

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044571.D
 Acq On : 24 Feb 2020 14:31
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 15:19:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63199	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	244164	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	156327	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	341409	20.00	ng	0.00
76) Chrysene-d12	21.51	240	309829	20.00	ng	0.00
87) Perylene-d12	24.58	264	356572	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	601804	168.05	ng	0.00
7) Phenol-d6	7.05	99	816964	169.89	ng	0.00
23) Nitrobenzene-d5	9.03	82	754356	174.42	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	364046	198.37	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1640468	175.72	ng	0.00
79) Terphenyl-d14	19.88	244	2329544	154.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	128667	79.971	ng	100
3) Pyridine	3.73	79	351828	82.078	ng	97
4) n-Nitrosodimethylamine	3.64	42	141777	79.151	ng	98
6) Aniline	7.20	93	507058	84.950	ng	98
8) 2-Chlorophenol	7.44	128	326569	82.978	ng	98
9) Benzaldehyde	7.01	77	198997	72.660	ng	98
10) Phenol	7.08	94	400267	84.106	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	329525	80.991	ng	96
12) 1,3-Dichlorobenzene	7.77	146	391476	83.311	ng	98
13) 1,4-Dichlorobenzene	7.91	146	393846	84.625	ng	99
14) 1,2-Dichlorobenzene	8.23	146	370291	84.176	ng	97
15) Benzyl Alcohol	8.12	79	290901	85.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	450201	81.753	ng	98
17) 2-Methylphenol	8.32	107	285015	83.939	ng	97
18) Hexachloroethane	8.96	117	145385	83.246	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	260917	81.414	ng	98
20) 3+4-Methylphenols	8.66	107	396742	84.783	ng	99
22) Acetophenone	8.70	105	481953	81.140	ng	# 98
24) Nitrobenzene	9.08	77	365607	86.593	ng	100
25) Isophorone	9.60	82	705536	87.525	ng	98
26) 2-Nitrophenol	9.79	139	204214	93.214	ng	97
27) 2,4-Dimethylphenol	9.86	122	282764	91.434	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	463471	86.188	ng	98
29) 2,4-Dichlorophenol	10.33	162	339767	90.861	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	386791	90.208	ng	98
31) Naphthalene	10.73	128	1048663	88.524	ng	97
32) Benzoic acid	10.06	122	169542	102.779	ng	98
33) 4-Chloroaniline	10.83	127	473622	87.909	ng	98
34) Hexachlorobutadiene	11.02	225	248607	94.227	ng	98
35) Caprolactam	11.63	113	124120	90.611	ng	93
36) 4-Chloro-3-methylphenol	11.98	107	345320	88.078	ng	99
37) 2-Methylnaphthalene	12.34	142	773528	87.947	ng	97
38) 1-Methylnaphthalene	12.56	142	726970	87.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	420545	89.932	ng	99

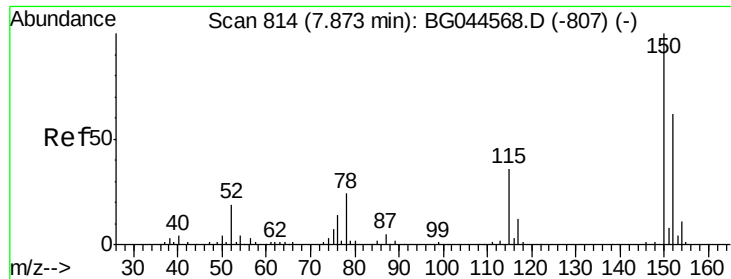
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044571.D
 Acq On : 24 Feb 2020 14:31
 Operator : CG/JU
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 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	203463	90.678	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	282763	93.549	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	292997	94.904	ng	98
46) 1,1'-Biphenyl	13.35	154	1009395	89.517	ng	96
47) 2-Chloronaphthalene	13.39	162	794421	88.535	ng	97
48) 2-Nitroaniline	13.59	65	232084	87.642	ng	98
49) Acenaphthylene	14.24	152	1160165	88.153	ng	97
50) Dimethylphthalate	13.98	163	975482	86.808	ng	99
51) 2,6-Dinitrotoluene	14.09	165	225395	89.959	ng	98
52) Acenaphthene	14.59	154	754089	88.399	ng	100
53) 3-Nitroaniline	14.43	138	245005	88.386	ng	99
54) 2,4-Dinitrophenol	14.63	184	135098	108.610	ng	98
55) Dibenzofuran	14.92	168	1126098	87.189	ng	97
56) 4-Nitrophenol	14.75	139	187022	92.107	ng	97
57) 2,4-Dinitrotoluene	14.89	165	317401	90.384	ng	99
58) Fluorene	15.57	166	896667	88.145	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	268675	96.346	ng	99
60) Diethylphthalate	15.34	149	972076	86.815	ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	496044	89.933	ng	97
62) 4-Nitroaniline	15.59	138	250828	90.556	ng	96
63) Azobenzene	15.86	77	828348	84.409	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	186234	98.820	ng	96
66) n-Nitrosodiphenylamine	15.78	169	830722	86.825	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	341097	91.702	ng	99
68) Hexachlorobenzene	16.58	284	384377	92.239	ng	99
69) Atrazine	16.73	200	309410	94.350	ng	98
70) Pentachlorophenol	16.93	266	187990	97.350	ng	99
71) Phenanthrene	17.31	178	1442875	87.277	ng	96
72) Anthracene	17.40	178	1420608	86.915	ng	96
73) Carbazole	17.67	167	1321921	87.731	ng	98
74) Di-n-butylphthalate	18.23	149	1608755	86.398	ng	96
75) Fluoranthene	19.32	202	1685533	88.134	ng	96
77) Benzidine	19.50	184	839399	97.674	ng	95
78) Pyrene	19.68	202	1686280	84.749	ng	94
80) Butylbenzylphthalate	20.57	149	774588	85.425	ng	95
81) Benzo(a)anthracene	21.49	228	1662114	87.044	ng	96
82) 3,3'-Dichlorobenzidine	21.41	252	676661	91.305	ng	98
83) Chrysene	21.56	228	1618578	87.694	ng	94
84) Bis(2-ethylhexyl)phthalate	21.41	149	1030714	82.586	ng	96
85) Di-n-octyl phthalate	22.57	149	1845633	85.469	ng	98
86) Indeno(1,2,3-cd)pyrene	28.07	276	2207046	91.654	ng	99
88) Benzo(b)fluoranthene	23.61	252	1825907	88.865	ng	97
89) Benzo(k)fluoranthene	23.68	252	1792129	89.491	ng	98
90) Benzo(a)pyrene	24.44	252	1750483	90.106	ng	99
91) Dibenzo(a,h)anthracene	28.12	278	1771311	92.130	ng	99
92) Benzo(g,h,i)perylene	29.16	276	1771073	92.020	ng	100

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

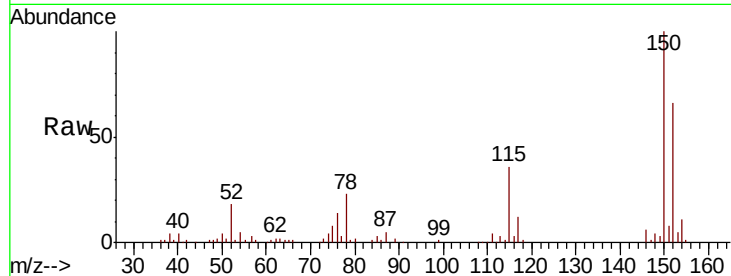


#1

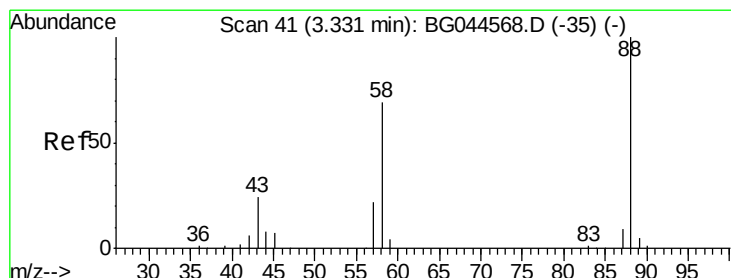
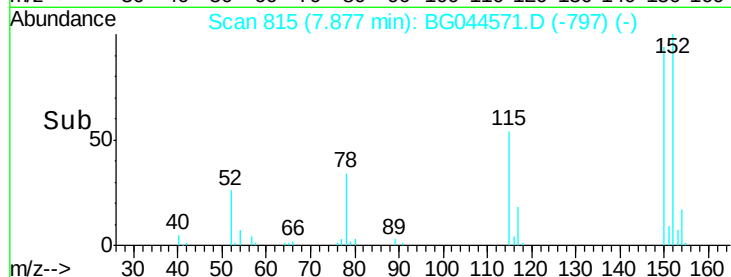
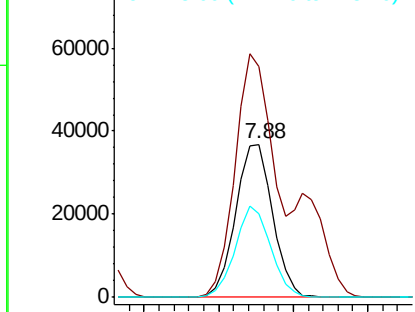
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63199
Ion Ratio Lower Upper
152 100
150 150.9 128.9 193.3
115 54.3 47.0 70.4



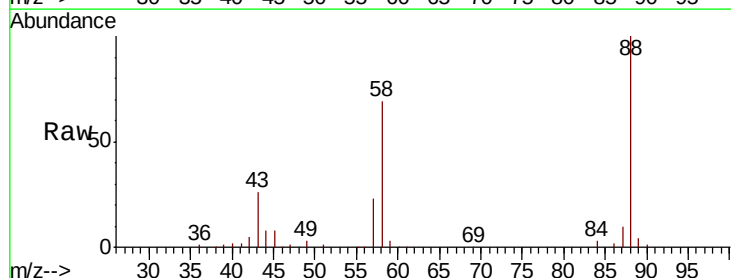
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



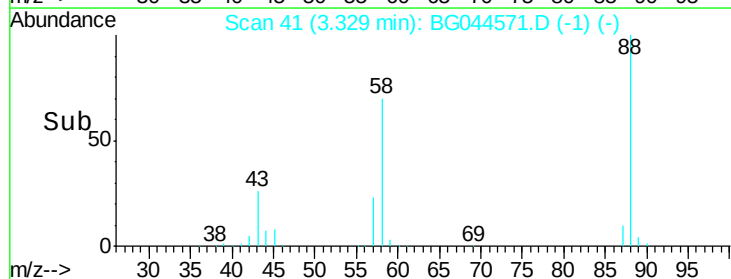
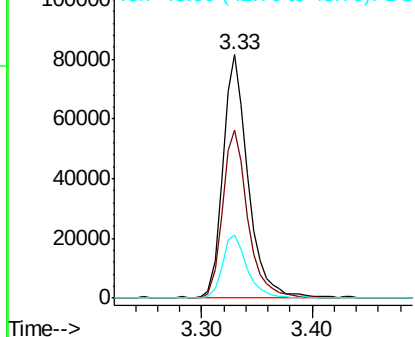
#2

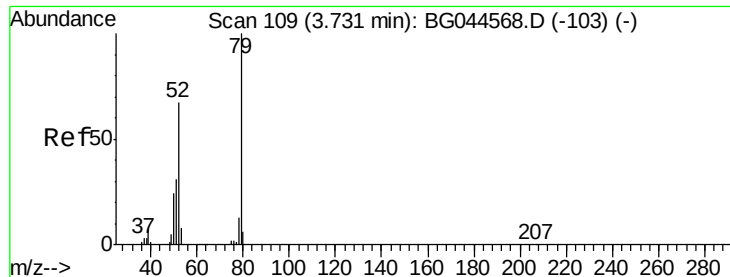
1,4-Dioxane
Concen: 79.971 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion: 88 Resp: 128667
Ion Ratio Lower Upper
88 100
58 69.8 55.8 83.8
43 25.8 20.6 31.0



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: 82.078 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

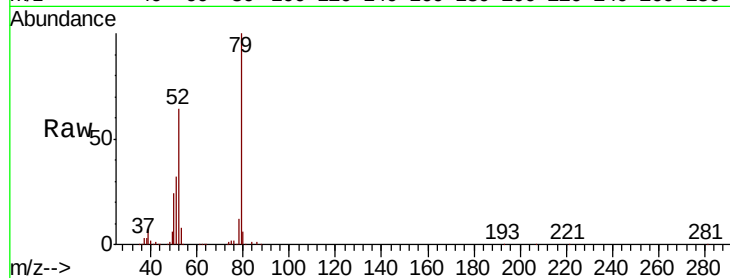
Tot Ion: 79 Resp: 351828

Ion Ratio Lower Upper

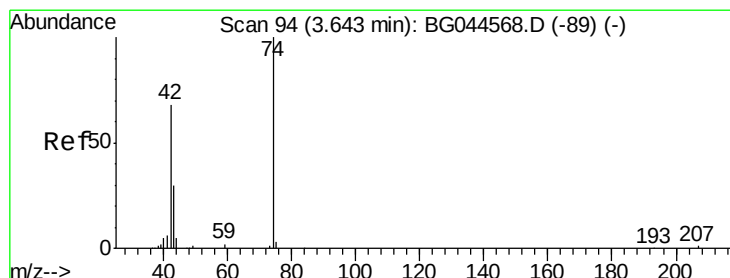
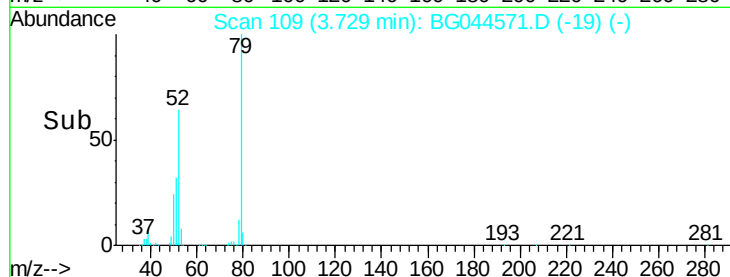
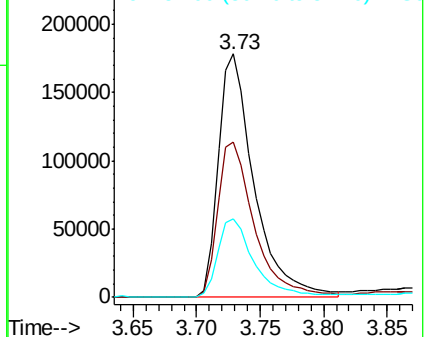
79 100

52 63.7 53.7 80.5

51 32.2 25.4 38.0



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: 79.151 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

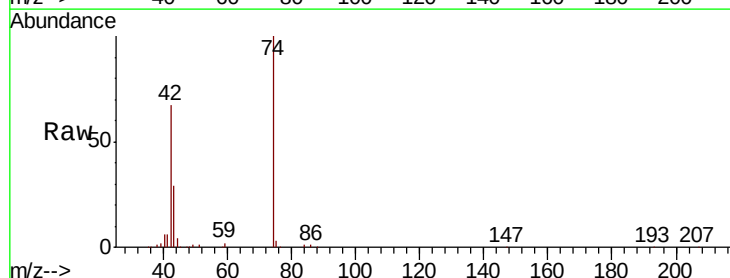
Tgt Ion: 42 Resp: 141777

Ion Ratio Lower Upper

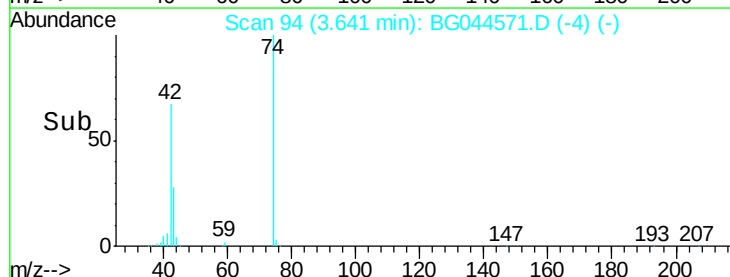
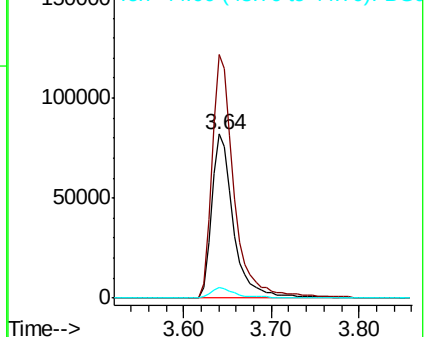
42 100

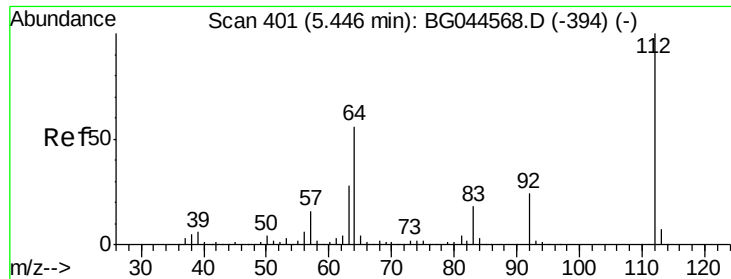
74 148.8 117.6 176.4

44 6.6 6.3 9.5



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: 168.055 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

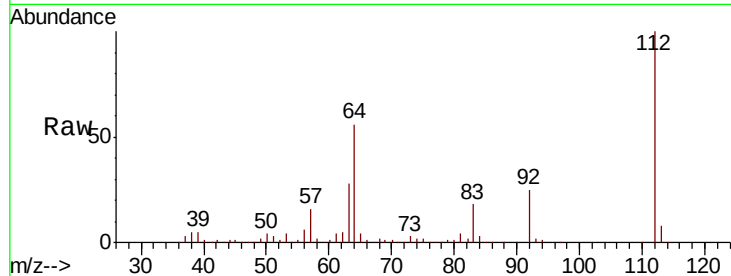
Tot Ion: 112 Resp: 601804

Ion Ratio Lower Upper

112 100

64 55.8 44.8 67.2

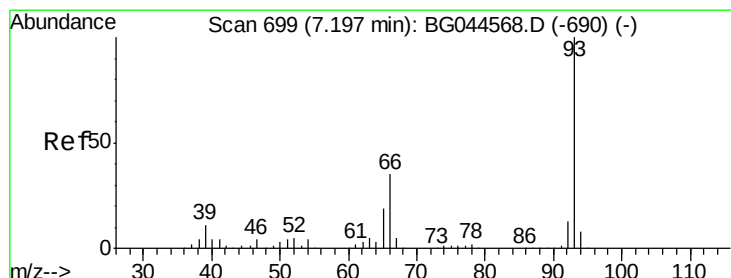
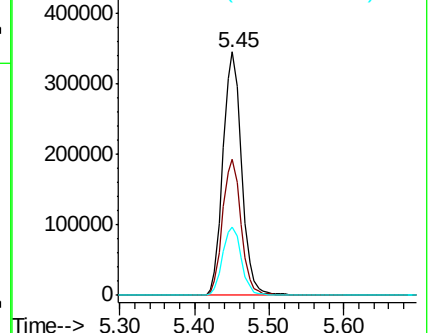
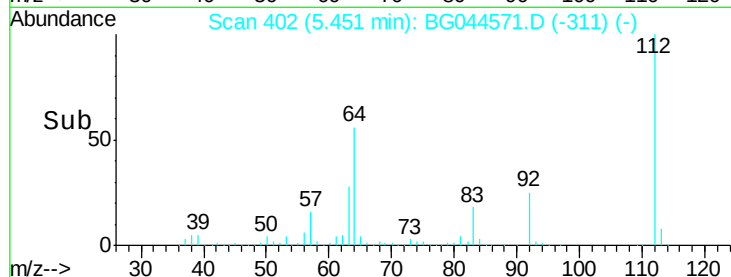
63 28.2 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 84.950 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

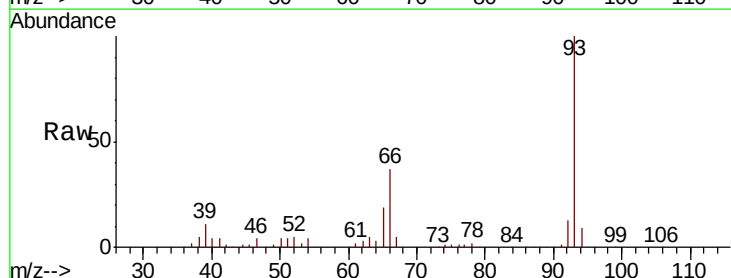
Tgt Ion: 93 Resp: 507058

Ion Ratio Lower Upper

93 100

66 36.7 27.8 41.8

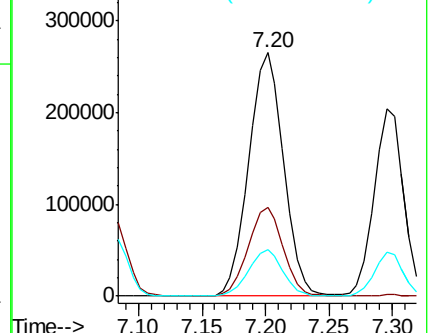
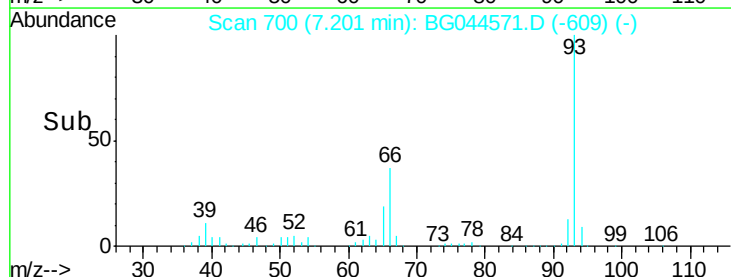
65 18.9 14.9 22.3

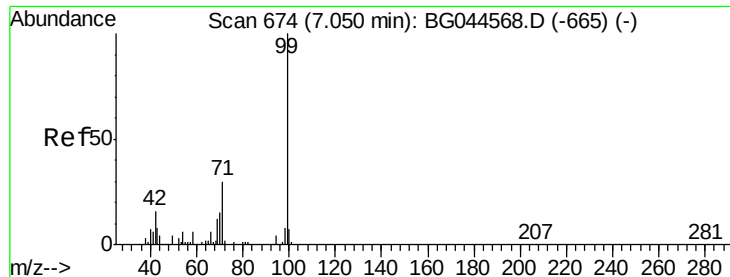


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 169.891 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

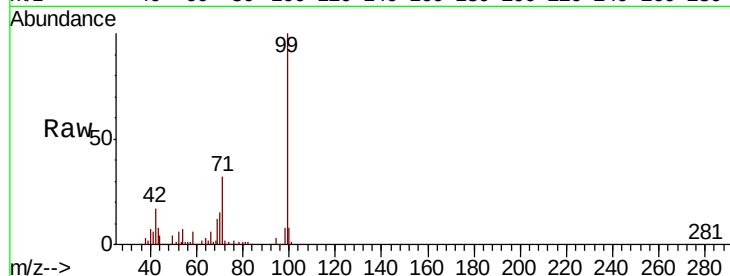
Tot Ion: 99 Resp: 816964

Ion Ratio Lower Upper

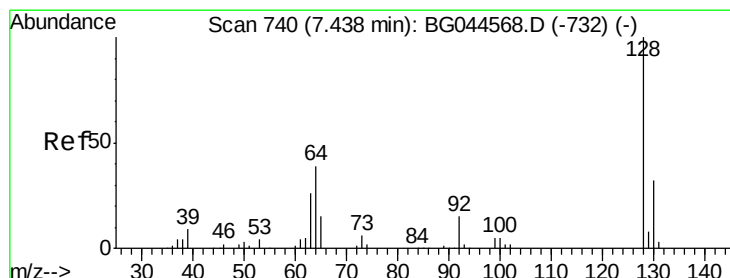
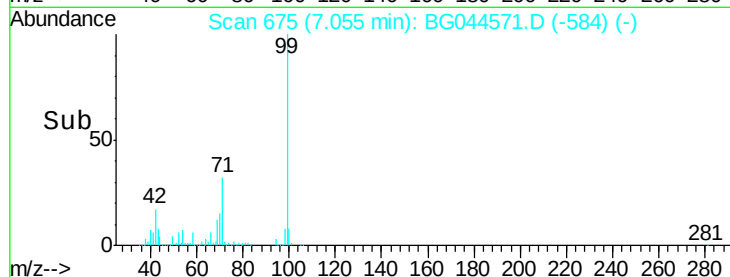
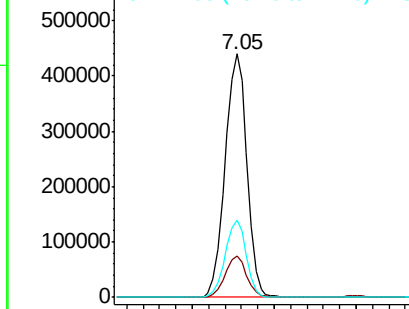
99 100

42 16.7 12.8 19.2

71 31.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 82.978 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

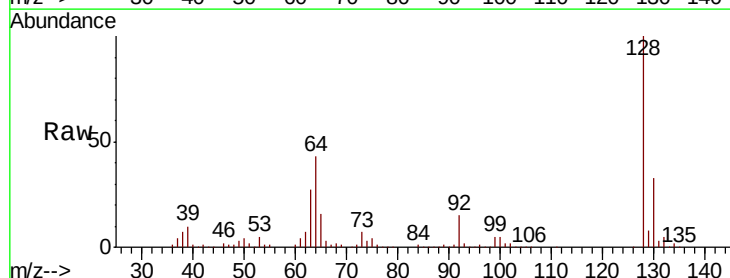
Tgt Ion: 128 Resp: 326569

Ion Ratio Lower Upper

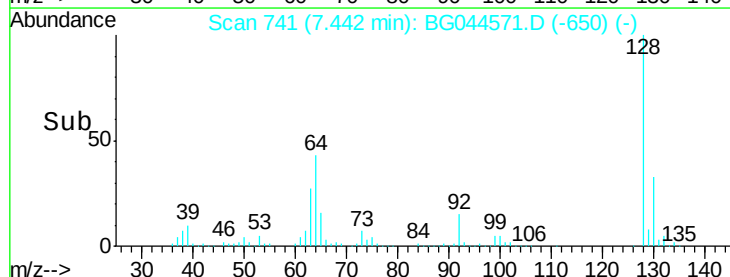
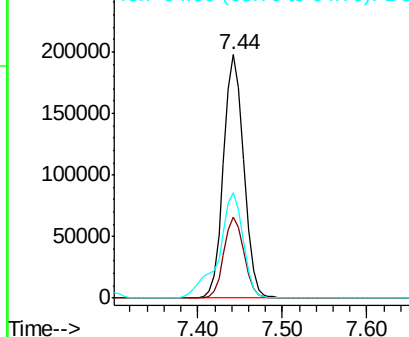
128 100

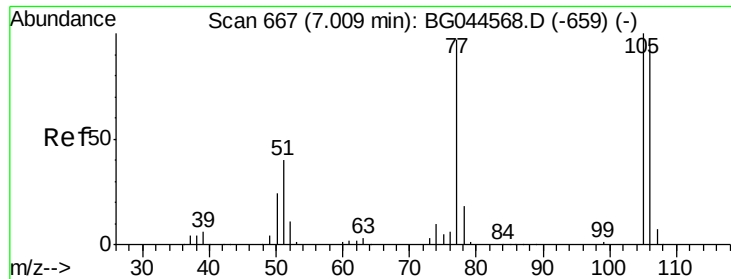
130 33.3 12.3 52.3

64 43.5 22.5 62.5



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





#9

Benzaldehyde

Concen: 72.660 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

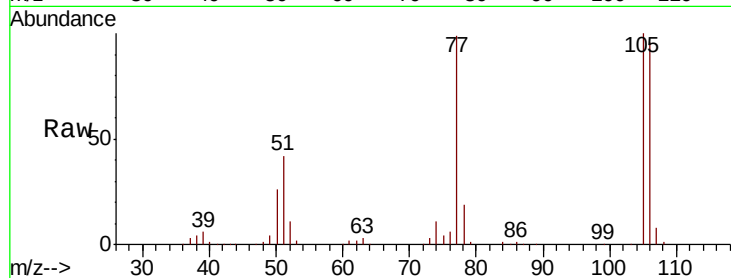
Tot Ion: 77 Resp: 198997

Ion Ratio Lower Upper

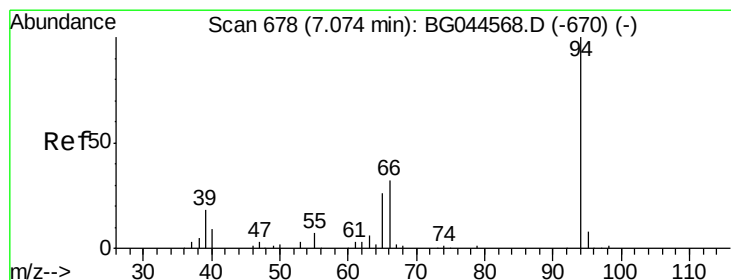
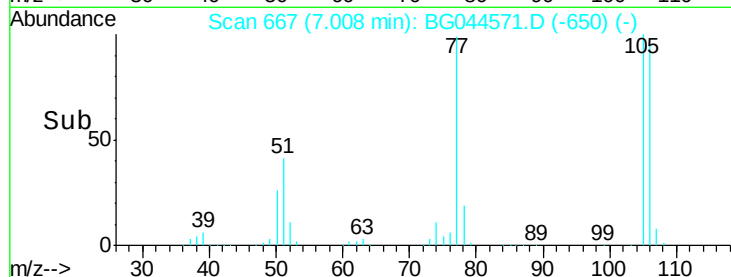
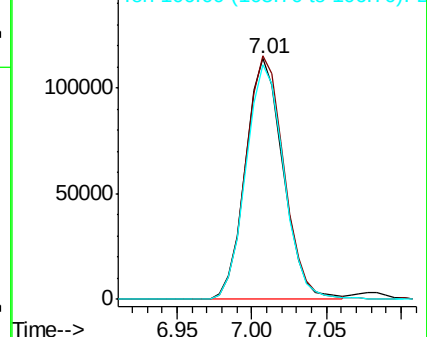
77 100

105 101.1 83.6 123.6

106 97.2 78.2 118.2



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: 84.106 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

