

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044592.D
 Acq On : 26 Feb 2020 1:12
 Operator : CG/JU
 Sample : L1603-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:04:45 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 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61054	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	243698	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	163513	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	384796	20.00	ng	0.00
76) Chrysene-d12	21.50	240	382403	20.00	ng	0.00
87) Perylene-d12	24.57	264	410576	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	475548	124.97	ng	0.01
7) Phenol-d6	7.05	99	568733	109.19	ng	0.00
23) Nitrobenzene-d5	9.03	82	404455	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	303755	131.01	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	925695	81.07	ng	0.00
79) Terphenyl-d14	19.88	244	1672224	82.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	60837	36.638	ng	# 40
3) Pyridine	3.74	79	124656	26.904	ng	97
4) n-Nitrosodimethylamine	3.64	42	77955	44.299	ng	94
6) Aniline	7.20	93	62940	9.925	ng	99
8) 2-Chlorophenol	7.44	128	192011	46.225	ng	98
9) Benzaldehyde	7.01	77	24406	7.968	ng	97
10) Phenol	7.08	94	201254	39.871	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	181384	42.746	ng	95
12) 1,3-Dichlorobenzene	7.76	146	203032	40.981	ng	98
13) 1,4-Dichlorobenzene	7.91	146	203818	40.935	ng	98
14) 1,2-Dichlorobenzene	8.23	146	192491	40.653	ng	99
15) Benzyl Alcohol	8.11	79	156818	44.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	231605	40.613	ng	98
17) 2-Methylphenol	8.32	107	158262	43.889	ng	97
18) Hexachloroethane	8.96	117	73676	40.489	ng	98
19) n-Nitroso-di-n-propylamine	8.68	70	139361	41.624	ng	98
20) 3+4-Methylphenols	8.66	107	214393	43.427	ng	99
22) Acetophenone	8.69	105	266359	43.534	ng	# 99
24) Nitrobenzene	9.08	77	199551	43.543	ng	99
25) Isophorone	9.60	82	389193	43.981	ng	99
26) 2-Nitrophenol	9.79	139	109621	44.106	ng	98
27) 2,4-Dimethylphenol	9.86	122	180072	51.601	ng	100
28) bis(2-Chloroethoxy)methane	10.08	93	243112	41.544	ng	99
29) 2,4-Dichlorophenol	10.33	162	187864	45.029	ng	95
30) 1,2,4-Trichlorobenzene	10.54	180	195012	40.417	ng	98
31) Naphthalene	10.72	128	574078	43.171	ng	99
32) Benzoic acid	10.02	122	47022	41.412	ng	92
33) 4-Chloroaniline	10.85	127	12826	2.190	ng	98
34) Hexachlorobutadiene	11.02	225	117785	38.871	ng	98
35) Caprolactam	11.61	113	27285	18.268	ng	98
36) 4-Chloro-3-methylphenol	11.97	107	204644	47.652	ng	97
37) 2-Methylnaphthalene	12.34	142	427078	43.456	ng	99
38) 1-Methylnaphthalene	12.55	142	406180	43.496	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	216555	39.340	ng	99

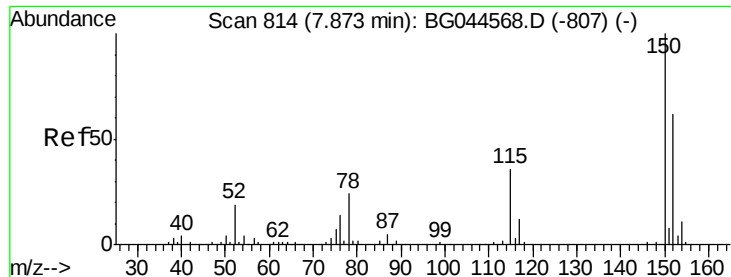
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	212112	80.755	ng	100
43) 2,4,6-Trichlorophenol	12.95	196	157899	44.177	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	170500	46.437	ng	96
46) 1,1'-Biphenyl	13.35	154	550084	40.652	ng	98
47) 2-Chloronaphthalene	13.39	162	429620	40.489	ng	99
48) 2-Nitroaniline	13.59	65	128559	43.647	ng	97
49) Acenaphthylene	14.23	152	690653	44.095	ng	99
50) Dimethylphthalate	13.98	163	586580	44.446	ng	99
51) 2,6-Dinitrotoluene	14.09	165	133607	45.902	ng	95
52) Acenaphthene	14.58	154	428494	42.917	ng	100
53) 3-Nitroaniline	14.42	138	28306	9.017	ng	93
54) 2,4-Dinitrophenol	14.63	184	144992	83.186	ng	96
55) Dibenzofuran	14.92	168	675654	44.142	ng	98
56) 4-Nitrophenol	14.75	139	222387	102.990	ng	98
57) 2,4-Dinitrotoluene	14.88	165	189892	46.404	ng	98
58) Fluorene	15.56	166	544912	44.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	162680	48.114	ng	99
60) Diethylphthalate	15.34	149	595450	45.535	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	286538	43.423	ng	100
62) 4-Nitroaniline	15.59	138	120825	38.440	ng	98
63) Azobenzene	15.85	77	516449	46.406	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	115847	48.622	ng	97
66) n-Nitrosodiphenylamine	15.77	169	518032	43.159	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	196069	41.049	ng	98
68) Hexachlorobenzene	16.57	284	216681	40.124	ng	99
69) Atrazine	16.73	200	185347	41.770	ng	99
70) Pentachlorophenol	16.92	266	245422	91.705	ng	98
71) Phenanthrene	17.30	178	920379	43.203	ng	99
72) Anthracene	17.40	178	943949	44.962	ng	99
73) Carbazole	17.66	167	867495	45.395	ng	99
74) Di-n-butylphthalate	18.23	149	1068200	44.608	ng	99
75) Fluoranthene	19.31	202	1133193	44.934	ng	99
77) Benzidine	19.51	184	127050	9.699	ng	97
78) Pyrene	19.68	202	1141489	41.121	ng	99
80) Butylbenzylphthalate	20.57	149	494082	40.691	ng	98
81) Benzo(a)anthracene	21.49	228	1109503	41.282	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	204103	19.223	ng	99
83) Chrysene	21.55	228	1062542	40.889	ng	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	711151	42.506	ng	99
85) Di-n-octyl phthalate	22.56	149	1234423	41.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1387337	41.601	ng	100
88) Benzo(b)fluoranthene	23.61	252	1197097	44.346	ng	99
89) Benzo(k)fluoranthene	23.66	252	1152808	44.013	ng	100
90) Benzo(a)pyrene	24.43	252	1080948	42.619	ng	98
91) Dibenzo(a,h)anthracene	28.11	278	1143774	45.598	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1153794	45.911	ng	99

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

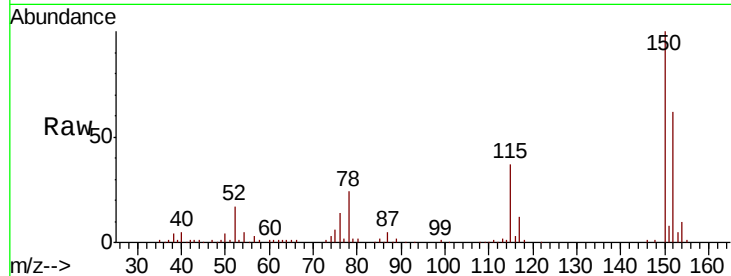


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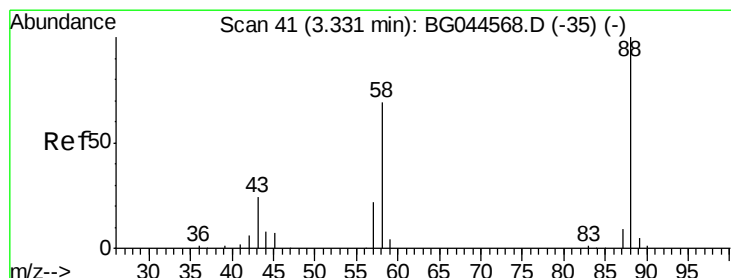
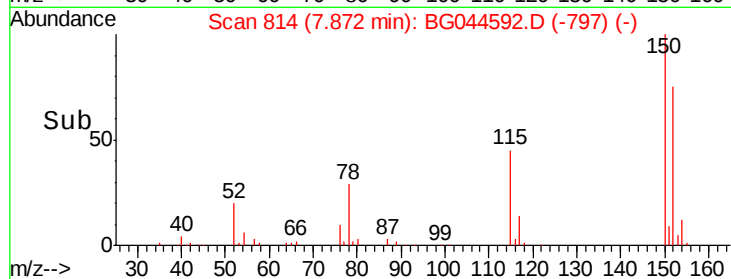
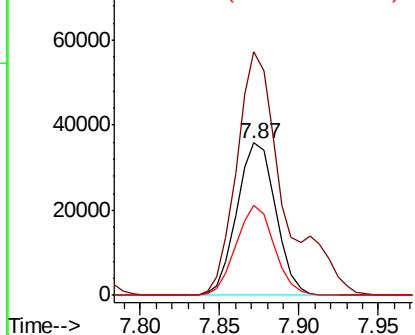
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61054
Ion Ratio Lower Upper
152 100
150 160.0 128.9 193.3
115 59.6 47.0 70.4



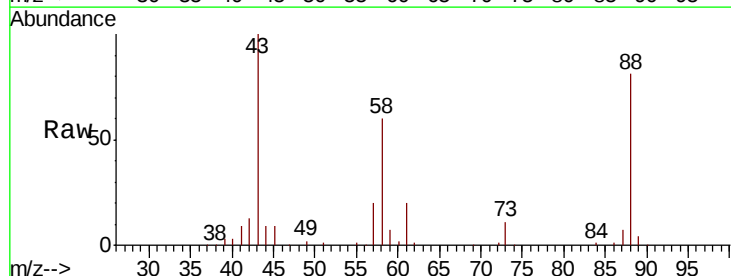
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



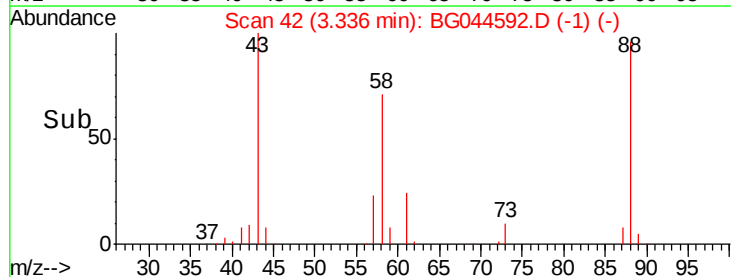
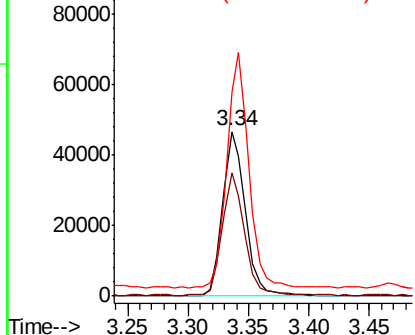
#2

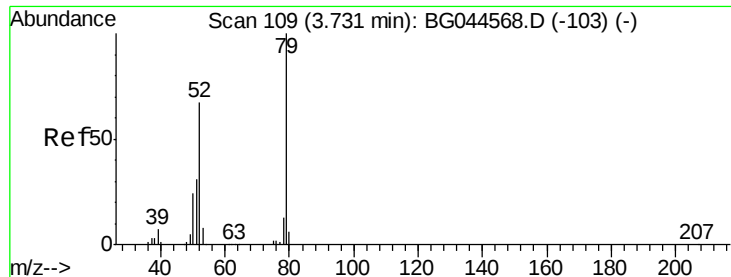
1,4-Dioxane
Concen: 36.638 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion: 88 Resp: 60837
Ion Ratio Lower Upper
88 100
58 71.8 55.8 83.8
43 135.9 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: 26.904 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

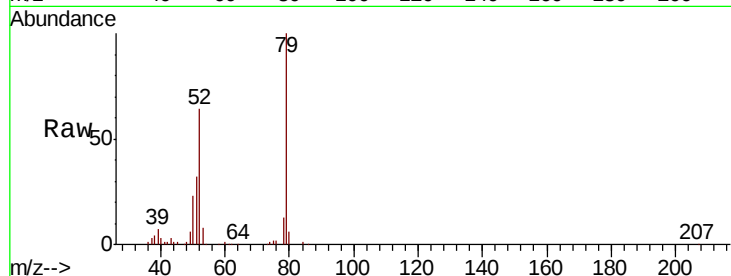
Tot Ion: 79 Resp: 124656

Ion Ratio Lower Upper

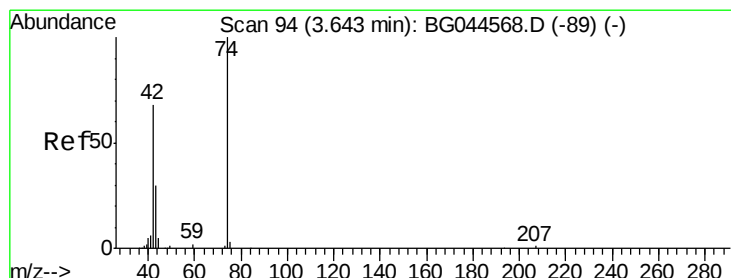
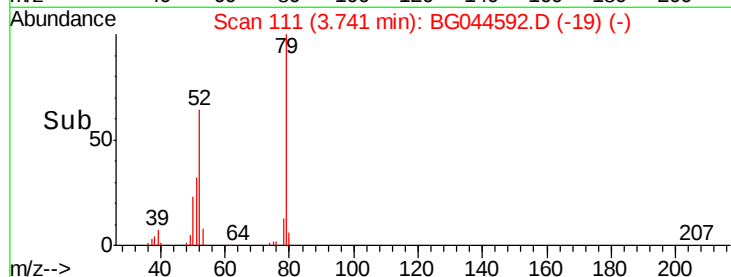
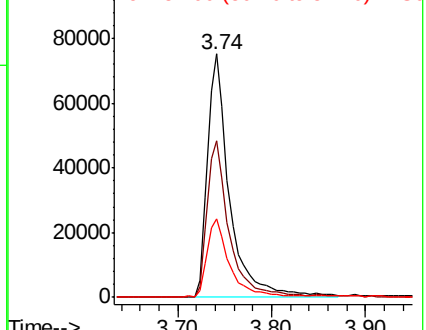
79 100

52 64.4 53.7 80.5

51 32.1 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: 44.299 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

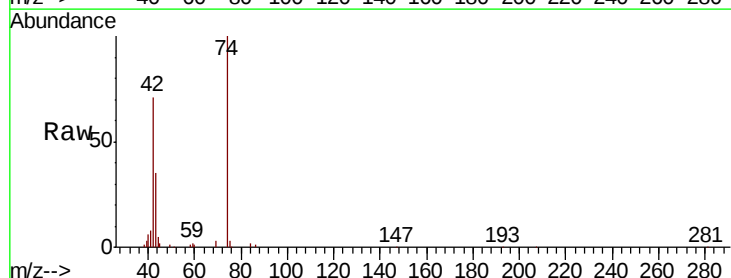
Tgt Ion: 42 Resp: 77955

Ion Ratio Lower Upper

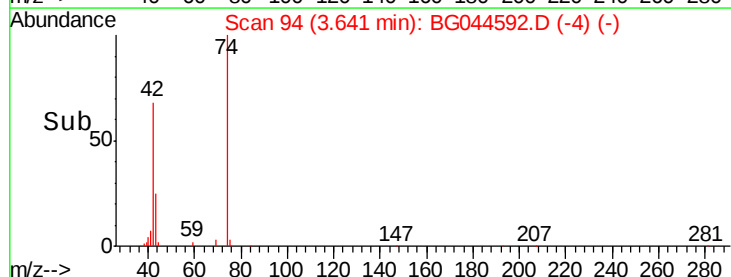
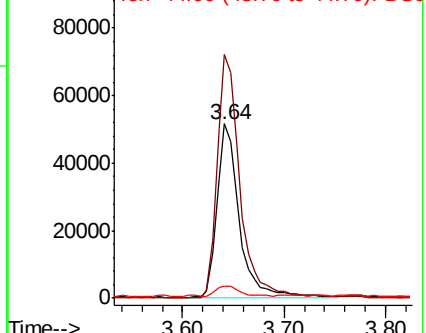
42 100

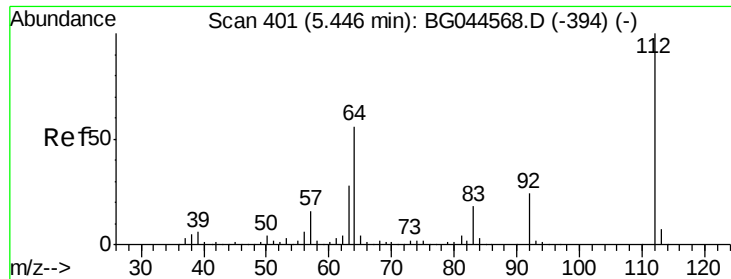
74 139.9 117.6 176.4

44 7.0 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: 124.972 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044592.D

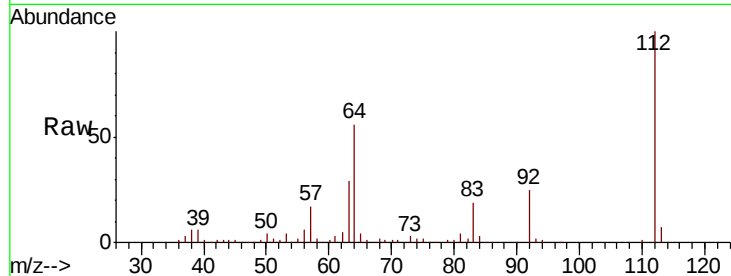
Acq: 26 Feb 2020 1:12

Instrument :

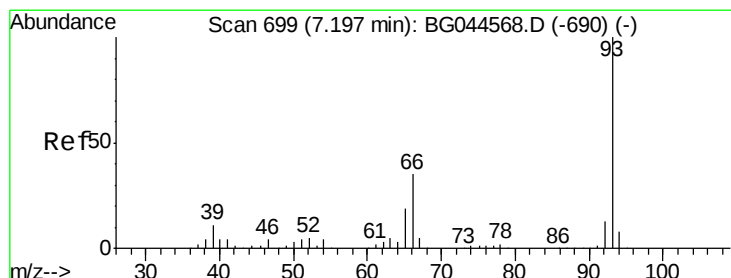
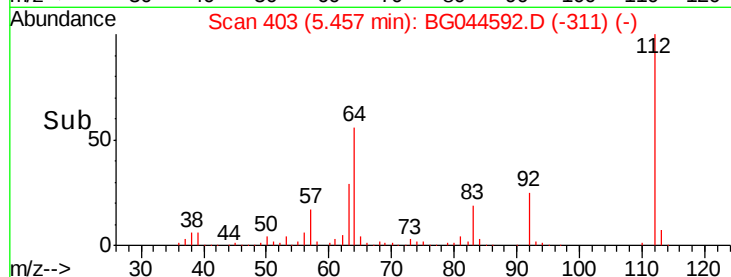
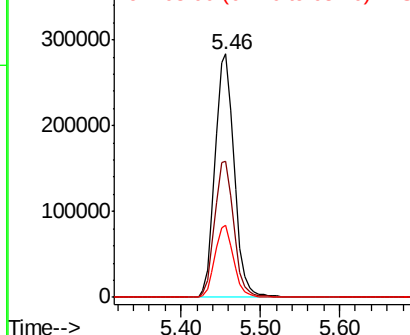
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	475548
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.8	67.2
63	29.4	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: 9.925 ng

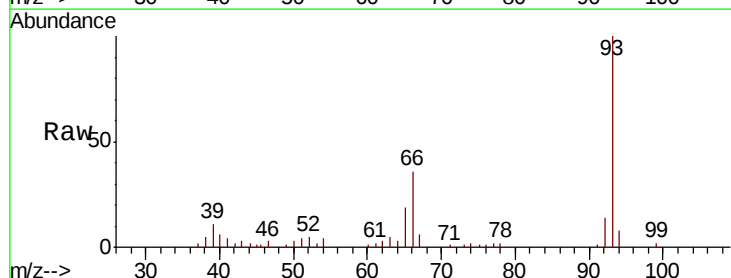
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

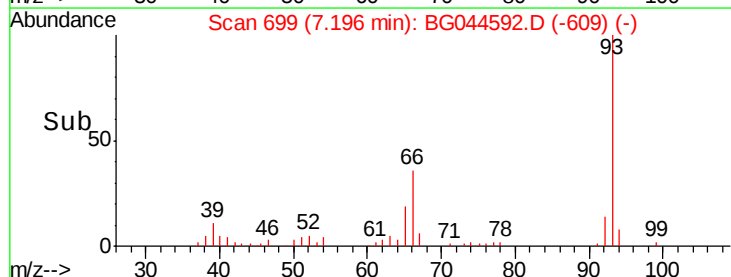
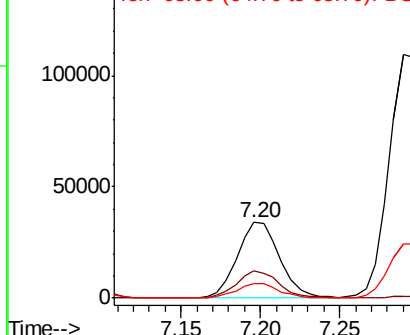
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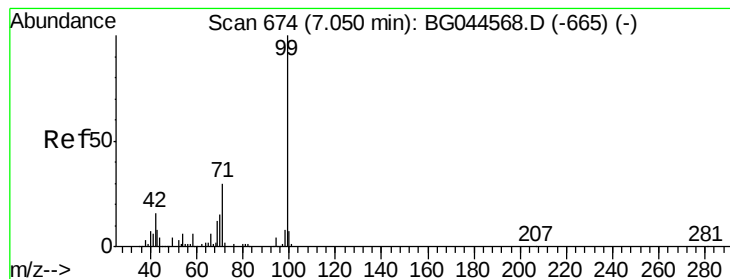
Acq: 26 Feb 2020 1:12

Tgt Ion:	93	Resp:	62940
Ion	Ratio	Lower	Upper
93	100		
66	35.7	27.8	41.8
65	18.7	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: 109.190 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

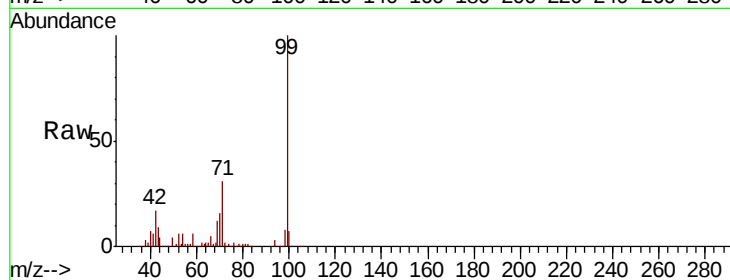
Tot Ion: 99 Resp: 568733

Ion Ratio Lower Upper

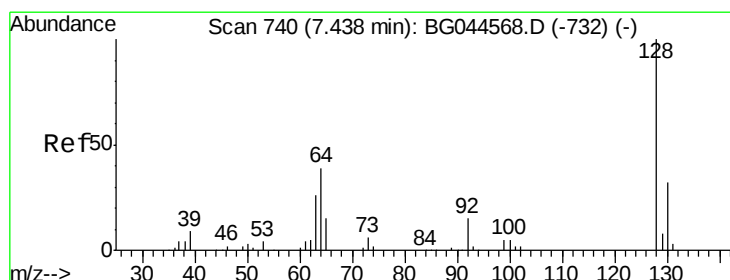
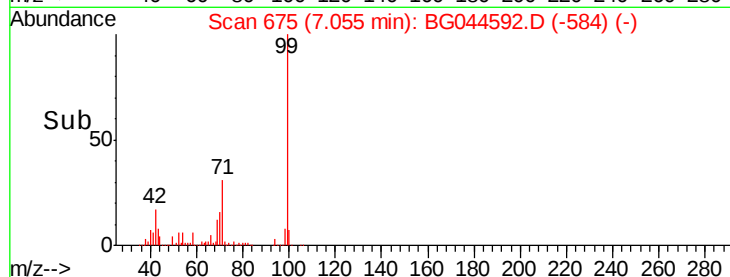
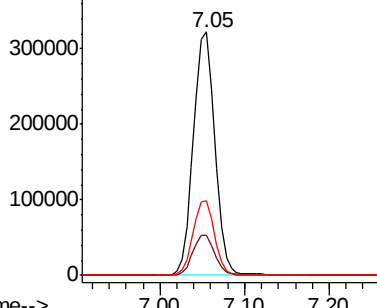
99 100

42 16.6 12.8 19.2

71 30.7 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: 46.225 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

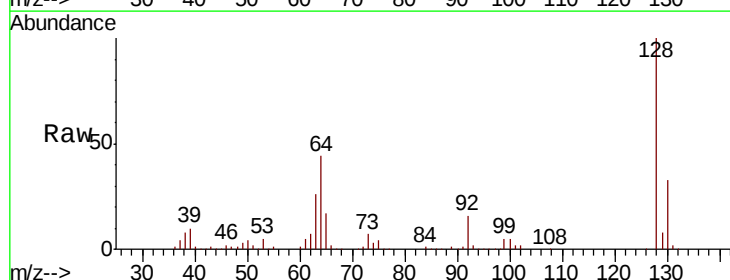
Tgt Ion:128 Resp: 192011

Ion Ratio Lower Upper

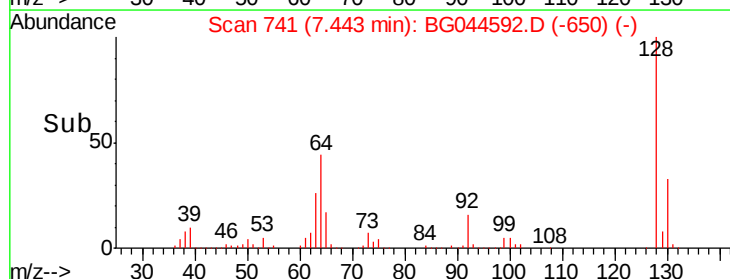
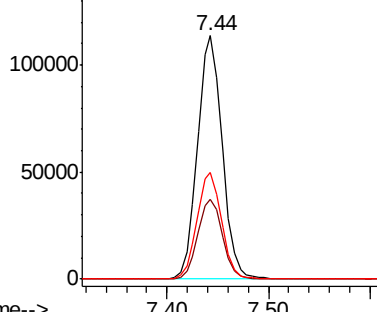
128 100

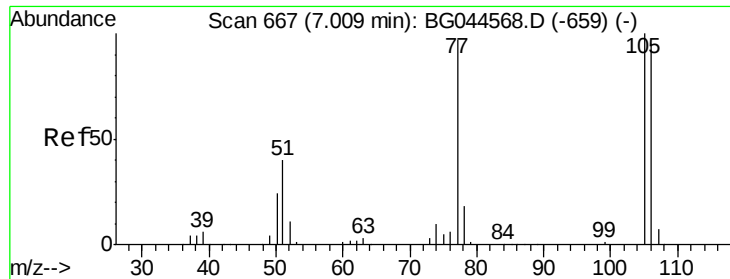
130 32.8 12.3 52.3

64 43.9 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

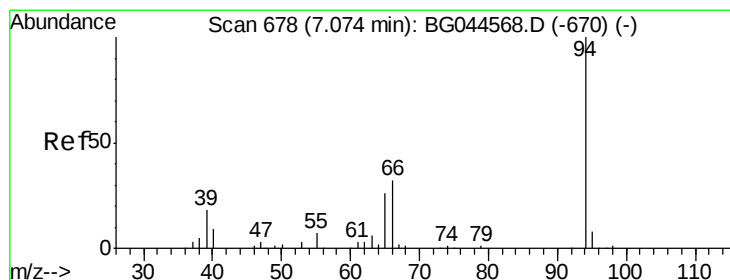
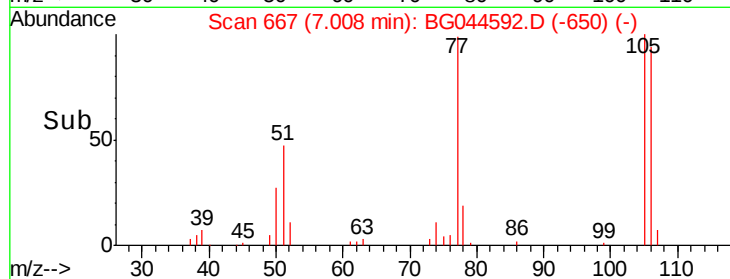
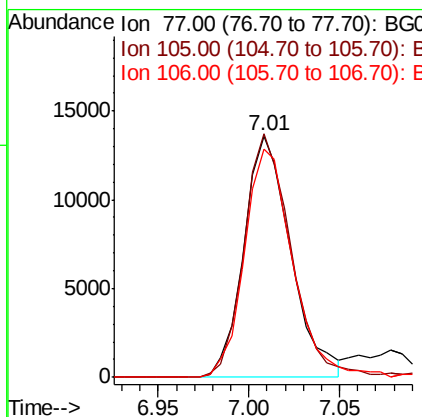
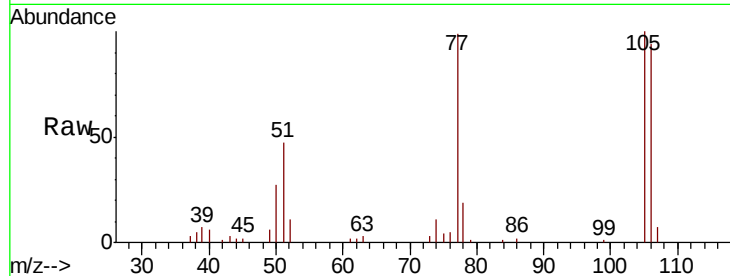




#9
Benzaldehyde
Concen: 7.968 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

