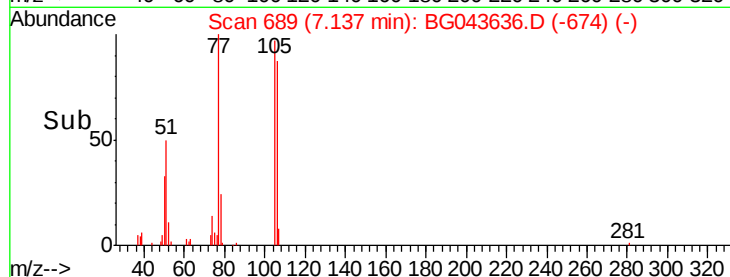
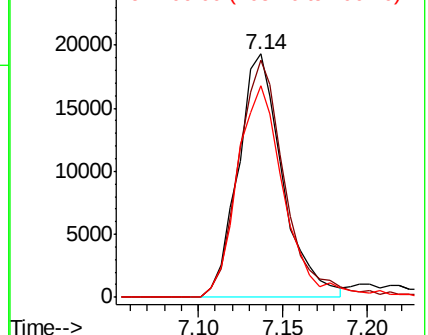
77 100

105 97.4 68.6 108.6

106 86.8 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: 43.125 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

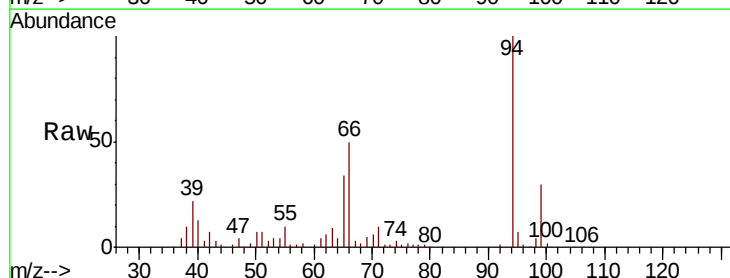
Tgt Ion: 94 Resp: 109151

Ion Ratio Lower Upper

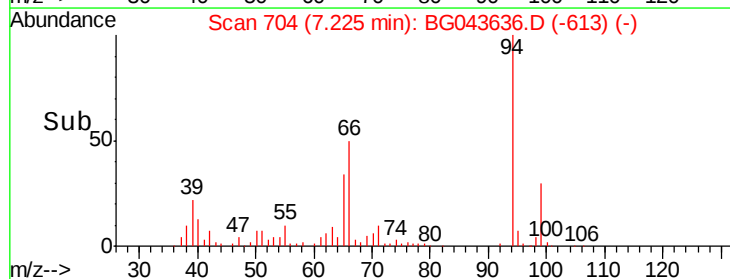
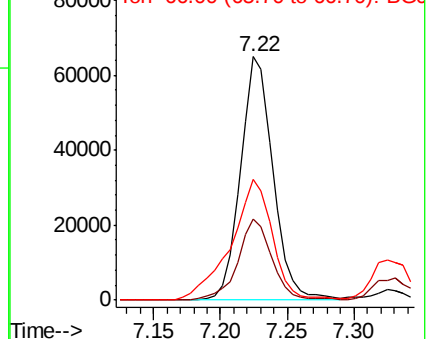
94 100

65 33.5 12.6 52.6

66 49.8 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

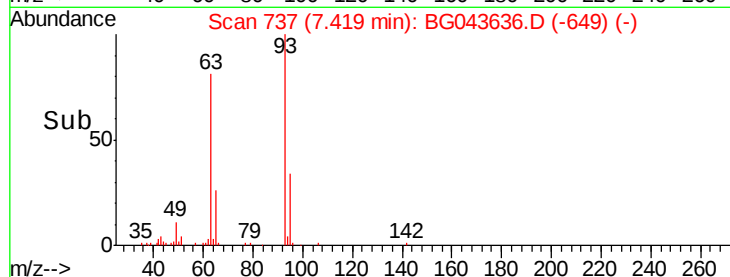
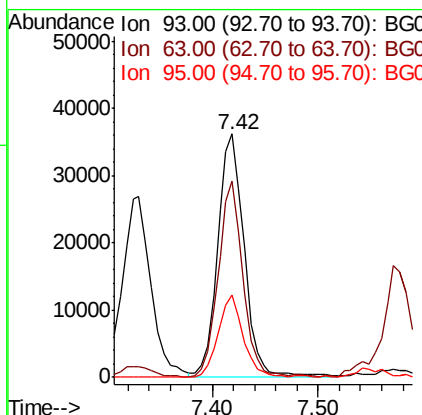
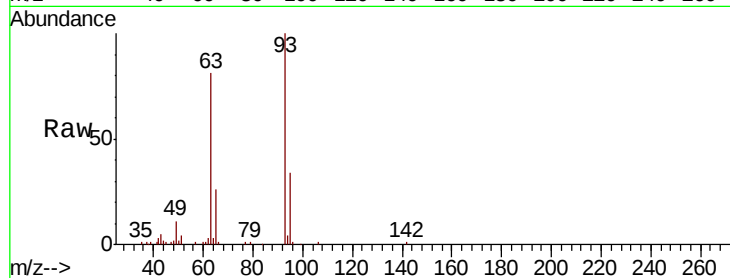




#11
bis(2-Chloroethyl)ether
Concen: 32.576 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

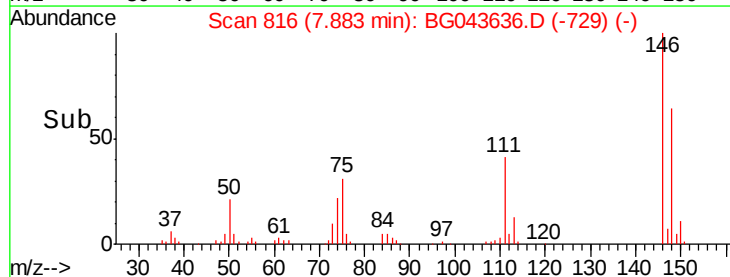
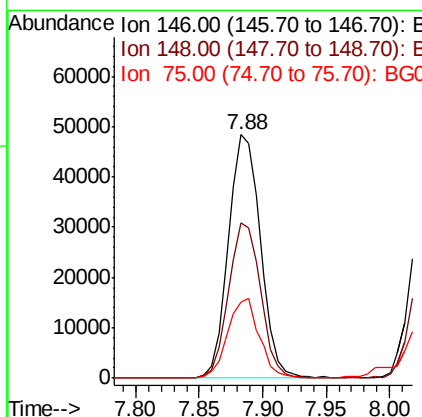
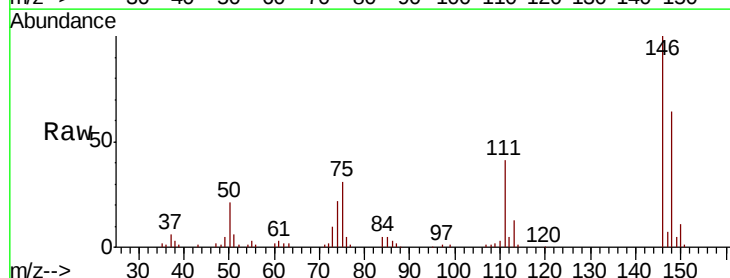
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

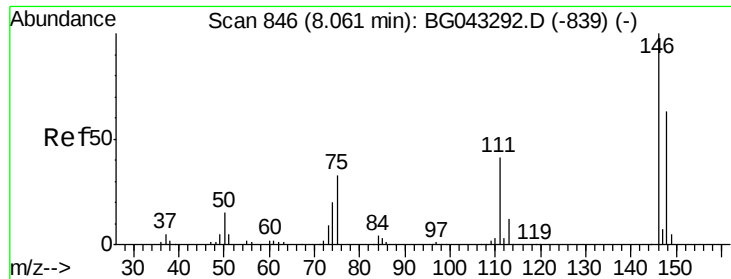
Tot Ion	93	Resp	63746
Ion	Ratio	Lower	Upper
93	100		
63	80.5	56.3	96.3
95	33.9	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 31.703 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	146	Resp	84411
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
75	31.3	24.6	37.0

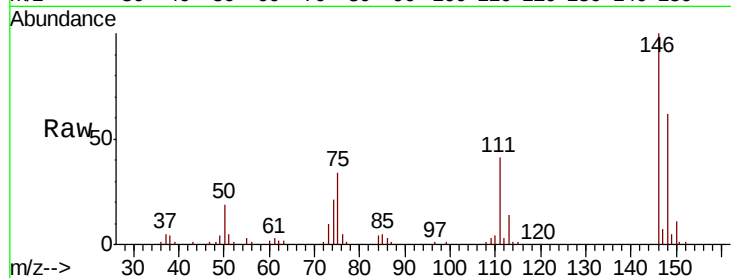




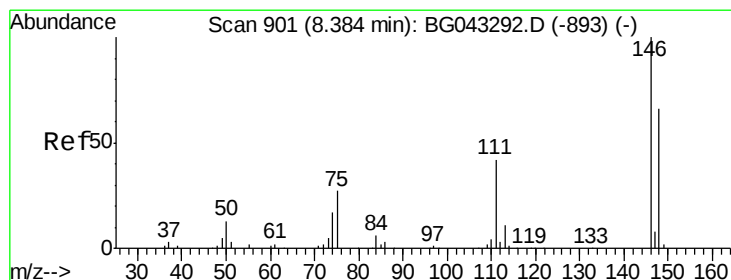
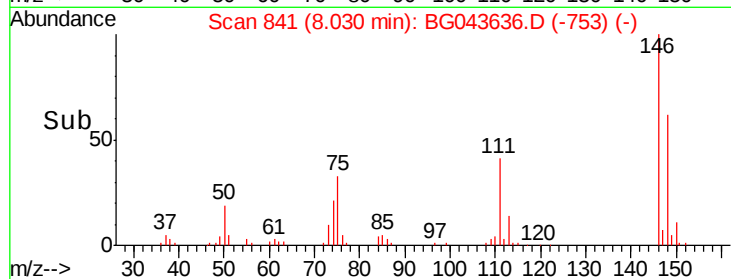
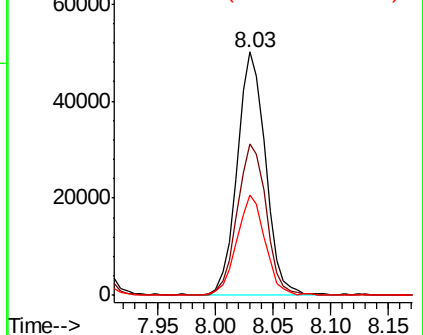
#13
 1,4-Dichlorobenzene
 Concen: 31.750 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion:146 Resp: 85532
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.7 76.1
 111 41.1 33.4 50.2

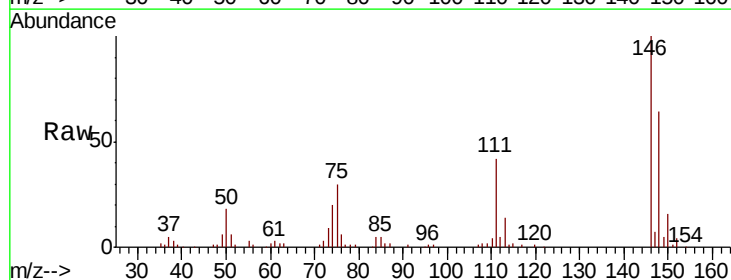


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

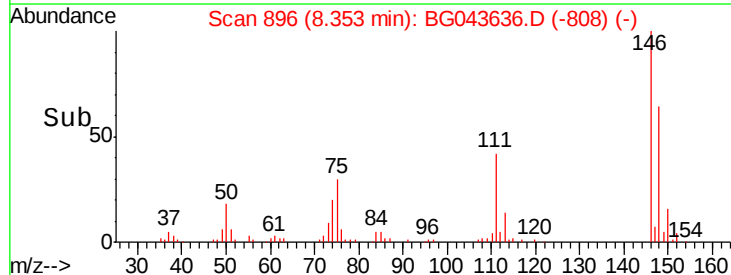
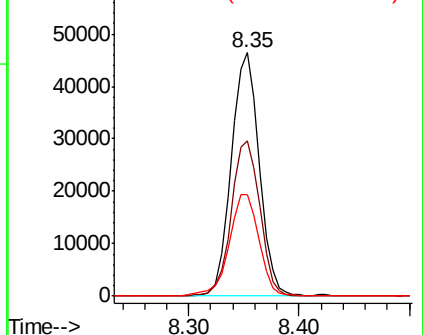


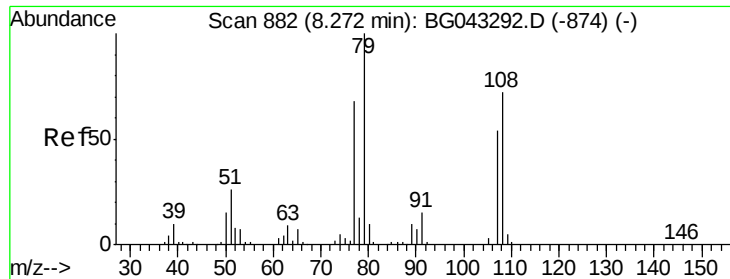
#14
 1,2-Dichlorobenzene
 Concen: 31.393 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion:146 Resp: 82573
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.2 79.8
 111 41.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 34.708 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

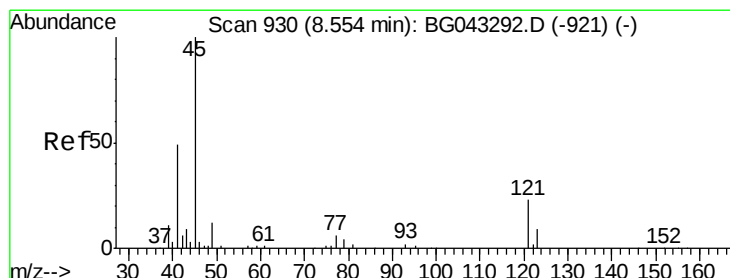
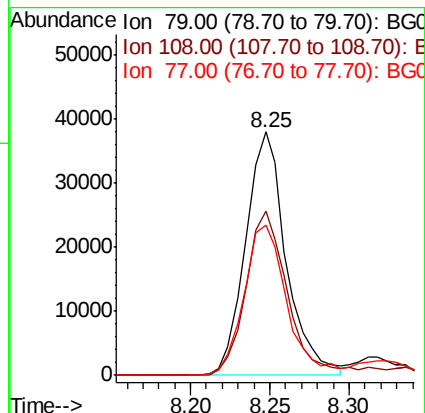
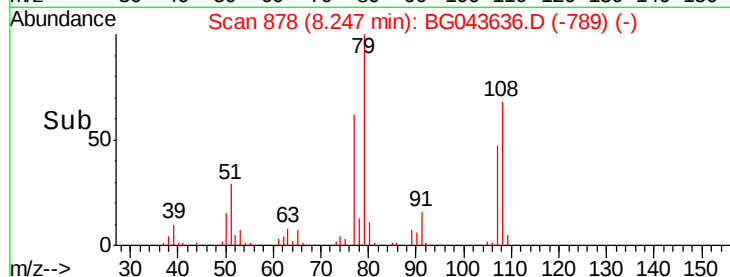
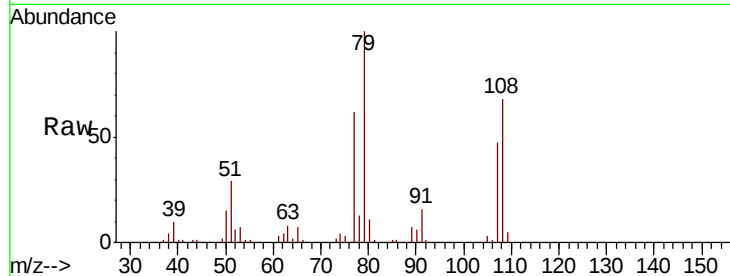
Tot Ion: 79 Resp: 67515

Ion Ratio Lower Upper

79 100

108 67.6 53.6 80.4

77 61.9 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.672 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

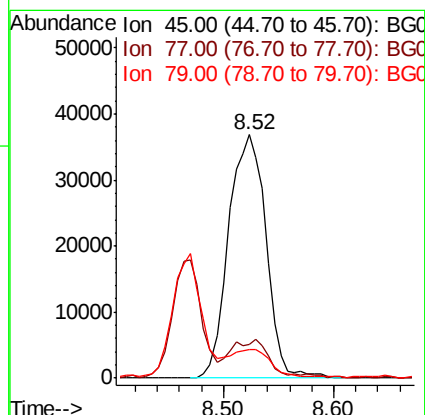
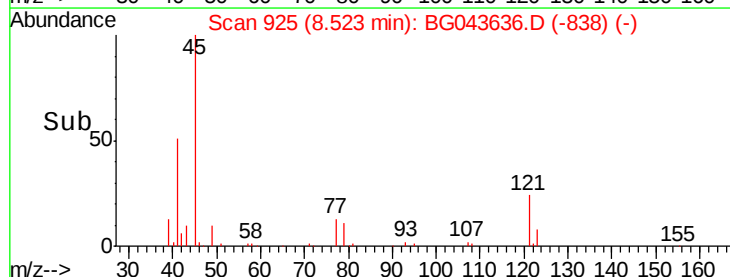
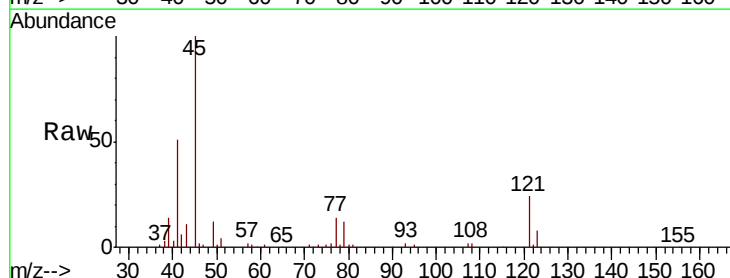
Tgt Ion: 45 Resp: 87273

Ion Ratio Lower Upper

45 100

77 13.8 0.0 34.9

79 11.9 0.0 33.0

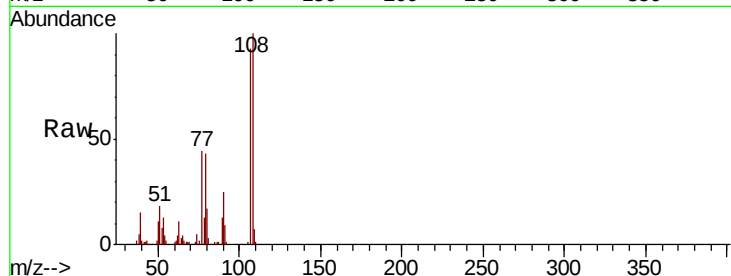




#17
2-Methylphenol
Concen: 36.009 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:	107	Resp:	66441
Ion	Ratio	Lower	Upper
107	100		
108	107.0	90.2	135.4
77	46.9	40.2	60.2
79	45.6	44.0	66.0



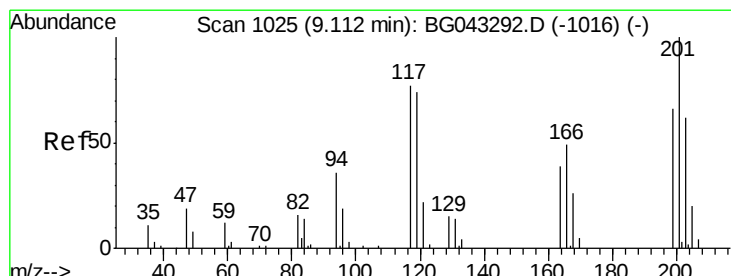
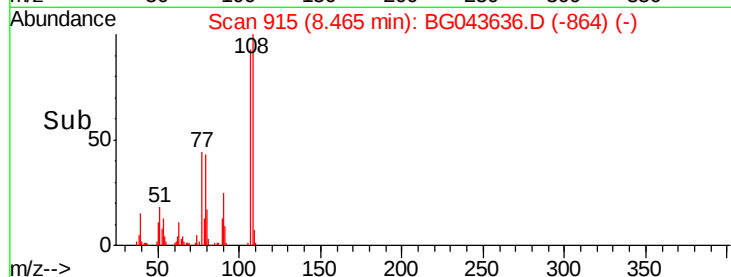
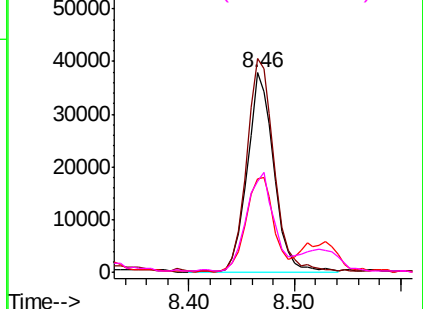
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

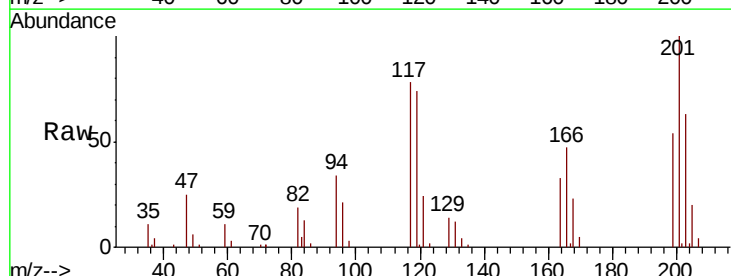
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 30.874 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:	117	Resp:	30007
Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.0	118.4
201	128.7	105.4	158.2

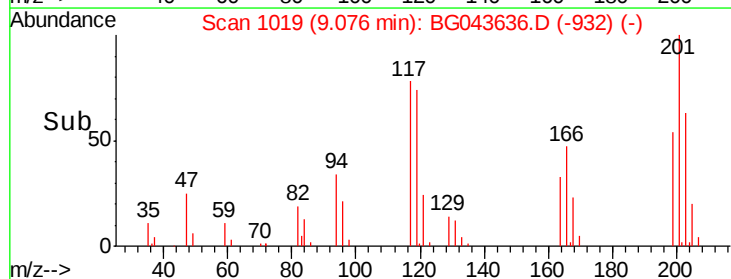
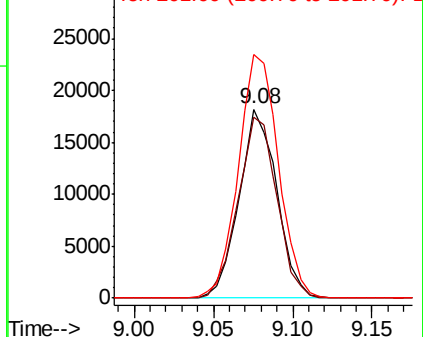


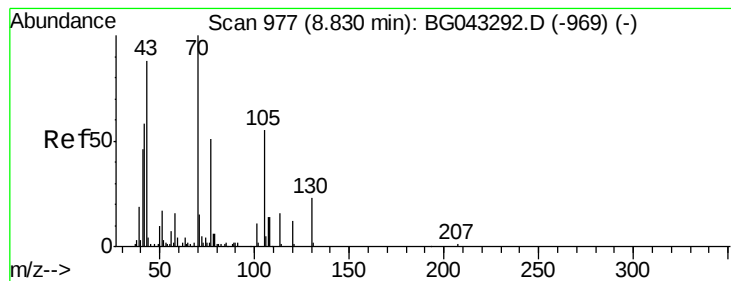
Abundance

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: 31.083 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

Tot Ion: 70 Resp: 55633

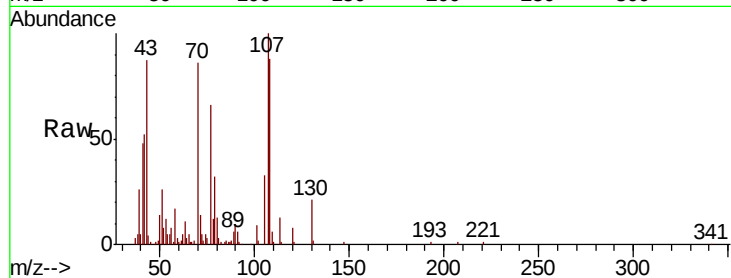
Ion Ratio Lower Upper

70 100

42 59.9 41.4 62.2

101 10.9 7.9 11.9

130 23.9 19.0 28.4



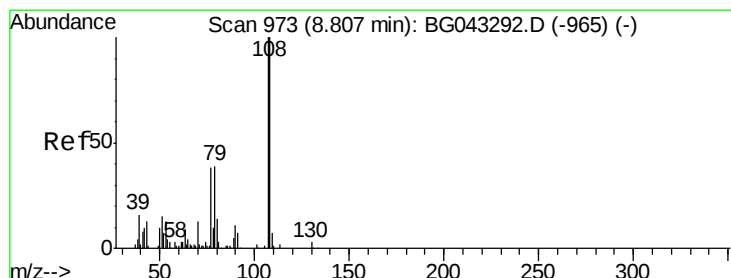
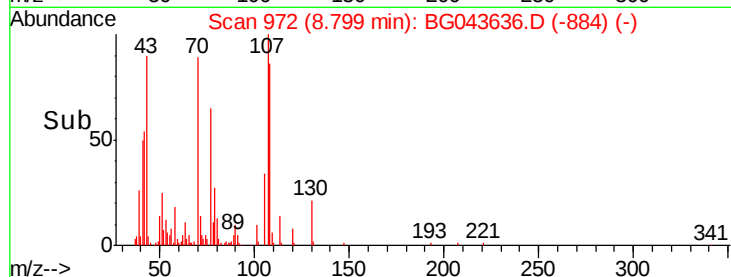
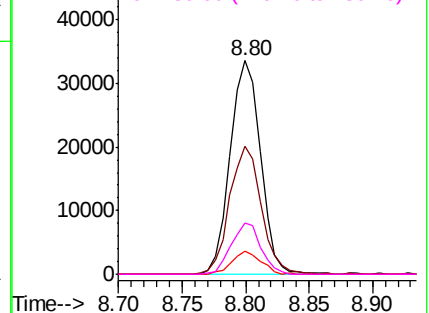
Abundance