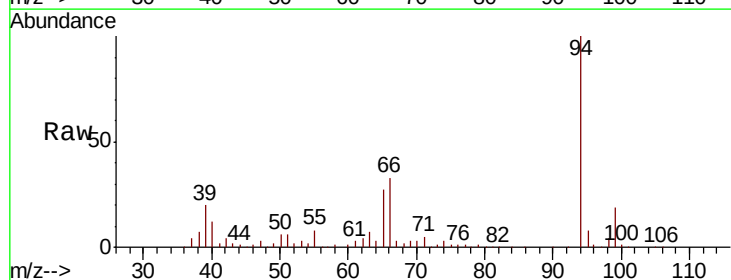
Tgt Ion: 94 Resp: 400267

Ion Ratio Lower Upper

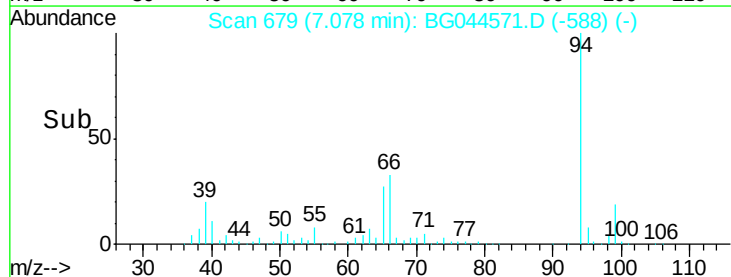
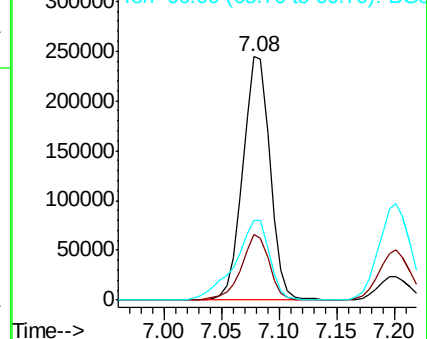
94 100

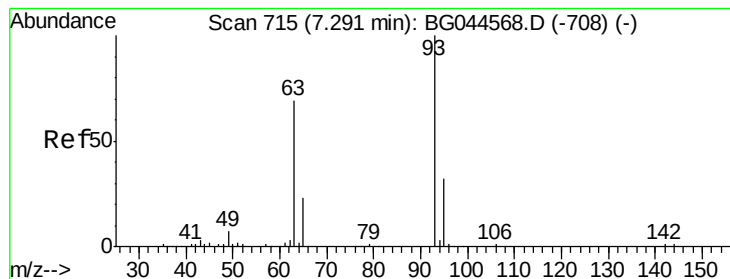
65 27.0 6.4 46.4

66 33.0 13.9 53.9



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: 80.991 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

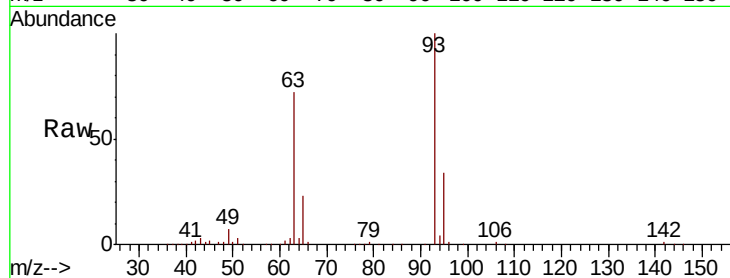
Tot Ion: 93 Resp: 329525

Ion Ratio Lower Upper

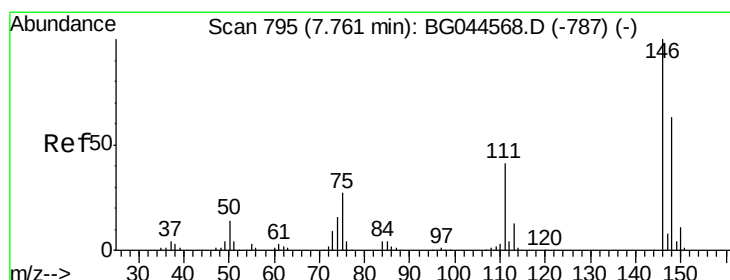
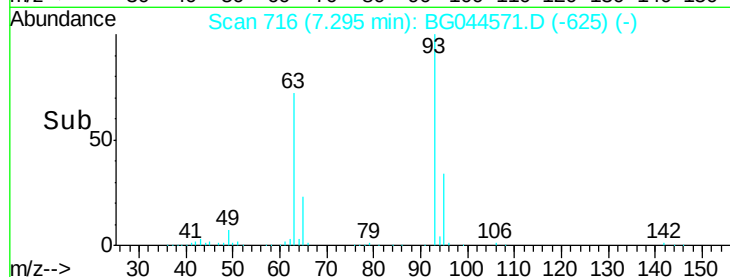
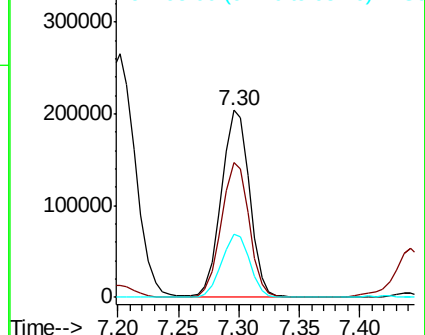
93 100

63 72.1 48.9 88.9

95 33.7 11.3 51.3



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



#12

1,3-Dichlorobenzene

Concen: 83.311 ng

RT: 7.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

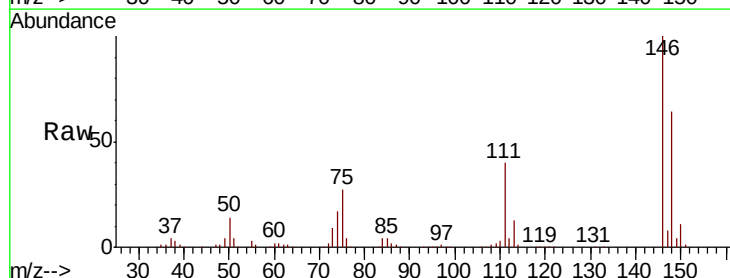
Tgt Ion: 146 Resp: 391476

Ion Ratio Lower Upper

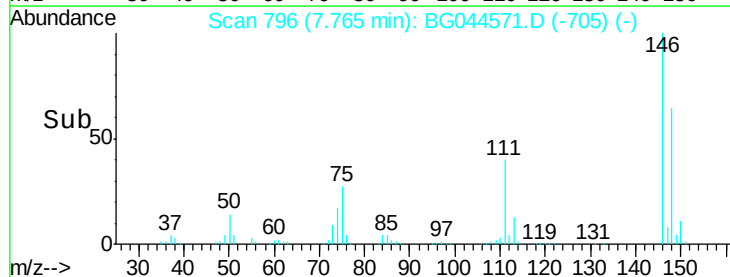
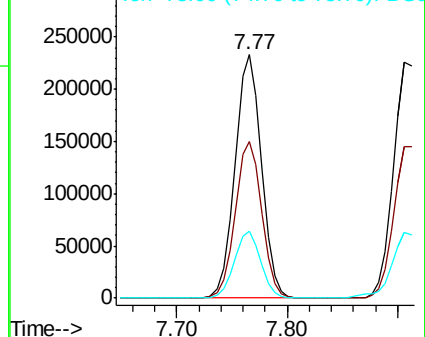
146 100

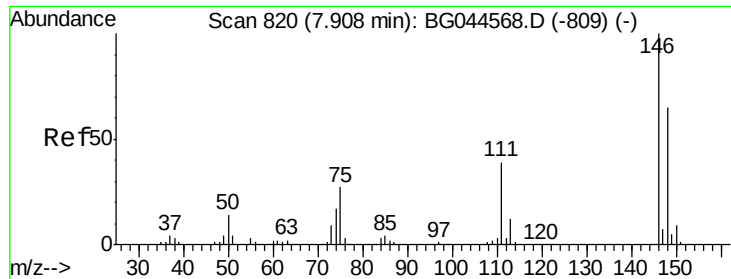
148 64.5 50.6 75.8

75 27.3 21.4 32.0



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

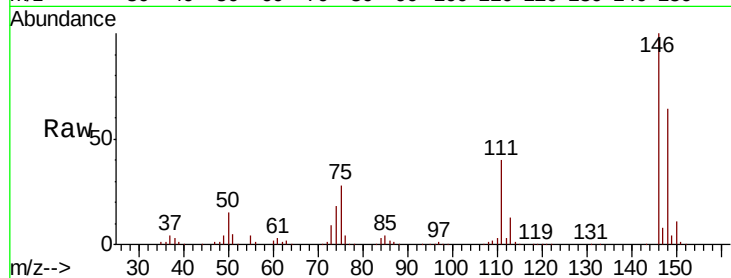




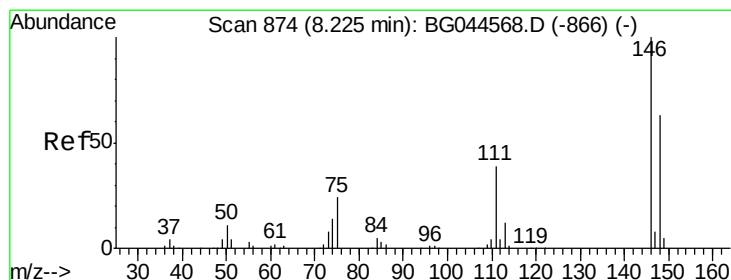
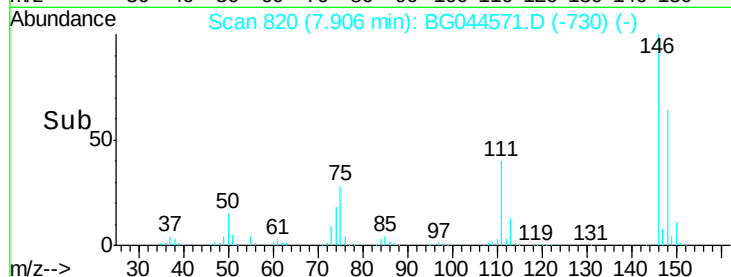
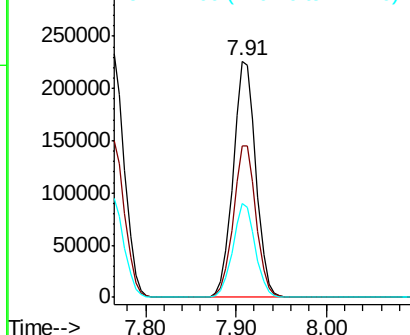
#13
 1,4-Dichlorobenzene
 Concen: 84.625 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	39.7	30.8	46.2

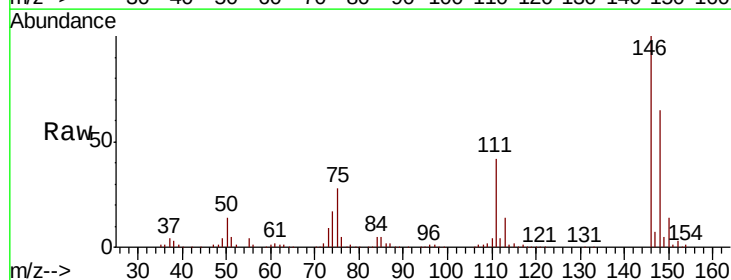


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

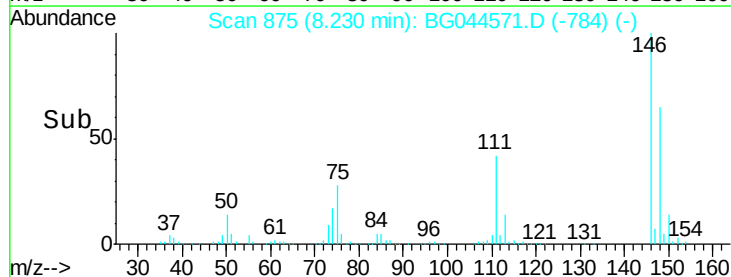
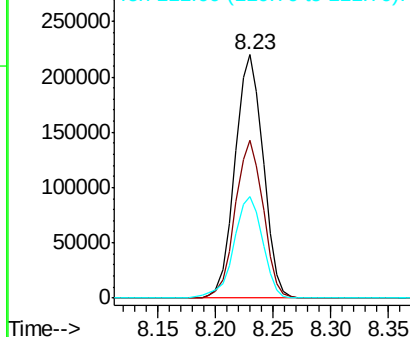


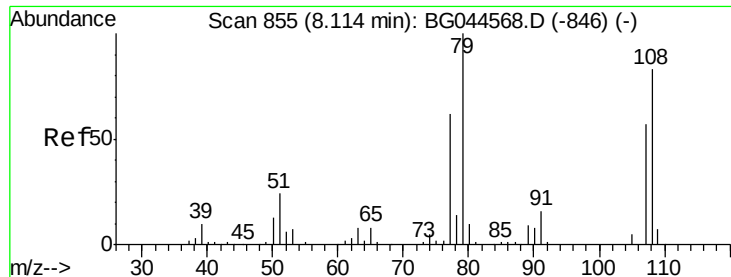
#14
 1,2-Dichlorobenzene
 Concen: 84.176 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	41.7	31.8	47.6



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: 85.447 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

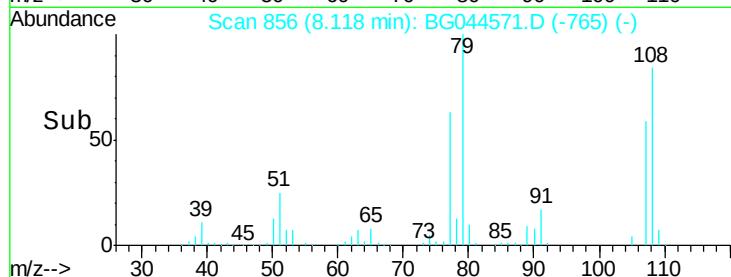
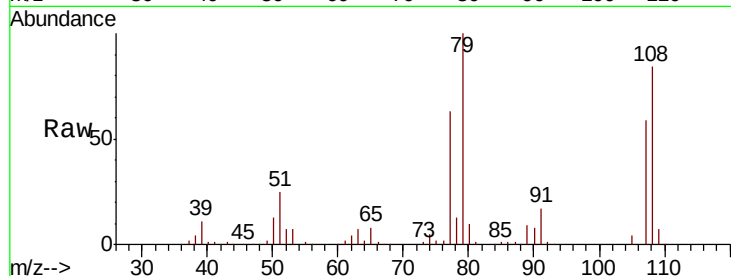
Tot Ion: 79 Resp: 290901

Ion Ratio Lower Upper

79 100

108 83.9 66.0 99.0

77 62.8 49.6 74.4

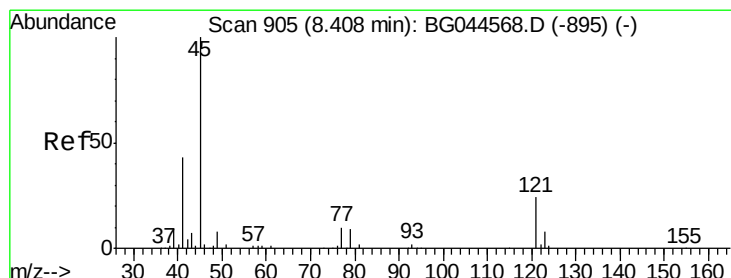
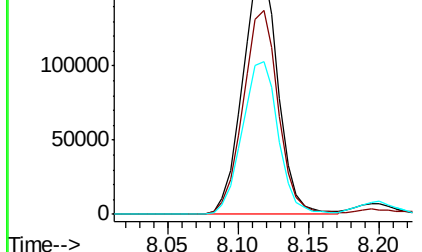


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 81.753 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

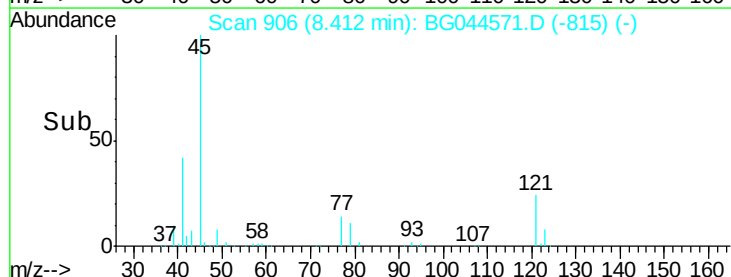
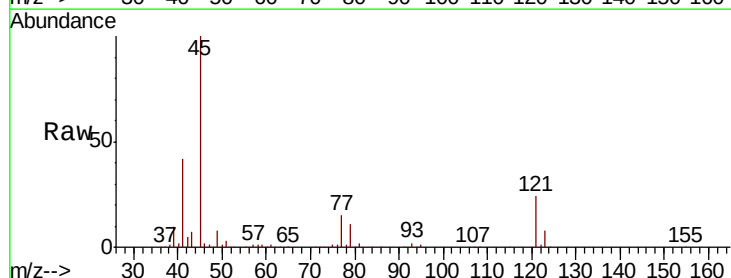
Tgt Ion: 45 Resp: 450201

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.4

79 11.4 0.0 32.3

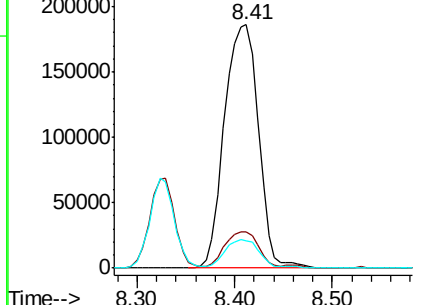


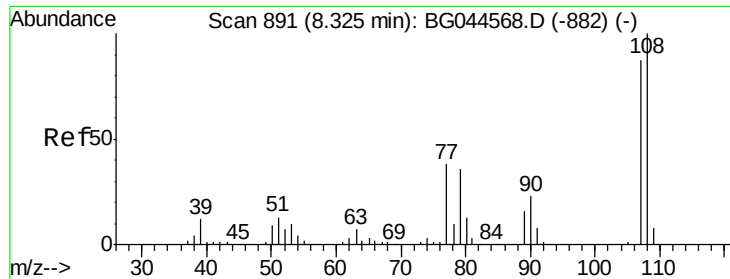
Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

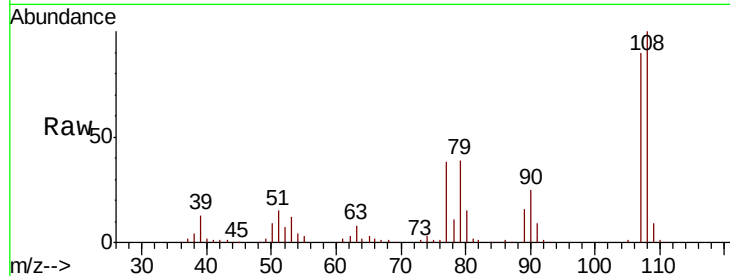




#17
2-Methylphenol
Concen: 83.939 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	42.7	35.1	52.7
79	43.1	33.2	49.8



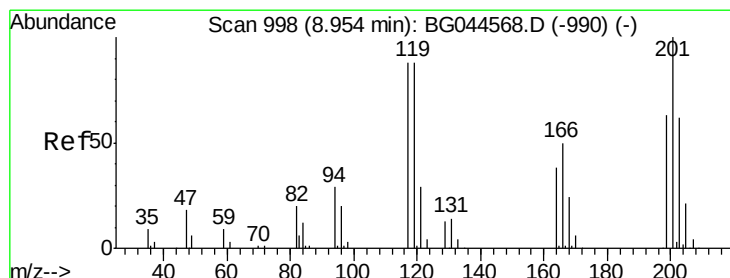
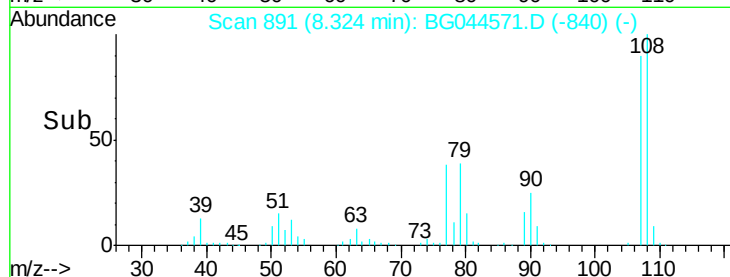
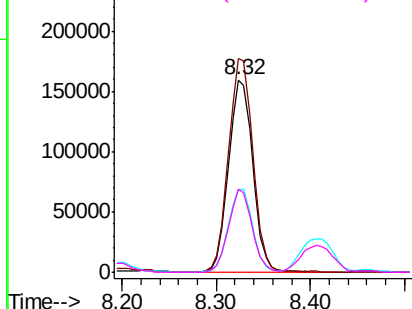
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

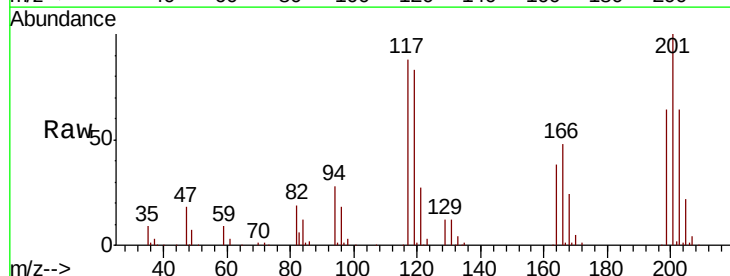
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 83.246 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	80.0	120.0
201	113.9	90.5	135.7

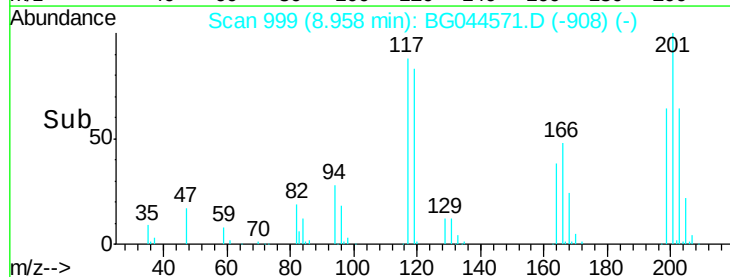
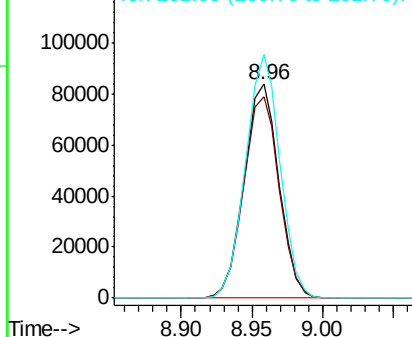


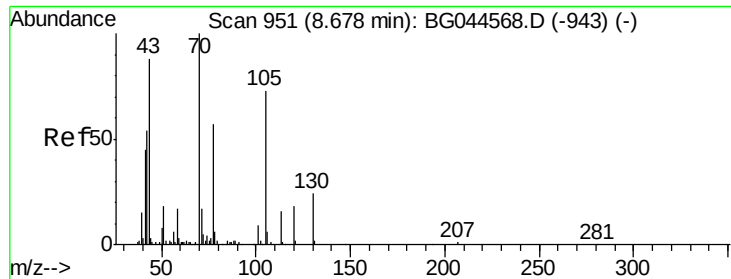
Abundance

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

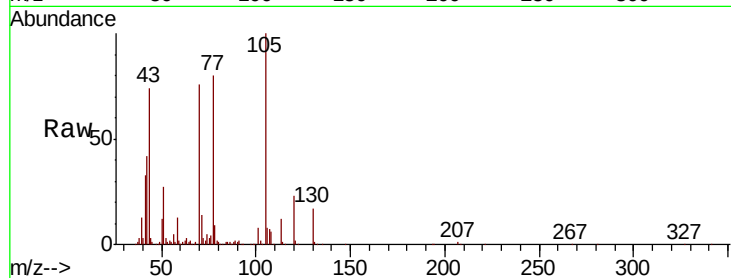




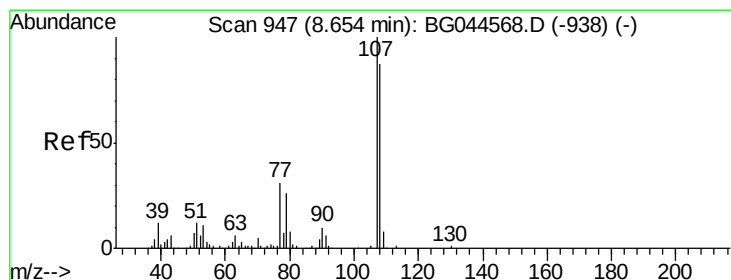
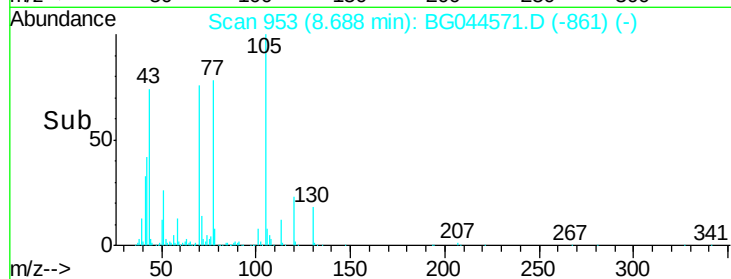
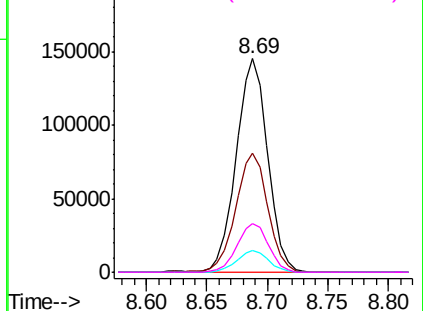
#19
 n-Nitroso-di-n-propylamine
 Concen: 81.414 ng
 RT: 8.69 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	70	Resp:	260917
Ion	Ratio	Lower	Upper
70	100		
42	55.5	43.4	65.0
101	10.1	7.5	11.3
130	23.1	18.9	28.3

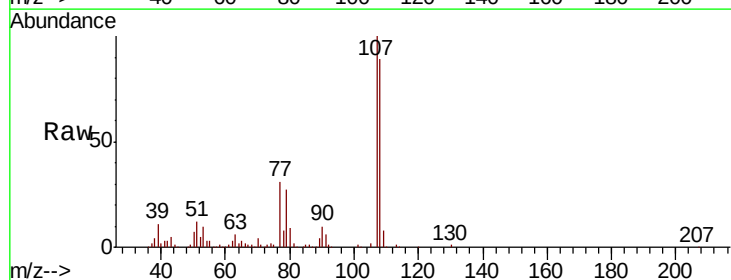


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

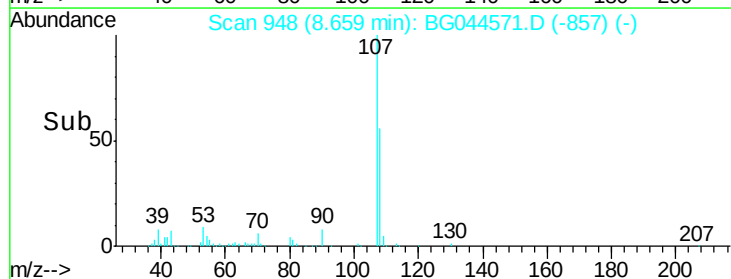
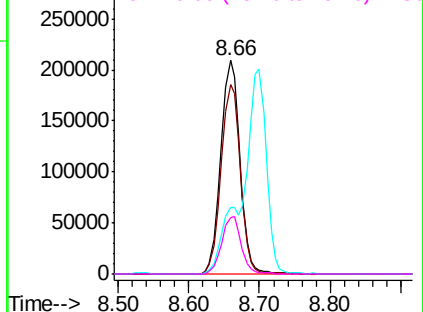


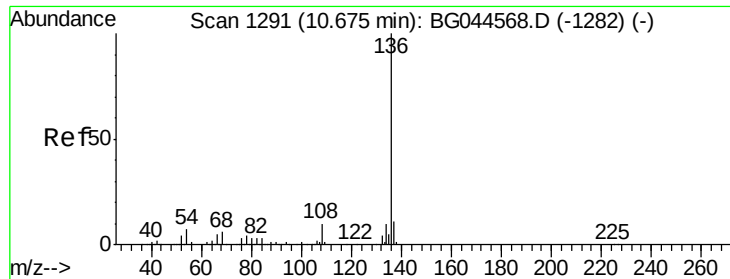
#20
 3+4-Methylphenols
 Concen: 84.783 ng
 RT: 8.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:	107	Resp:	396742
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.5	107.5
77	31.0	11.3	51.3
79	26.5	6.4	46.4



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

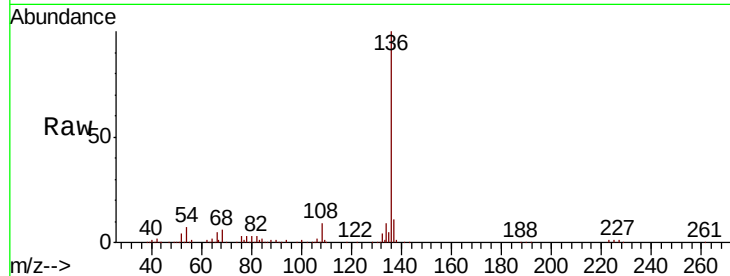




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 244164
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.4	5.7 8.5
68 5.9	4.5 6.7



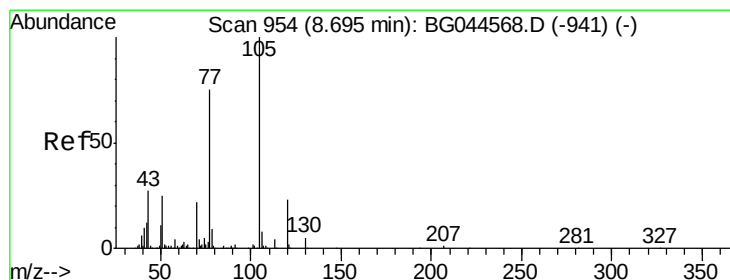
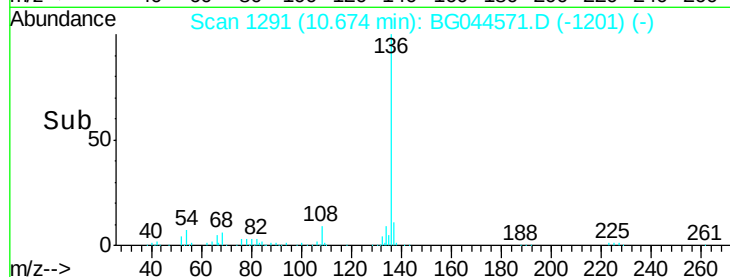
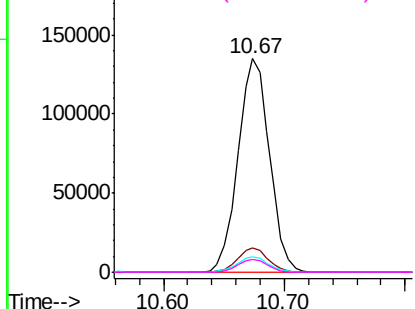
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

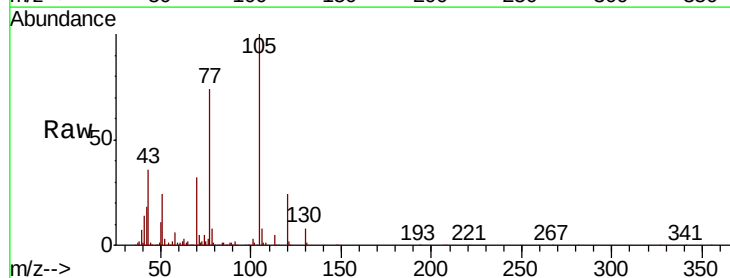
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 81.140 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:105	Resp: 481953
Ion Ratio	Lower Upper
105 100	
71 5.2	2.8 4.2#
51 23.9	19.9 29.9
120 24.0	18.6 28.0