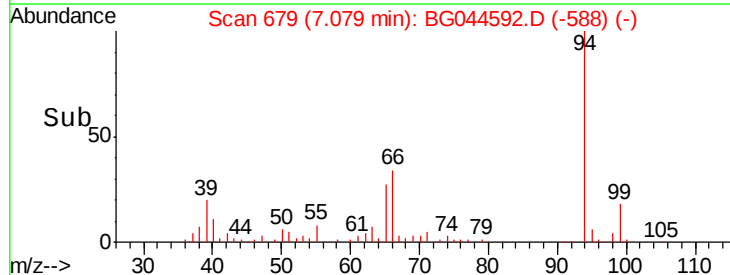
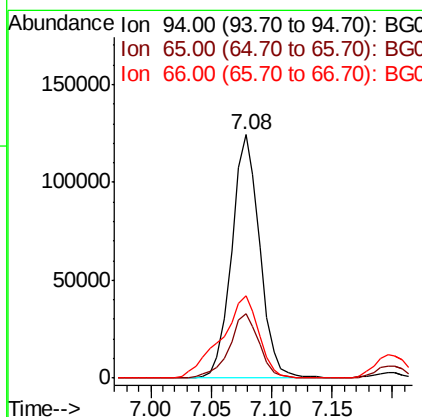
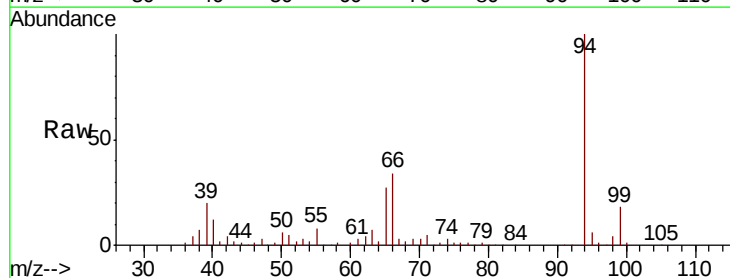
Instrument :
BNA_G
ClientSampled :

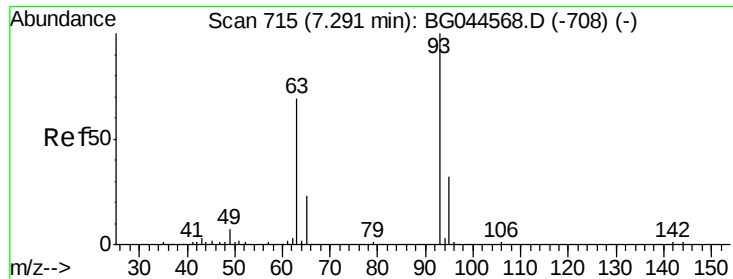
Tot Ion: 77 Resp: 24406
Ion Ratio Lower Upper
77 100
105 100.8 83.6 123.6
106 94.7 78.2 118.2



#10
Phenol
Concen: 39.871 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion: 94 Resp: 201254
Ion Ratio Lower Upper
94 100
65 26.6 6.4 46.4
66 33.6 13.9 53.9

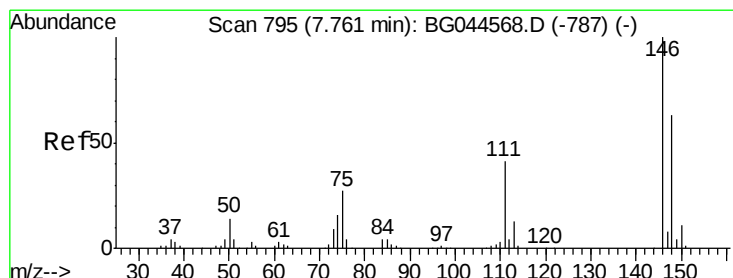
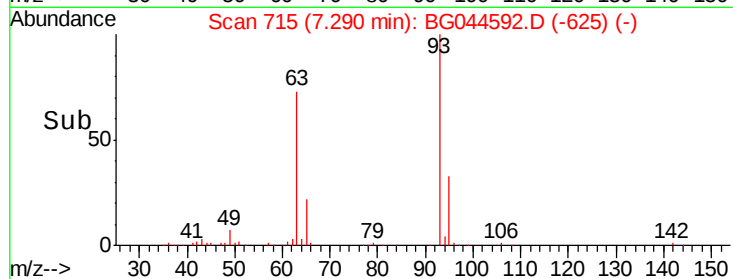
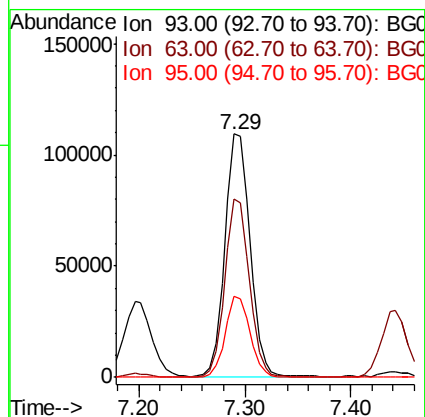
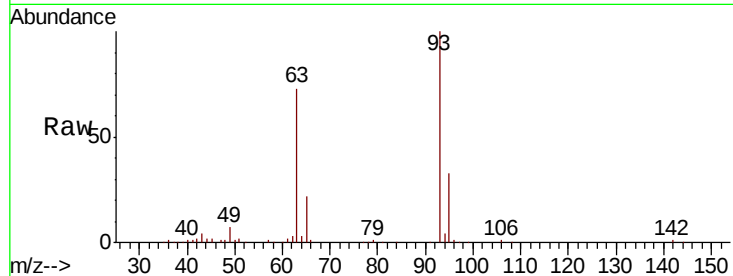




#11
bis(2-Chloroethyl)ether
Concen: 42.746 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

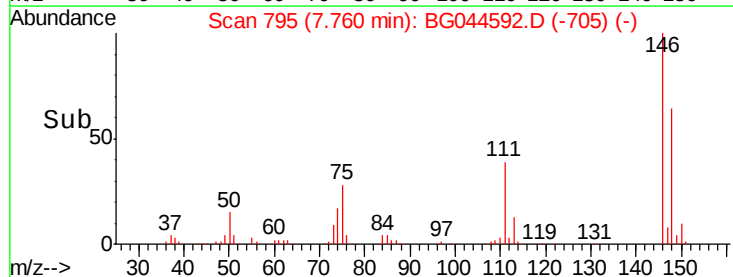
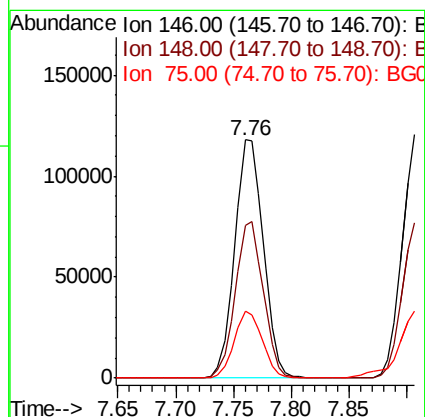
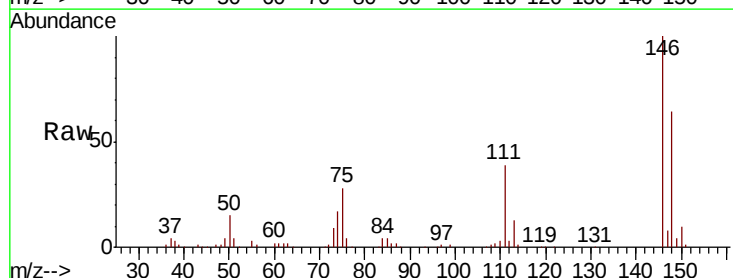
Instrument :
BNA_G
ClientSampled :

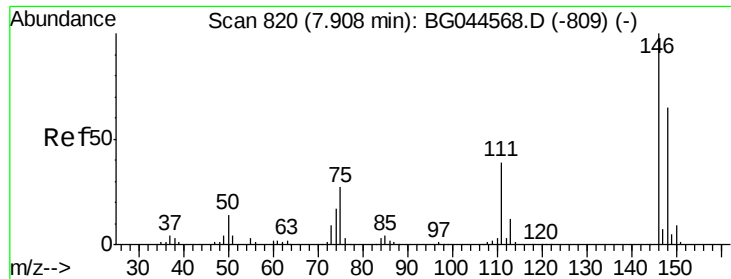
Tot Ion	93	Resp	181384
Ion Ratio	Lower	Upper	
93	100		
63	73.1	48.9	88.9
95	33.1	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 40.981 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	146	Resp	203032
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
75	28.4	21.4	32.0

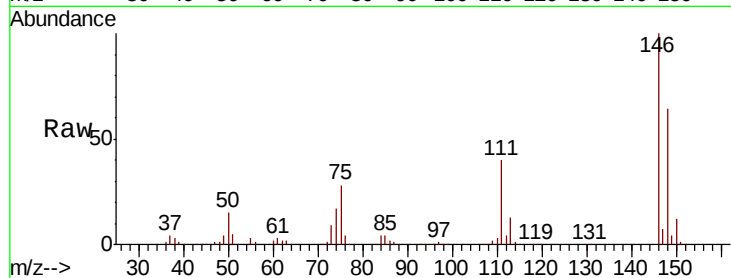




#13
 1,4-Dichlorobenzene
 Concen: 40.935 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	39.7	30.8	46.2

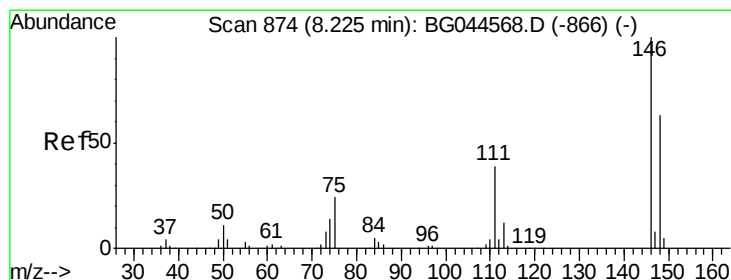
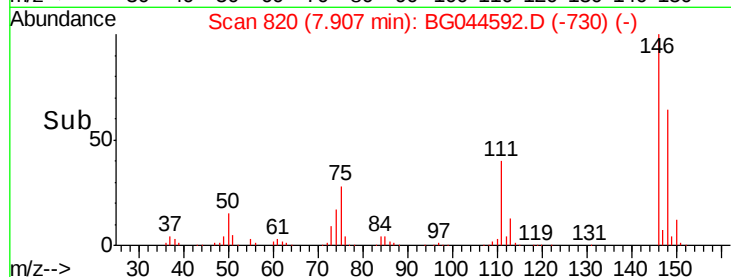
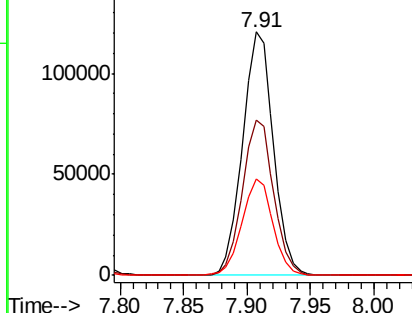


Abundance

Ion 146.00 (145.70 to 146.70): E

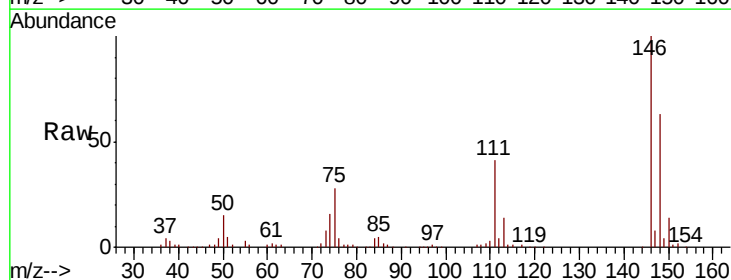
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.653 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.7	76.1
111	40.5	31.8	47.6

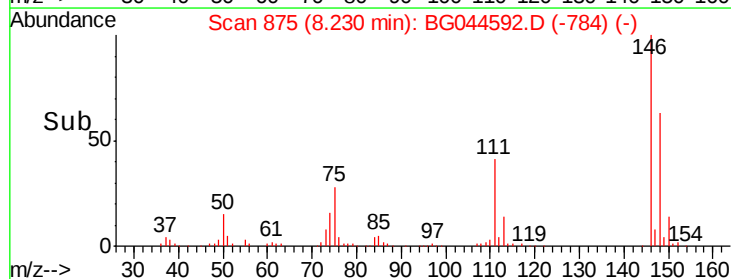
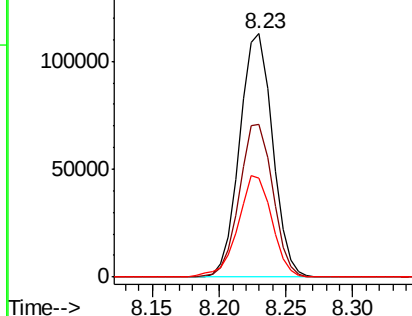


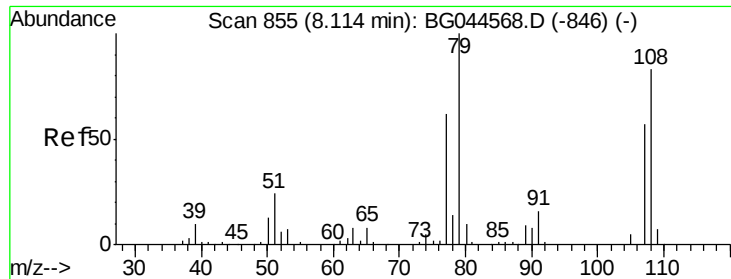
Abundance

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: 44.642 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

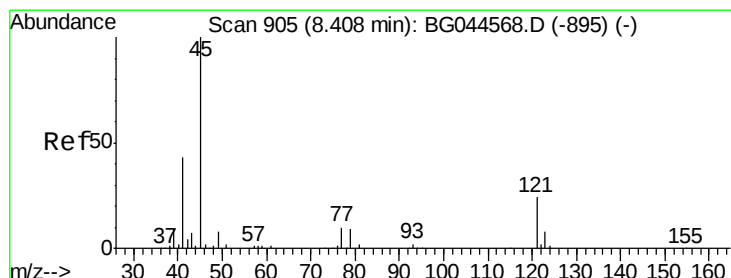
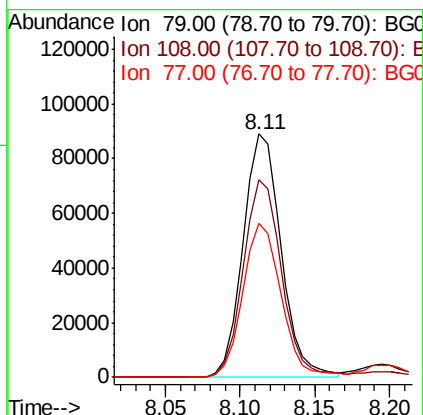
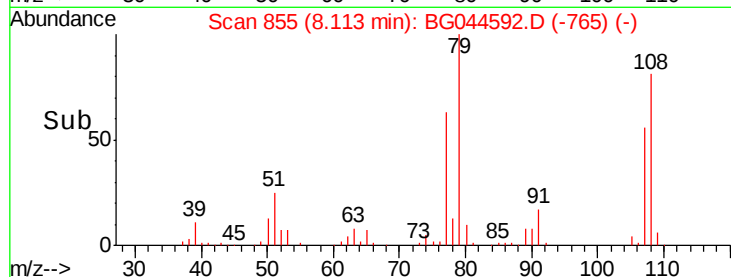
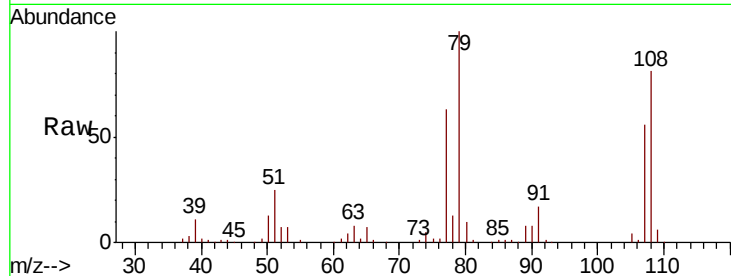
Tot Ion: 79 Resp: 156818

Ion Ratio Lower Upper

79 100

108 81.2 66.0 99.0

77 63.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.613 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

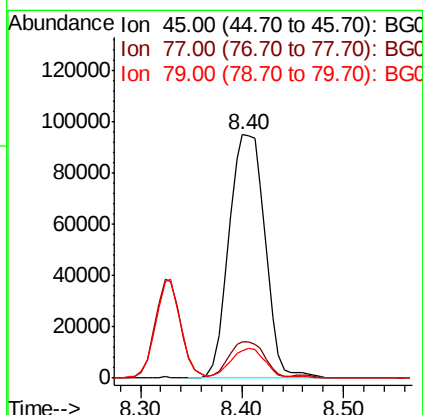
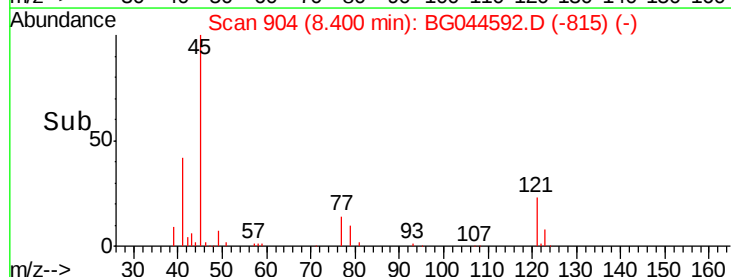
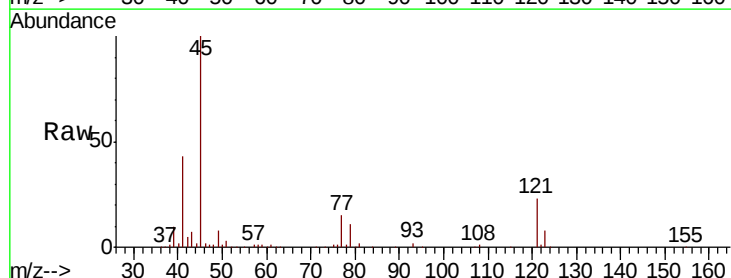
Tgt Ion: 45 Resp: 231605

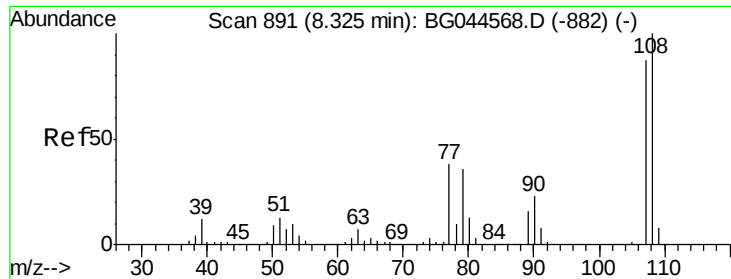
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.4

79 11.1 0.0 32.3

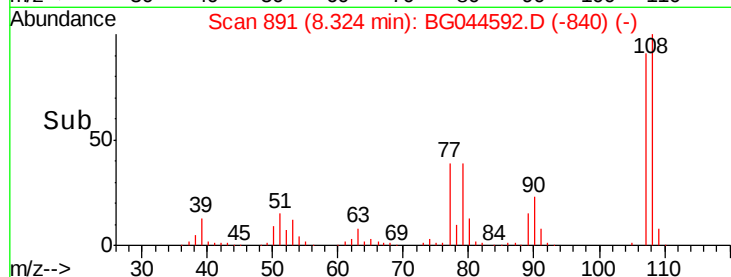
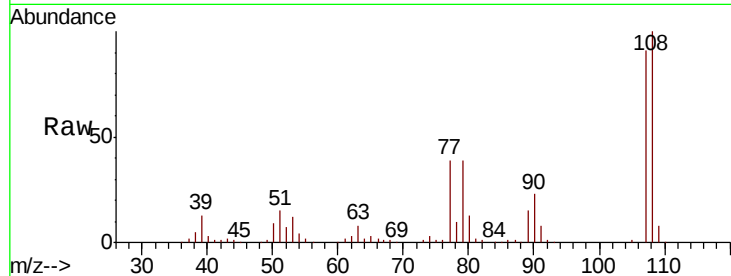




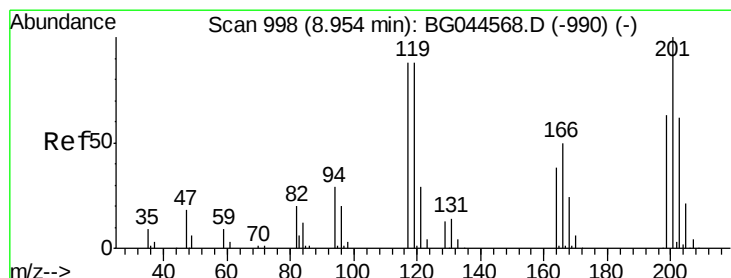
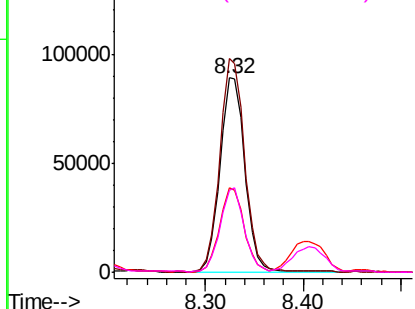
#17
2-Methylphenol
Concen: 43.889 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	158262
Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.7	137.5
77	43.3	35.1	52.7
79	42.3	33.2	49.8

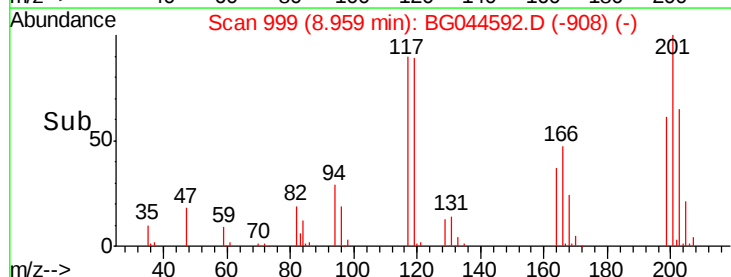
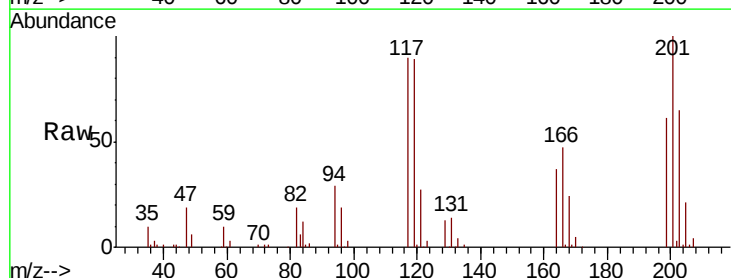


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

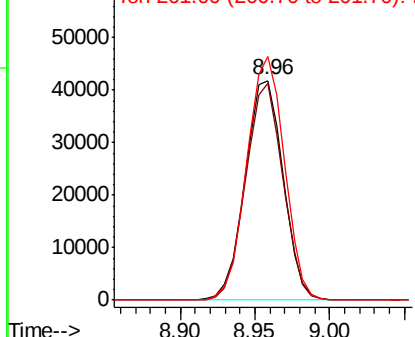


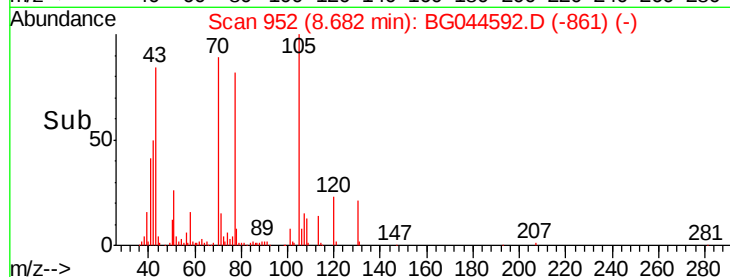
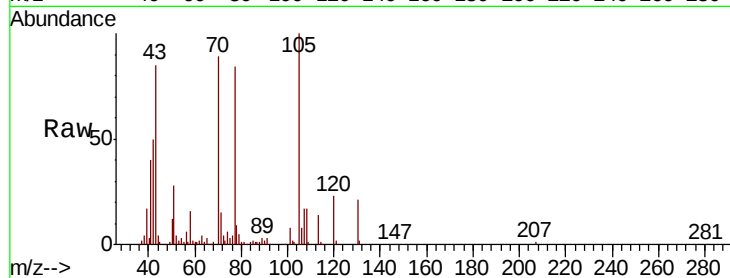
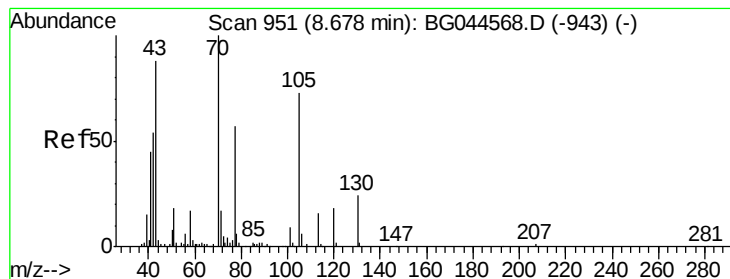
#18
Hexachloroethane
Concen: 40.489 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:	117	Resp:	73676
Ion	Ratio	Lower	Upper
117	100		
119	98.4	80.0	120.0
201	110.8	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: 41.624 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 139361

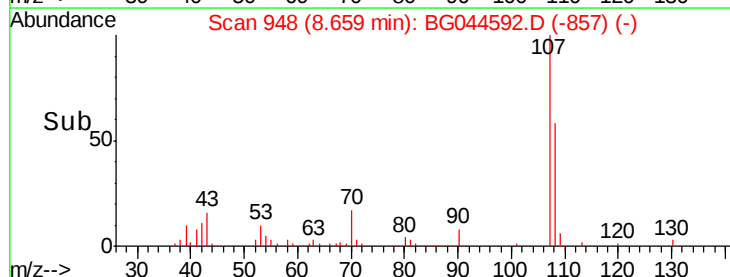
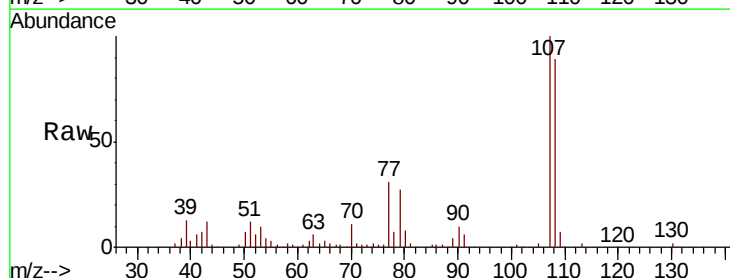
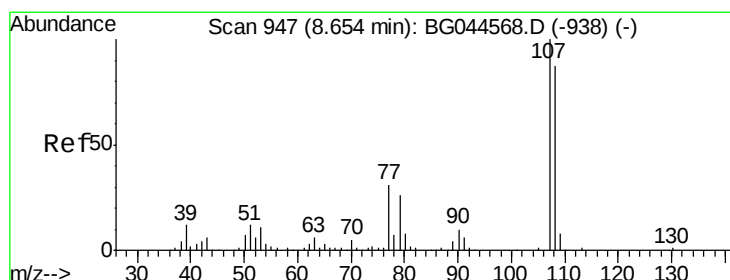
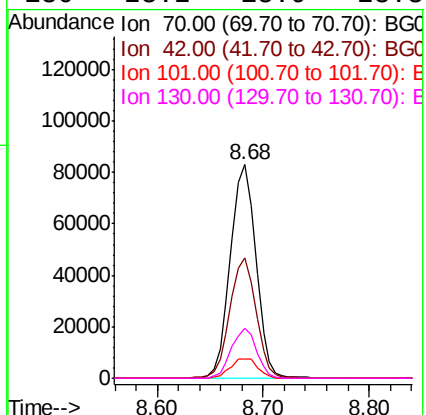
Ion Ratio Lower Upper

70 100

42 56.1 43.4 65.0

101 9.2 7.5 11.3

130 23.2 18.9 28.3



#20

3+4-Methylphenols

Concen: 43.427 ng

RT: 8.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion: 107 Resp: 214393

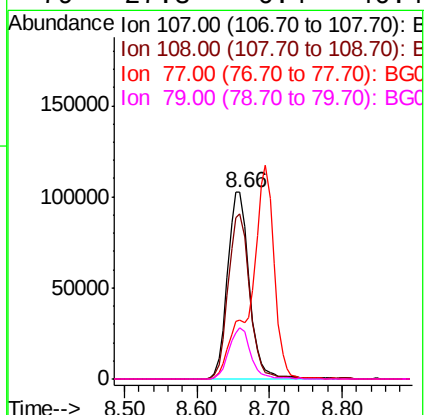
Ion Ratio Lower Upper

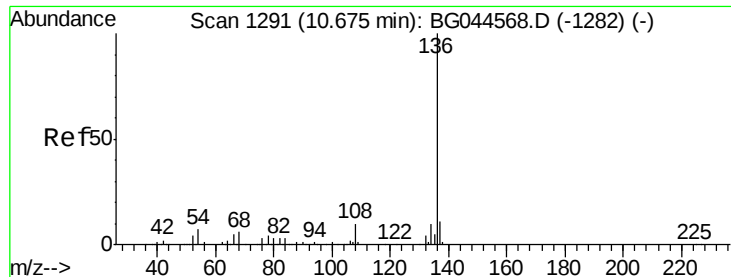
107 100

108 88.8 67.5 107.5

77 31.3 11.3 51.3

79 27.3 6.4 46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 243698

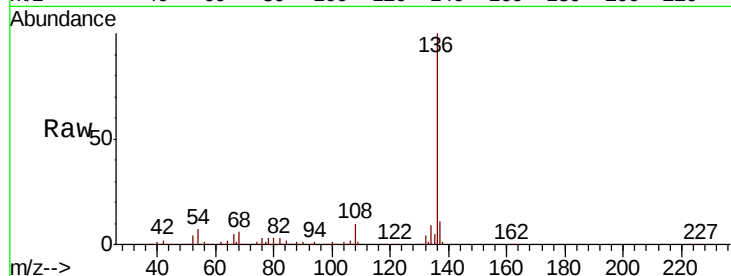
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.5 5.7 8.5

68 5.8 4.5 6.7



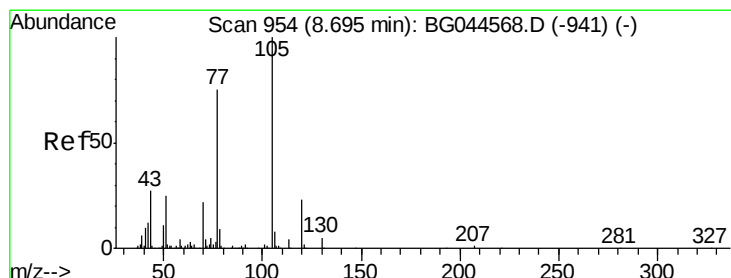
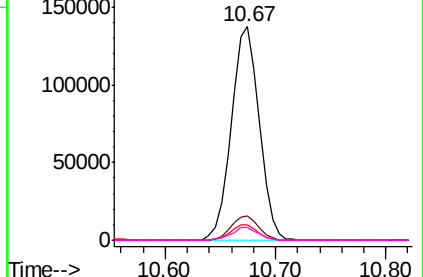
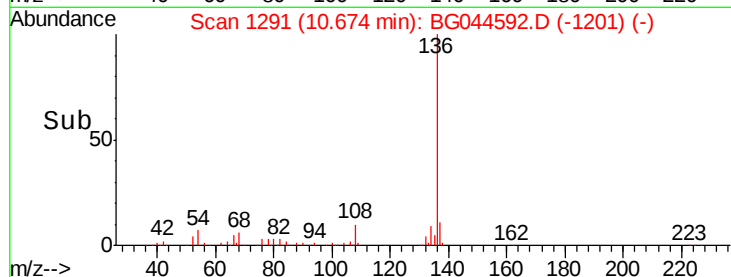
Abundance

