

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044562.D
 Acq On : 21 Feb 2020 23:30
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:53:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	58069	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	230520	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	153041	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	352305	20.00	ng	0.00
76) Chrysene-d12	21.51	240	336914	20.00	ng	0.00
87) Perylene-d12	24.58	264	385839	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	470641	143.04	ng	0.00
7) Phenol-d6	7.06	99	566392	128.19	ng	0.00
23) Nitrobenzene-d5	9.04	82	401583	98.35	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	286638	159.54	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	928335	101.58	ng	0.00
79) Terphenyl-d14	19.89	244	1613057	98.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	61194	41.394	ng	# 69
3) Pyridine	3.74	79	114696	29.121	ng	99
4) n-Nitrosodimethylamine	3.65	42	76495	46.478	ng	97
6) Aniline	7.20	93	137326	25.039	ng	98
8) 2-Chlorophenol	7.45	128	196663	54.384	ng	99
9) Benzaldehyde	7.01	77	86823	34.502	ng	97
10) Phenol	7.08	94	210685	48.181	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	182208	48.740	ng	99
12) 1,3-Dichlorobenzene	7.77	146	192436	44.571	ng	99
13) 1,4-Dichlorobenzene	7.91	146	196052	45.847	ng	99
14) 1,2-Dichlorobenzene	8.24	146	184456	45.636	ng	99
15) Benzyl Alcohol	8.12	79	160979	51.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	232380	45.926	ng	99
17) 2-Methylphenol	8.33	107	161187	51.665	ng	99
18) Hexachloroethane	8.96	117	69183	43.113	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	142488	48.389	ng	99
20) 3+4-Methylphenols	8.66	107	219138	50.966	ng	99
22) Acetophenone	8.70	105	270014	48.149	ng	100
24) Nitrobenzene	9.08	77	201720	50.605	ng	97
25) Isophorone	9.61	82	402616	52.903	ng	98
26) 2-Nitrophenol	9.79	139	113351	54.802	ng	98
27) 2,4-Dimethylphenol	9.86	122	186159	63.759	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	247832	48.815	ng	99
29) 2,4-Dichlorophenol	10.33	162	195016	55.238	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	195284	48.240	ng	99
31) Naphthalene	10.73	128	577192	51.608	ng	99
32) Benzoic acid	10.03	122	49677	32.376	ng	99
33) 4-Chloroaniline	10.85	127	40402	7.943	ng	99
34) Hexachlorobutadiene	11.02	225	115035	46.181	ng	98
35) Caprolactam	11.61	113	32306	24.980	ng	98
36) 4-Chloro-3-methylphenol	11.98	107	209929	56.714	ng	98
37) 2-Methylnaphthalene	12.34	142	432388	52.070	ng	99
38) 1-Methylnaphthalene	12.56	142	412323	52.667	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	218207	47.665	ng	99

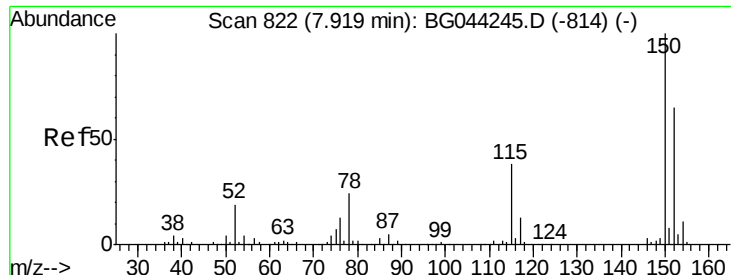
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044562.D
 Acq On : 21 Feb 2020 23:30
 Operator : CG/JU
 Sample : L1362-03MS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 22 05:53:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	192394	87.586	nq	99
43) 2,4,6-Trichlorophenol	12.95	196	159037	53.746	nq	98
44) 2,4,5-Trichlorophenol	13.04	196	174114	57.608	nq	99
46) 1,1'-Biphenyl	13.35	154	558375	50.582	nq	99
47) 2-Chloronaphthalene	13.40	162	434743	49.491	nq	99
48) 2-Nitroaniline	13.59	65	128806	49.686	nq	99
49) Acenaphthylene	14.24	152	698423	54.208	nq	99
50) Dimethylphthalate	13.98	163	614224	55.833	nq	99
51) 2,6-Dinitrotoluene	14.09	165	131597	53.650	nq	99
52) Acenaphthene	14.59	154	433081	51.859	nq	99
53) 3-Nitroaniline	14.42	138	56812	20.935	nq	98
54) 2,4-Dinitrophenol	14.63	184	120042	82.345	nq	99
55) Dibenzofuran	14.92	168	678078	53.628	nq	97
56) 4-Nitrophenol	14.75	139	219244	110.294	nq	99
57) 2,4-Dinitrotoluene	14.89	165	186991	54.391	nq	97
58) Fluorene	15.57	166	545825	54.808	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153548	56.244	nq	97
60) Diethylphthalate	15.35	149	592716	54.072	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	288041	53.343	nq	100
62) 4-Nitroaniline	15.59	138	131808	48.608	nq	99
63) Azobenzene	15.86	77	520509	54.179	nq	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	104985	53.985	nq	96
66) n-Nitrosodiphenylamine	15.78	169	517525	52.418	nq	99
67) 4-Bromophenyl-phenylether	16.46	248	192073	50.041	nq	96
68) Hexachlorobenzene	16.59	284	213798	49.718	nq	99
69) Atrazine	16.73	200	206488	61.018	nq	99
70) Pentachlorophenol	16.93	266	226926	103.399	nq	99
71) Phenanthrene	17.31	178	914304	53.594	nq	99
72) Anthracene	17.40	178	940755	55.777	nq	99
73) Carbazole	17.67	167	868812	55.876	nq	100
74) Di-n-butylphthalate	18.24	149	1069555	55.664	nq	98
75) Fluoranthene	19.32	202	1136422	57.584	nq	98
77) Benzidine	19.50	184	269657	28.855	nq	97
78) Pyrene	19.68	202	1140716	52.721	nq	99
80) Butylbenzylphthalate	20.57	149	504536	51.170	nq	99
81) Benzo(a)anthracene	21.49	228	1121843	54.027	nq	99
82) 3,3'-Dichlorobenzidine	21.41	252	175980	21.837	nq	97
83) Chrysene	21.56	228	1071648	53.394	nq	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	734794	54.142	nq	99
85) Di-n-octyl phthalate	22.57	149	1259429	53.634	nq	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1414282	54.011	nq	99
88) Benzo(b)fluoranthene	23.62	252	1230215	55.332	nq	99
89) Benzo(k)fluoranthene	23.68	252	1148588	53.005	nq	99
90) Benzo(a)pyrene	24.44	252	1111738	52.886	nq	99
91) Dibenzo(a,h)anthracene	28.12	278	1160732	55.793	nq	98
92) Benzo(g,h,i)perylene	29.15	276	1185725	56.934	nq	100

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

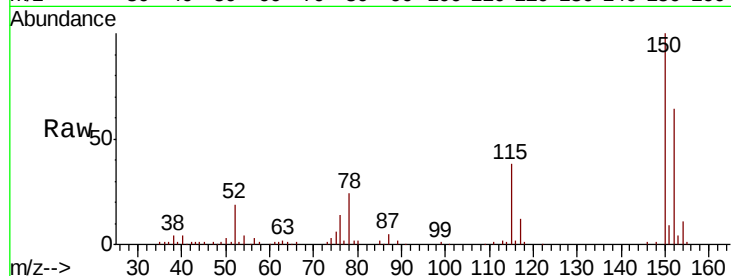


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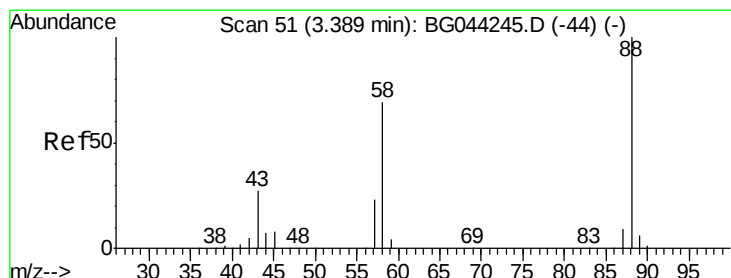
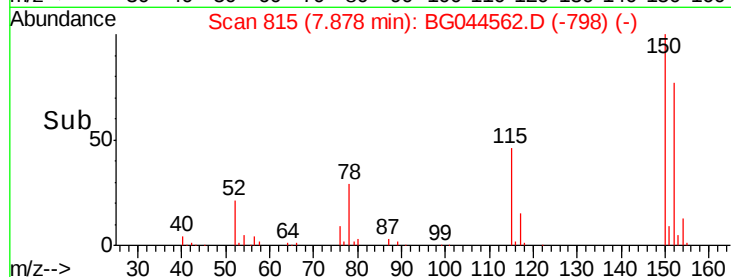
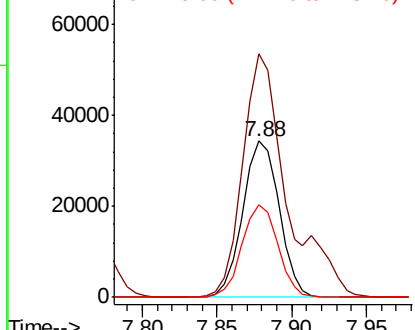
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58069
Ion Ratio Lower Upper
152 100
150 155.8 123.1 184.7
115 59.4 45.1 67.7



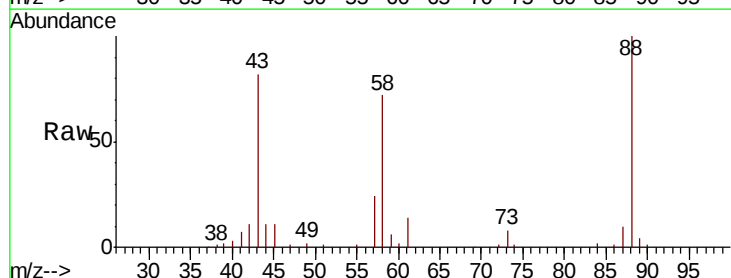
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



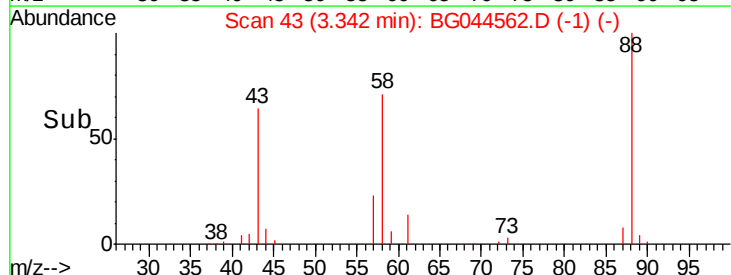
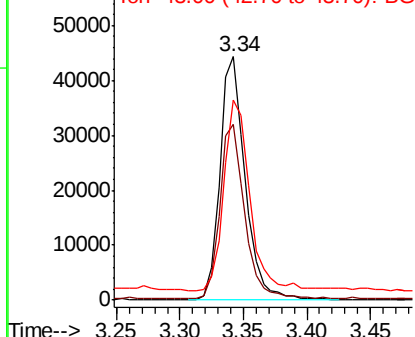
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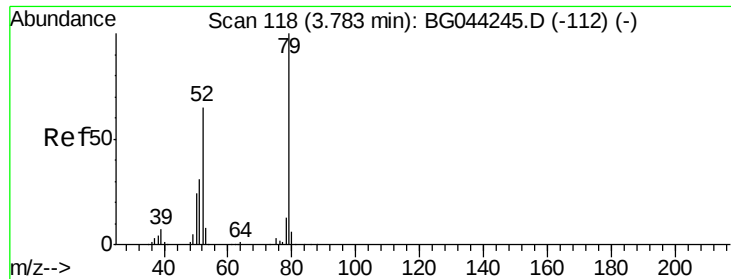
1,4-Dioxane
Concen: 41.394 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion: 88 Resp: 61194
Ion Ratio Lower Upper
88 100
58 70.0 54.8 82.2
43 80.4 21.2 31.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.121 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

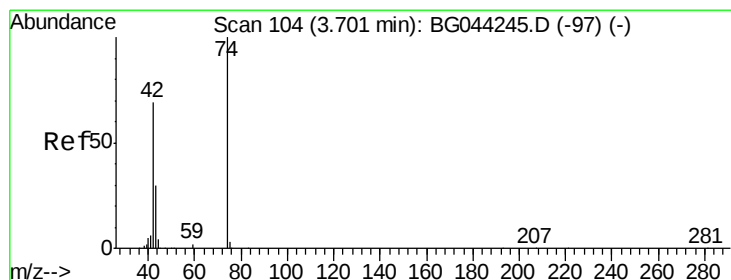
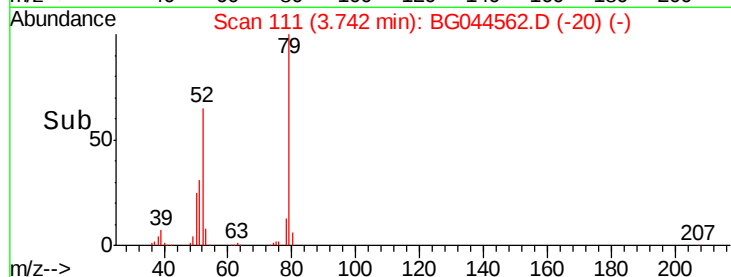
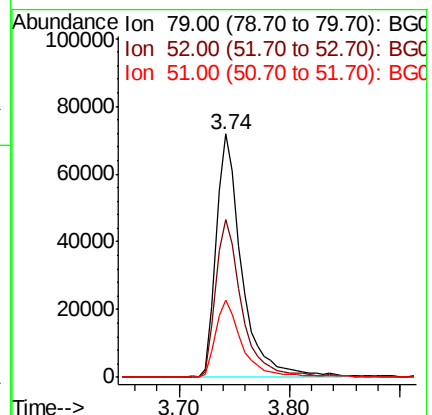
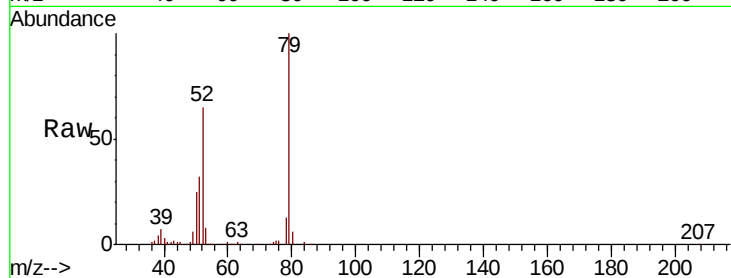
Tot Ion: 79 Resp: 114696

Ion Ratio Lower Upper

79 100

52 64.7 53.0 79.4

51 31.7 25.7 38.5



#4

n-Nitrosodimethylamine

Concen: 46.478 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

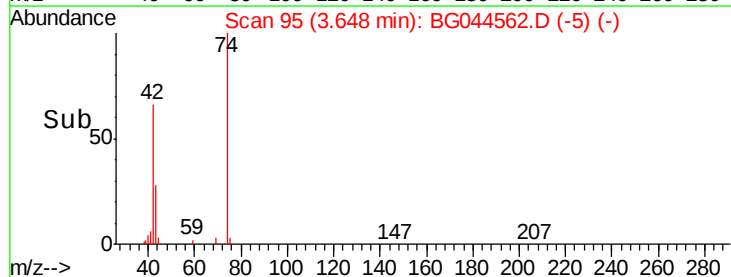
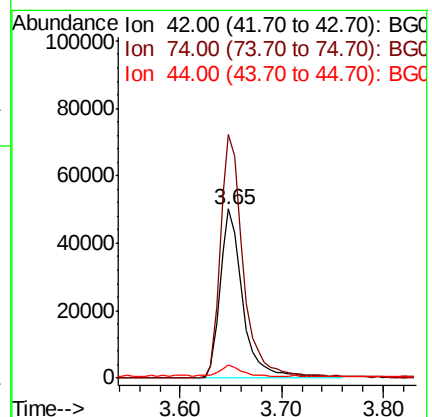
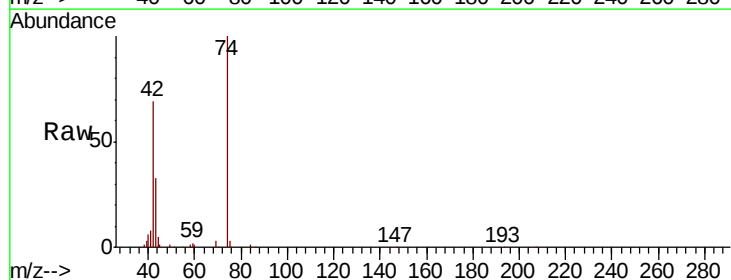
Tgt Ion: 42 Resp: 76495

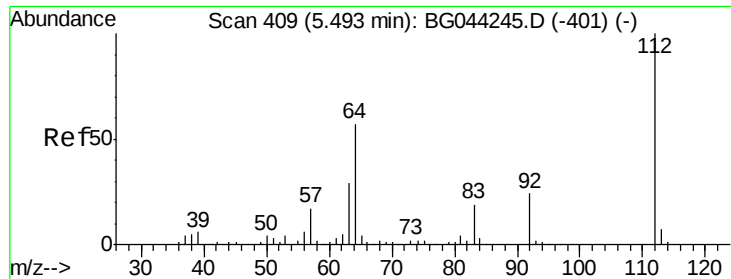
Ion Ratio Lower Upper

42 100

74 144.2 118.4 177.6

44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 143.038 ng

RT: 5.46 min Scan# 404

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

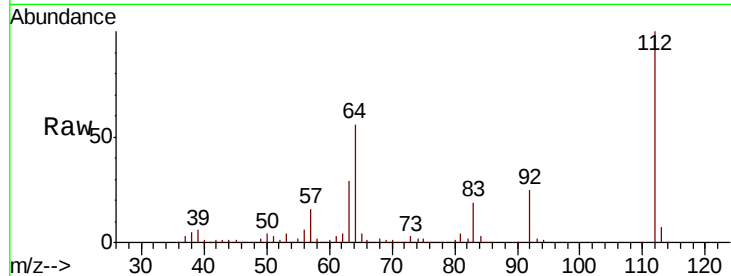
Tot Ion:112 Resp: 470641

Ion Ratio Lower Upper

112 100

64 55.6 44.5 66.7

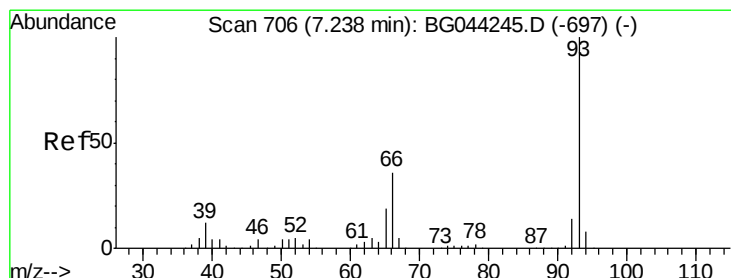
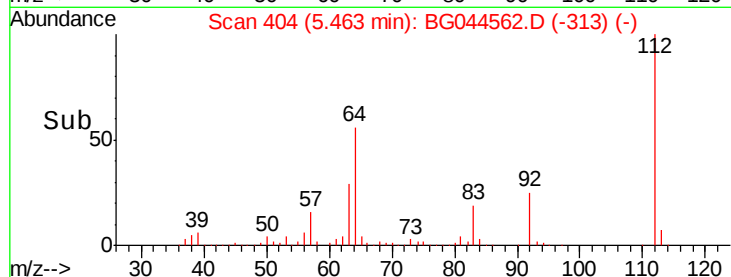
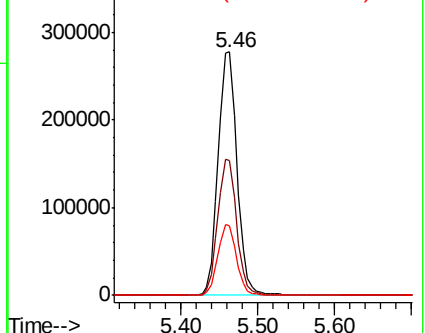
63 28.6 22.2 33.2



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: 25.039 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

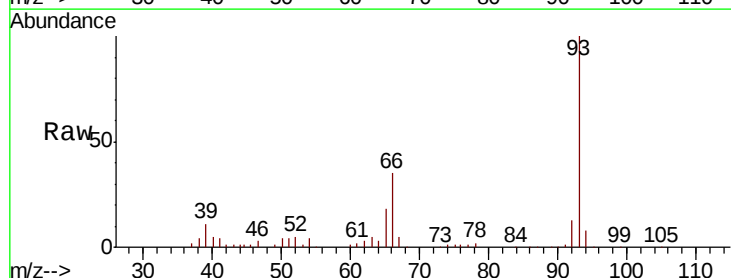
Tgt Ion: 93 Resp: 137326

Ion Ratio Lower Upper

93 100

66 35.4 29.6 44.4

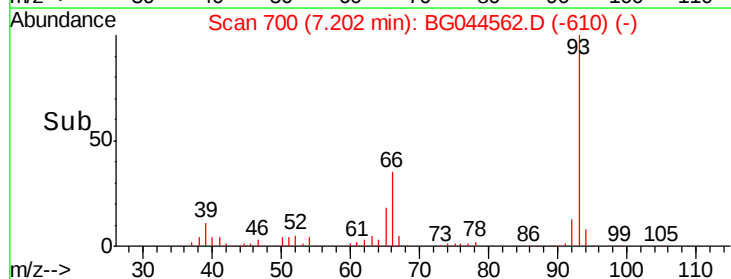
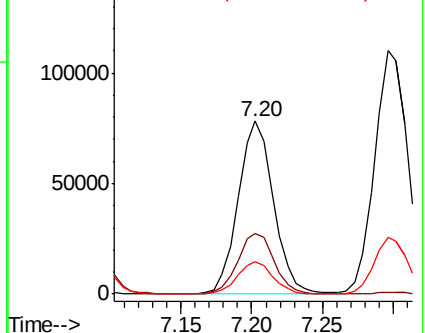
65 18.5 15.0 22.4