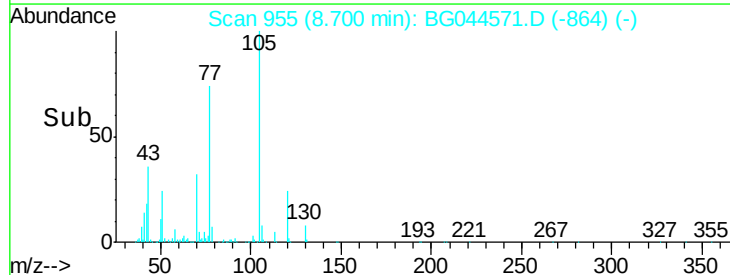
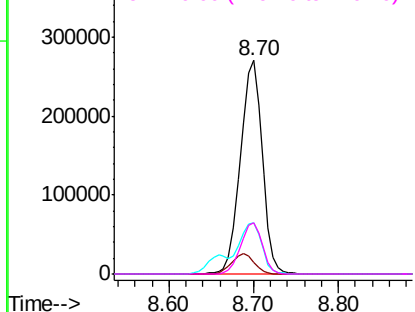
Abundance

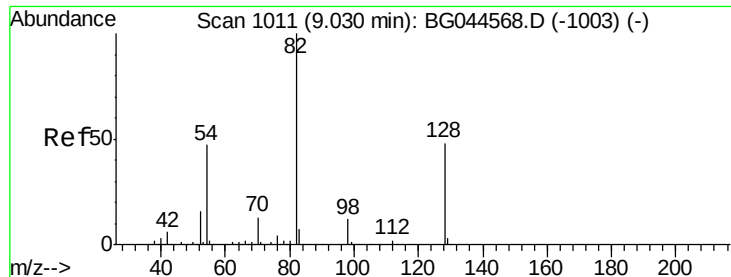
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

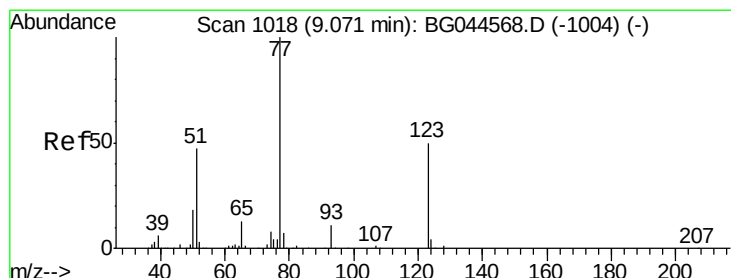
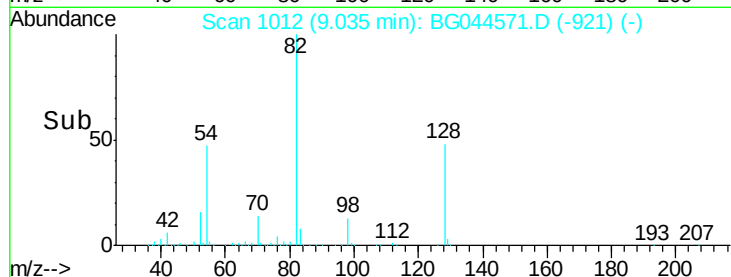
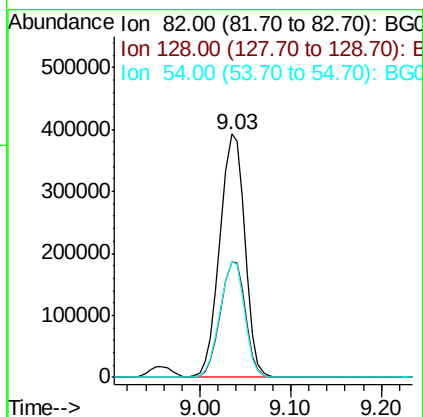
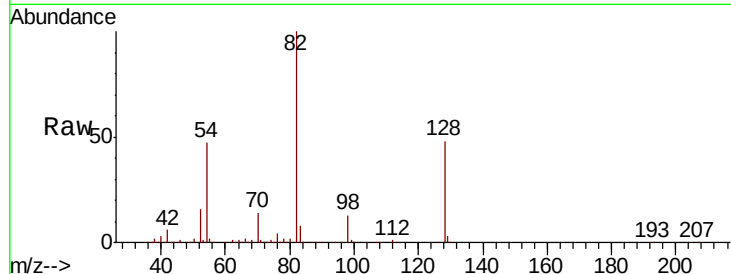




#23
 Nitrobenzene-d5
 Concen: 174.424 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

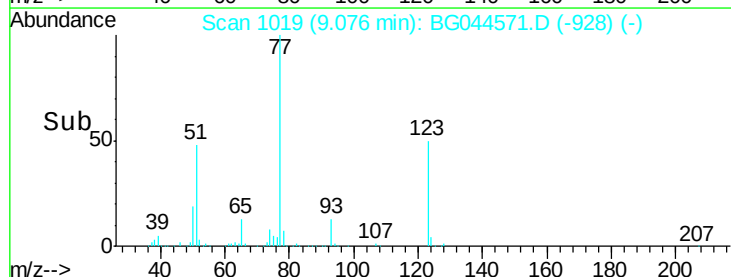
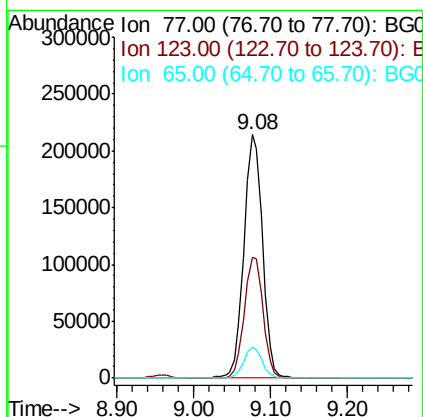
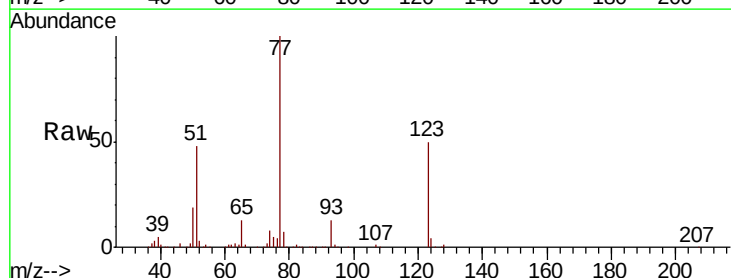
Instrument :
 BNA_G
 ClientSampleId :

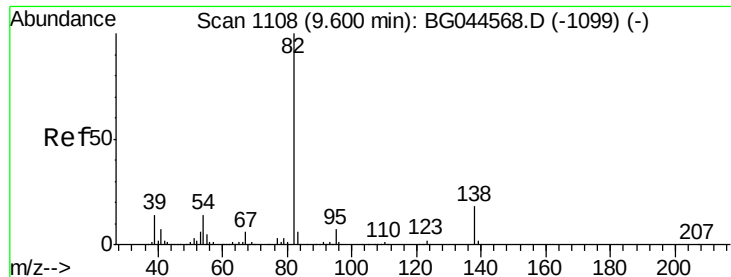
Tot Ion	82	Resp	754356
Ion Ratio	100	Lower	Upper
128	47.6	38.1	57.1
54	47.3	37.5	56.3



#24
 Nitrobenzene
 Concen: 86.593 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion	77	Resp	365607
Ion Ratio	100	Lower	Upper
123	49.7	40.1	60.1
65	13.0	10.4	15.6





#25

Isophorone

Concen: 87.525 ng

RT: 9.60 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

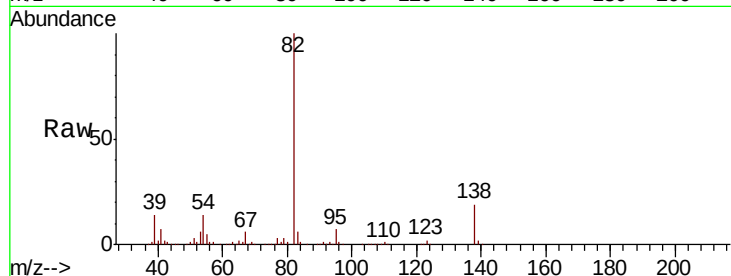
Tot Ion: 82 Resp: 705536

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

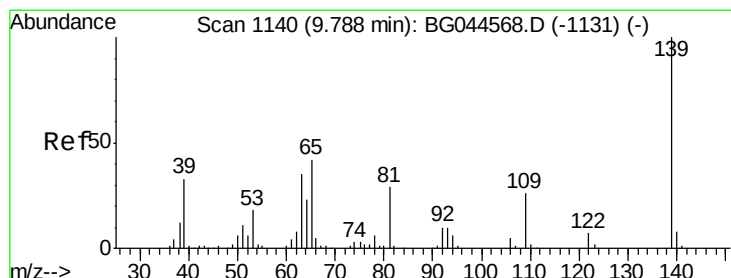
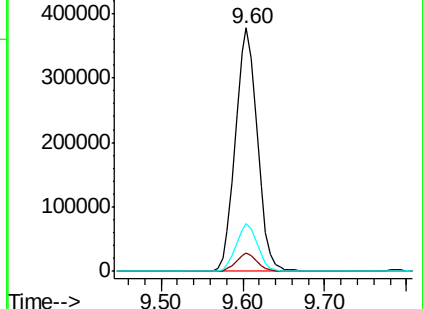
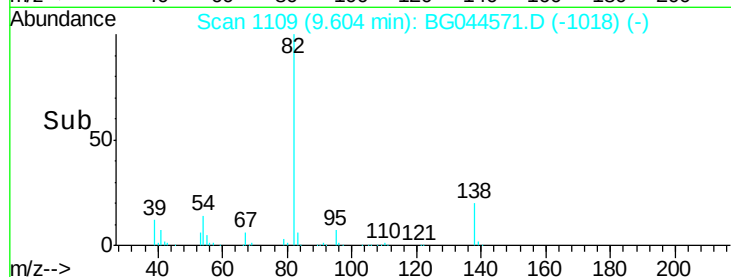
138 19.5 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BG044571.D (-1018) (-)

Ion 95.00 (94.70 to 95.70): BG044571.D (-1018) (-)

Ion 138.00 (137.70 to 138.70): BG044571.D (-1018) (-)



#26

2-Nitrophenol

Concen: 93.214 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

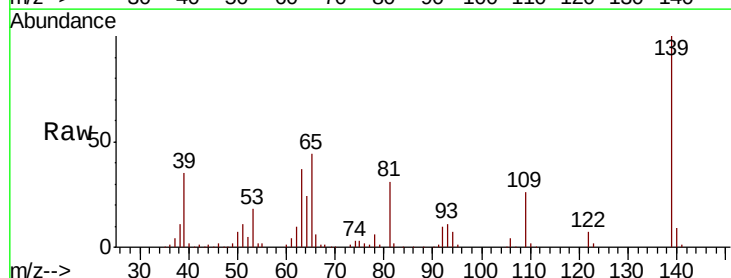
Tgt Ion: 139 Resp: 204214

Ion Ratio Lower Upper

139 100

109 26.4 20.6 31.0

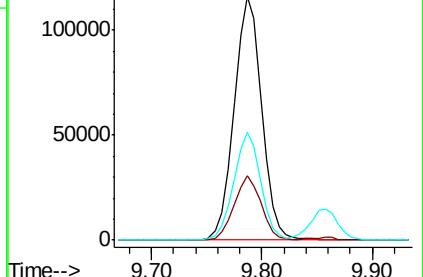
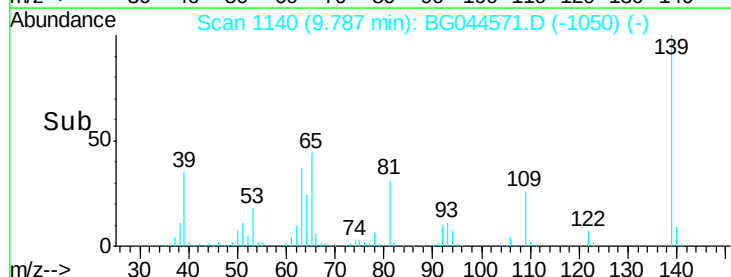
65 44.1 33.3 49.9

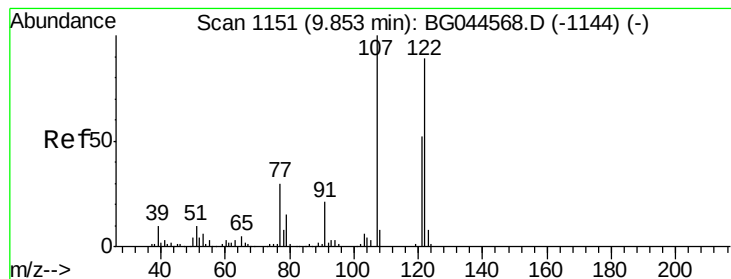


Abundance Ion 139.00 (138.70 to 139.70): BG044571.D (-1050) (-)

Ion 109.00 (108.70 to 109.70): BG044571.D (-1050) (-)

Ion 65.00 (64.70 to 65.70): BG044571.D (-1050) (-)





#27

2,4-Dimethylphenol

Concen: 91.434 ng

RT: 9.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

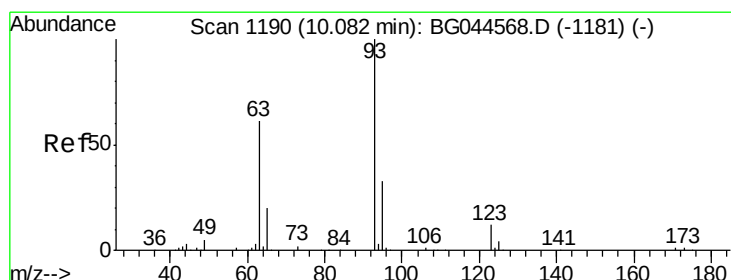
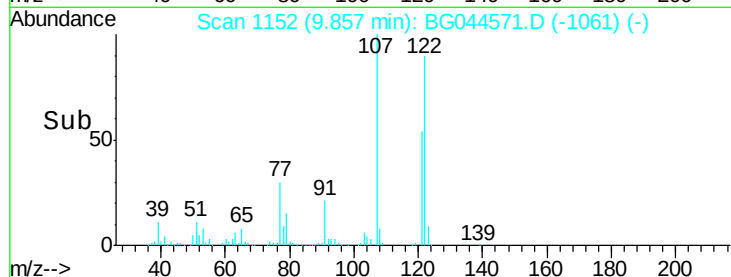
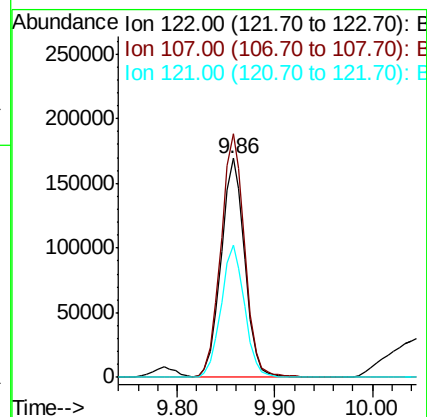
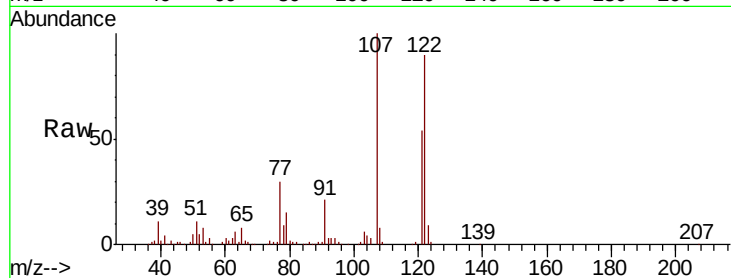
Tot Ion:122 Resp: 282764

Ion Ratio Lower Upper

122 100

107 111.3 89.4 134.0

121 60.4 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 86.188 ng

RT: 10.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

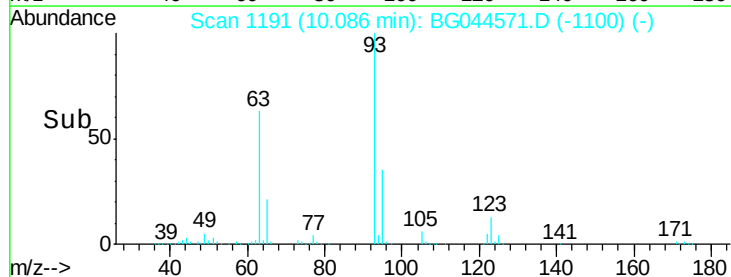
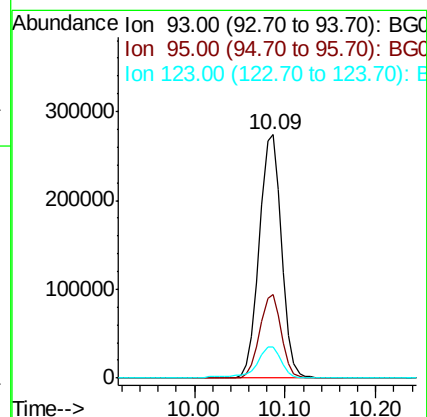
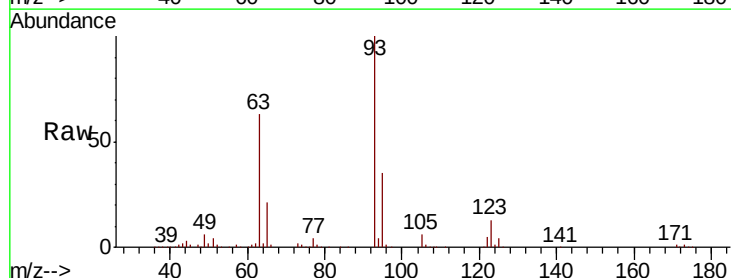
Tgt Ion: 93 Resp: 463471

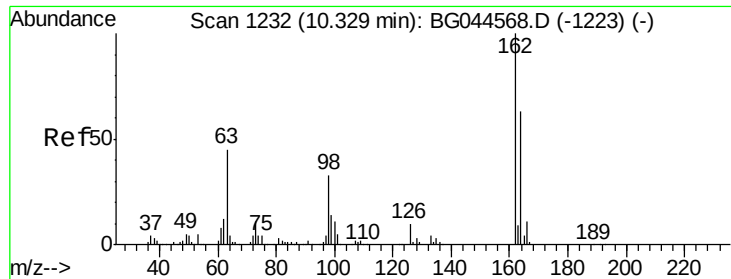
Ion Ratio Lower Upper

93 100

95 34.5 26.5 39.7

123 12.6 9.7 14.5

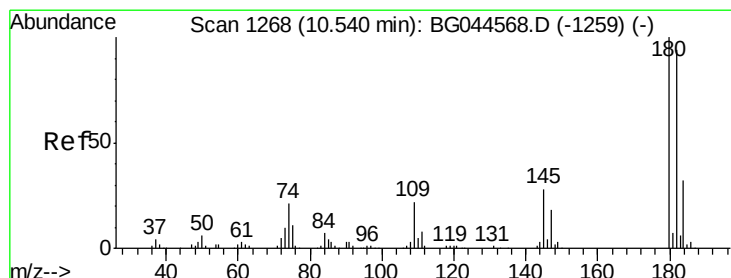
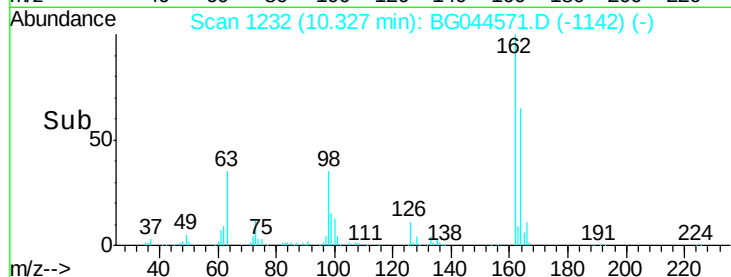
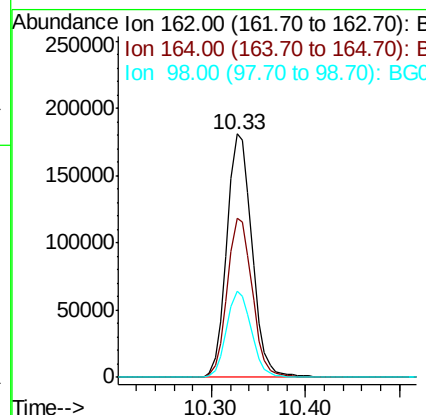
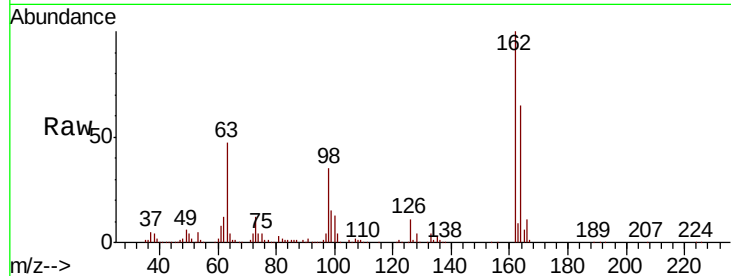




#29
 2,4-Dichlorophenol
 Concen: 90.861 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

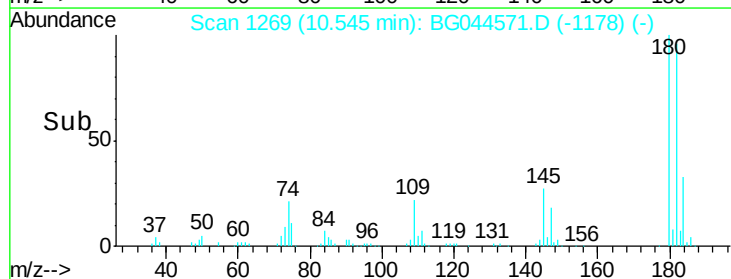
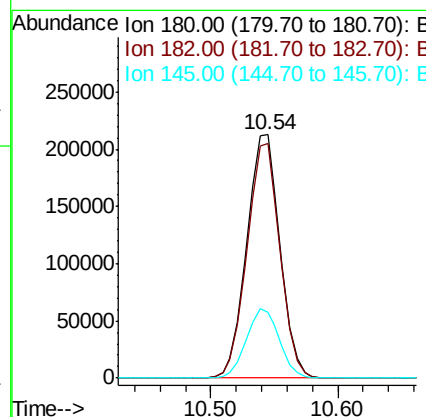
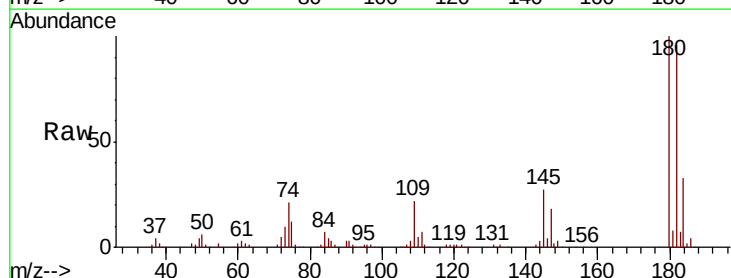
Instrument :
 BNA_G
 ClientSampled :

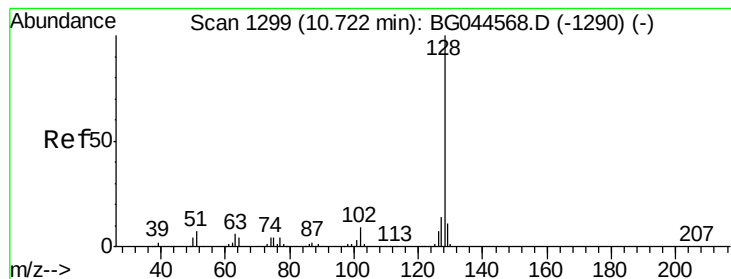
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.2	83.2
98	35.1	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 90.208 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.6	113.4
145	27.2	22.2	33.2





#31

Naphthalene

Concen: 88.524 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

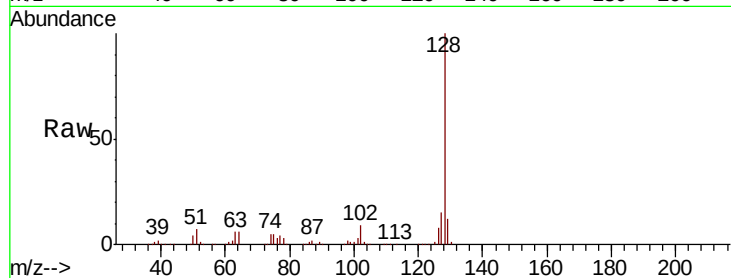
Tot Ion:128 Resp: 1048663

Ion Ratio Lower Upper

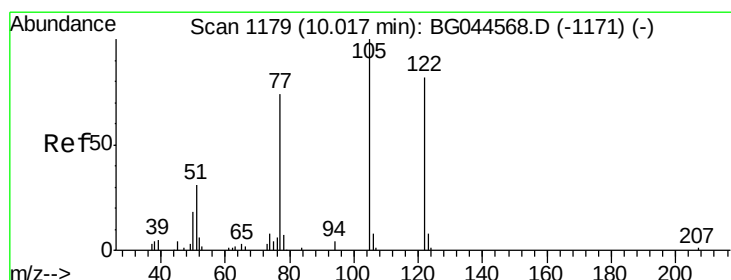
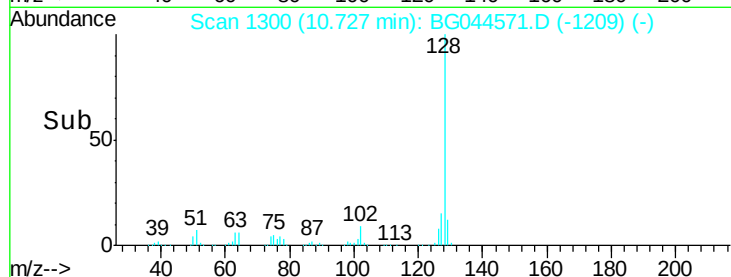
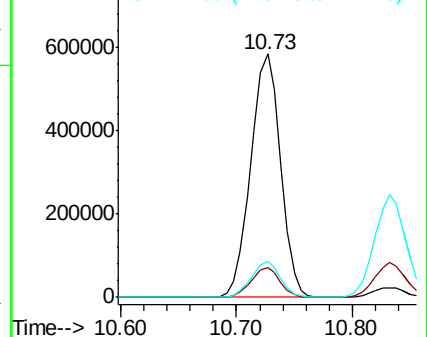
128 100

129 12.2 9.0 13.6

127 14.9 11.0 16.4



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



#32

Benzoic acid

Concen: 102.779 ng

RT: 10.06 min Scan# 1187

Delta R.T. 0.05 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

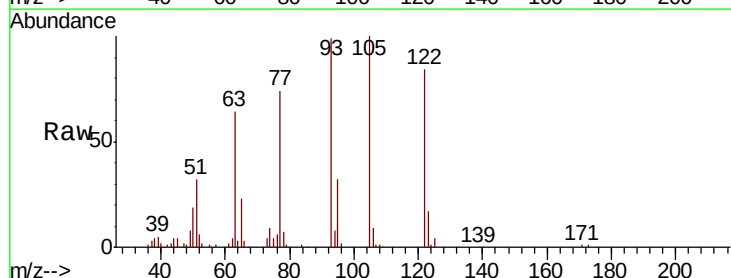
Tgt Ion:122 Resp: 169542

Ion Ratio Lower Upper

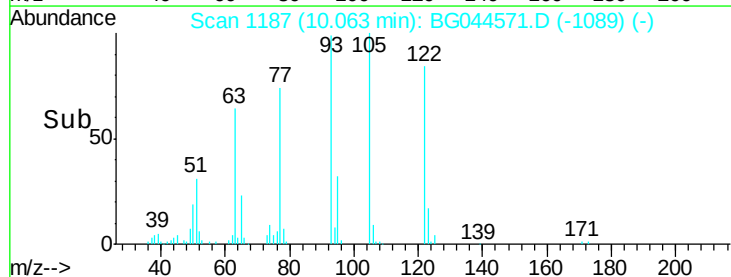
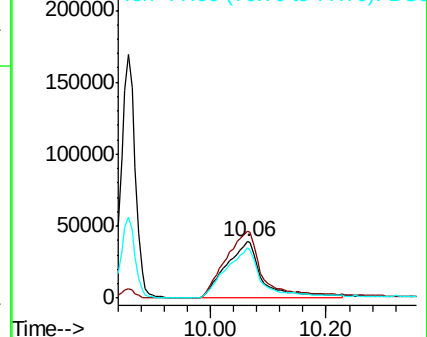
122 100

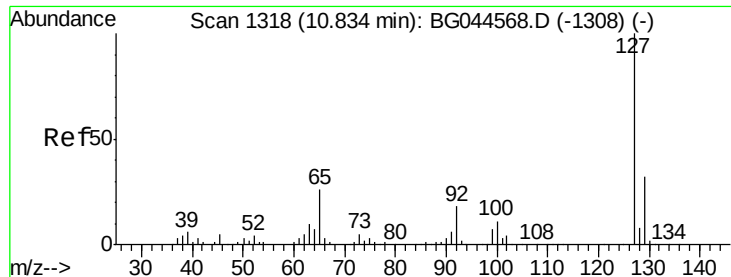
105 119.6 101.4 141.4

77 88.3 69.8 109.8



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

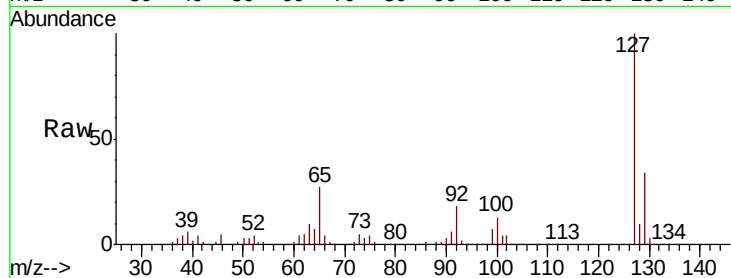




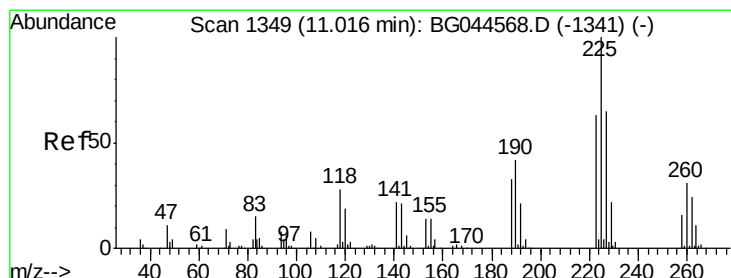
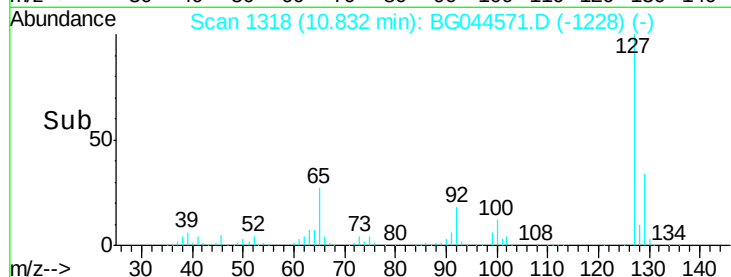
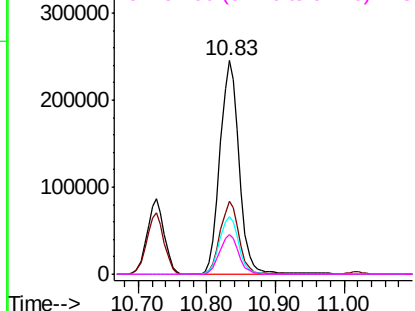
#33
4-Chloroaniline
Concen: 87.909 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	473622
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	27.2	20.7	31.1
92	18.5	14.2	21.2