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: 34.464 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion: 107 Resp: 87199

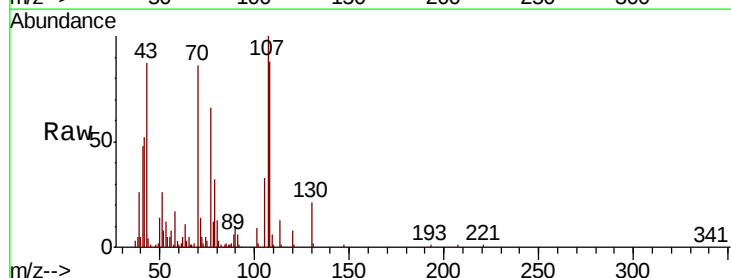
Ion Ratio Lower Upper

107 100

108 87.7 66.6 106.6

77 66.4 20.9 60.9#

79 32.0 11.3 51.3



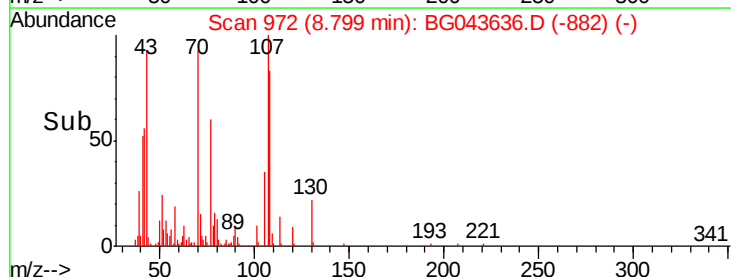
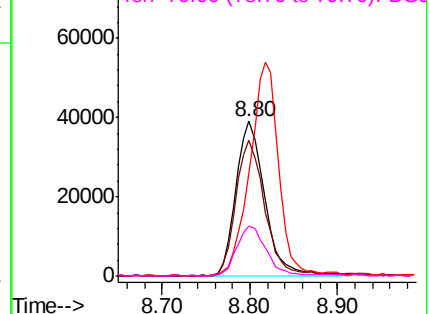
Abundance

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

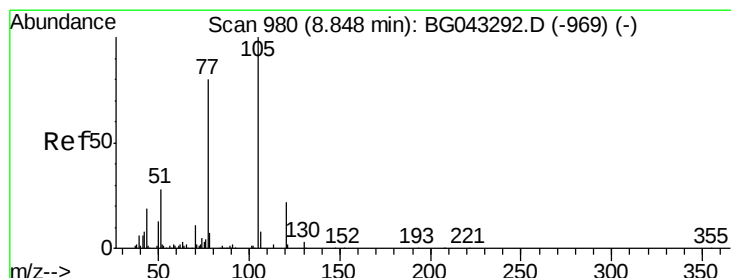
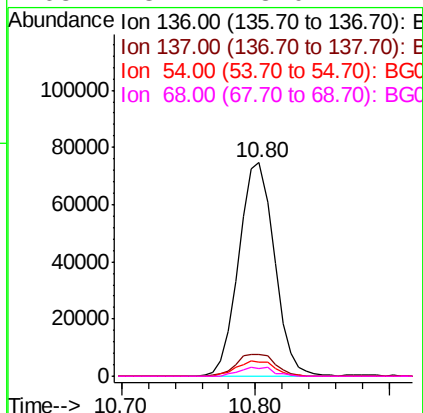
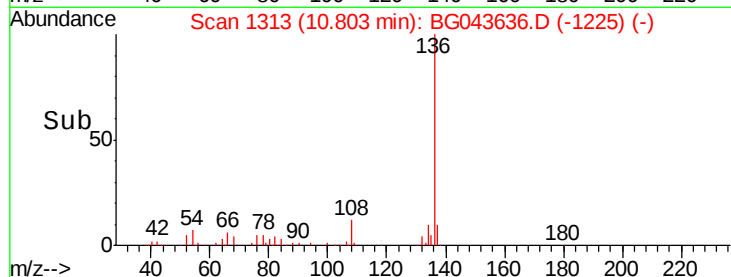
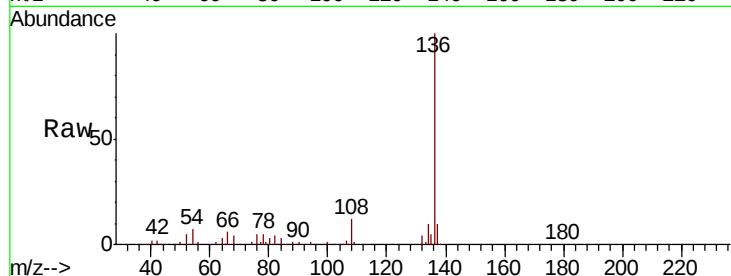




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

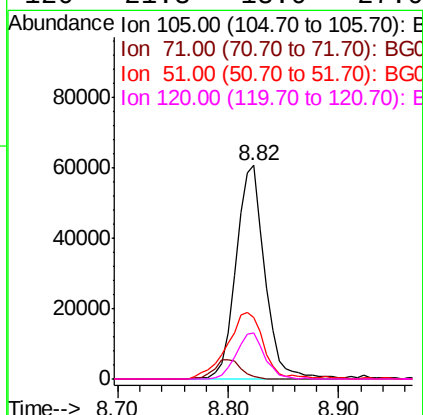
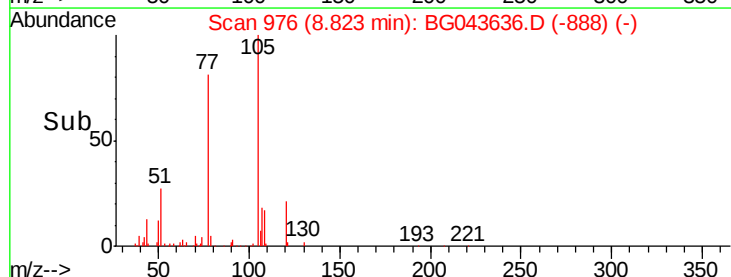
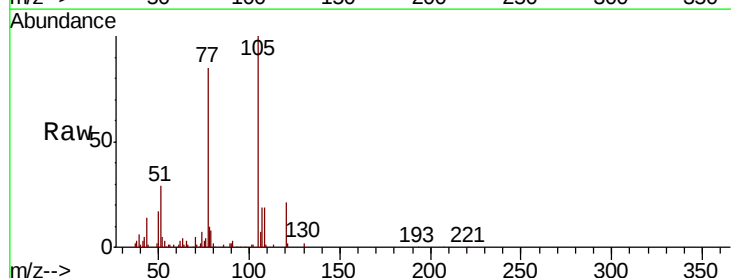
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

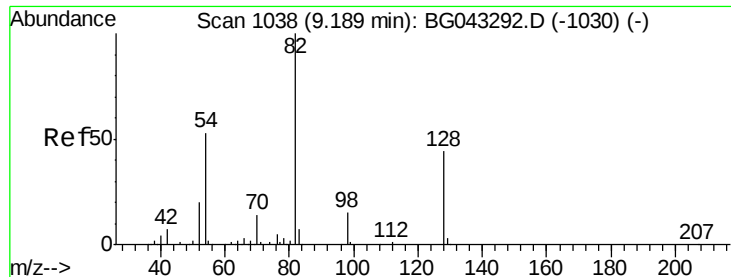
Tot Ion:136	Resp:	138692
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	6.9	5.4 8.2
68	3.7	3.0 4.4



#22
Acetophenone
Concen: 31.210 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:105	Resp:	110849
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.8 1.2
51	29.0	21.0 31.4
120	21.3	18.0 27.0

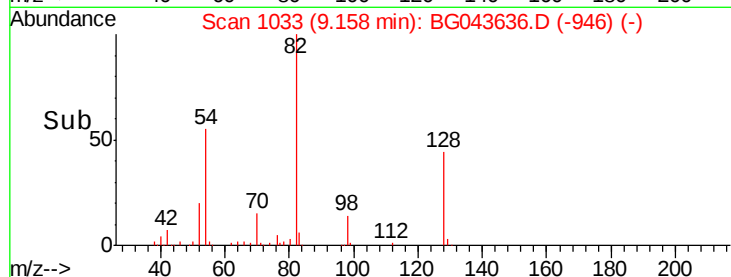
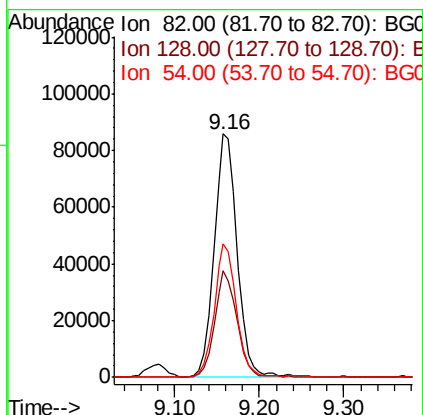
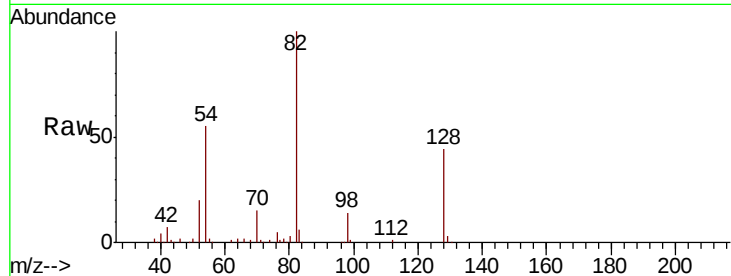




#23
 Nitrobenzene-d5
 Concen: 60.627 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

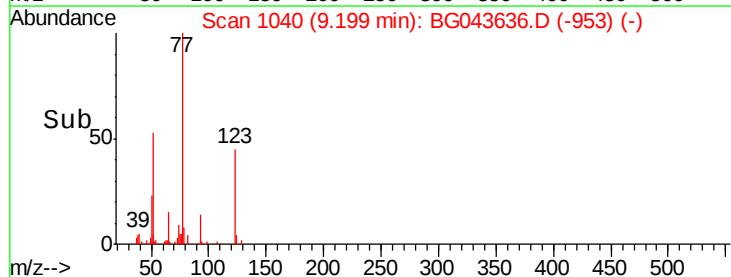
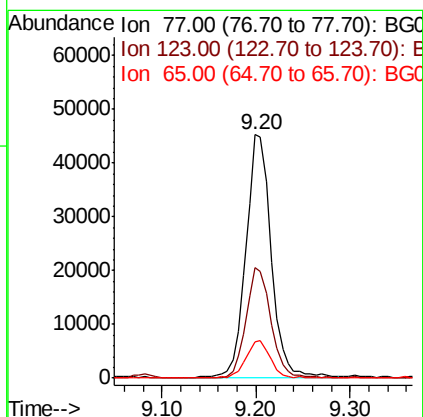
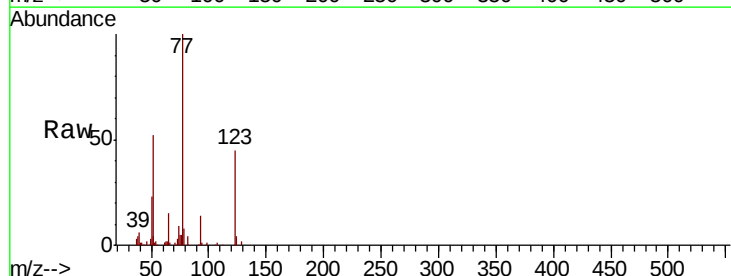
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

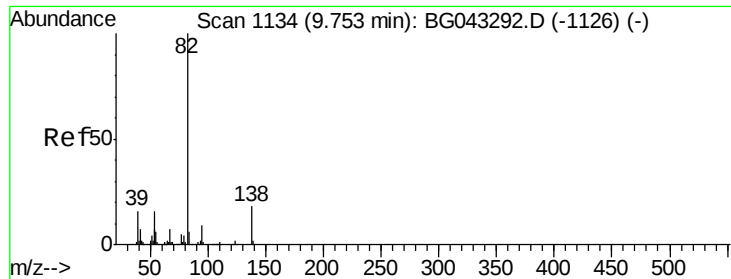
Tot Ion	82	Resp	163098
Ion Ratio	100	Lower	Upper
128	44.0	35.0	52.6
54	54.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 33.199 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	77	Resp	85080
Ion Ratio	100	Lower	Upper
123	45.2	35.0	52.6
65	14.7	9.5	14.3#

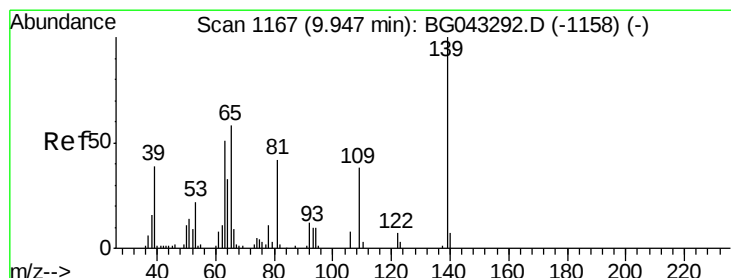
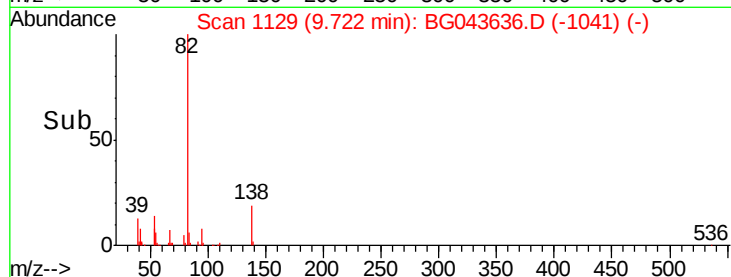
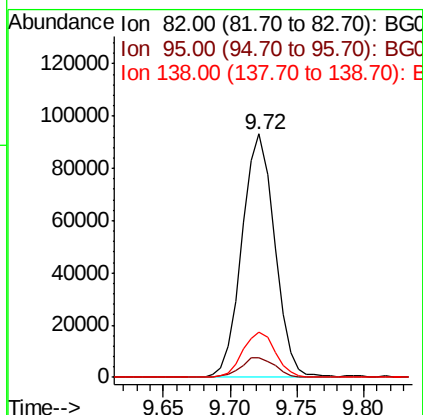
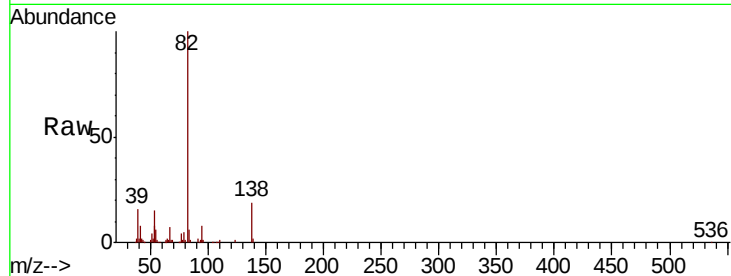




#25
Isophorone
Concen: 32.097 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

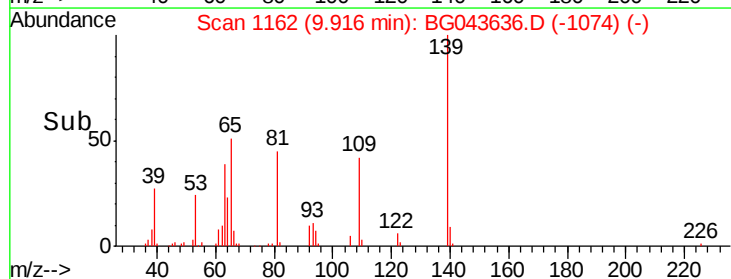
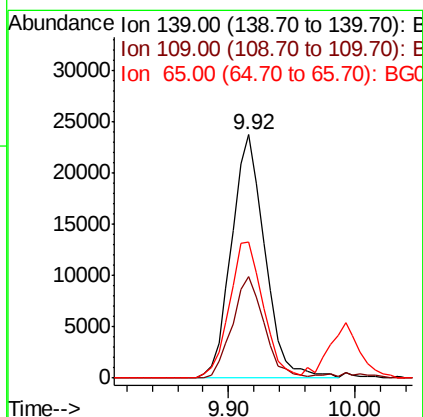
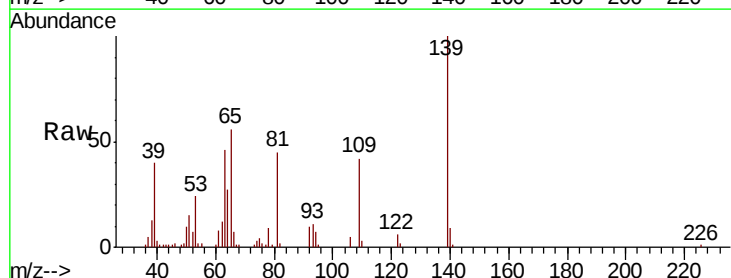
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

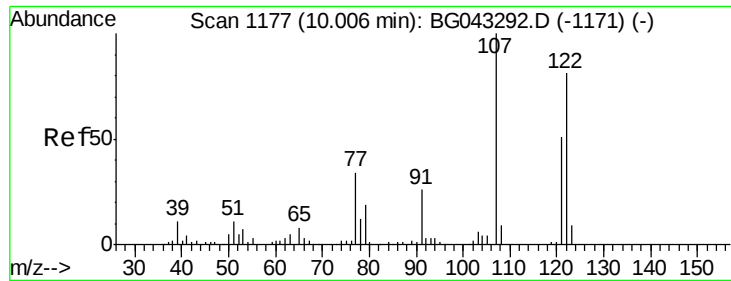
Tot Ion: 82 Resp: 157866
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 18.6 15.2 22.8



#26
2-Nitrophenol
Concen: 34.943 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion: 139 Resp: 43233
Ion Ratio Lower Upper
139 100
109 41.9 26.5 39.7#
65 55.9 43.8 65.8

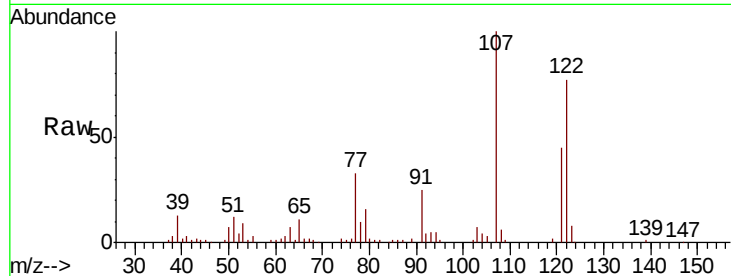




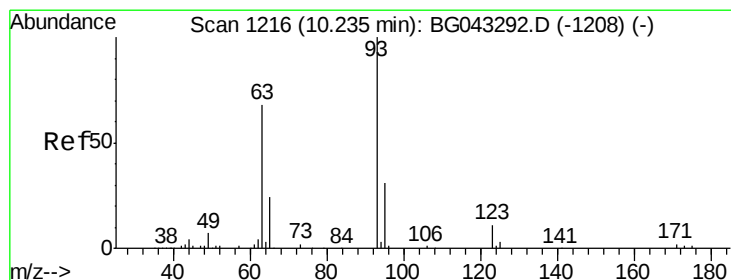
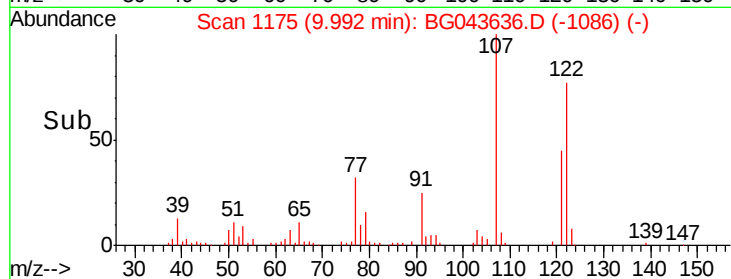
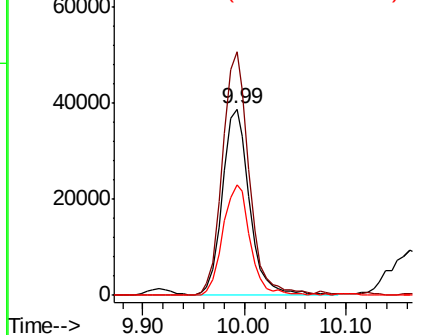
#27
 2,4-Dimethylphenol
 Concen: 40.837 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion:122 Resp: 72416
 Ion Ratio Lower Upper
 122 100
 107 130.4 104.4 156.6
 121 59.0 47.2 70.8

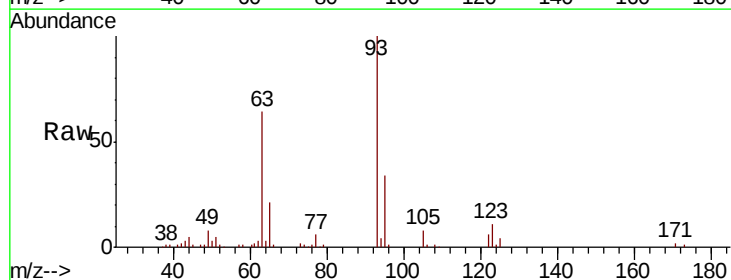


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

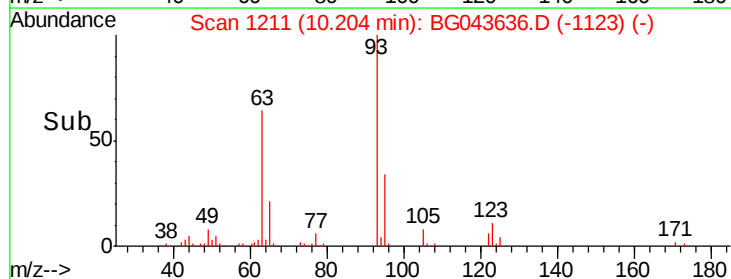
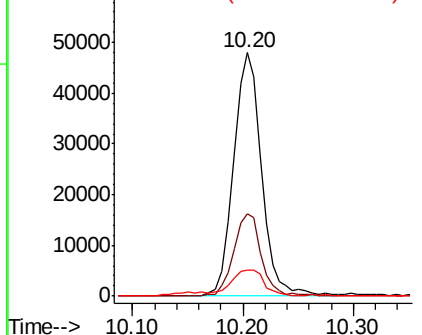


#28
 bis(2-Chloroethoxy)methane
 Concen: 31.489 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion: 93 Resp: 85479
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.0 39.0
 123 10.7 10.6 15.8



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





#29

2,4-Dichlorophenol

Concen: 35.910 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

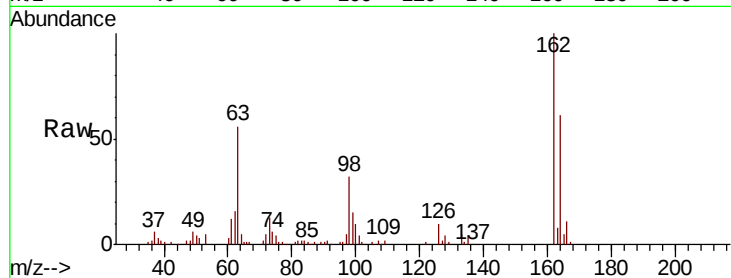
Tot Ion:162 Resp: 81591

Ion Ratio Lower Upper

162 100

164 60.7 48.9 88.9

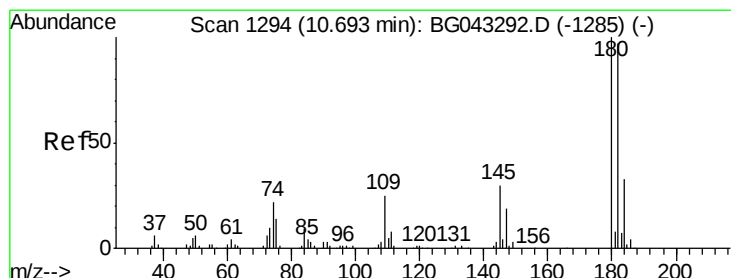
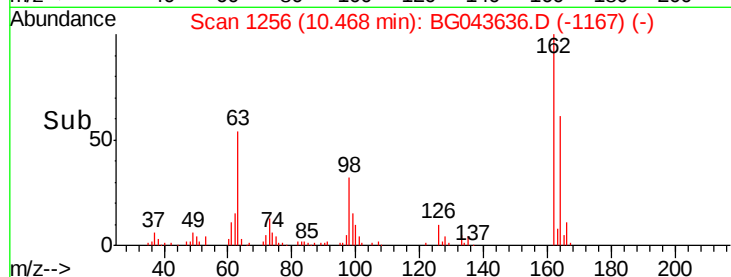
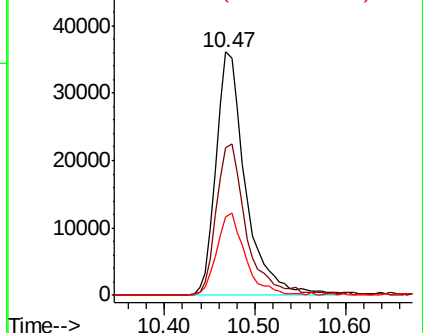
98 32.4 15.1 55.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 31.431 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