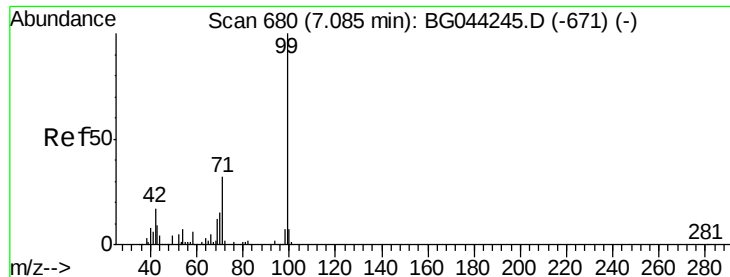


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.189 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

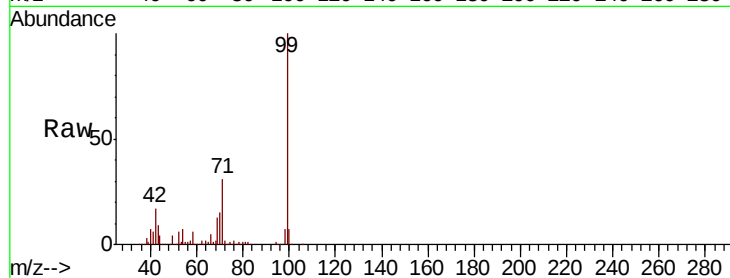
Tot Ion: 99 Resp: 566392

Ion Ratio Lower Upper

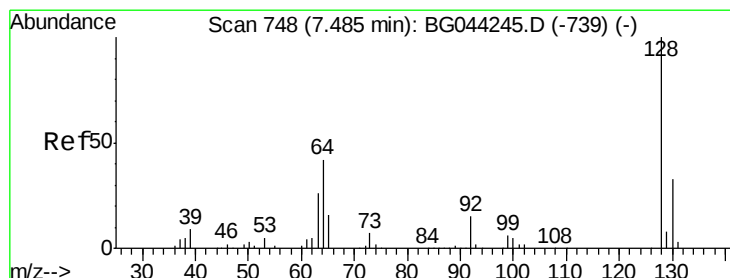
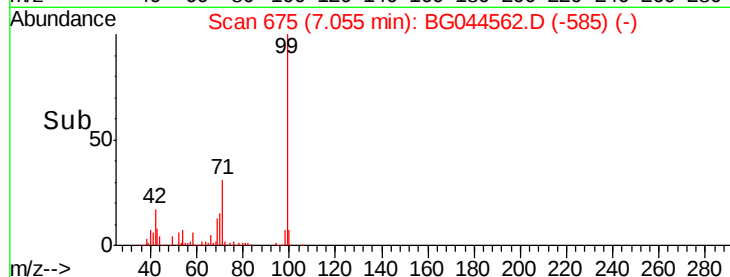
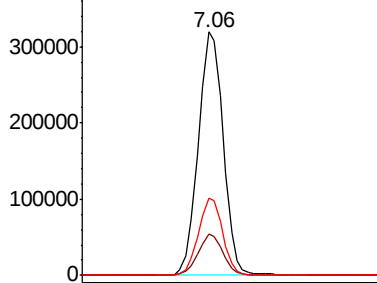
99 100

42 17.0 13.4 20.0

71 31.5 24.7 37.1



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: 54.384 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

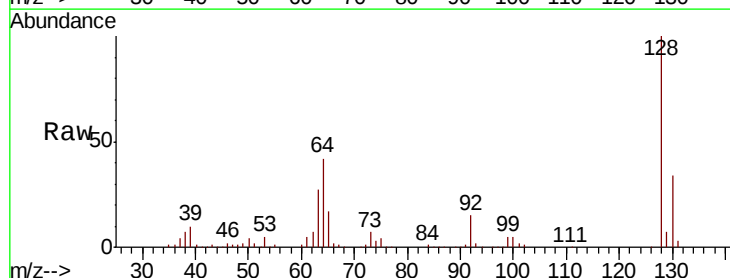
Tgt Ion: 128 Resp: 196663

Ion Ratio Lower Upper

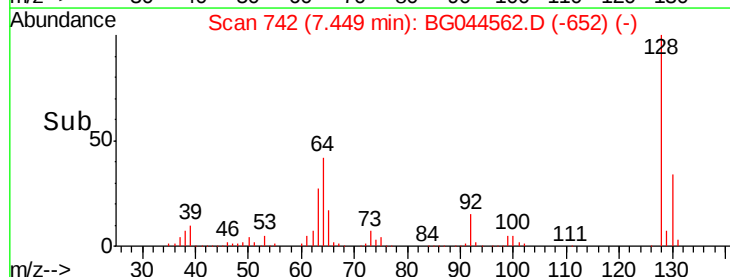
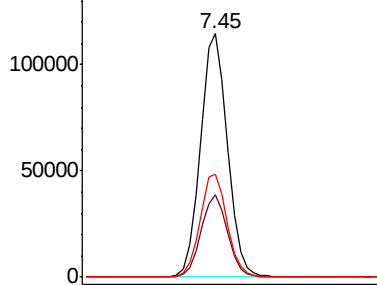
128 100

130 33.7 12.5 52.5

64 42.2 22.7 62.7



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





#9

Benzaldehyde

Concen: 34.502 ng

RT: 7.01 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

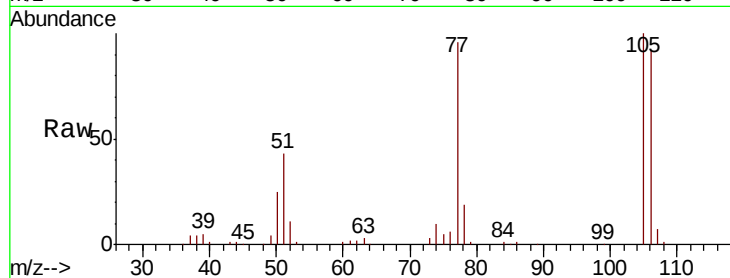
Tot Ion: 77 Resp: 86823

Ion Ratio Lower Upper

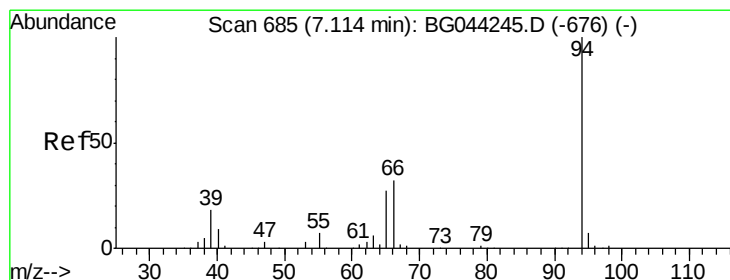
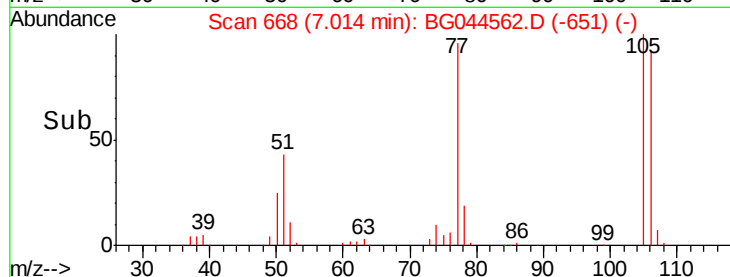
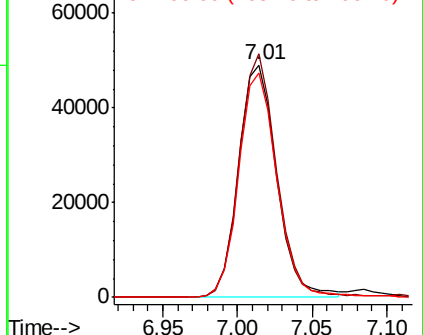
77 100

105 104.7 80.0 120.0

106 96.2 75.4 115.4



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



#10

Phenol

Concen: 48.181 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

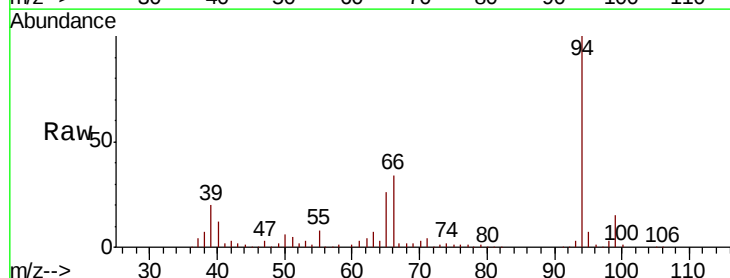
Tgt Ion: 94 Resp: 210685

Ion Ratio Lower Upper

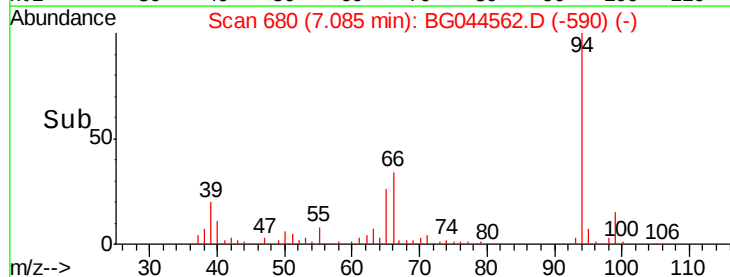
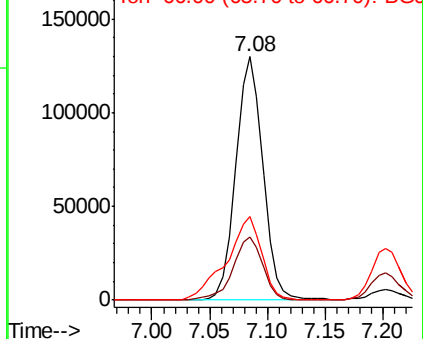
94 100

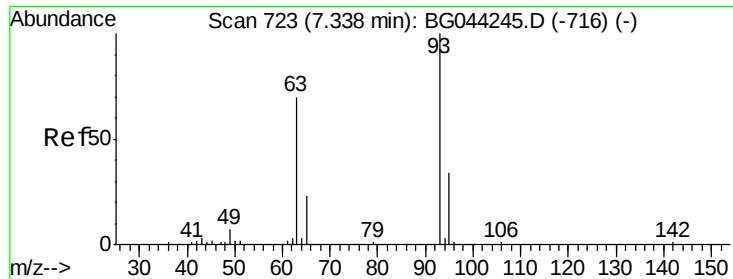
65 25.9 7.3 47.3

66 34.1 15.4 55.4



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

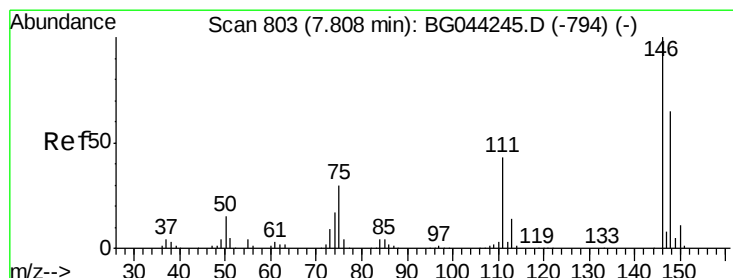
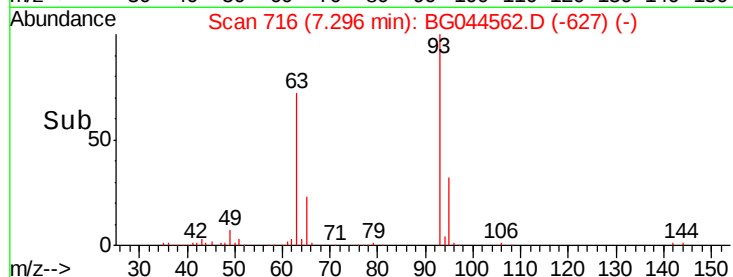
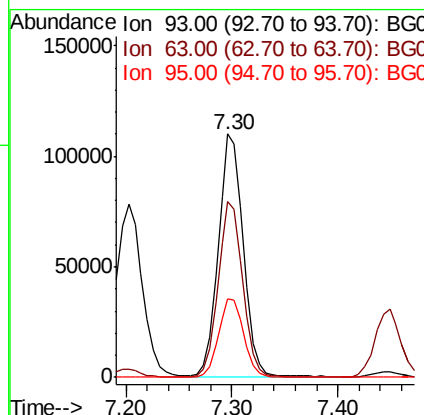
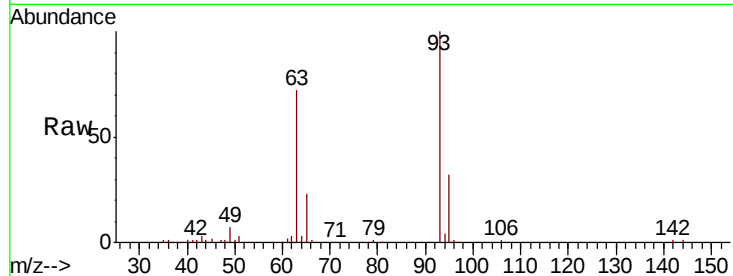




#11
 bis(2-Chloroethyl)ether
 Concen: 48.740 ng
 RT: 7.30 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

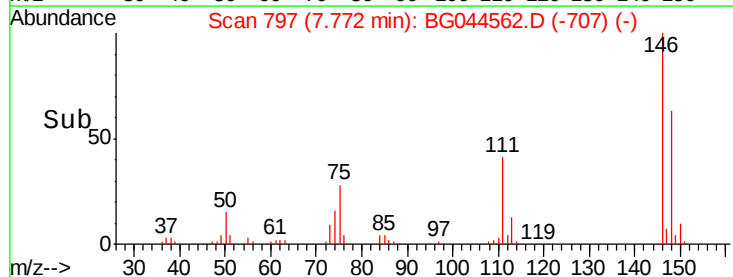
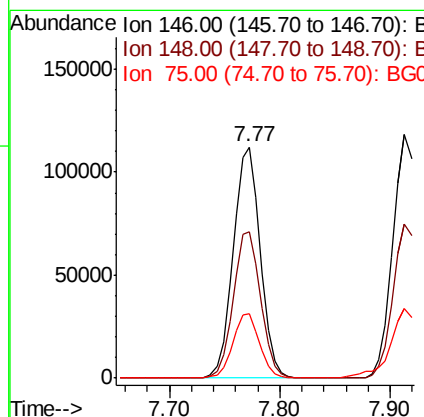
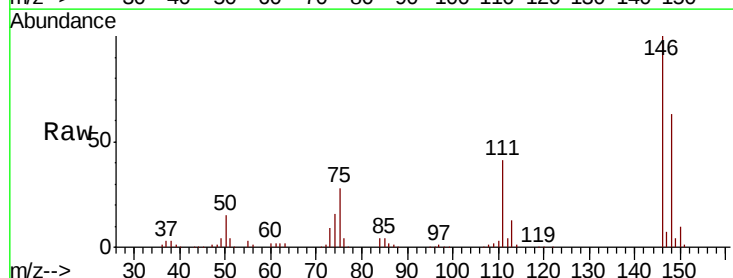
Instrument :
 BNA_G
 ClientSampled :

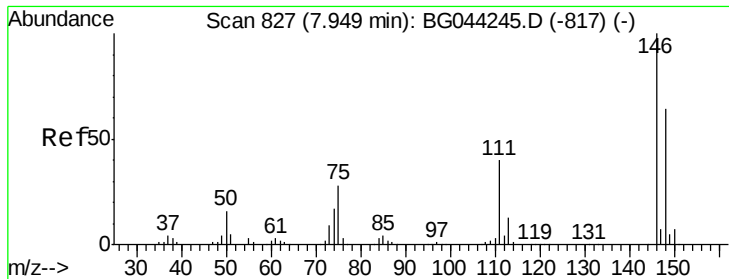
Tot Ion	93	Resp	182208
Ion Ratio	Lower	Upper	
93	100		
63	72.1	50.8	90.8
95	32.3	11.7	51.7



#12
 1,3-Dichlorobenzene
 Concen: 44.571 ng
 RT: 7.77 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	146	Resp	192436
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
75	28.2	21.9	32.9

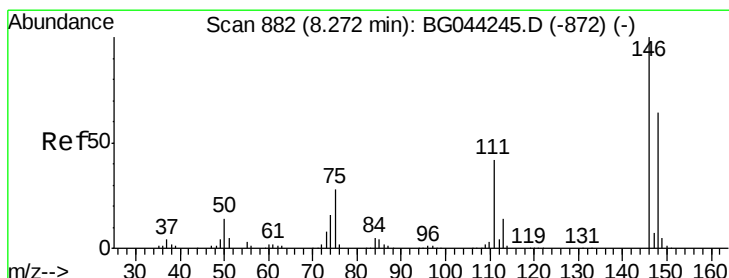
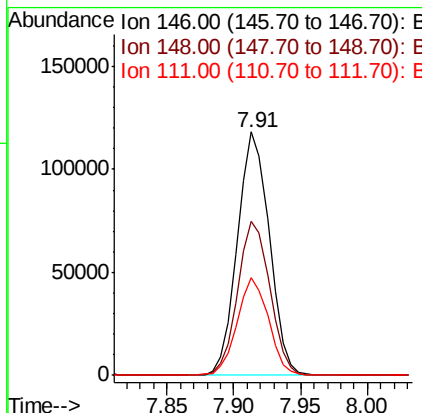
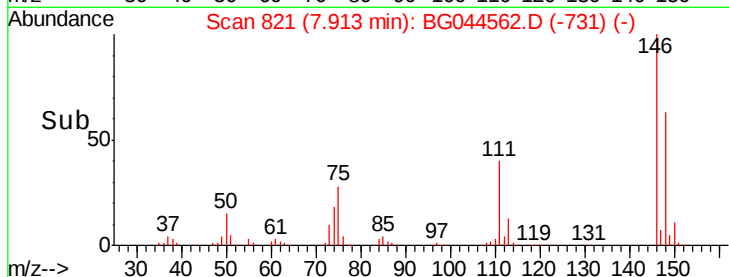
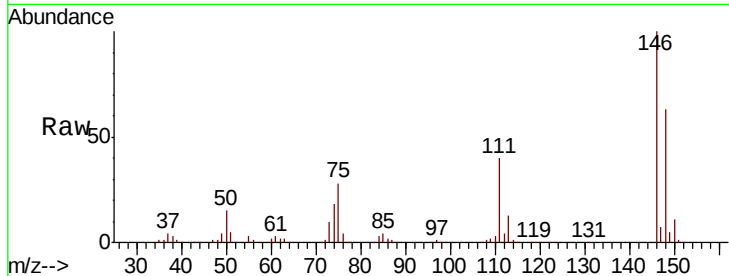




#13
 1,4-Dichlorobenzene
 Concen: 45.847 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

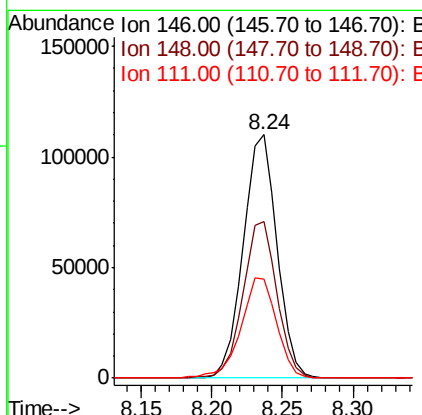
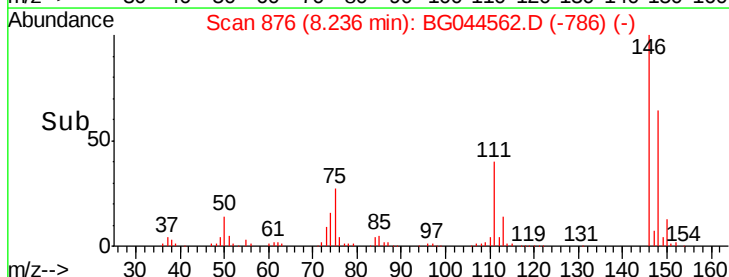
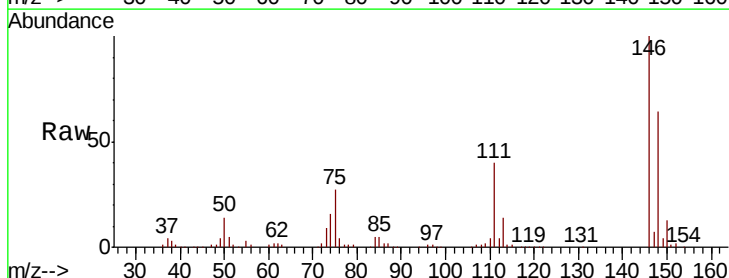
Instrument :
 BNA_G
 ClientSampleId :

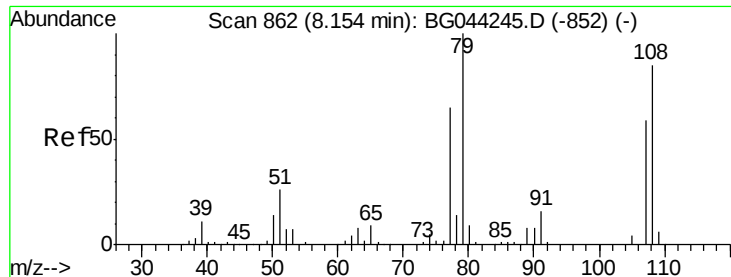
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.9	74.9
111	40.0	31.0	46.6



#14
 1,2-Dichlorobenzene
 Concen: 45.636 ng
 RT: 8.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	40.5	33.1	49.7