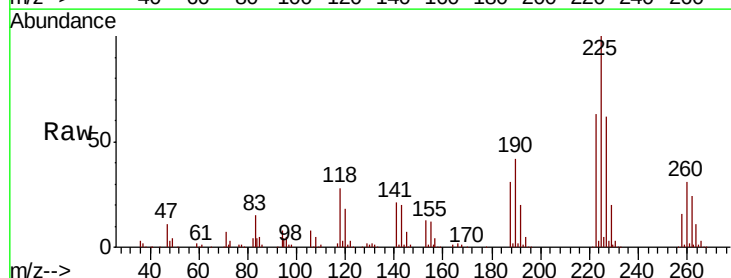


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

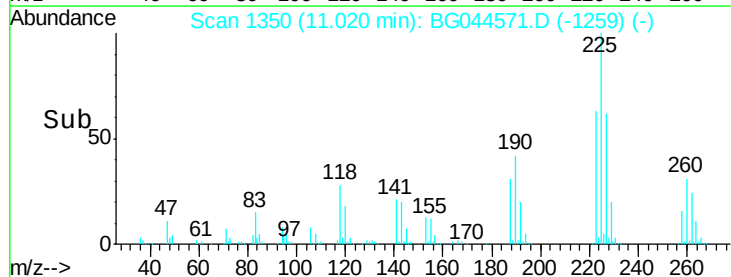
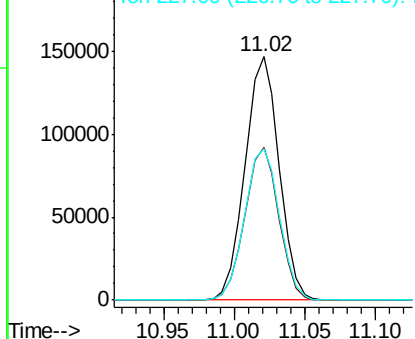


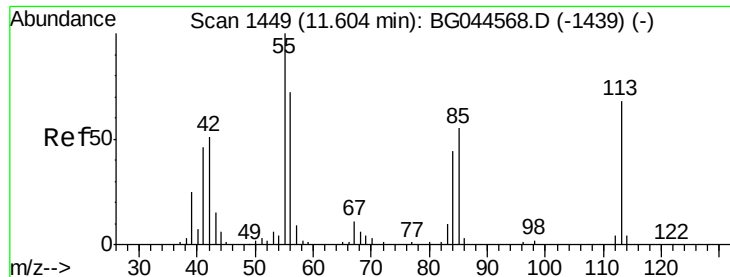
#34
Hexachlorobutadiene
Concen: 94.227 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:	225	Resp:	248607
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	62.2	52.1	78.1



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





#35

Caprolactam

Concen: 90.611 ng

RT: 11.63 min Scan# 1454

Delta R.T. 0.03 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

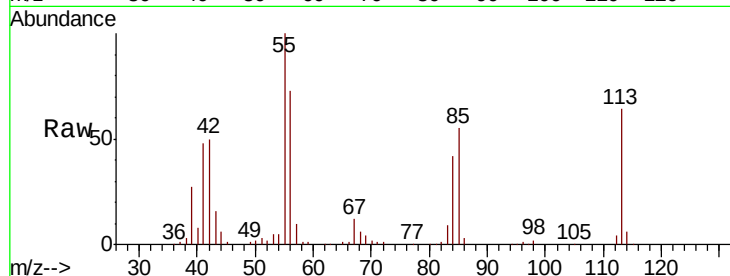
Tot Ion:113 Resp: 124120

Ion Ratio Lower Upper

113 100

55 156.5 127.8 167.8

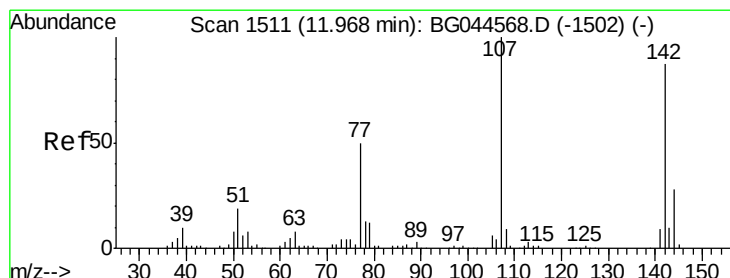
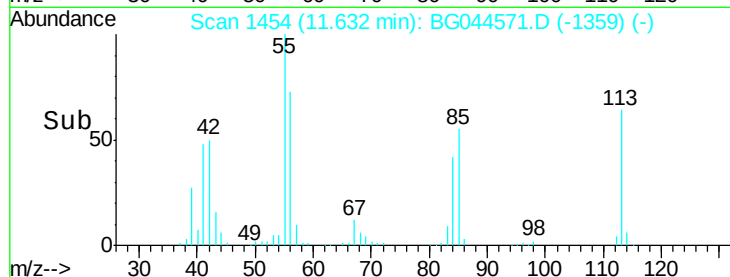
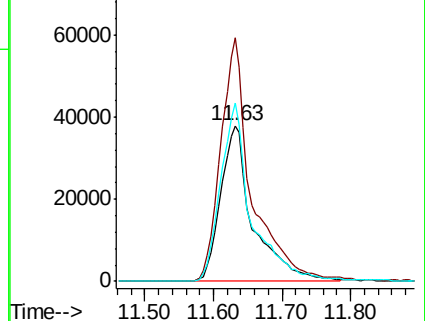
56 114.5 86.9 126.9



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: 88.078 ng

RT: 11.98 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

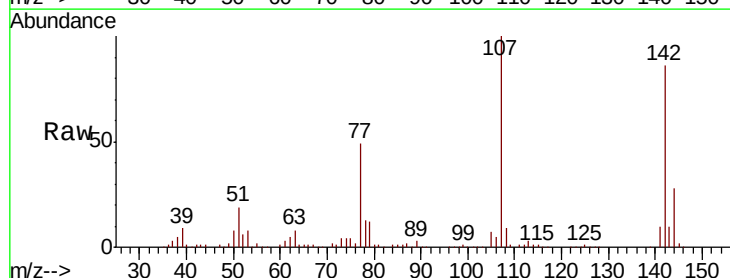
Tgt Ion:107 Resp: 345320

Ion Ratio Lower Upper

107 100

144 28.3 22.3 33.5

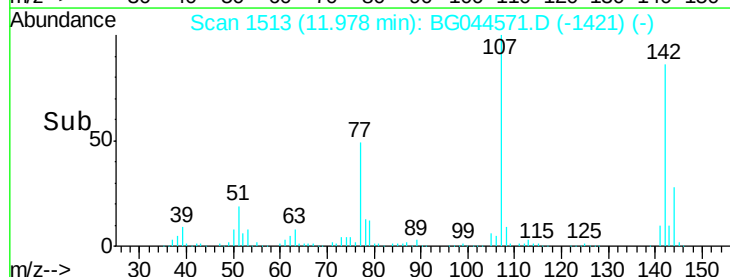
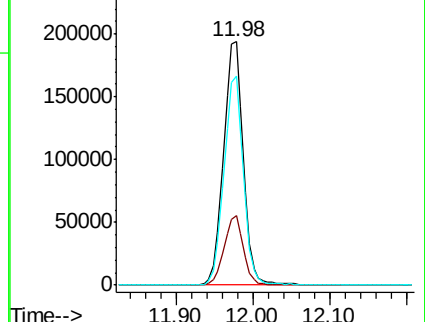
142 85.8 69.3 103.9

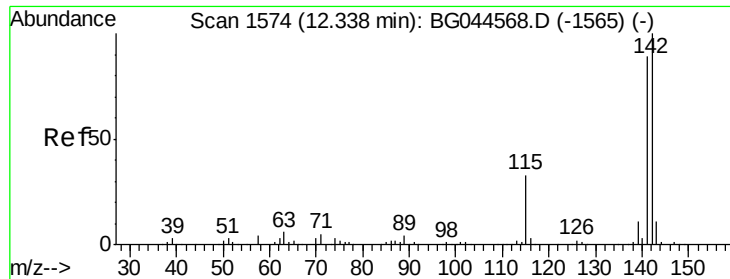


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

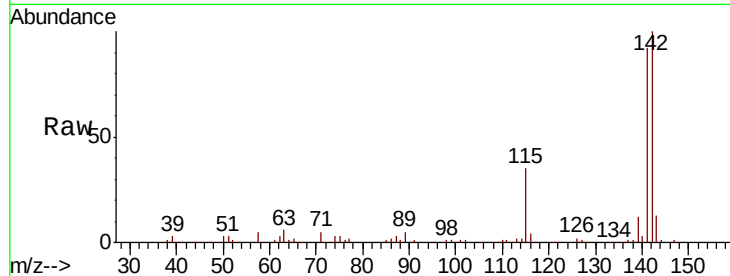




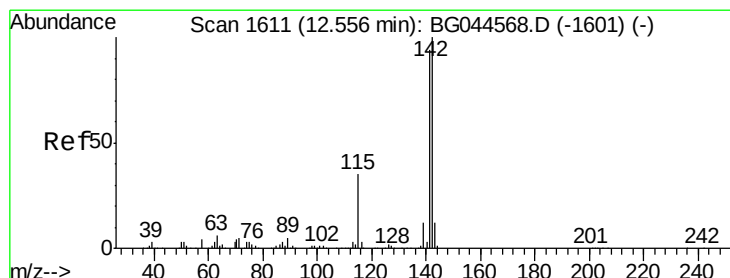
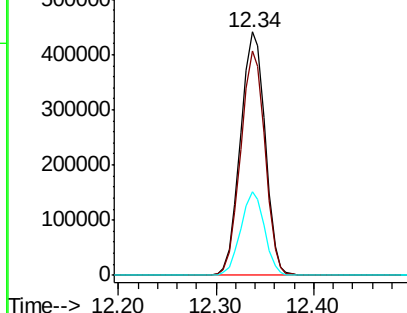
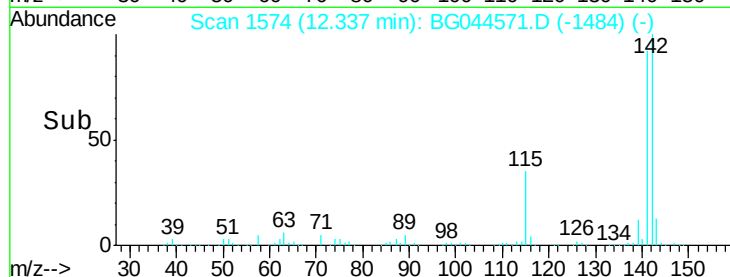
#37
2-Methylnaphthalene
Concen: 87.947 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.3	106.9
115	34.5	26.2	39.2

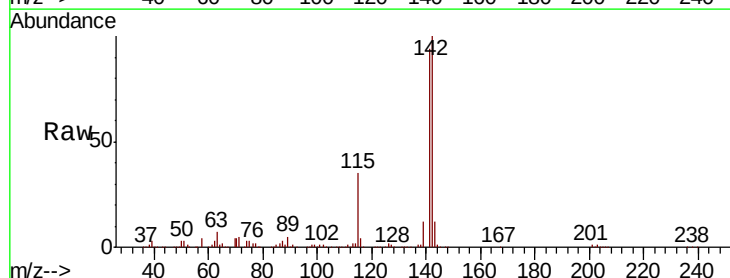


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

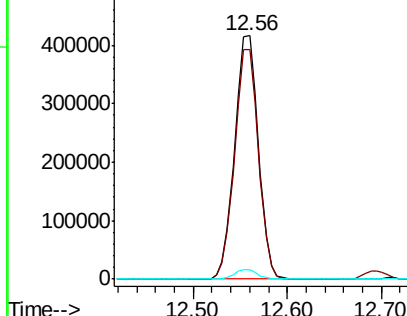
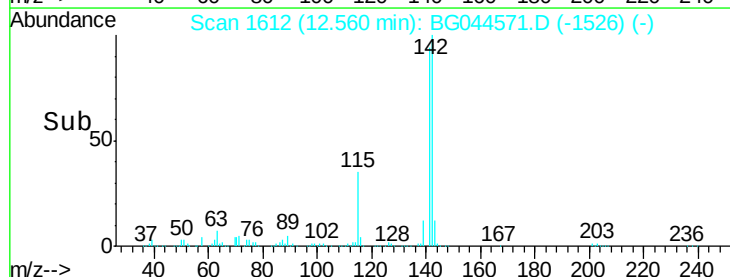


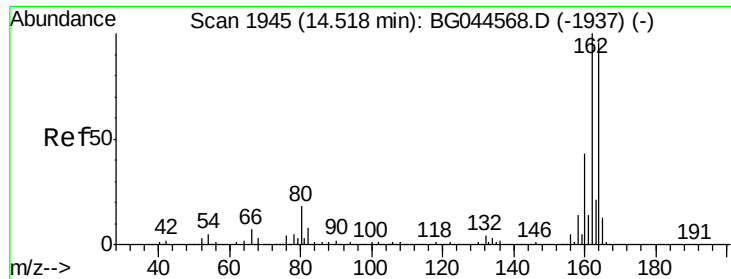
#38
1-Methylnaphthalene
Concen: 87.669 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.1	112.7
116	3.9	2.6	4.0



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

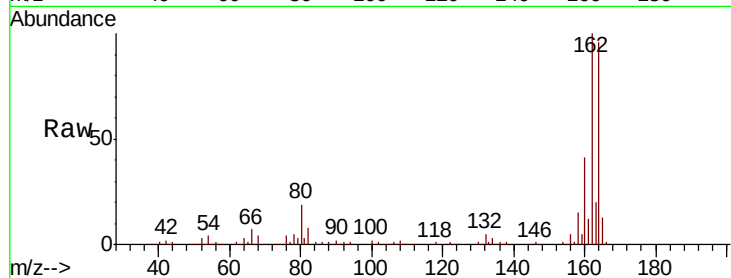




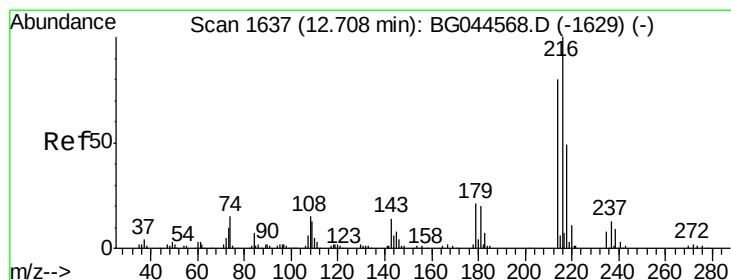
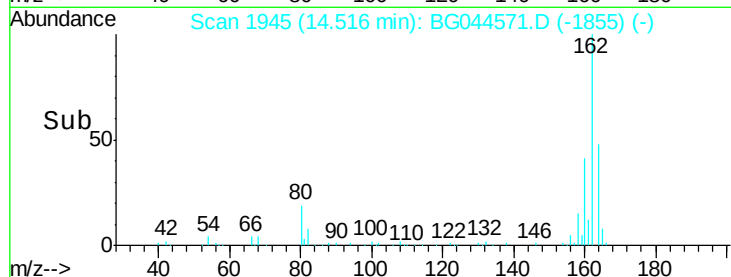
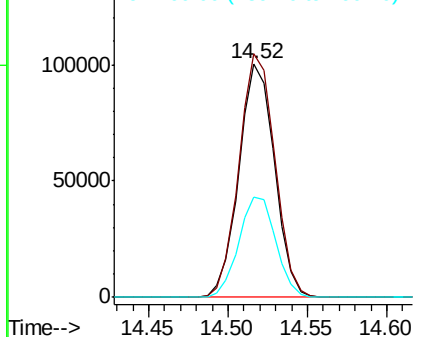
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.6	125.4
160	42.9	36.2	54.4



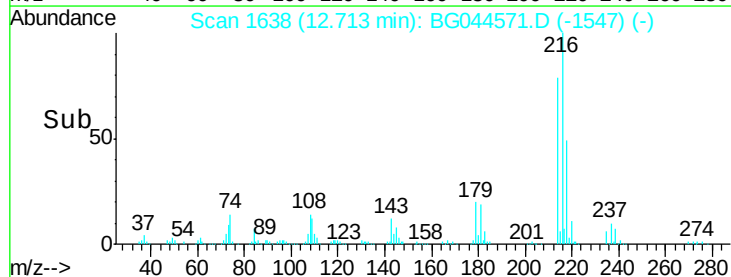
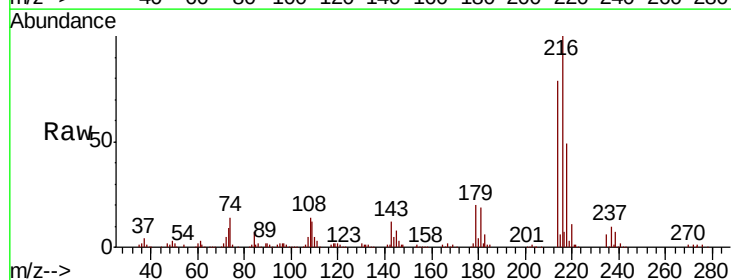
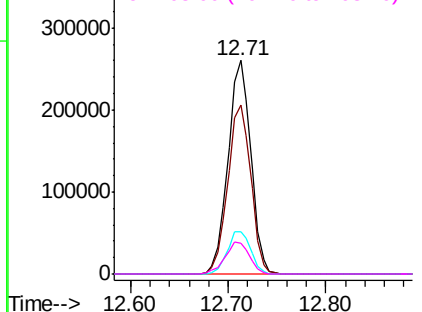
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

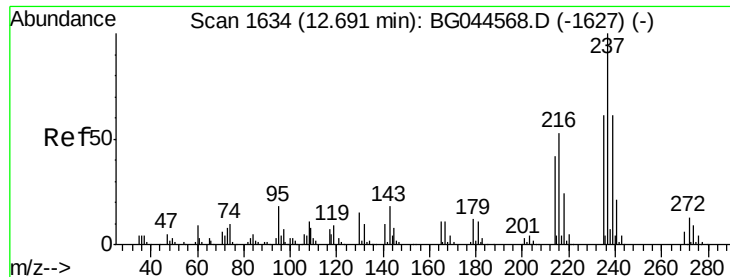


#40
1,2,4,5-Tetrachlorobenzene
Concen: 89.932 ng
RT: 12.71 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.3	94.9
179	20.7	16.2	24.2
108	15.9	12.6	18.8

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: 90.678 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

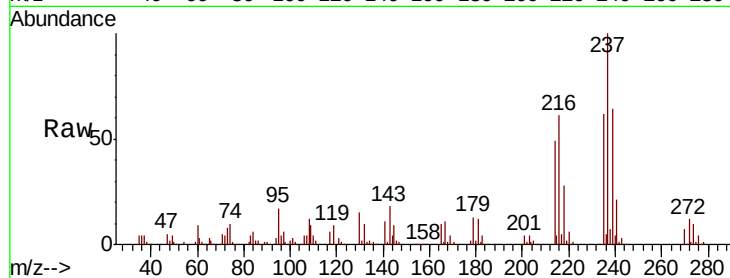
Tot Ion:237 Resp: 203463

Ion Ratio Lower Upper

237 100

235 61.5 40.7 80.7

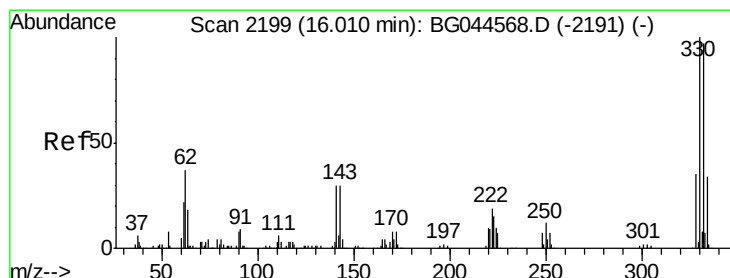
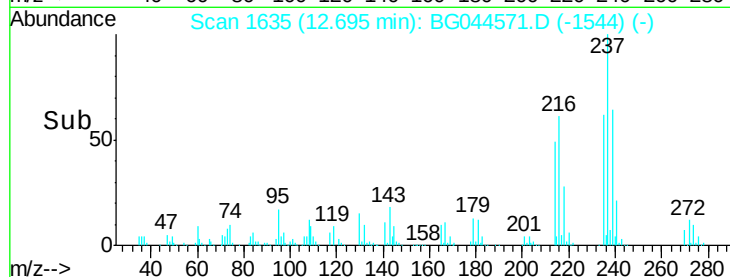
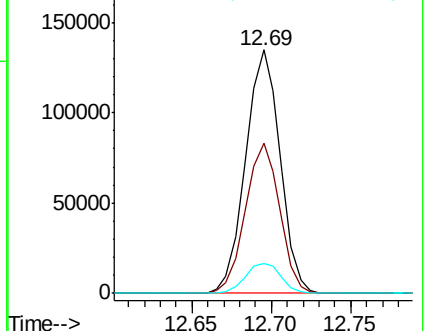
272 12.4 0.0 32.7



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: 198.370 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

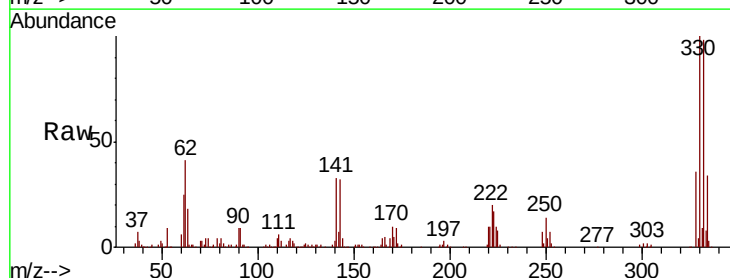
Tgt Ion:330 Resp: 364046

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

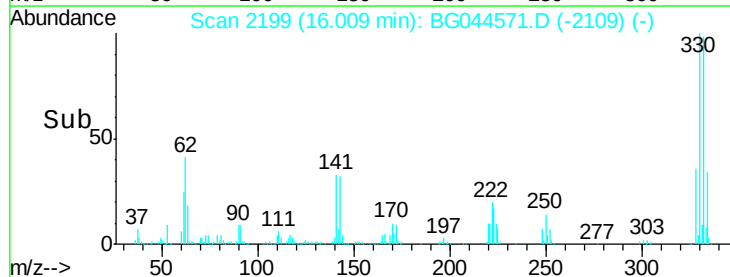
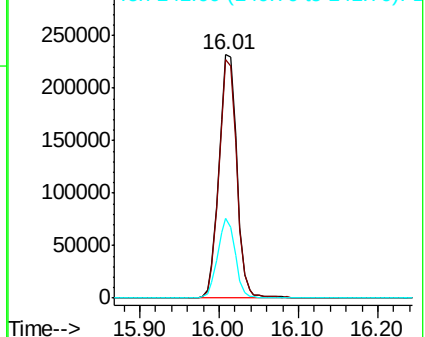
141 31.9 26.1 39.1

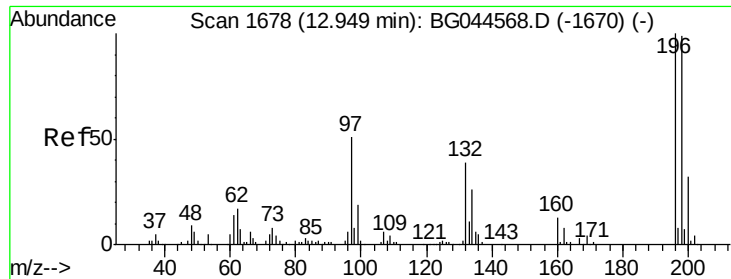


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

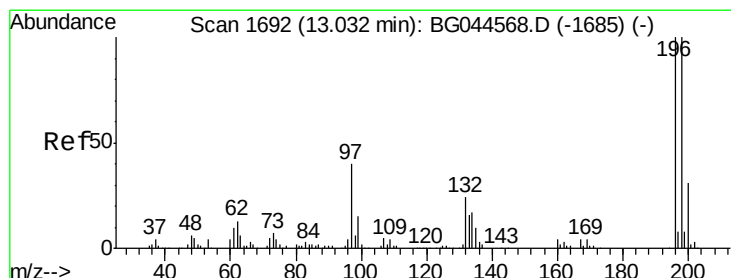
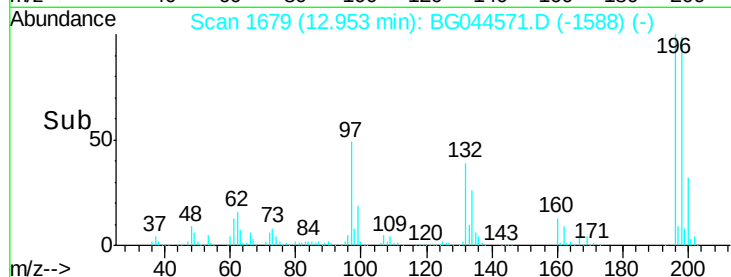
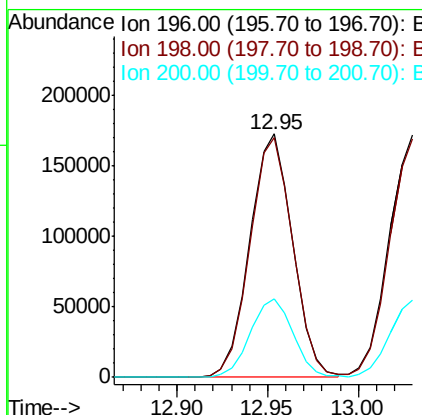
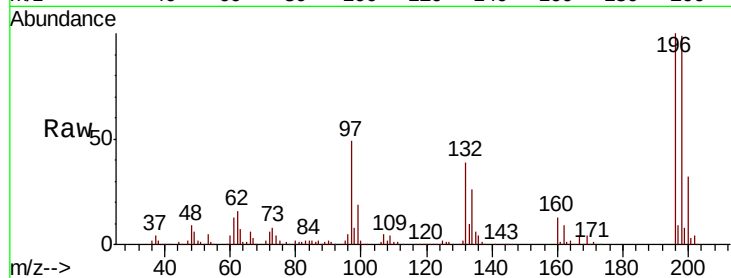




#43
 2,4,6-Trichlorophenol
 Concen: 93.549 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

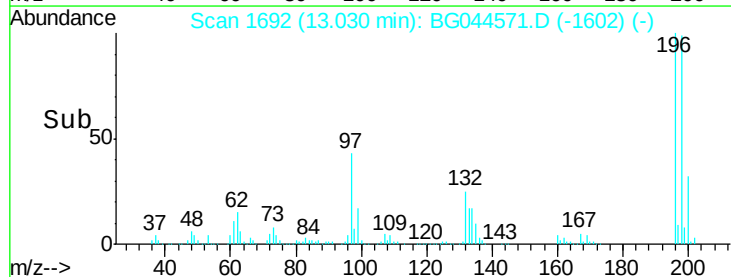
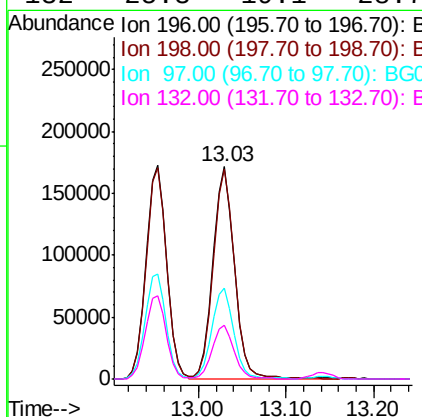
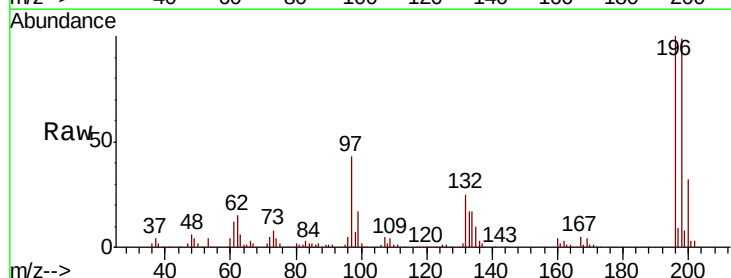
Instrument :
 BNA_G
 ClientSampleId :

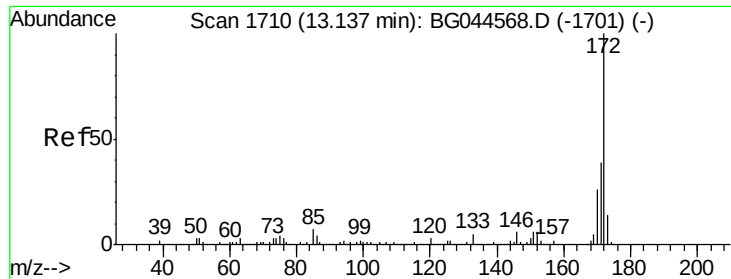
Tot Ion:196 Resp: 282763
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.2 118.8
 200 32.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 94.904 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:196 Resp: 292997
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.3 118.9
 97 43.1 32.3 48.5
 132 25.3 19.1 28.7