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: 43.534 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:105 Resp: 266359

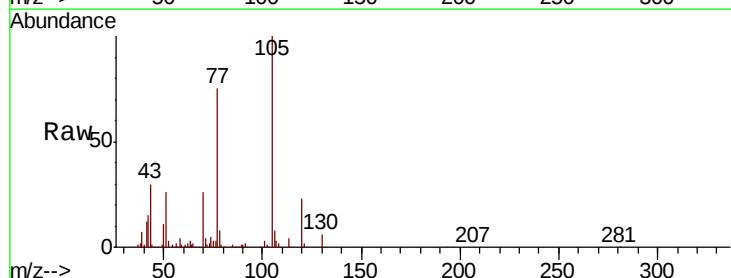
Ion Ratio Lower Upper

105 100

71 4.4 2.8 4.2#

51 25.6 19.9 29.9

120 23.4 18.6 28.0



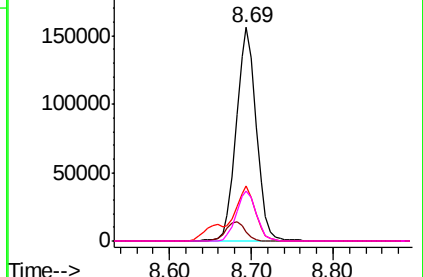
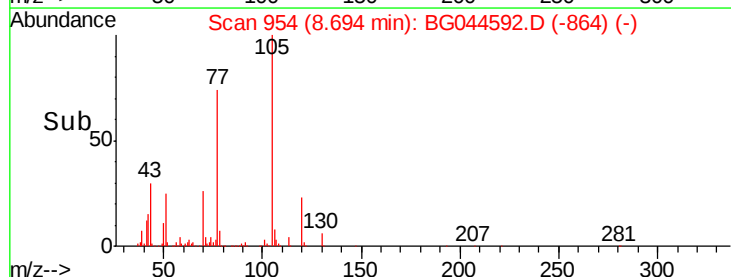
Abundance

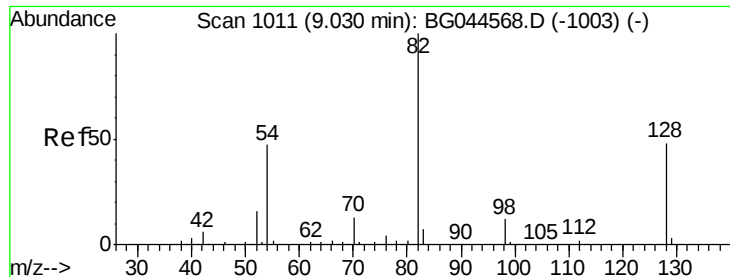
Ion 105.00 (104.70 to 105.70): E

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

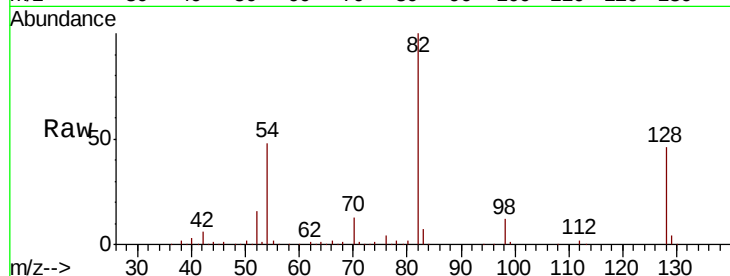




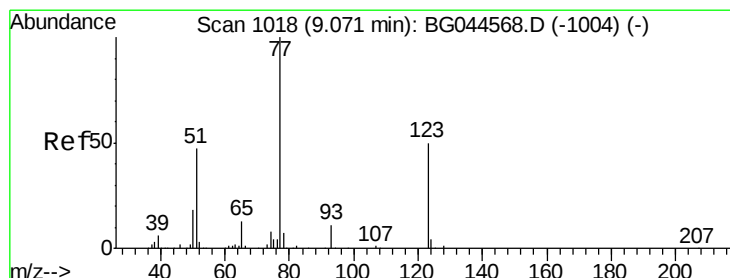
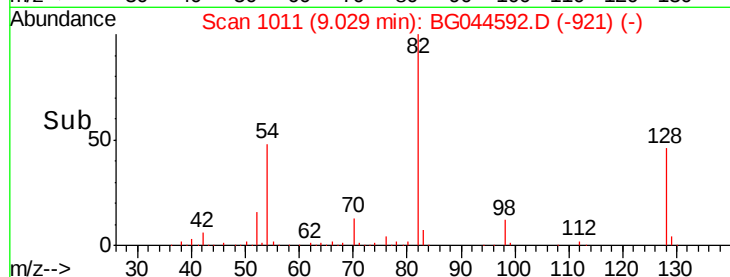
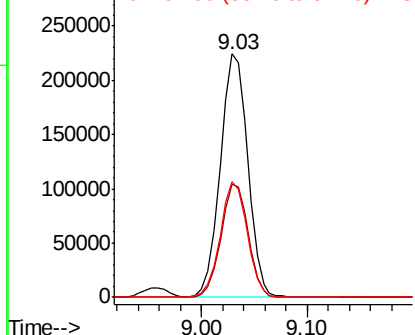
#23
 Nitrobenzene-d5
 Concen: 85.503 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	404455
Ion Ratio	100	Lower	Upper
128	46.2	38.1	57.1
54	47.7	37.5	56.3

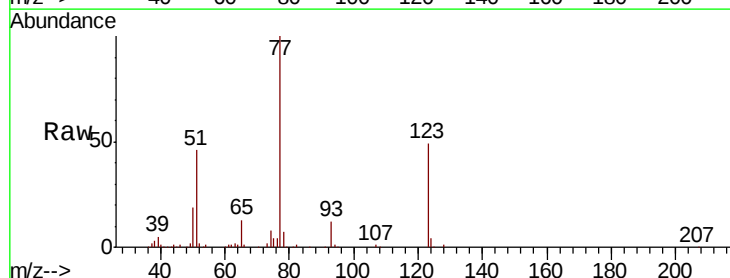


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

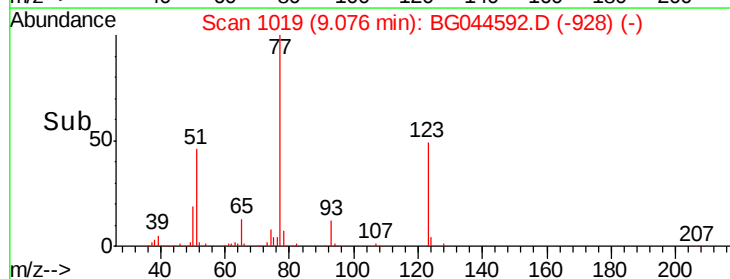
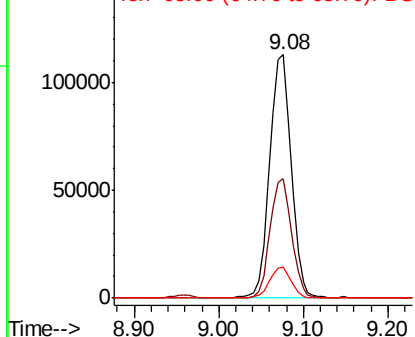


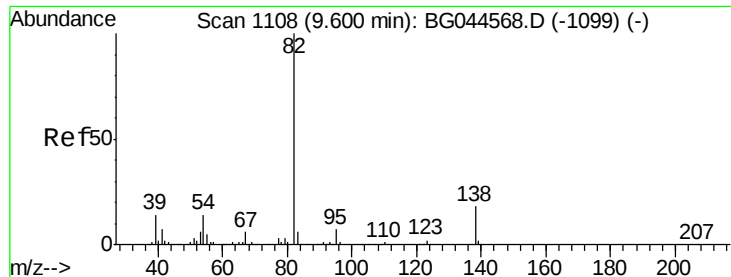
#24
 Nitrobenzene
 Concen: 43.543 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	77	Resp	199551
Ion Ratio	100	Lower	Upper
123	49.3	40.1	60.1
65	12.5	10.4	15.6



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





#25

Isophorone

Concen: 43.981 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

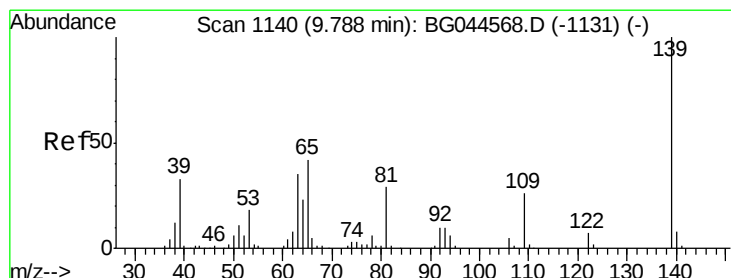
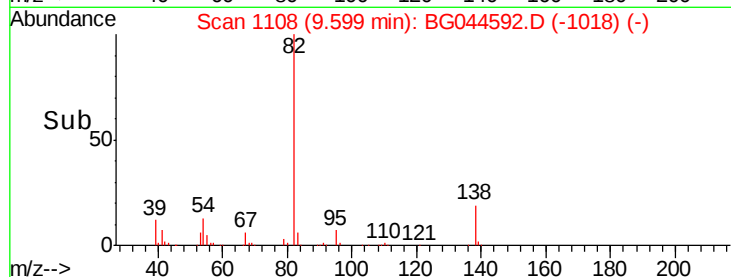
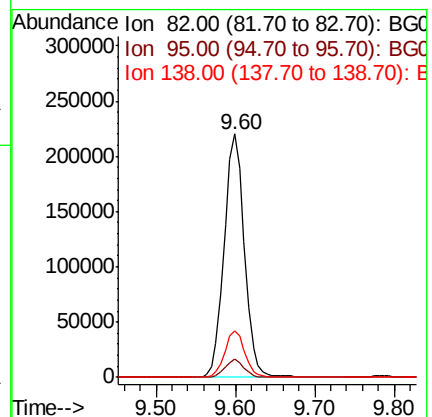
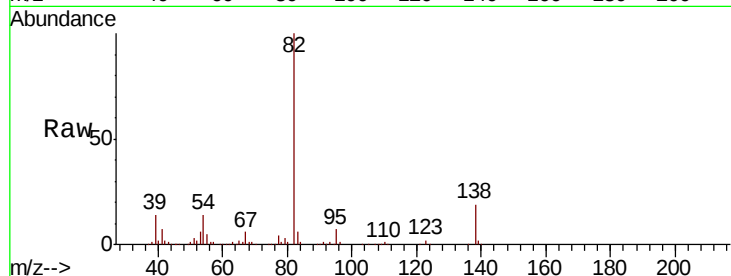
Tot Ion: 82 Resp: 389193

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

138 19.0 14.7 22.1



#26

2-Nitrophenol

Concen: 44.106 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

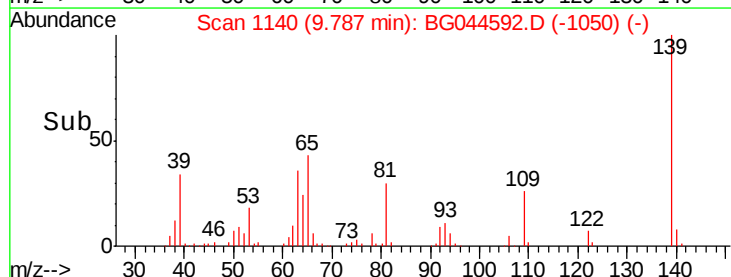
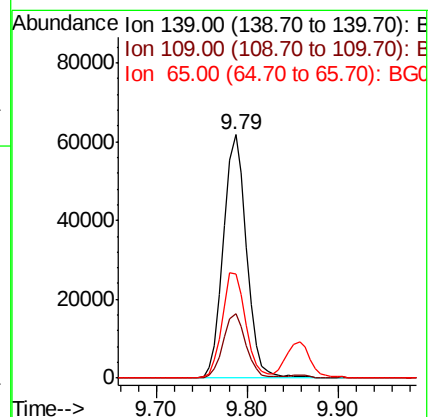
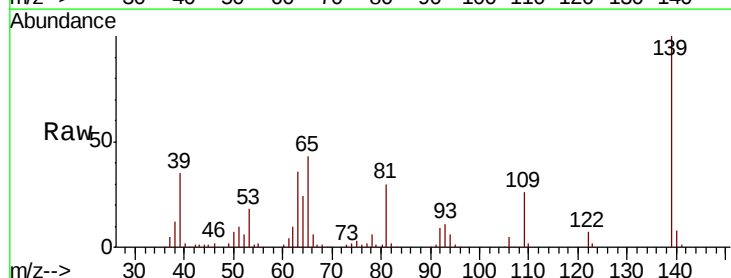
Tgt Ion: 139 Resp: 109621

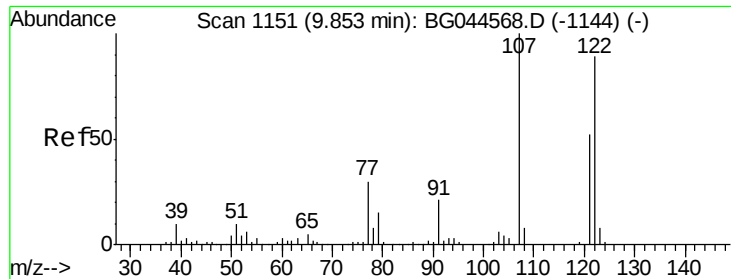
Ion Ratio Lower Upper

139 100

109 26.4 20.6 31.0

65 42.8 33.3 49.9

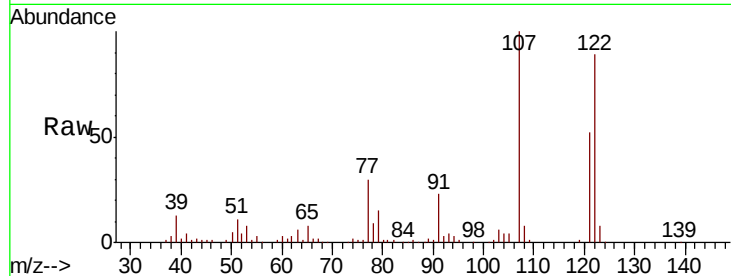




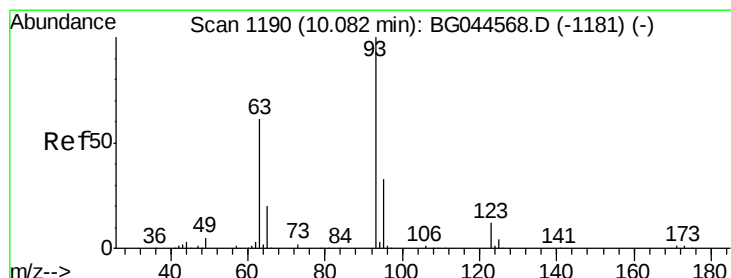
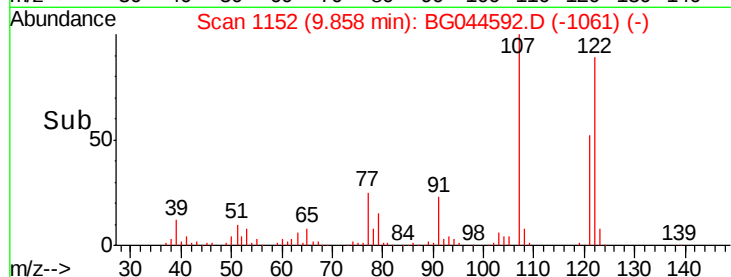
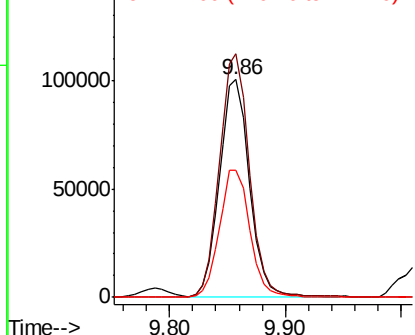
#27
2,4-Dimethylphenol
Concen: 51.601 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleID :

Tot Ion:122 Resp: 180072
Ion Ratio Lower Upper
122 100
107 112.0 89.4 134.0
121 58.6 46.5 69.7

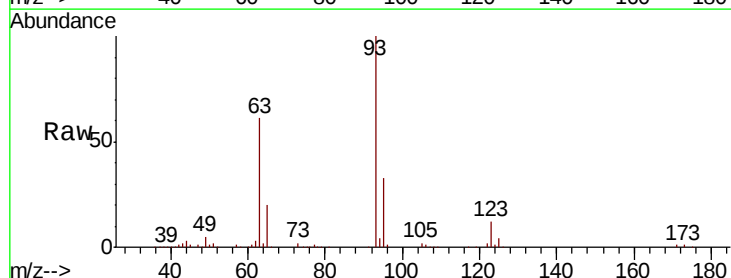


Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

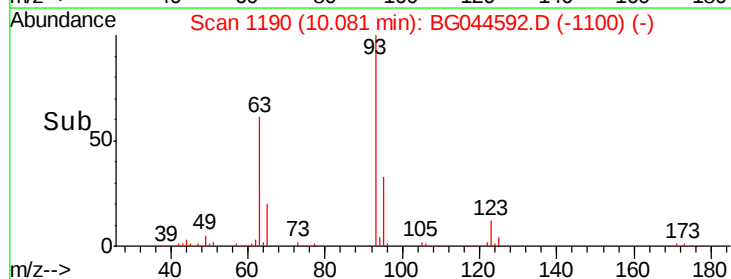
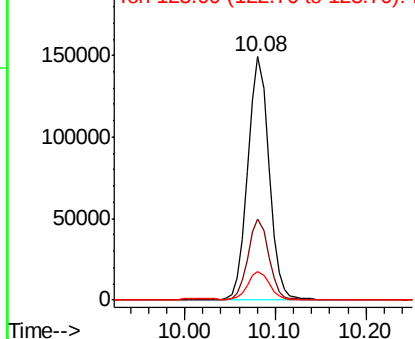


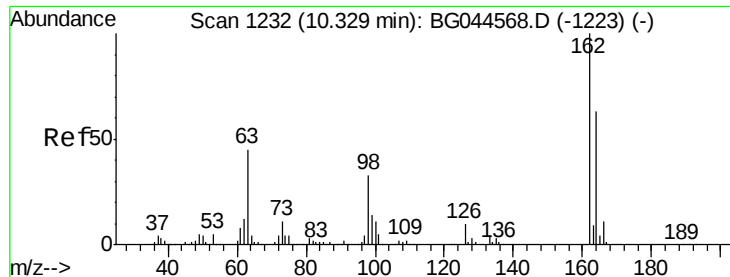
#28
bis(2-Chloroethoxy)methane
Concen: 41.544 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion: 93 Resp: 243112
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 11.9 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
200000 Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

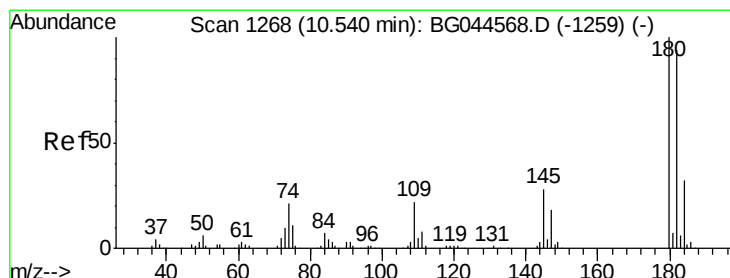
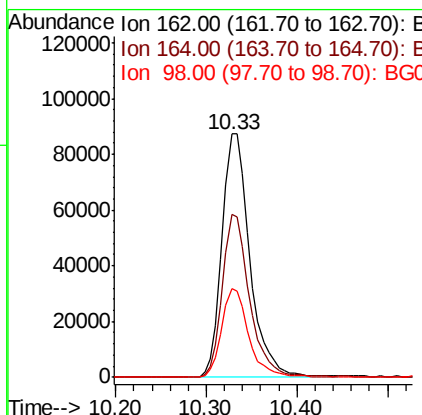
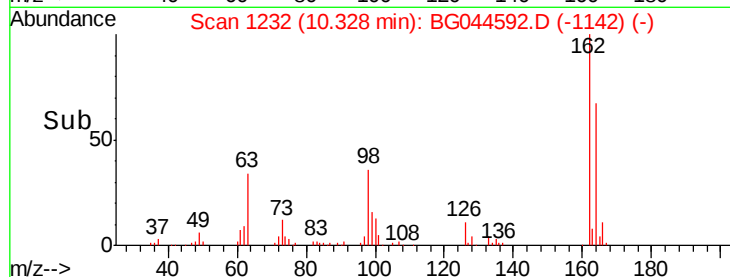
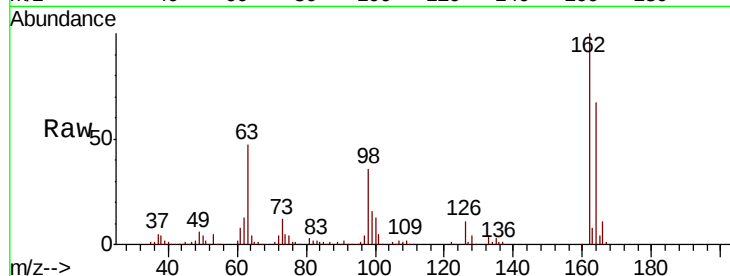




#29
 2,4-Dichlorophenol
 Concen: 45.029 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

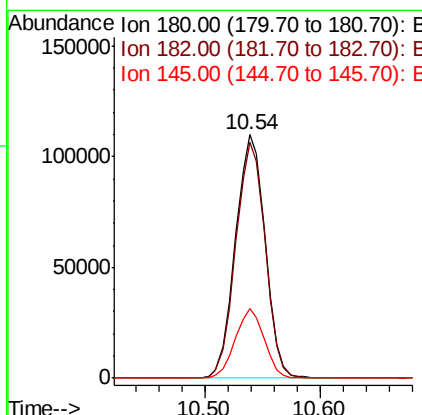
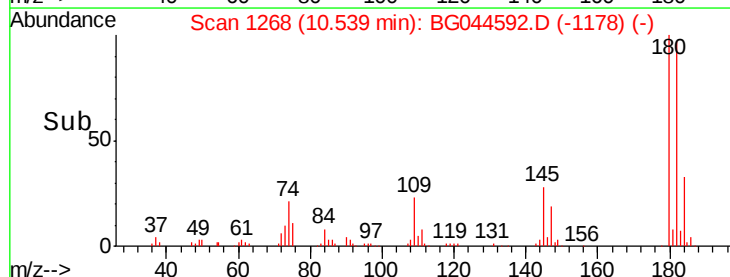
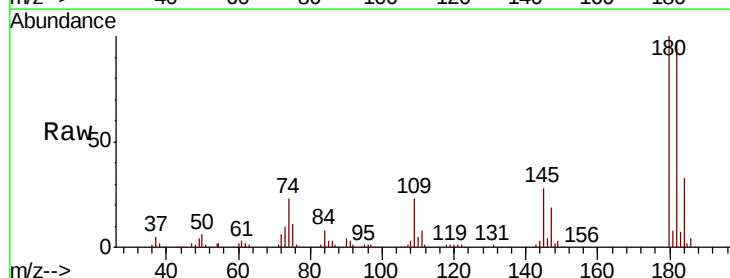
Instrument :
 BNA_G
 ClientSampled :

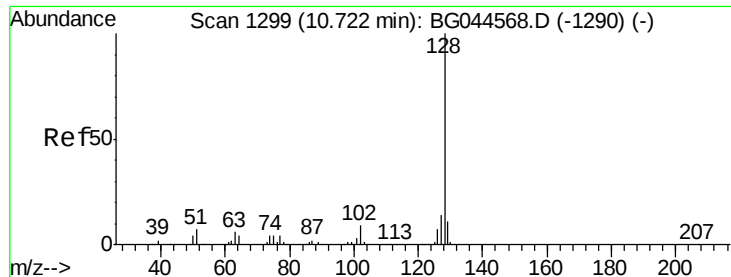
Tot Ion	162	Resp	187864
Ion Ratio	100	Lower	Upper
162	100		
164	67.0	43.2	83.2
98	36.5	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.417 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	180	Resp	195012
Ion Ratio	100	Lower	Upper
180	100		
182	96.8	75.6	113.4
145	28.5	22.2	33.2

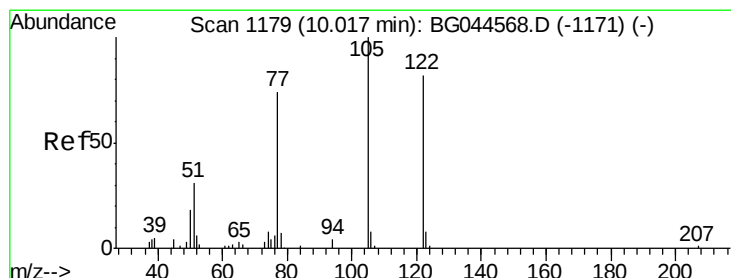
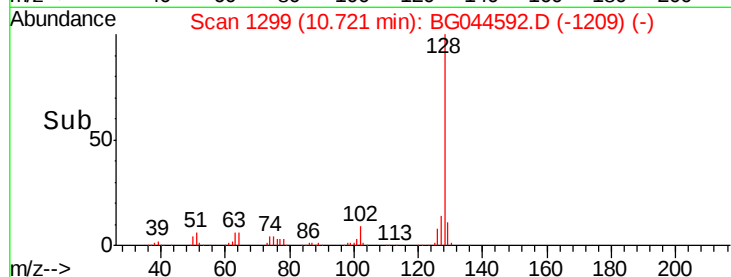
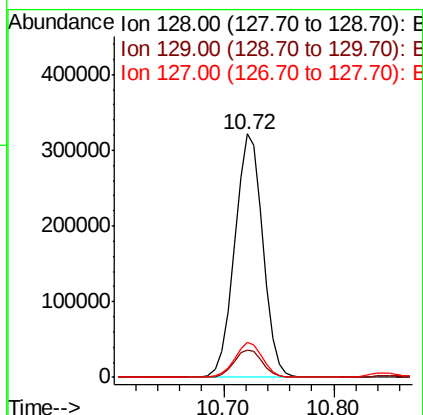
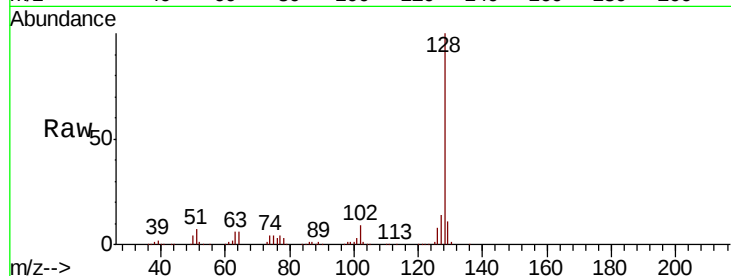




#31
Naphthalene
Concen: 43.171 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

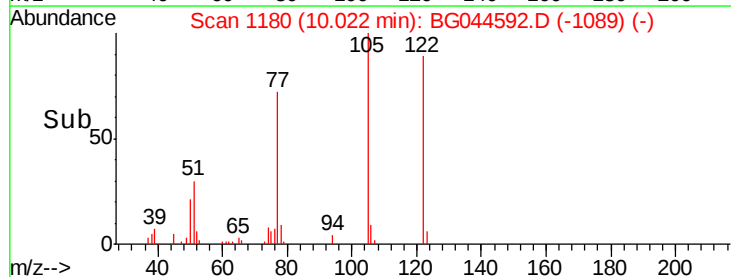
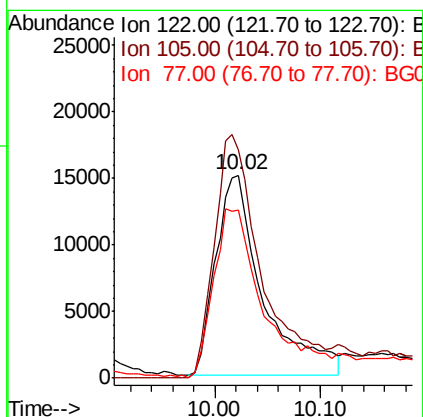
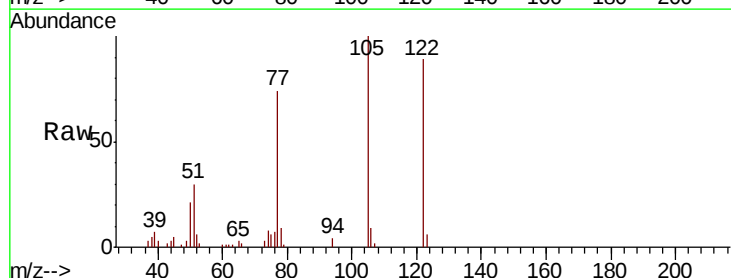
Instrument :
BNA_G
ClientSampleId :

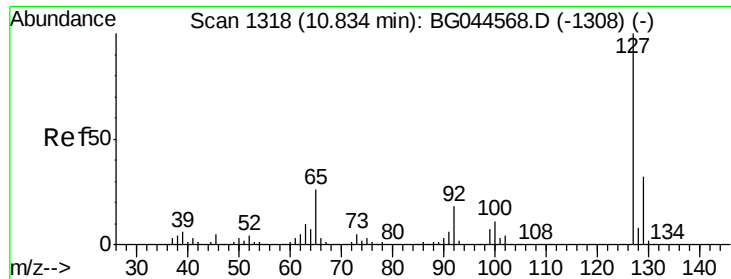
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.0	16.4



#32
Benzoic acid
Concen: 41.412 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.4	101.4	141.4
77	82.9	69.8	109.8