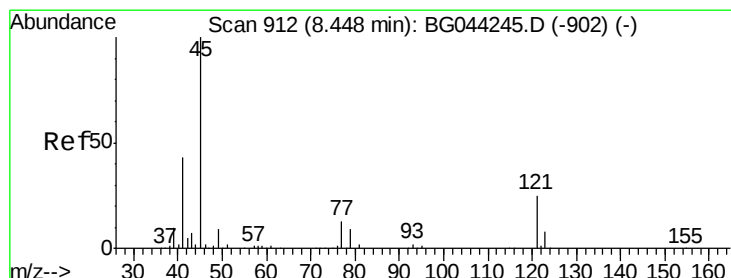
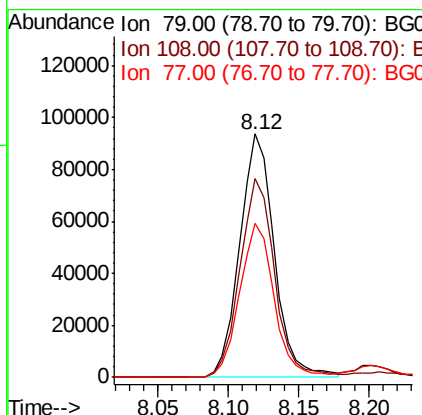
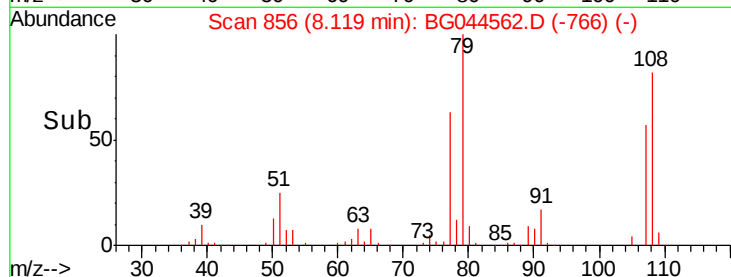
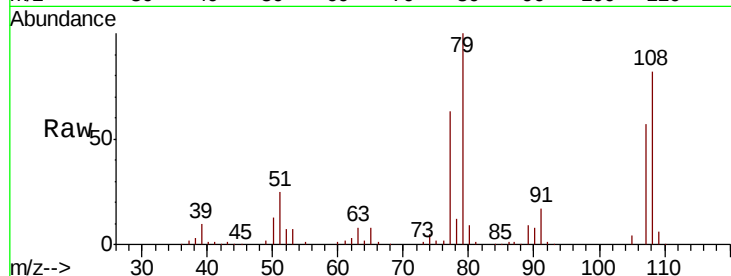




#15
Benzyl Alcohol
Concen: 51.462 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

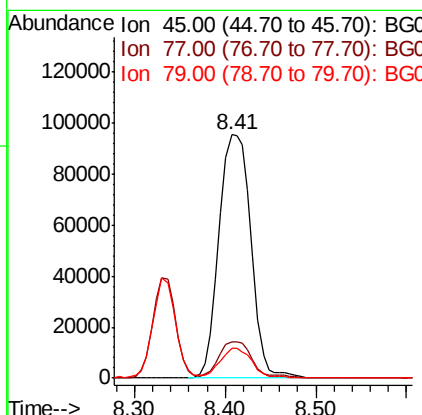
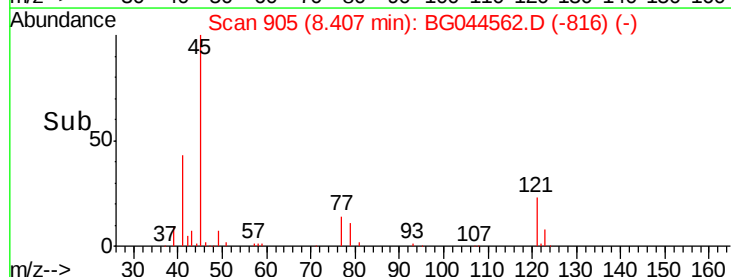
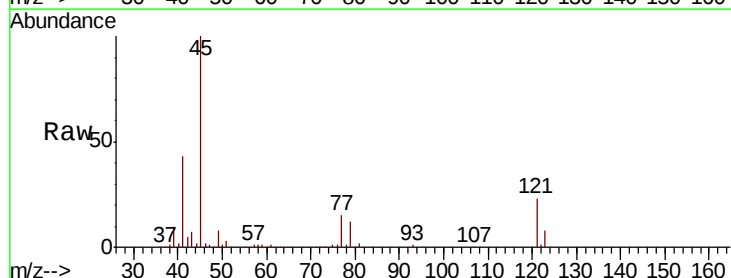
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 160979
Ion Ratio Lower Upper
79 100
108 81.5 66.0 99.0
77 63.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.926 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion: 45 Resp: 232380
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.2
79 12.1 0.0 30.9

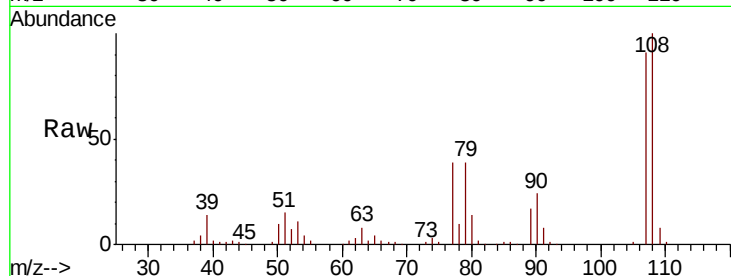




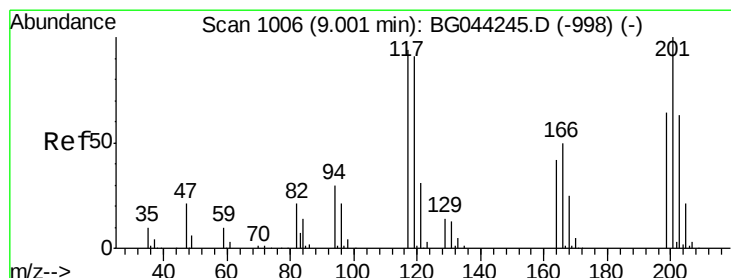
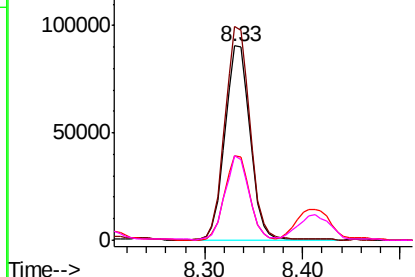
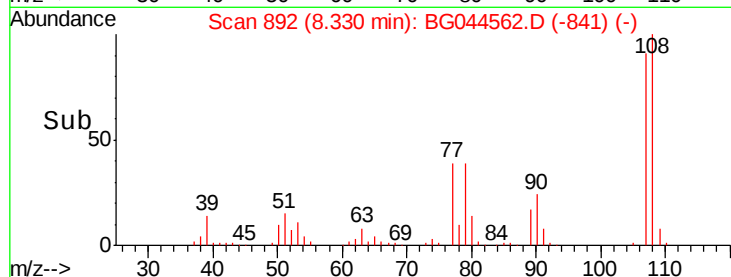
#17
2-Methylphenol
Concen: 51.665 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	161187
Ion	Ratio	Lower	Upper
107	100		
108	109.8	88.1	132.1
77	43.3	33.8	50.6
79	43.2	32.7	49.1

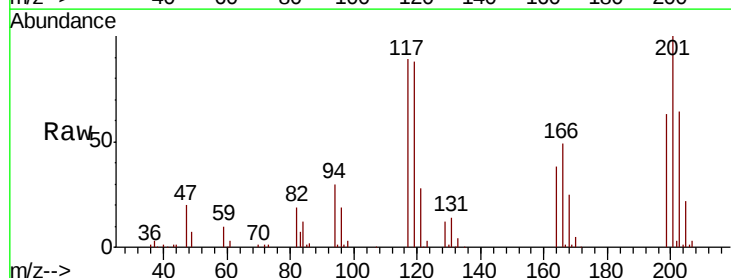


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

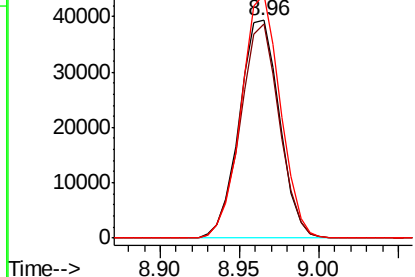
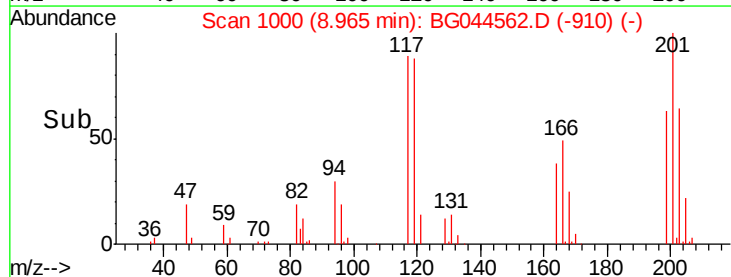


#18
Hexachloroethane
Concen: 43.113 ng
RT: 8.96 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:	117	Resp:	69183
Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.5	113.3
201	111.9	88.6	133.0



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

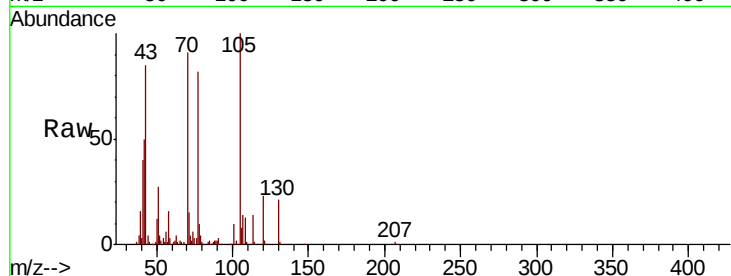




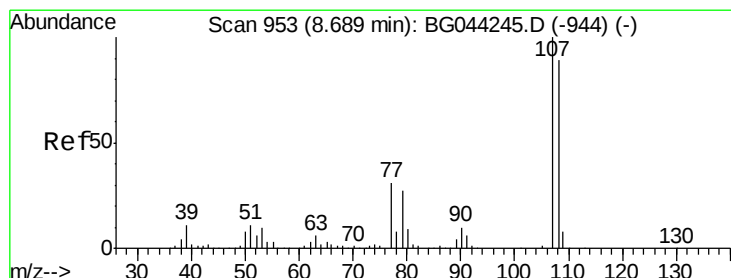
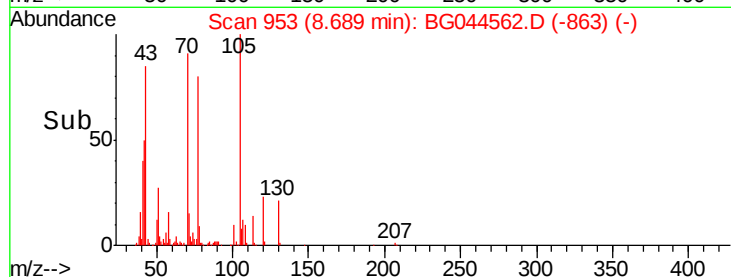
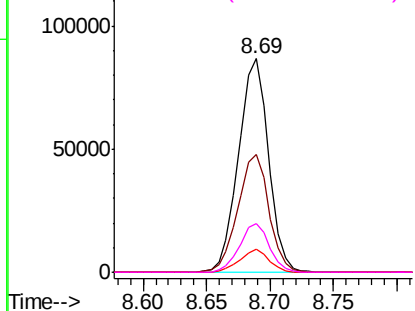
#19
n-Nitroso-di-n-propylamine
Concen: 48.389 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	142488
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.0	66.0
101	10.7	7.6	11.4
130	22.9	18.2	27.2

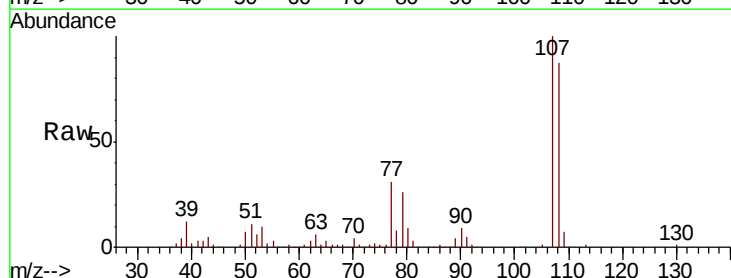


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

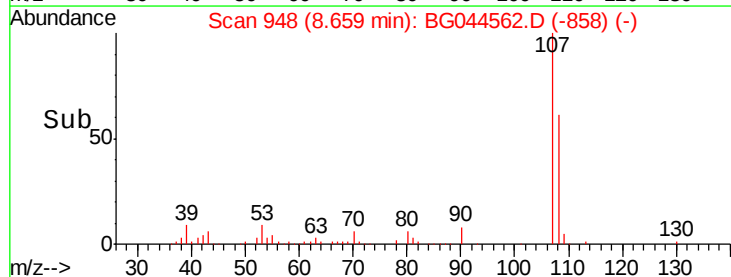
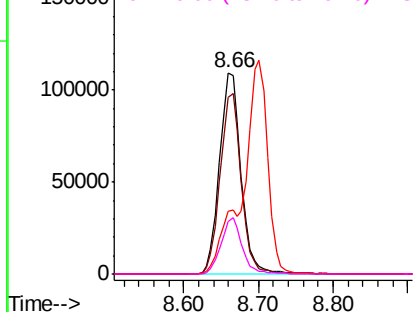


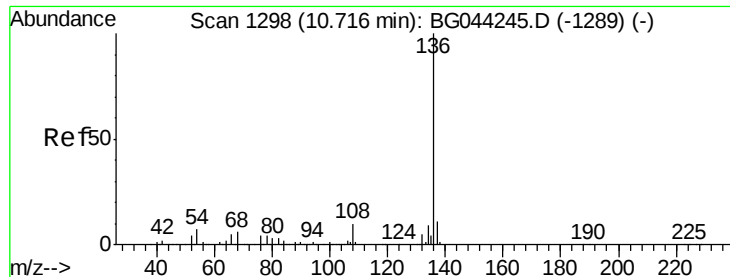
#20
3+4-Methylphenols
Concen: 50.966 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:	107	Resp:	219138
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.2	109.2
77	30.9	10.5	50.5
79	26.1	6.4	46.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 230520

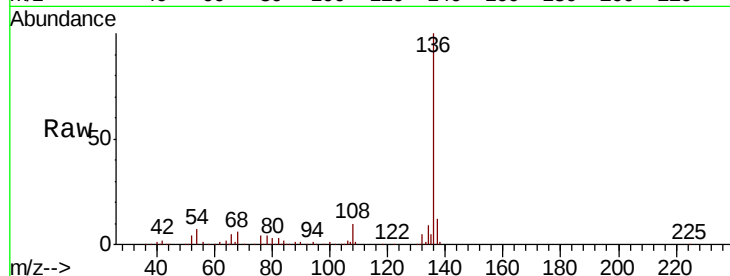
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 7.3 5.5 8.3

68 5.8 4.6 6.8

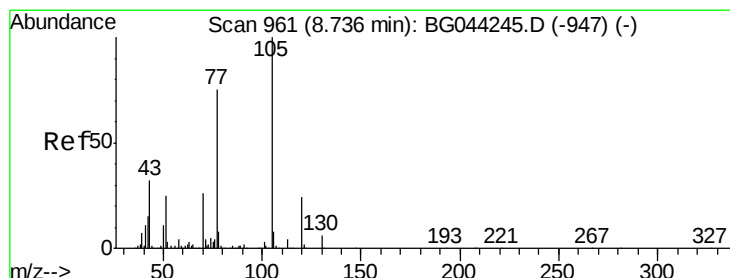
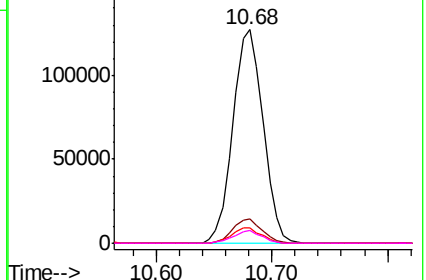
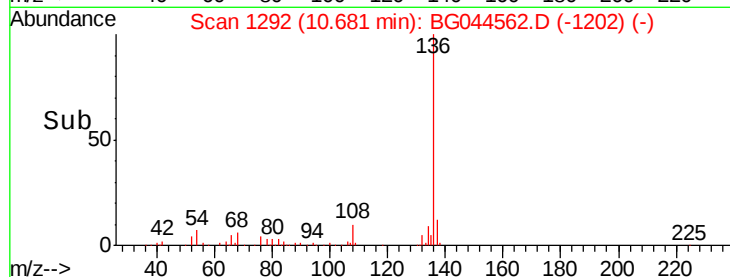


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 48.149 ng

RT: 8.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:105 Resp: 270014

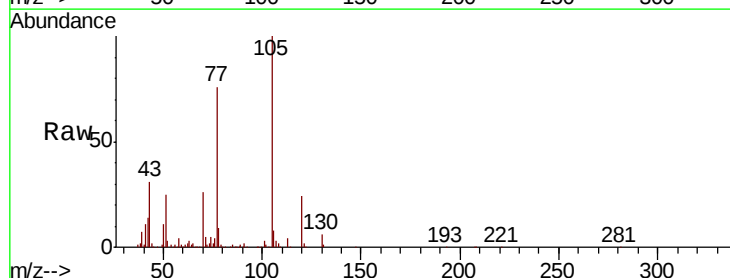
Ion Ratio Lower Upper

105 100

71 4.7 4.2 6.4

51 25.1 20.1 30.1

120 23.6 18.9 28.3

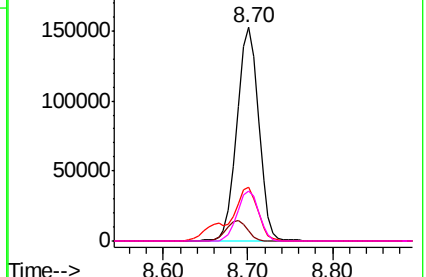
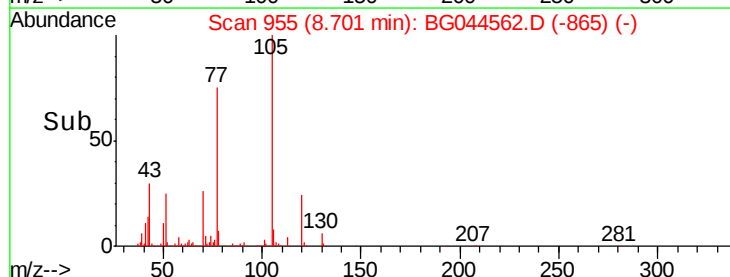


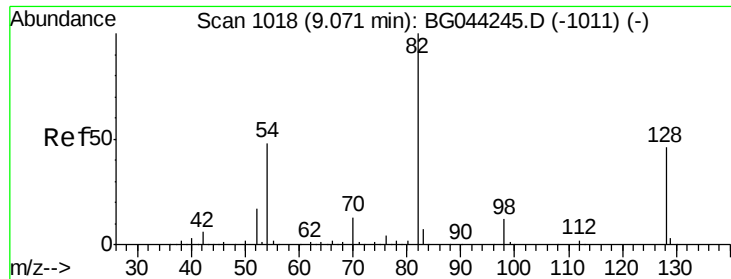
Abundance Ion 105.00 (104.70 to 105.70): E

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

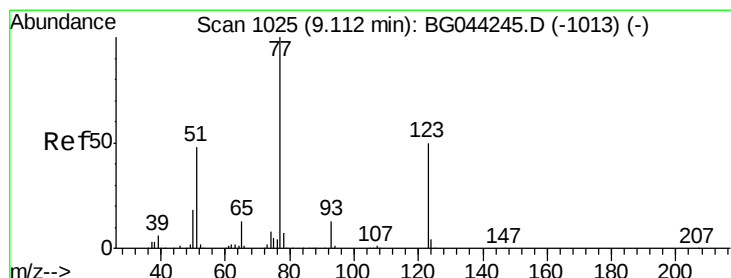
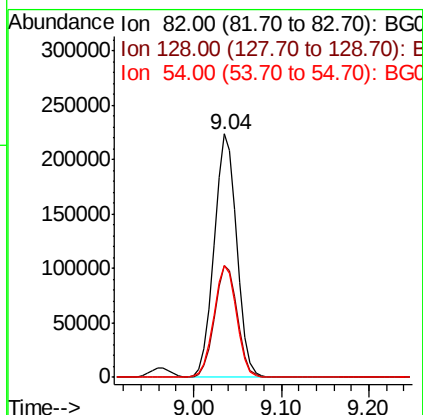
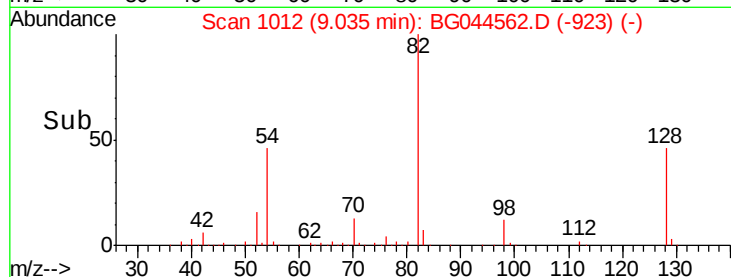
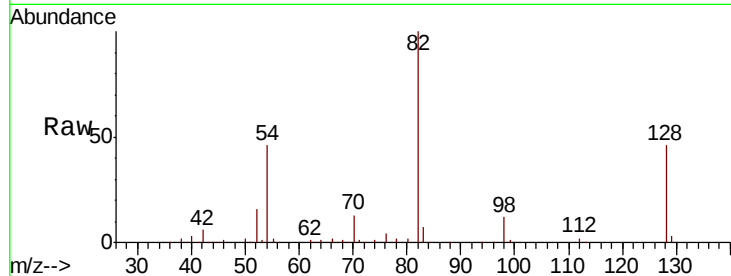




#23
 Nitrobenzene-d5
 Concen: 98.351 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