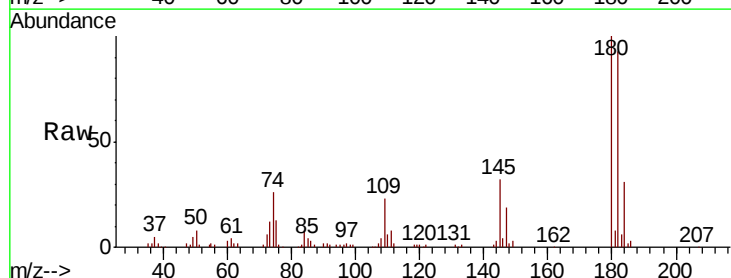
Tgt Ion:180 Resp: 90008

Ion Ratio Lower Upper

180 100

182 93.4 75.1 112.7

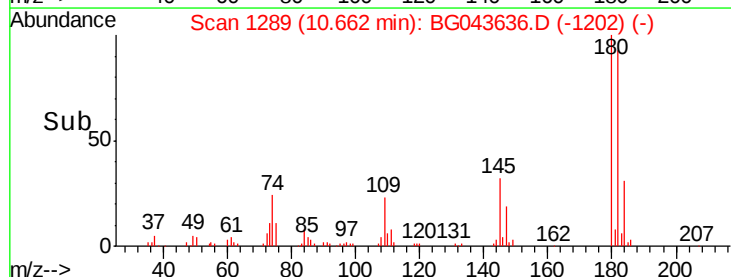
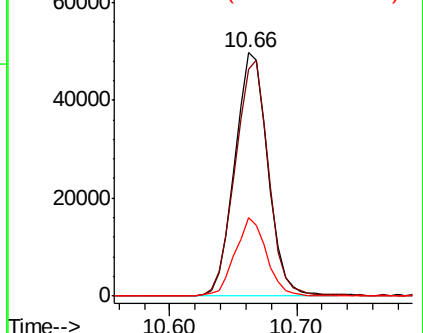
145 32.1 23.9 35.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

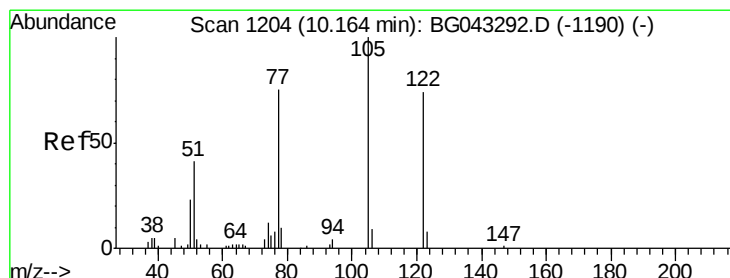
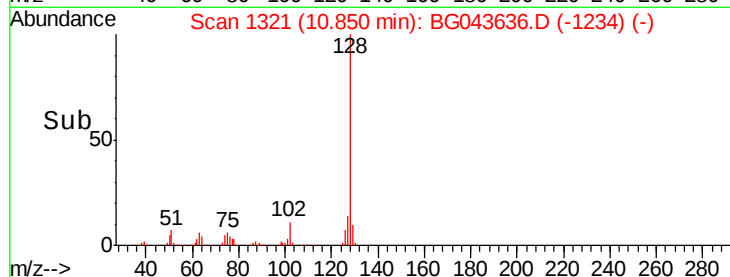
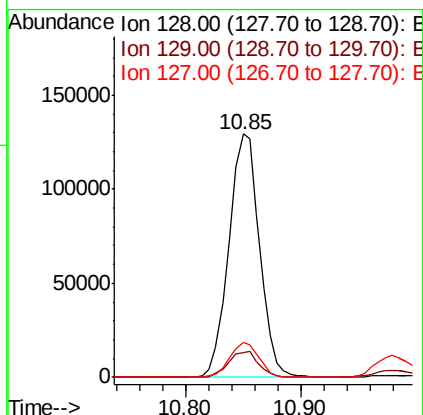
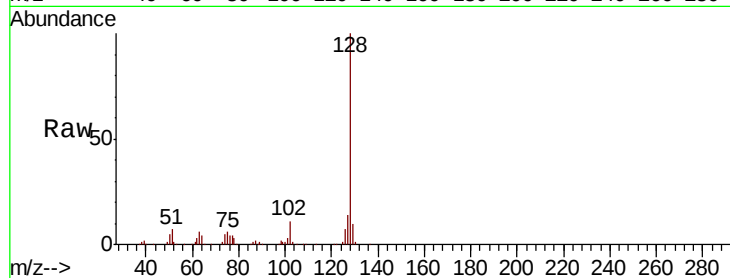




#31
Naphthalene
Concen: 33.836 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

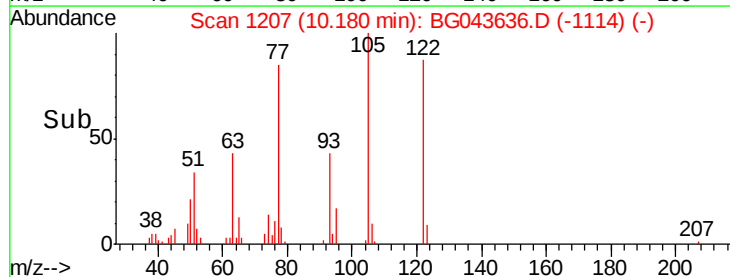
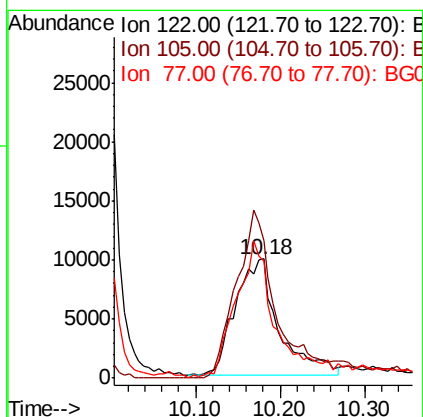
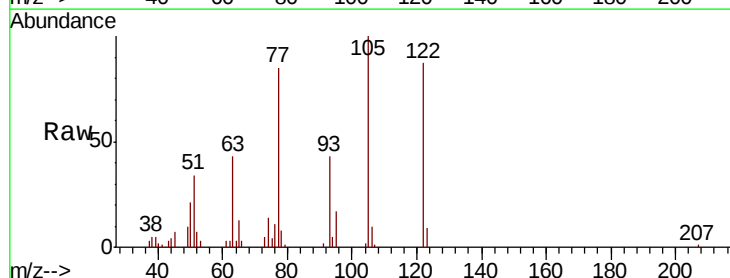
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:128 Resp: 238206
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.0
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 30.408 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:122 Resp: 35639
Ion Ratio Lower Upper
122 100
105 115.0 103.3 143.3
77 97.8 84.9 124.9

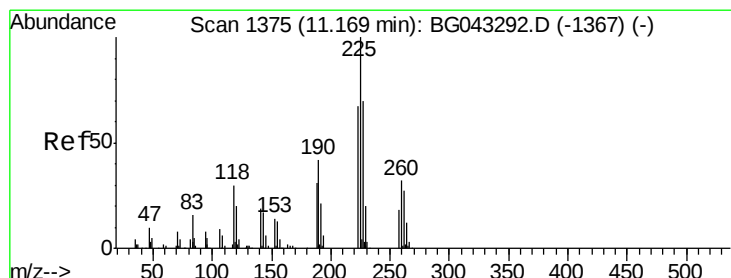
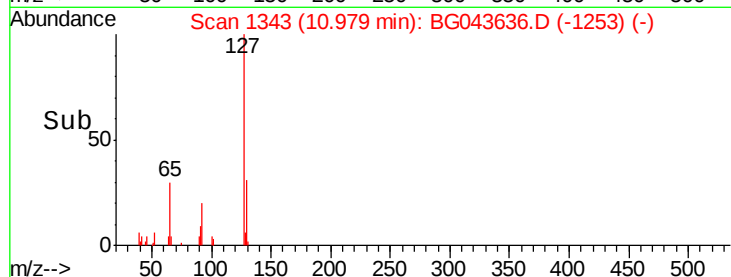
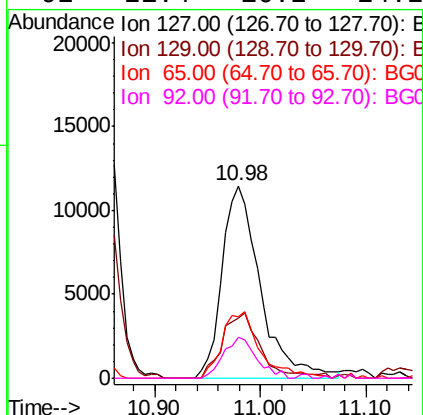
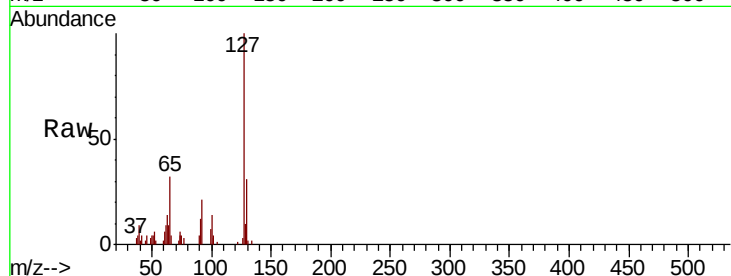




#33
4-Chloroaniline
Concen: 10.009 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

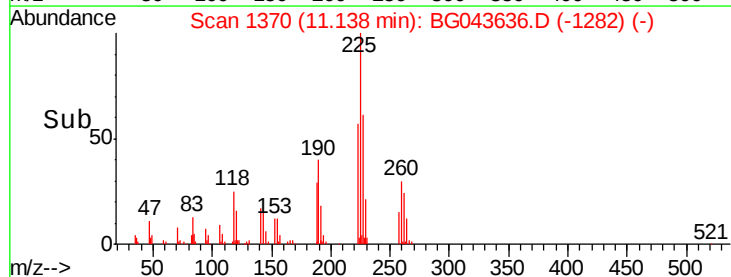
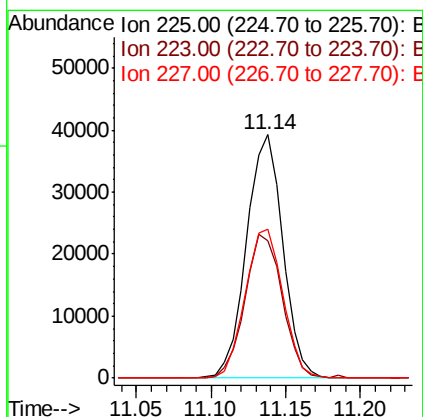
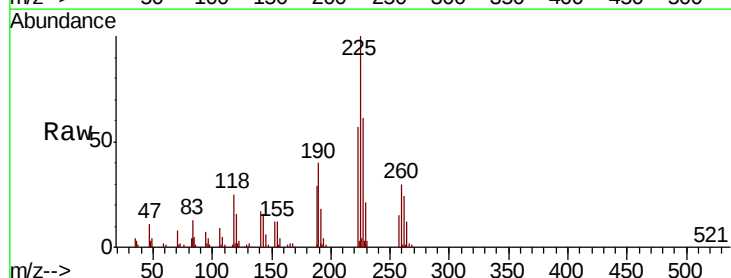
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

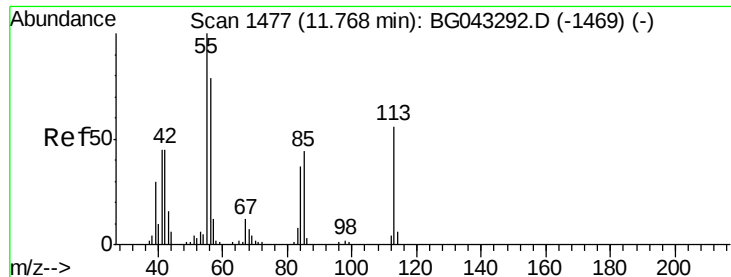
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.4	26.5	39.7	
65	32.2	26.4	39.6	
92	21.4	16.2	24.2	



#34
Hexachlorobutadiene
Concen: 31.077 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	56.7	52.7	79.1	
227	61.4	54.8	82.2	





#35

Caprolactam

Concen: 21.416 ng

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

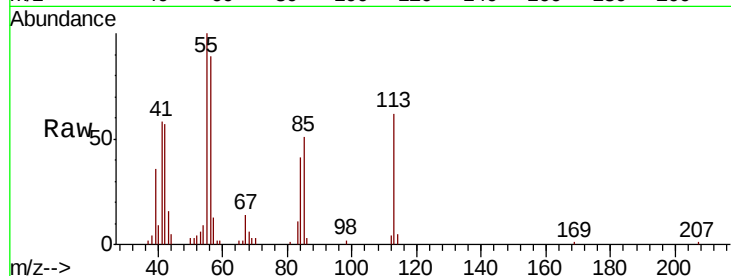
Tot Ion:113 Resp: 16758

Ion Ratio Lower Upper

113 100

55 160.5 134.1 174.1

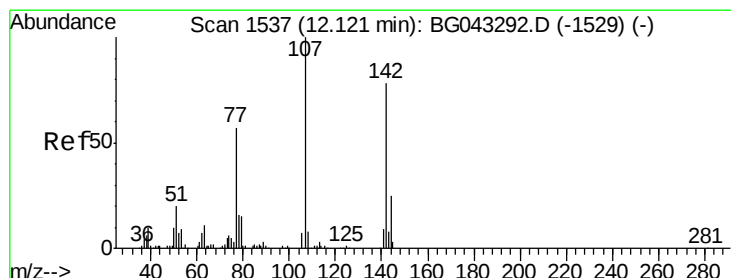
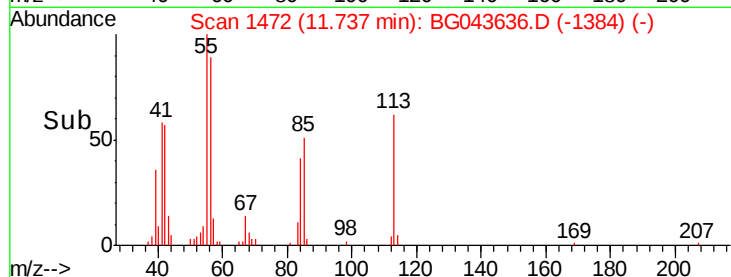
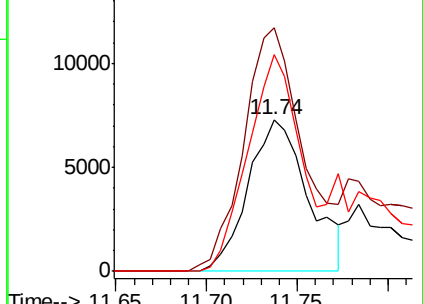
56 142.8 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 34.115 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

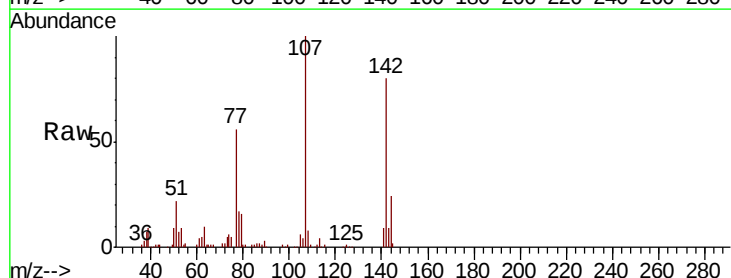
Tgt Ion:107 Resp: 84548

Ion Ratio Lower Upper

107 100

144 23.9 20.9 31.3

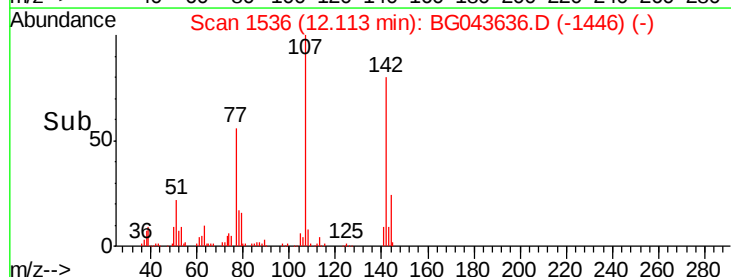
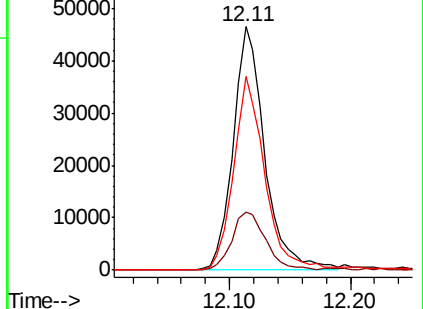
142 79.6 59.6 89.4



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

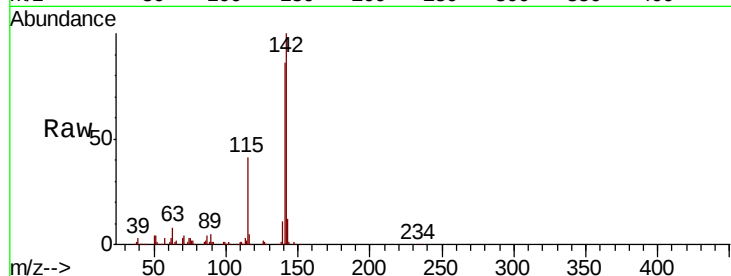




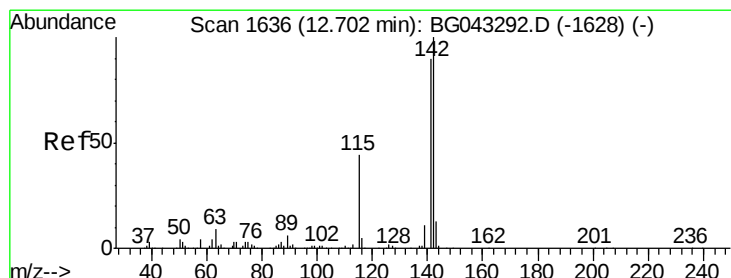
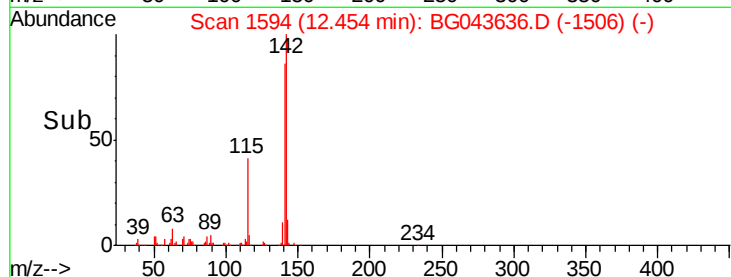
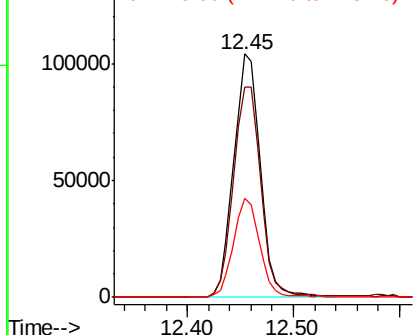
#37
2-Methylnaphthalene
Concen: 33.550 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.2	108.2
115	40.6	33.2	49.8

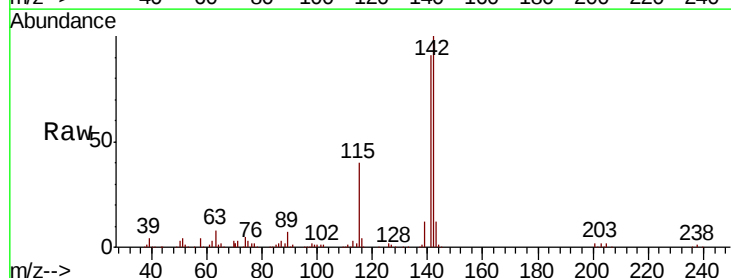


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

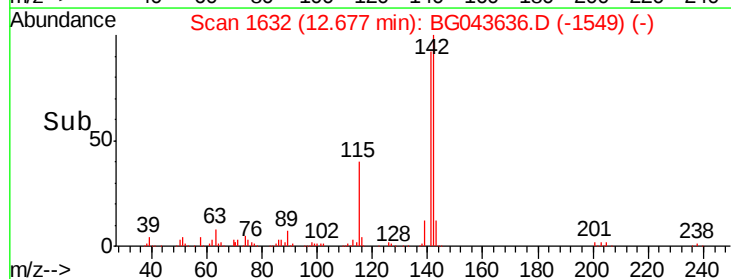
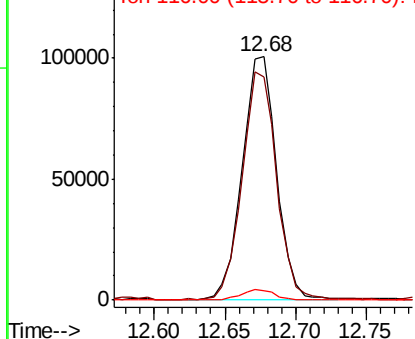


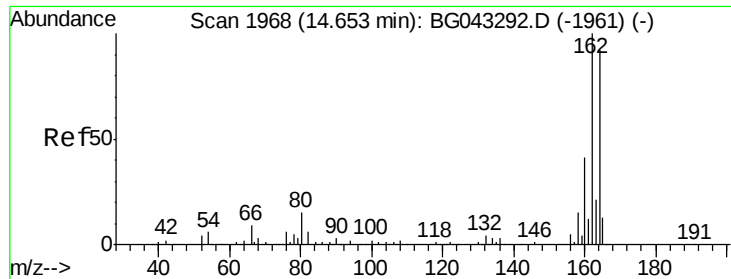
#38
1-Methylnaphthalene
Concen: 33.202 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
116	4.1	3.6	5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

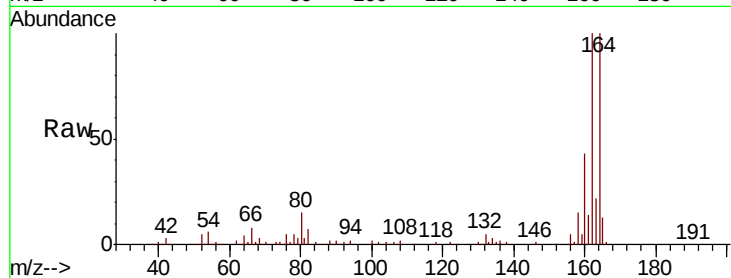
Tot Ion:164 Resp: 97624

Ion Ratio Lower Upper

164 100

162 100.2 83.5 125.3

160 42.7 36.5 54.7

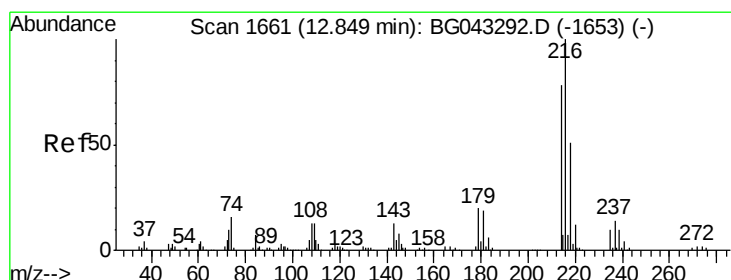
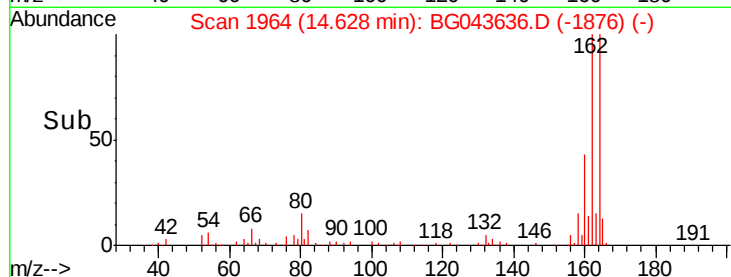
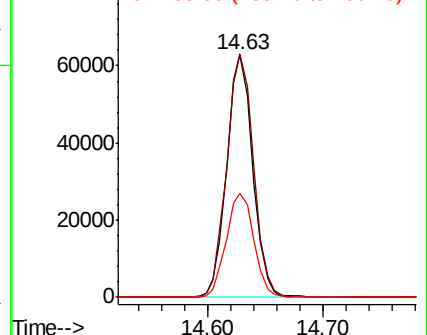


Abundance

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: 31.957 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:216 Resp: 115459

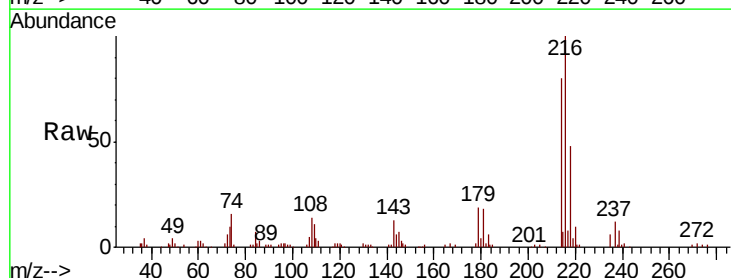
Ion Ratio Lower Upper

216 100

214 80.9 61.7 92.5

179 18.9 15.8 23.8

108 16.3 11.5 17.3



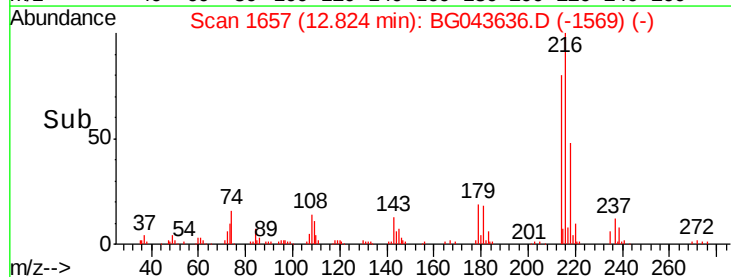
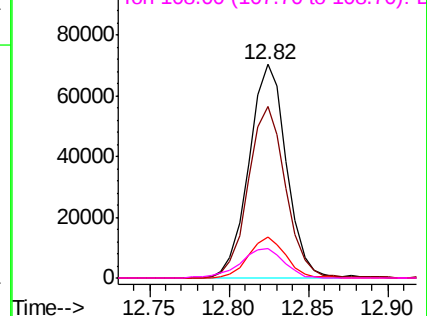
Abundance