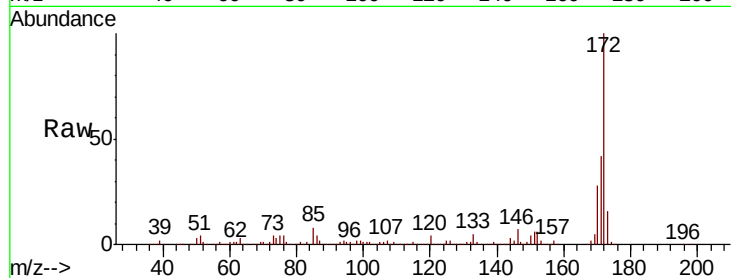




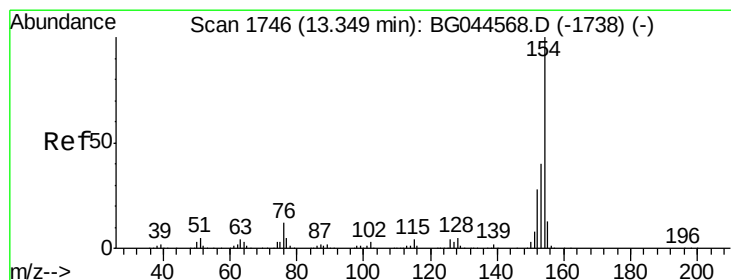
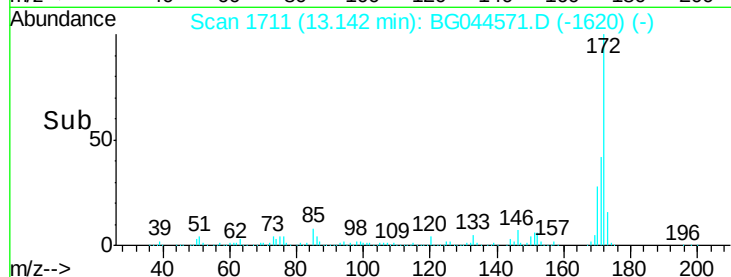
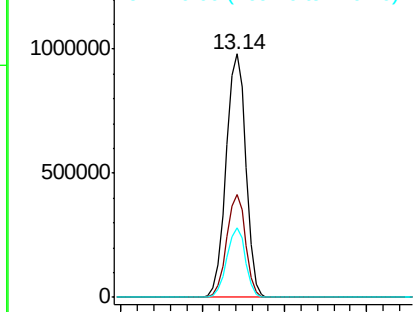
#45
2-Fluorobiphenyl
Concen: 175.725 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1640468
Ion Ratio Lower Upper
172 100
171 42.2 31.3 46.9
170 28.3 21.0 31.4

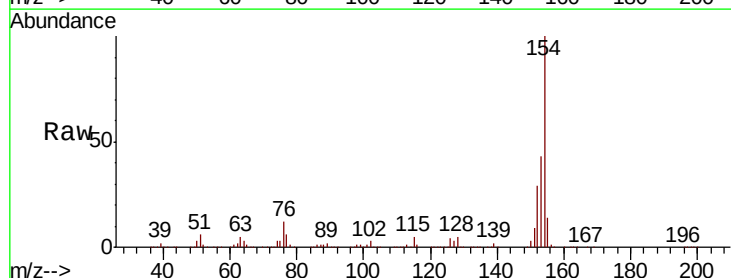


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

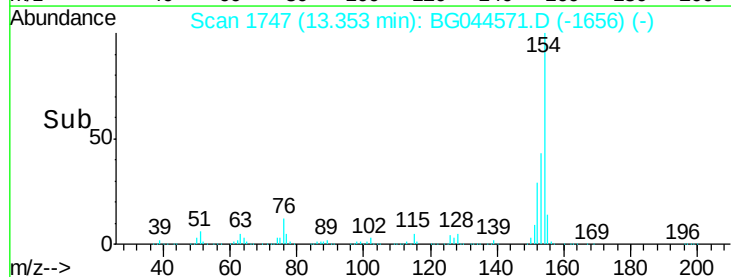
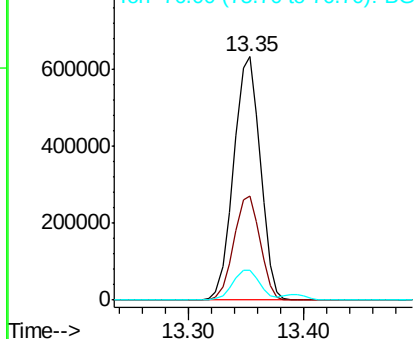


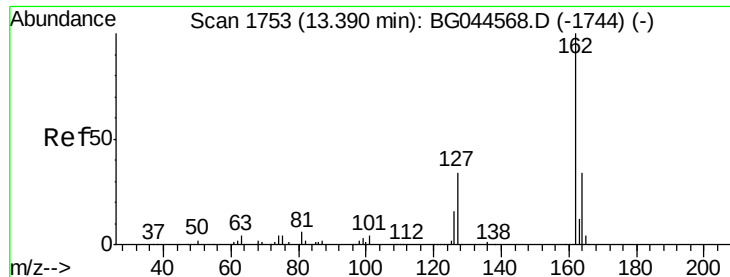
#46
1,1'-Biphenyl
Concen: 89.517 ng
RT: 13.35 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:154 Resp: 1009395
Ion Ratio Lower Upper
154 100
153 42.8 20.2 60.2
76 12.4 0.0 31.8



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: 88.535 ng

RT: 13.39 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

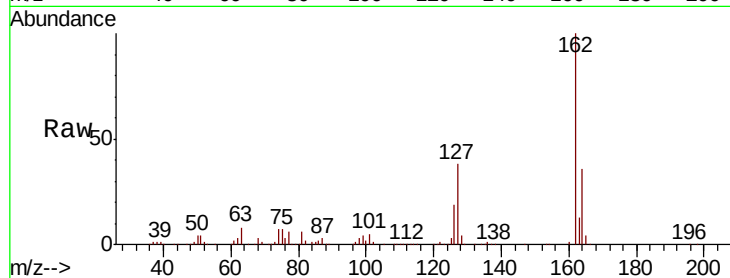
Tot Ion:162 Resp: 794421

Ion Ratio Lower Upper

162 100

127 37.8 28.7 43.1

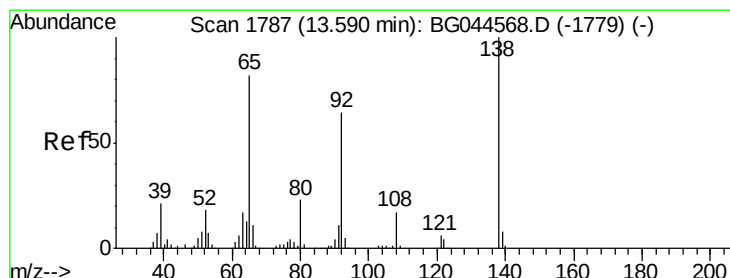
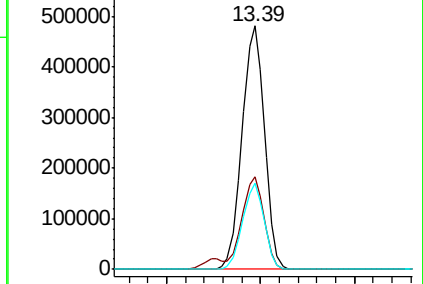
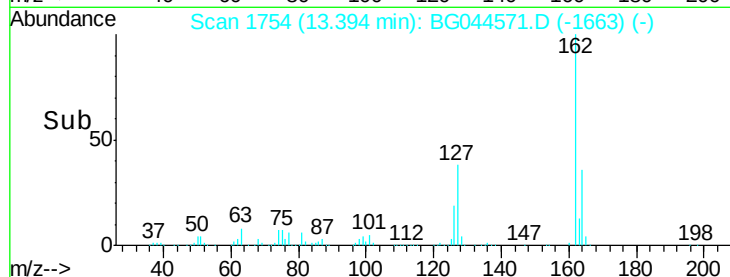
164 35.6 27.3 40.9



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: 87.642 ng

RT: 13.59 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

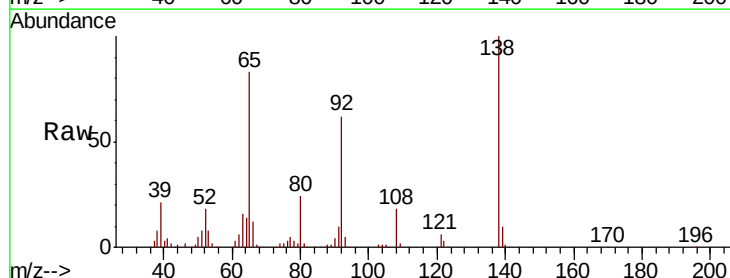
Tgt Ion: 65 Resp: 232084

Ion Ratio Lower Upper

65 100

92 74.8 62.2 93.2

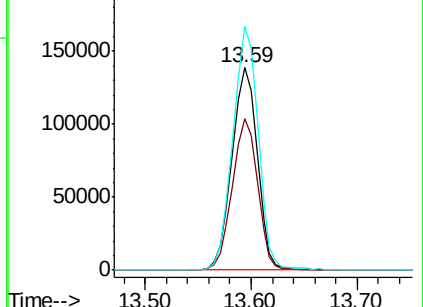
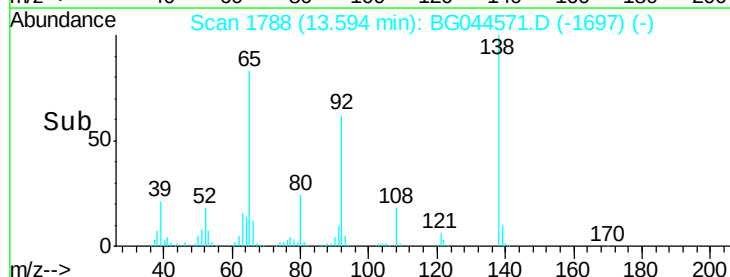
138 120.5 97.6 146.4

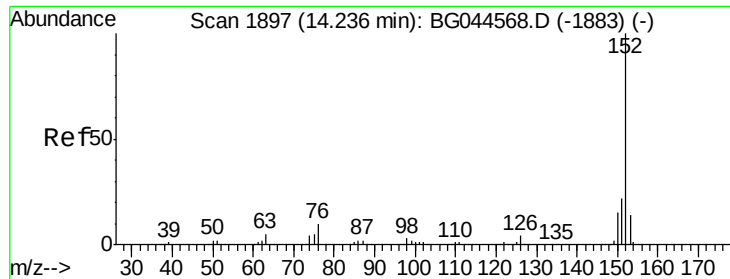


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 88.153 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

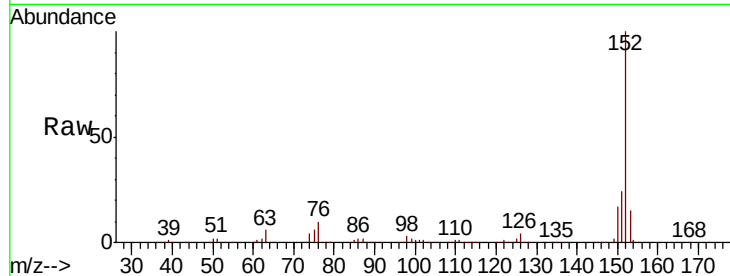
Tot Ion:152 Resp: 1160165

Ion Ratio Lower Upper

152 100

151 23.6 17.7 26.5

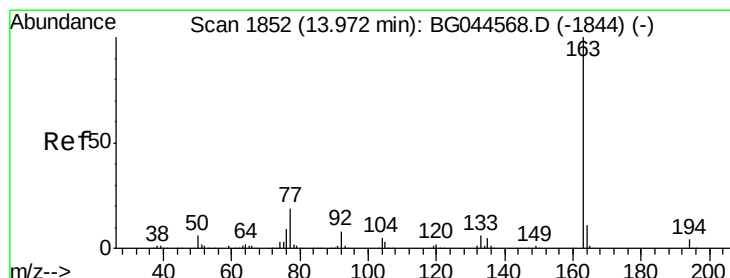
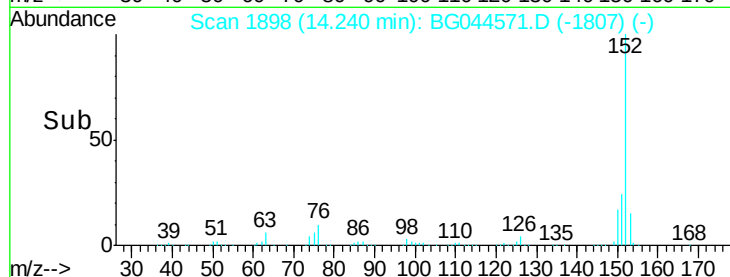
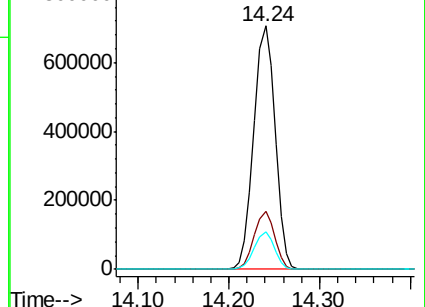
153 15.2 11.3 16.9



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: 86.808 ng

RT: 13.98 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

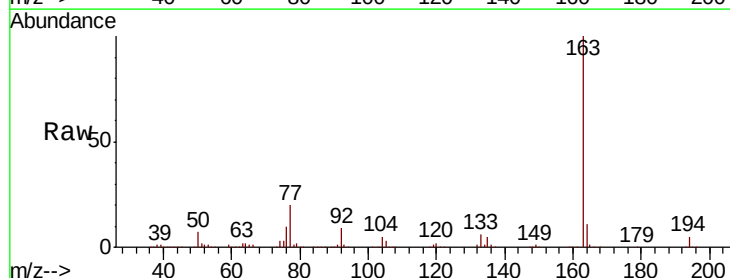
Tgt Ion:163 Resp: 975482

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

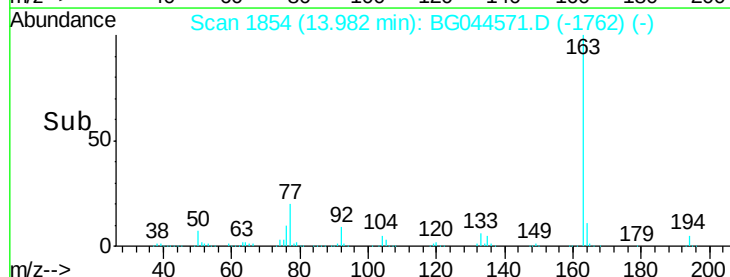
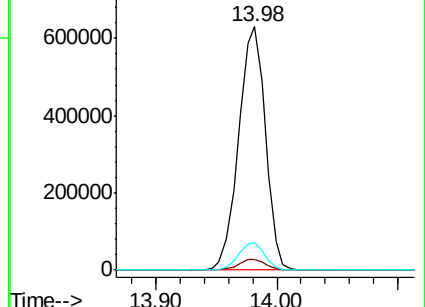
164 11.5 8.7 13.1

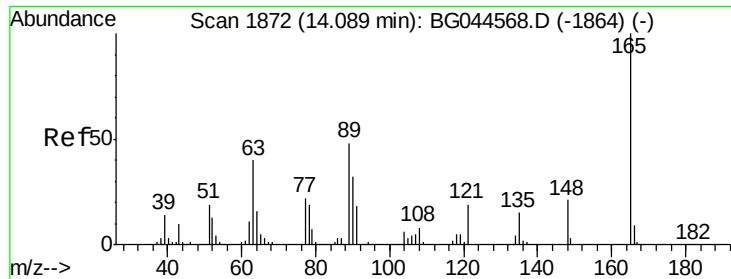


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

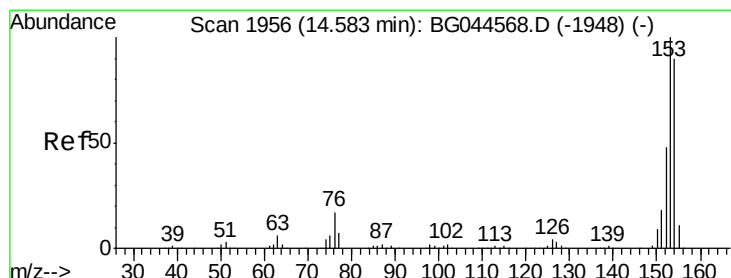
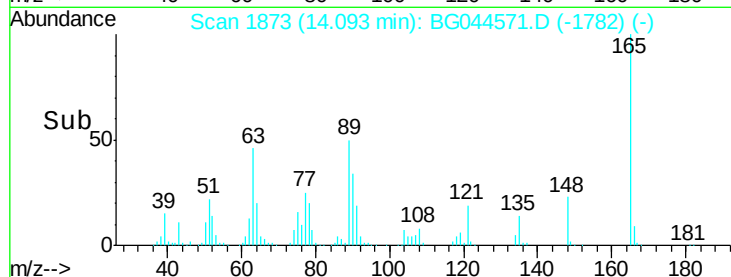
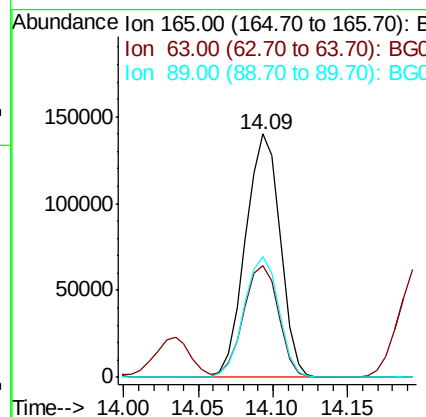
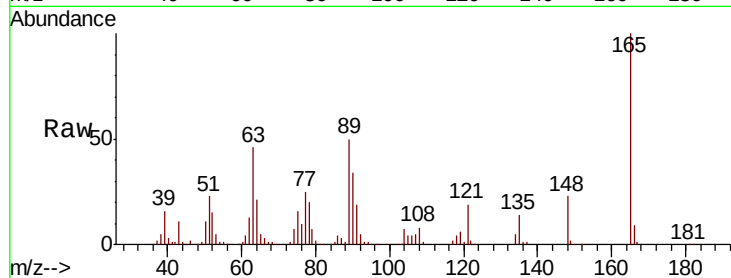




#51
 2,6-Dinitrotoluene
 Concen: 89.959 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

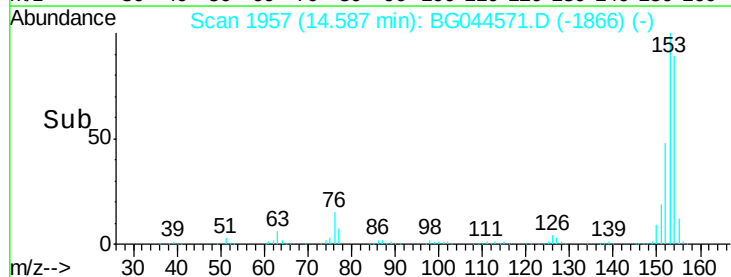
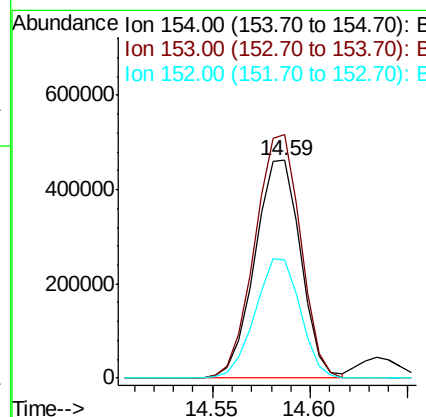
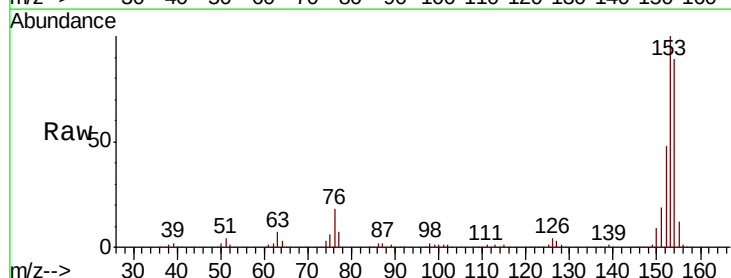
Instrument :
 BNA_G
 ClientSampled :

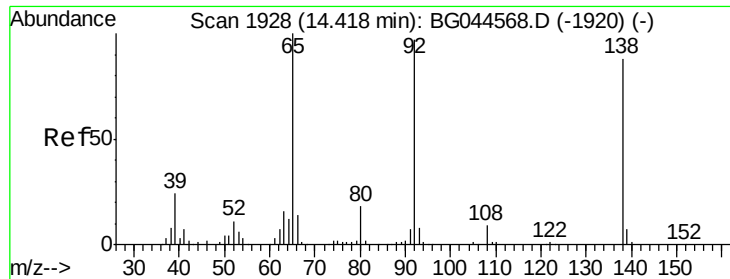
Tot Ion:165 Resp: 225395
 Ion Ratio Lower Upper
 165 100
 63 46.2 35.8 53.6
 89 49.7 38.7 58.1



#52
 Acenaphthene
 Concen: 88.399 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:154 Resp: 754089
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.4 134.0
 152 54.1 43.0 64.4

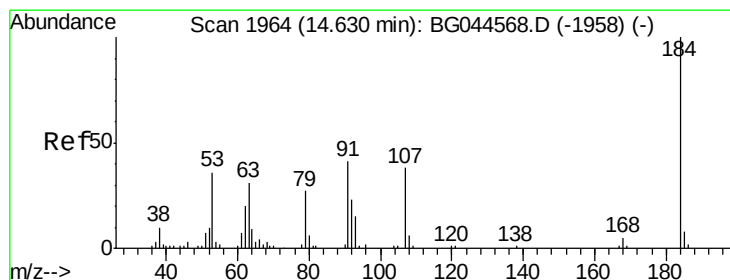
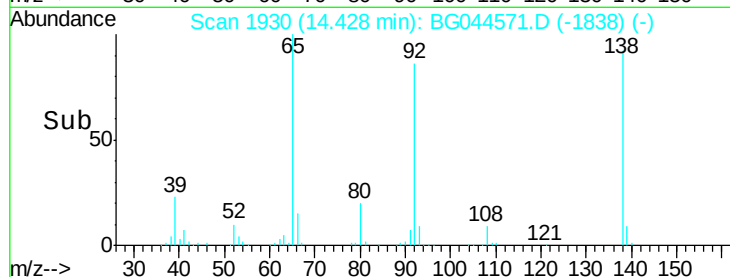
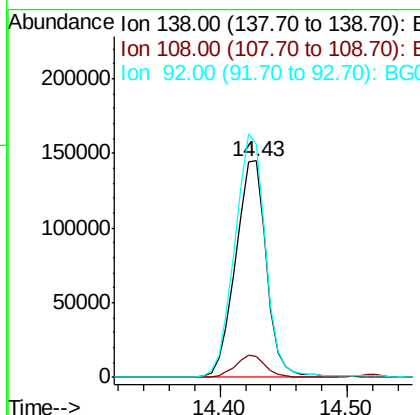
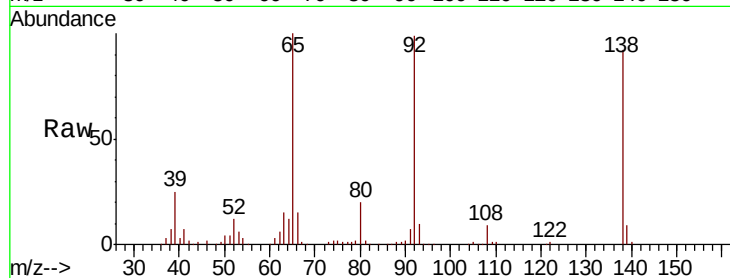




#53
3-Nitroaniline
Concen: 88.386 ng
RT: 14.43 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

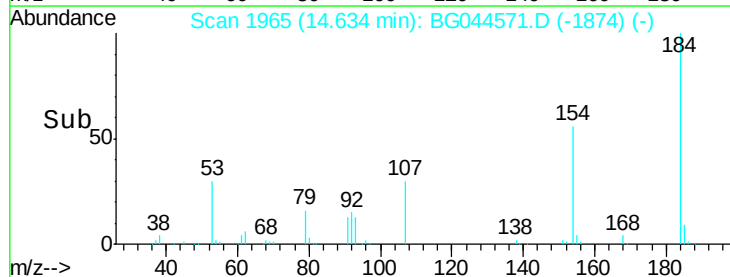
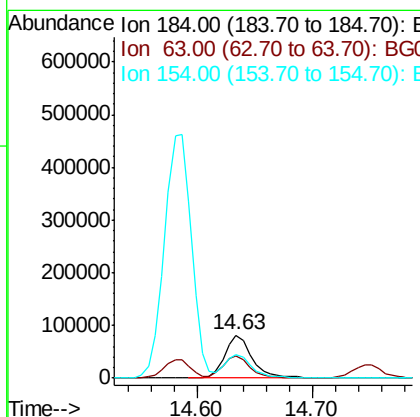
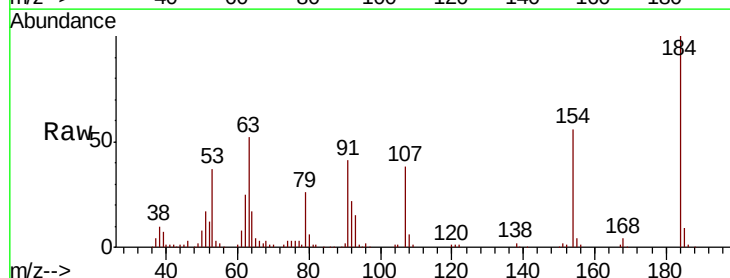
Instrument :
BNA_G
ClientSampled :

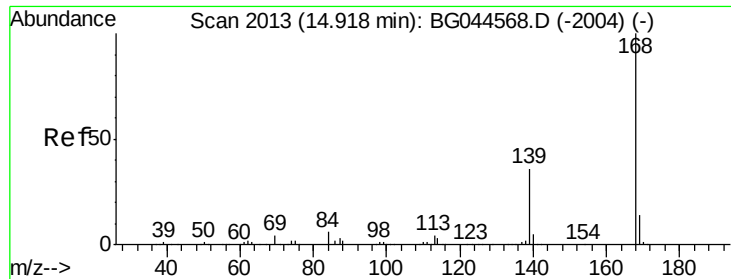
Tot Ion:138 Resp: 245005
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 108.2 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 108.610 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:184 Resp: 135098
Ion Ratio Lower Upper
184 100
63 52.1 42.1 63.1
154 56.3 43.4 65.2

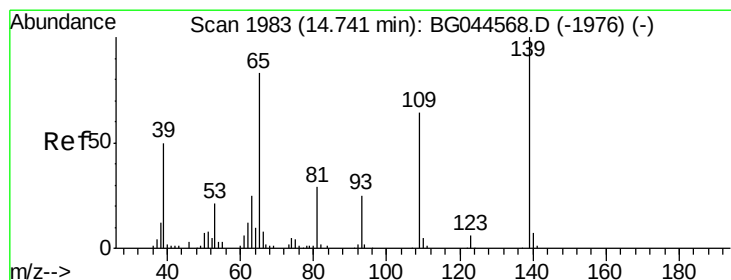
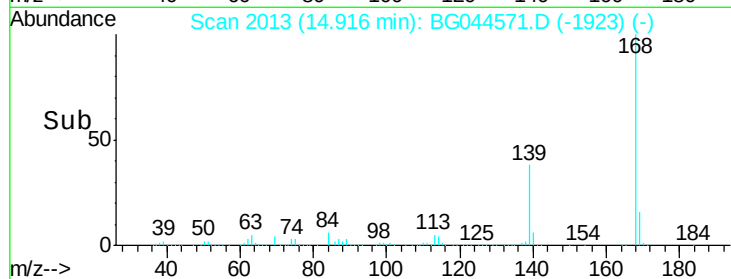
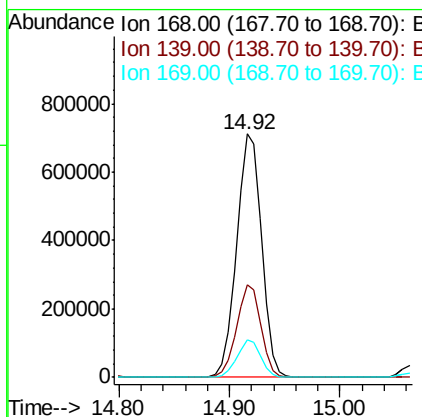
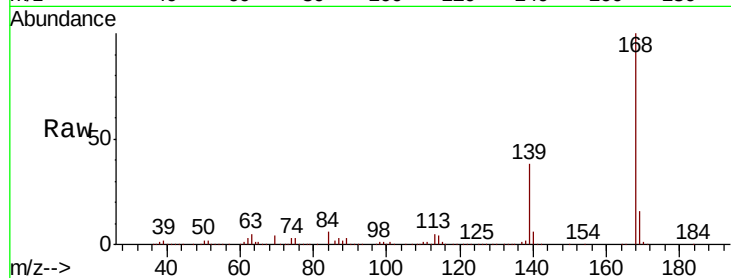




#55
Dibenzofuran
Concen: 87.189 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

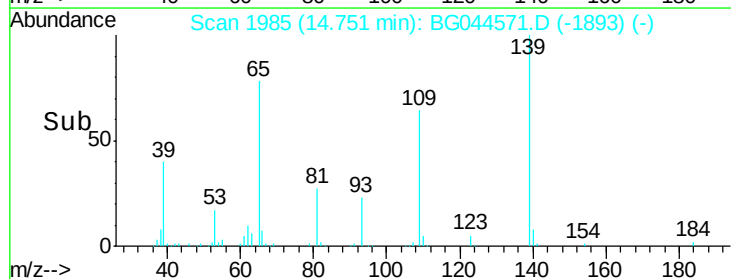
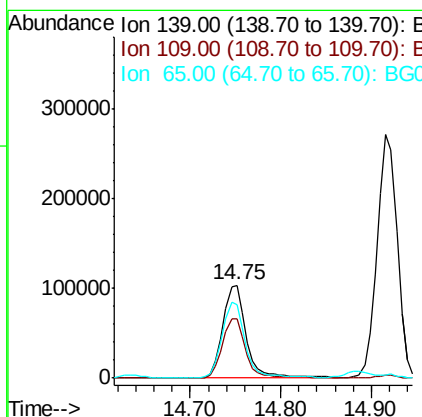
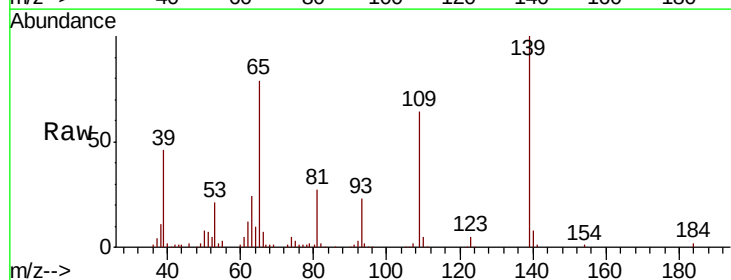
Instrument :
BNA_G
ClientSampleId :

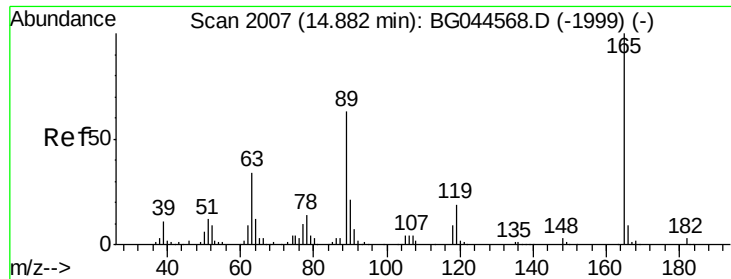
Tot Ion:168 Resp: 1126098
Ion Ratio Lower Upper
168 100
139 38.2 29.2 43.8
169 15.7 11.0 16.6