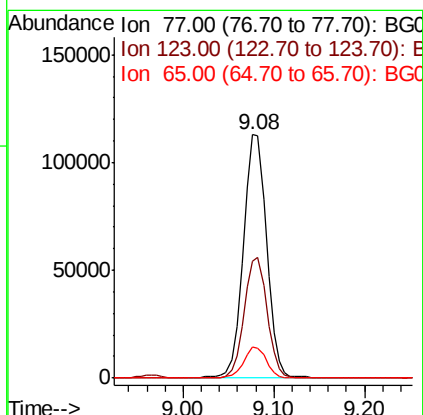
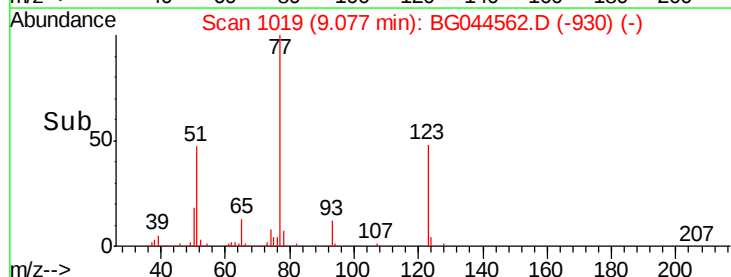
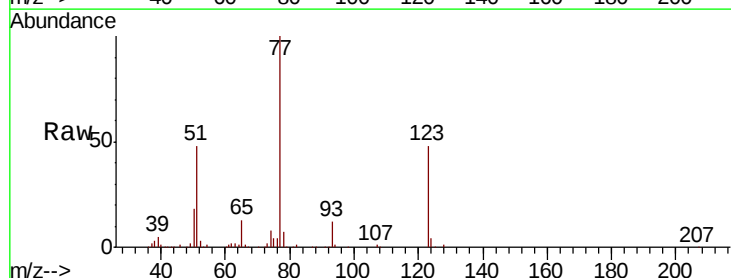
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	39.1	58.7
54	46.0	37.9	56.9



#24
 Nitrobenzene
 Concen: 50.605 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	40.2	60.2
65	12.6	10.8	16.2

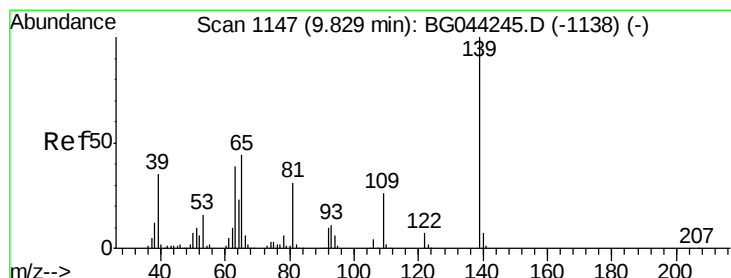
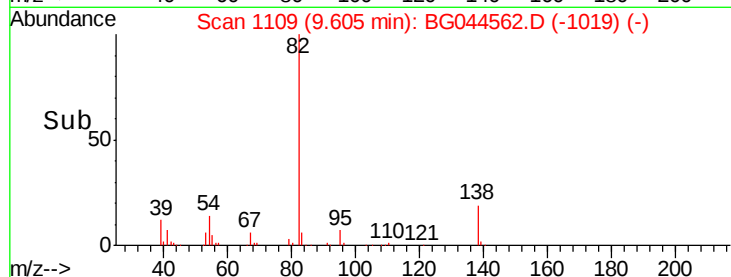
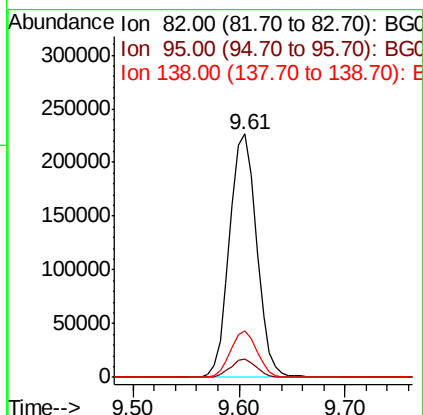
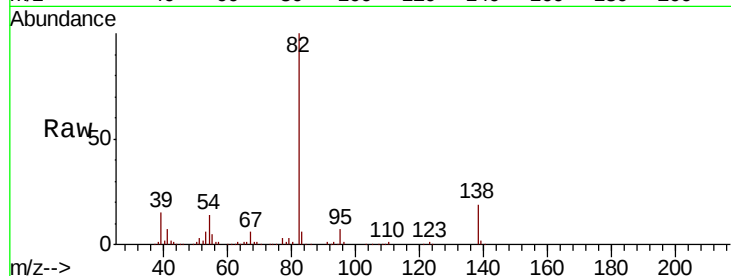




#25
Isophorone
Concen: 52.903 ng
RT: 9.61 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

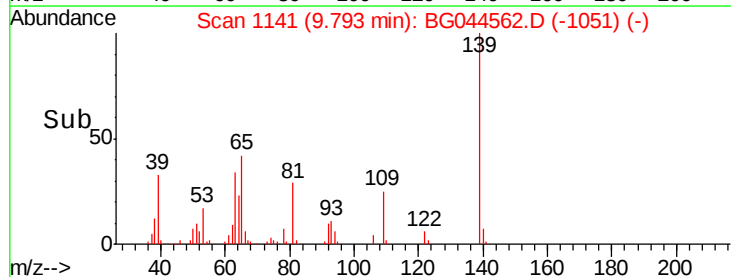
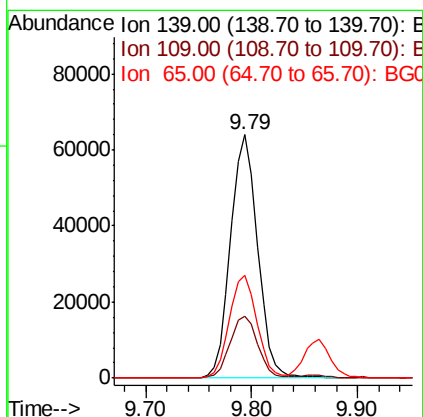
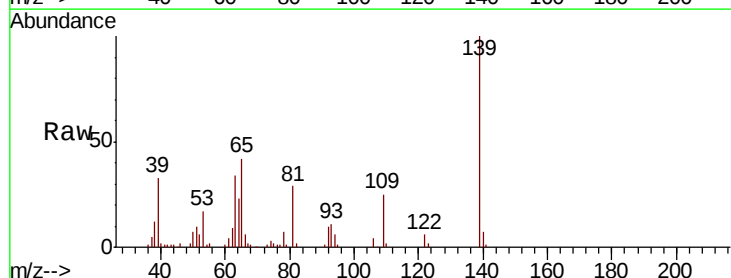
Instrument :
BNA_G
ClientSampleId :

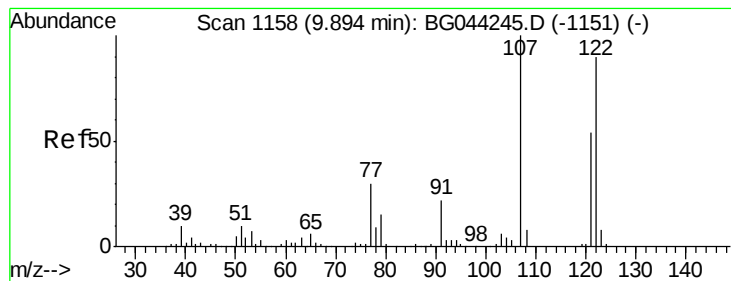
Tot Ion: 82 Resp: 402616
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 19.2 14.6 22.0



#26
2-Nitrophenol
Concen: 54.802 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion: 139 Resp: 113351
Ion Ratio Lower Upper
139 100
109 25.4 20.1 30.1
65 42.4 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 63.759 ng

RT: 9.86 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

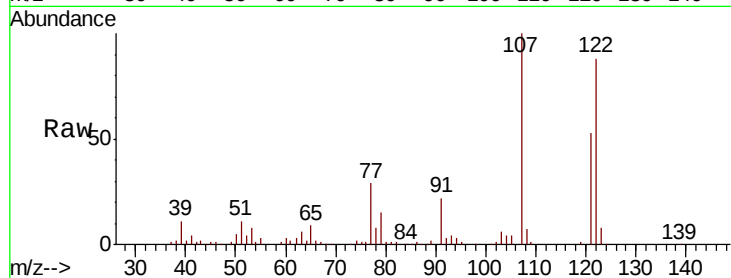
Tot Ion:122 Resp: 186159

Ion Ratio Lower Upper

122 100

107 113.8 89.8 134.8

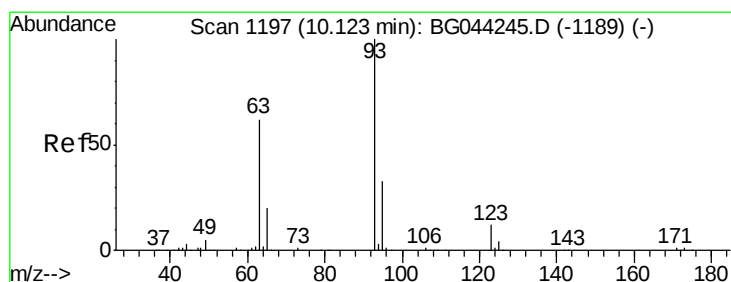
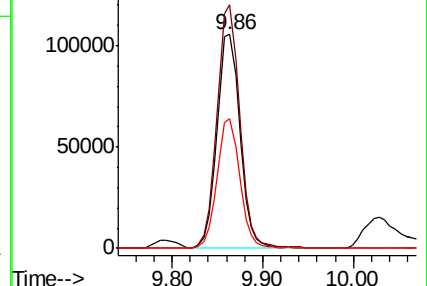
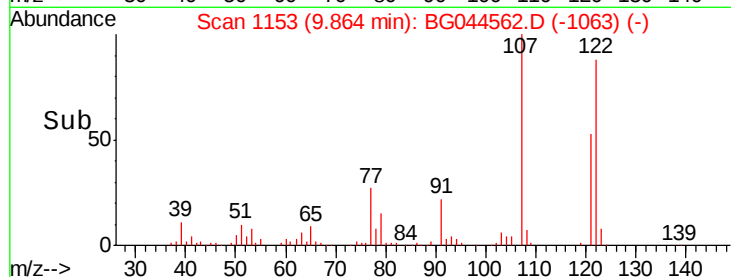
121 60.8 48.1 72.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.815 ng

RT: 10.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

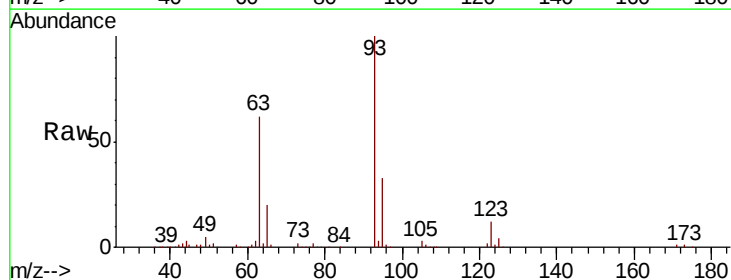
Tgt Ion: 93 Resp: 247832

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

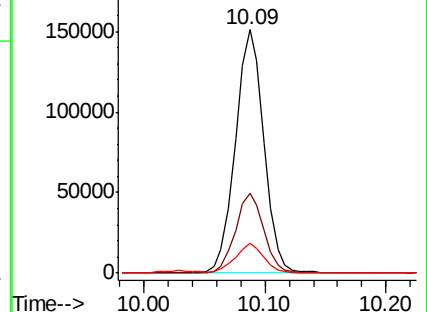
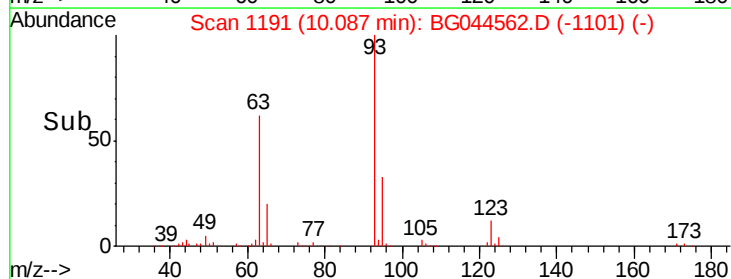
123 12.3 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

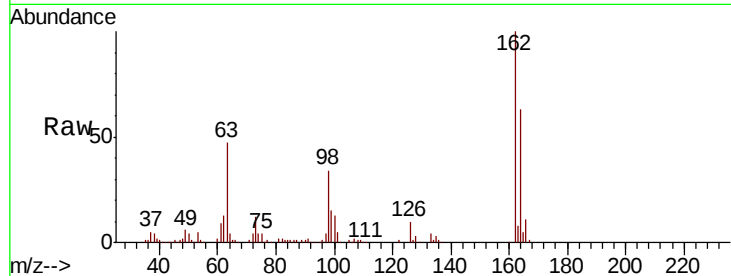




#29
2,4-Dichlorophenol
Concen: 55.238 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.5	85.5
98	34.4	15.1	55.1

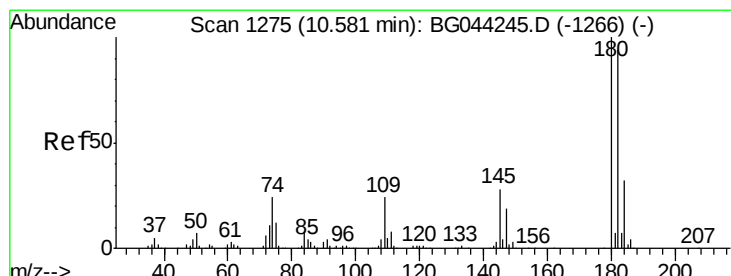
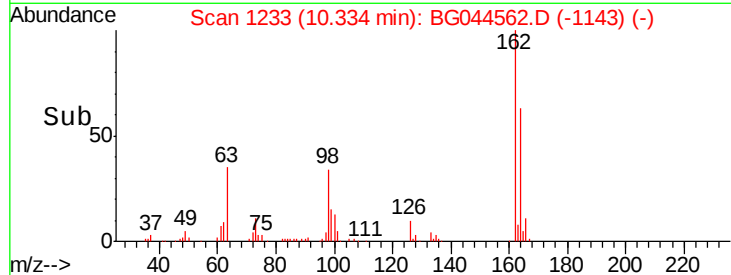
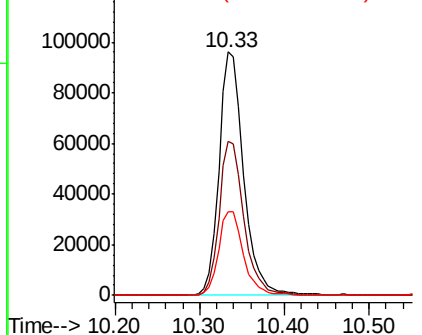


Abundance

Ion 162.00 (161.70 to 162.70): E

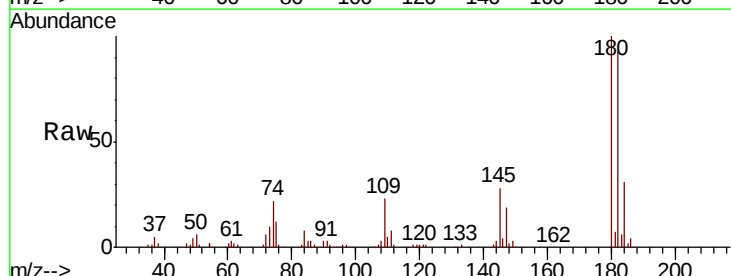
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 48.240 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.4	111.6
145	27.5	23.0	34.6

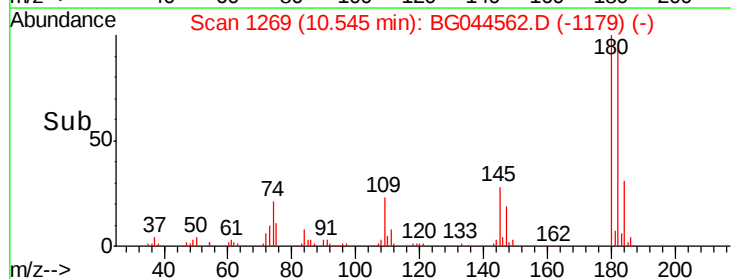
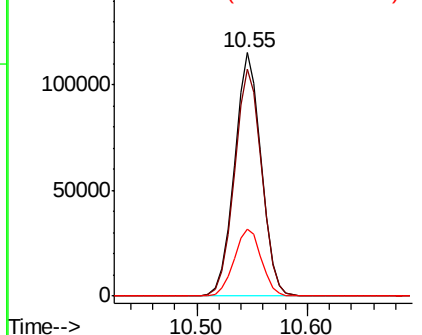


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

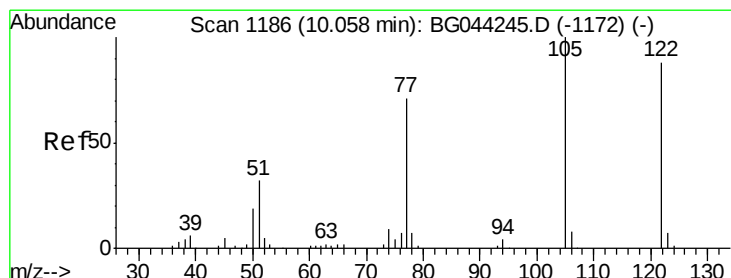
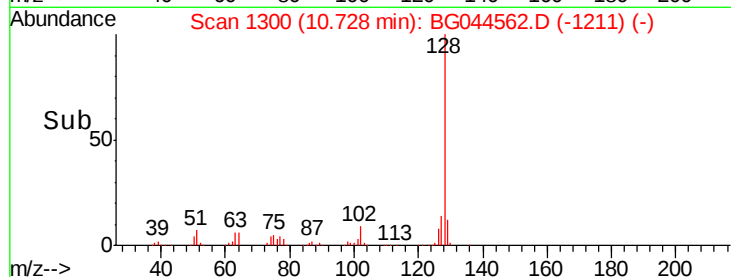
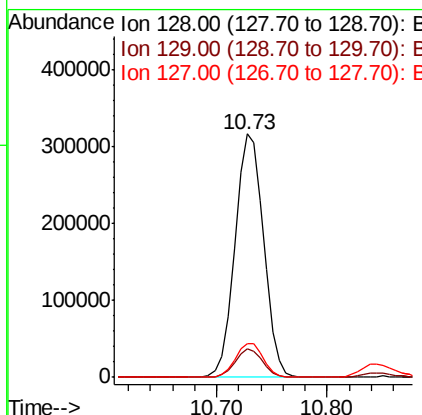
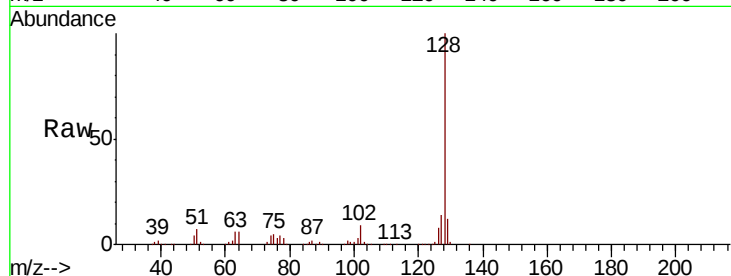




#31
Naphthalene
Concen: 51.608 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

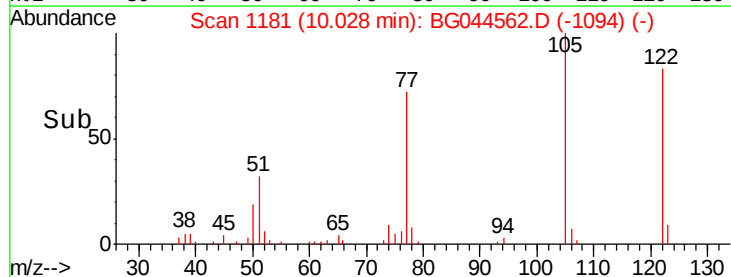
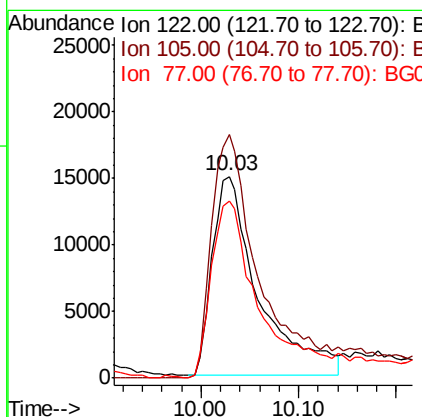
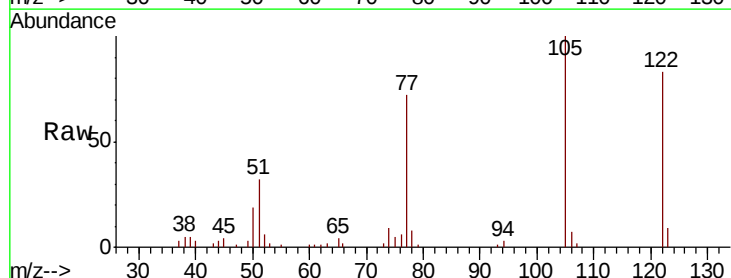
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 577192
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 32.376 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:122 Resp: 49677
Ion Ratio Lower Upper
122 100
105 120.8 101.4 141.4
77 87.5 68.6 108.6