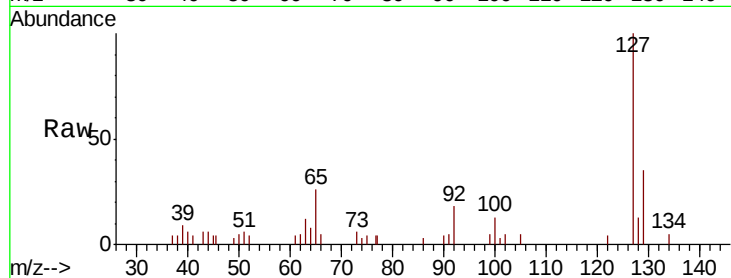




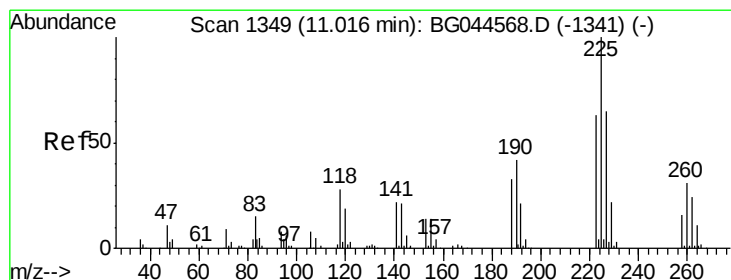
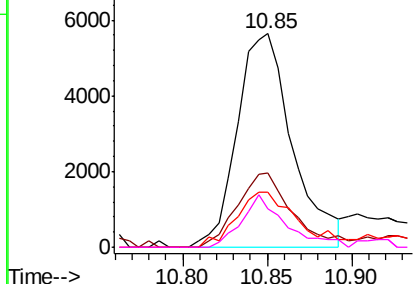
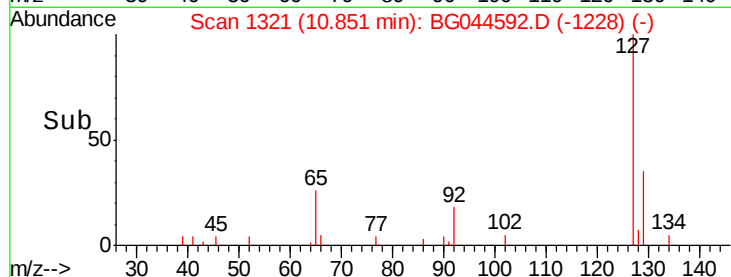
#33
4-Chloroaniline
Concen: 2.190 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	12826
Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.9	38.9
65	26.1	20.7	31.1
92	18.1	14.2	21.2

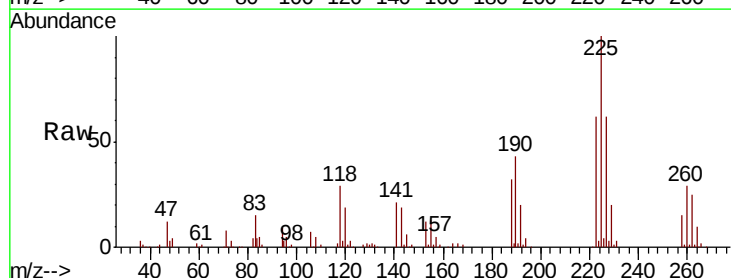


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

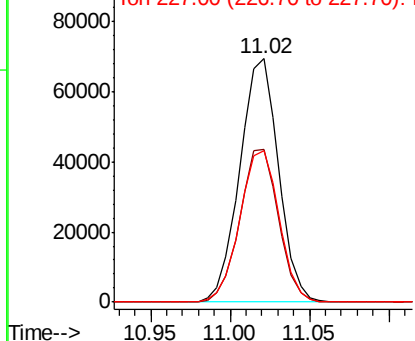
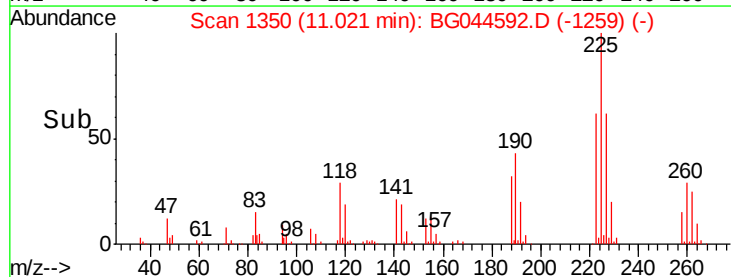


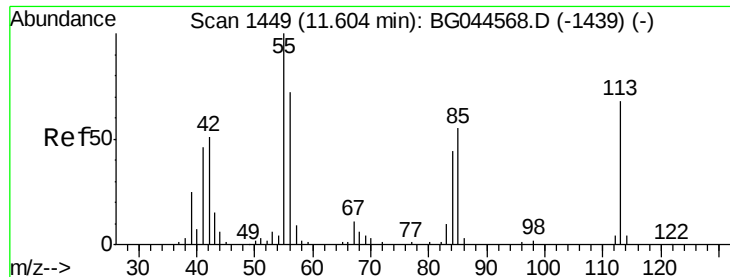
#34
Hexachlorobutadiene
Concen: 38.871 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:	225	Resp:	117785
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.1	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: 18.268 ng

RT: 11.61 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampled :

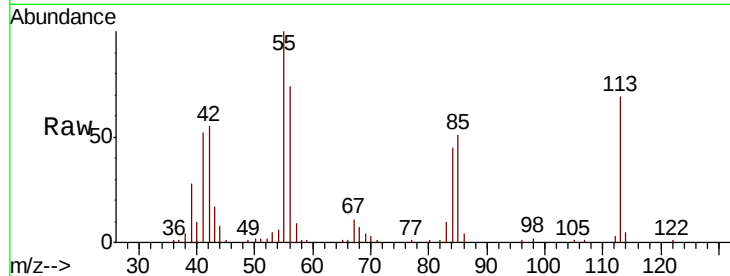
Tot Ion:113 Resp: 27285

Ion Ratio Lower Upper

113 100

55 144.3 127.8 167.8

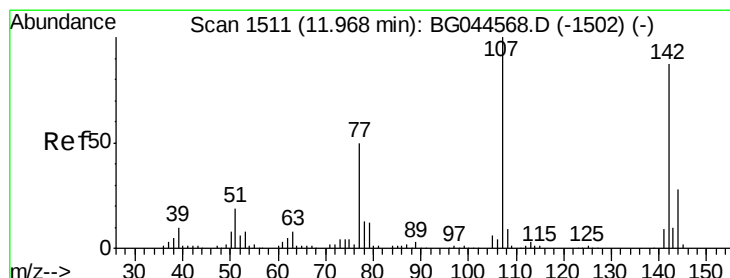
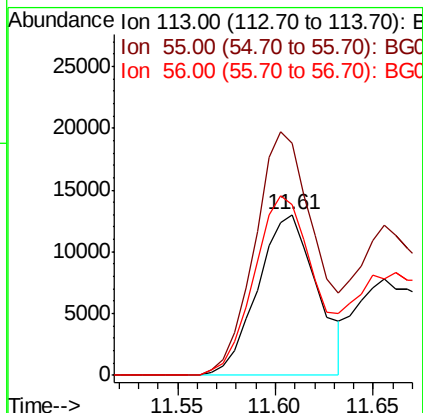
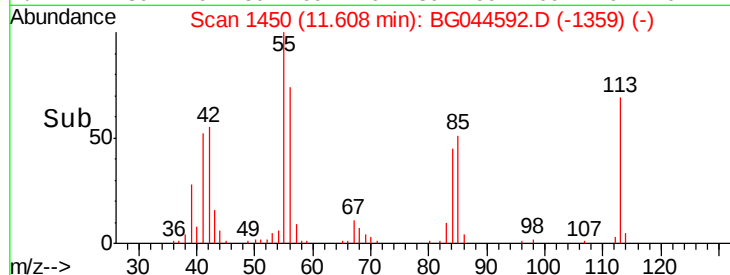
56 106.6 86.9 126.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.652 ng

RT: 11.97 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

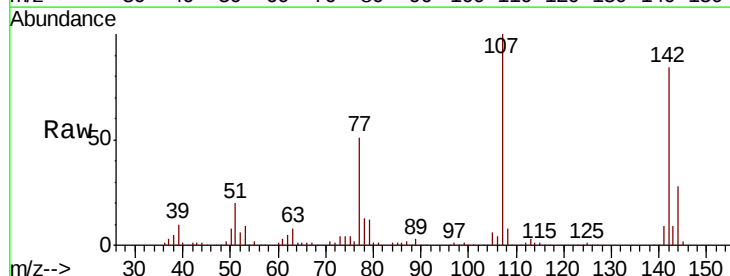
Tgt Ion:107 Resp: 204644

Ion Ratio Lower Upper

107 100

144 28.2 22.3 33.5

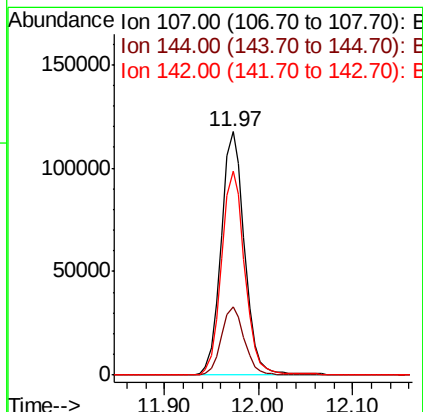
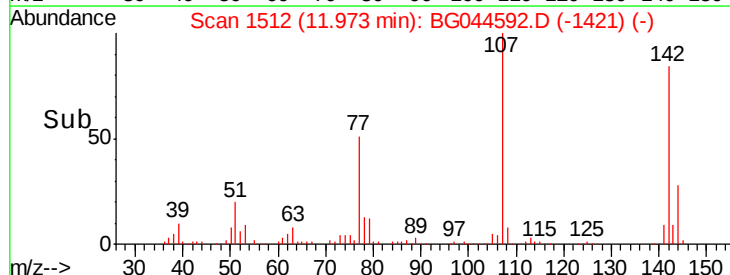
142 83.7 69.3 103.9

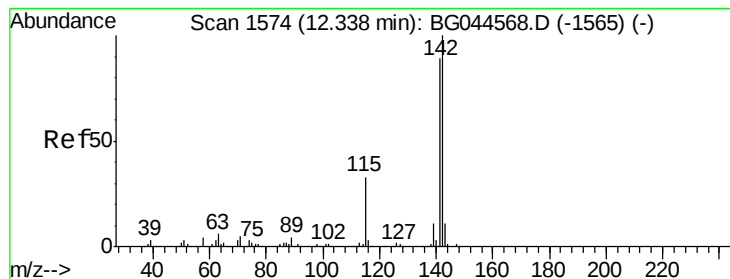


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.456 ng

RT: 12.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

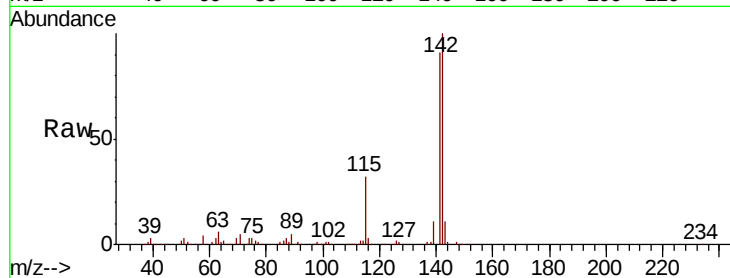
Tot Ion:142 Resp: 427078

Ion Ratio Lower Upper

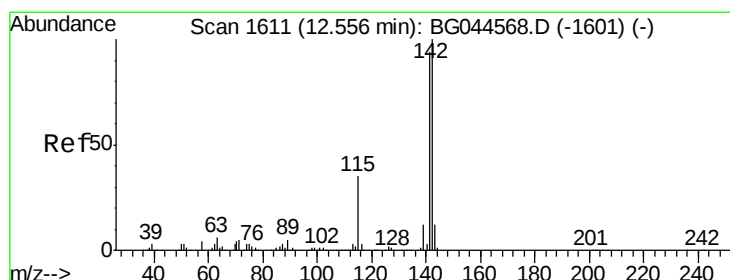
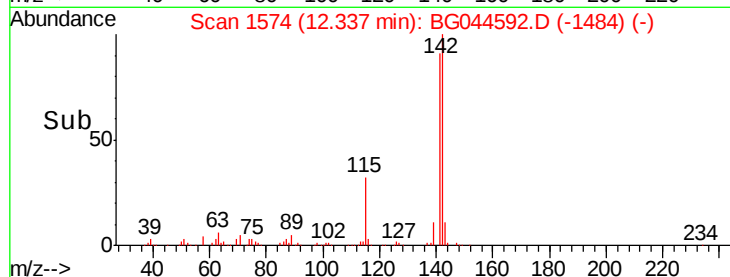
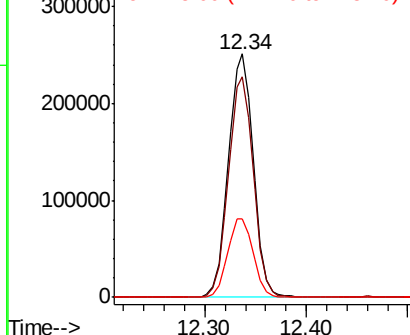
142 100

141 90.7 71.3 106.9

115 32.4 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: 43.496 ng

RT: 12.55 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

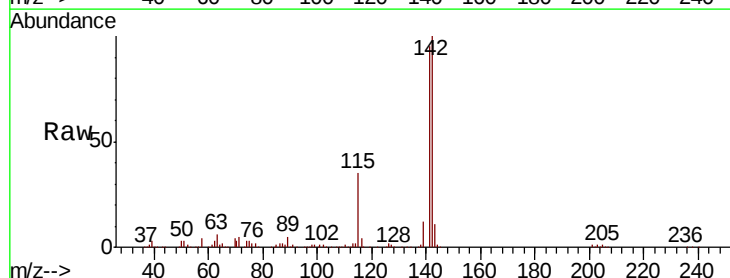
Tgt Ion:142 Resp: 406180

Ion Ratio Lower Upper

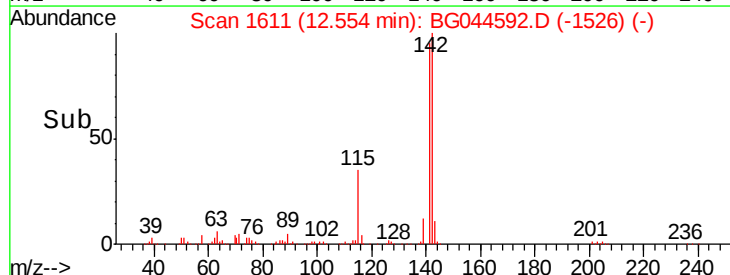
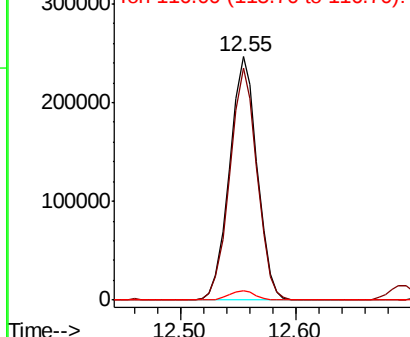
142 100

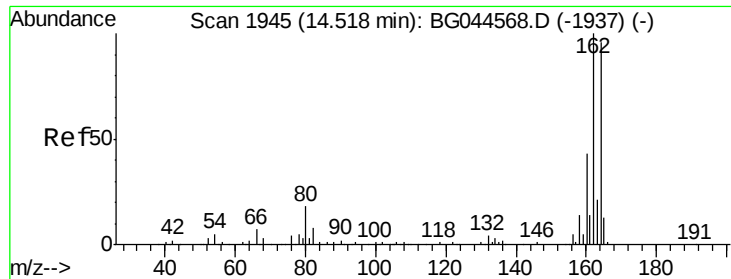
141 95.1 75.1 112.7

116 3.8 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: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampled :

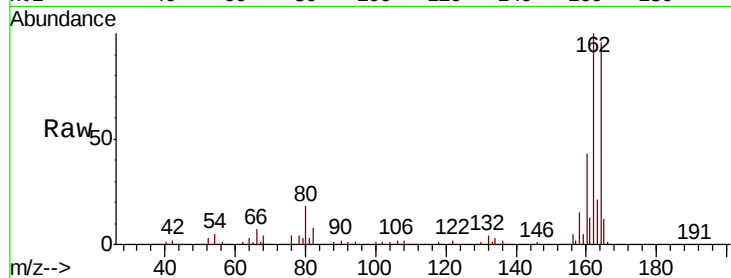
Tot Ion:164 Resp: 163513

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

160 44.8 36.2 54.4

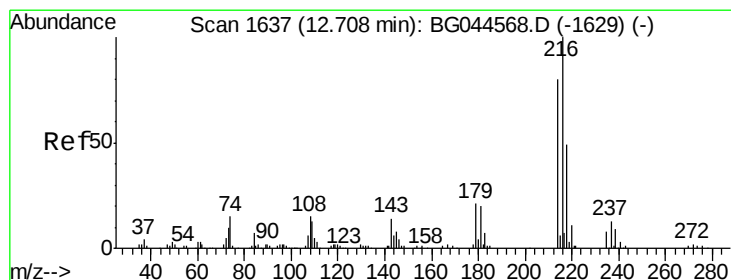
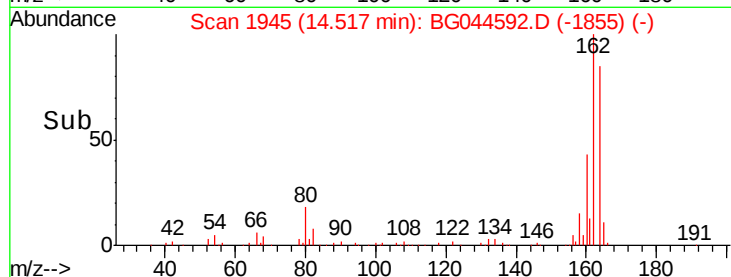
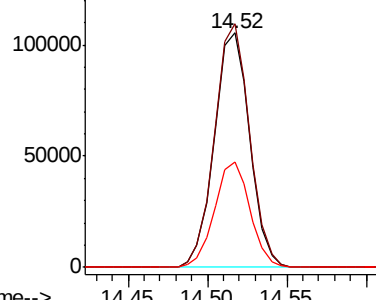


Abundance

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: 39.340 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Tgt Ion:216 Resp: 216555

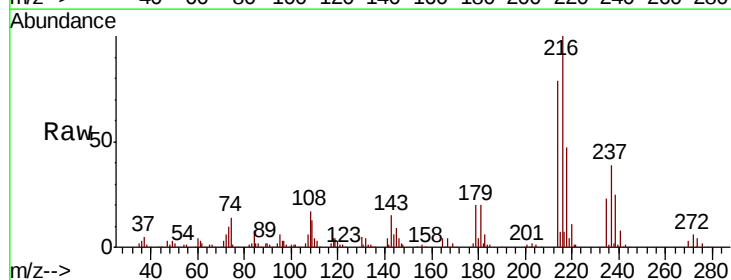
Ion Ratio Lower Upper

216 100

214 79.4 63.3 94.9

179 19.9 16.2 24.2

108 17.8 12.6 18.8



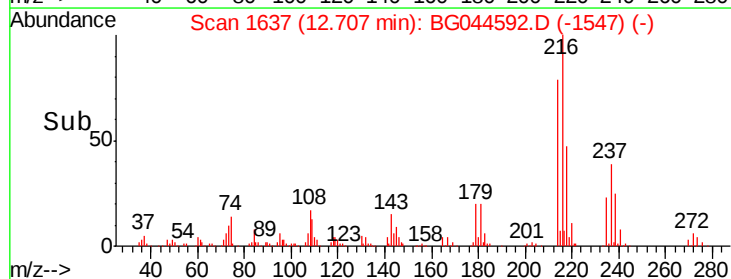
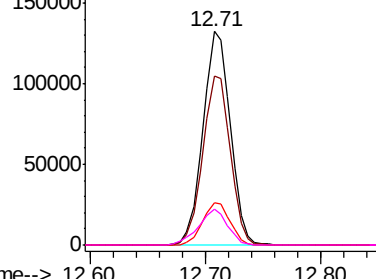
Abundance

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: 80.755 ng

RT: 12.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

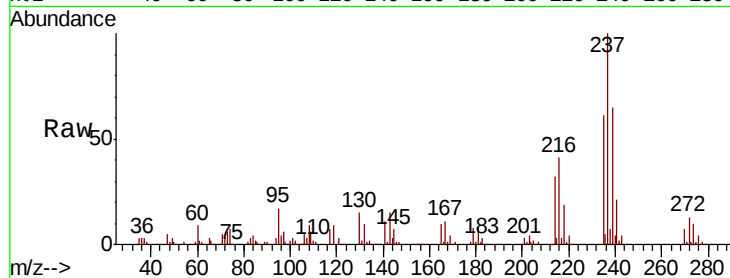
Tot Ion:237 Resp: 212112

Ion Ratio Lower Upper

237 100

235 60.7 40.7 80.7

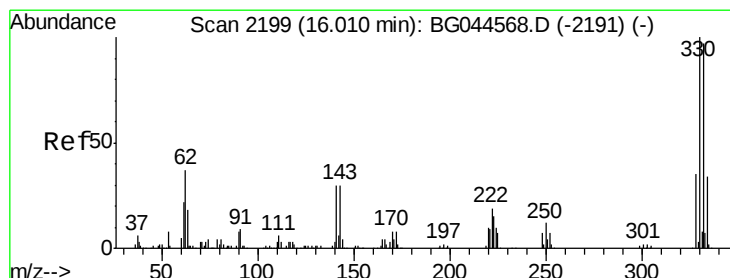
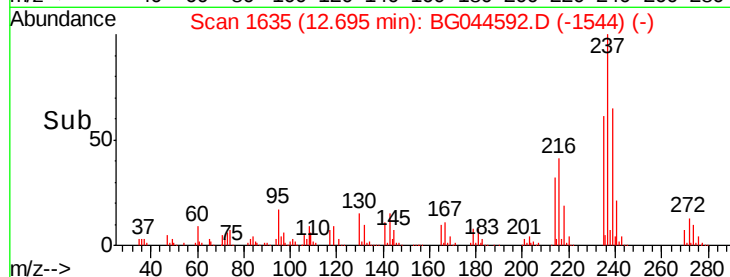
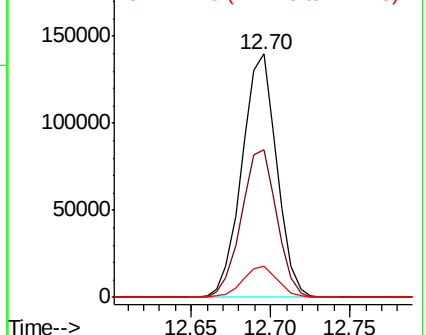
272 12.9 0.0 32.7



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: 131.014 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

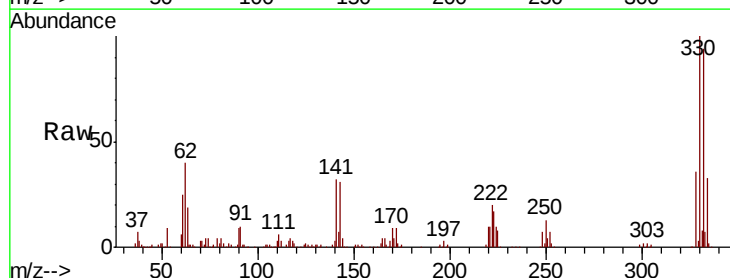
Tgt Ion:330 Resp: 303755

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

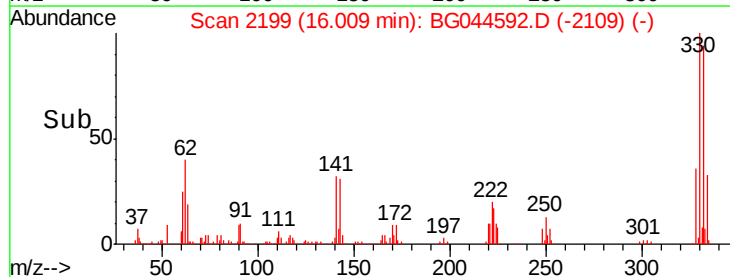
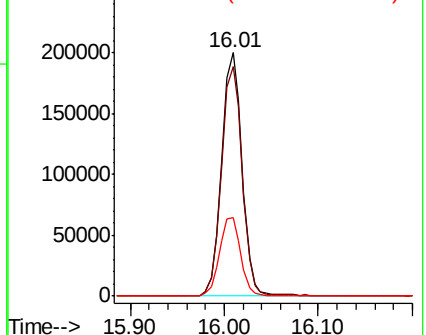
141 33.4 26.1 39.1

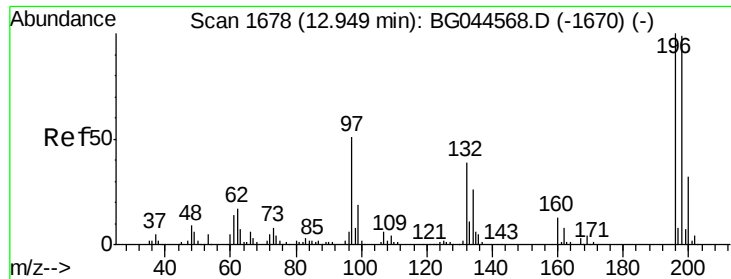


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

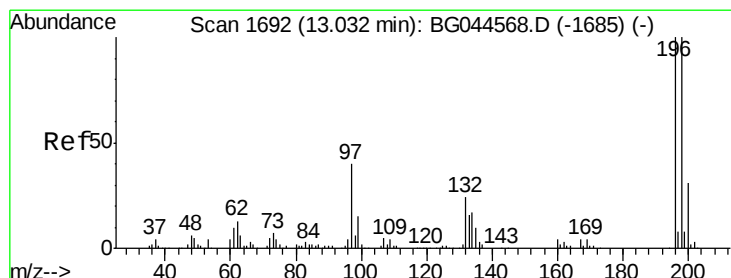
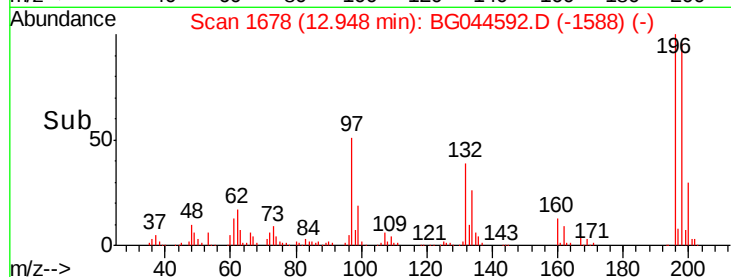
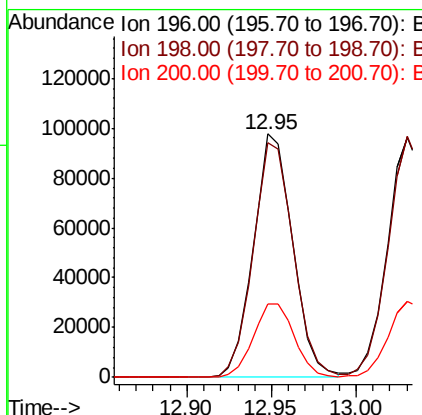
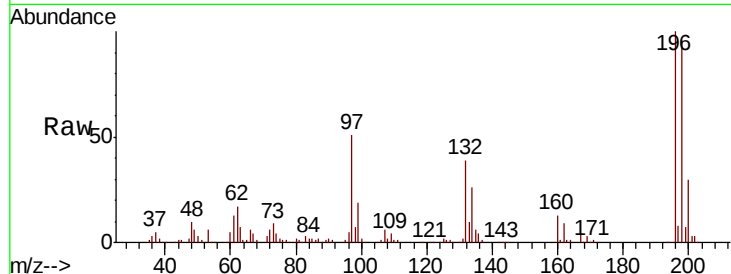




#43
 2,4,6-Trichlorophenol
 Concen: 44.177 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

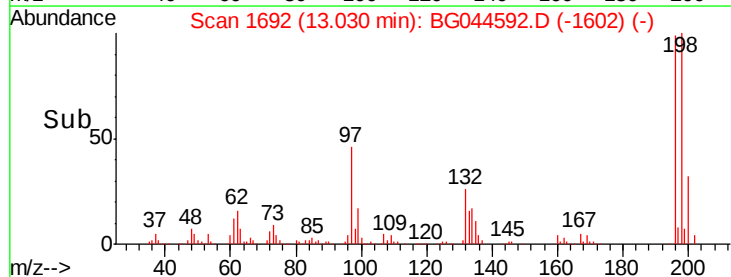
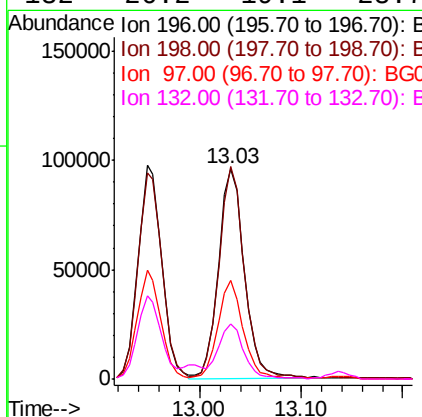
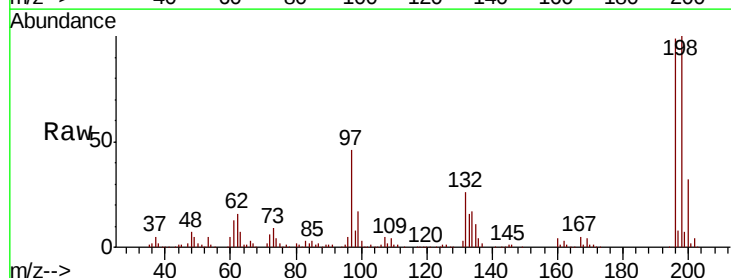
Instrument :
 BNA_G
 ClientSampleId :

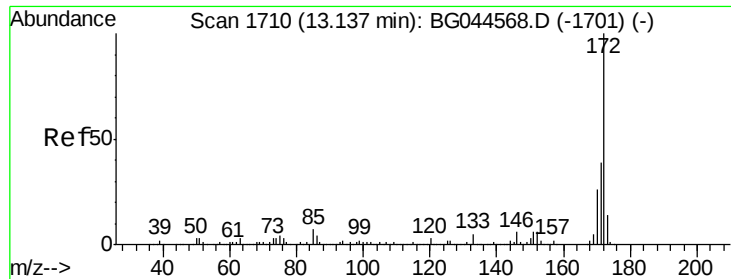
Tot Ion:	196	Resp:	157899
Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.2	118.8
200	30.2	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.437 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion:	196	Resp:	170500
Ion	Ratio	Lower	Upper
196	100		
198	100.7	79.3	118.9
97	46.6	32.3	48.5
132	26.2	19.1	28.7