#56
4-Nitrophenol
Concen: 92.107 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:139 Resp: 187022
Ion Ratio Lower Upper
139 100
109 63.6 43.8 83.8
65 79.1 63.6 103.6

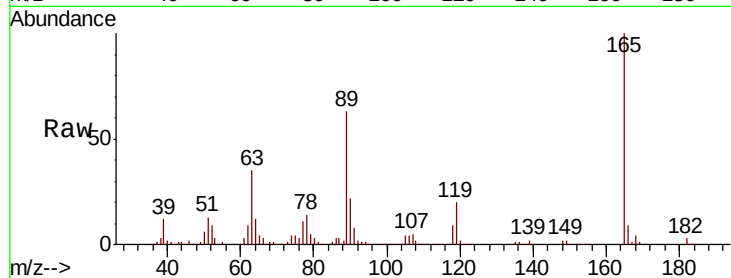




#57
2,4-Dinitrotoluene
Concen: 90.384 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	27.5	41.3
89	62.9	50.0	75.0
182	2.8	2.3	3.5



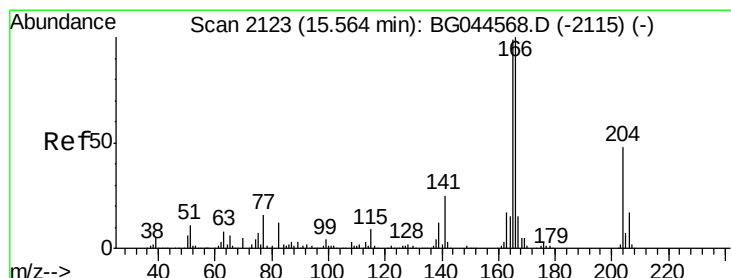
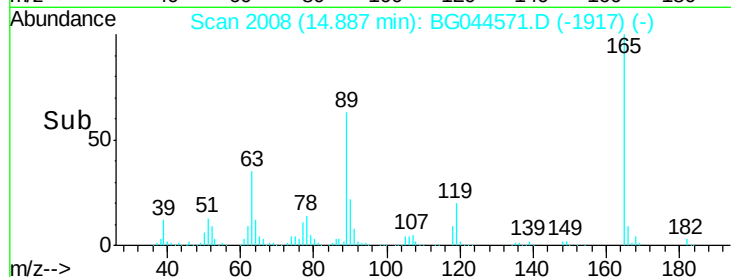
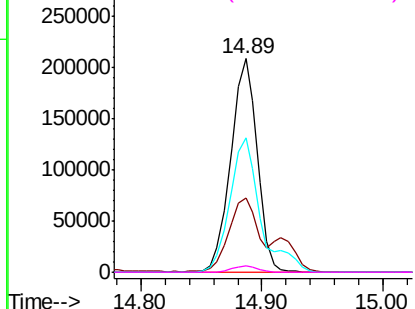
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

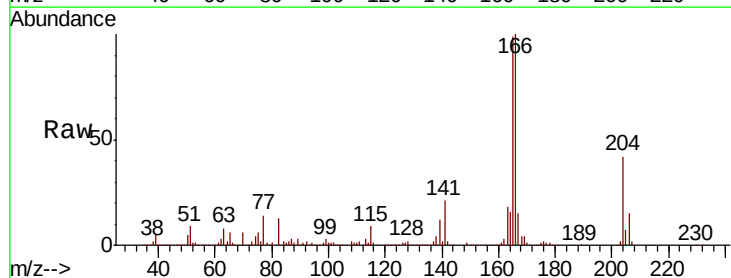
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 88.145 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.2	118.8
167	14.9	11.7	17.5

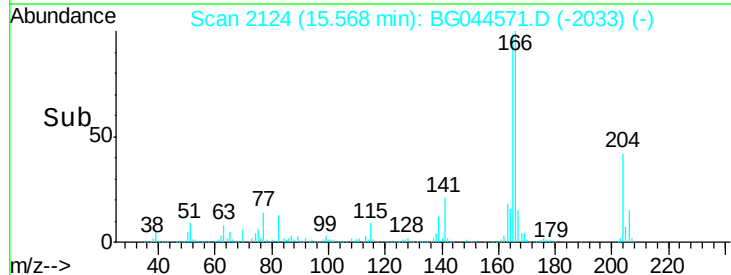
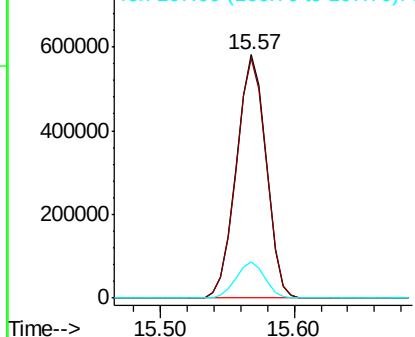


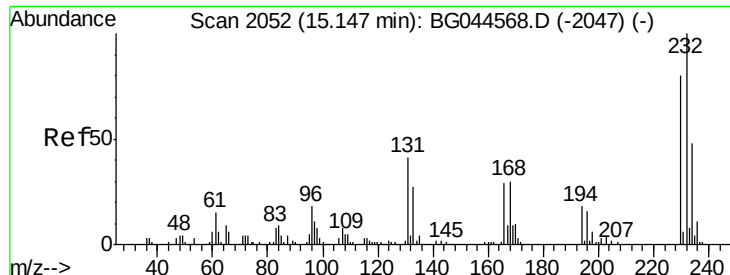
Abundance

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

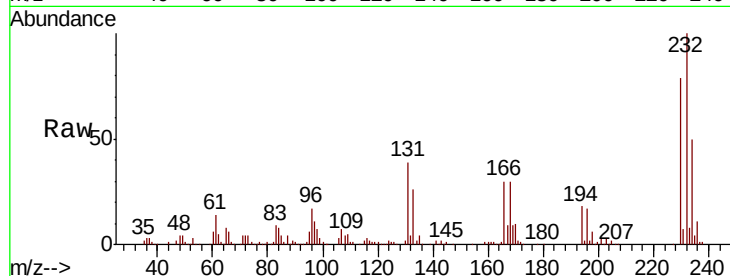




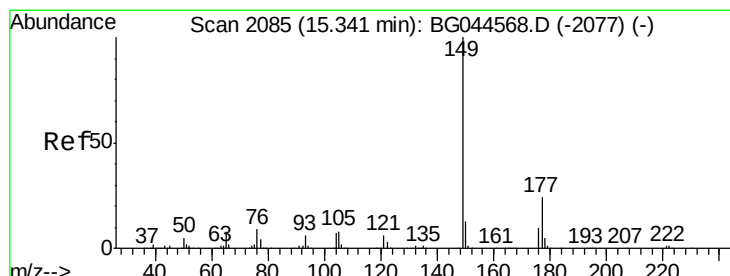
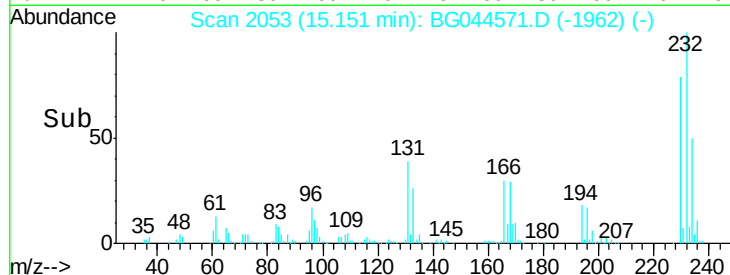
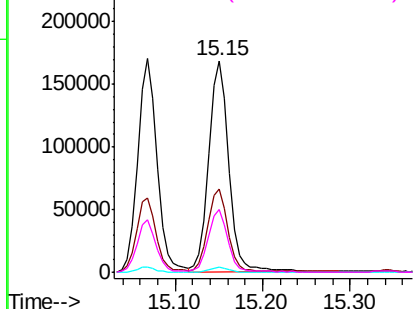
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 96.346 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	268675
Ion	Ratio	Lower	Upper
232	100		
131	38.9	31.8	47.6
130	2.2	1.8	2.6
166	28.5	22.7	34.1

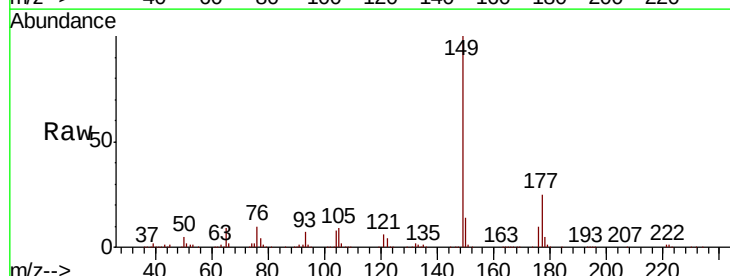


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

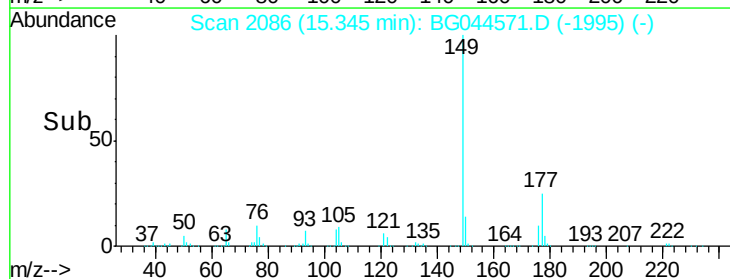
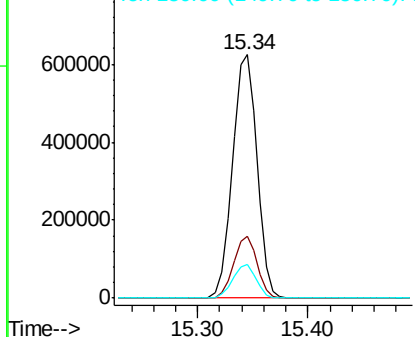


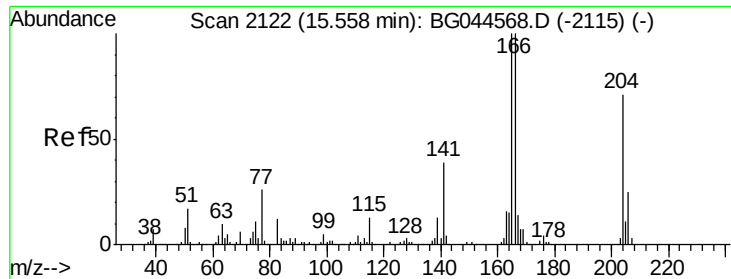
#60
 Diethylphthalate
 Concen: 86.815 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:	149	Resp:	972076
Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.2	28.8
150	13.6	10.2	15.4



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

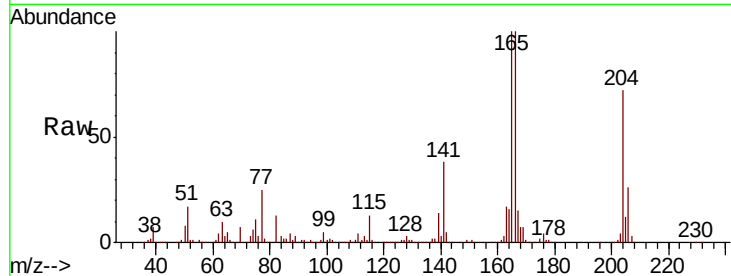




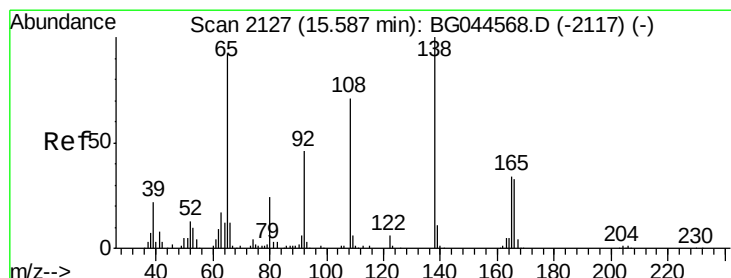
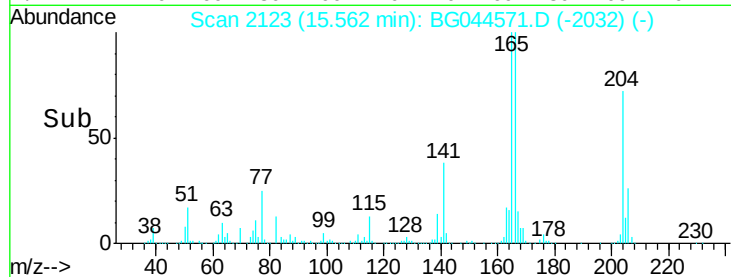
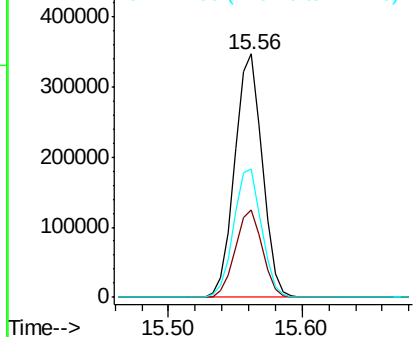
#61
 4-Chlorophenyl-phenylether
 Concen: 89.933 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 496044
 Ion Ratio Lower Upper
 204 100
 206 36.2 27.8 41.8
 141 52.5 43.8 65.8

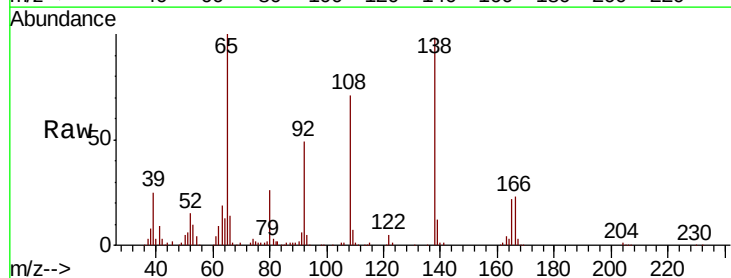


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

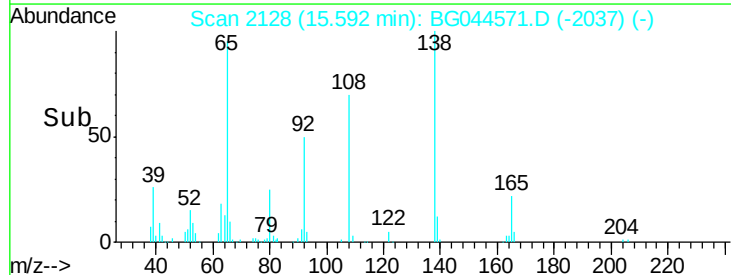
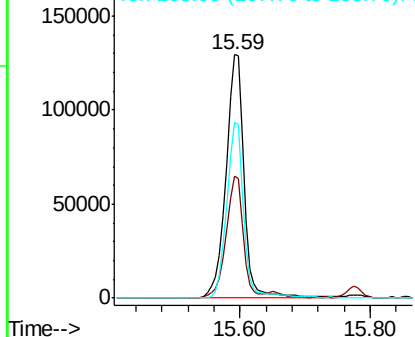


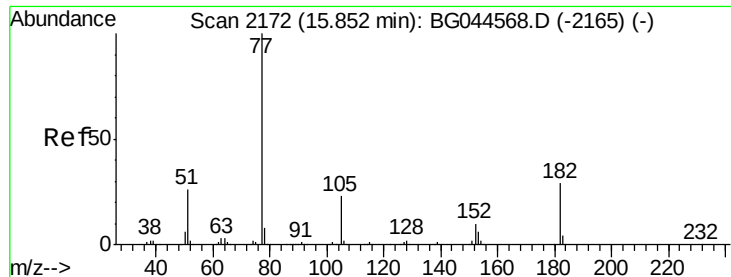
#62
 4-Nitroaniline
 Concen: 90.556 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:138 Resp: 250828
 Ion Ratio Lower Upper
 138 100
 92 50.0 26.4 66.4
 108 72.4 50.5 90.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 84.409 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

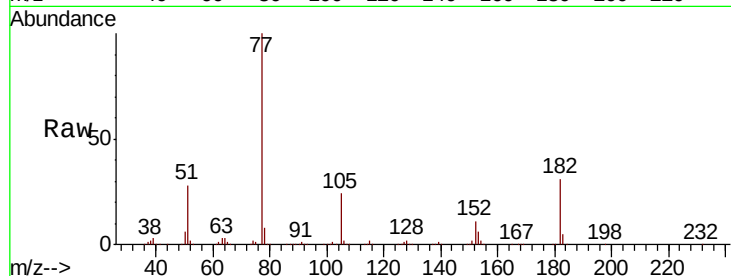
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 828348

Ion	Ratio	Lower	Upper
77	100		
182	31.2	9.4	49.4
105	24.3	3.4	43.4
51	28.2	6.4	46.4

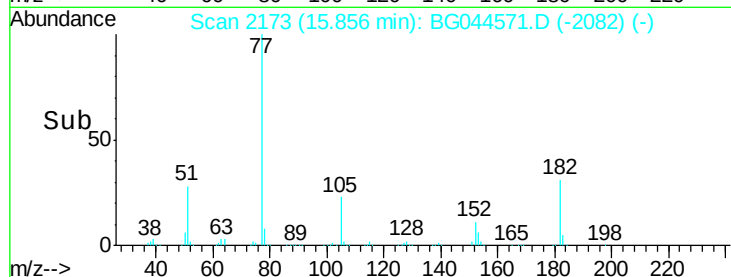


Abundance Ion 77.00 (76.70 to 77.70): BGC

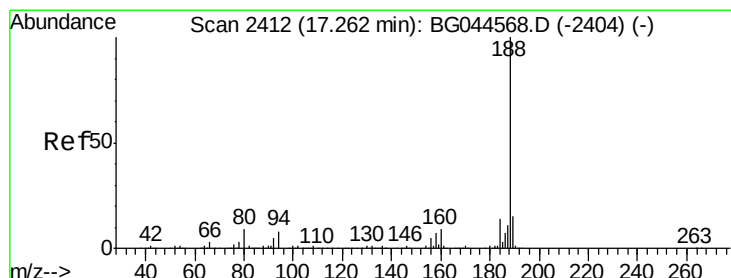
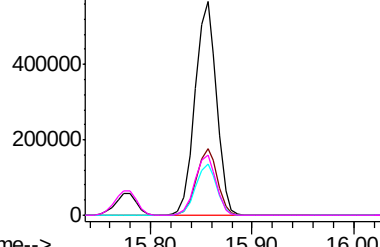
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

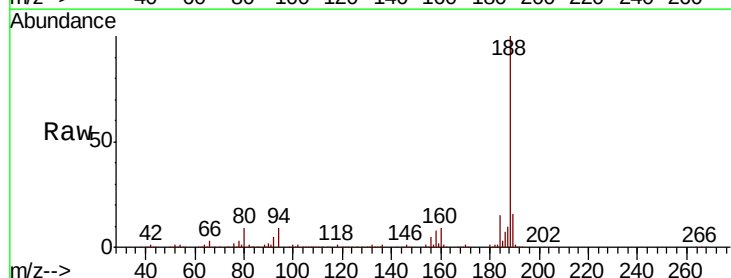
Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Tgt Ion: 188 Resp: 341409

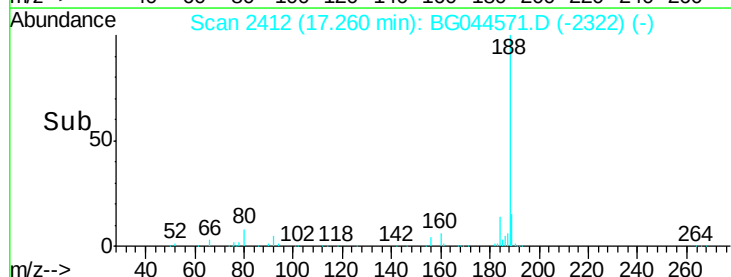
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.2	7.6	11.4



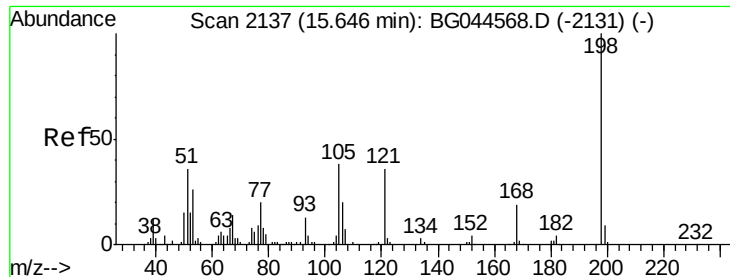
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



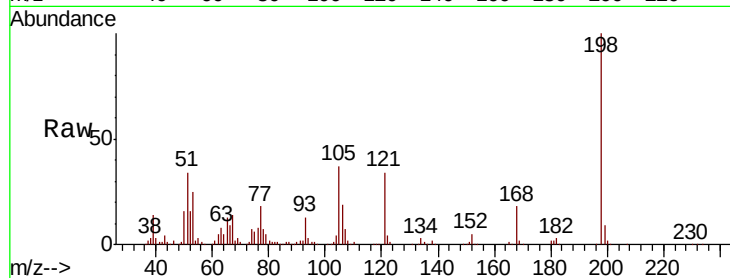
Time-->



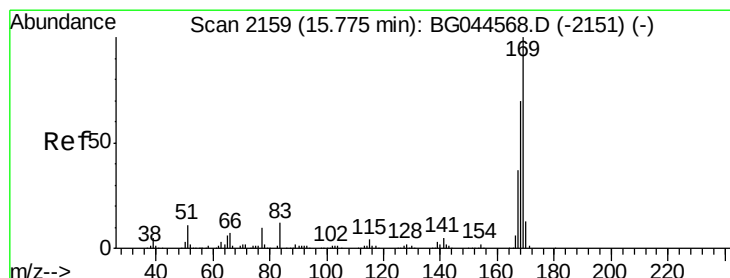
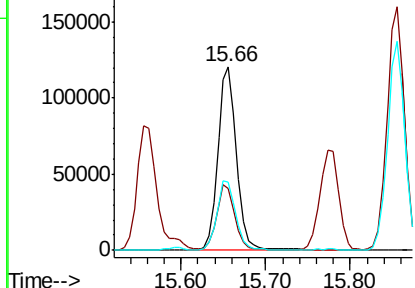
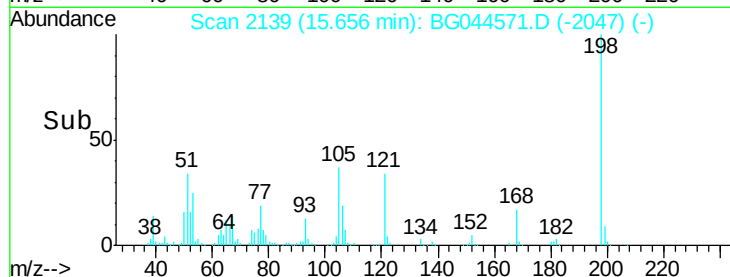
#65
4,6-Dinitro-2-methylphenol
Concen: 98.820 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 186234
Ion Ratio Lower Upper
198 100
51 33.5 17.0 57.0
105 37.3 18.4 58.4

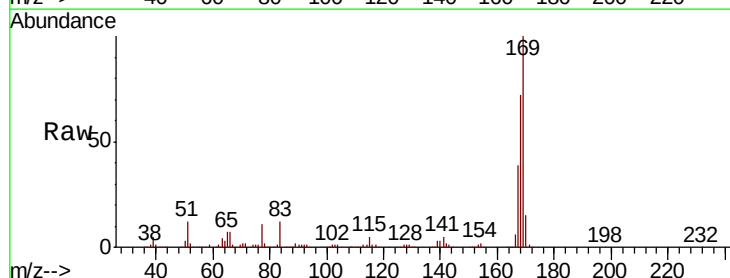


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

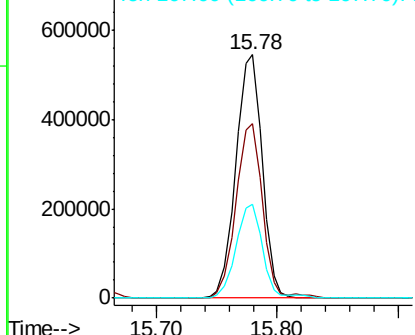
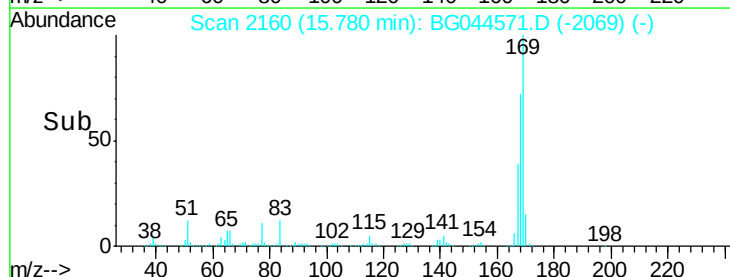


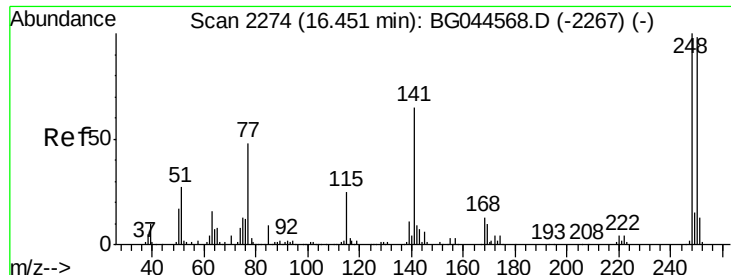
#66
n-Nitrosodiphenylamine
Concen: 86.825 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:169 Resp: 830722
Ion Ratio Lower Upper
169 100
168 71.6 56.1 84.1
167 38.6 29.4 44.0



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

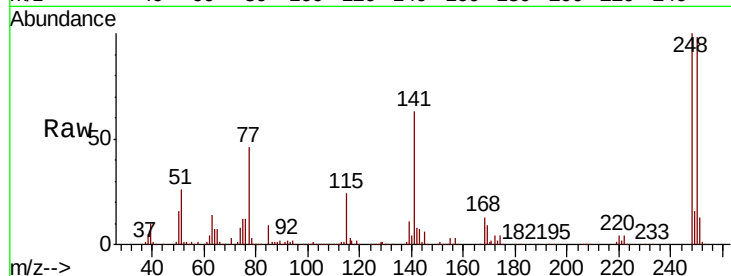




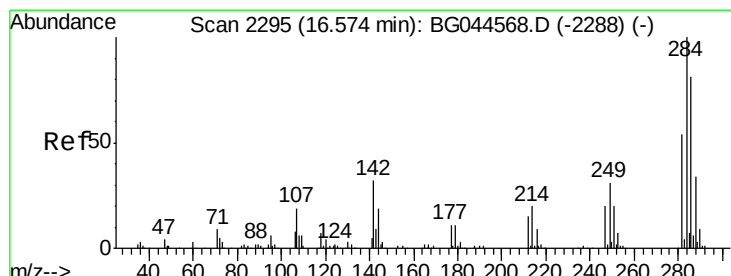
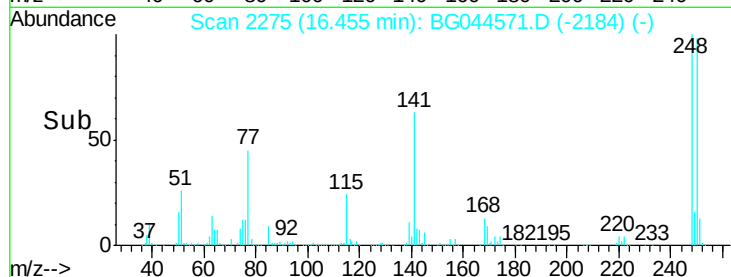
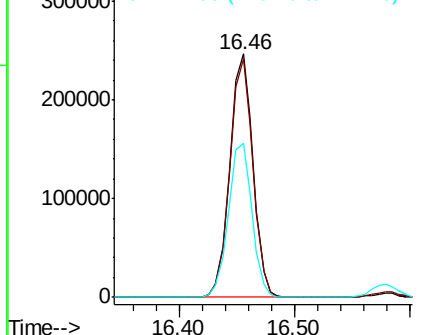
#67
 4-Bromophenyl-phenylether
 Concen: 91.702 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 341097
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.7 118.1
 141 63.4 52.3 78.5

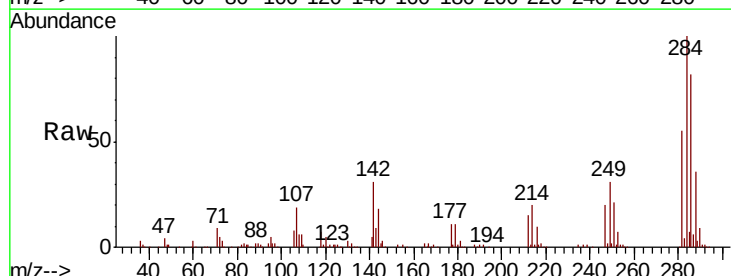


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

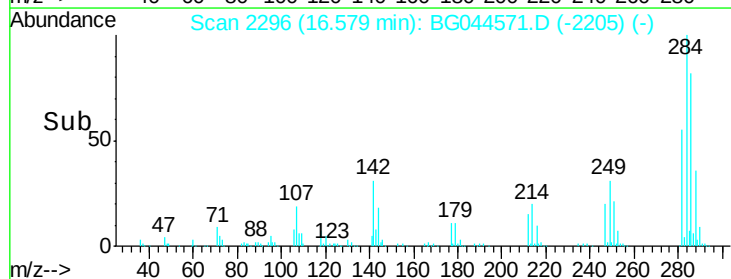
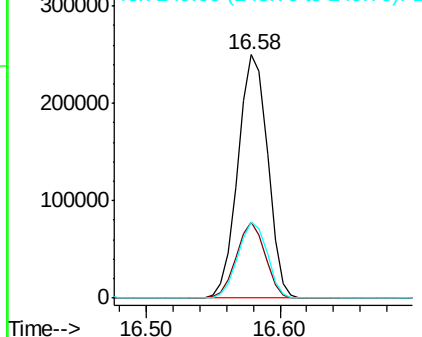


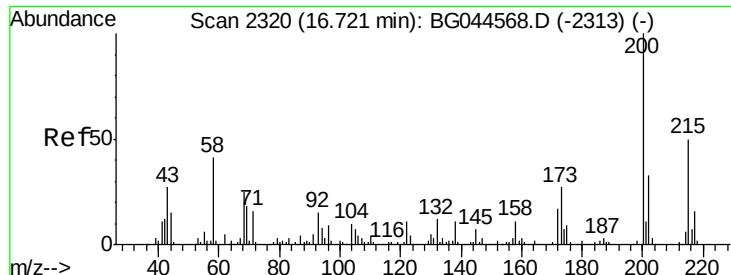
#68
 Hexachlorobenzene
 Concen: 92.239 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044571.D
 Acq: 24 Feb 2020 14:31