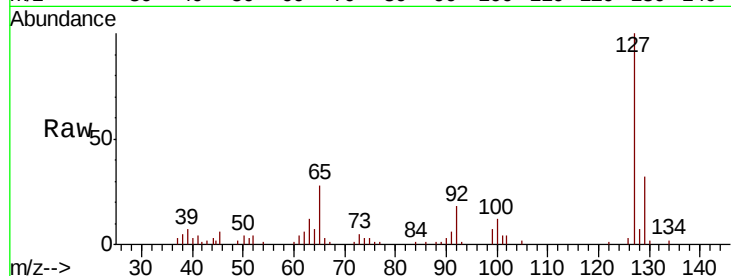




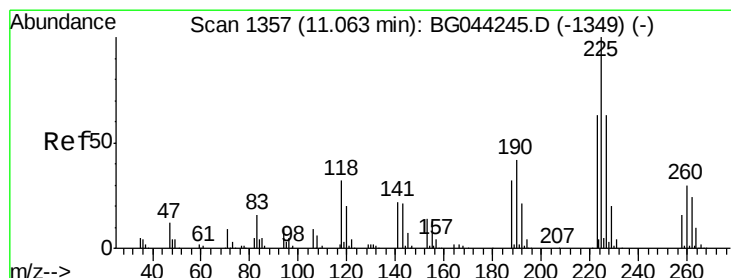
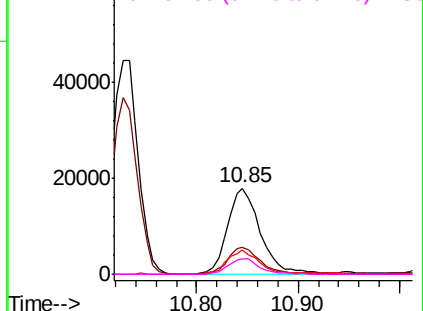
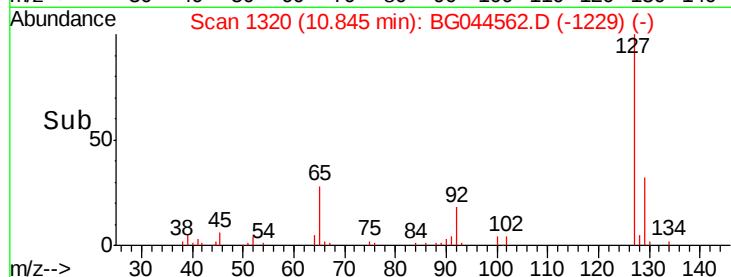
#33
4-Chloroaniline
Concen: 7.943 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	40402
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	27.7	22.1	33.1
92	18.0	14.6	22.0

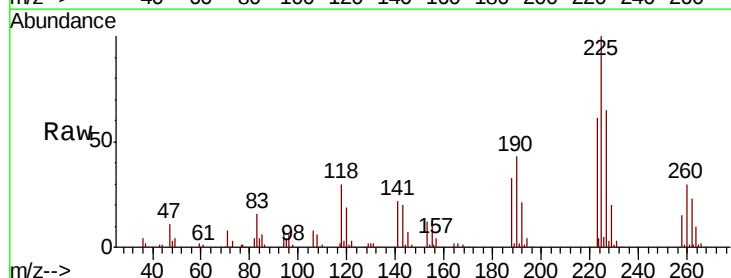


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

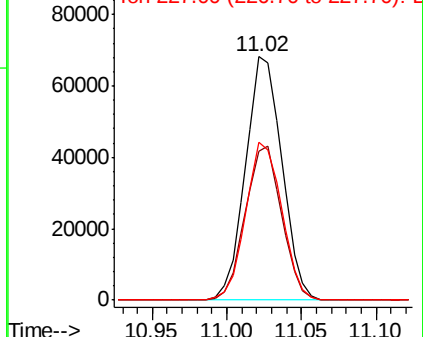
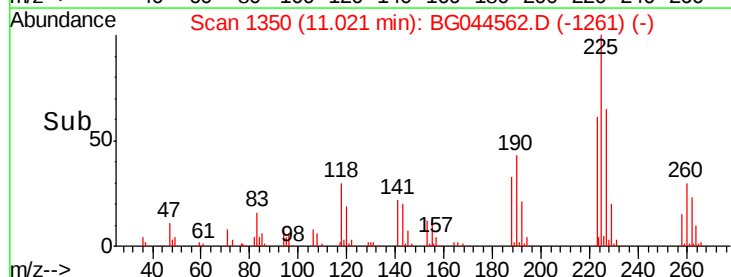


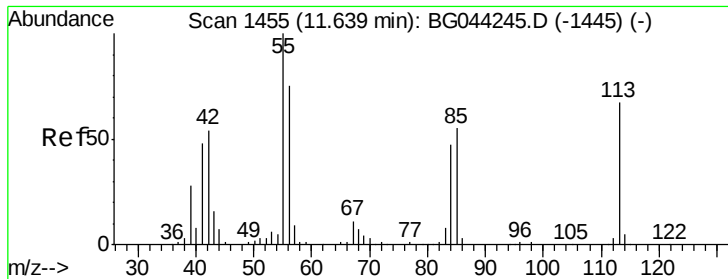
#34
Hexachlorobutadiene
Concen: 46.181 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:	225	Resp:	115035
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.4	75.6
227	64.6	51.0	76.6



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

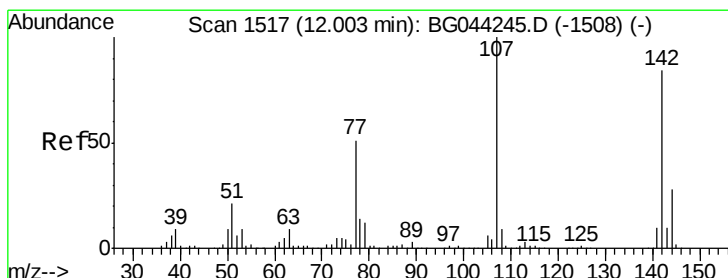
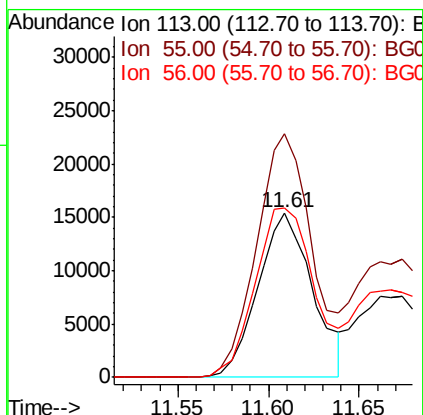
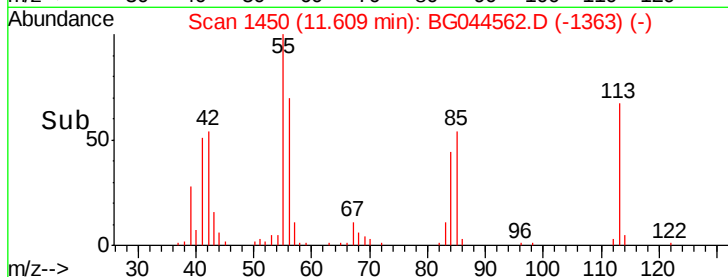
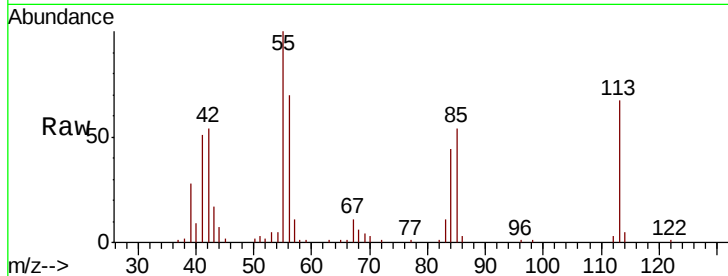




#35
Caprolactam
Concen: 24.980 ng
RT: 11.61 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

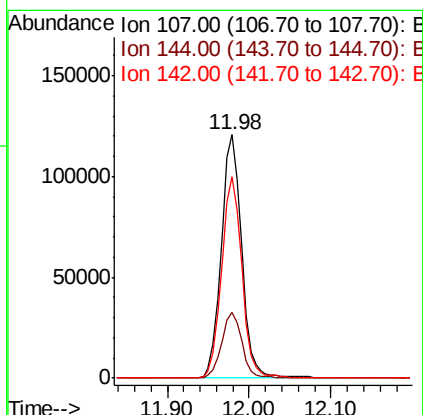
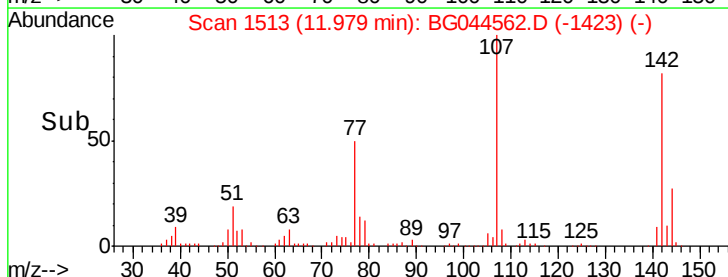
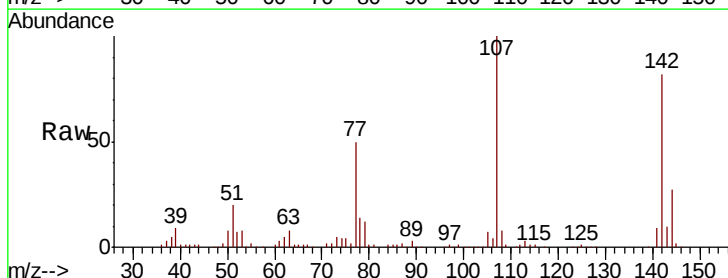
Instrument :
BNA_G
ClientSampleId :

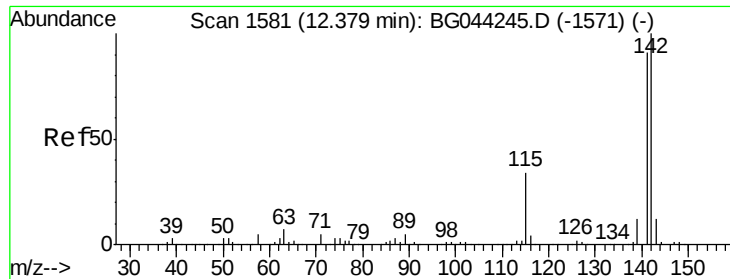
Tot Ion:113 Resp: 32306
Ion Ratio Lower Upper
113 100
55 148.2 126.4 166.4
56 103.3 85.8 125.8



#36
4-Chloro-3-methylphenol
Concen: 56.714 ng
RT: 11.98 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:107 Resp: 209929
Ion Ratio Lower Upper
107 100
144 27.0 22.7 34.1
142 82.5 67.7 101.5

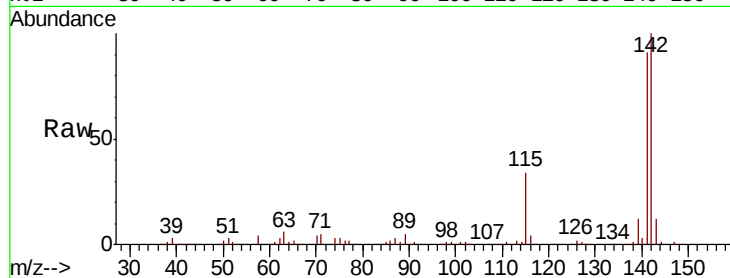




#37
2-Methylnaphthalene
Concen: 52.070 ng
RT: 12.34 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	33.5	26.7	40.1

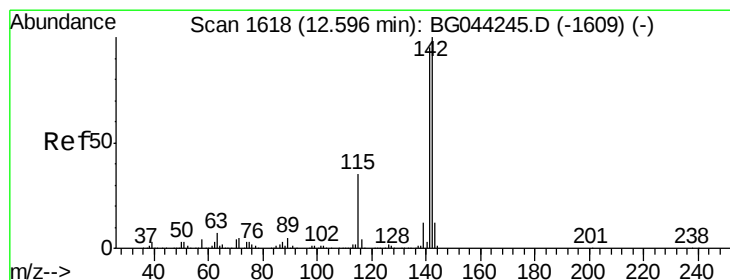
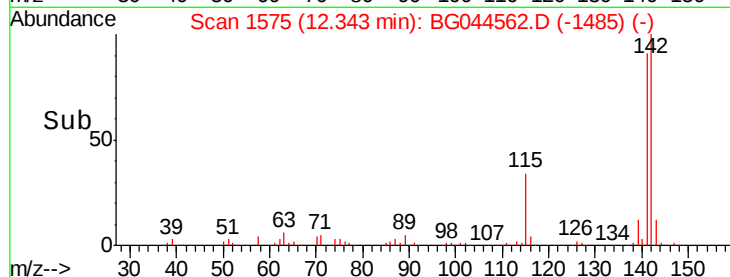
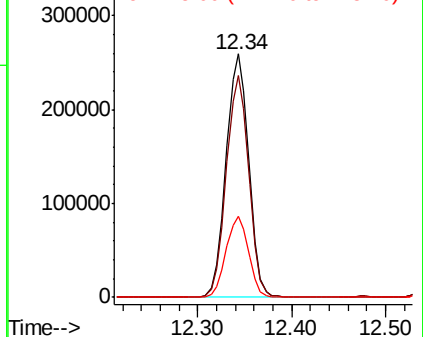


Abundance

Ion 142.00 (141.70 to 142.70): E

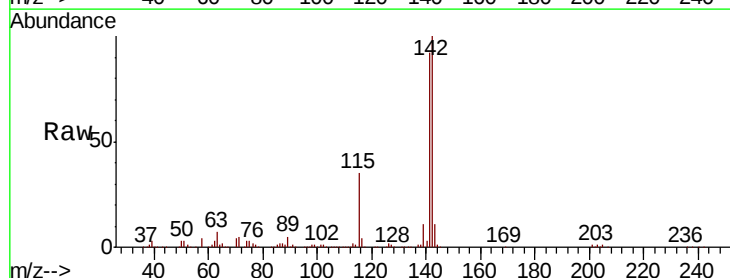
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 52.667 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.1	112.7
116	3.6	3.2	4.8

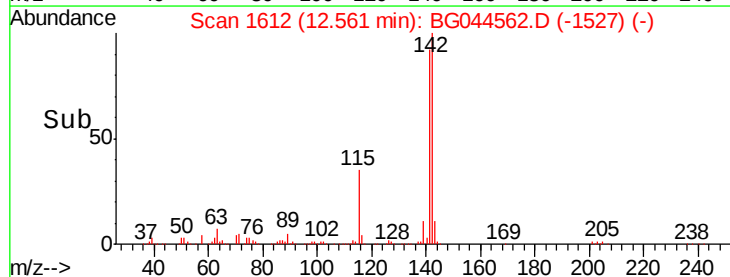
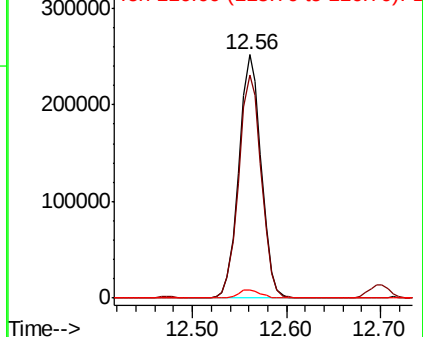


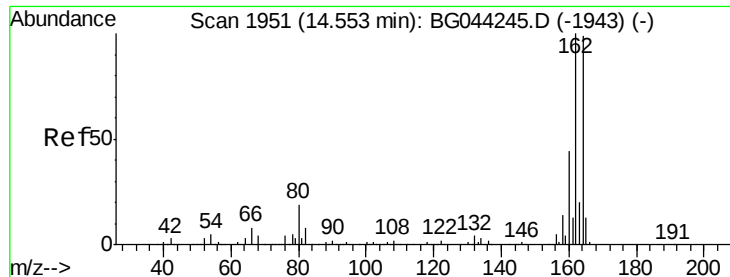
Abundance

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# 1946

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

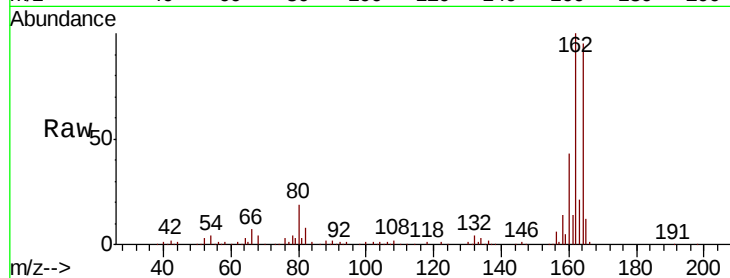
Tot Ion:164 Resp: 153041

Ion Ratio Lower Upper

164 100

162 104.7 81.9 122.9

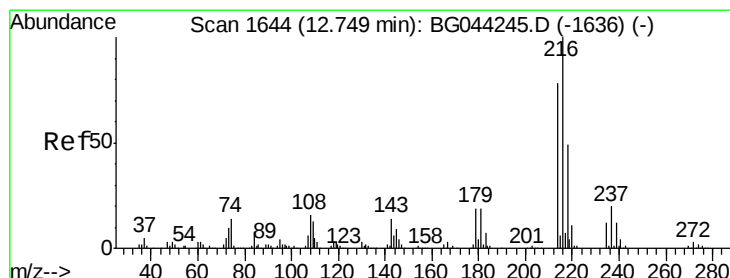
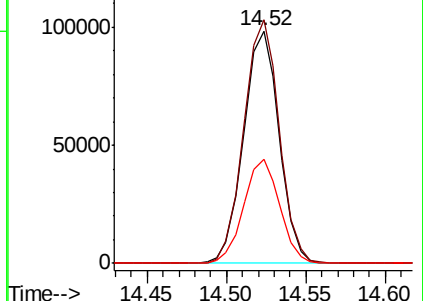
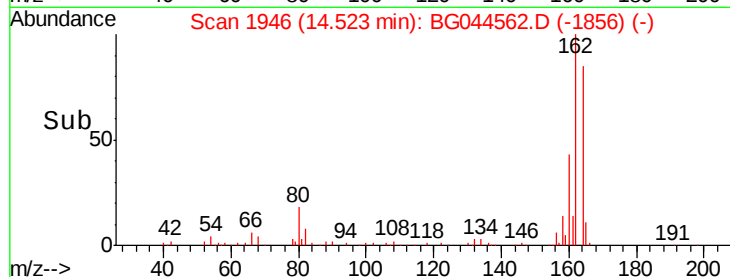
160 44.6 35.5 53.3



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: 47.665 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:216 Resp: 218207

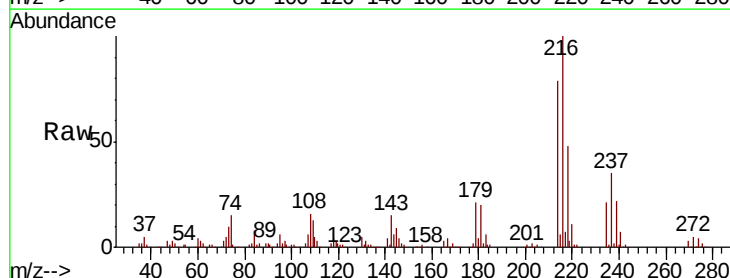
Ion Ratio Lower Upper

216 100

214 79.0 64.0 96.0

179 20.6 16.3 24.5

108 17.7 13.0 19.6

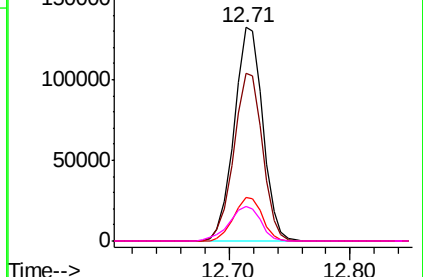
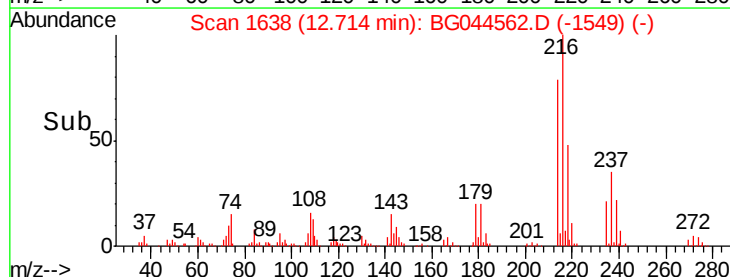


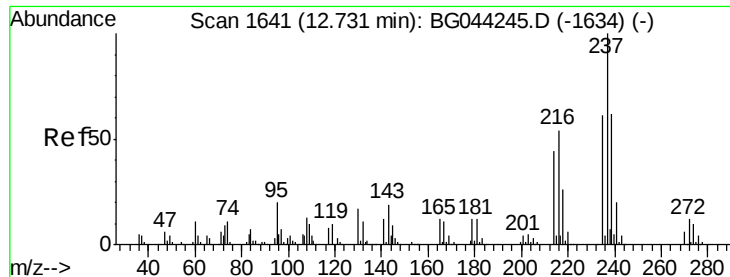
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.586 ng

RT: 12.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

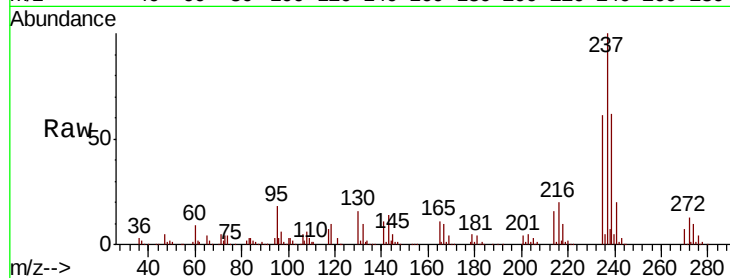
Tot Ion:237 Resp: 192394

Ion Ratio Lower Upper

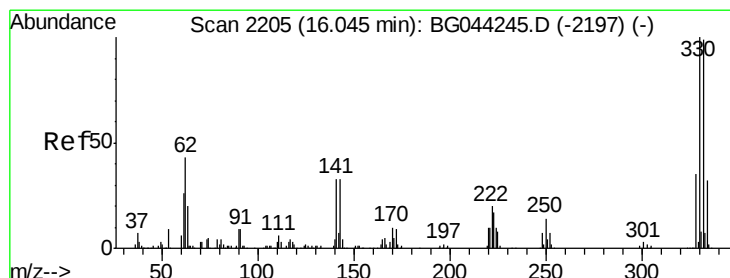
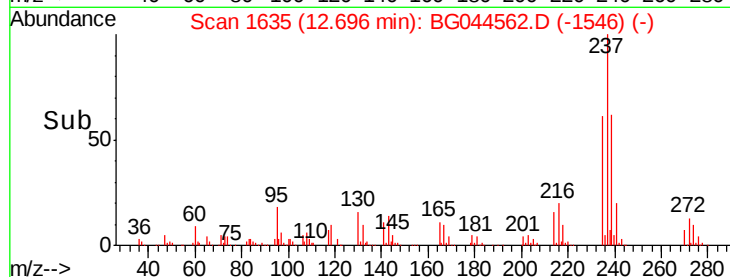
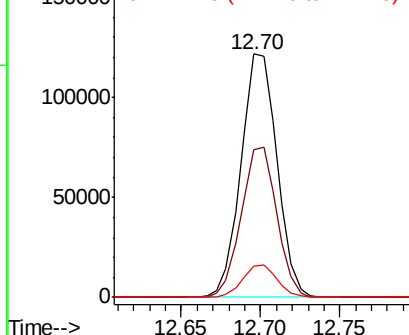
237 100