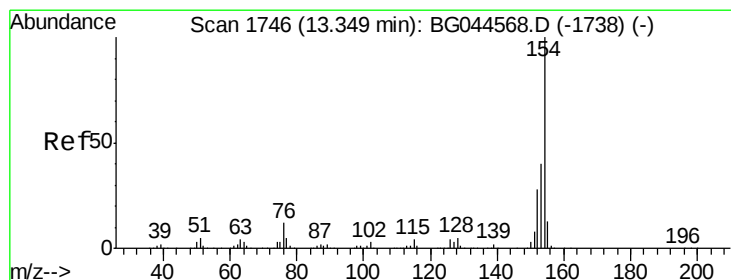
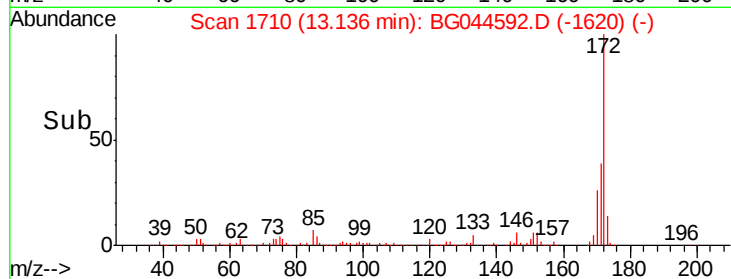
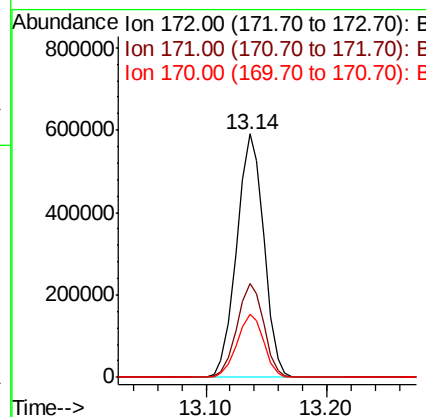
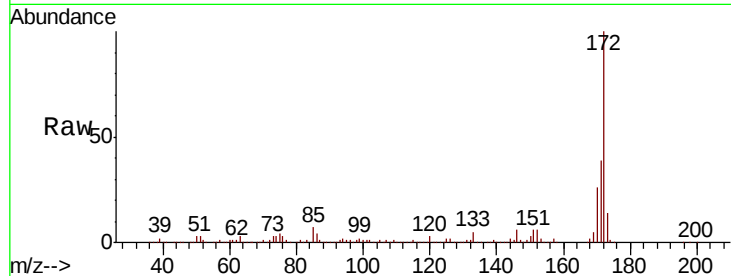




#45
 2-Fluorobiphenyl
 Concen: 81.069 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

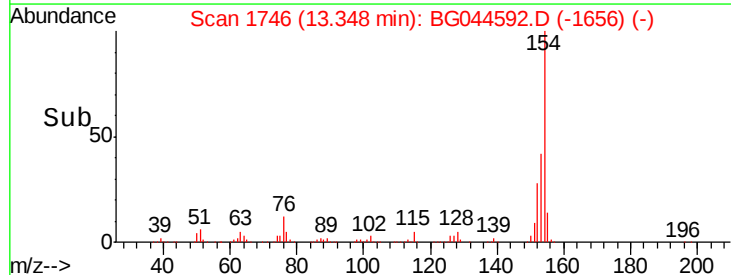
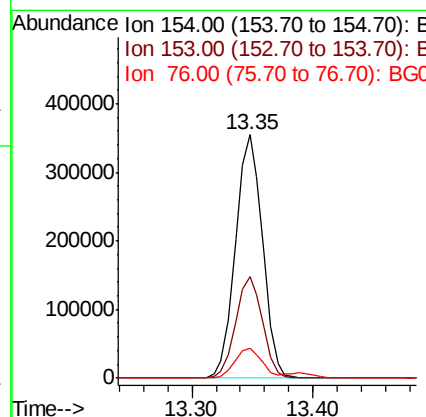
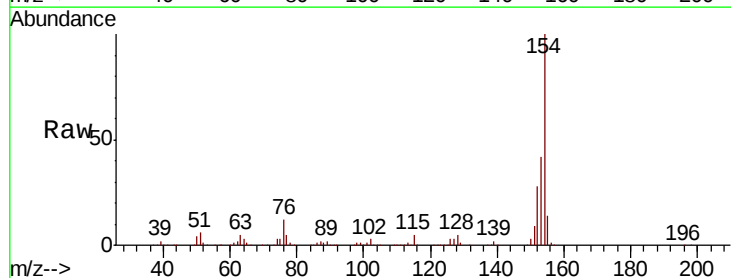
Instrument :
 BNA_G
 ClientSampleId :

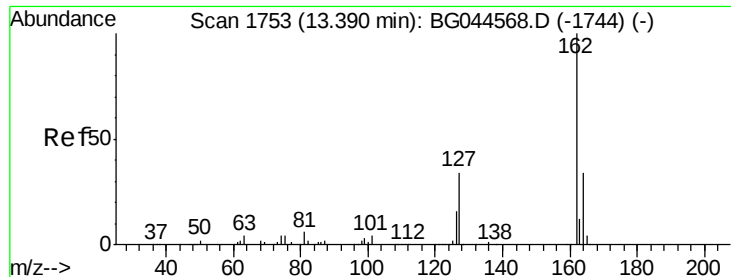
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.9	21.0	31.4



#46
 1,1'-Biphenyl
 Concen: 40.652 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	12.3	0.0	31.8

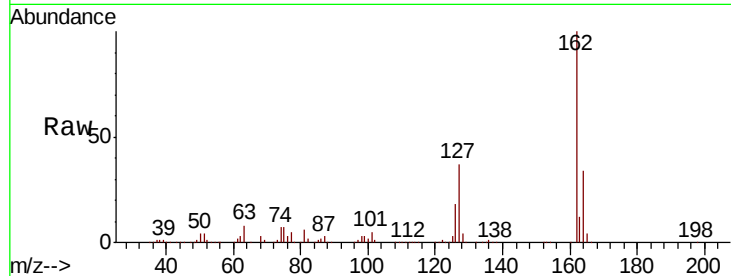




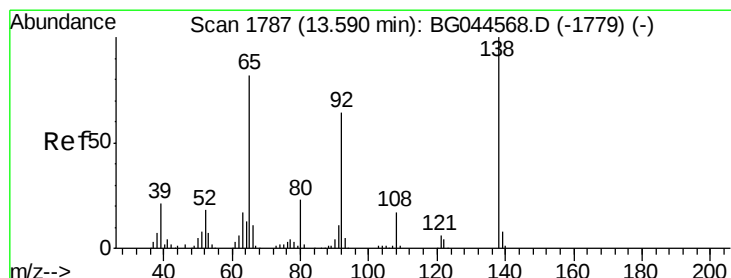
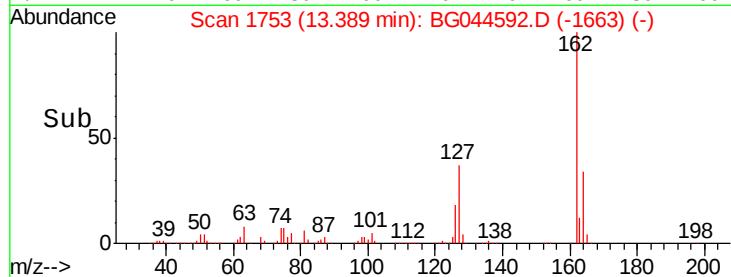
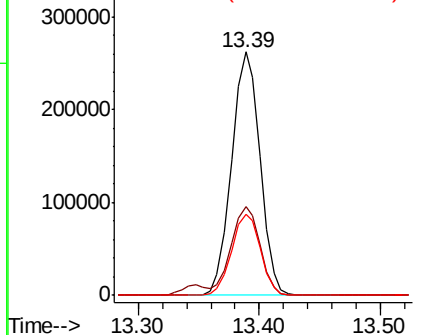
#47
 2-Chloronaphthalene
 Concen: 40.489 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.7	43.1
164	33.5	27.3	40.9

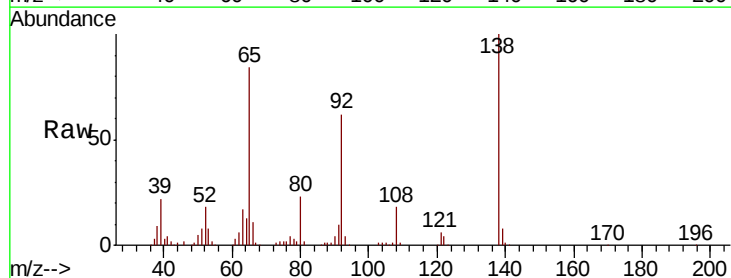


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

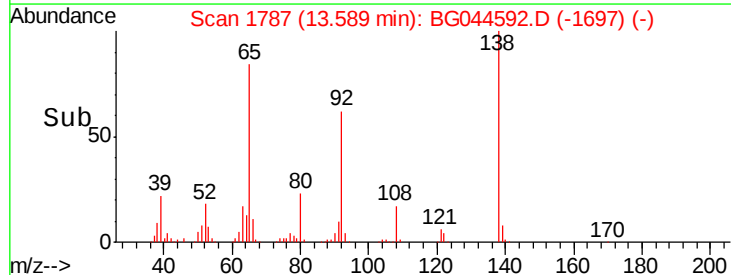
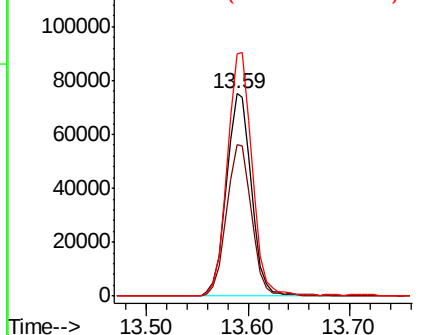


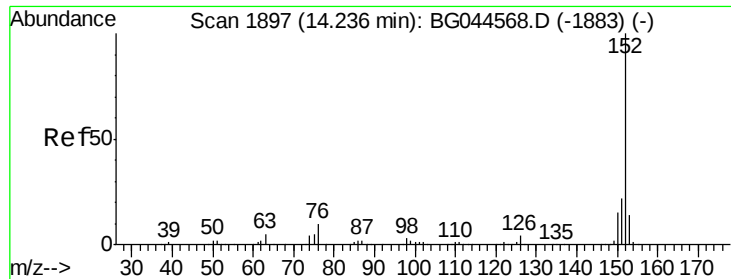
#48
 2-Nitroaniline
 Concen: 43.647 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	62.2	93.2
138	119.5	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: 44.095 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

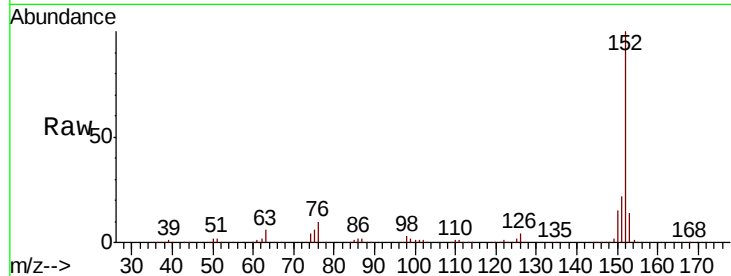
Tot Ion:152 Resp: 690653

Ion Ratio Lower Upper

152 100

151 22.5 17.7 26.5

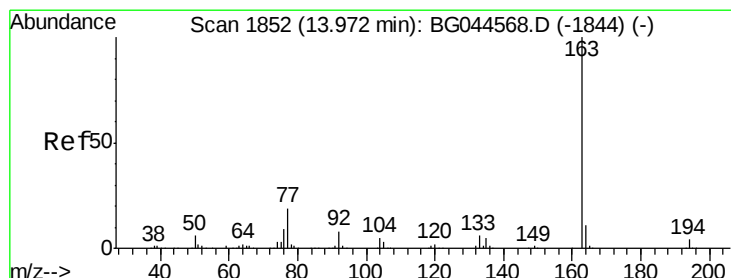
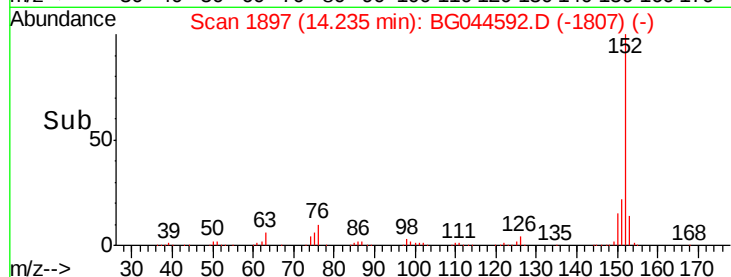
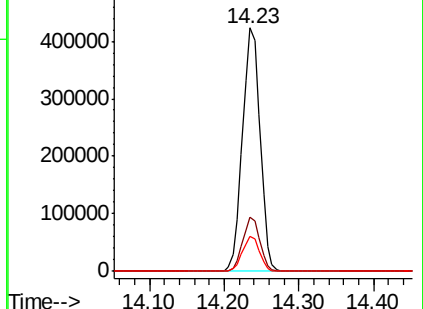
153 14.5 11.3 16.9



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: 44.446 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

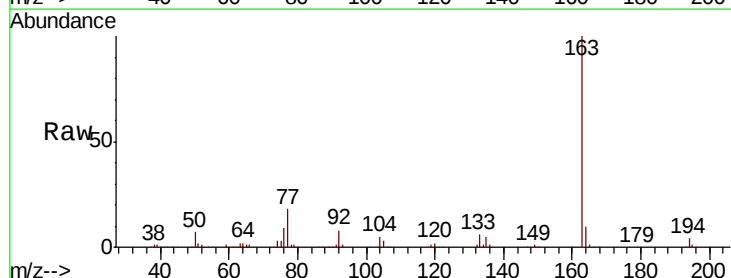
Tgt Ion:163 Resp: 586580

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

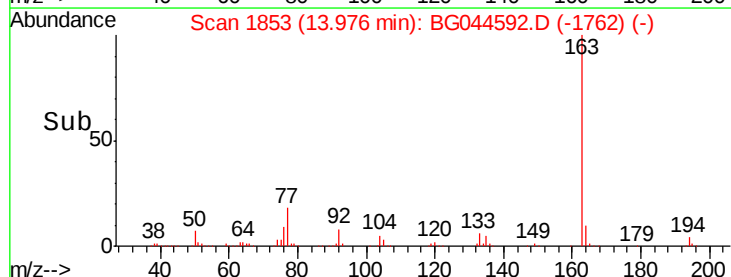
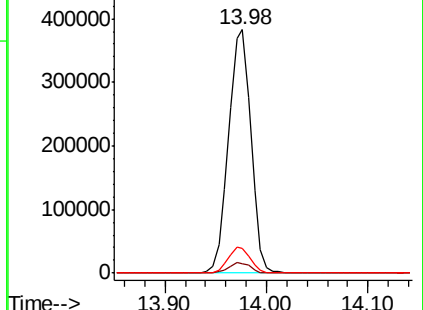
164 10.2 8.7 13.1

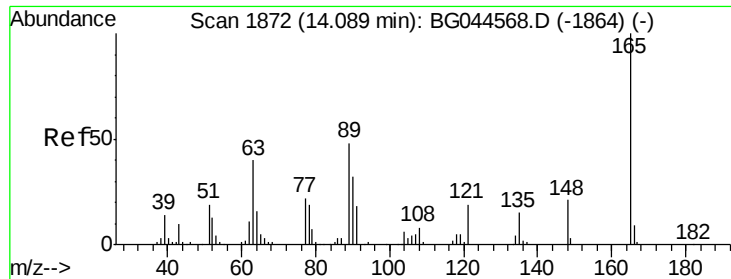


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.902 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

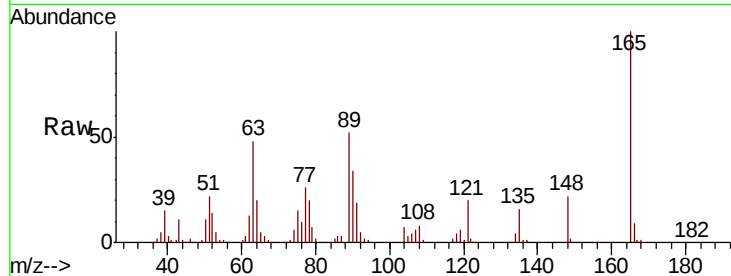
Tot Ion:165 Resp: 133607

Ion Ratio Lower Upper

165 100

63 47.9 35.8 53.6

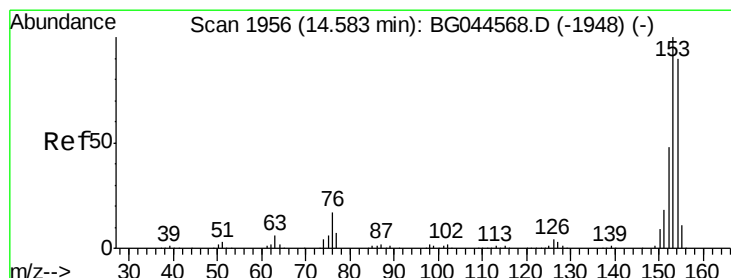
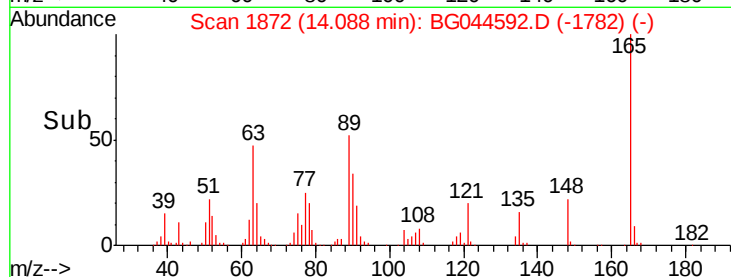
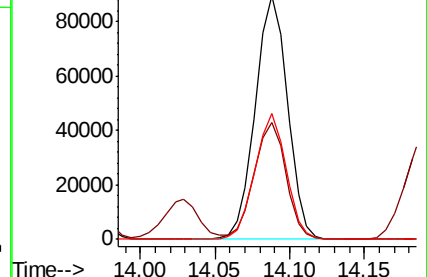
89 51.5 38.7 58.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.917 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

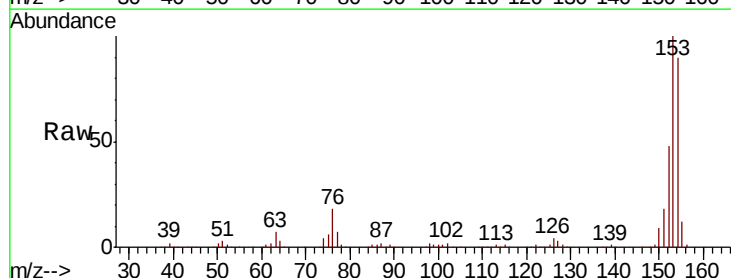
Tgt Ion:154 Resp: 428494

Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.0

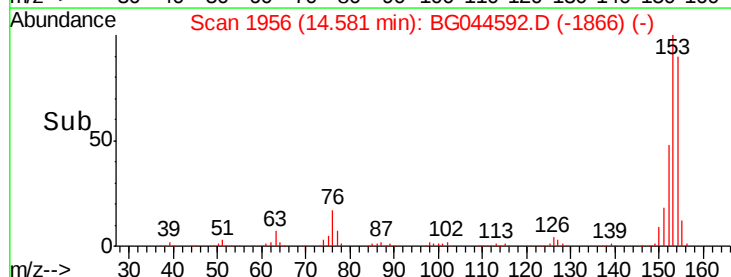
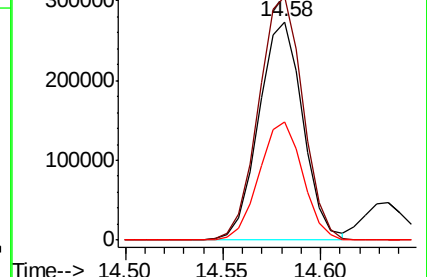
152 54.0 43.0 64.4

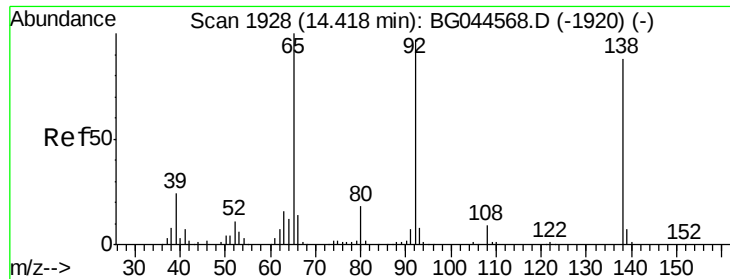


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

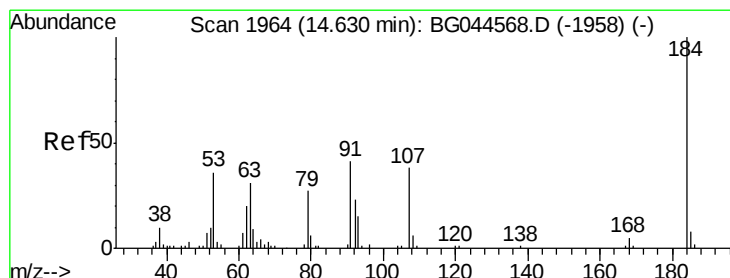
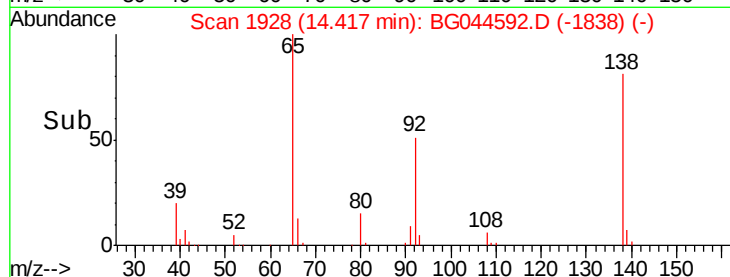
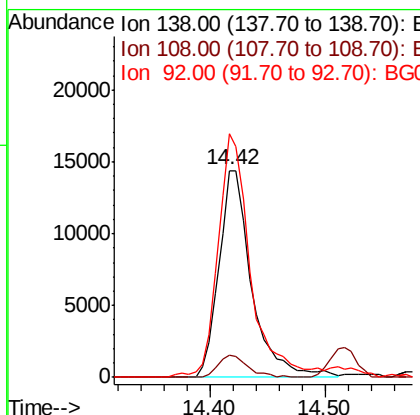
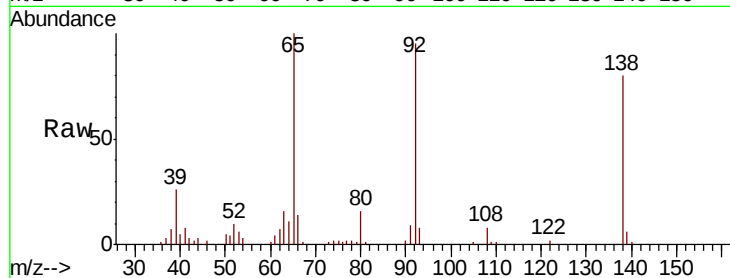




#53
3-Nitroaniline
Concen: 9.017 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

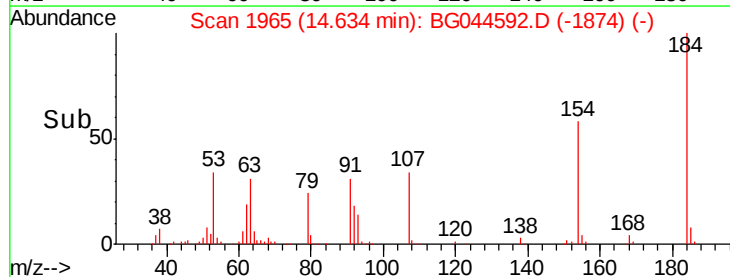
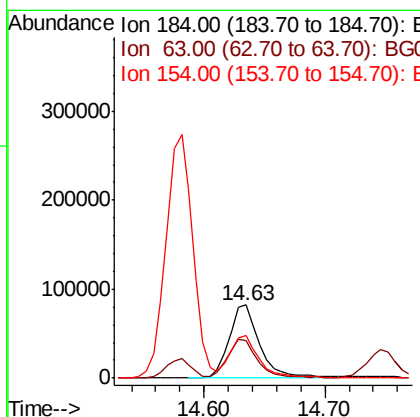
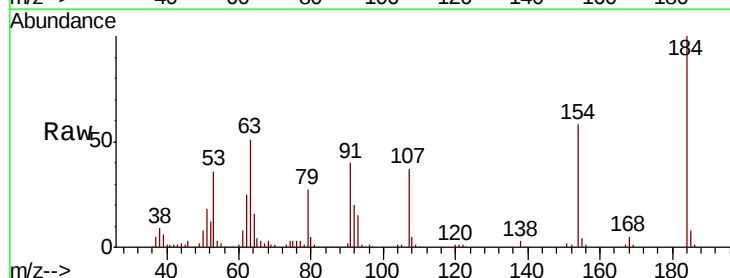
Instrument :
BNA_G
ClientSampleId :

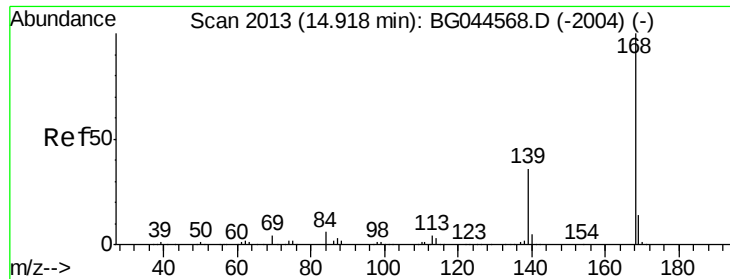
Tot Ion:138 Resp: 28306
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 117.7 87.4 131.2



#54
2,4-Dinitrophenol
Concen: 83.186 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:184 Resp: 144992
Ion Ratio Lower Upper
184 100
63 50.8 42.1 63.1
154 57.8 43.4 65.2

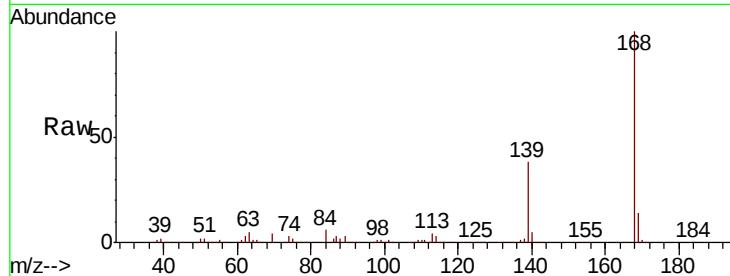




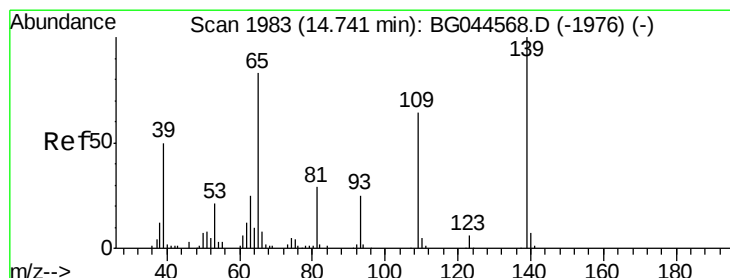
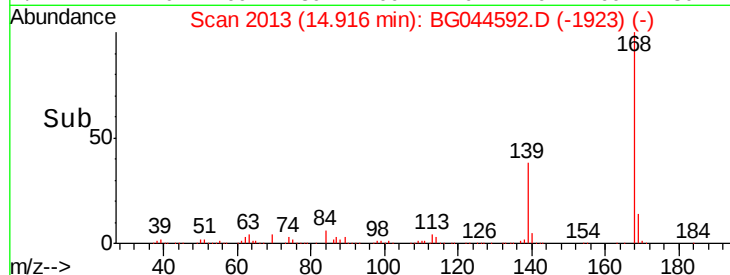
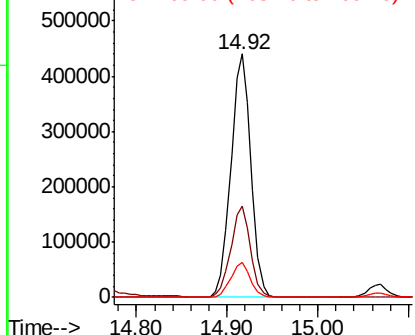
#55
Dibenzofuran
Concen: 44.142 ng
RT: 14.92 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 675654
Ion Ratio Lower Upper
168 100
139 37.6 29.2 43.8
169 14.5 11.0 16.6

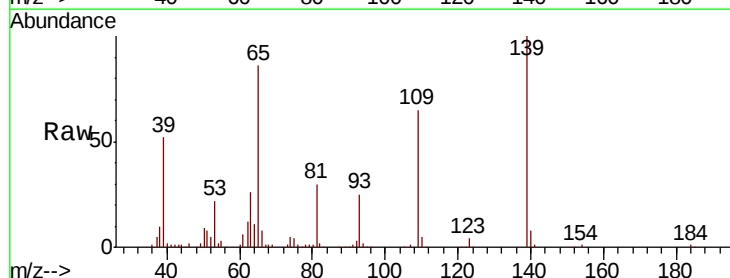


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

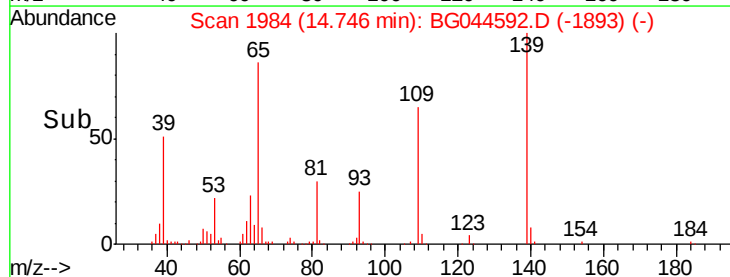
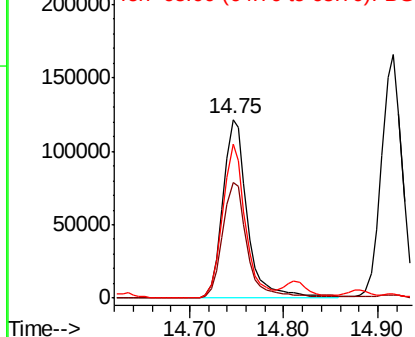


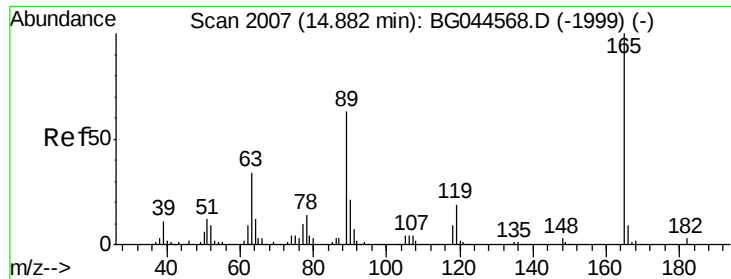
#56
4-Nitrophenol
Concen: 102.990 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:139 Resp: 222387
Ion Ratio Lower Upper
139 100
109 64.8 43.8 83.8
65 86.4 63.6 103.6