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

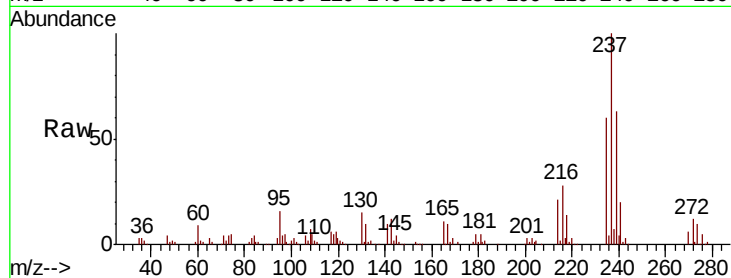




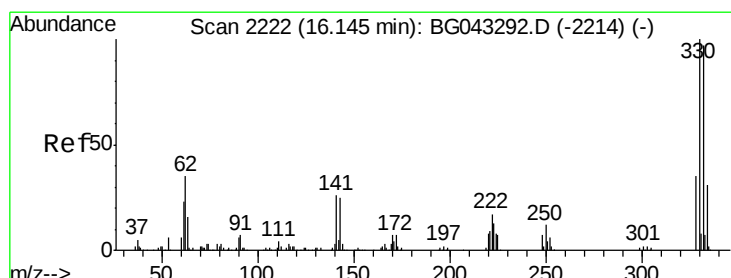
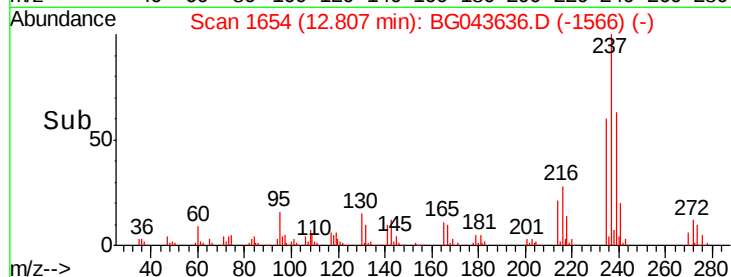
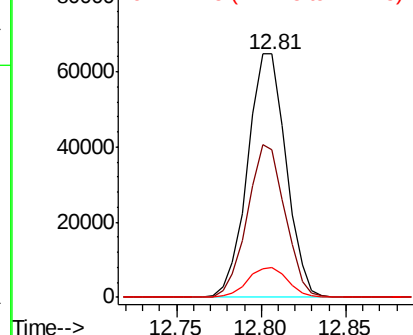
#41
Hexachlorocyclopentadiene
Concen: 54.164 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:237 Resp: 102798
Ion Ratio Lower Upper
237 100
235 60.4 41.6 81.6
272 12.3 0.0 32.5

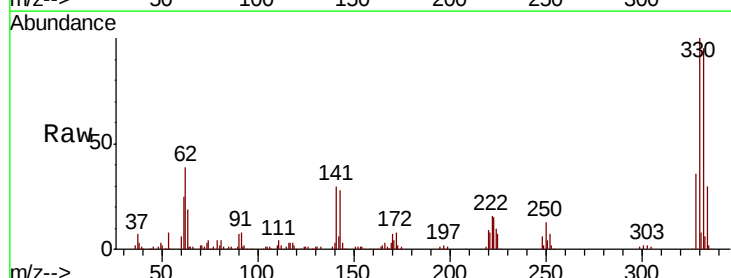


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

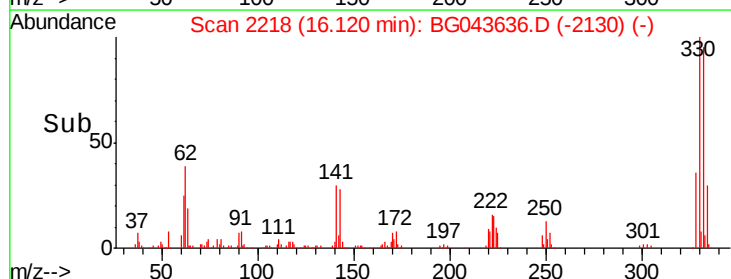
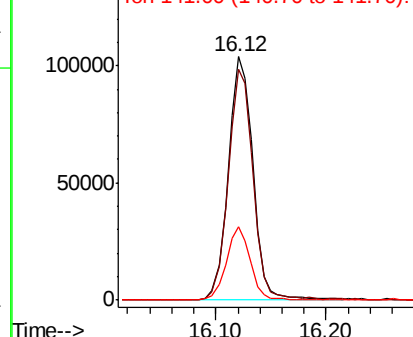


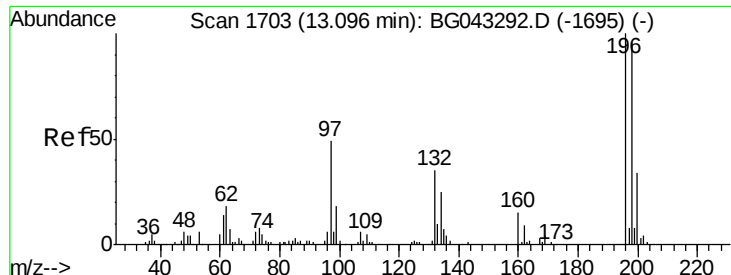
#42
2,4,6-Tribromophenol
Concen: 87.313 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:330 Resp: 162209
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 29.0 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

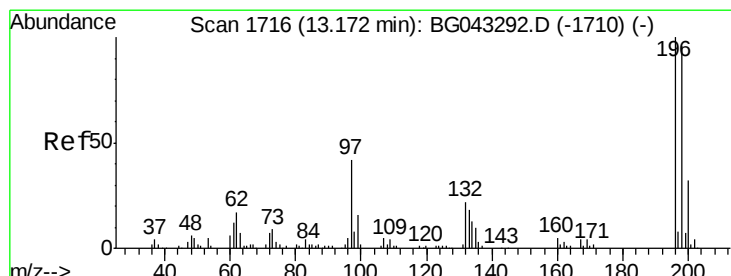
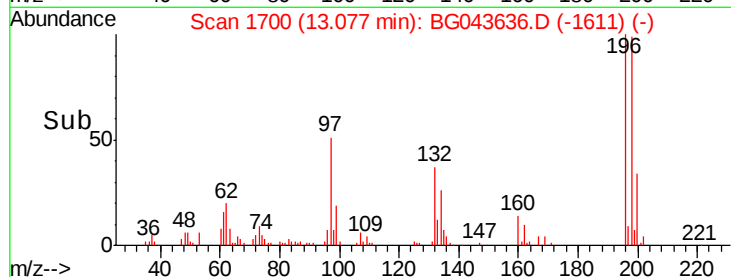
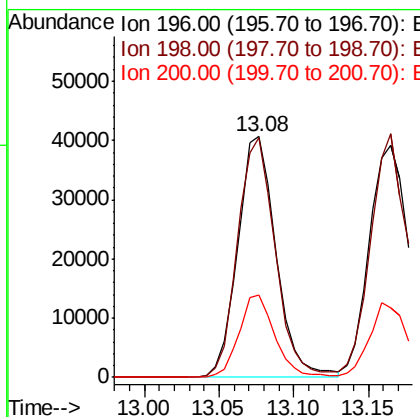
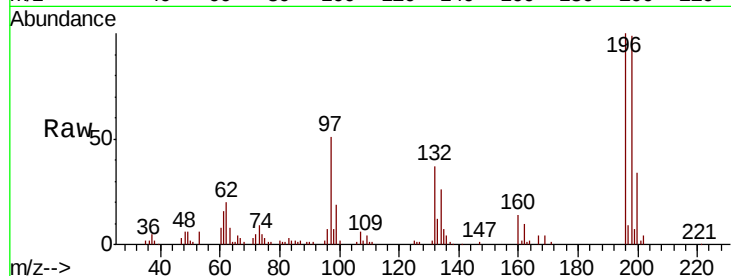




#43
 2,4,6-Trichlorophenol
 Concen: 34.015 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

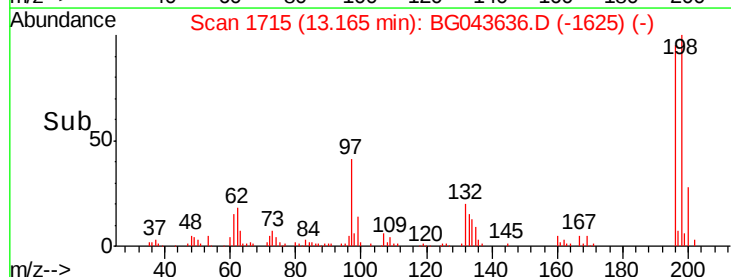
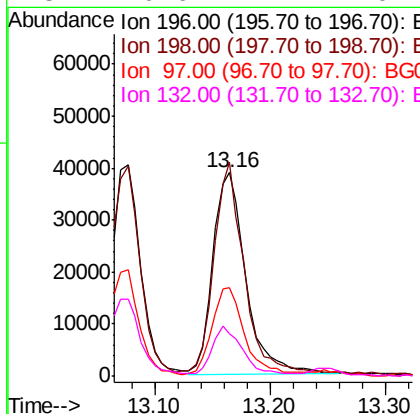
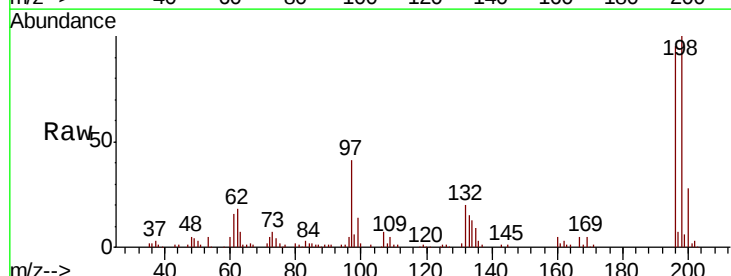
Instrument :
 BNA_G
 ClientSampled :
 TP-14B-SMS

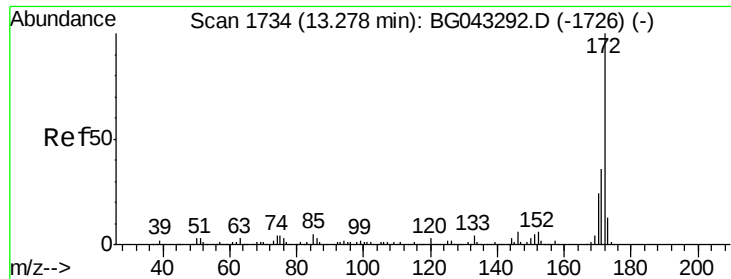
Tot Ion:196 Resp: 72373
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 200 34.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 35.579 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion:196 Resp: 76532
 Ion Ratio Lower Upper
 196 100
 198 105.0 74.5 111.7
 97 43.3 36.3 54.5
 132 20.6 17.4 26.2

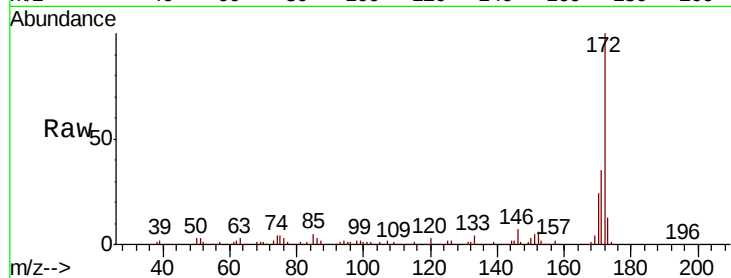




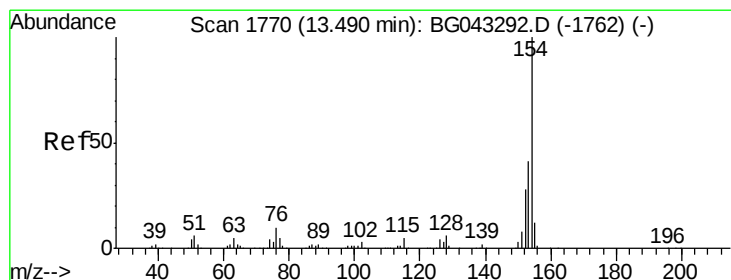
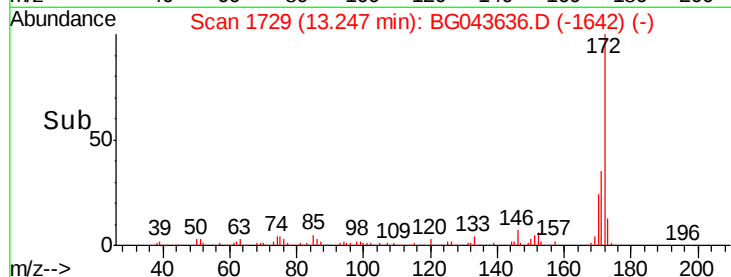
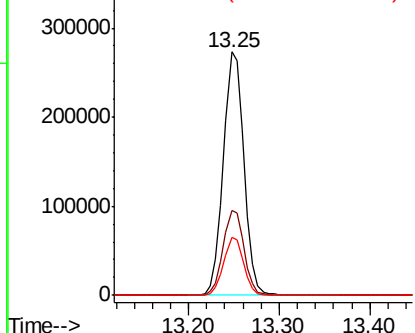
#45
2-Fluorobiphenyl
Concen: 60.784 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.7	18.5	27.7

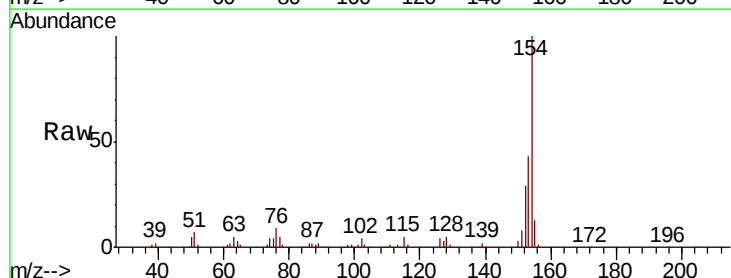


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

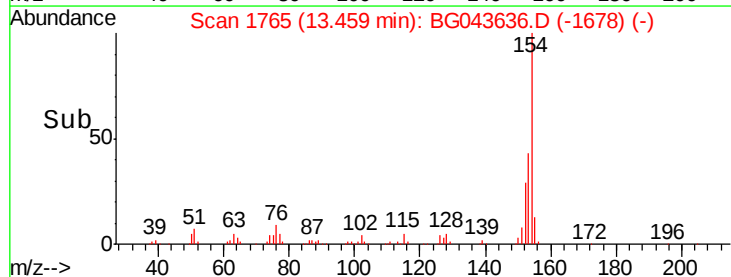
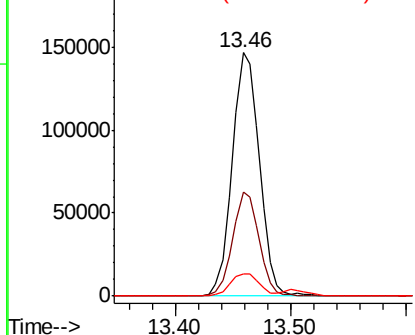


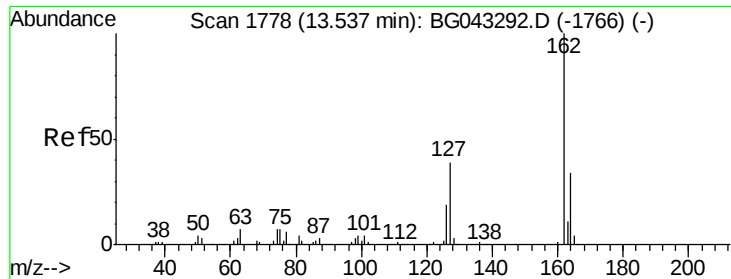
#46
1,1'-Biphenyl
Concen: 32.199 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.9	59.9
76	9.0	0.0	29.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

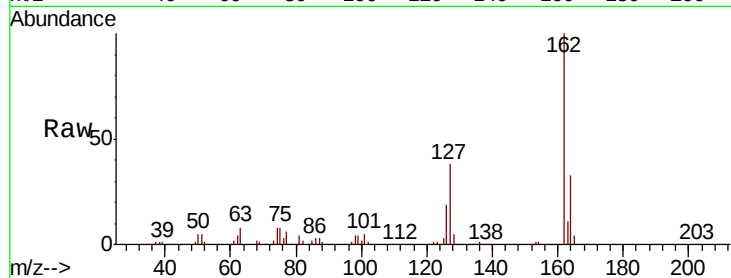




#47
2-Chloronaphthalene
Concen: 32.612 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.2	46.8
164	32.9	25.8	38.8

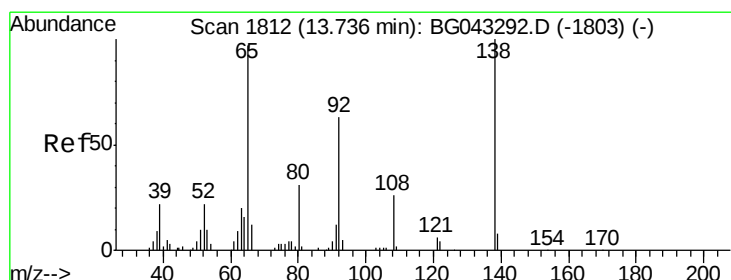
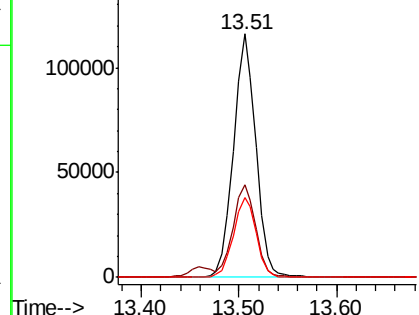
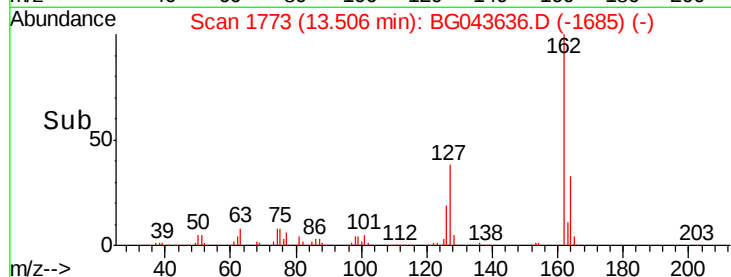


Abundance

Ion 162.00 (161.70 to 162.70): E

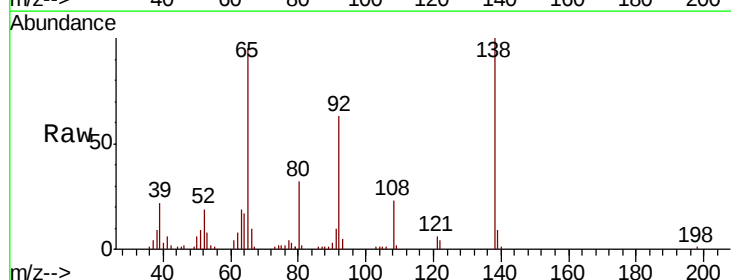
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 33.255 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	56.2	84.2
138	105.0	82.6	123.8

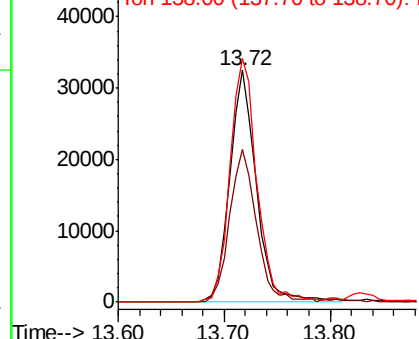
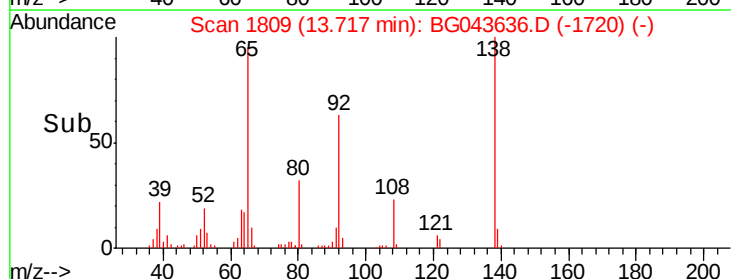


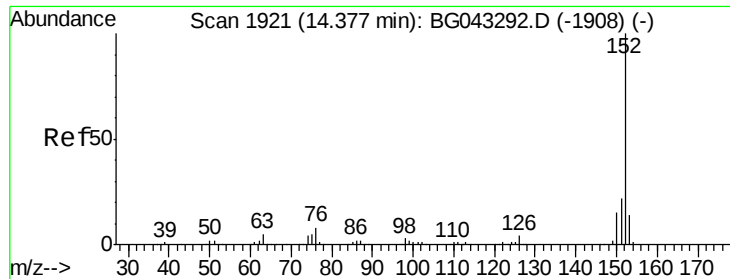
Abundance

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: 34.336 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

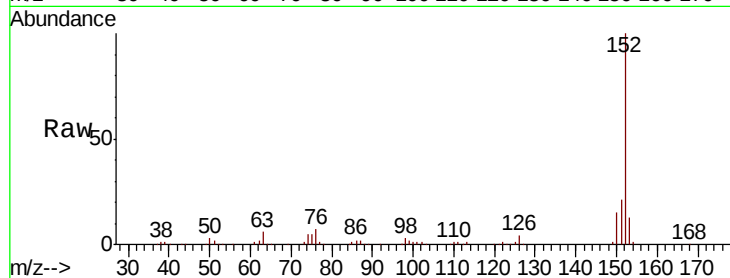
Tot Ion:152 Resp: 301968

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

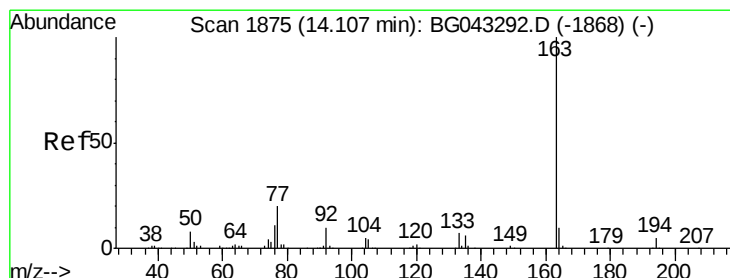
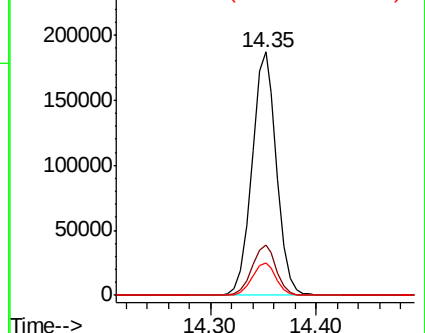
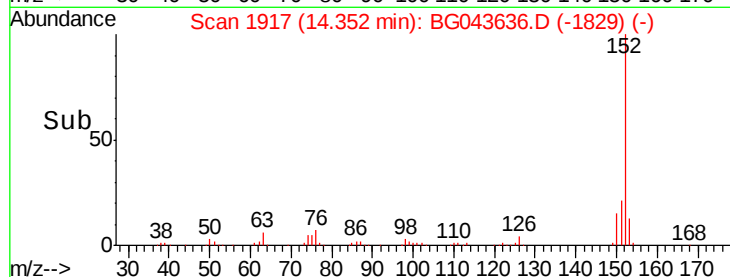
153 13.1 10.6 15.8



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: 39.893 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

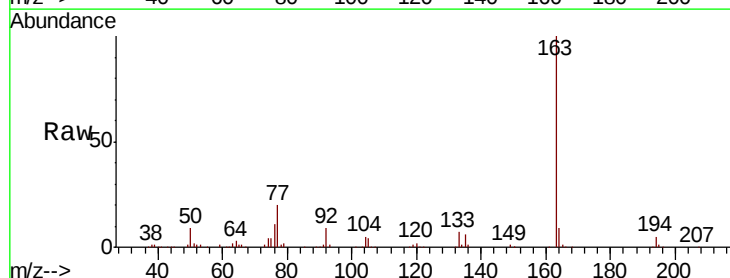
Tgt Ion:163 Resp: 301655

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

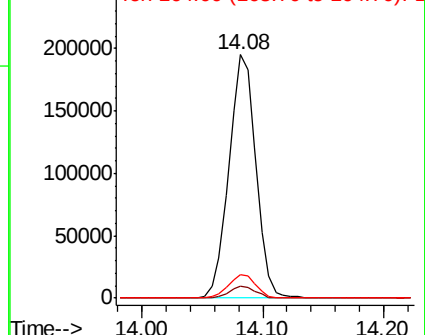
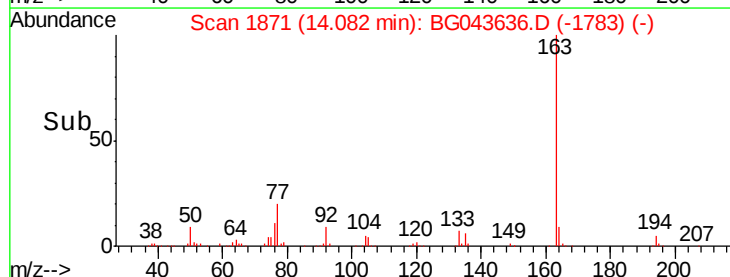
164 9.5 8.9 13.3