235 60.7 41.7 81.7

272 12.6 0.0 33.4



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: 159.543 ng

RT: 16.02 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

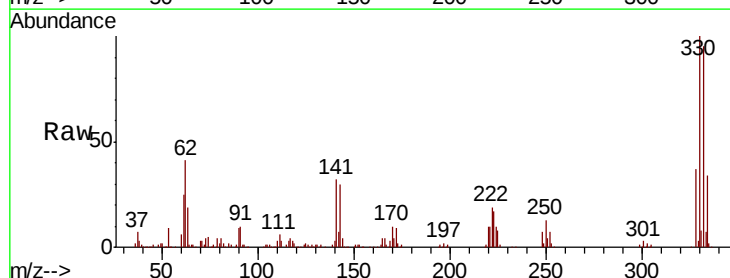
Tgt Ion:330 Resp: 286638

Ion Ratio Lower Upper

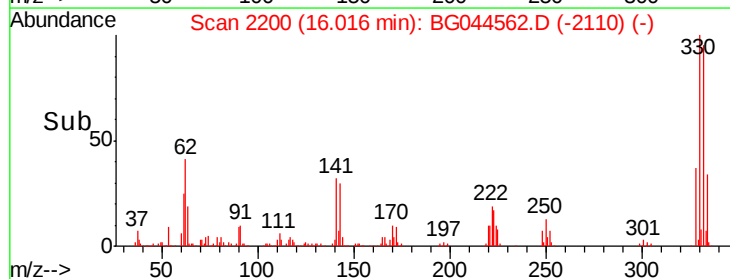
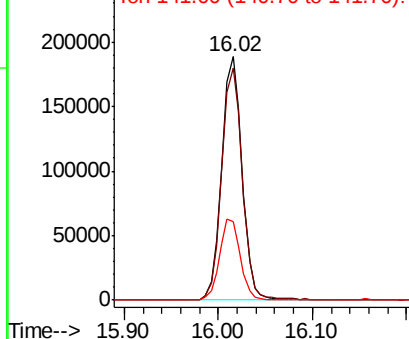
330 100

332 96.5 76.6 115.0

141 34.2 26.5 39.7



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

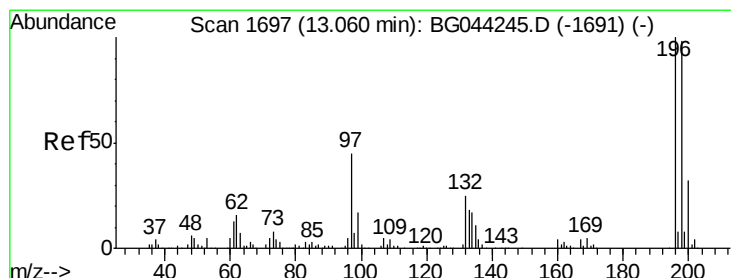
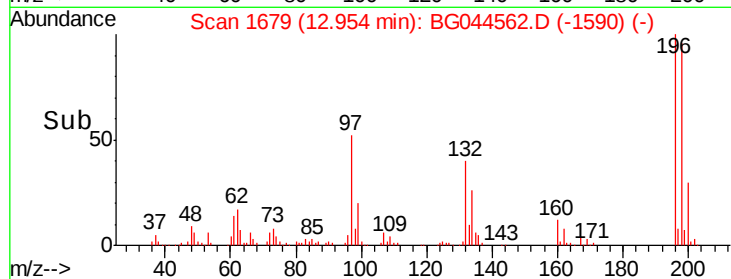
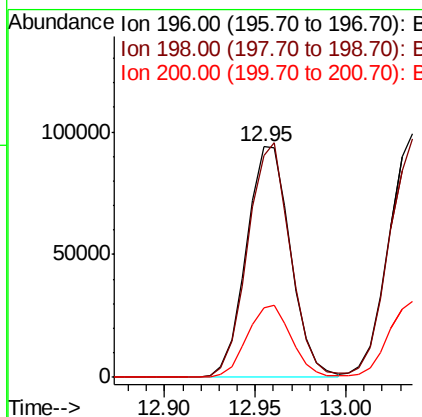
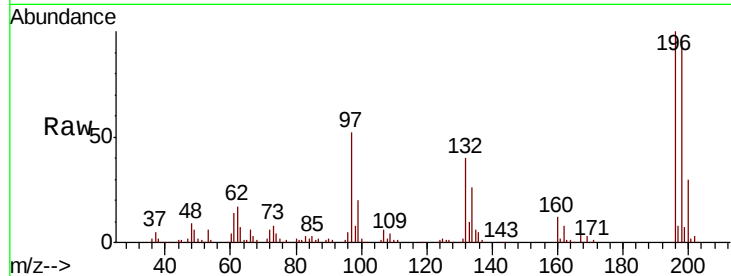




#43
 2,4,6-Trichlorophenol
 Concen: 53.746 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

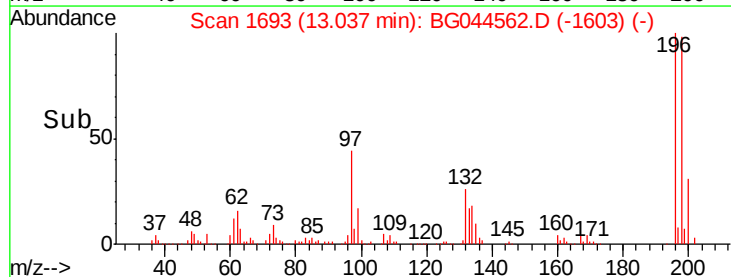
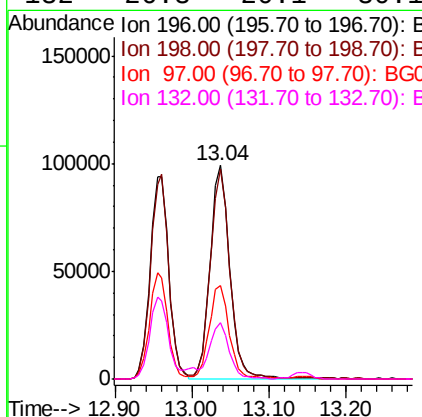
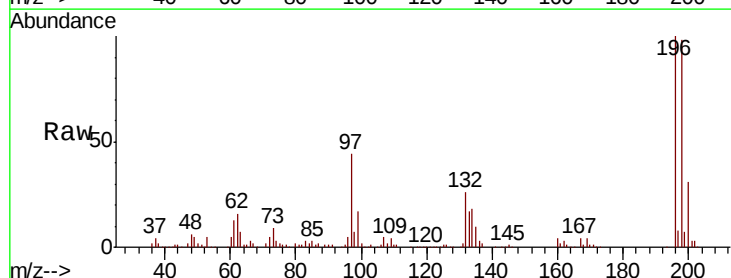
Instrument :
 BNA_G
 ClientSampleId :

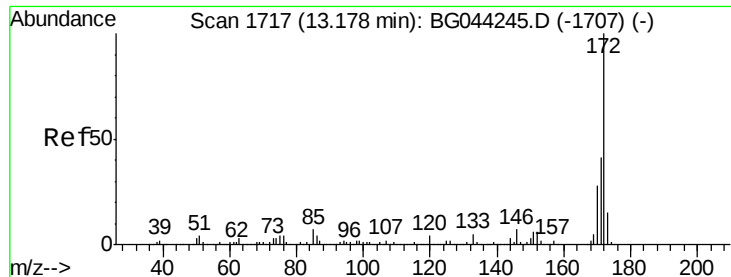
Tot Ion	196	Resp	159037
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.8	116.8
200	30.4	25.6	38.4



#44
 2,4,5-Trichlorophenol
 Concen: 57.608 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	196	Resp	174114
Ion Ratio	Lower	Upper	
196	100		
198	98.2	79.9	119.9
97	43.9	35.2	52.8
132	26.3	20.1	30.1

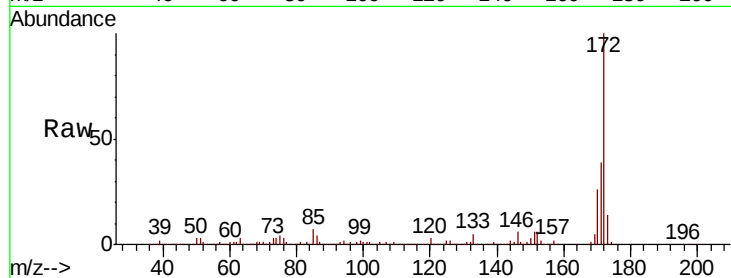




#45
2-Fluorobiphenyl
Concen: 101.577 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.3	48.5
170	26.1	21.6	32.4

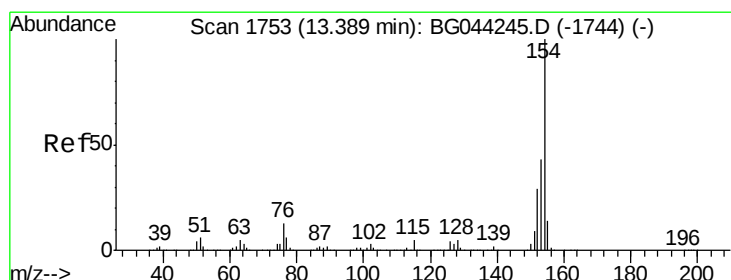
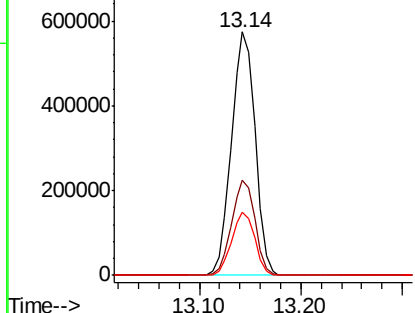
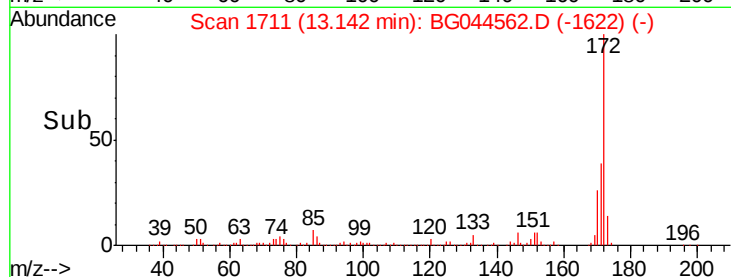


Abundance

Ion 172.00 (171.70 to 172.70): E

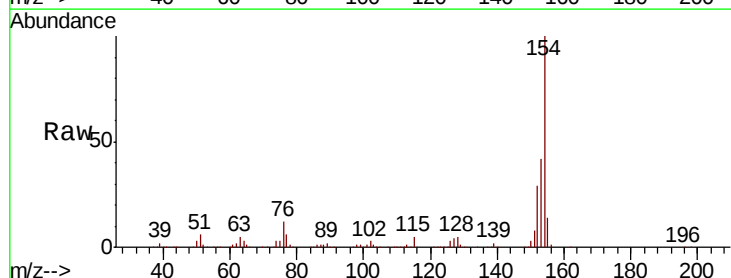
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 50.582 ng
RT: 13.35 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.3	62.3
76	12.2	0.0	32.7

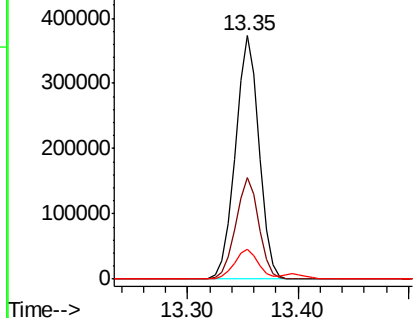
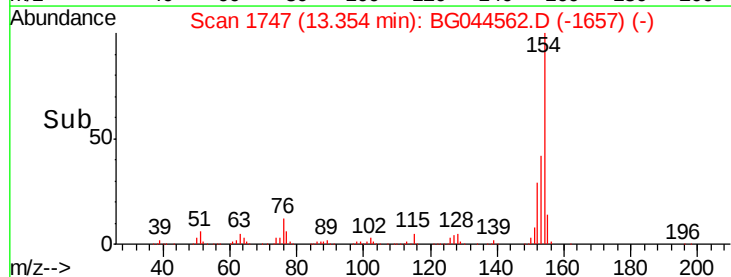


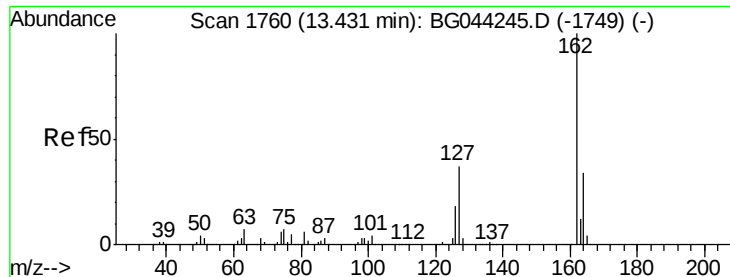
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 49.491 ng

RT: 13.40 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

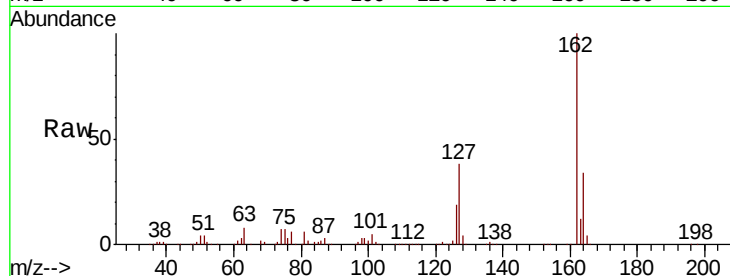
Tot Ion:162 Resp: 434743

Ion Ratio Lower Upper

162 100

127 38.0 31.0 46.6

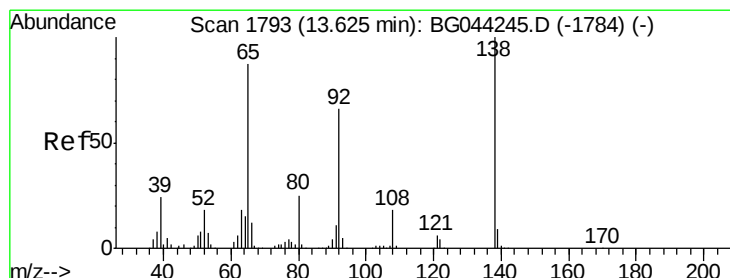
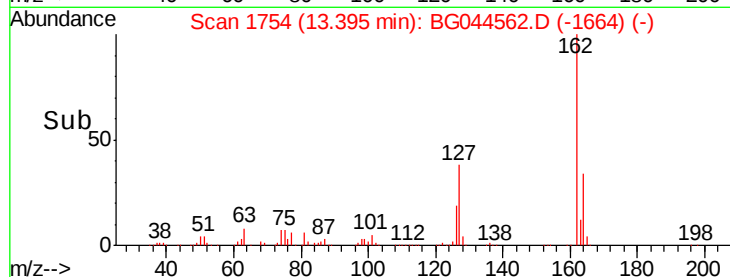
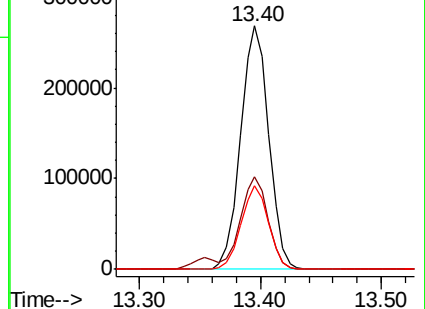
164 34.2 27.4 41.2



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: 49.686 ng

RT: 13.59 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

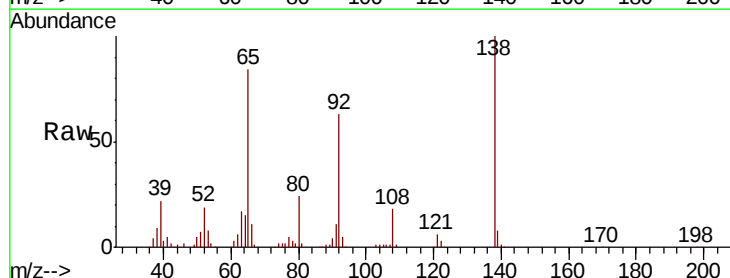
Tgt Ion: 65 Resp: 128806

Ion Ratio Lower Upper

65 100

92 75.1 61.2 91.8

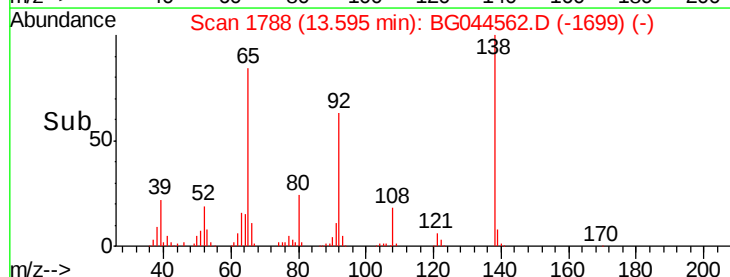
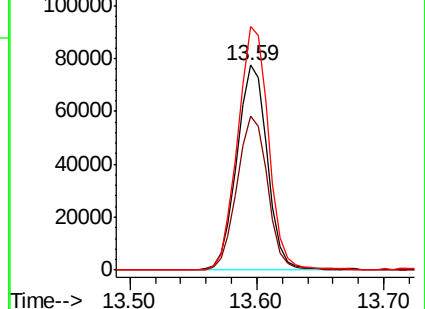
138 118.9 95.2 142.8



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.208 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

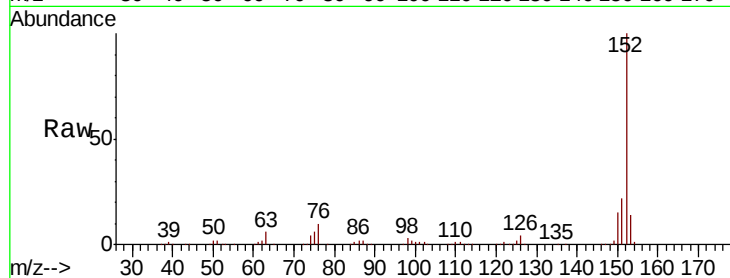
Tot Ion:152 Resp: 698423

Ion Ratio Lower Upper

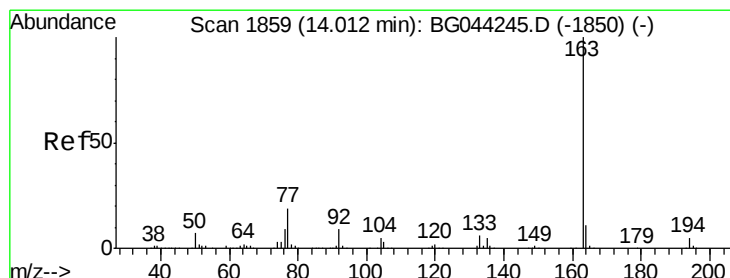
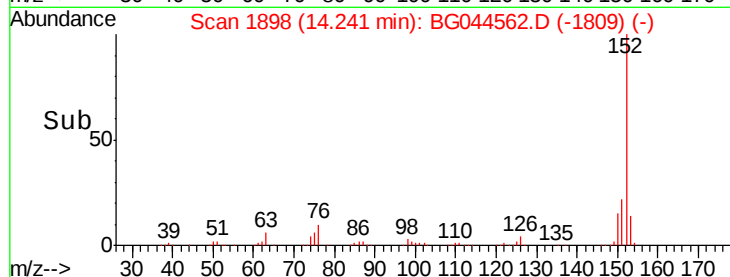
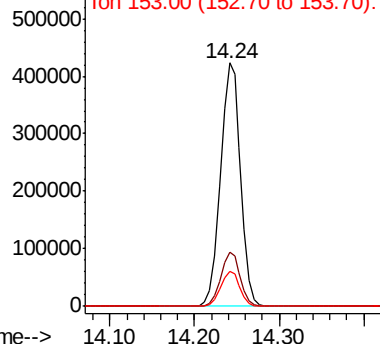
152 100

151 22.3 18.2 27.2

153 14.2 11.6 17.4



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: 55.833 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

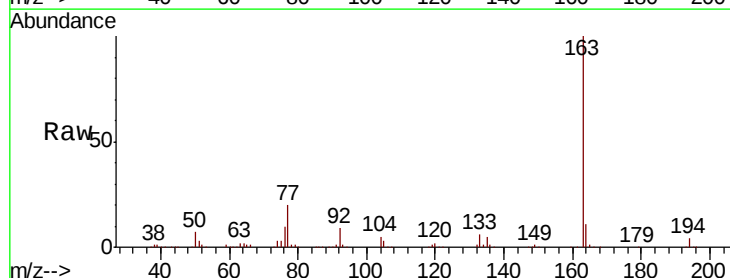
Tgt Ion:163 Resp: 614224

Ion Ratio Lower Upper

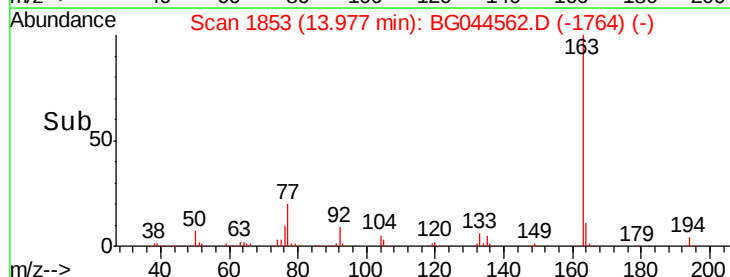
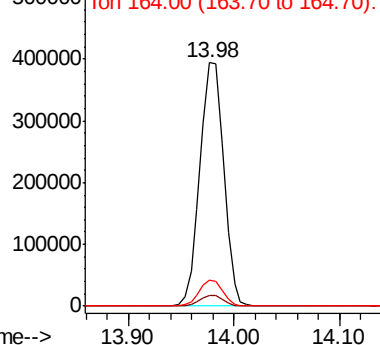
163 100