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

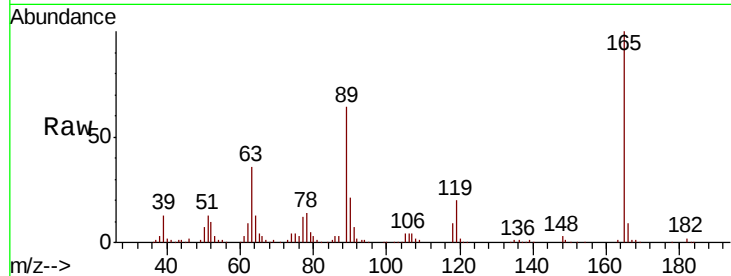




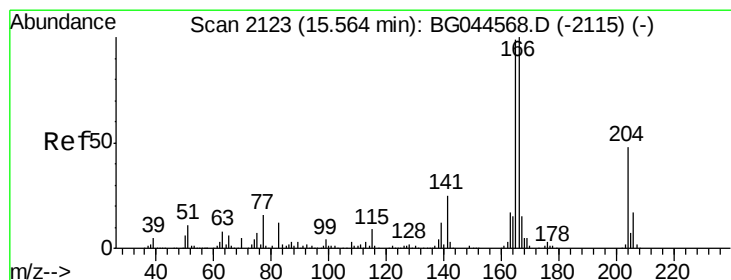
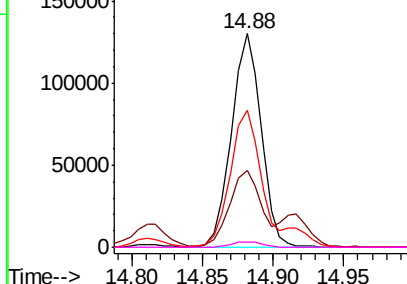
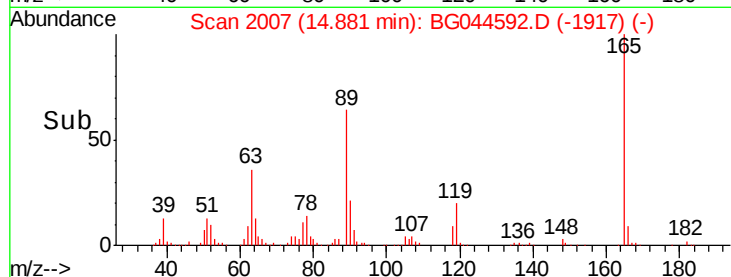
#57
 2,4-Dinitrotoluene
 Concen: 46.404 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	189892
Ion	Ratio	Lower	Upper
165	100		
63	36.0	27.5	41.3
89	64.3	50.0	75.0
182	2.4	2.3	3.5

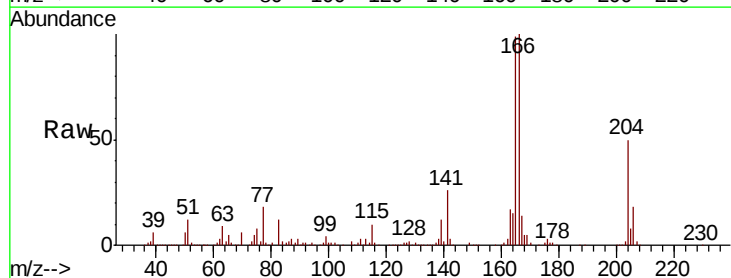


Abundance Ion 165.00 (164.70 to 165.70): E
 200000
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 182.00 (181.70 to 182.70): E

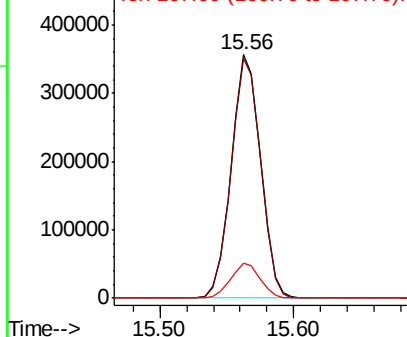
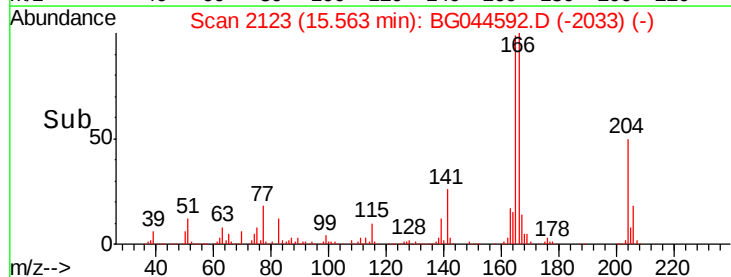


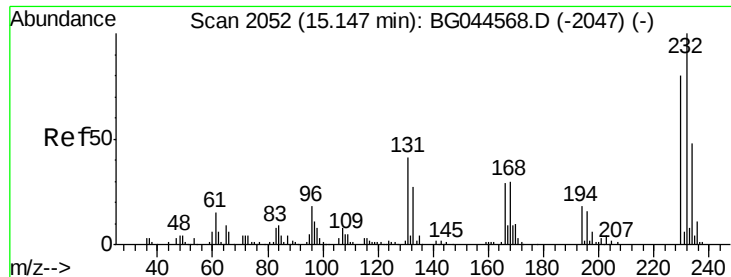
#58
 Fluorene
 Concen: 44.900 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion:	166	Resp:	544912
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	14.3	11.7	17.5



Abundance Ion 166.00 (165.70 to 166.70): E
 400000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

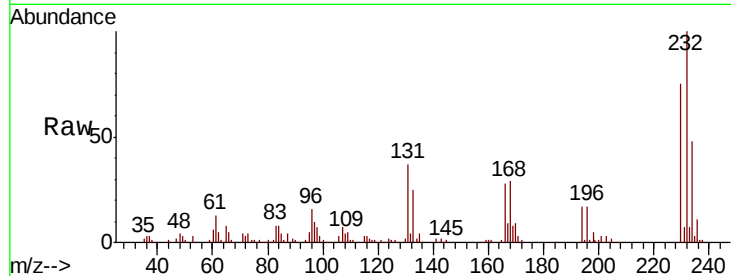




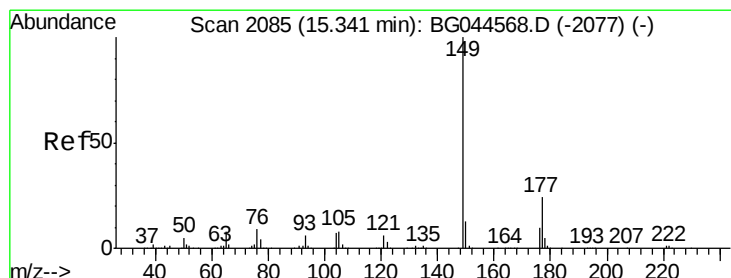
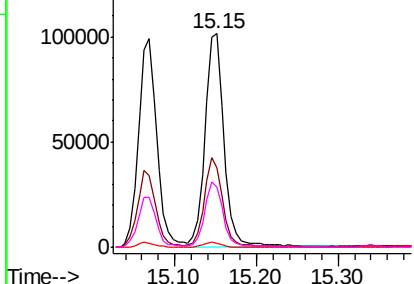
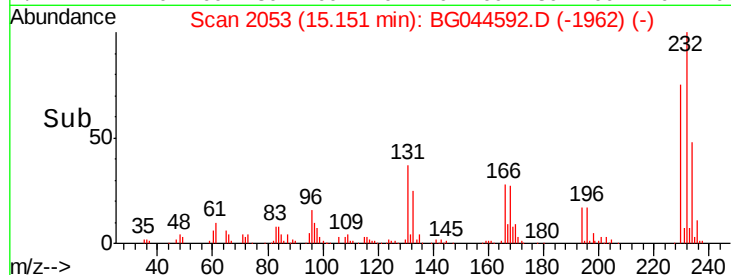
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.114 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	162680
Ion Ratio	Lower	Upper
232	100	
131	40.1	31.8 47.6
130	2.2	1.8 2.6
166	29.3	22.7 34.1

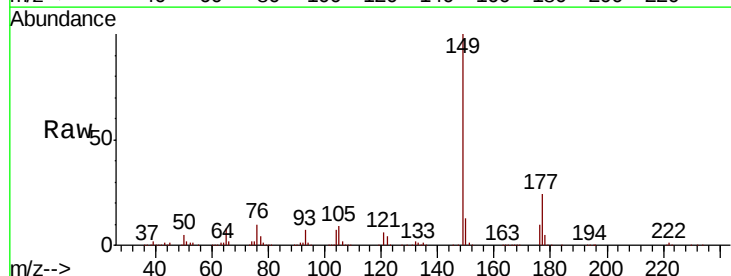


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

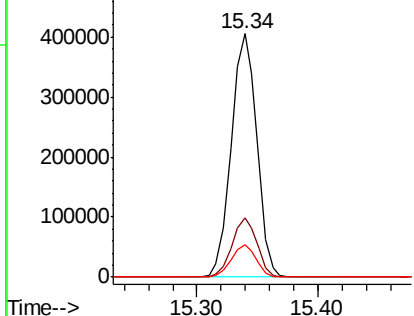
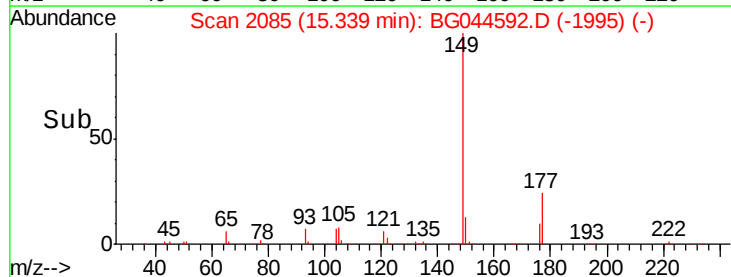


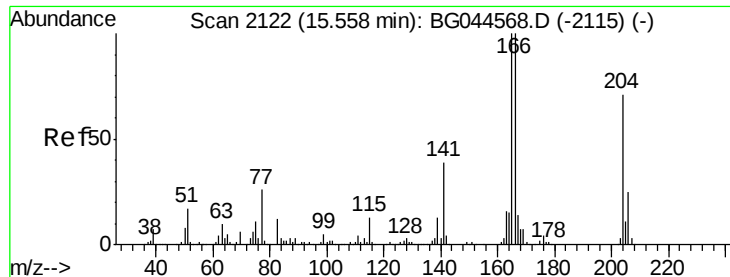
#60
Diethylphthalate
Concen: 45.535 ng
RT: 15.34 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:149	Resp:	595450
Ion Ratio	Lower	Upper
149	100	
177	24.4	19.2 28.8
150	13.1	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

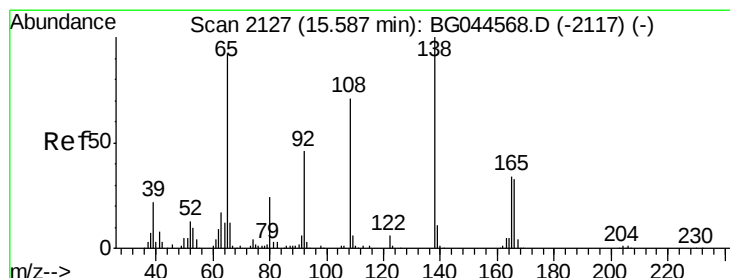
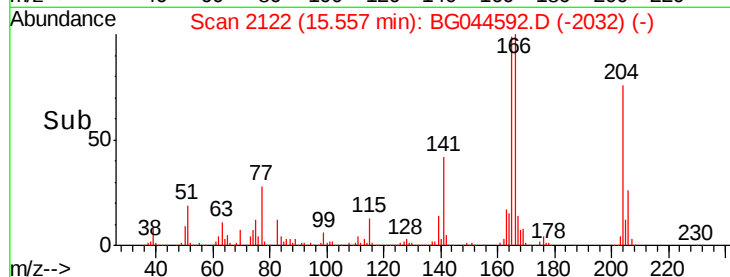
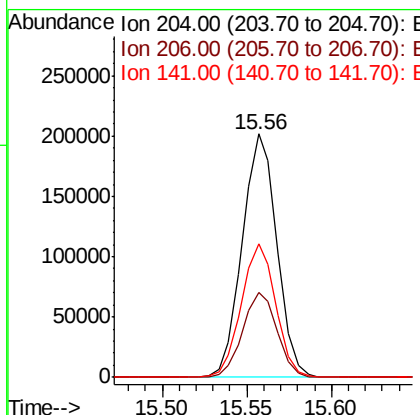
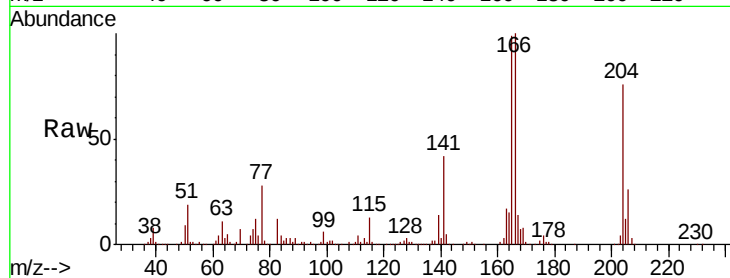




#61
 4-Chlorophenyl-phenylether
 Concen: 43.423 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

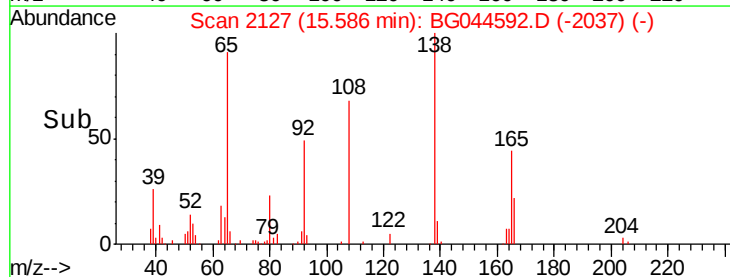
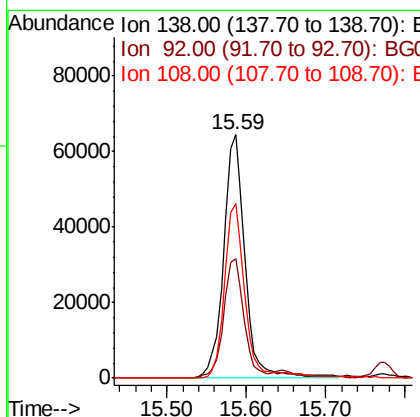
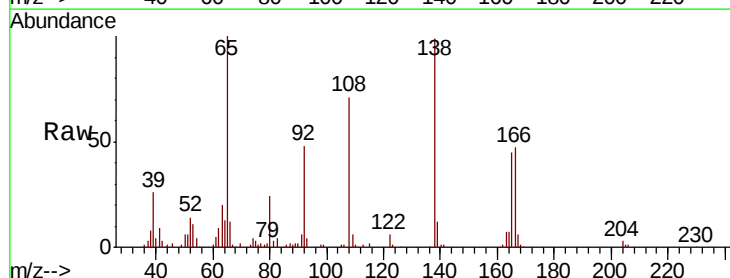
Instrument :
 BNA_G
 ClientSampled :

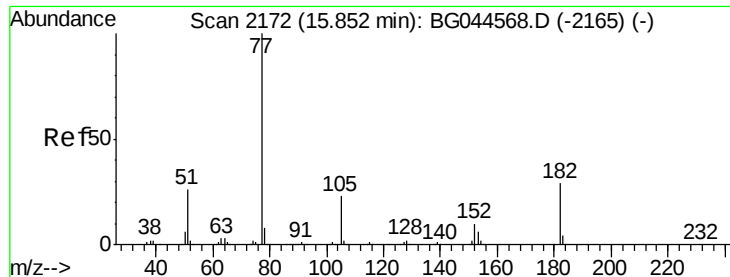
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.8	41.8
141	55.1	43.8	65.8



#62
 4-Nitroaniline
 Concen: 38.440 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	26.4	66.4
108	71.7	50.5	90.5

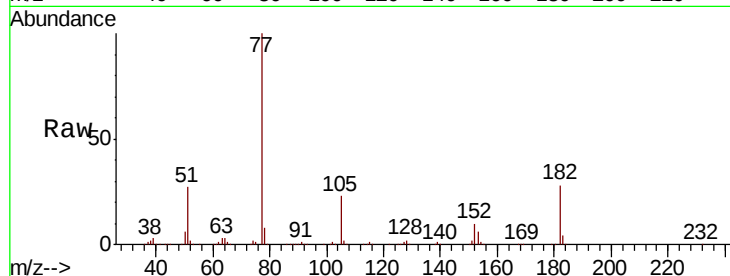




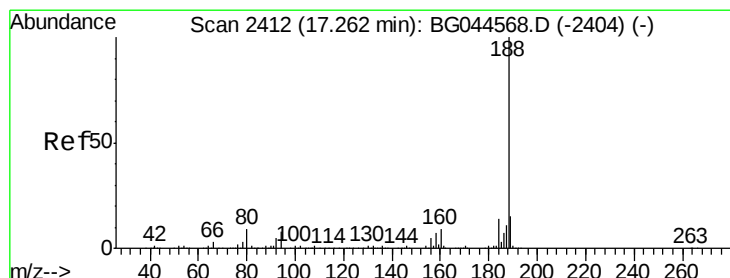
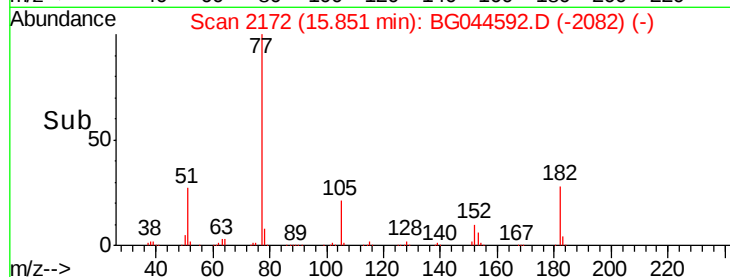
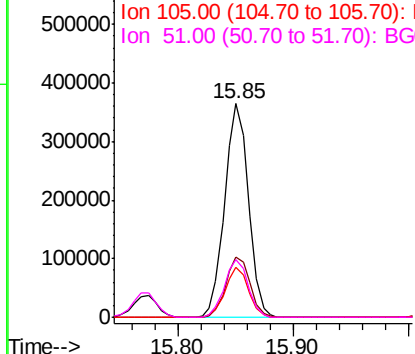
#63
Azobenzene
Concen: 46.406 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	516449
Ion	Ratio	Lower	Upper
77	100		
182	28.1	9.4	49.4
105	23.2	3.4	43.4
51	27.2	6.4	46.4

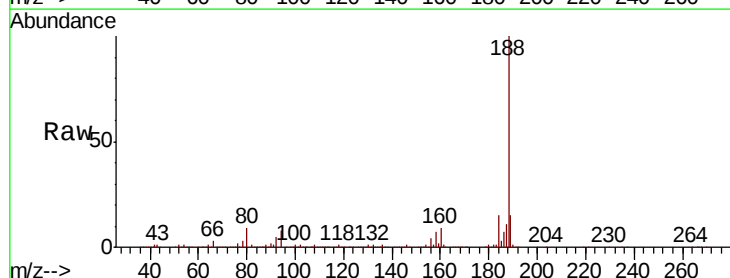


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

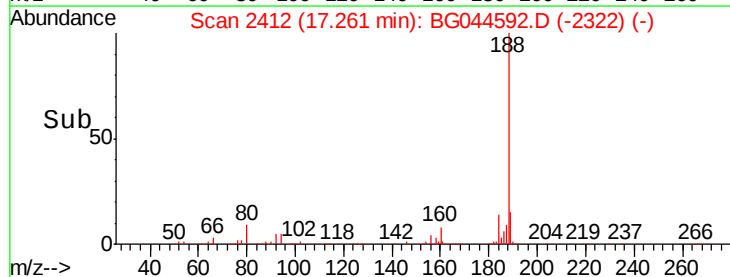
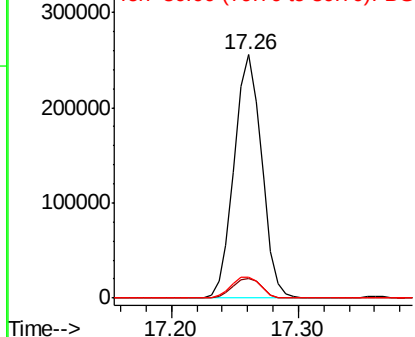


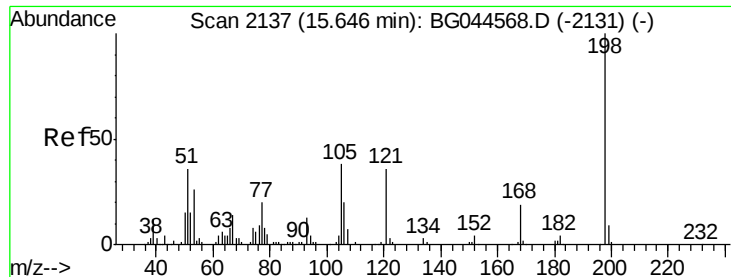
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:	188	Resp:	384796
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.8	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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.622 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

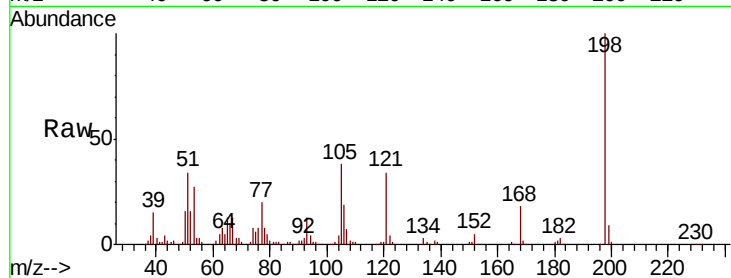
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 115847

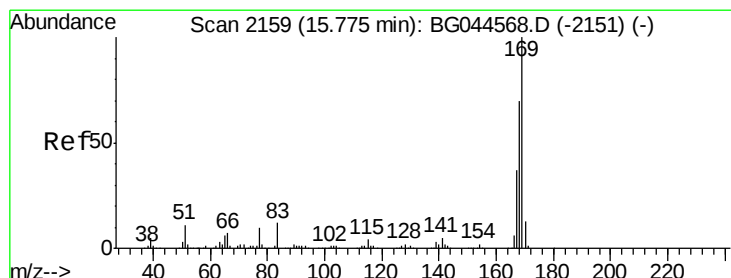
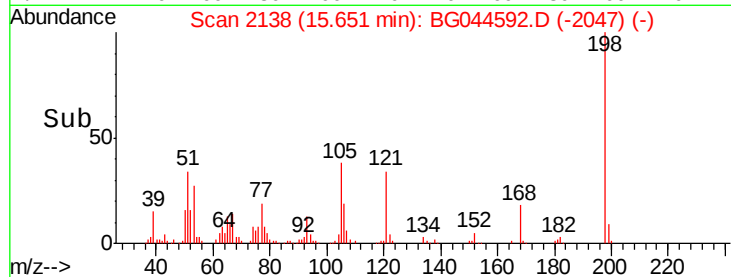
Ion	Ratio	Lower	Upper
198	100		
51	34.1	17.0	57.0
105	37.6	18.4	58.4



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: 43.159 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

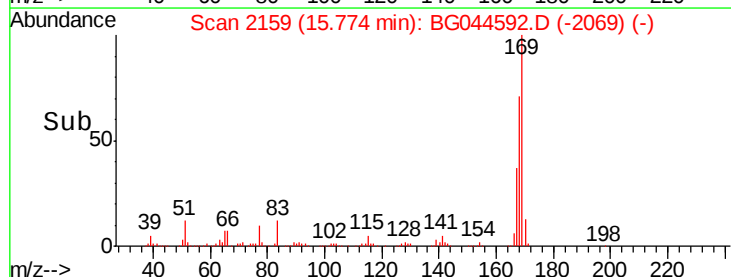
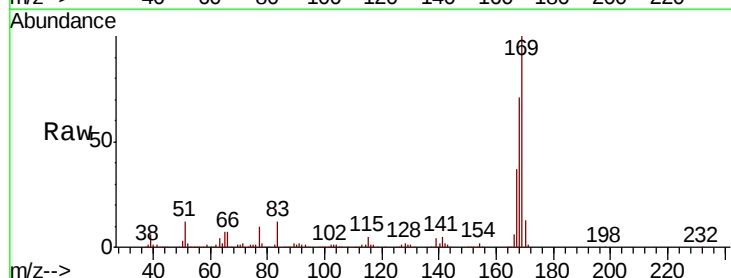
Tgt Ion:169 Resp: 518032

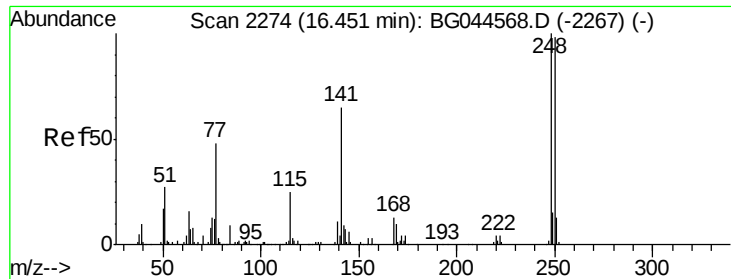
Ion	Ratio	Lower	Upper
169	100		
168	71.3	56.1	84.1
167	37.0	29.4	44.0

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: 41.049 ng

RT: 16.45 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampled :

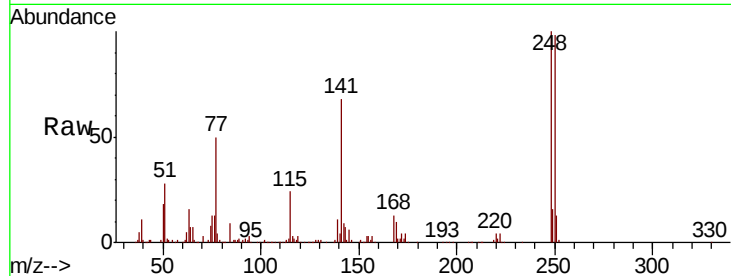
Tot Ion:248 Resp: 196069

Ion Ratio Lower Upper

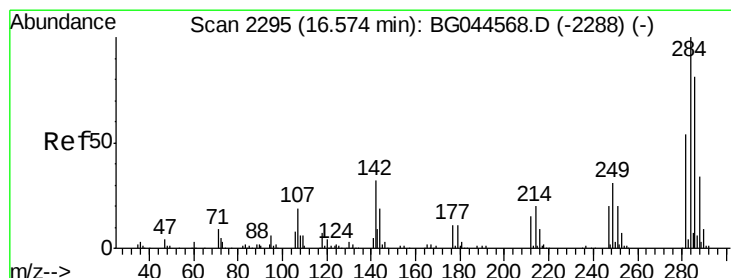
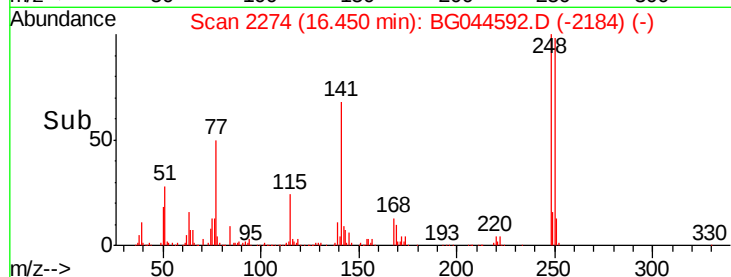
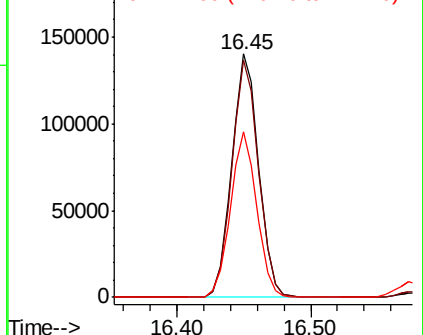
248 100

250 97.6 78.7 118.1

141 67.8 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: 40.124 ng

RT: 16.57 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

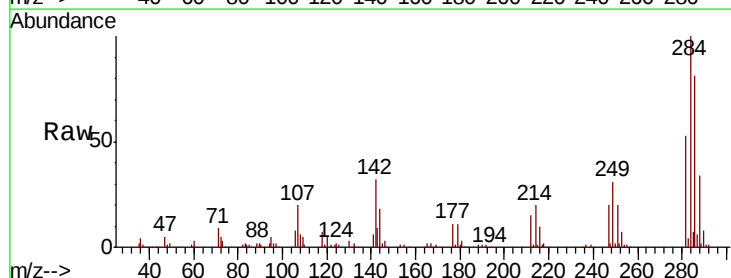
Tgt Ion:284 Resp: 216681

Ion Ratio Lower Upper

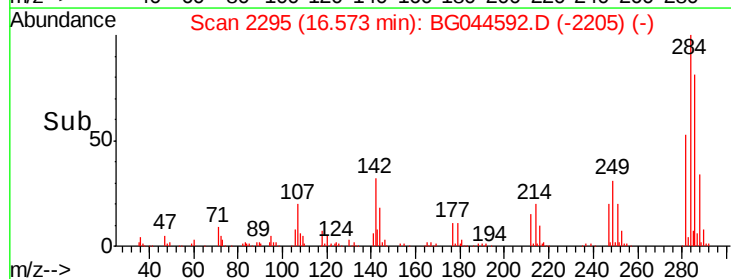
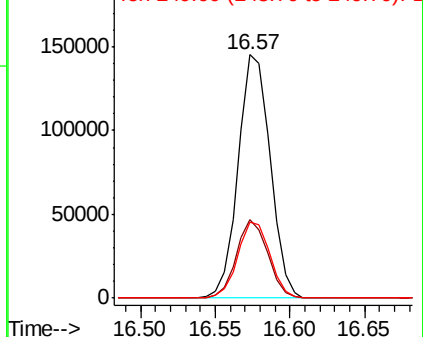
284 100