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

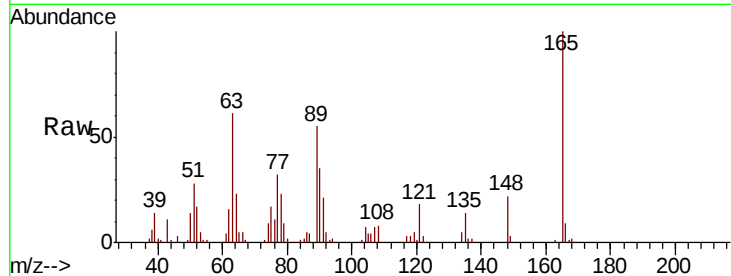




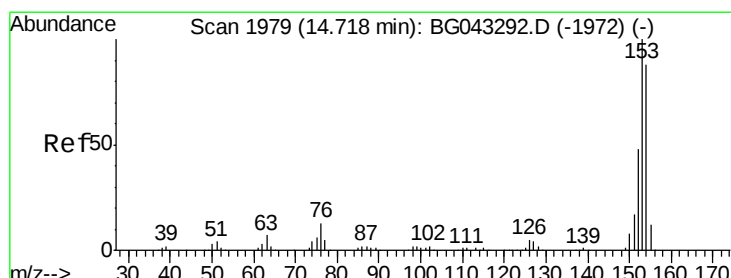
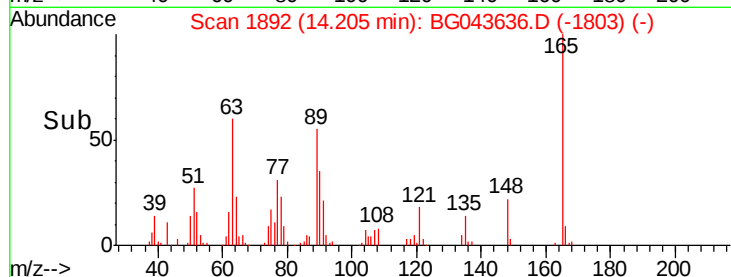
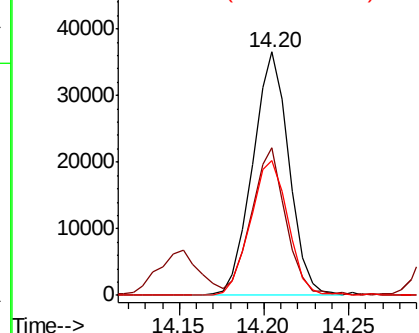
#51
2,6-Dinitrotoluene
Concen: 33.252 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampled :
TP-14B-SMS

Tot Ion:165 Resp: 54625
Ion Ratio Lower Upper
165 100
63 60.7 46.6 69.8
89 55.5 45.1 67.7

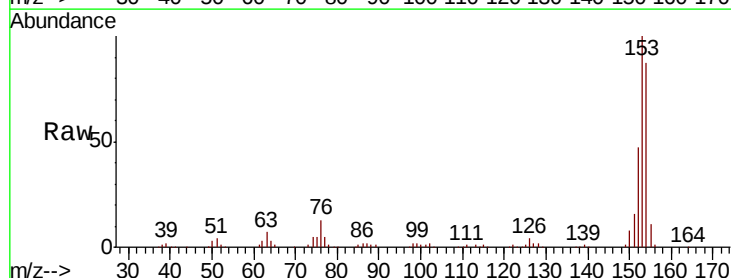


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

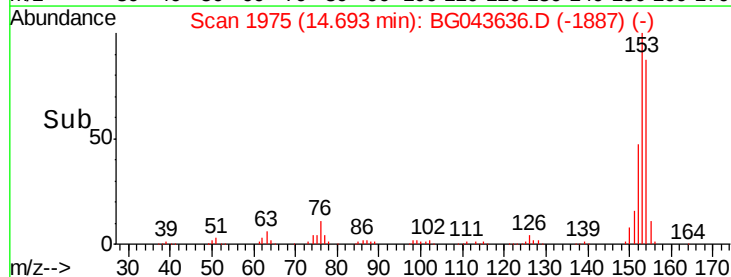
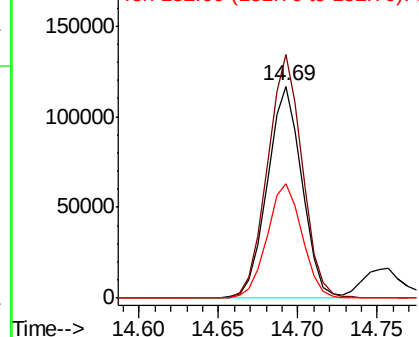


#52
Acenaphthene
Concen: 33.050 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:154 Resp: 177254
Ion Ratio Lower Upper
154 100
153 114.9 88.2 132.2
152 54.0 40.0 60.0



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





#53

3-Nitroaniline

Concen: 17.270 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

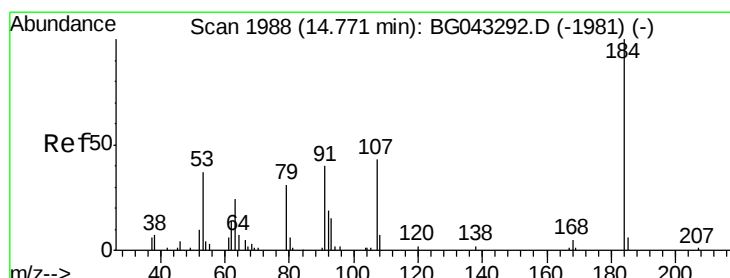
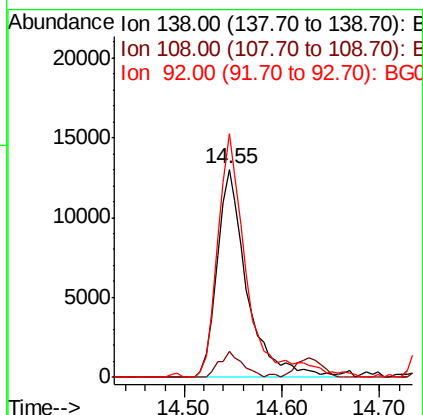
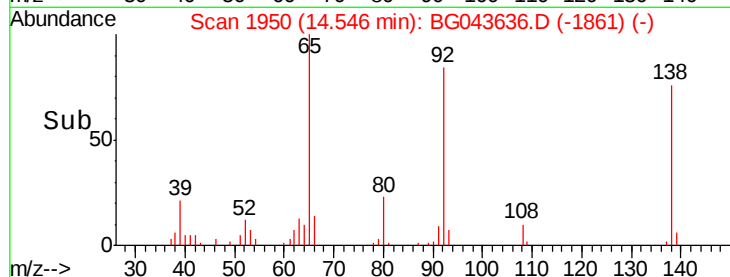
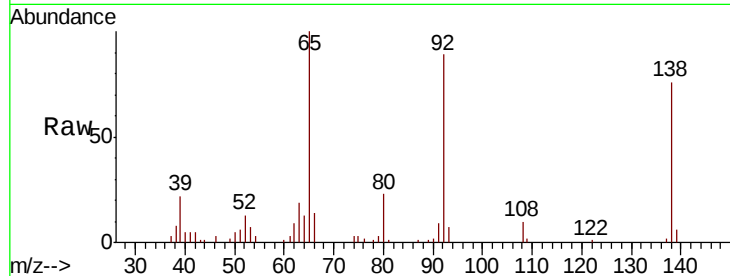
Tot Ion:138 Resp: 27391

Ion Ratio Lower Upper

138 100

108 12.6 8.0 12.0#

92 117.0 90.9 136.3



#54

2,4-Dinitrophenol

Concen: 50.770 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

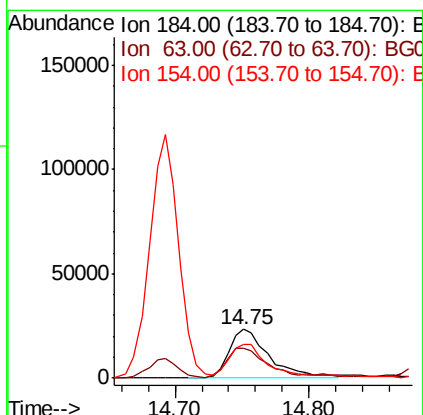
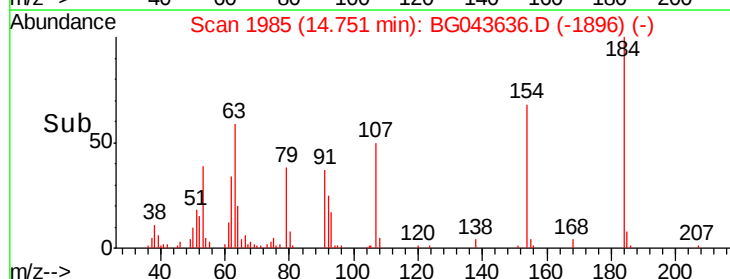
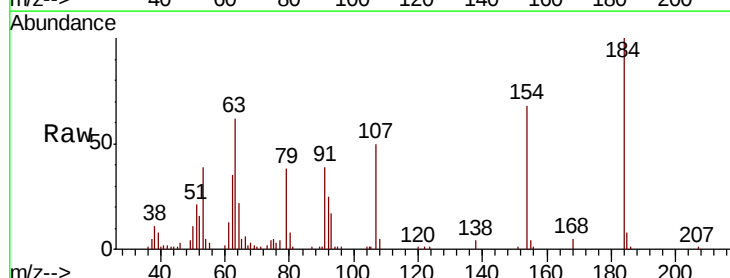
Tgt Ion:184 Resp: 49078

Ion Ratio Lower Upper

184 100

63 61.8 51.3 76.9

154 68.1 55.4 83.0

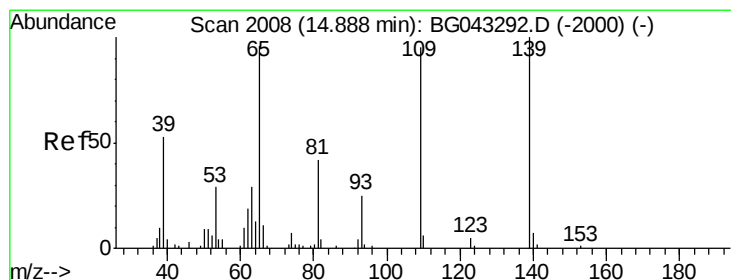
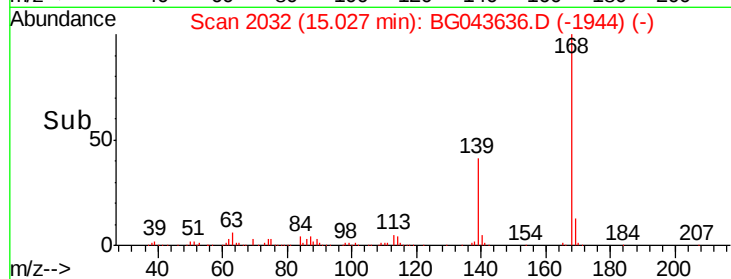
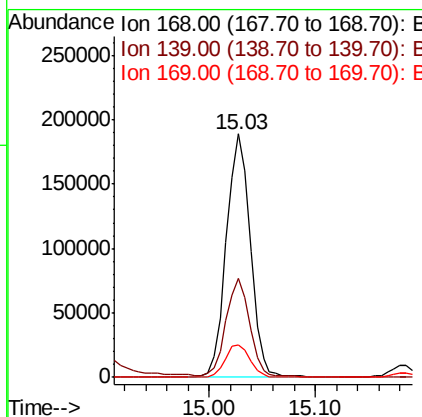
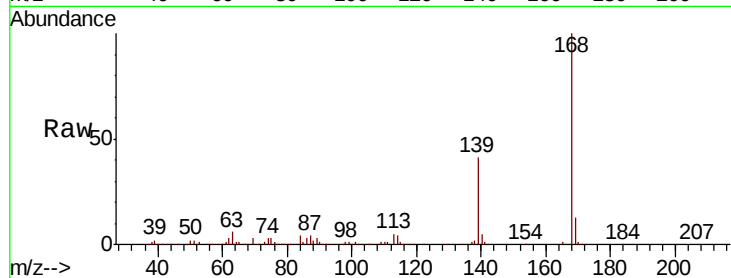




#55
Dibenzofuran
Concen: 34.118 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

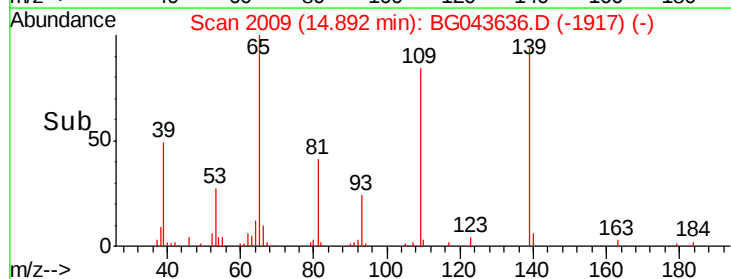
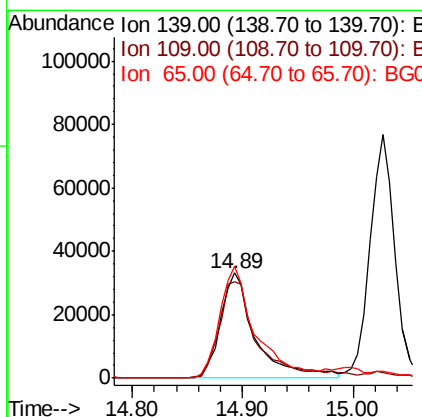
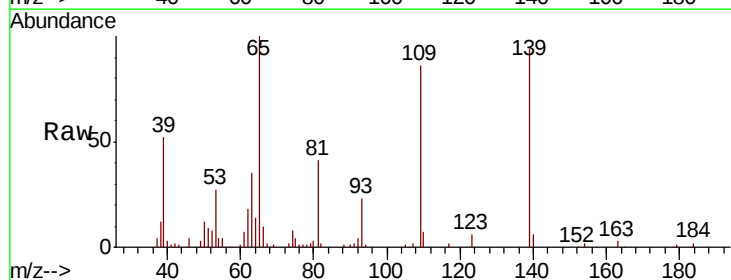
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

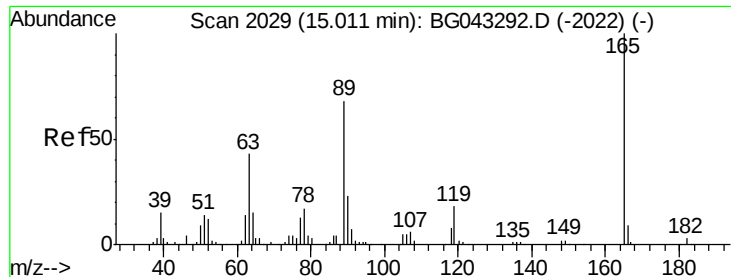
Tot Ion:168 Resp: 296735
Ion Ratio Lower Upper
168 100
139 40.6 31.0 46.6
169 13.3 11.7 17.5



#56
4-Nitrophenol
Concen: 69.407 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:139 Resp: 73770
Ion Ratio Lower Upper
139 100
109 91.9 87.2 127.2
65 106.4 83.8 123.8

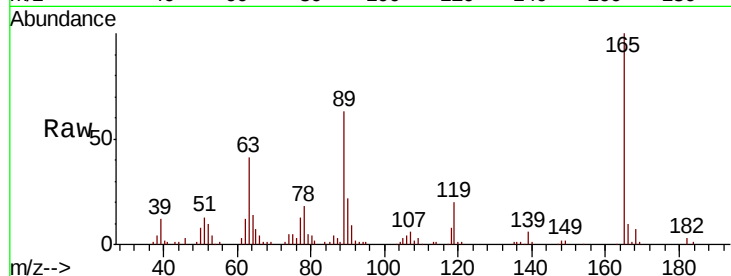




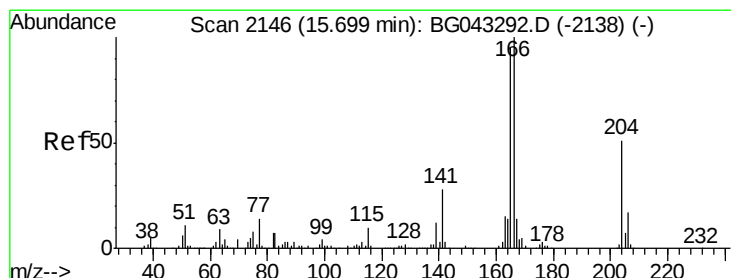
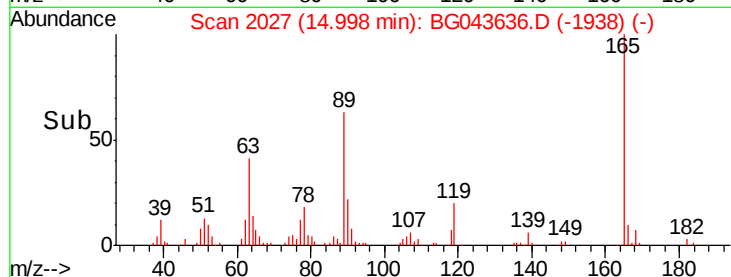
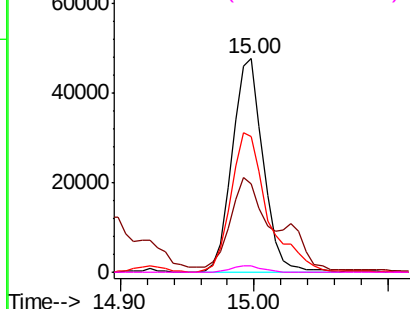
#57
2,4-Dinitrotoluene
Concen: 32.711 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:165 Resp: 76795
Ion Ratio Lower Upper
165 100
63 41.1 33.2 49.8
89 63.3 52.2 78.4
182 2.8 2.0 3.0

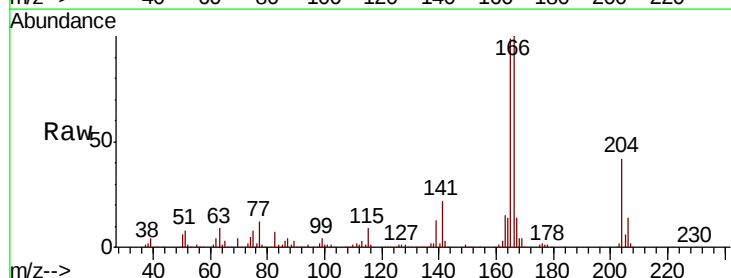


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

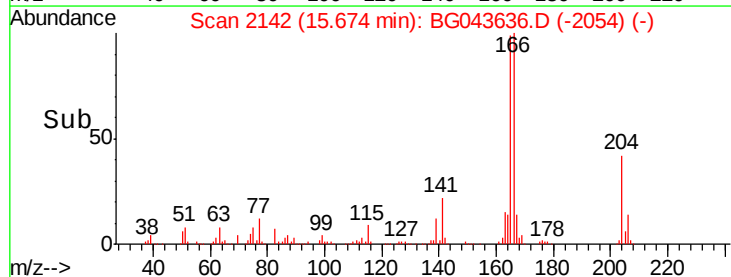
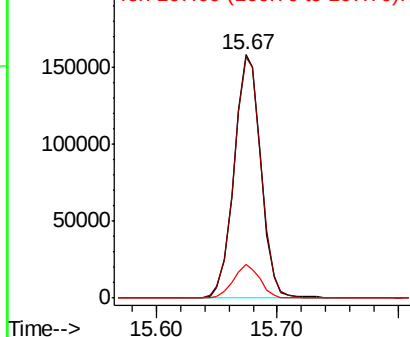


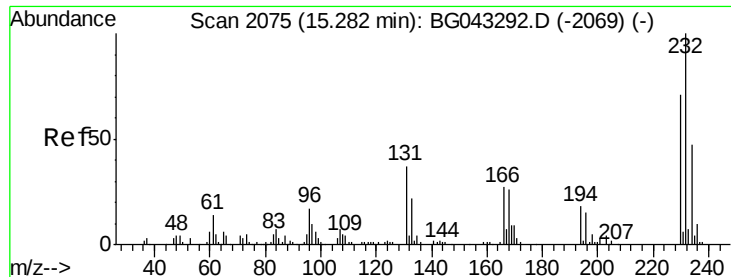
#58
Fluorene
Concen: 33.318 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:166 Resp: 243044
Ion Ratio Lower Upper
166 100
165 99.2 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

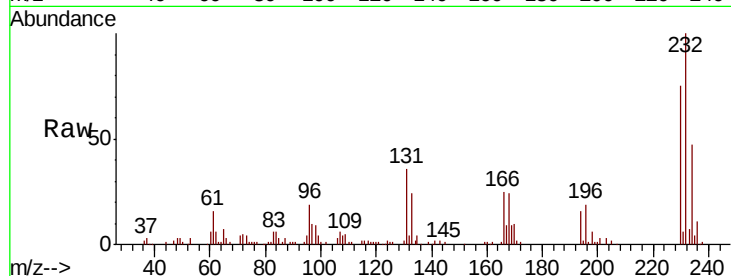




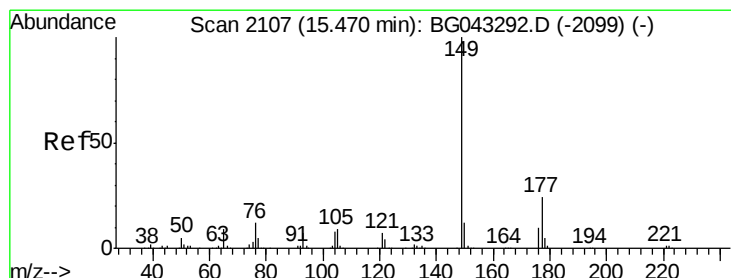
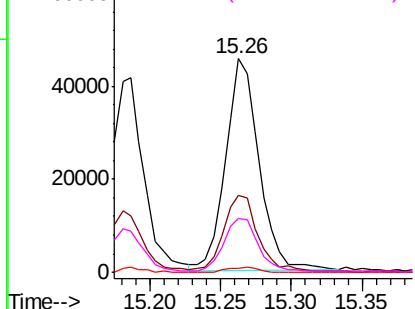
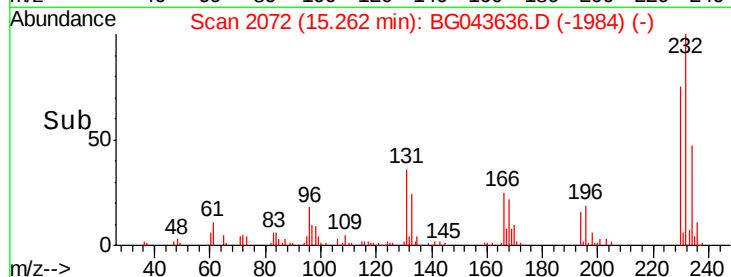
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.587 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion:232 Resp: 74473
 Ion Ratio Lower Upper
 232 100
 131 39.0 26.9 40.3
 130 2.1 1.8 2.6
 166 26.1 20.9 31.3

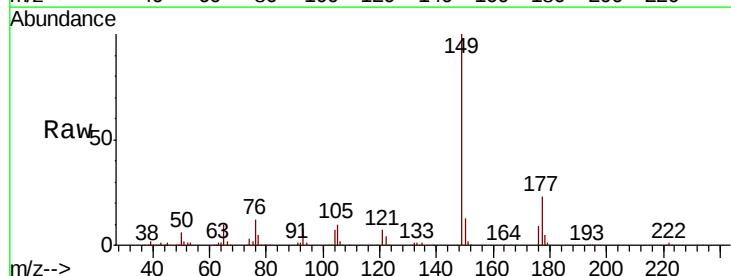


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

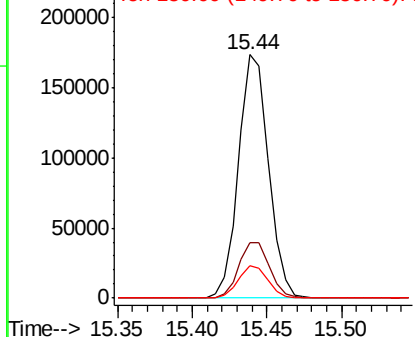
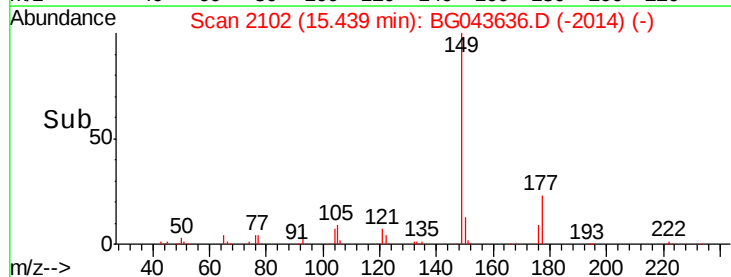


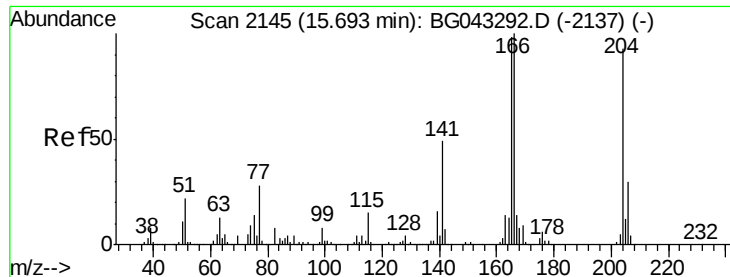
#60
 Diethylphthalate
 Concen: 31.893 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion:149 Resp: 242320
 Ion Ratio Lower Upper
 149 100
 177 22.9 19.6 29.4
 150 13.2 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

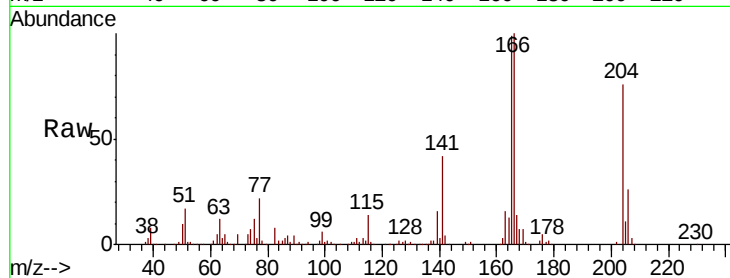




#61
 4-Chlorophenyl-phenylether
 Concen: 32.749 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.4	42.6
141	55.3	43.0	64.6