Tgt Ion:284 Resp: 384377
 Ion Ratio Lower Upper
 284 100
 142 31.0 25.6 38.4
 249 31.4 24.6 36.8



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





#69

Atrazine

Concen: 94.350 ng

RT: 16.73 min Scan# 2322

Delta R.T. 0.01 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

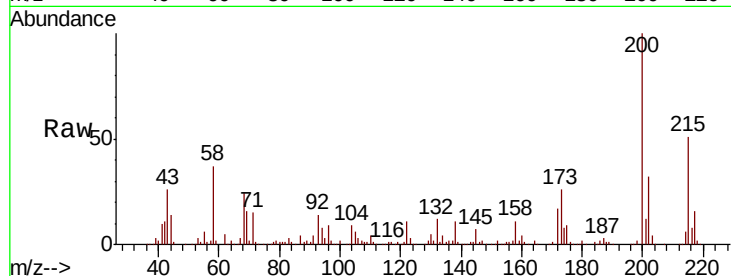
Tot Ion:200 Resp: 309410

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

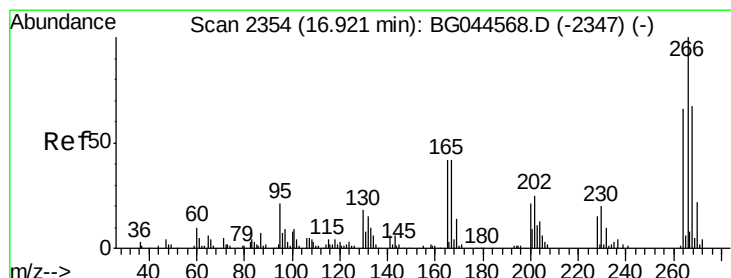
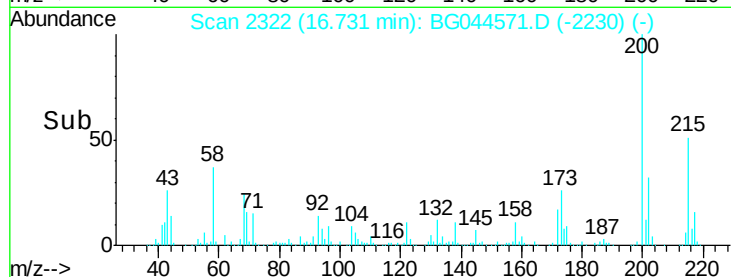
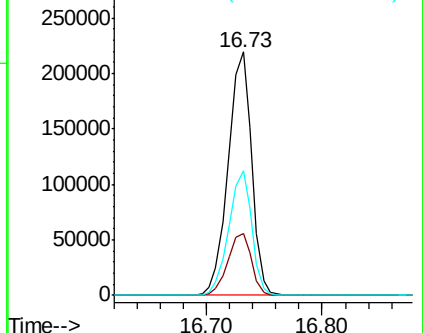
215 51.3 30.3 70.3



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: 97.350 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

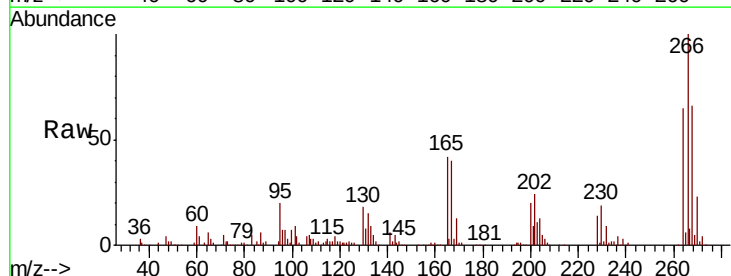
Tgt Ion:266 Resp: 187990

Ion Ratio Lower Upper

266 100

268 66.0 53.4 80.0

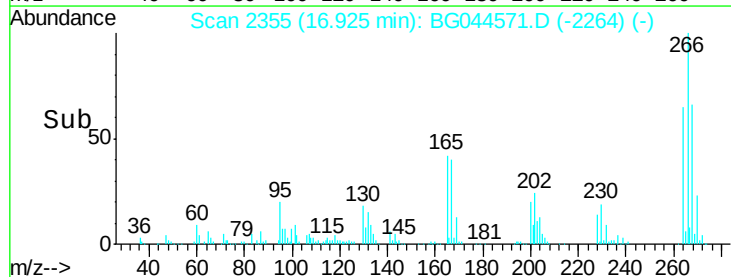
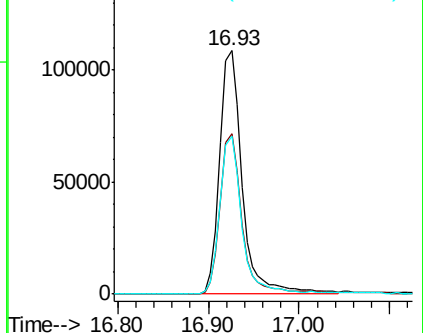
264 64.8 53.0 79.4

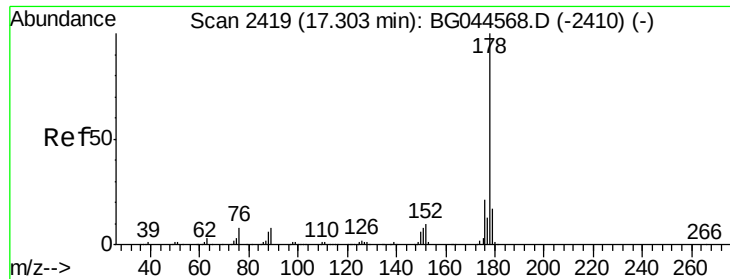


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

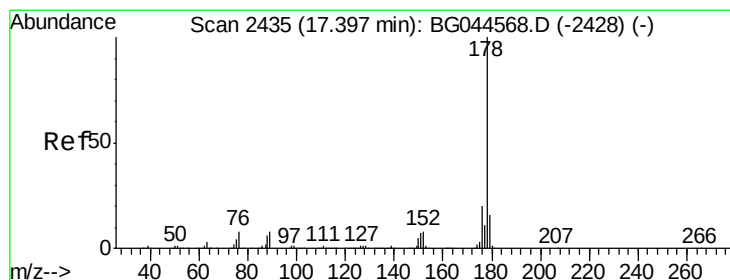
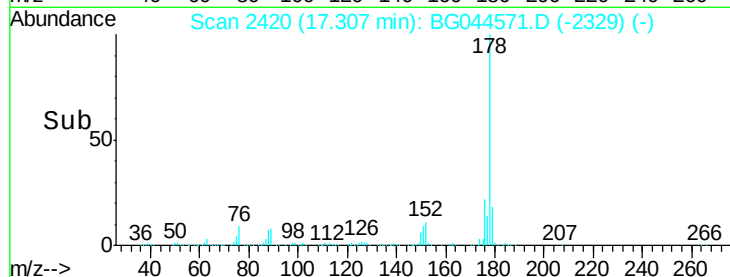
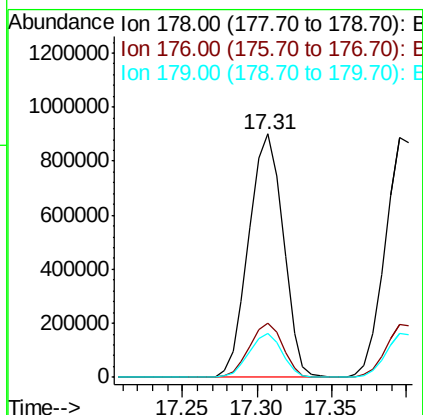
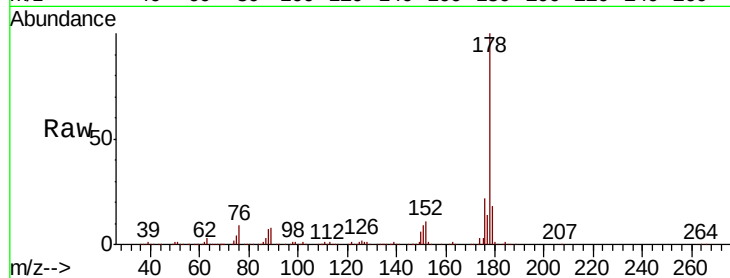




#71
Phenanthrene
Concen: 87.277 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

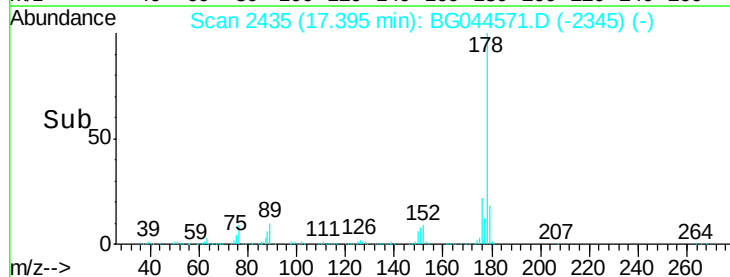
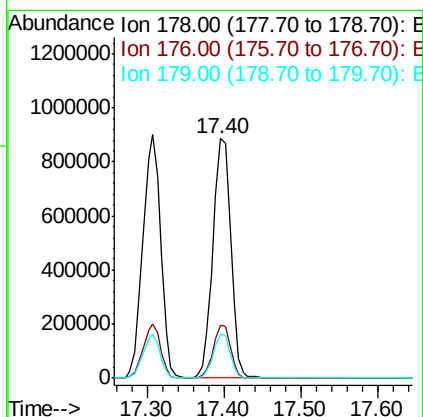
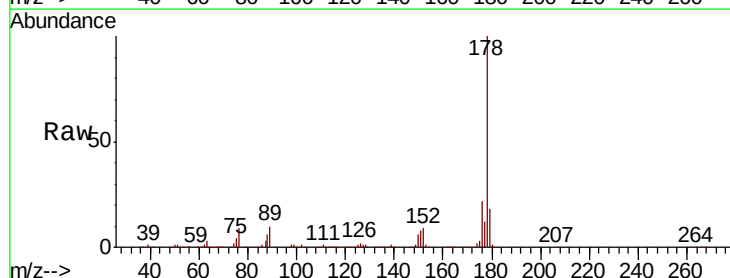
Instrument :
BNA_G
ClientSampleId :

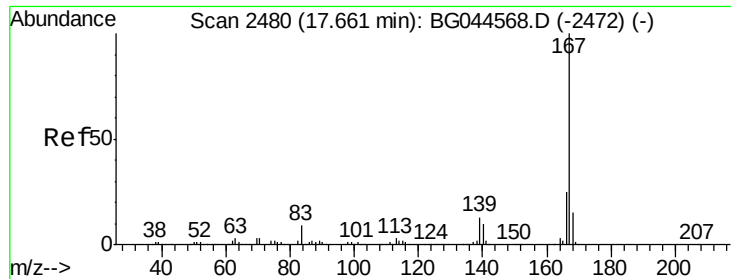
Tot Ion:178 Resp: 1442875
Ion Ratio Lower Upper
178 100
176 22.4 16.6 25.0
179 18.2 13.3 19.9



#72
Anthracene
Concen: 86.915 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:178 Resp: 1420608
Ion Ratio Lower Upper
178 100
176 22.0 15.9 23.9
179 18.2 13.1 19.7





#73

Carbazole

Concen: 87.731 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

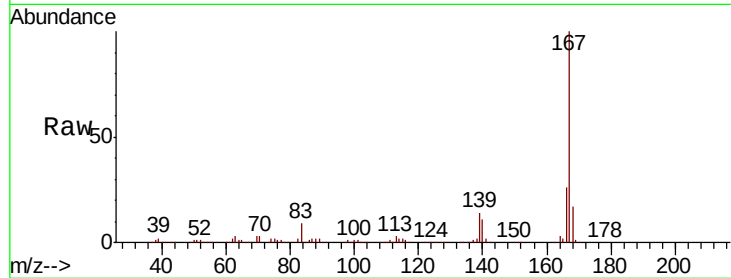
Tot Ion:167 Resp: 1321921

Ion	Ratio	Lower	Upper
167	100		
166	25.6	19.7	29.5
139	14.1	10.6	15.8

167 100

166 25.6 19.7 29.5

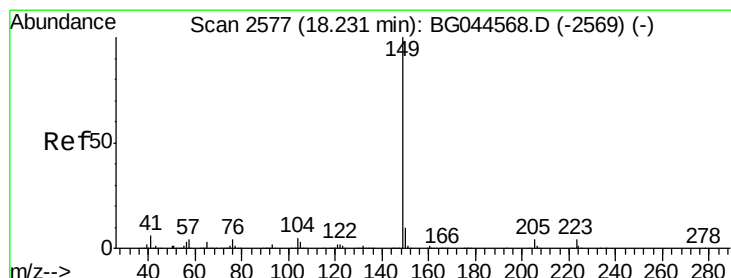
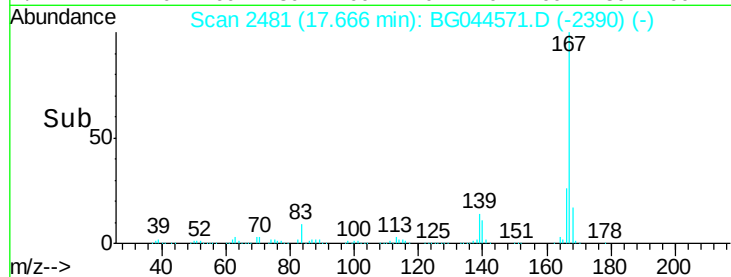
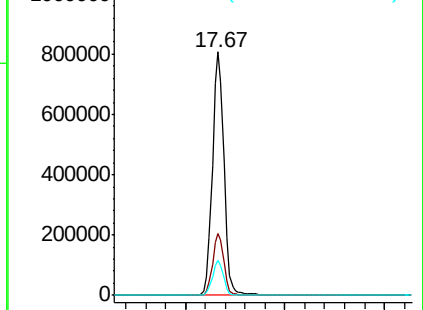
139 14.1 10.6 15.8



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: 86.398 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

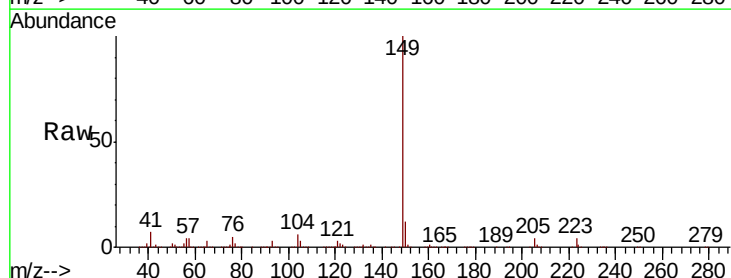
Tgt Ion:149 Resp: 1608755

Ion	Ratio	Lower	Upper
149	100		
150	11.7	7.8	11.8
104	5.7	4.0	6.0

149 100

150 11.7 7.8 11.8

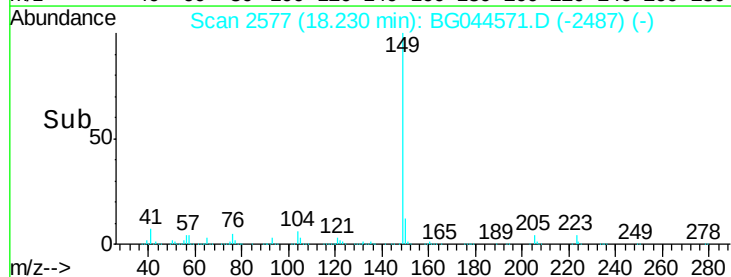
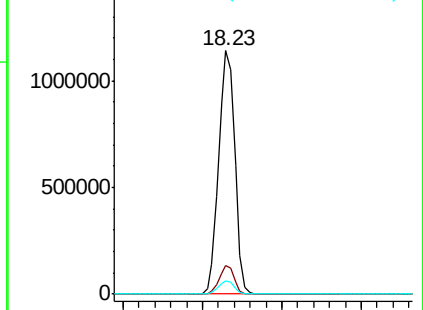
104 5.7 4.0 6.0

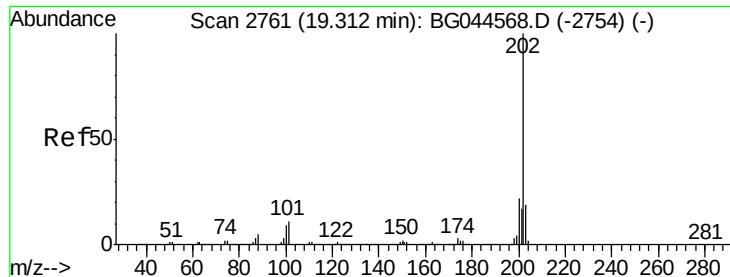


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 88.134 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

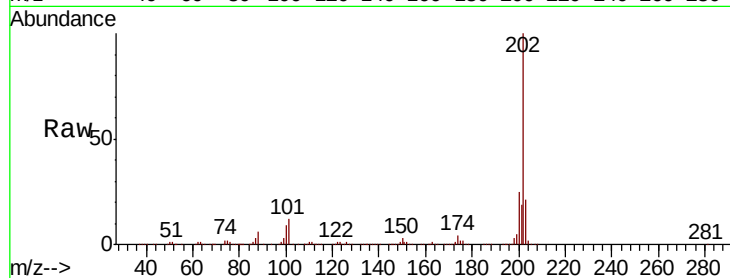
Tot Ion:202 Resp: 1685533

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

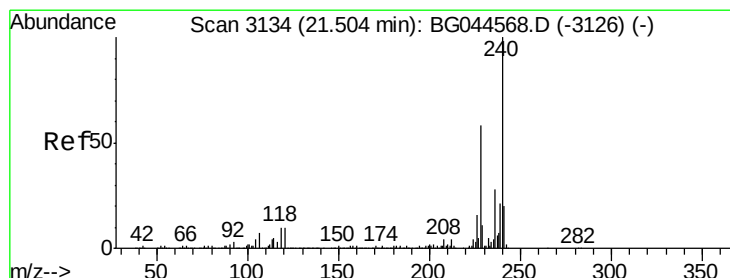
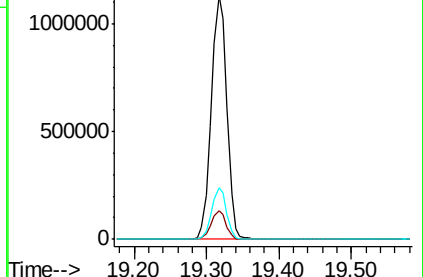
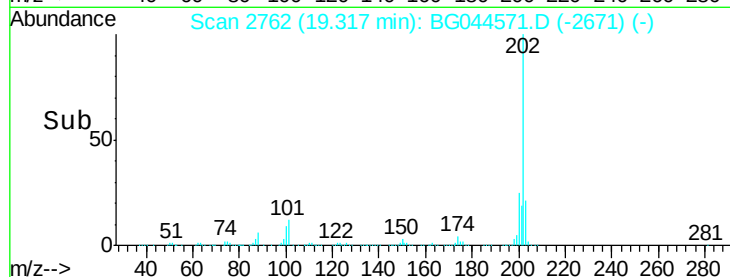
203 21.4 0.0 39.2



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: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

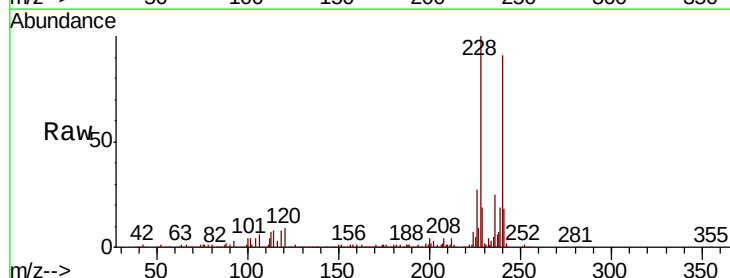
Tgt Ion:240 Resp: 309829

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

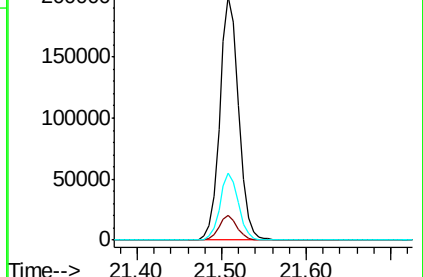
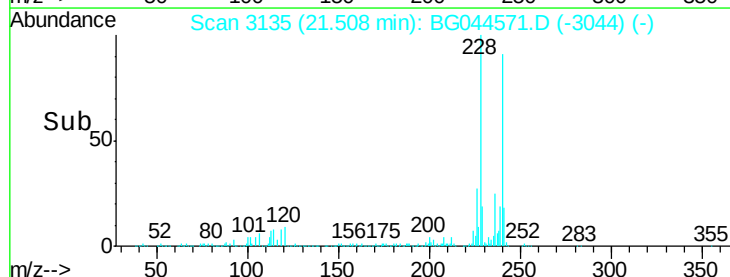
236 27.6 22.3 33.5

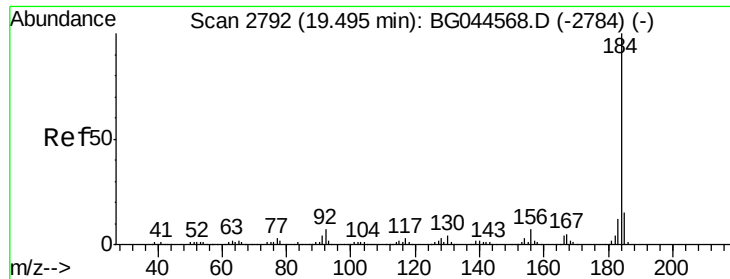


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 97.674 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

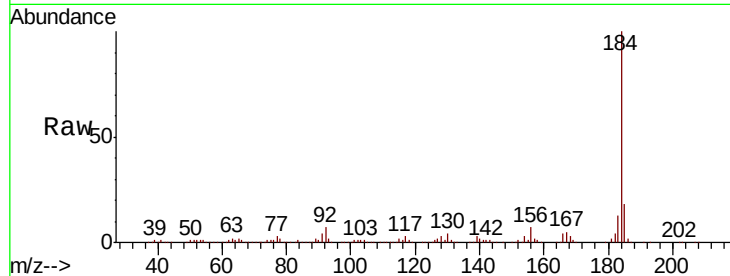
Tot Ion:184 Resp: 839399

Ion Ratio Lower Upper

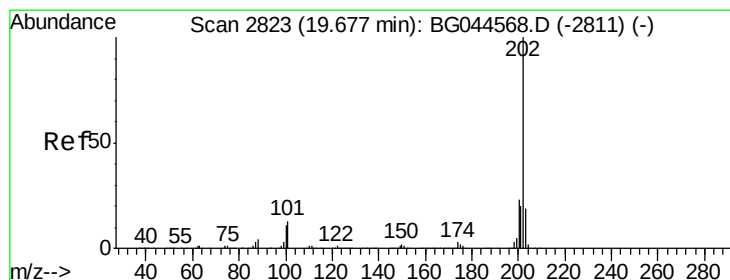
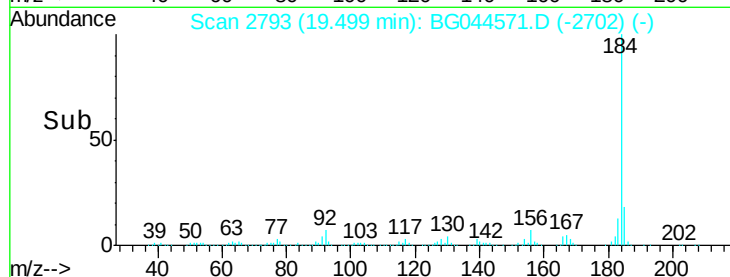
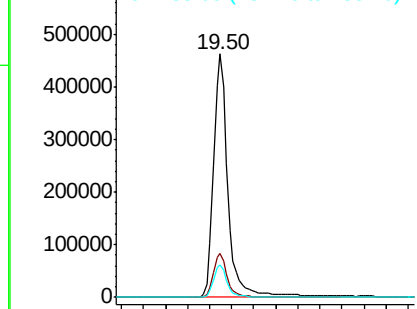
184 100

185 18.3 12.2 18.4

183 13.4 9.9 14.9



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: 84.749 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

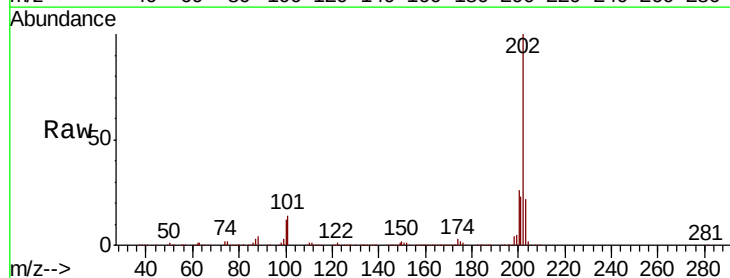
Tgt Ion:202 Resp: 1686280

Ion Ratio Lower Upper

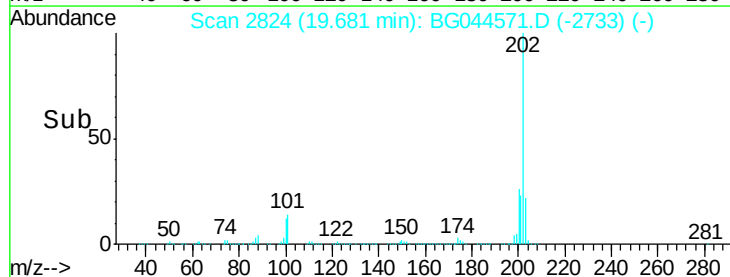
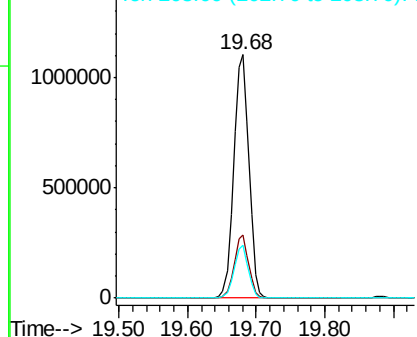
202 100

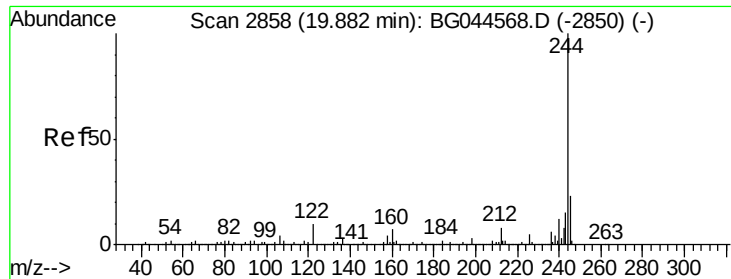
200 26.0 18.6 28.0

203 21.8 15.3 22.9



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: 154.652 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

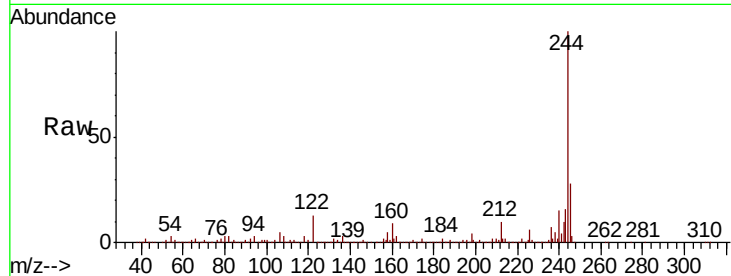
Tot Ion:244 Resp: 2329544

Ion Ratio Lower Upper

244 100

212 10.2 6.5 9.7#

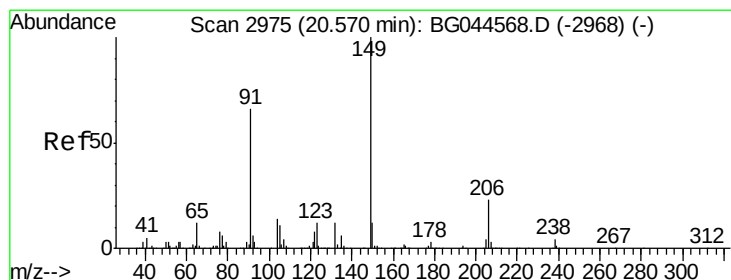
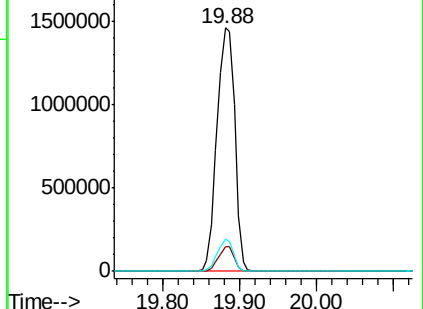
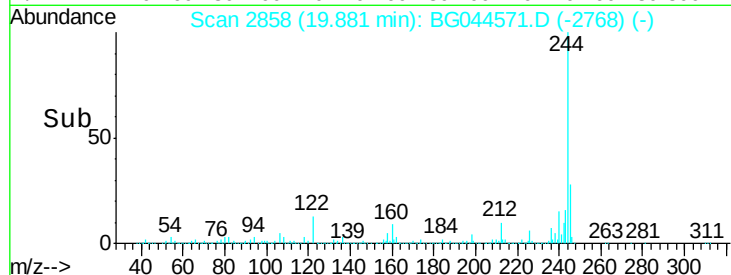
122 13.4 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 85.425 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

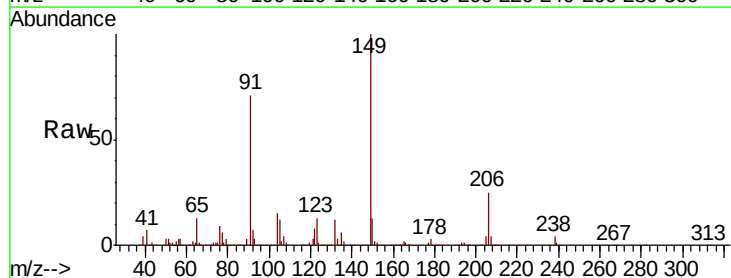
Tgt Ion:149 Resp: 774588

Ion Ratio Lower Upper

149 100

91 70.7 52.7 79.1

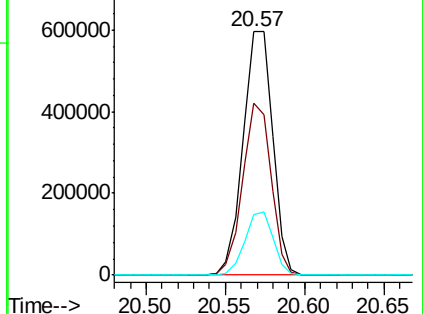
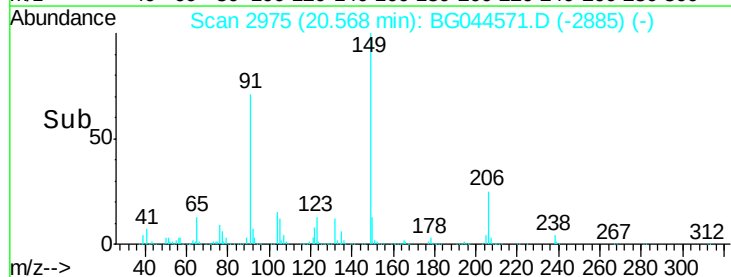
206 24.9 18.6 28.0