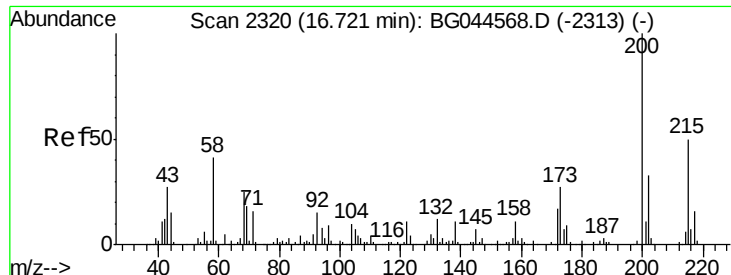
142 32.4 25.6 38.4

249 31.1 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

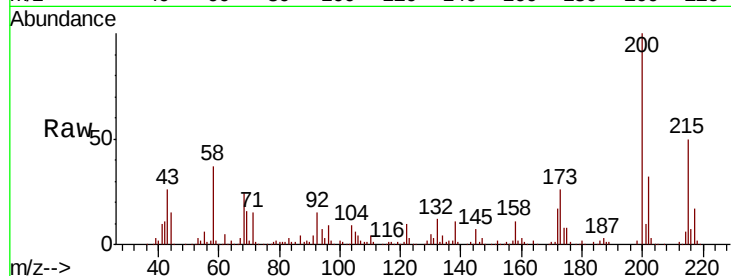




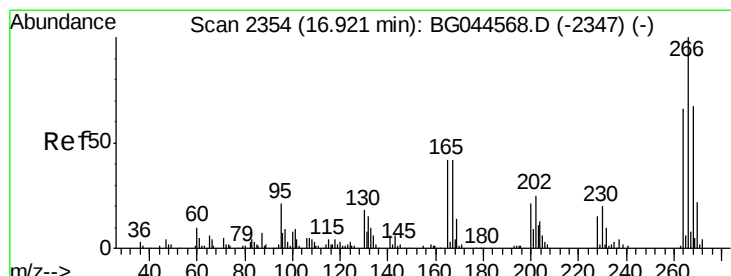
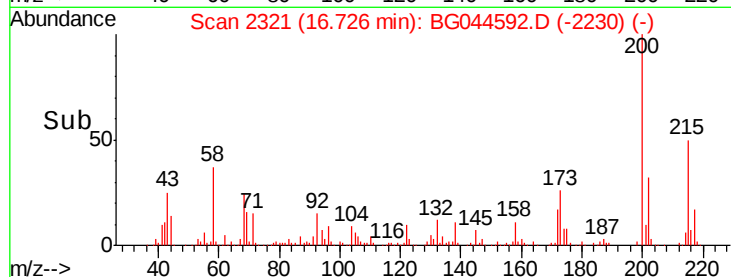
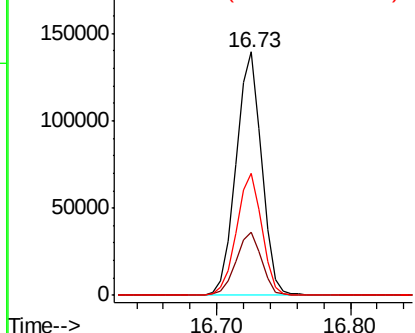
#69
 Atrazine
 Concen: 41.770 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 185347
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.6 46.6
 215 50.2 30.3 70.3

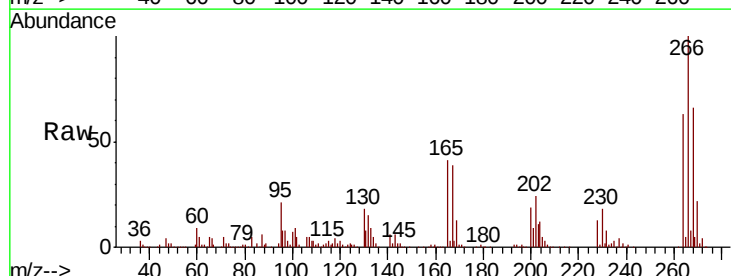


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

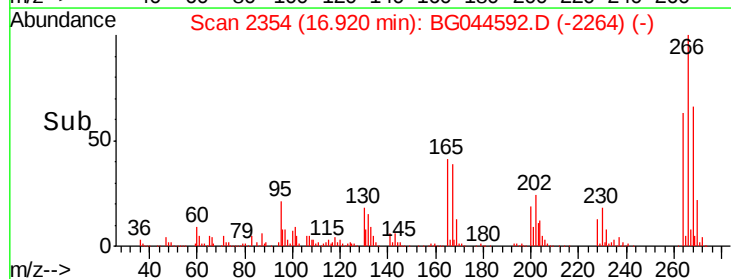
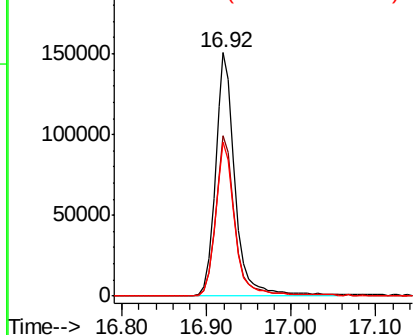


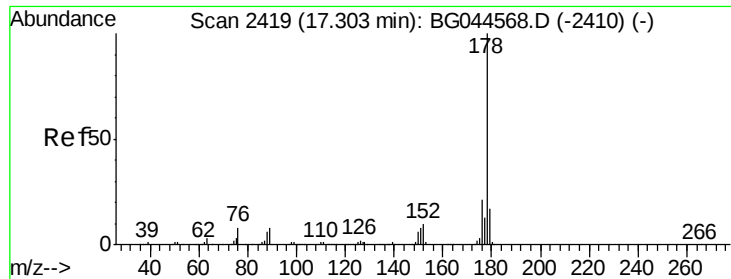
#70
 Pentachlorophenol
 Concen: 91.705 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044592.D
 Acq: 26 Feb 2020 1:12

Tgt Ion:266 Resp: 245422
 Ion Ratio Lower Upper
 266 100
 268 65.6 53.4 80.0
 264 63.3 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

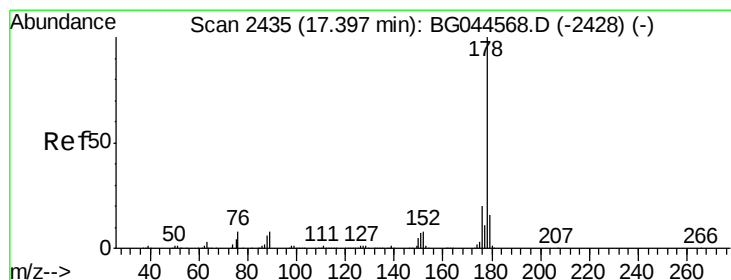
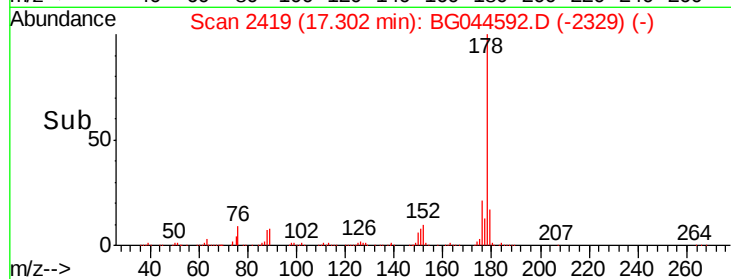
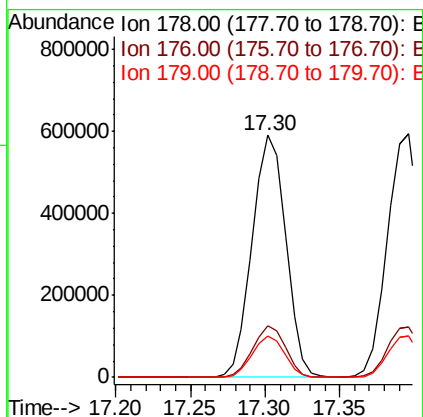
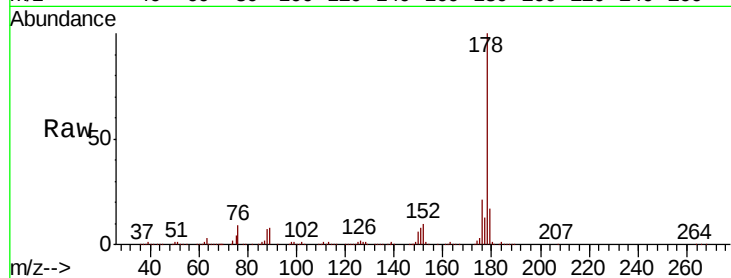




#71
Phenanthrene
Concen: 43.203 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

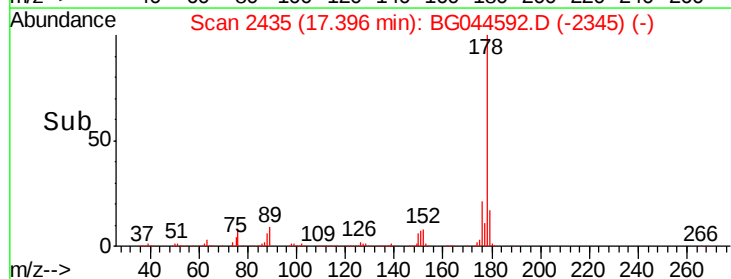
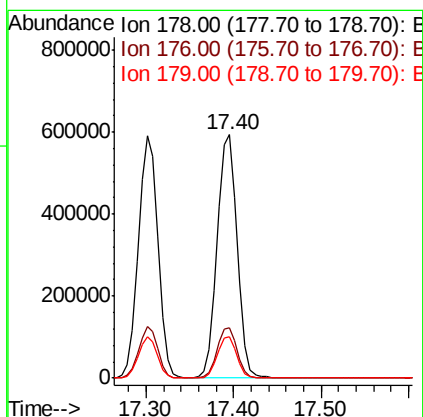
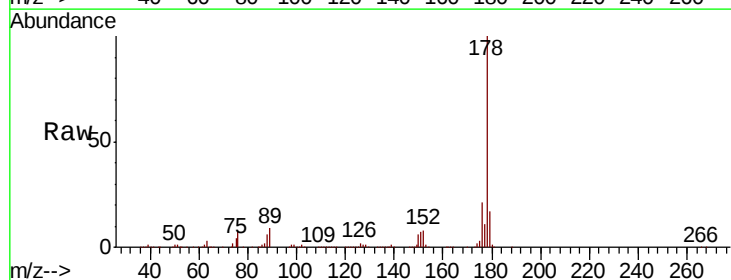
Instrument :
BNA_G
ClientSampleId :

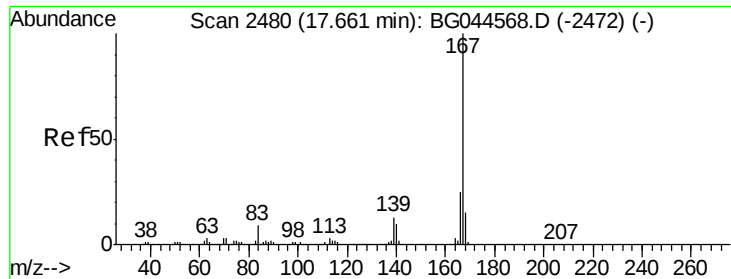
Tot Ion:178 Resp: 920379
Ion Ratio Lower Upper
178 100
176 21.3 16.6 25.0
179 16.9 13.3 19.9



#72
Anthracene
Concen: 44.962 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:178 Resp: 943949
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.7 13.1 19.7





#73

Carbazole

Concen: 45.395 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

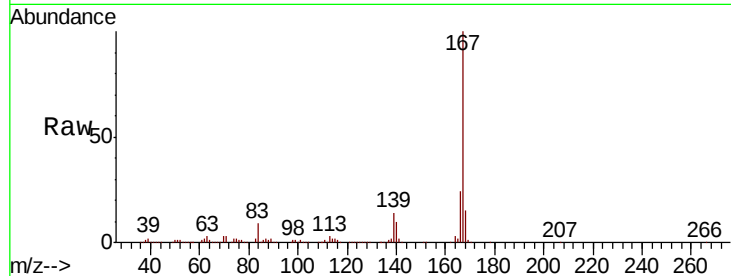
Tot Ion:167 Resp: 867495

Ion Ratio Lower Upper

167 100

166 24.3 19.7 29.5

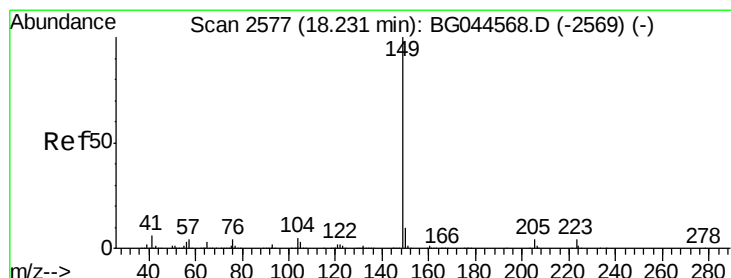
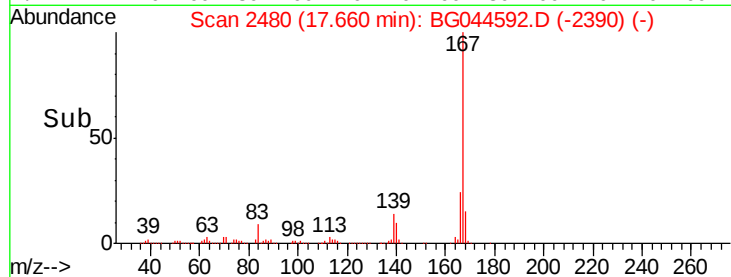
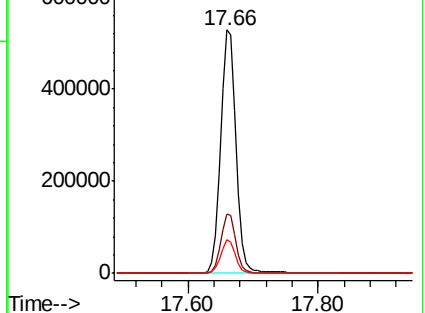
139 13.7 10.6 15.8



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: 44.608 ng

RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

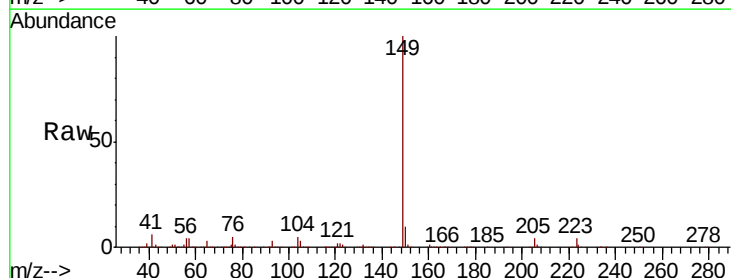
Tgt Ion:149 Resp: 1068200

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.8

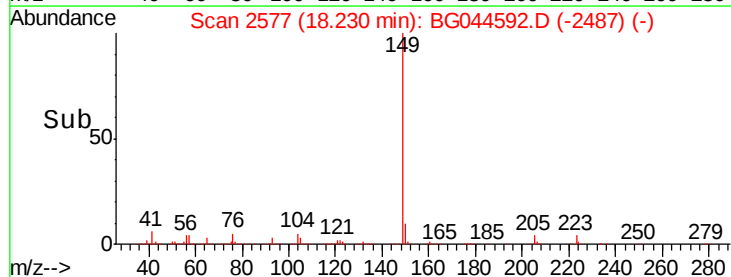
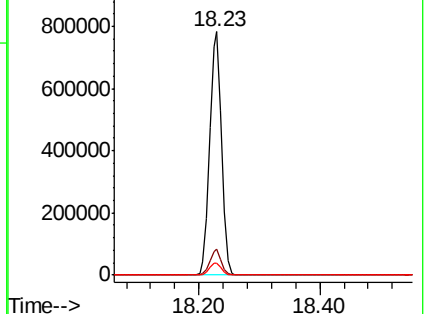
104 5.1 4.0 6.0

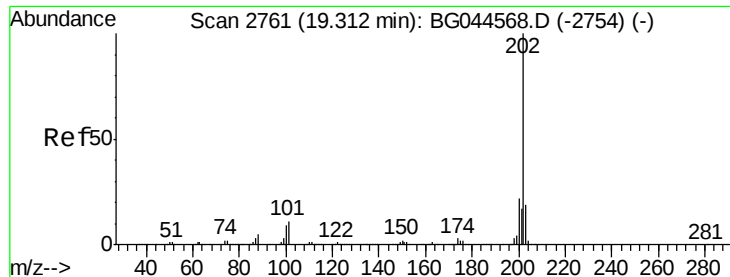


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.934 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampled :

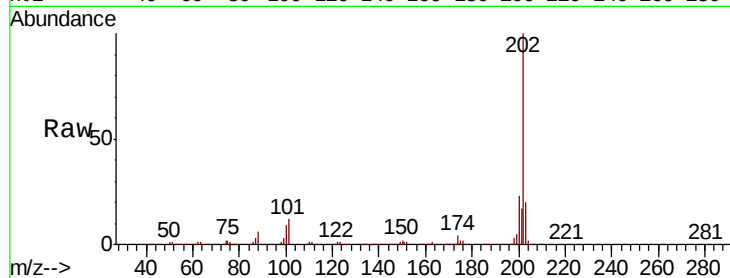
Tot Ion:202 Resp: 1133193

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.0

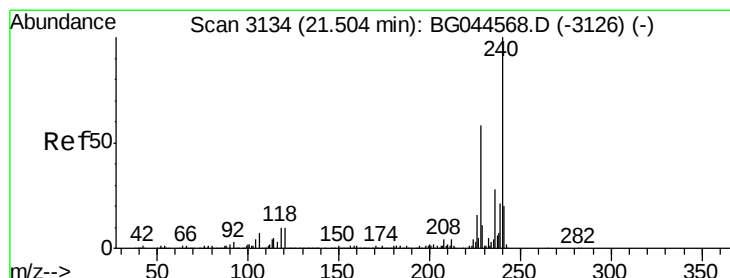
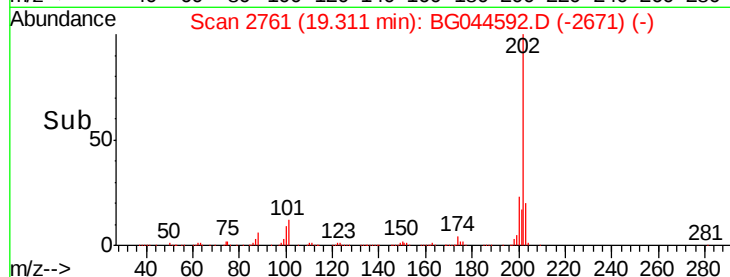
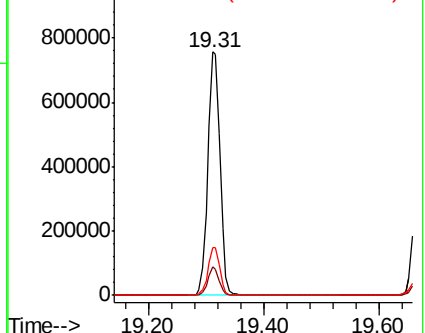
203 19.6 0.0 39.2



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: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

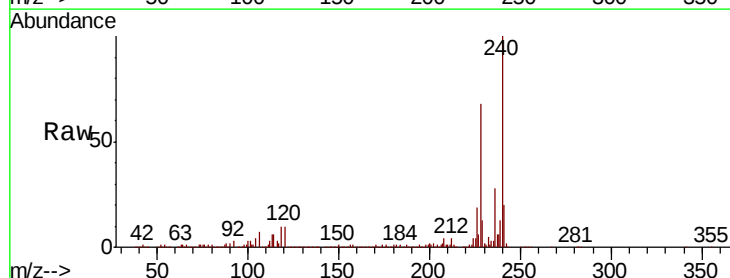
Tgt Ion:240 Resp: 382403

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

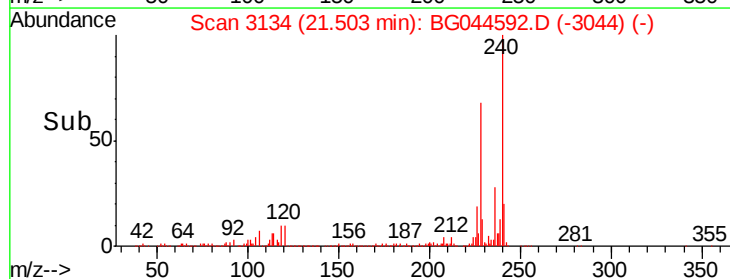
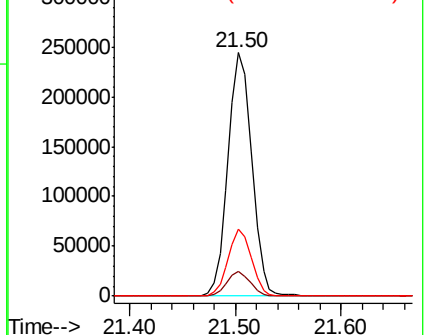
236 27.5 22.3 33.5

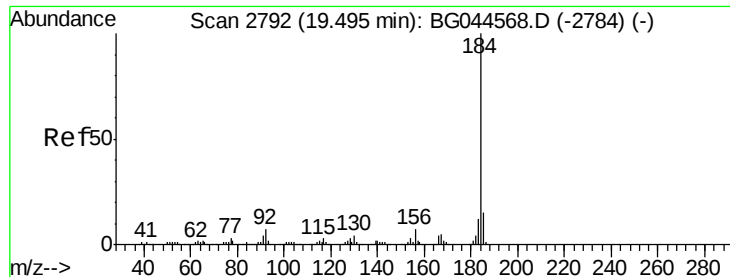


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.699 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

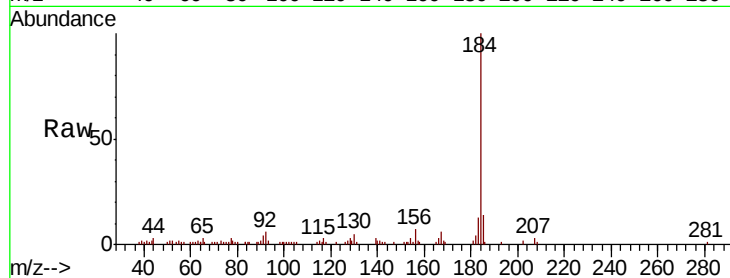
Tot Ion:184 Resp: 127050

Ion Ratio Lower Upper

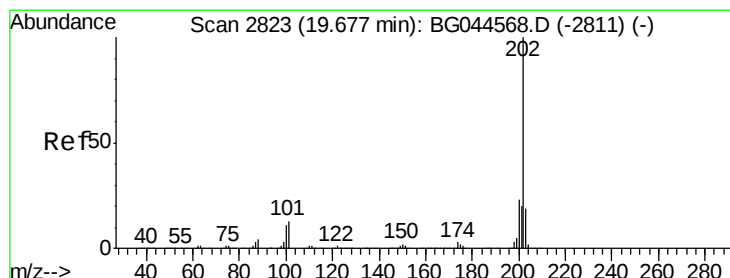
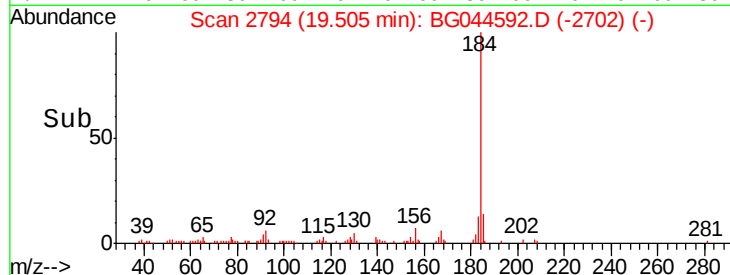
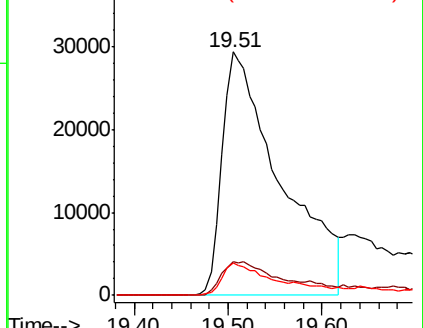
184 100

185 13.9 12.2 18.4

183 13.5 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: 41.121 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

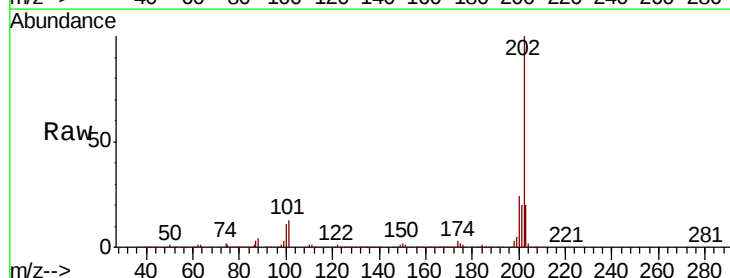
Tgt Ion:202 Resp: 1141489

Ion Ratio Lower Upper

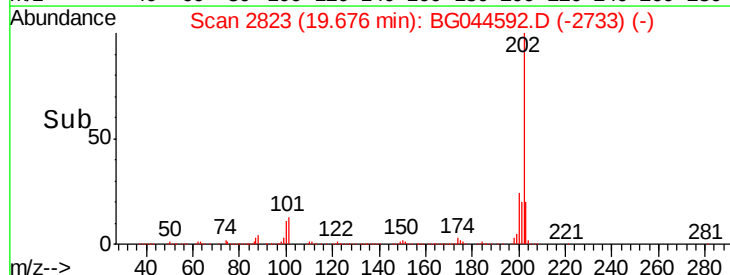
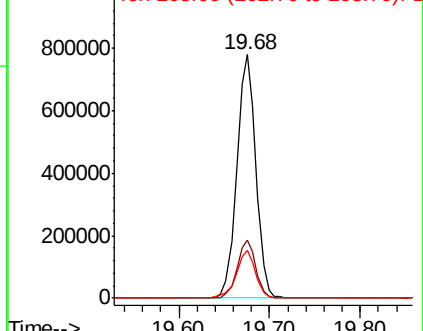
202 100

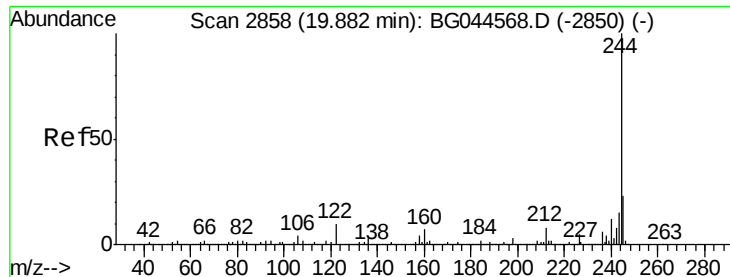
200 23.8 18.6 28.0

203 19.7 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: 82.783 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

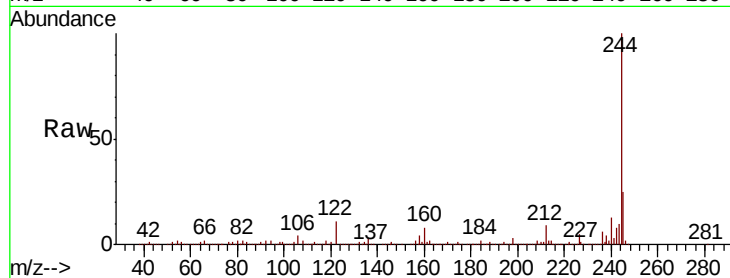
Tot Ion:244 Resp: 1672224

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

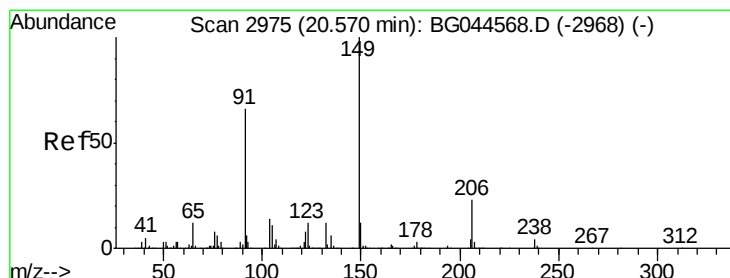
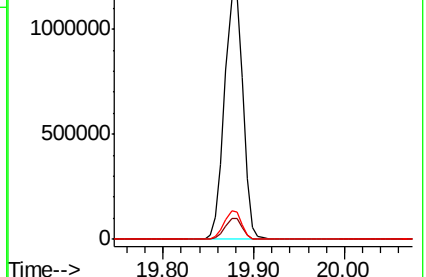
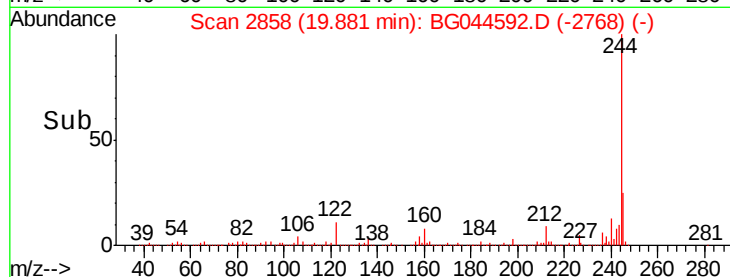
122 11.1 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.691 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

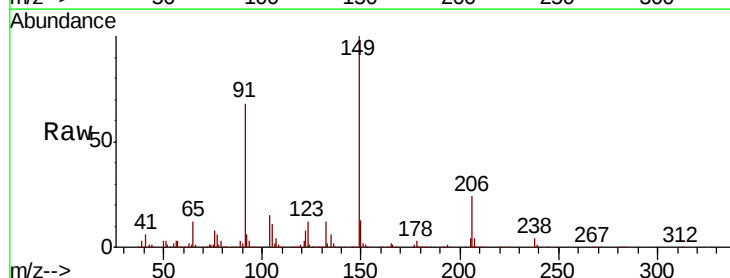
Tgt Ion:149 Resp: 494082

Ion Ratio Lower Upper

149 100

91 67.6 52.7 79.1

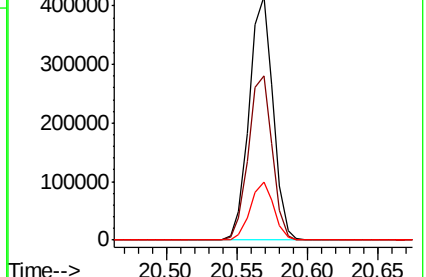
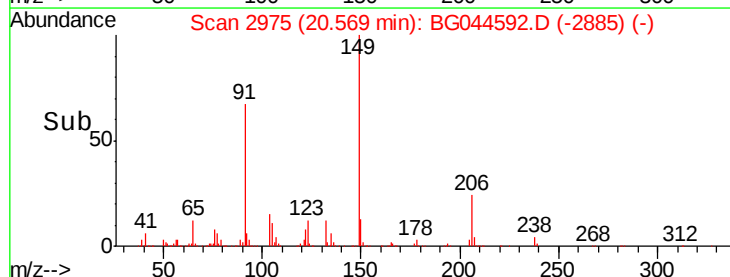
206 23.8 18.6 28.0