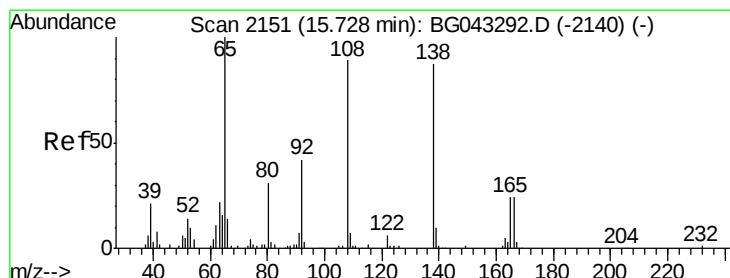
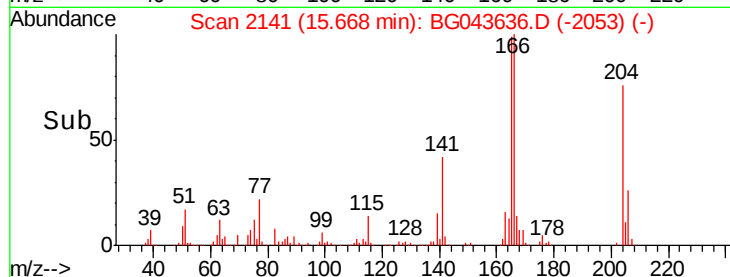
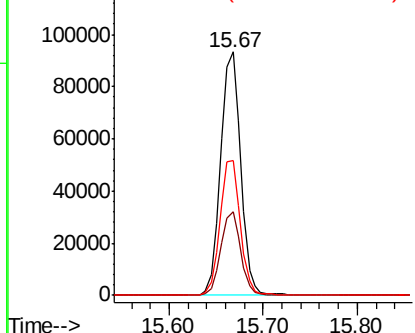


Abundance

Ion 204.00 (203.70 to 204.70): E

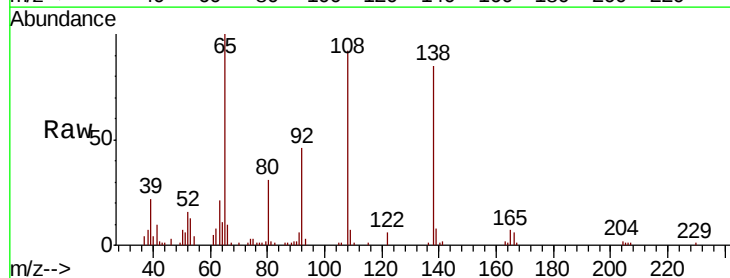
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 30.541 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.4	73.4
108	108.5	78.0	118.0

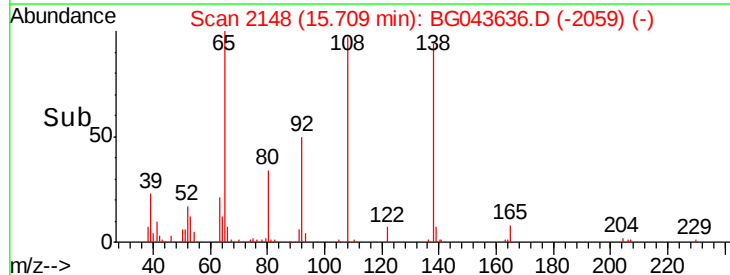
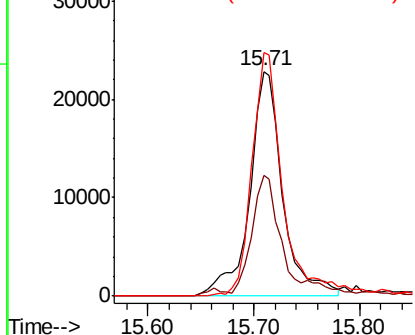


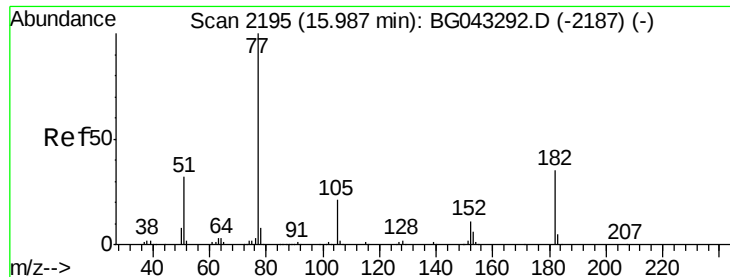
Abundance

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: 34.077 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

Tot Ion: 77 Resp: 209540

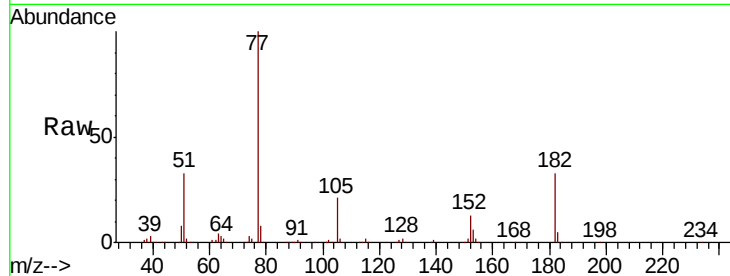
Ion Ratio Lower Upper

77 100

182 32.9 13.7 53.7

105 21.2 0.4 40.4

51 33.2 11.0 51.0

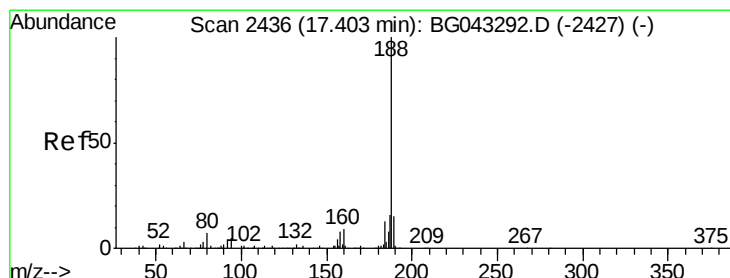
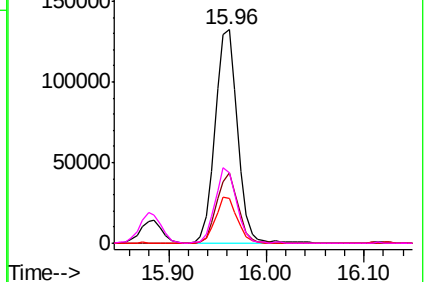
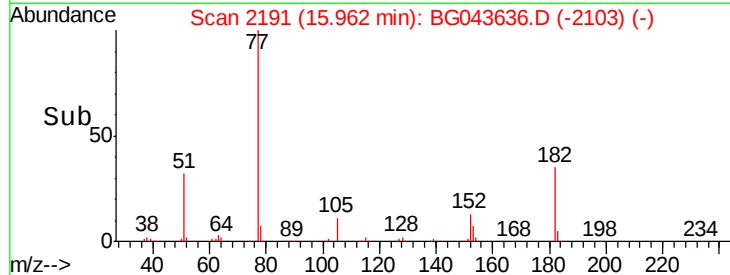


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043636.D

Acq: 14 Nov 2019 16:35

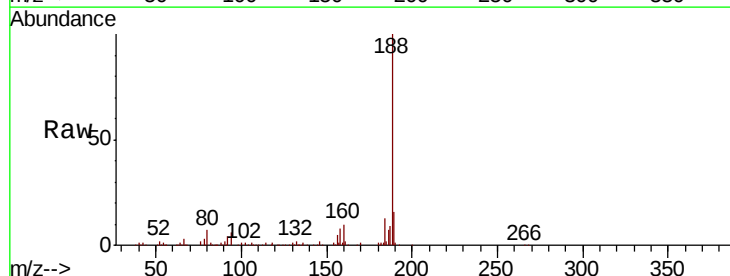
Tgt Ion: 188 Resp: 237826

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.4

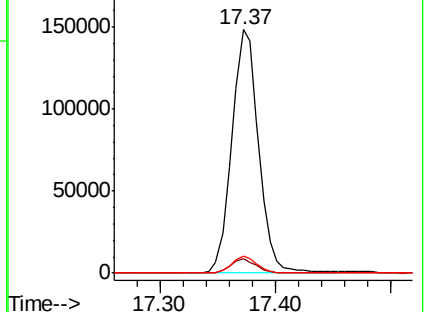
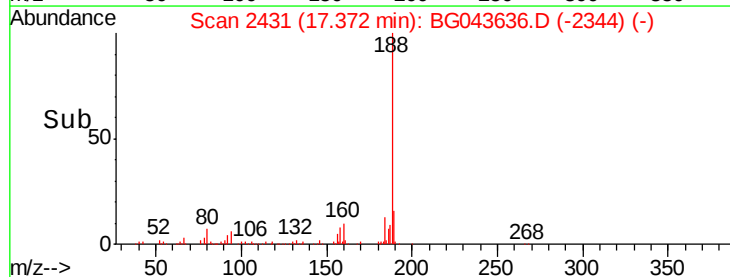
80 7.1 4.5 6.7#

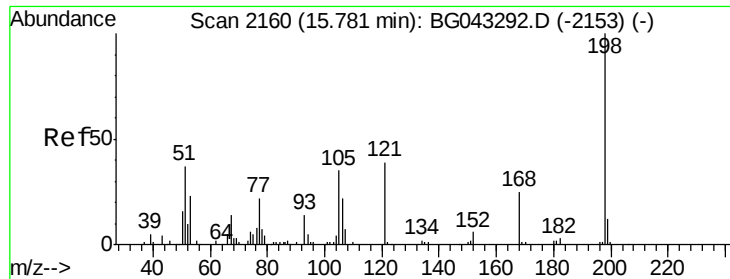


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

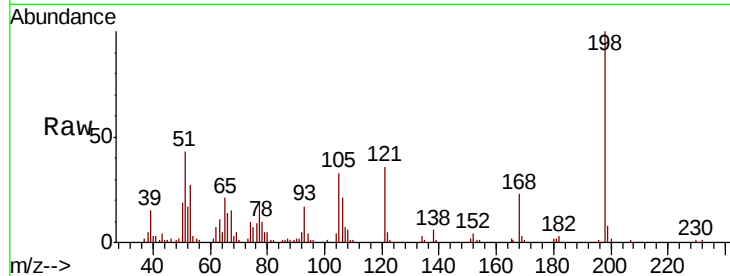




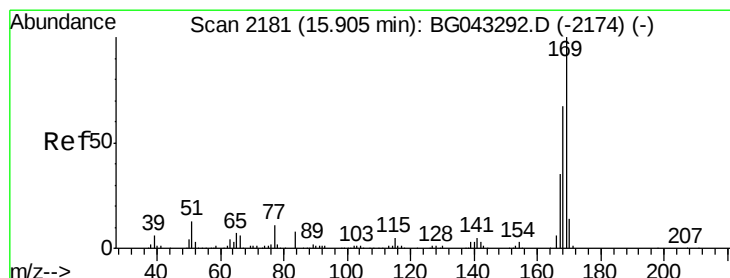
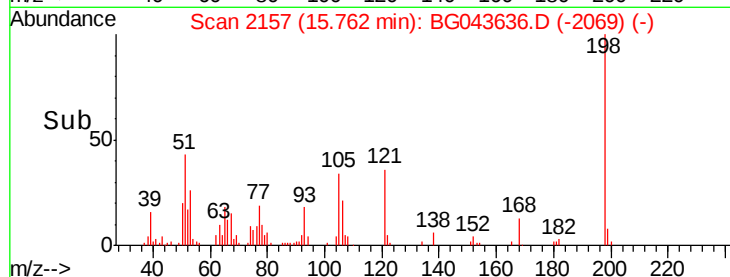
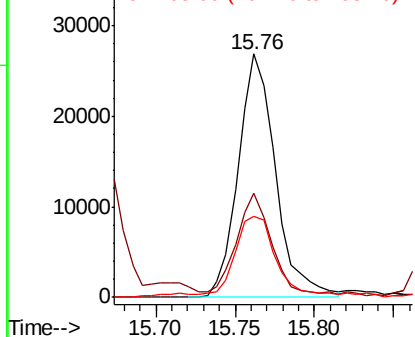
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.380 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion:198 Resp: 43920
 Ion Ratio Lower Upper
 198 100
 51 42.6 13.2 53.2
 105 33.4 15.8 55.8

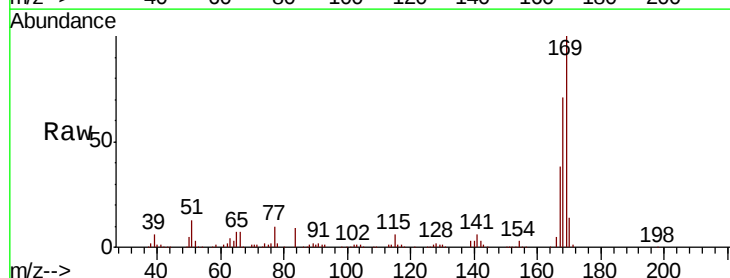


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

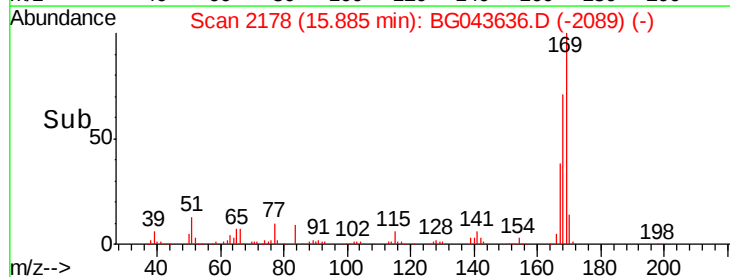
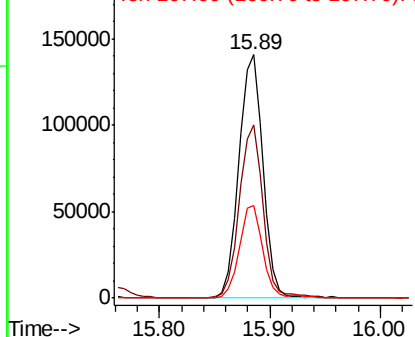


#66
 n-Nitrosodiphenylamine
 Concen: 32.187 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion:169 Resp: 216116
 Ion Ratio Lower Upper
 169 100
 168 71.0 53.8 80.6
 167 38.1 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

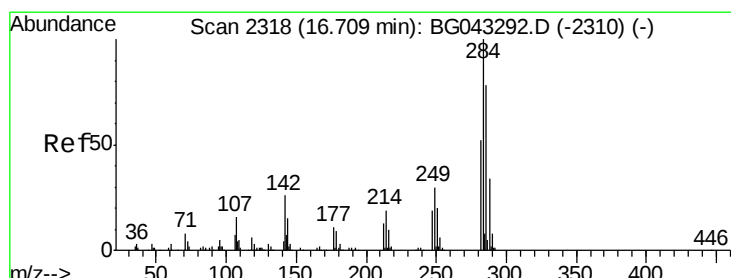
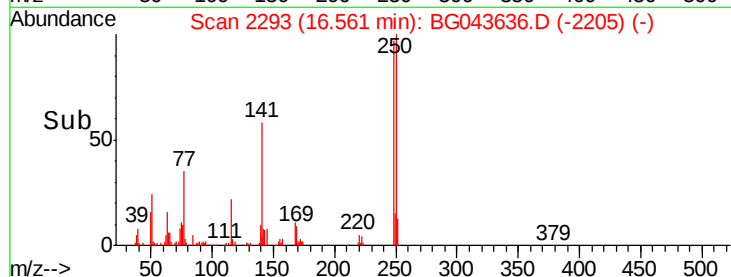
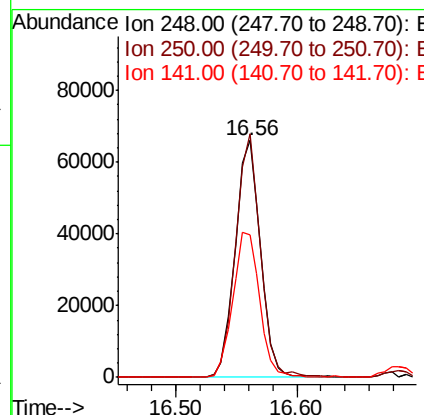
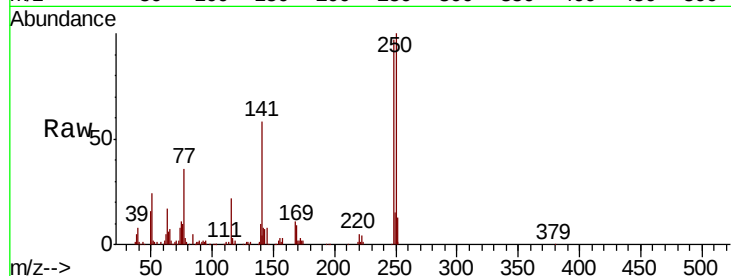




#67
 4-Bromophenyl-phenylether
 Concen: 30.260 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

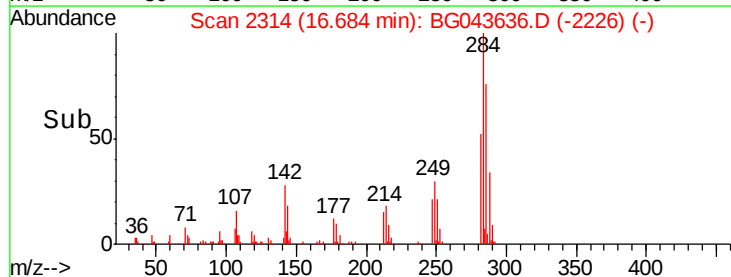
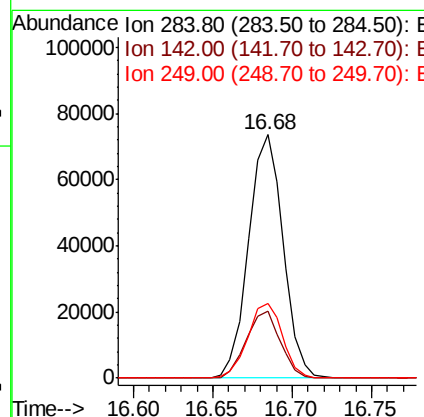
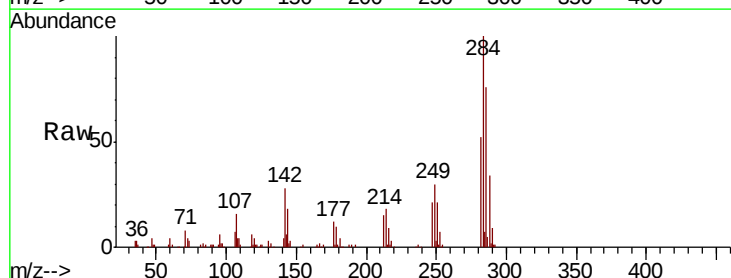
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

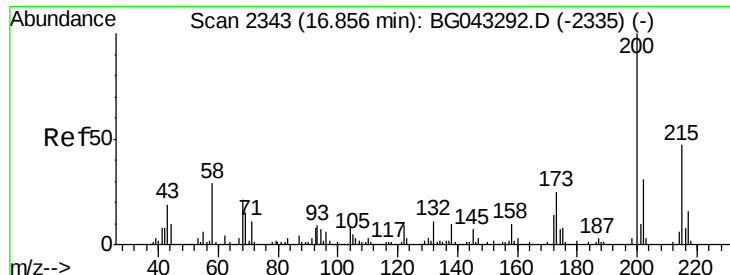
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.7	77.0	115.4
141	60.0	47.5	71.3



#68
 Hexachlorobenzene
 Concen: 30.371 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	19.8	29.8
249	30.5	23.8	35.6





#69

Atrazine

Concen: 40.683 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

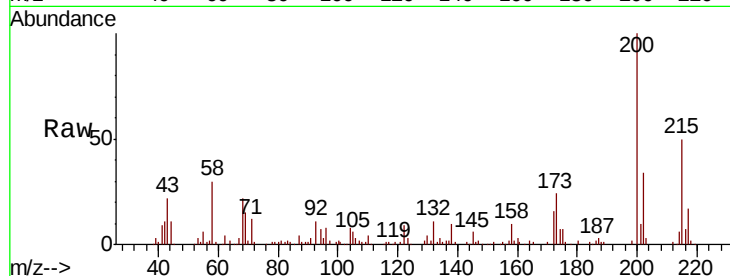
Tot Ion:200 Resp: 94919

Ion Ratio Lower Upper

200 100

173 24.1 4.7 44.7

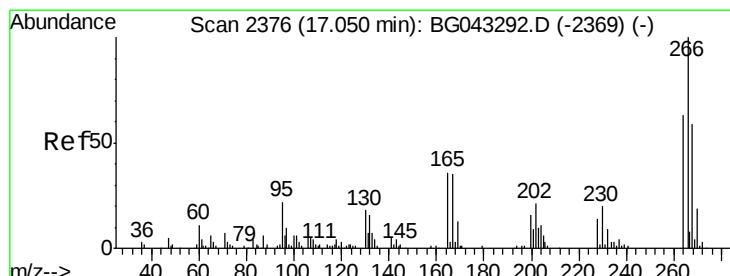
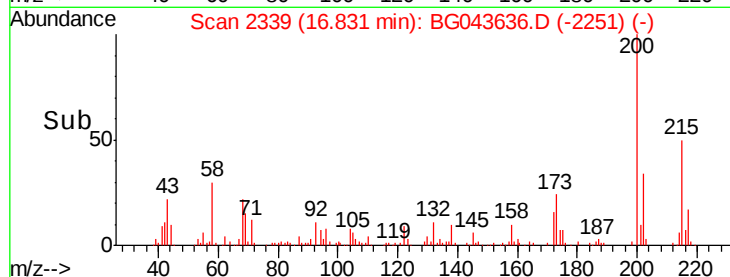
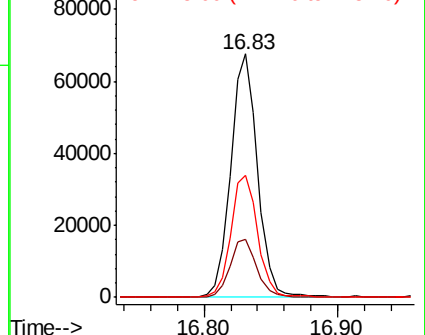
215 50.0 28.5 68.5



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: 53.473 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

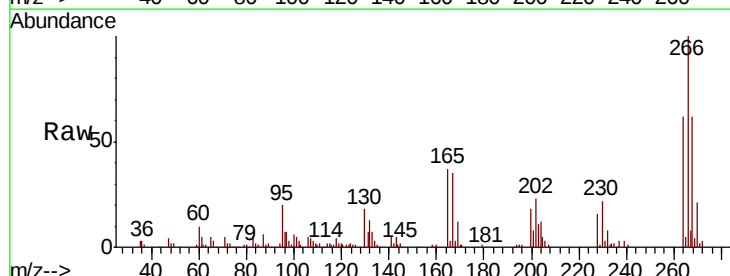
Tgt Ion:266 Resp: 89516

Ion Ratio Lower Upper

266 100

268 61.7 50.4 75.6

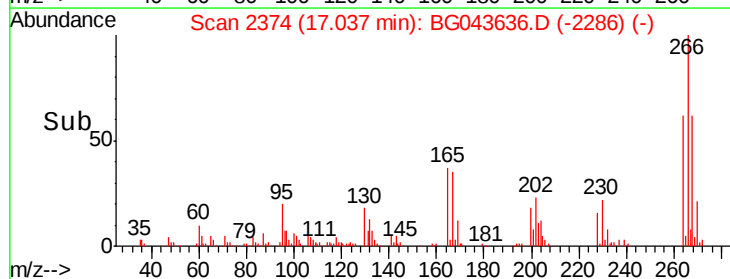
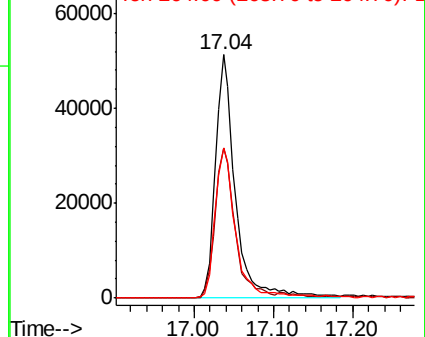
264 61.9 48.9 73.3

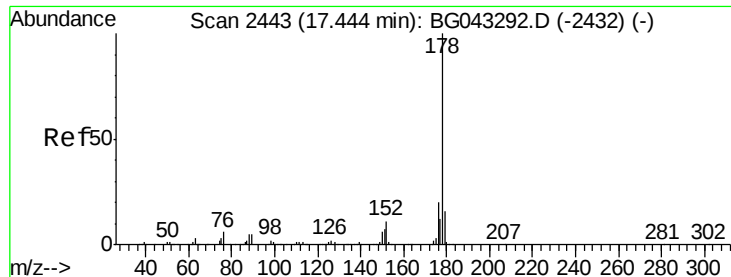


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

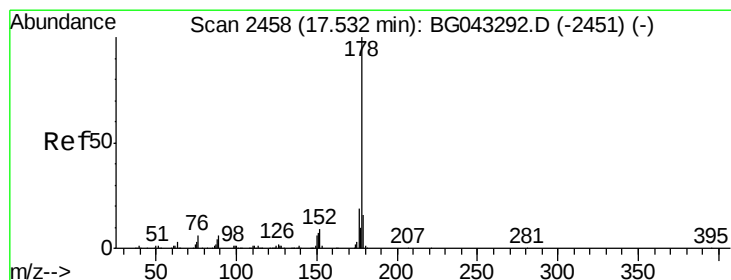
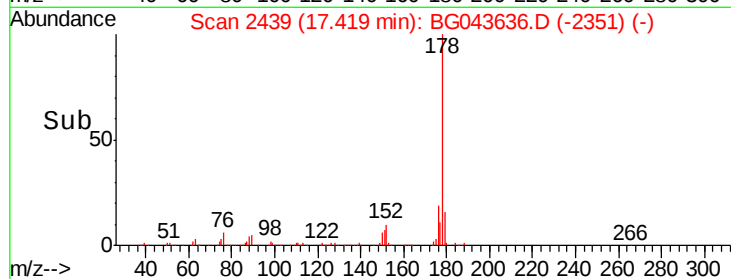
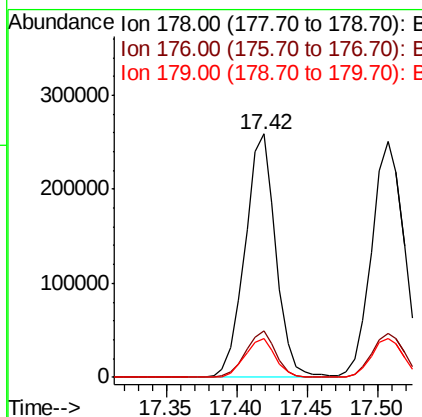
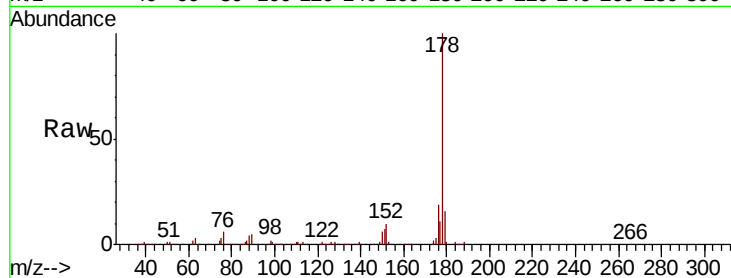