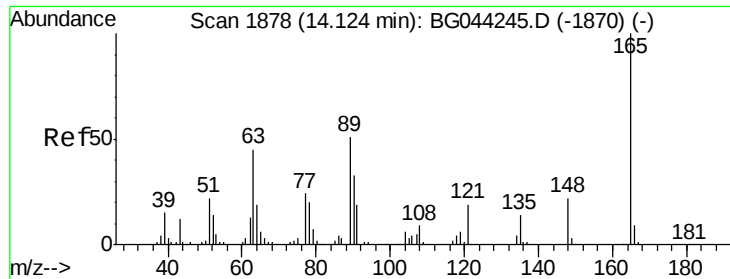
194 4.4 3.6 5.4

164 10.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.650 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

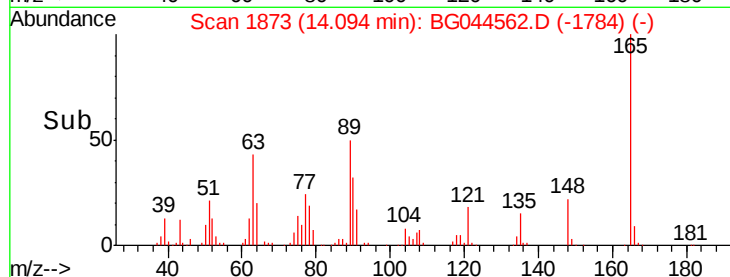
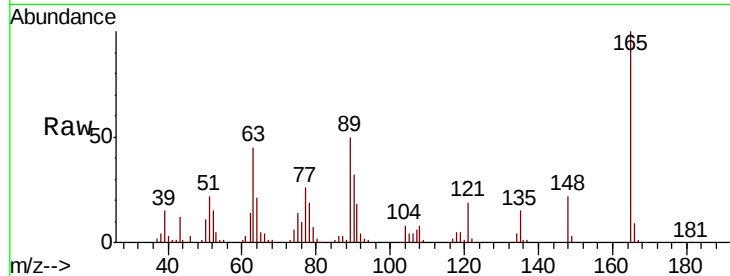
Tot Ion:165 Resp: 131597

Ion Ratio Lower Upper

165 100

63 45.0 35.0 52.6

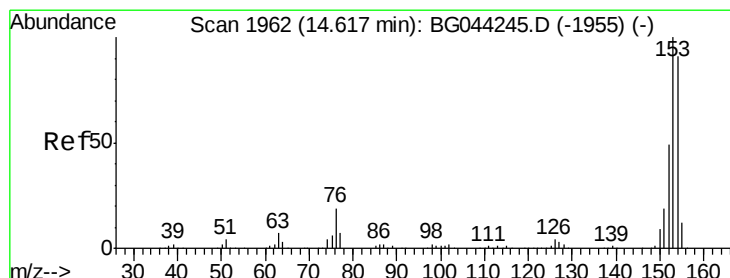
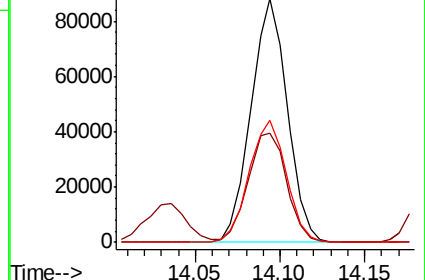
89 50.2 39.5 59.3



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: 51.859 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

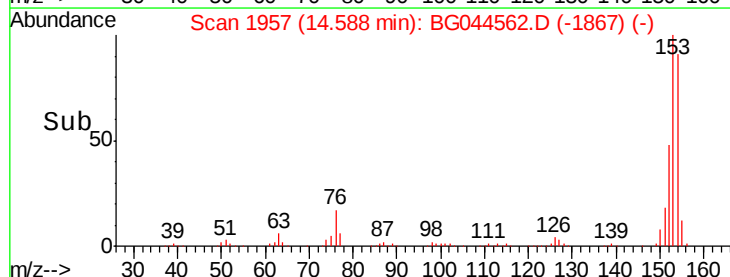
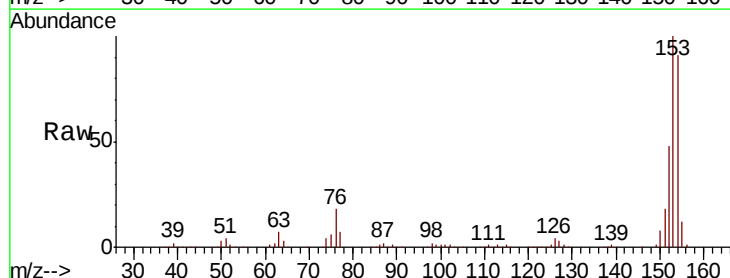
Tgt Ion:154 Resp: 433081

Ion Ratio Lower Upper

154 100

153 110.4 88.6 133.0

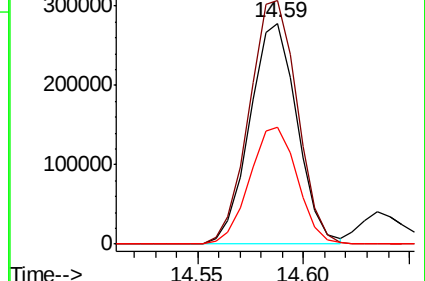
152 53.2 43.6 65.4

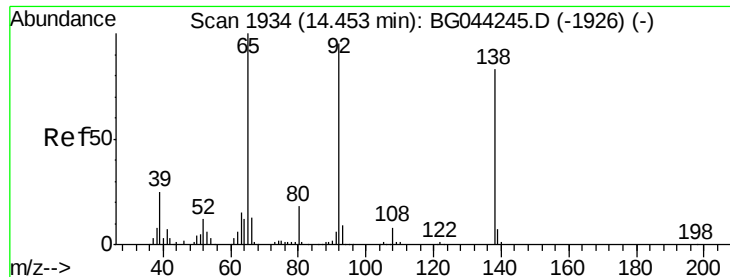


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.935 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

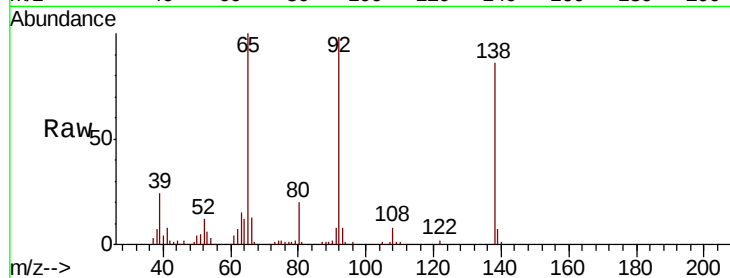
Tot Ion:138 Resp: 56812

Ion Ratio Lower Upper

138 100

108 9.4 8.2 12.4

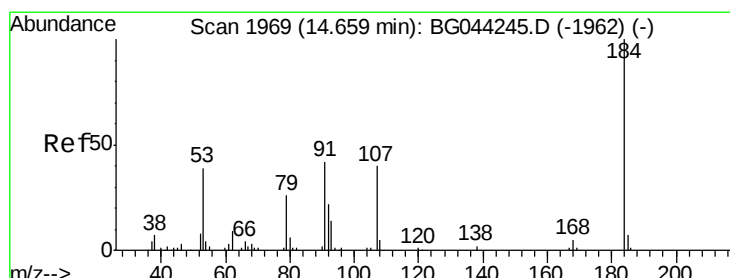
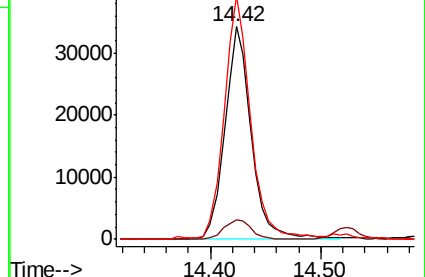
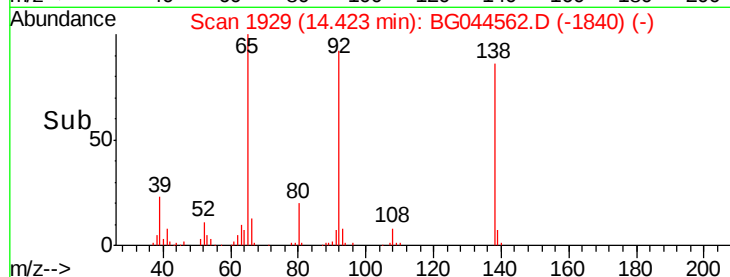
92 114.5 89.7 134.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 82.345 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

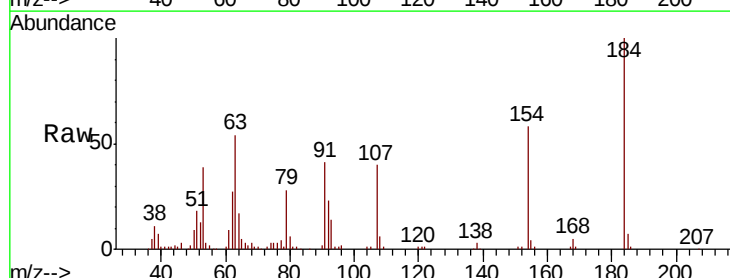
Tgt Ion:184 Resp: 120042

Ion Ratio Lower Upper

184 100

63 53.6 43.8 65.8

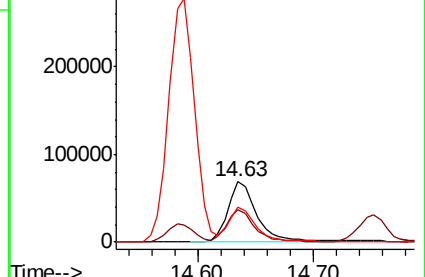
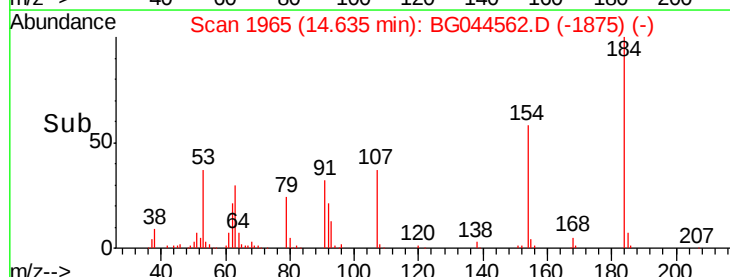
154 58.4 46.6 70.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

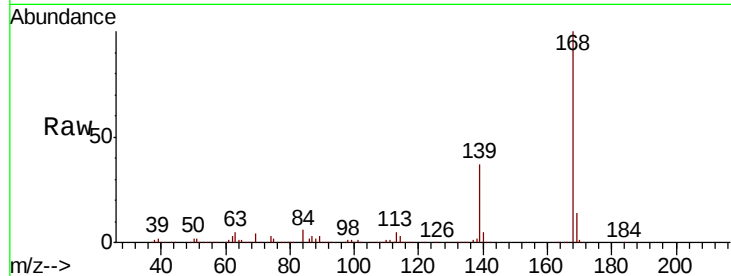




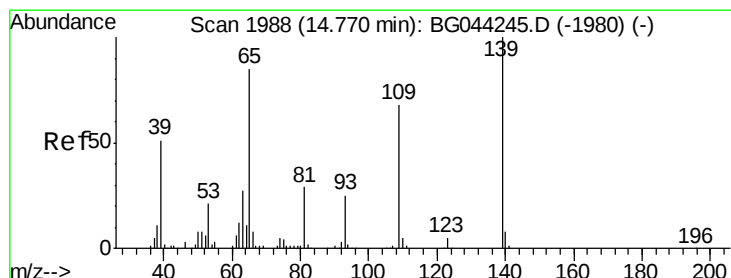
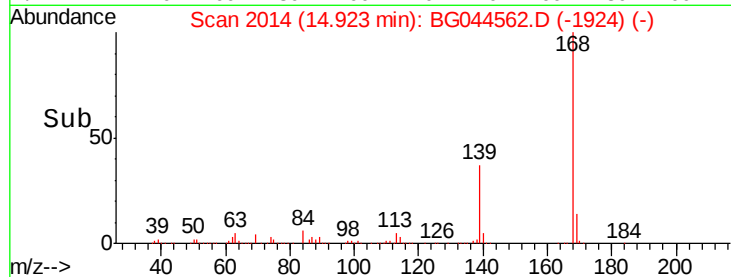
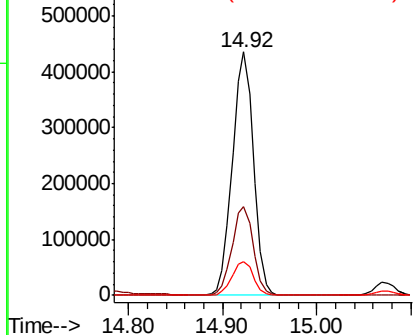
#55
Dibenzofuran
Concen: 53.628 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 678078
Ion Ratio Lower Upper
168 100
139 36.6 30.8 46.2
169 13.9 12.2 18.4

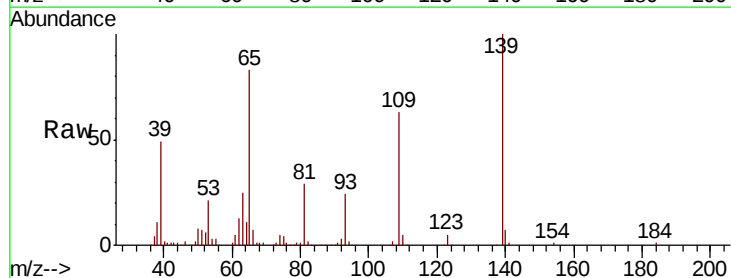


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

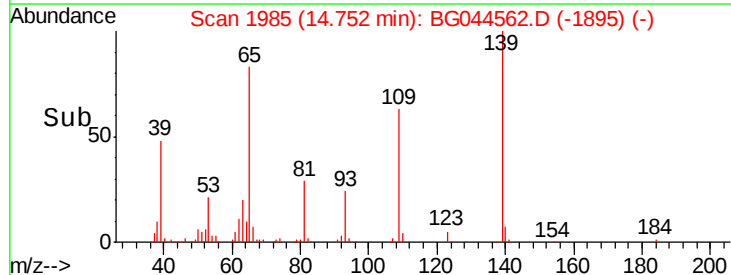
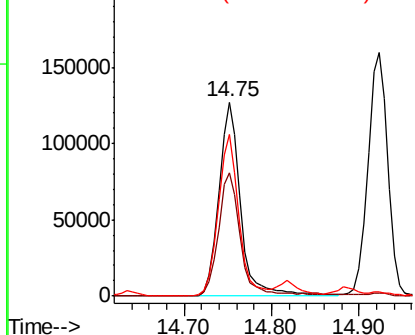


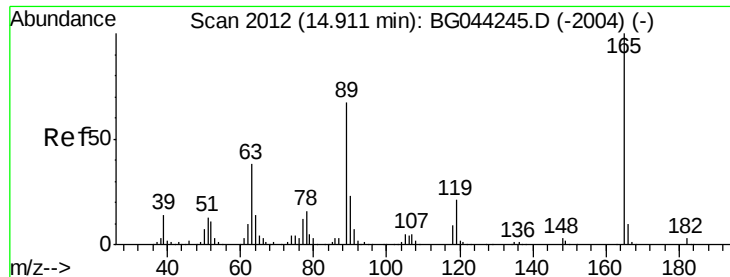
#56
4-Nitrophenol
Concen: 110.294 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:139 Resp: 219244
Ion Ratio Lower Upper
139 100
109 63.3 44.0 84.0
65 83.3 62.3 102.3



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

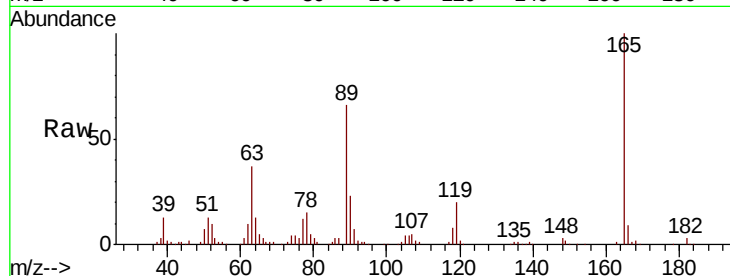




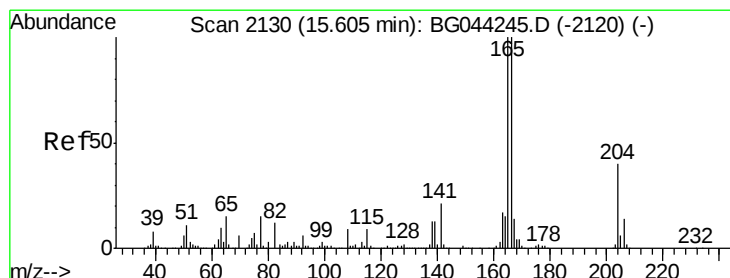
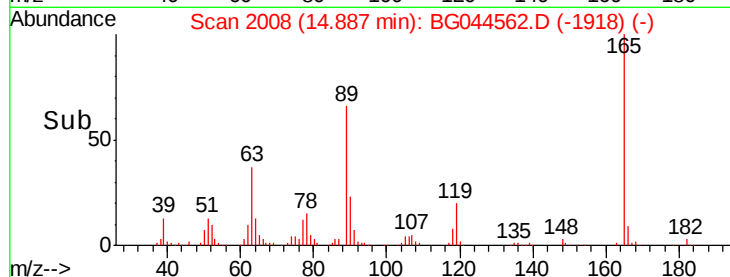
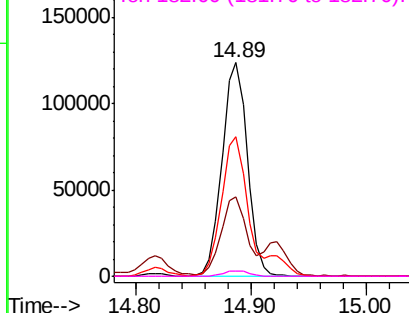
#57
2,4-Dinitrotoluene
Concen: 54.391 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.3	28.6	42.8
89	65.6	50.7	76.1
182	2.7	2.1	3.1

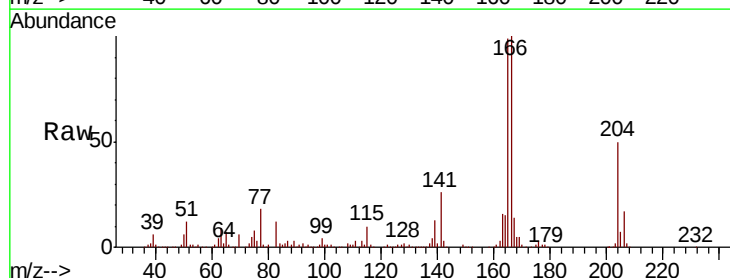


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

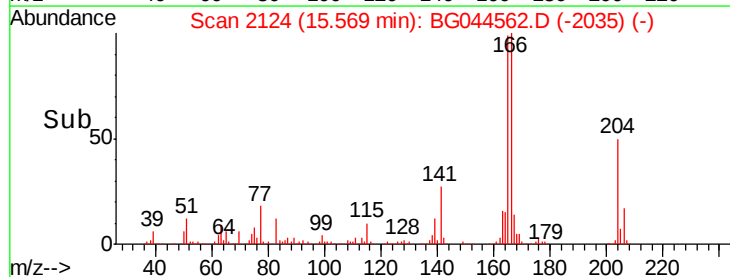
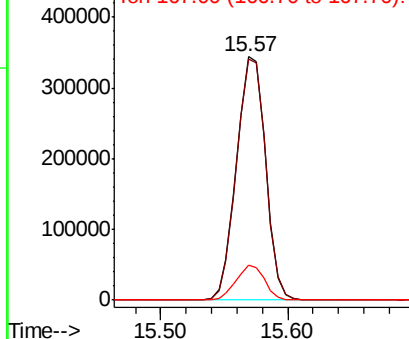


#58
Fluorene
Concen: 54.808 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	14.3	11.4	17.2



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

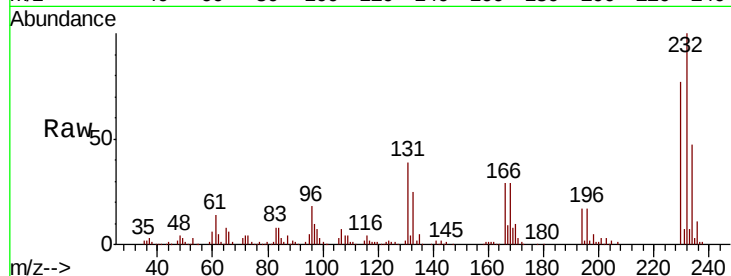




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.244 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. 0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	153548
Ion	Ratio	Lower	Upper
232	100		
131	41.4	31.8	47.8
130	2.5	1.8	2.8
166	30.8	23.2	34.8