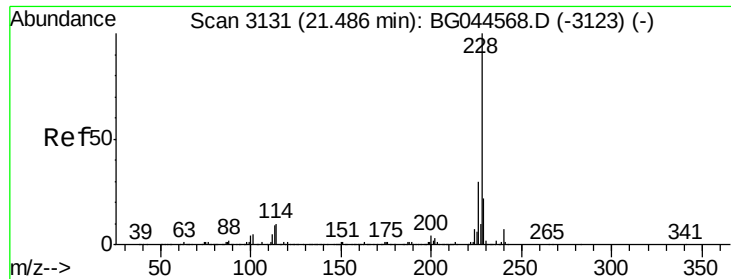


Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

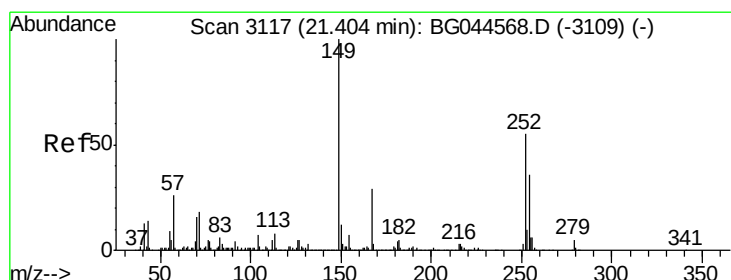
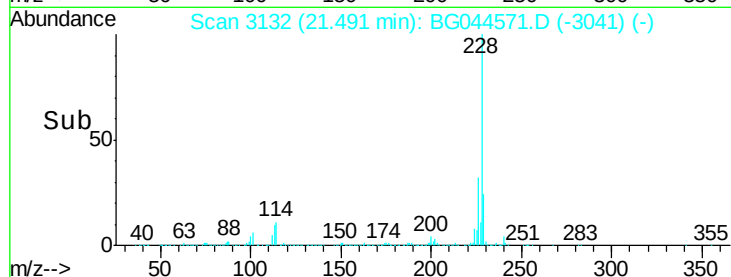
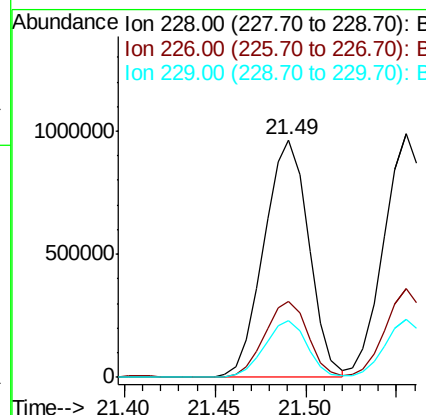
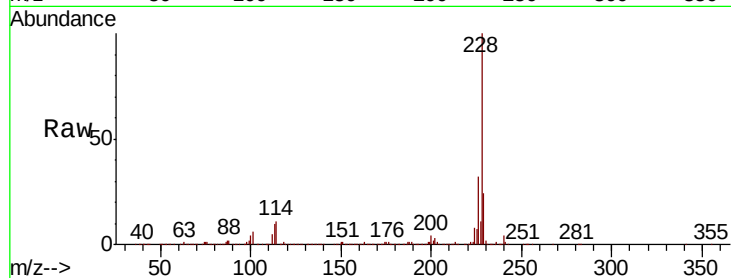




#81
Benzo(a)anthracene
Concen: 87.044 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

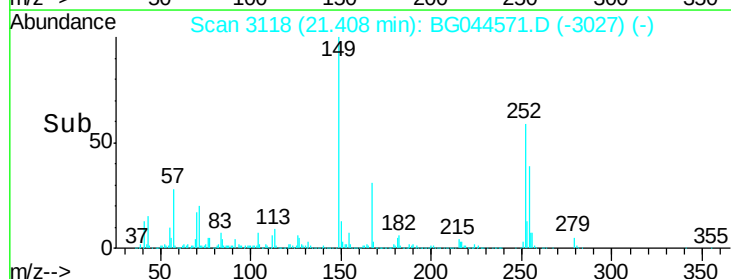
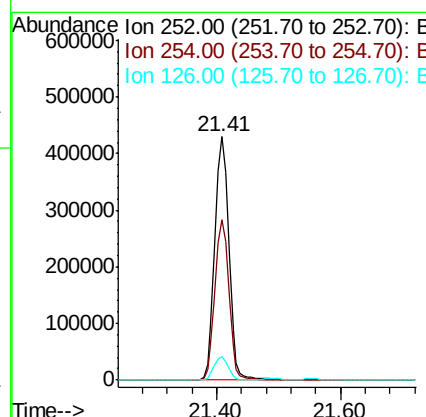
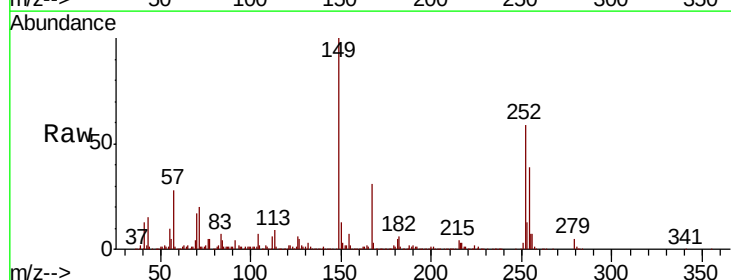
Instrument :
BNA_G
ClientSampled :

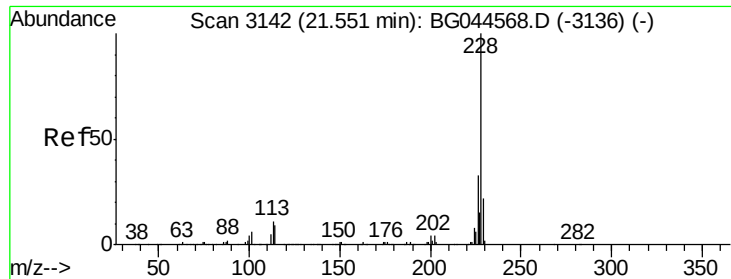
Tot Ion:228 Resp: 1662114
Ion Ratio Lower Upper
228 100
226 31.9 23.8 35.8
229 23.9 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 91.305 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:252 Resp: 676661
Ion Ratio Lower Upper
252 100
254 66.0 51.5 77.3
126 9.8 7.8 11.6





#83

Chrysene

Concen: 87.694 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampleId :

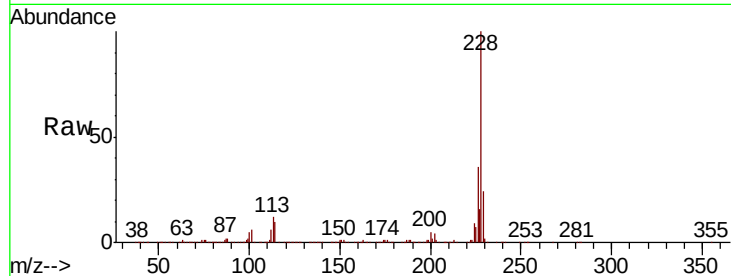
Tot Ion:228 Resp: 1618578

Ion Ratio Lower Upper

228 100

226 36.4 26.1 39.1

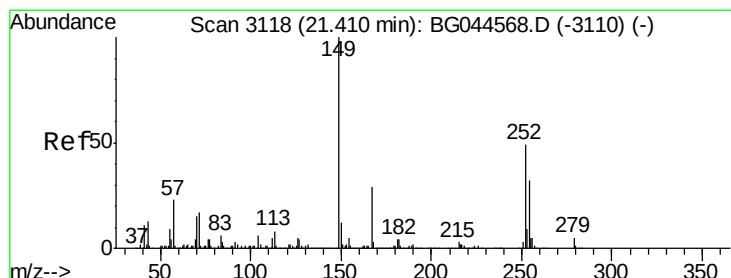
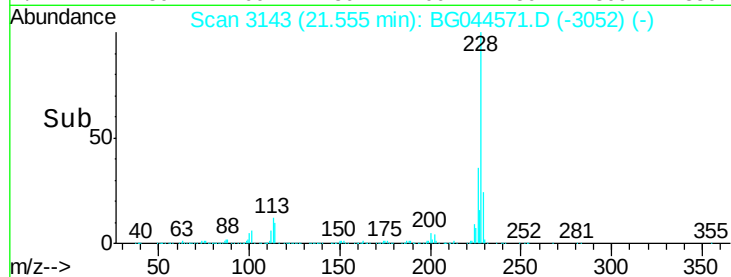
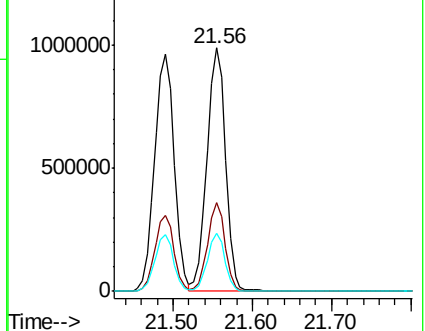
229 24.0 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.586 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

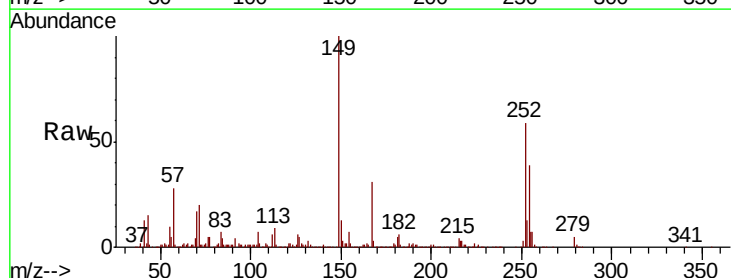
Tgt Ion:149 Resp: 1030714

Ion Ratio Lower Upper

149 100

167 31.5 23.4 35.0

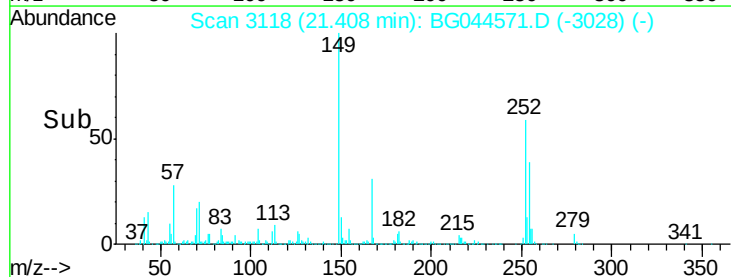
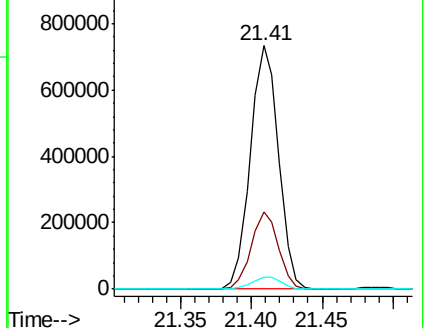
279 5.2 4.2 6.4

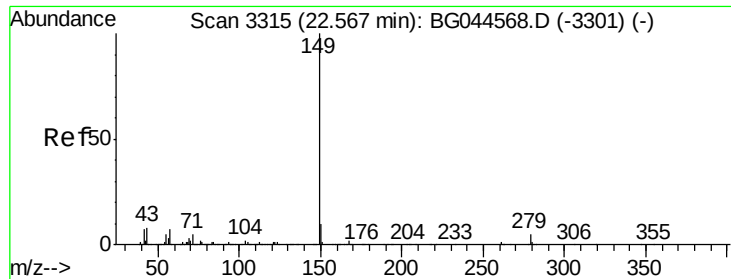


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 85.469 ng

RT: 22.57 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Instrument :

BNA_G

ClientSampled :

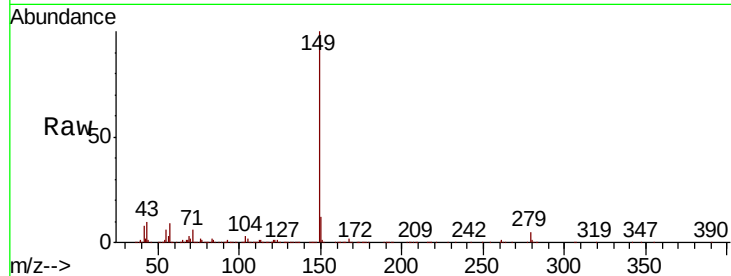
Tot Ion:149 Resp: 1845633

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

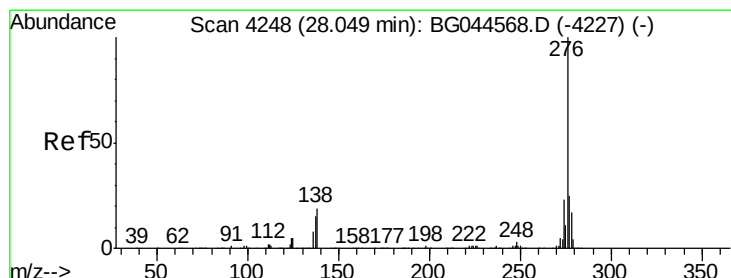
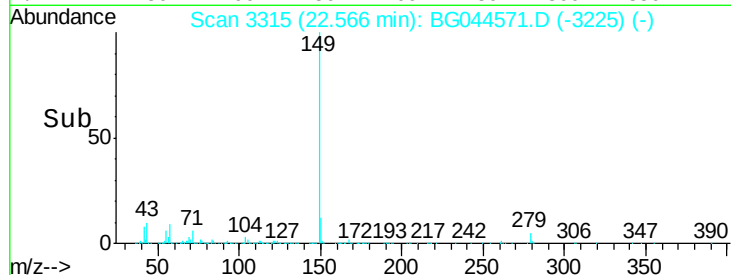
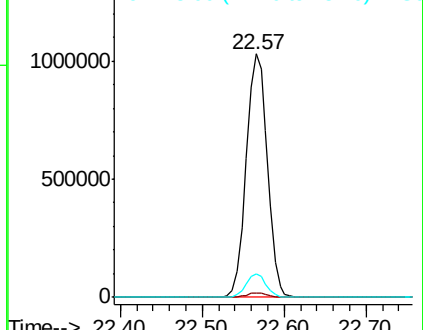
43 9.1 6.6 10.0



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: 91.654 ng

RT: 28.07 min Scan# 4251

Delta R.T. 0.02 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

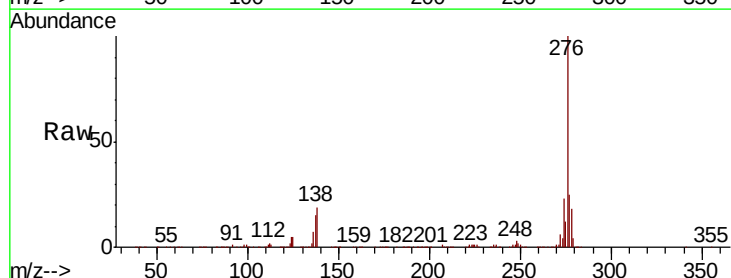
Tgt Ion:276 Resp: 2207046

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.4

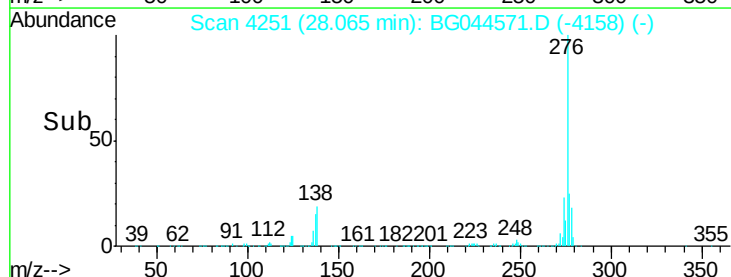
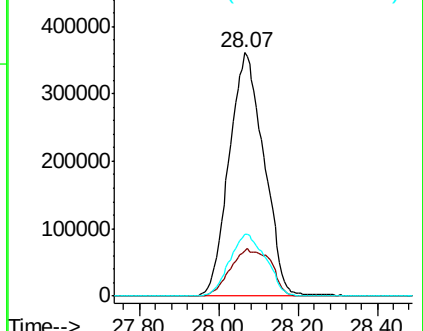
277 26.5 20.7 31.1

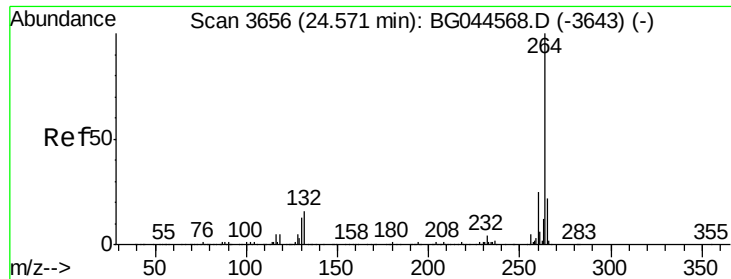


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

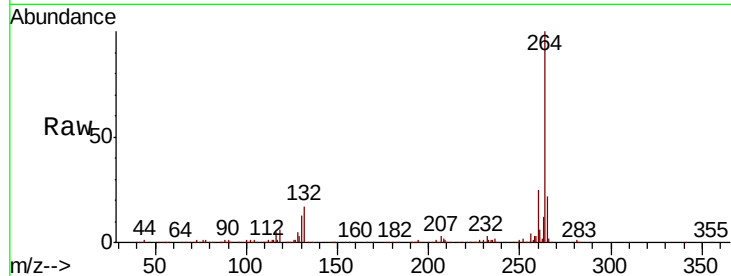
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 356572

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.3	17.8	26.8

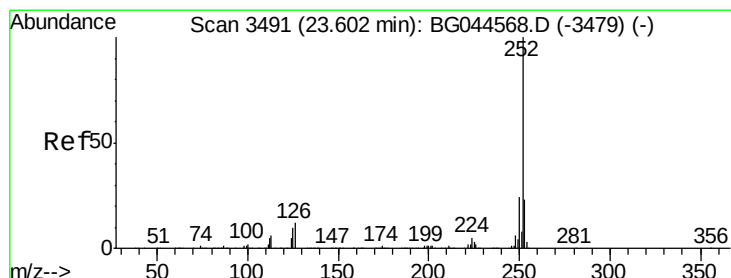
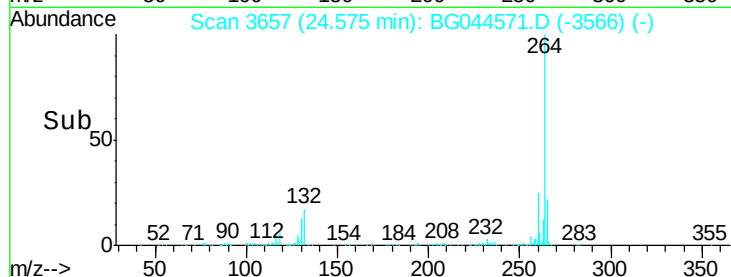
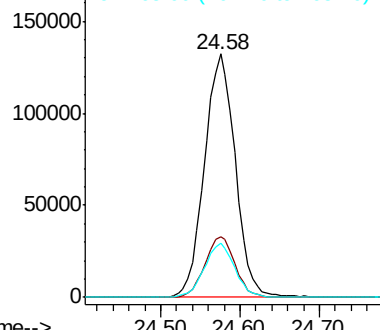


Abundance

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: 88.865 ng

RT: 23.61 min Scan# 3493

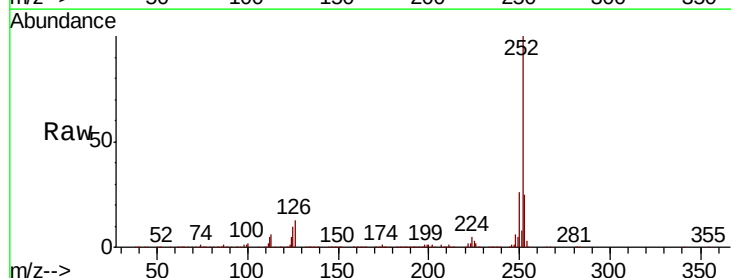
Delta R.T. 0.01 min

Lab File: BG044571.D

Acq: 24 Feb 2020 14:31

Tgt Ion:252 Resp: 1825907

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	10.3	7.9	11.9

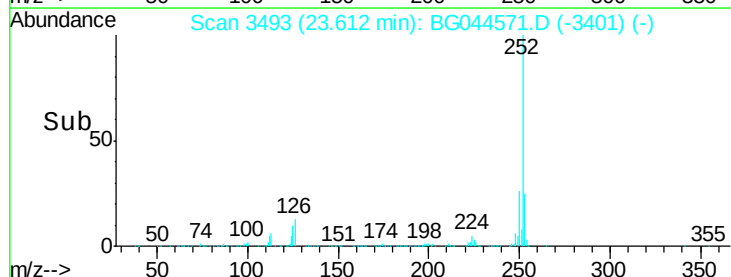
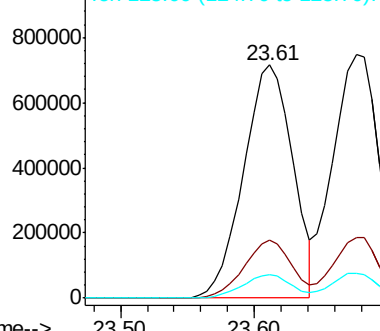


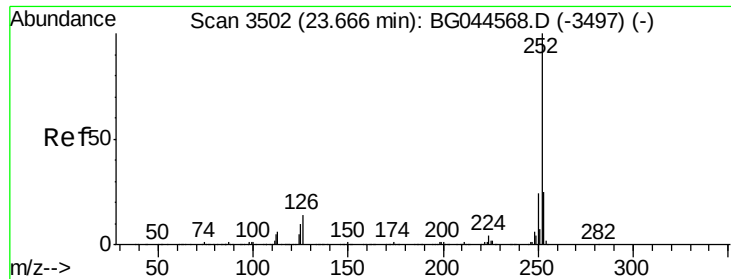
Abundance

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

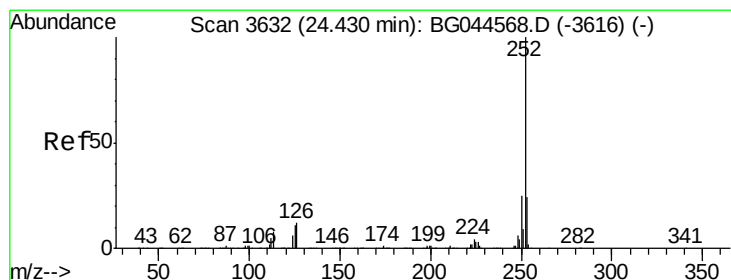
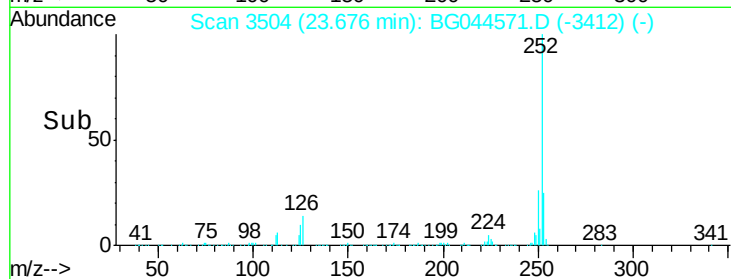
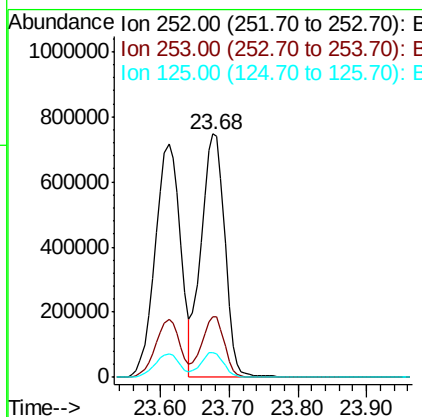
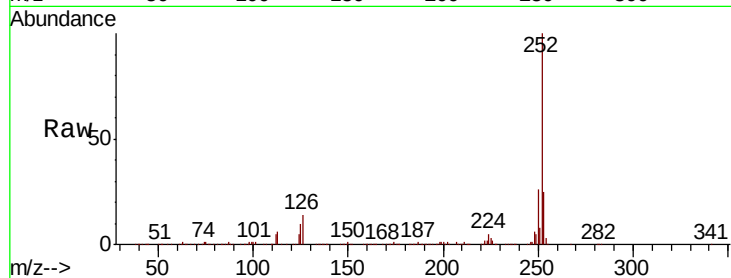




#89
Benzo(k)fluoranthene
Concen: 89.491 ng
RT: 23.68 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

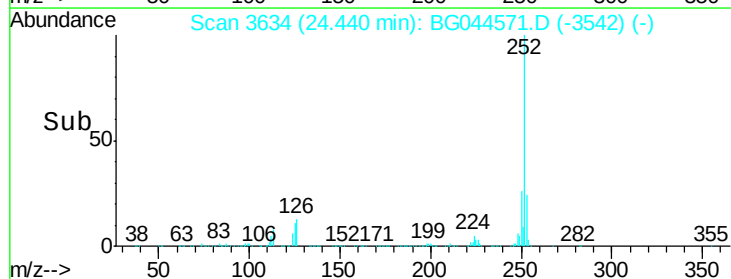
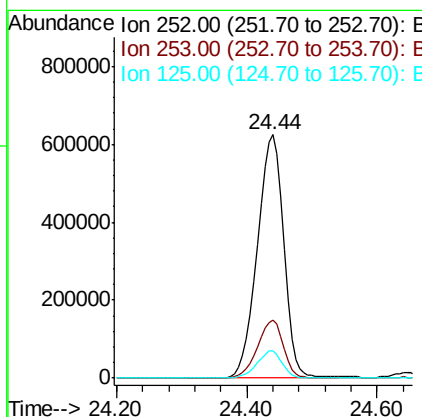
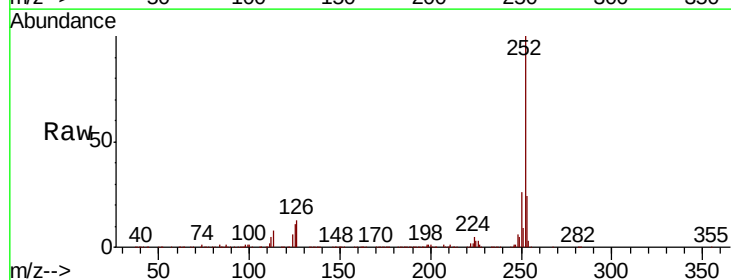
Instrument :
BNA_G
ClientSampleId :

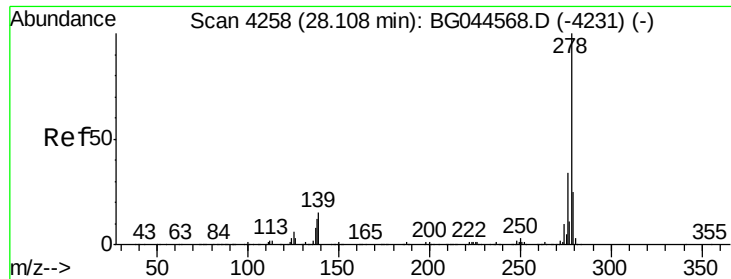
Tot Ion:252 Resp: 1792129
Ion Ratio Lower Upper
252 100
253 25.0 19.0 28.6
125 10.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 90.106 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.01 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:252 Resp: 1750483
Ion Ratio Lower Upper
252 100
253 24.1 19.0 28.4
125 11.3 8.5 12.7

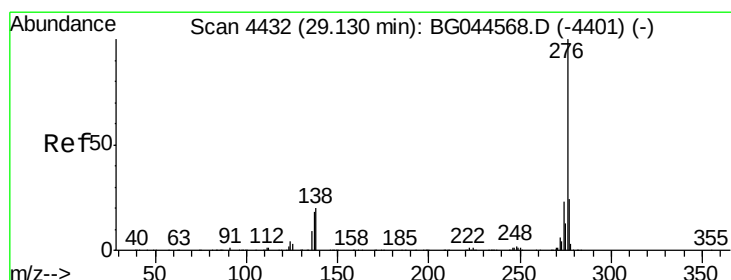
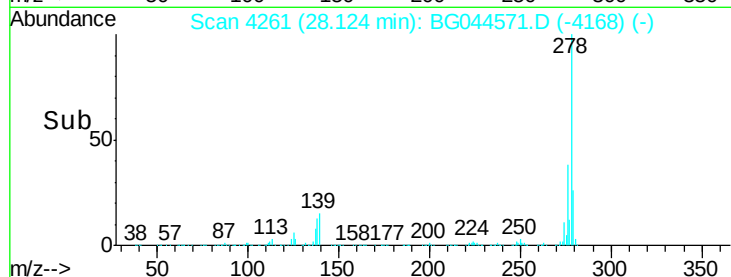
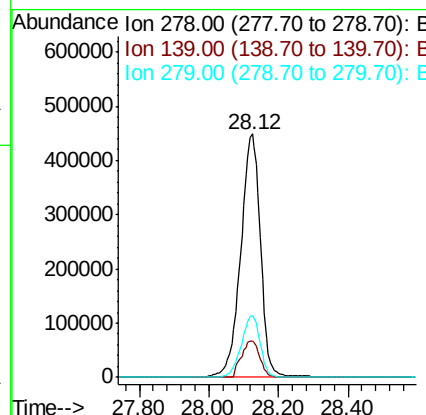
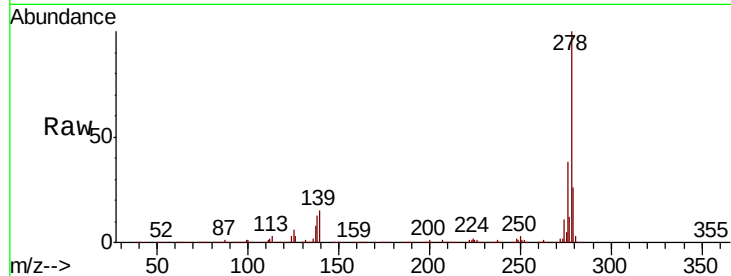




#91
Dibenzo(a,h)anthracene
Concen: 92.130 ng
RT: 28.12 min Scan# 4261
Delta R.T. 0.02 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1771311
Ion Ratio Lower Upper
278 100
139 14.9 11.7 17.5
279 25.5 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 92.020 ng
RT: 29.16 min Scan# 4437
Delta R.T. 0.03 min
Lab File: BG044571.D
Acq: 24 Feb 2020 14:31

Tgt Ion:276 Resp: 1771073
Ion Ratio Lower Upper
276 100
277 24.4 19.5 29.3
138 19.7 16.1 24.1