#71
 Phenanthrene
 Concen: 32.459 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

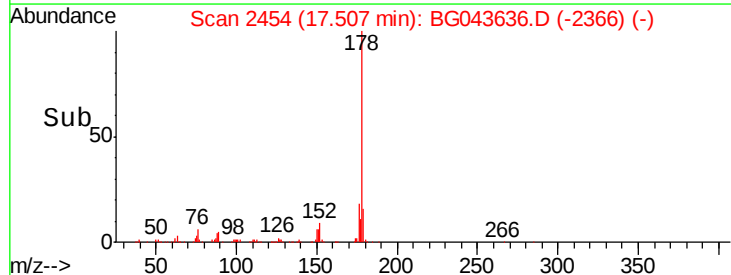
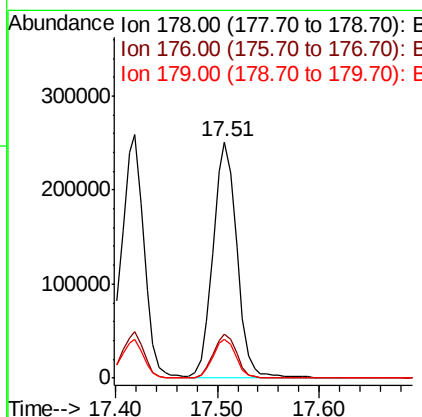
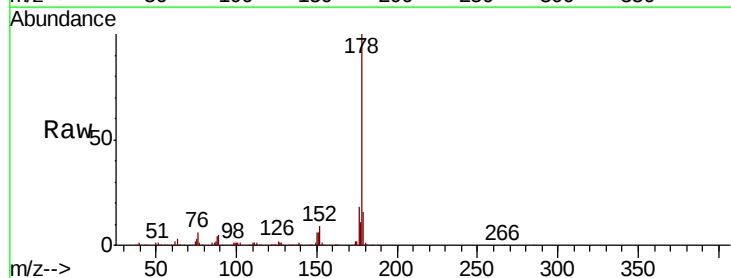
Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.1	13.0	19.6



#72
 Anthracene
 Concen: 33.527 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.5	13.7	20.5





#73

Carbazole

Concen: 32.958 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

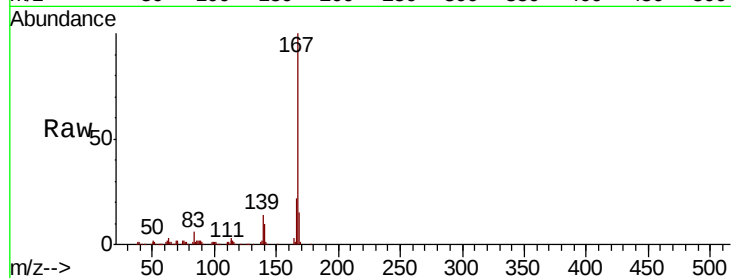
Tot Ion:167 Resp: 363668

Ion Ratio Lower Upper

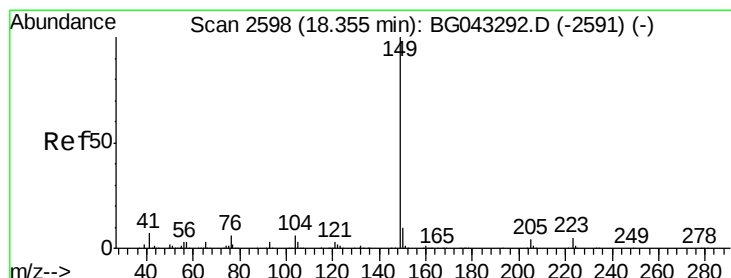
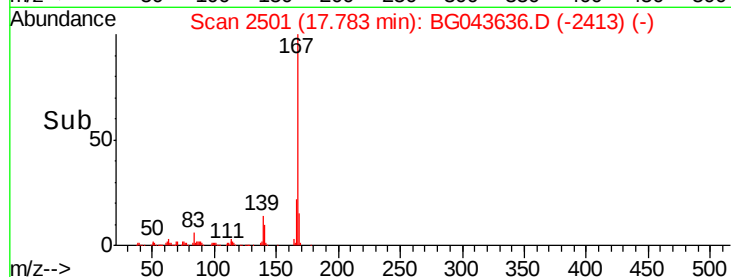
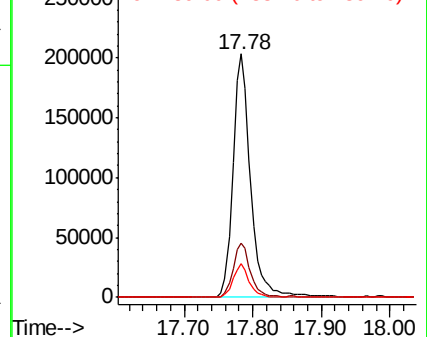
167 100

166 22.1 18.7 28.1

139 13.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 32.168 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

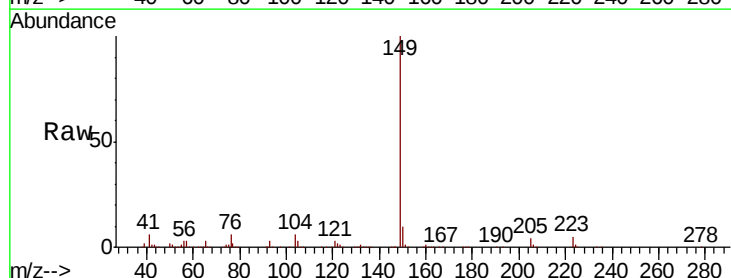
Tgt Ion:149 Resp: 430674

Ion Ratio Lower Upper

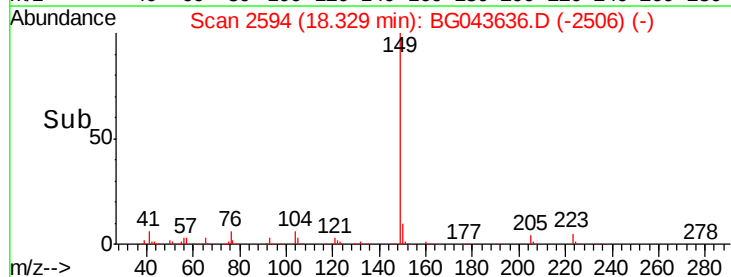
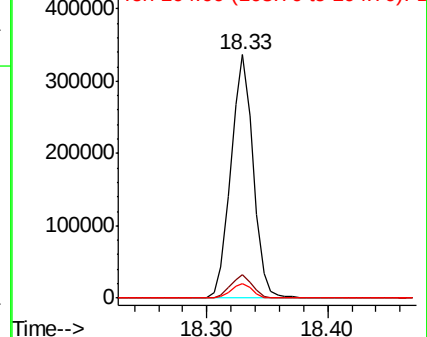
149 100

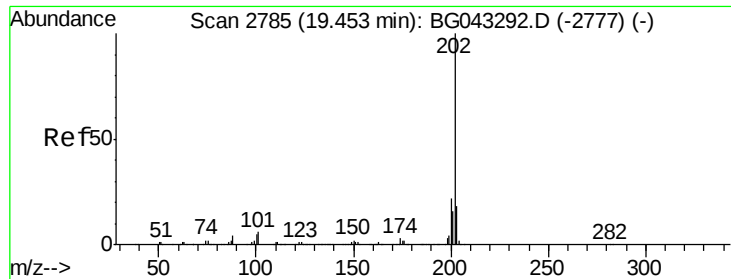
150 9.6 8.0 12.0

104 6.0 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.971 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

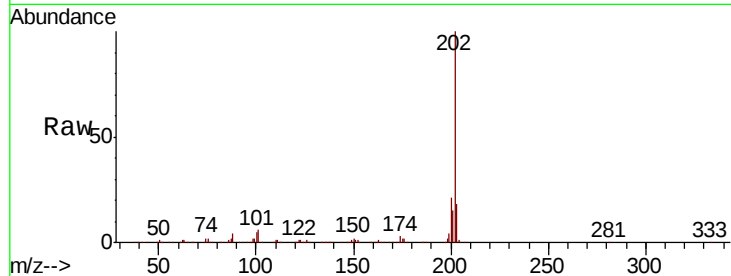
Tot Ion:202 Resp: 523478

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.3

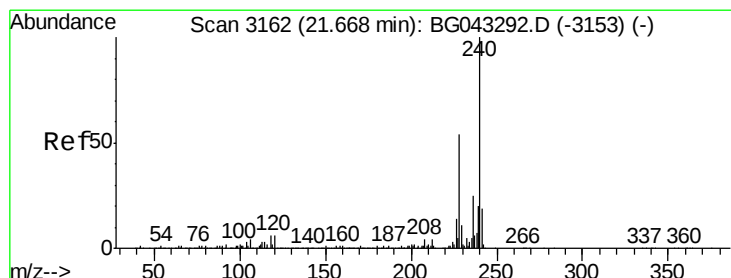
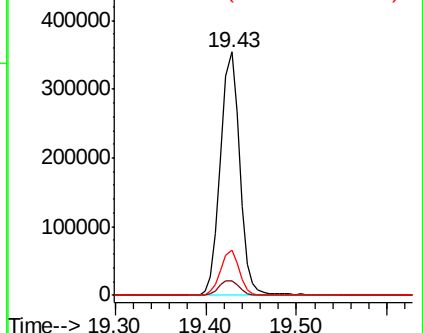
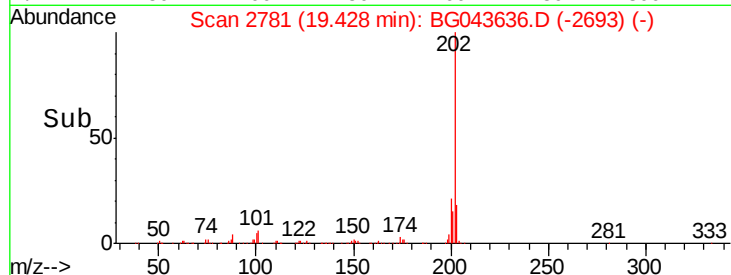
203 18.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

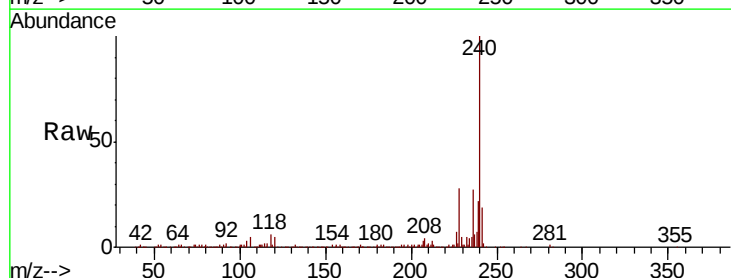
Tgt Ion:240 Resp: 255256

Ion Ratio Lower Upper

240 100

120 5.0 4.6 6.8

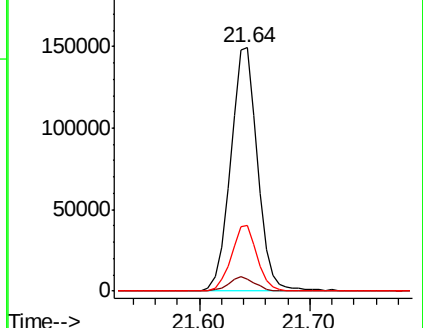
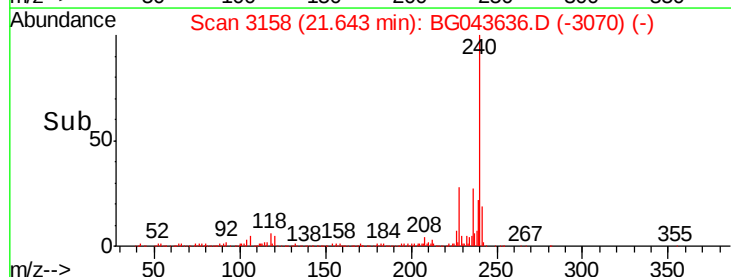
236 26.9 19.8 29.8

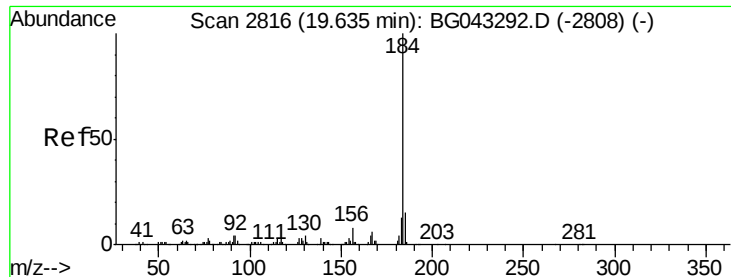


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.229 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

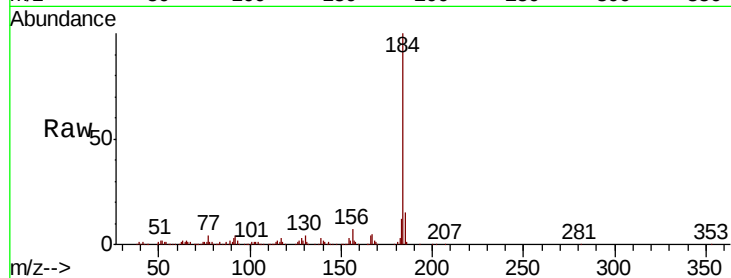
Tot Ion:184 Resp: 268308

Ion Ratio Lower Upper

184 100

185 14.8 11.0 16.4

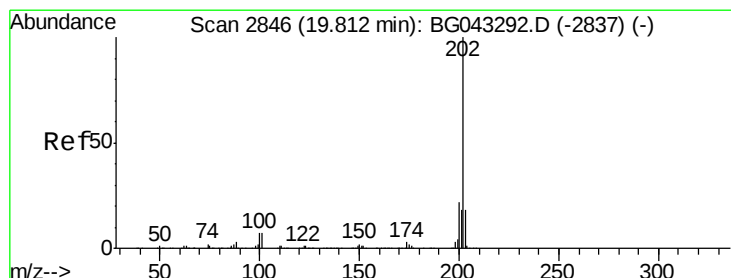
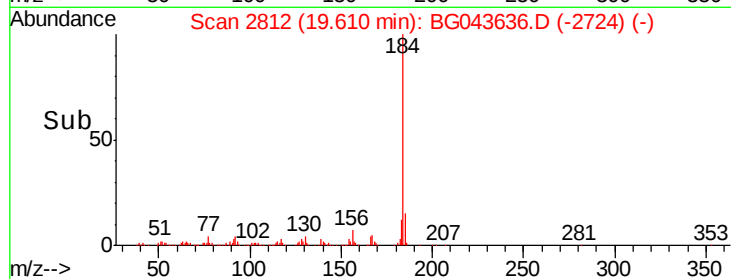
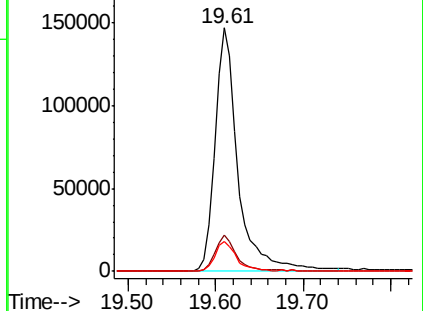
183 12.1 10.0 15.0



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: 33.850 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

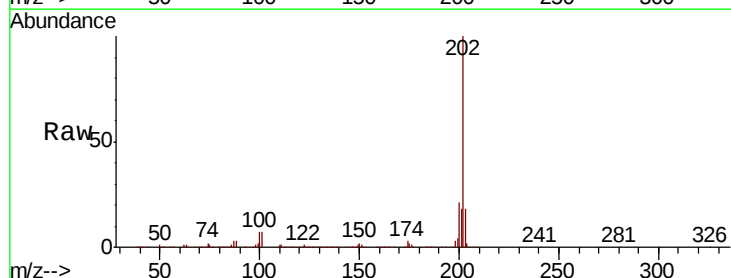
Tgt Ion:202 Resp: 534835

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

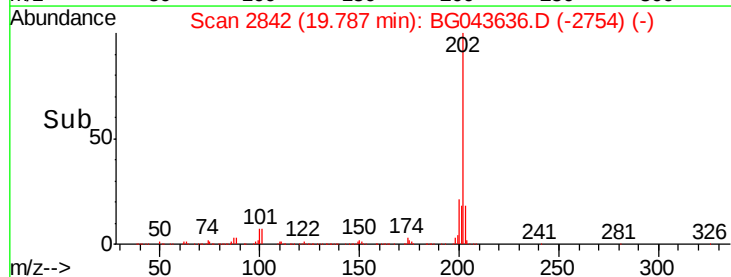
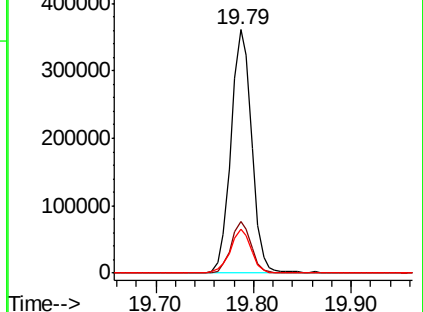
203 18.2 14.7 22.1

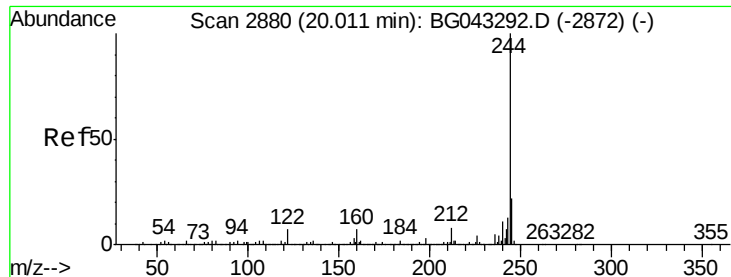


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.390 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

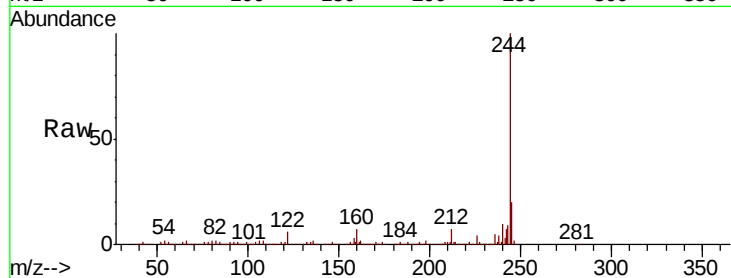
Tot Ion:244 Resp: 835268

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

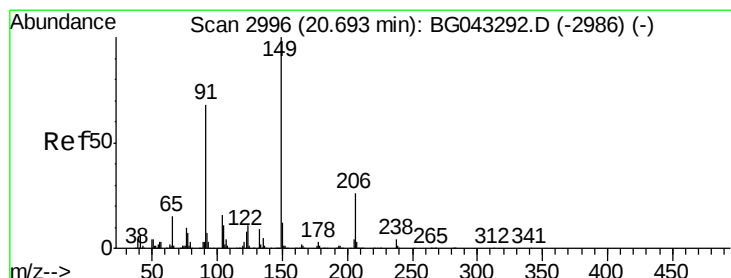
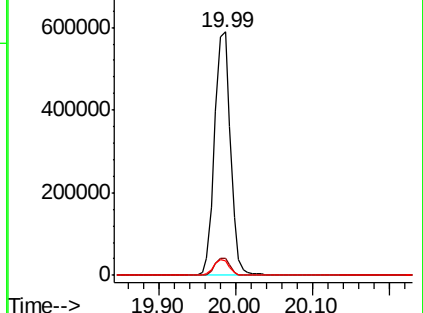
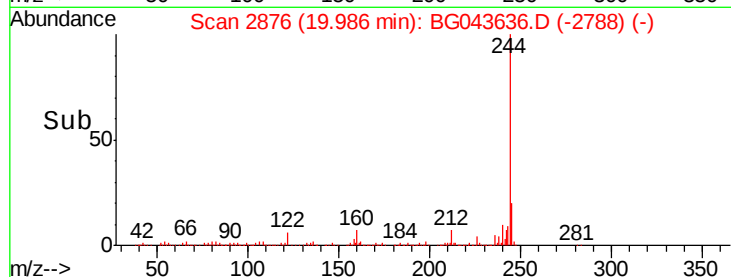
122 6.1 5.4 8.2



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: 32.828 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

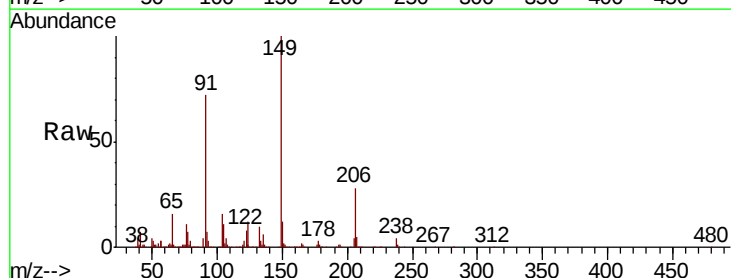
Tgt Ion:149 Resp: 196510

Ion Ratio Lower Upper

149 100

91 71.6 51.2 76.8

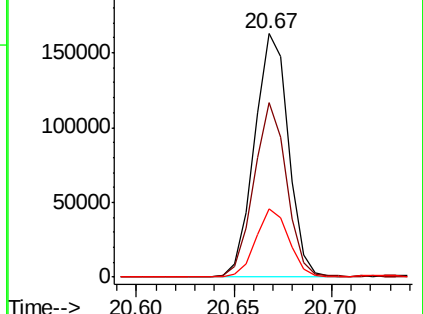
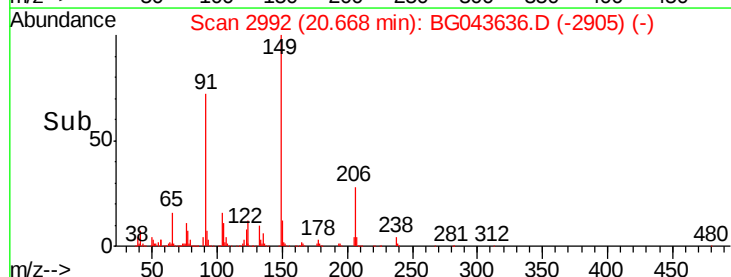
206 28.2 22.5 33.7

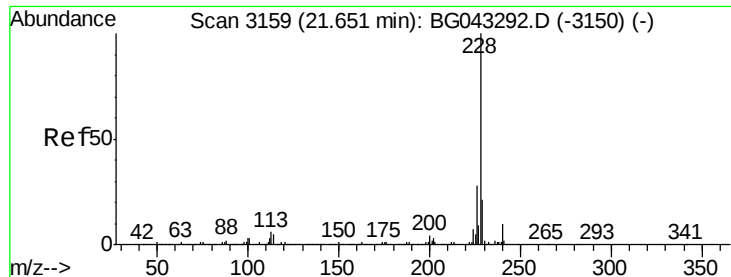


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

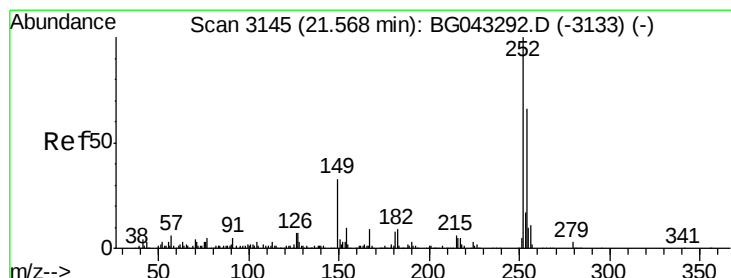
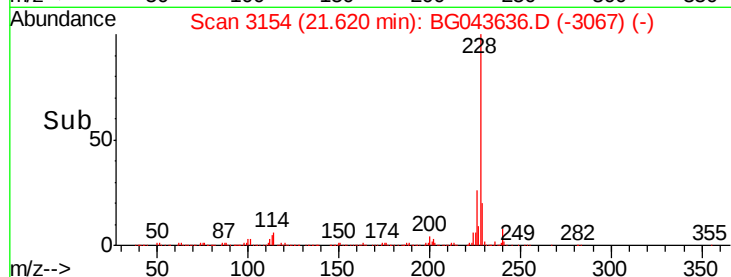
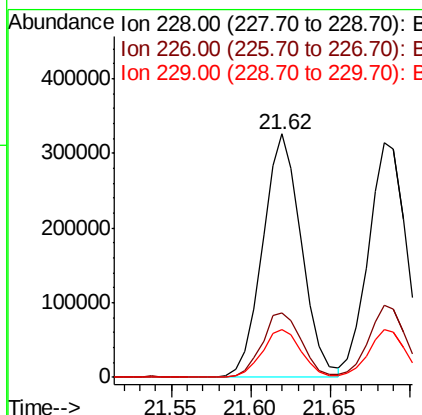
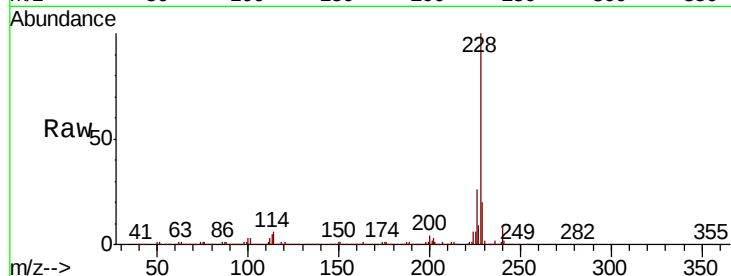