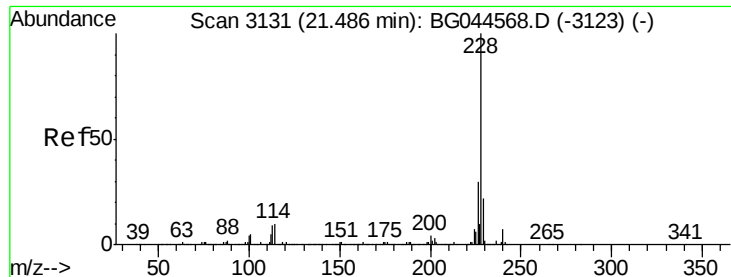


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

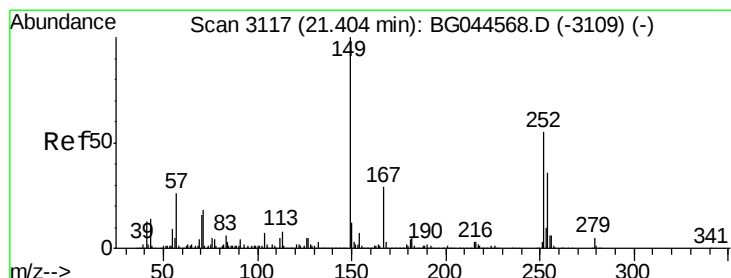
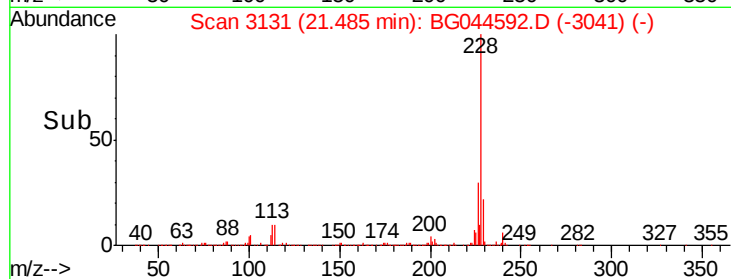
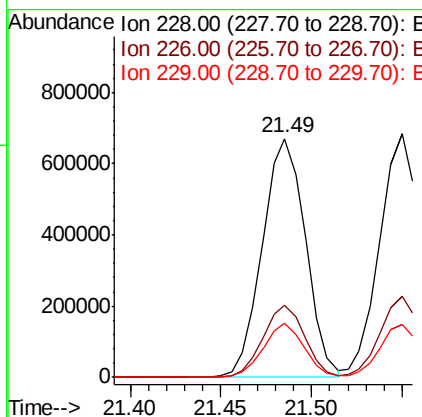
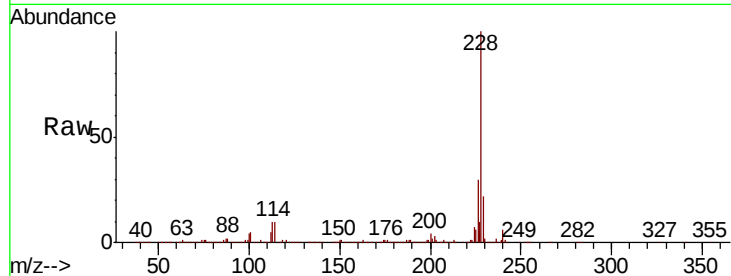




#81
Benzo(a)anthracene
Concen: 41.282 ng
RT: 21.49 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

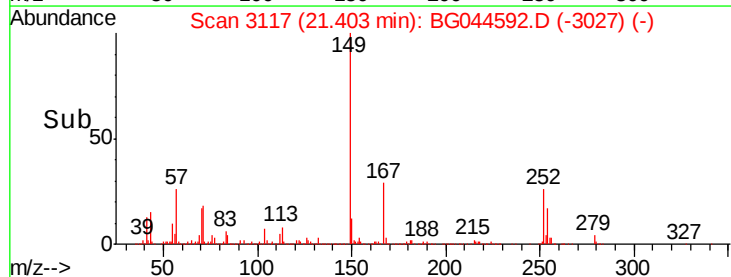
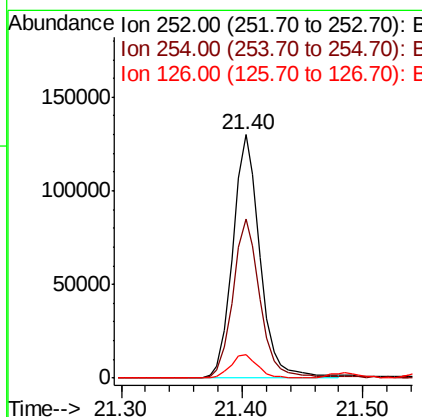
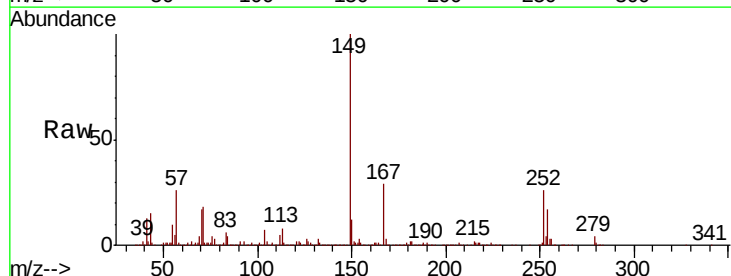
Instrument :
BNA_G
ClientSampleId :

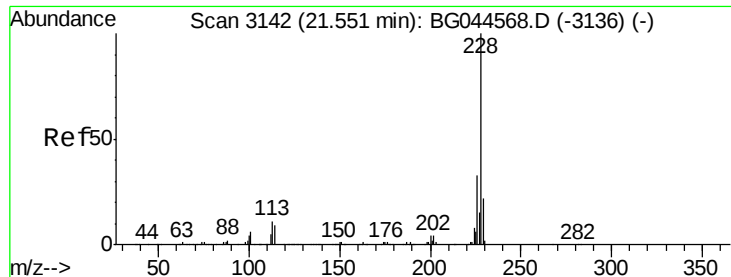
Tot Ion:228 Resp: 1109503
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 22.5 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 19.223 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:252 Resp: 204103
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 9.8 7.8 11.6

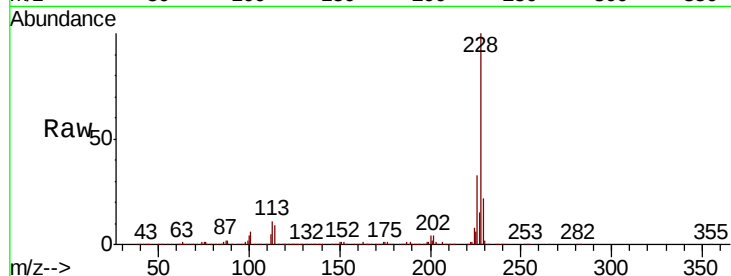




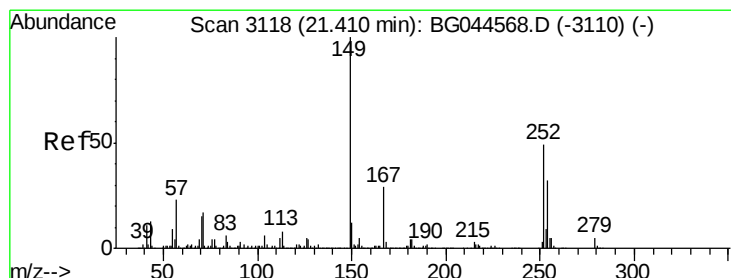
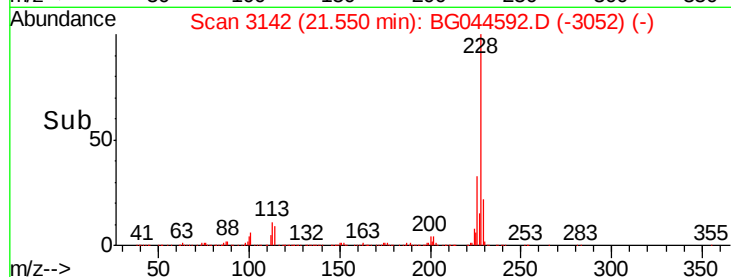
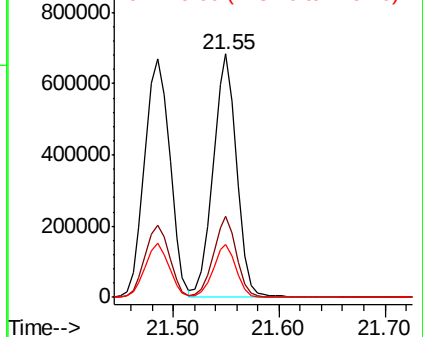
#83
Chrysene
Concen: 40.889 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1062542
Ion Ratio Lower Upper
228 100
226 33.4 26.1 39.1
229 21.9 17.2 25.8

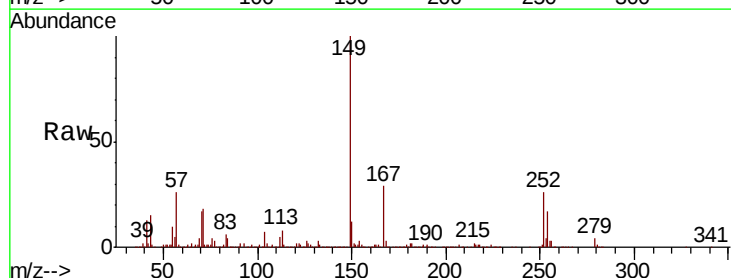


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

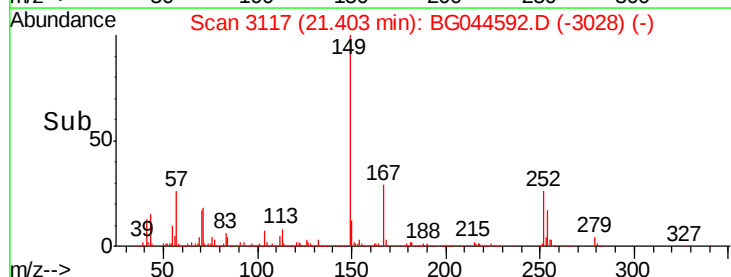
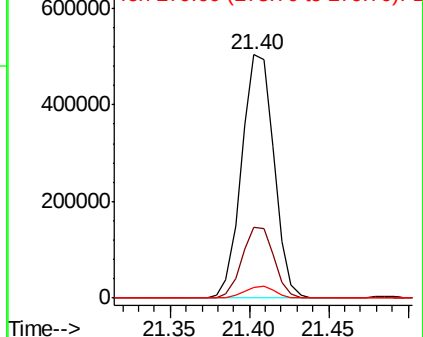


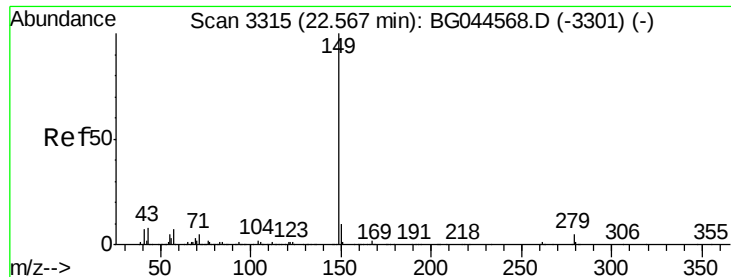
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.506 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:149 Resp: 711151
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.5 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: 41.936 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

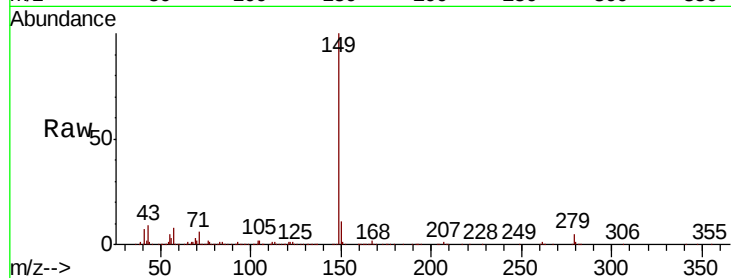
Tot Ion:149 Resp: 1234423

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

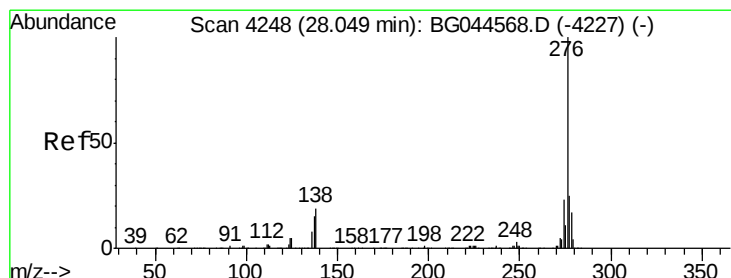
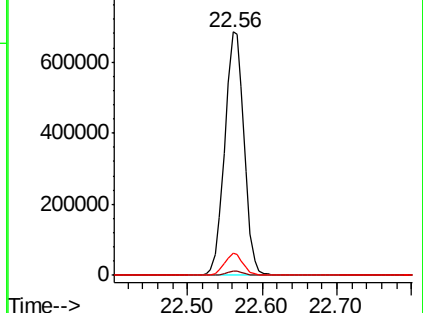
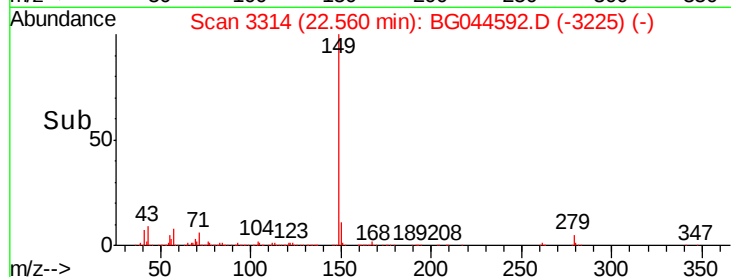
43 8.7 6.6 10.0



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: 41.601 ng

RT: 28.05 min Scan# 4249

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

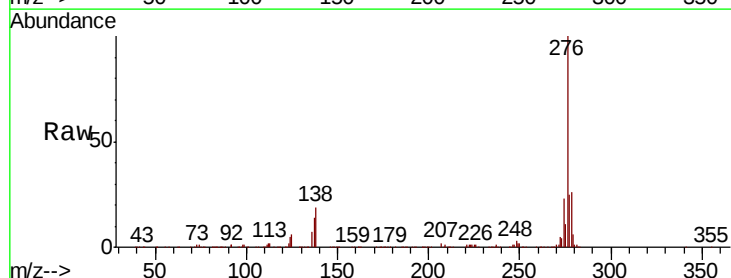
Tgt Ion:276 Resp: 1387337

Ion Ratio Lower Upper

276 100

138 22.8 18.2 27.4

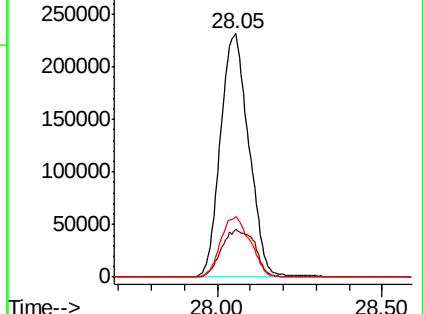
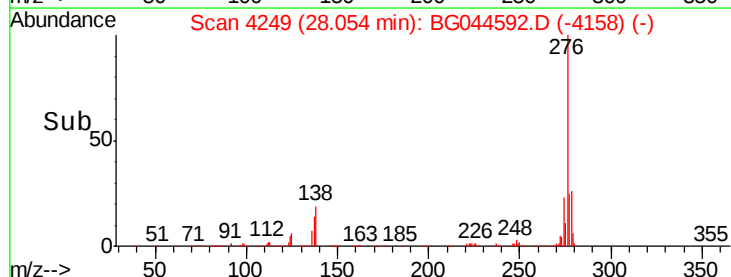
277 25.8 20.7 31.1

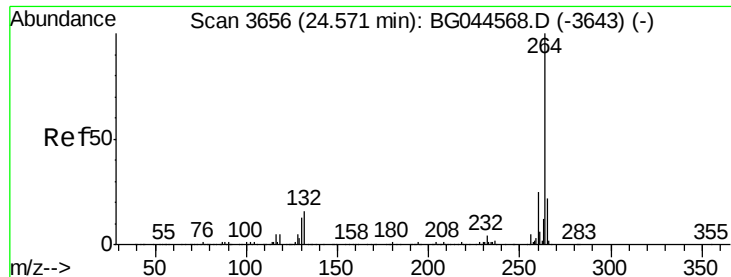


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

Instrument :

BNA_G

ClientSampleId :

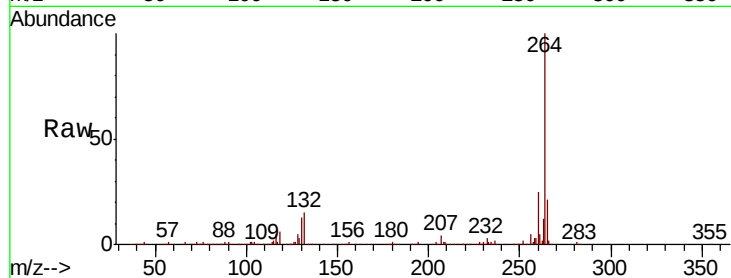
Tot Ion:264 Resp: 410576

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.8	26.8

264 100

260 24.6 19.7 29.5

265 21.3 17.8 26.8

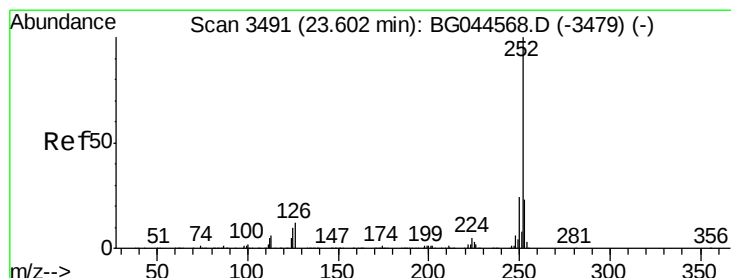
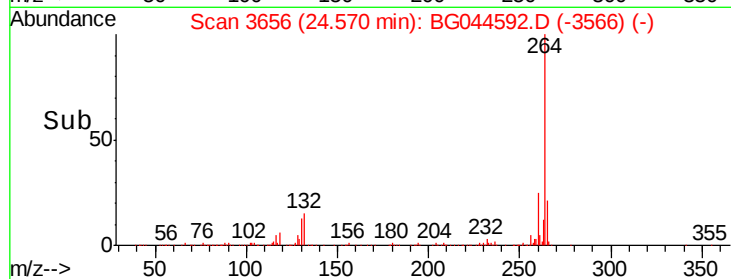
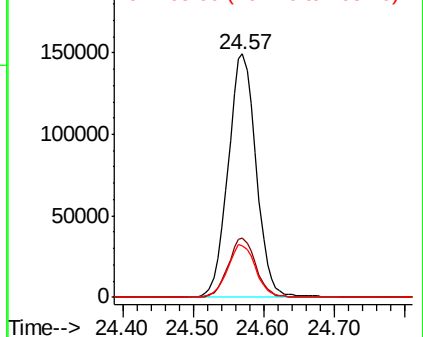


Abundance

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: 44.346 ng

RT: 23.61 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BG044592.D

Acq: 26 Feb 2020 1:12

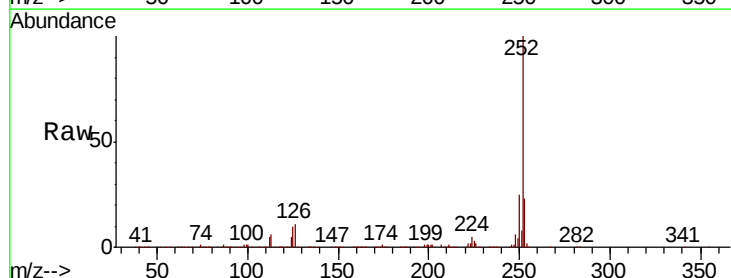
Tgt Ion:252 Resp: 1197097

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.6	7.9	11.9

252 100

253 23.3 18.4 27.6

125 9.6 7.9 11.9

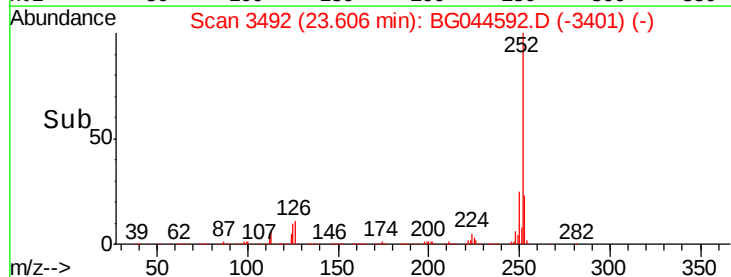
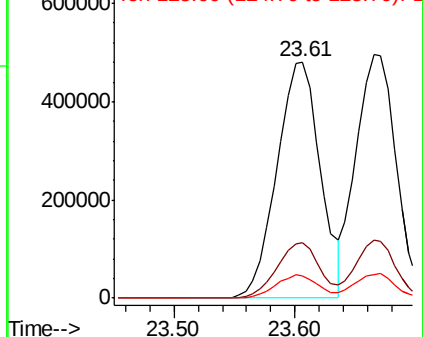


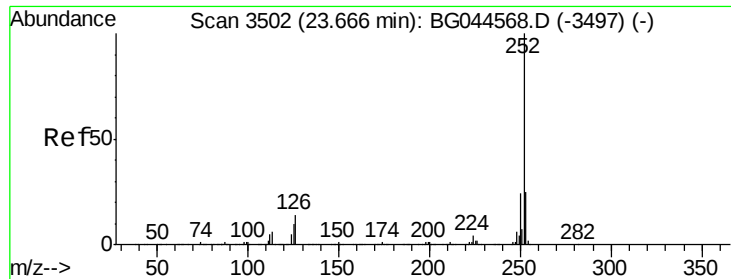
Abundance

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

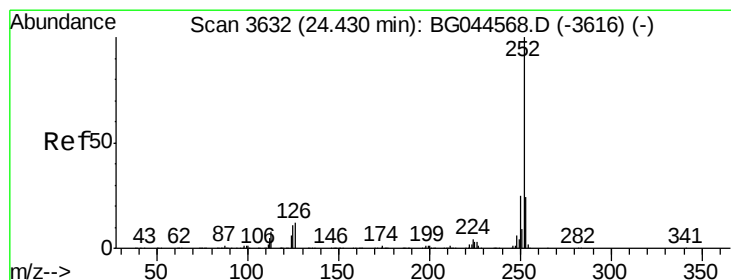
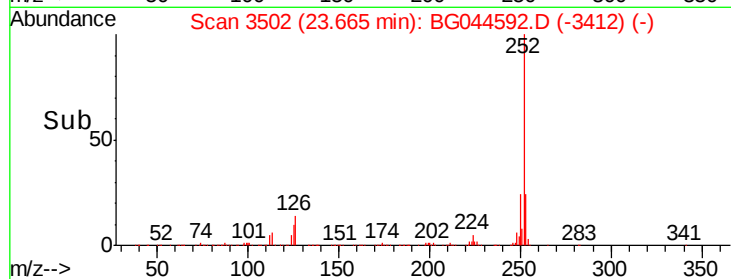
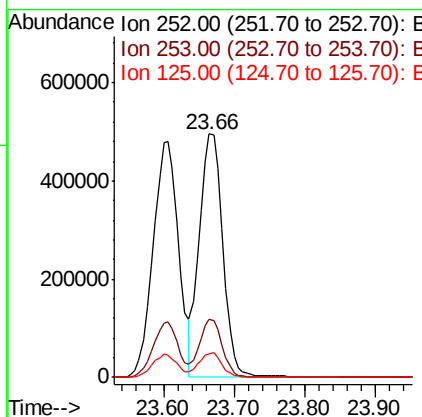
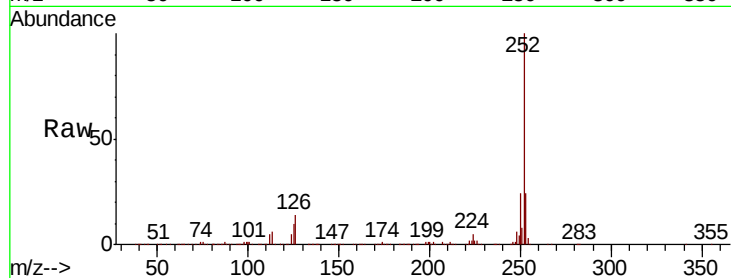




#89
Benzo(k)fluoranthene
Concen: 44.013 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

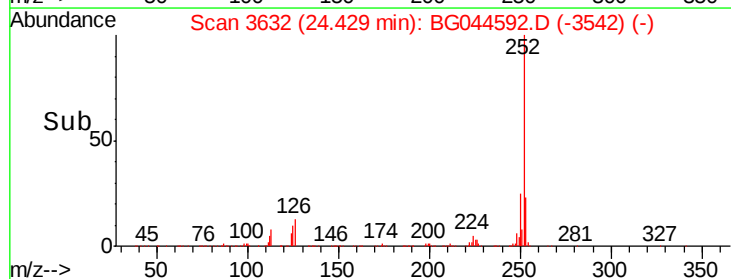
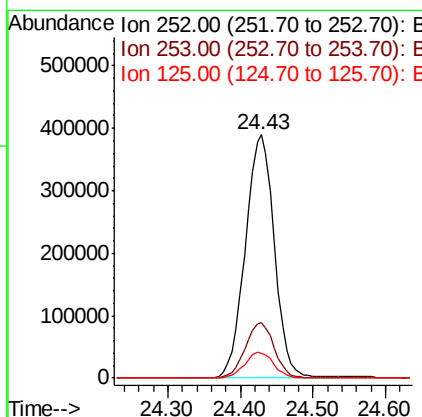
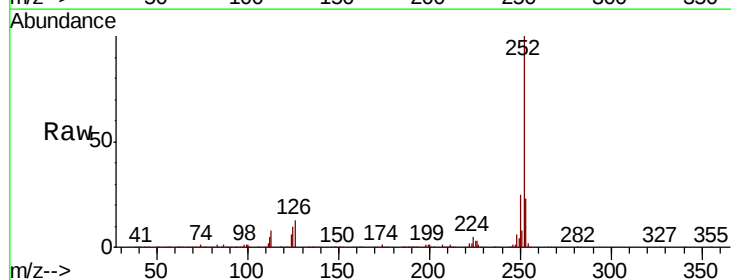
Instrument :
BNA_G
ClientSampleId :

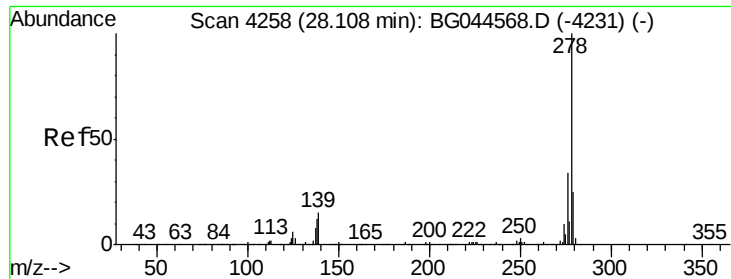
Tot Ion:252 Resp: 1152808
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 9.6 7.8 11.8



#90
Benzo(a)pyrene
Concen: 42.619 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:252 Resp: 1080948
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.4
125 10.2 8.5 12.7

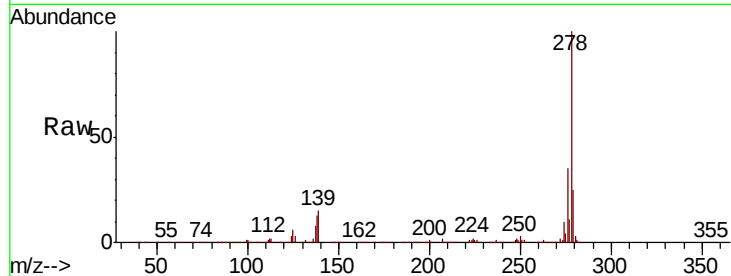




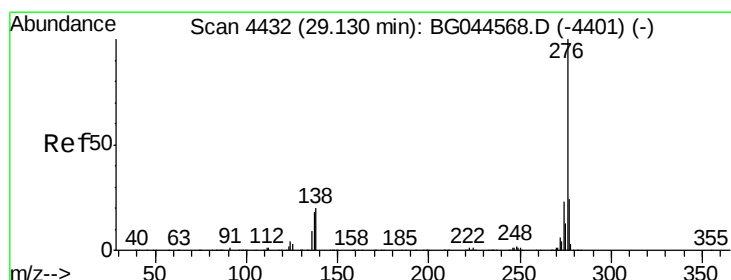
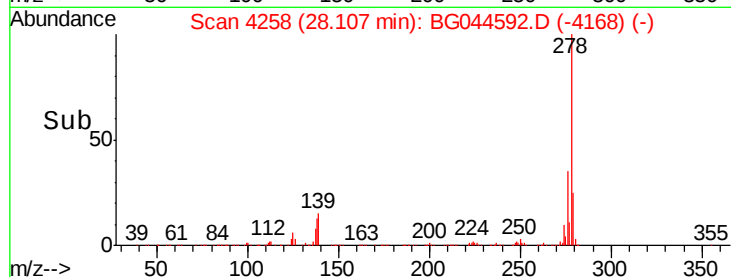
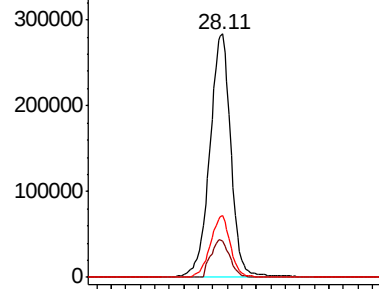
#91
Dibenzo(a,h)anthracene
Concen: 45.598 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1143774
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 25.3 19.8 29.6

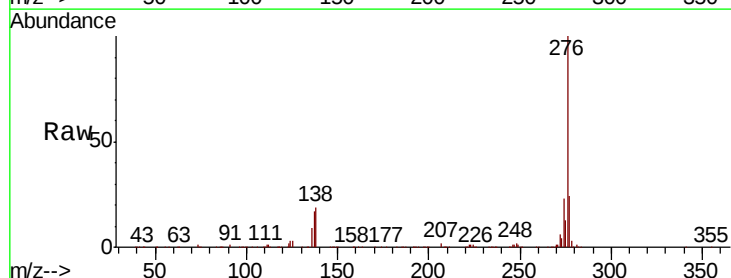


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.911 ng
RT: 29.14 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG044592.D
Acq: 26 Feb 2020 1:12

Tgt Ion:276 Resp: 1153794
Ion Ratio Lower Upper
276 100
277 24.2 19.5 29.3
138 18.9 16.1 24.1



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