#81
Benzo(a)anthracene
Concen: 34.645 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

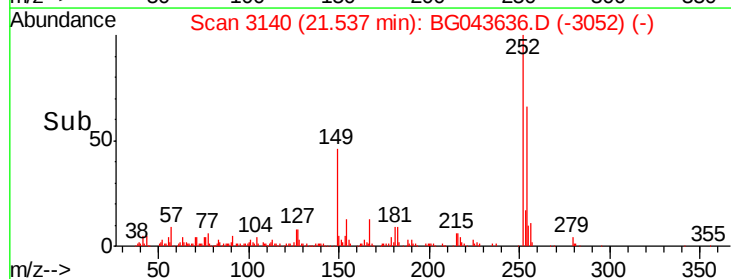
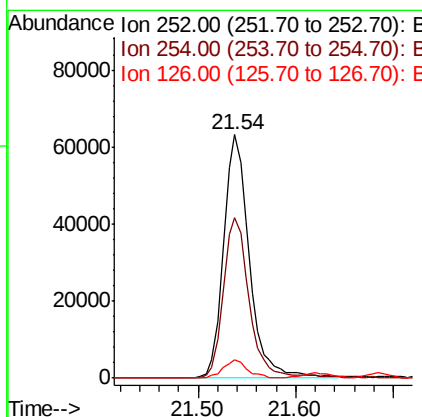
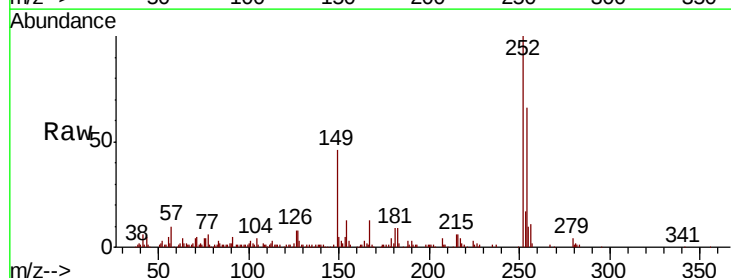
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:228 Resp: 553936
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.2
229 19.6 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 18.699 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:252 Resp: 115642
Ion Ratio Lower Upper
252 100
254 65.8 50.8 76.2
126 7.6 6.1 9.1





#83

Chrvsene

Concen: 33.678 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

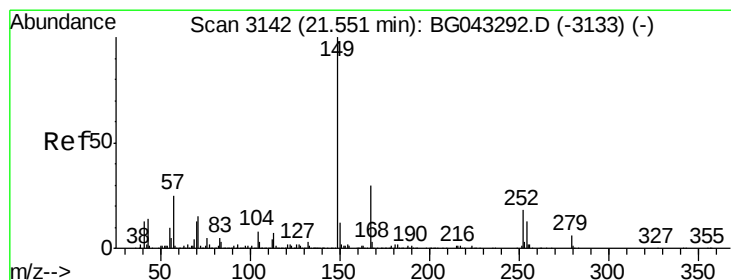
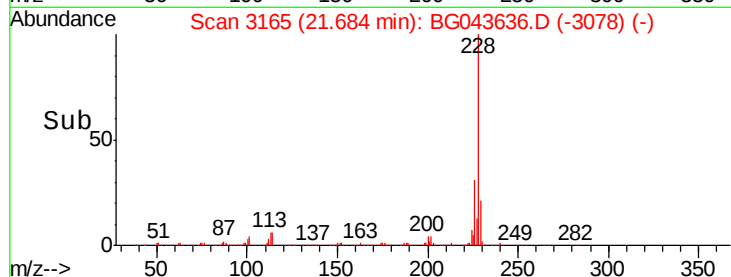
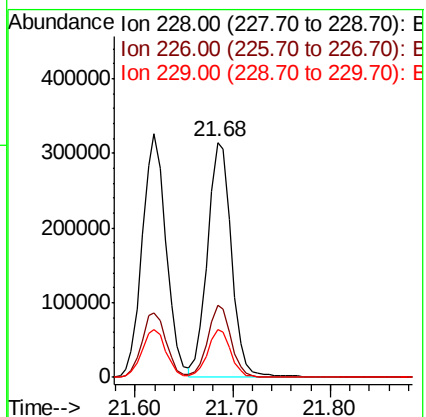
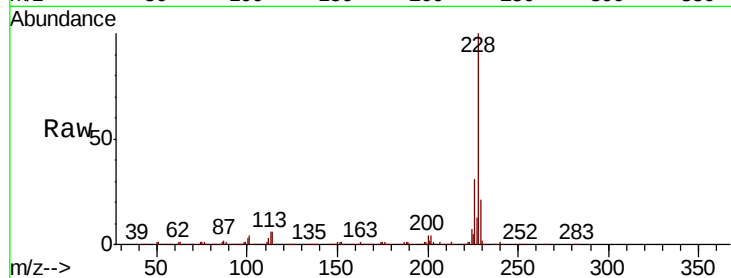
Tot Ion:228 Resp: 535019

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

229 20.5 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.739 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

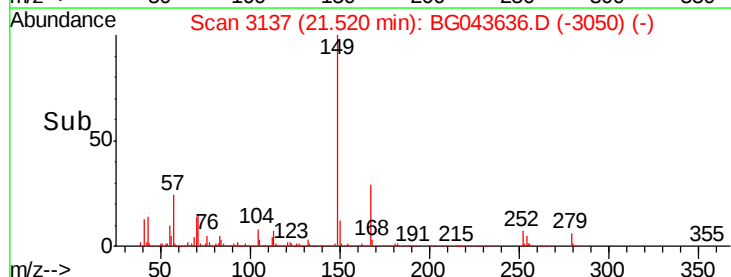
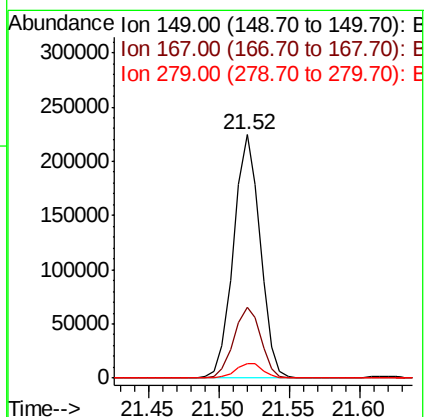
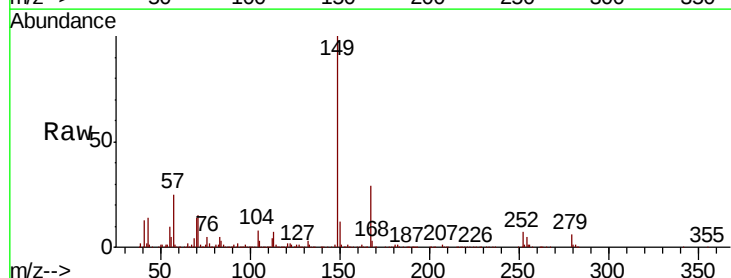
Tgt Ion:149 Resp: 295396

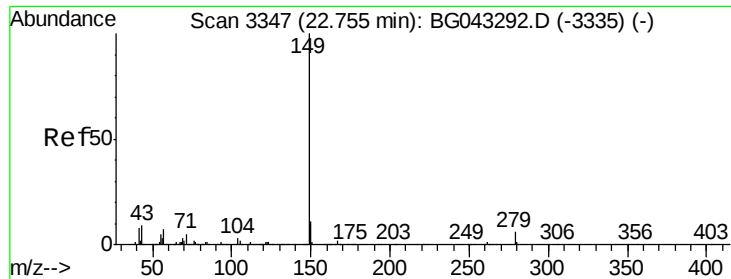
Ion Ratio Lower Upper

149 100

167 29.0 24.0 36.0

279 6.1 5.4 8.2





#85

Di-n-octyl phthalate

Concen: 35.305 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

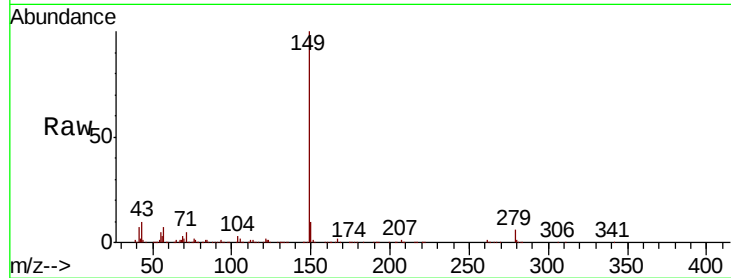
Tot Ion:149 Resp: 509321

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

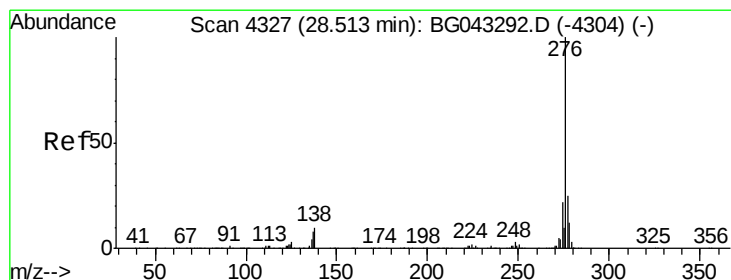
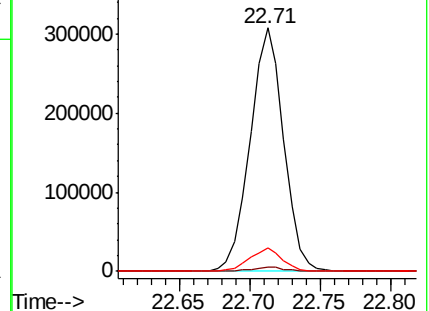
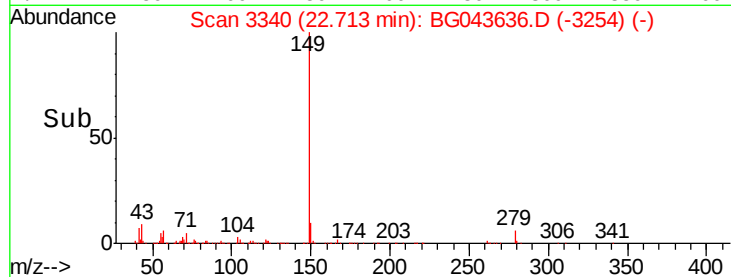
43 9.1 7.0 10.6



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: 35.012 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

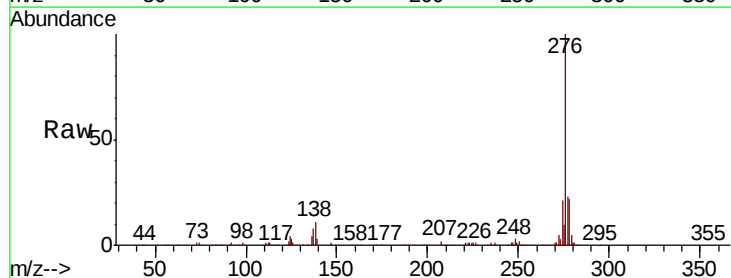
Tgt Ion:276 Resp: 698183

Ion Ratio Lower Upper

276 100

138 9.2 6.8 10.2

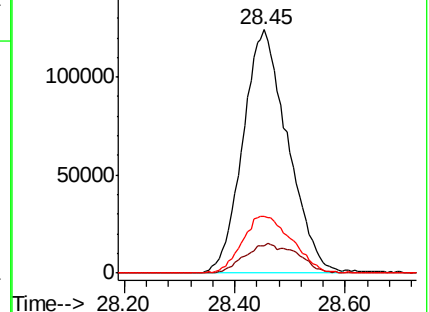
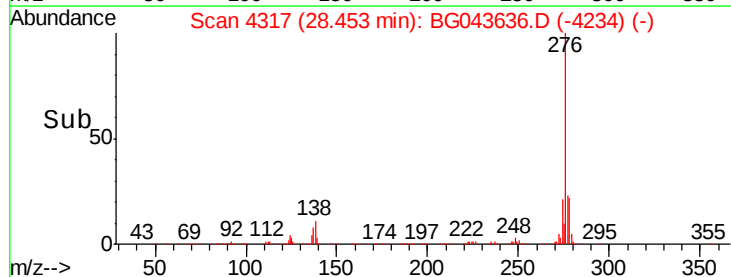
277 25.9 20.9 31.3



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: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

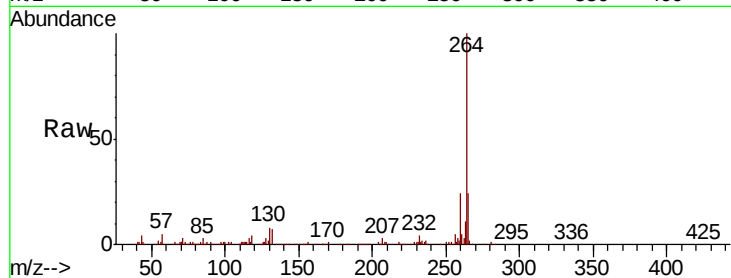
Tot Ion:264 Resp: 303713

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.5	26.3
265	23.5	17.4	26.0

264 100

260 24.5 17.5 26.3

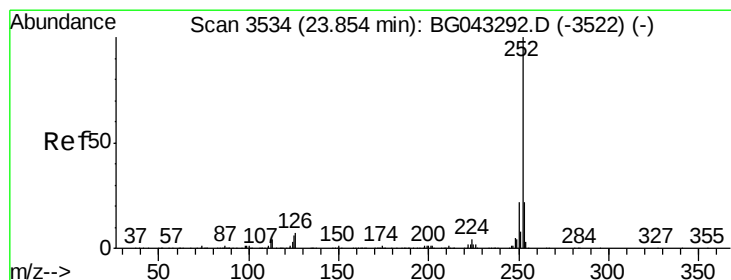
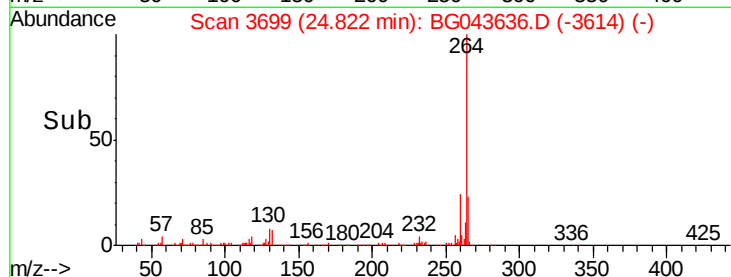
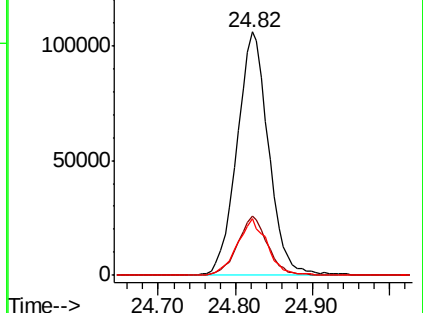
265 23.5 17.4 26.0



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: 34.283 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

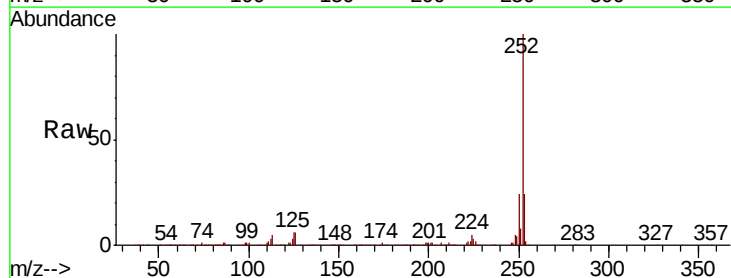
Tgt Ion:252 Resp: 589719

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	6.3	4.5	6.7

252 100

253 23.6 17.7 26.5

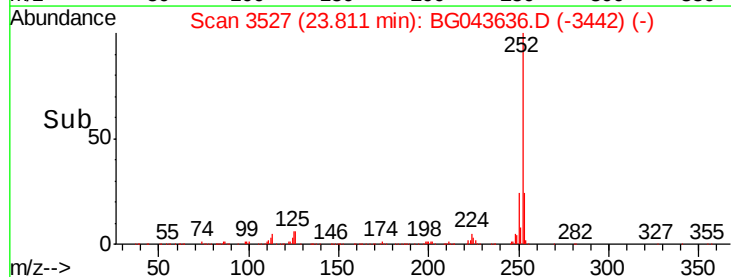
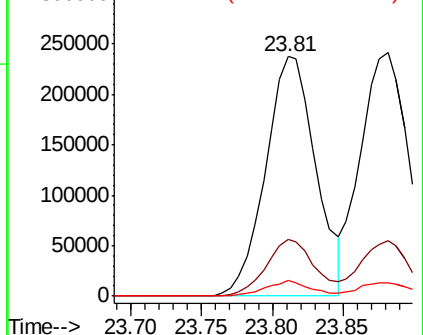
125 6.3 4.5 6.7

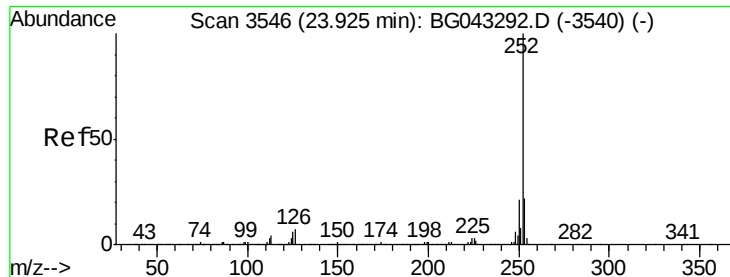


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

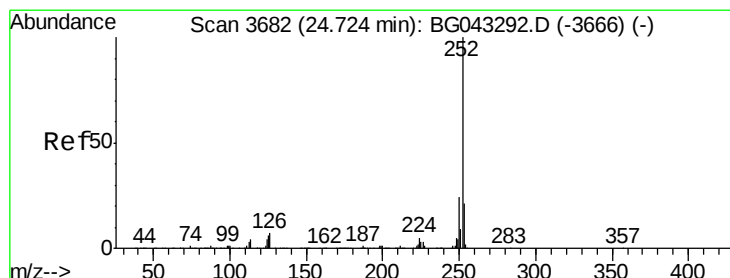
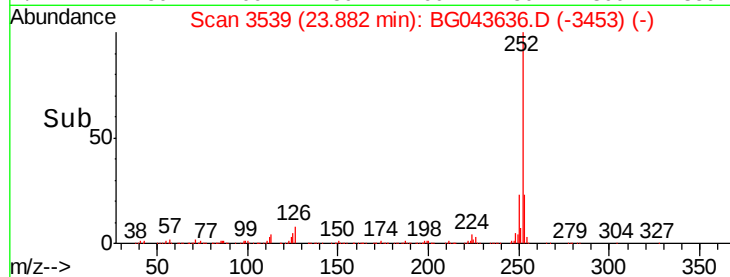
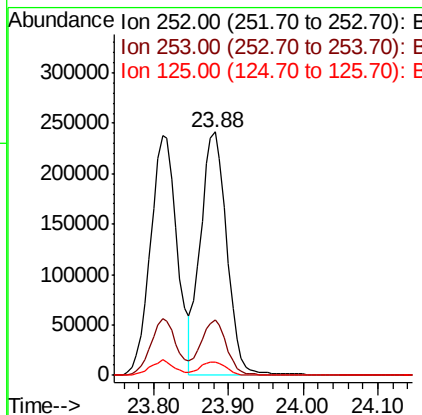
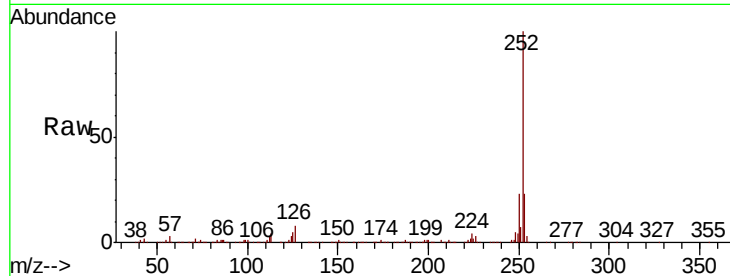




#89
Benzo(k)fluoranthene
Concen: 34.000 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

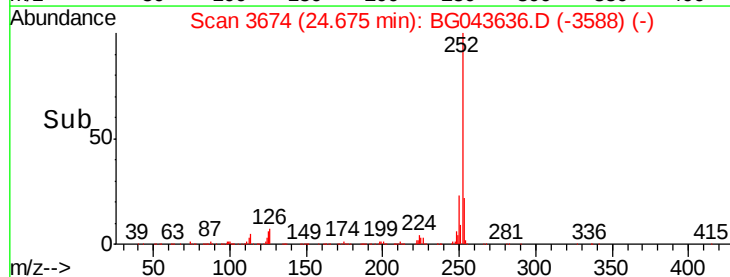
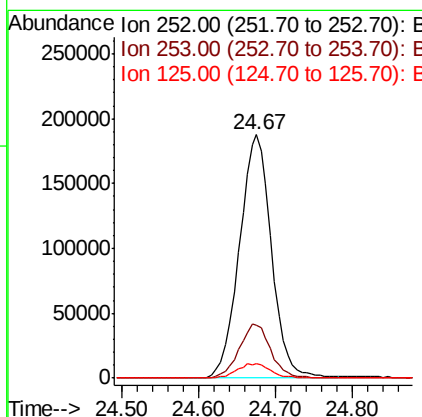
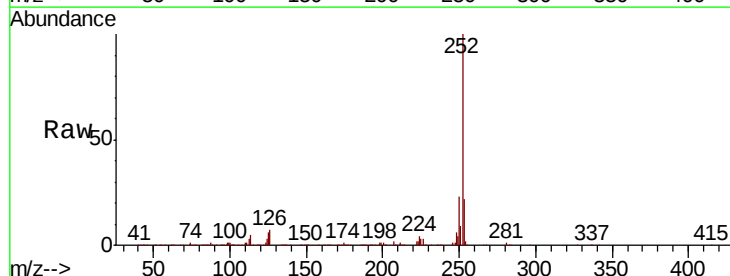
Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:252 Resp: 588775
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 5.4 4.6 6.8



#90
Benzo(a)pyrene
Concen: 33.181 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:252 Resp: 545036
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.7 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 35.292 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.05 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

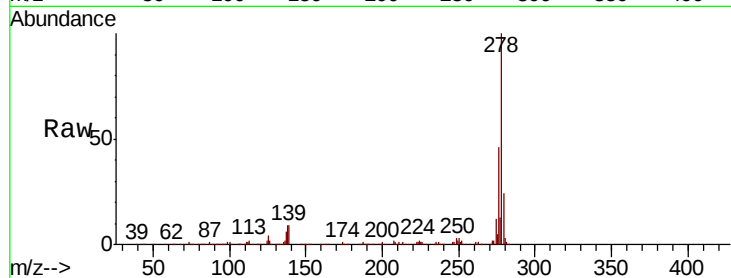
Tot Ion:278 Resp: 592955

Ion Ratio Lower Upper

278 100

139 8.7 7.4 11.0

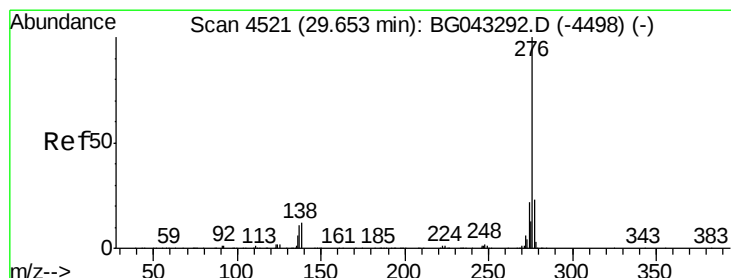
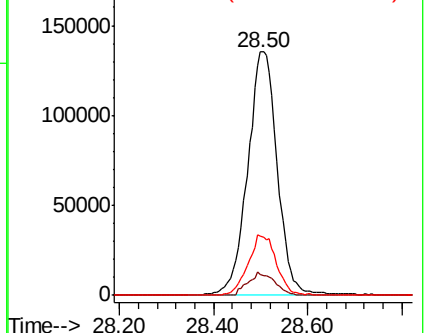
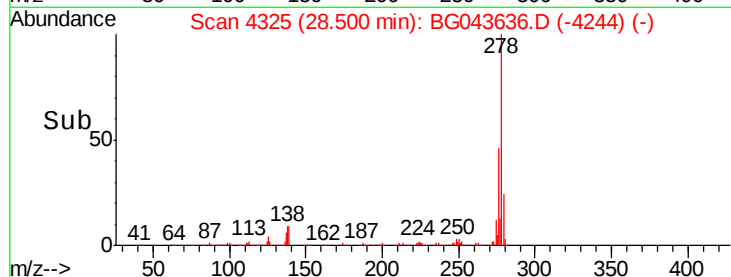
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.503 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

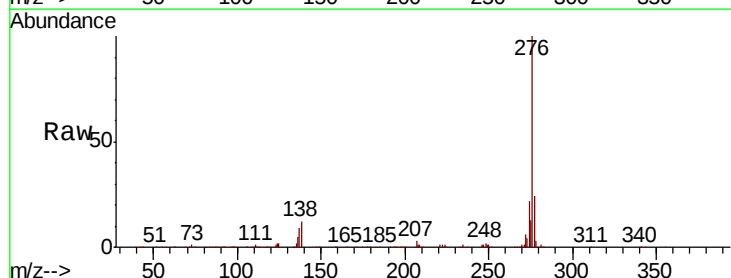
Tgt Ion:276 Resp: 588386

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 11.5 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