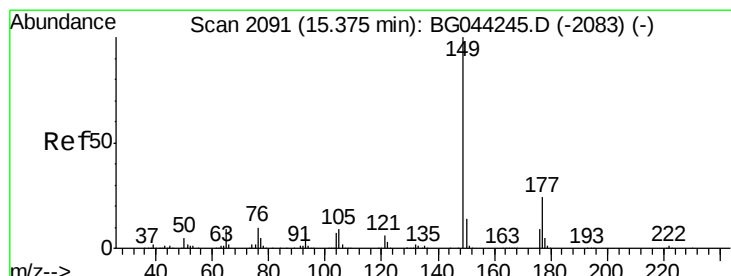
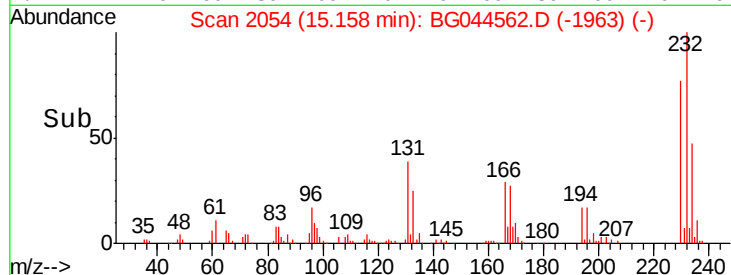
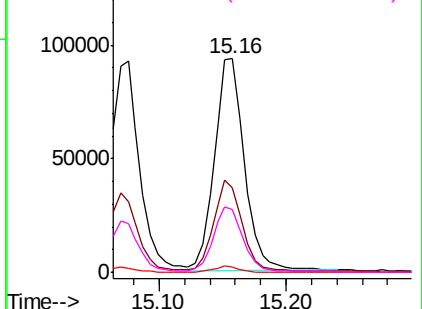
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

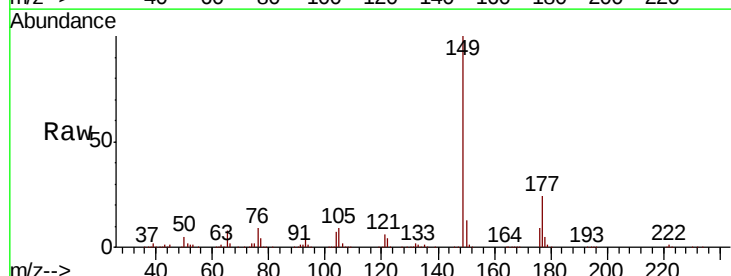
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 54.072 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion:	149	Resp:	592716
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.3	28.9
150	13.1	10.6	15.8

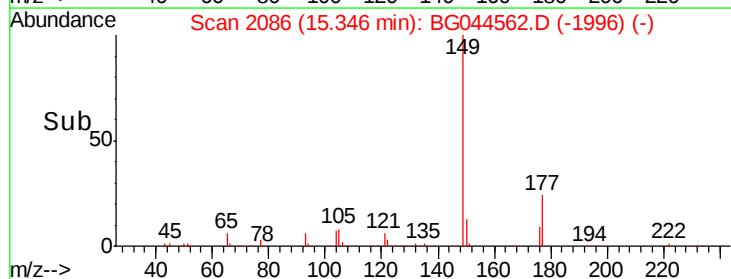
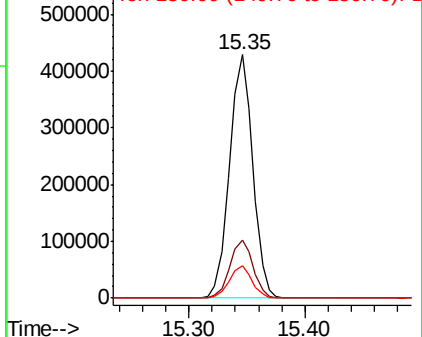


Abundance

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

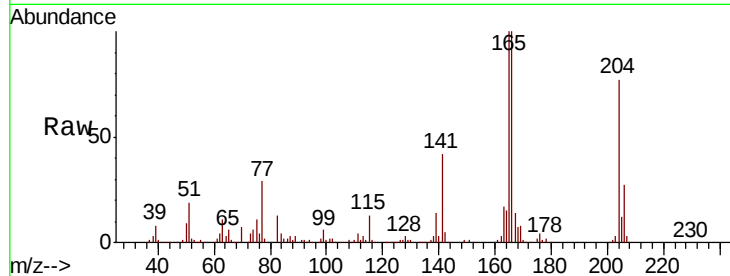




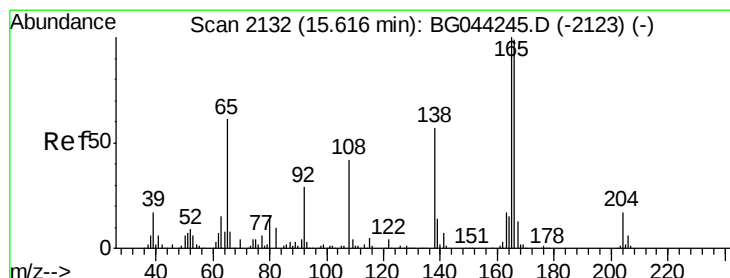
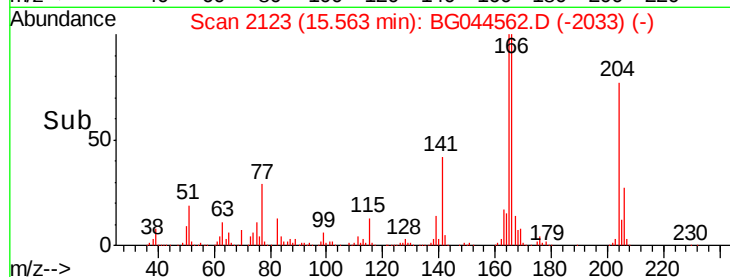
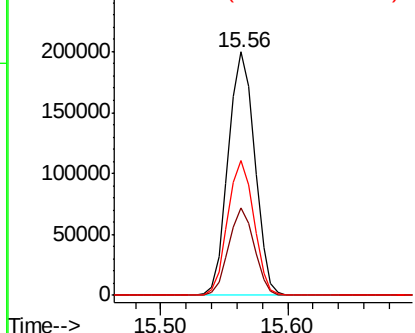
#61
4-Chlorophenyl-phenylether
Concen: 53.343 ng
RT: 15.56 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 288041
Ion Ratio Lower Upper
204 100
206 35.7 28.6 42.8
141 55.3 43.9 65.9

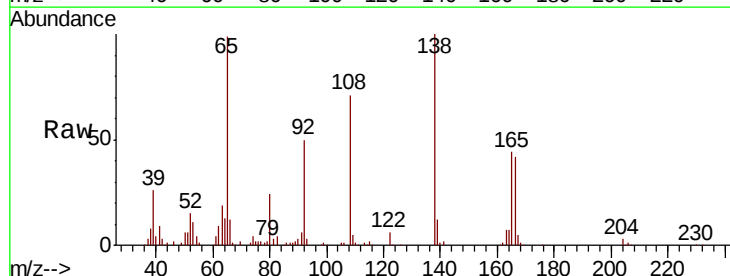


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

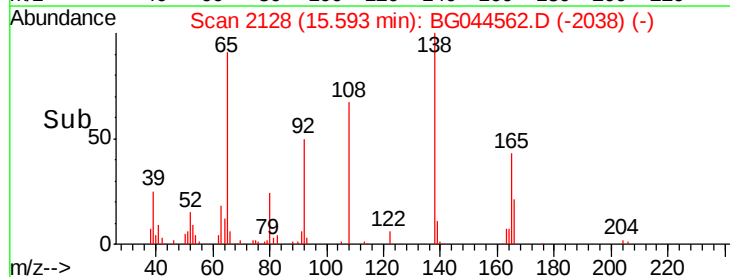
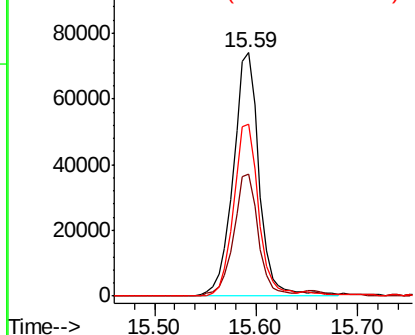


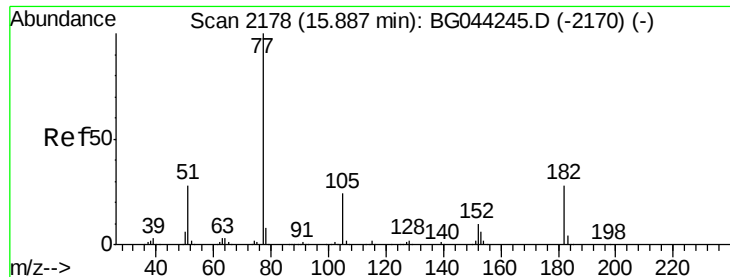
#62
4-Nitroaniline
Concen: 48.608 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:138 Resp: 131808
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 70.7 51.9 91.9



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

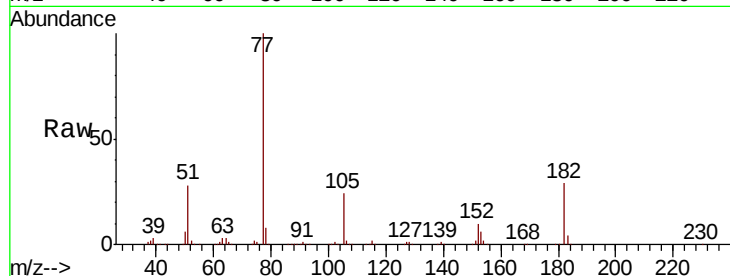




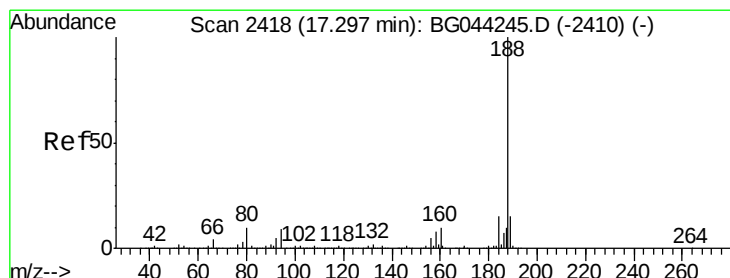
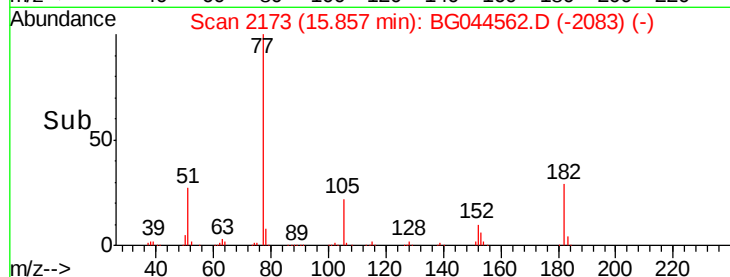
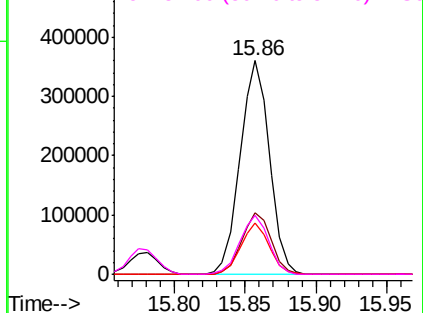
#63
Azobenzene
Concen: 54.179 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	520509
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.8	48.8
105	23.8	4.0	44.0
51	27.6	7.3	47.3

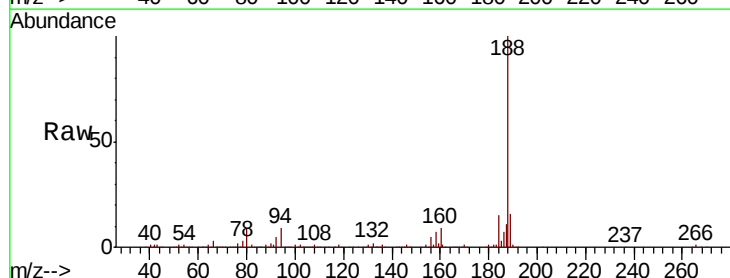


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

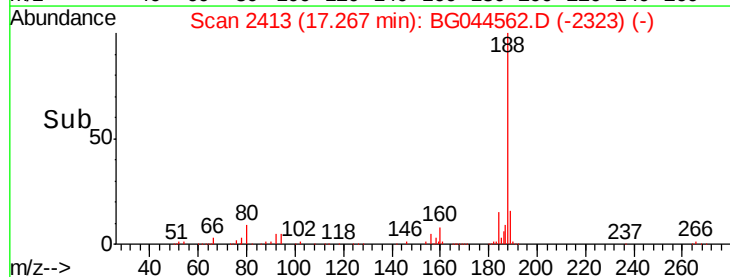
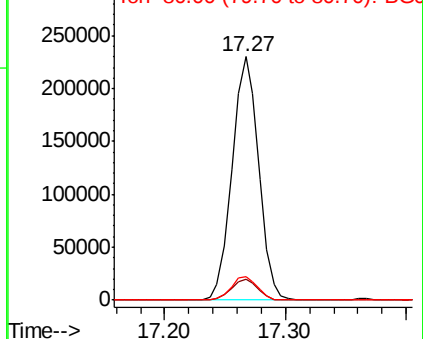


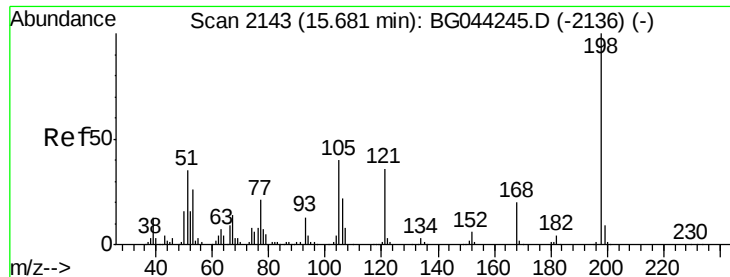
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:	188	Resp:	352305
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	9.5	7.8	11.6



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: 53.985 ng

RT: 15.66 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampled :

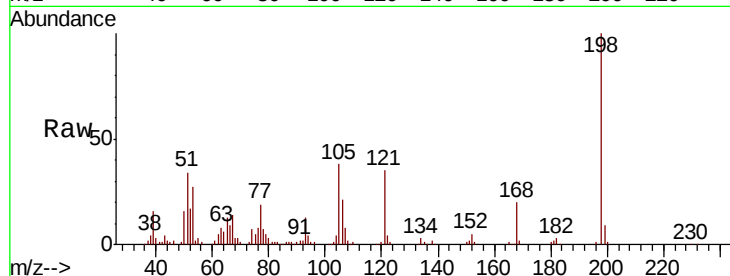
Tot Ion:198 Resp: 104985

Ion	Ratio	Lower	Upper
198	100		
51	33.9	17.9	57.9
105	38.4	19.8	59.8

198 100

51 33.9 17.9 57.9

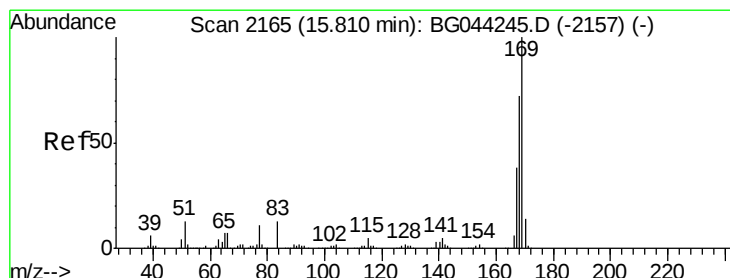
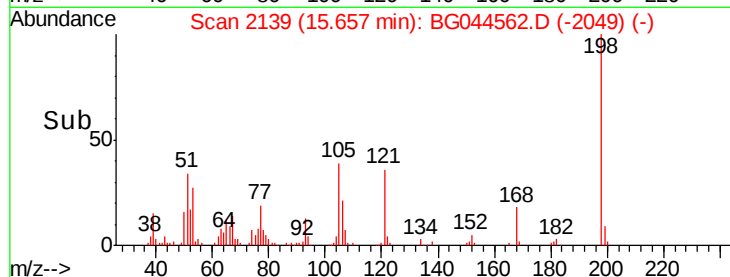
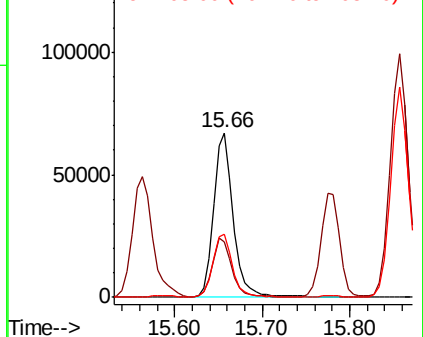
105 38.4 19.8 59.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.418 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

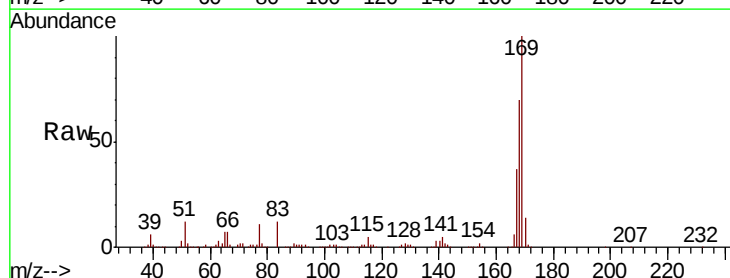
Tgt Ion:169 Resp: 517525

Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.8	85.2
167	37.2	29.6	44.4

169 100

168 69.8 56.8 85.2

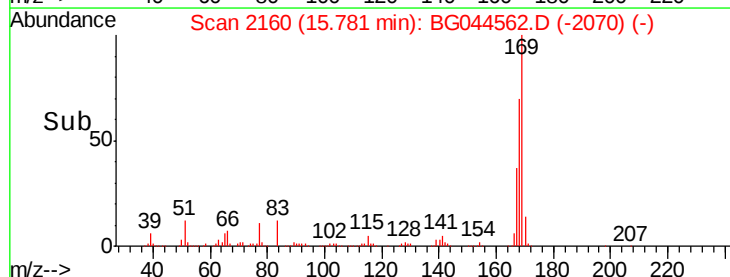
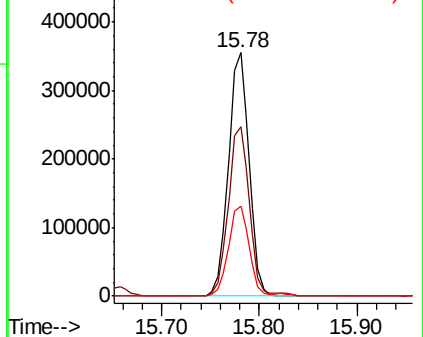
167 37.2 29.6 44.4

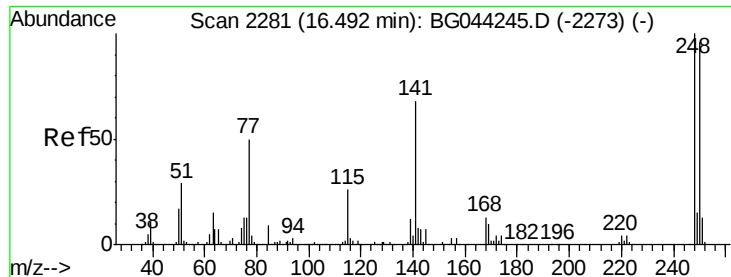


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

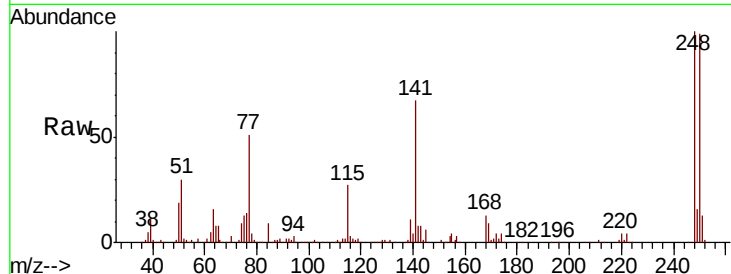




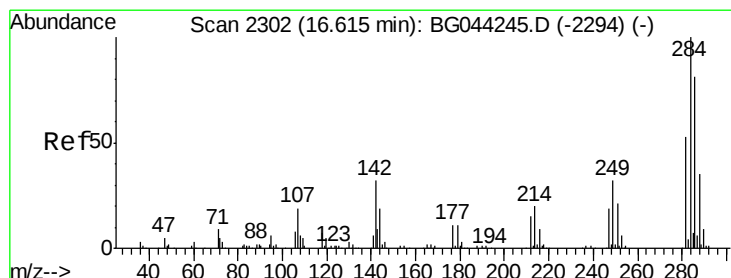
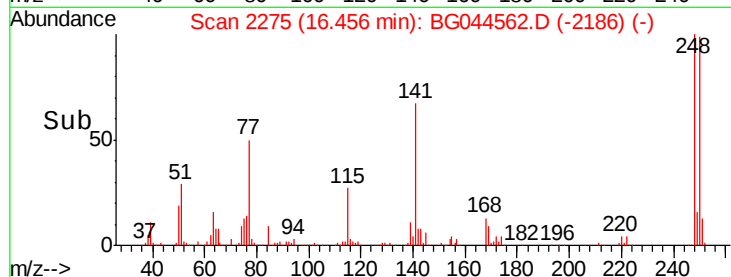
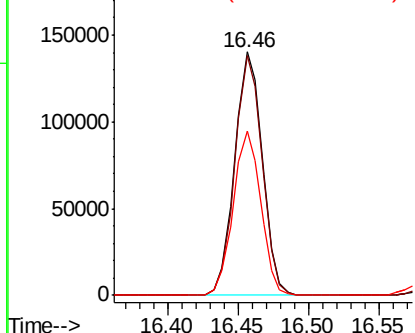
#67
 4-Bromophenyl-phenylether
 Concen: 50.041 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 192073
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.8 115.2
 141 67.4 50.0 75.0

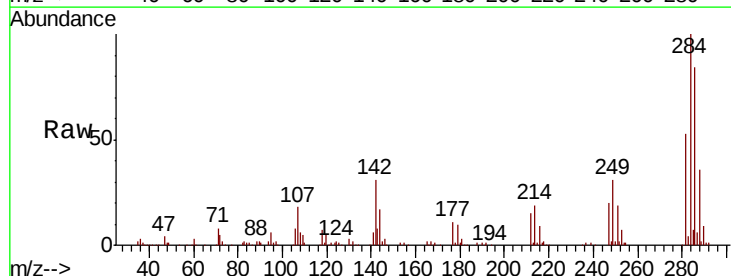


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

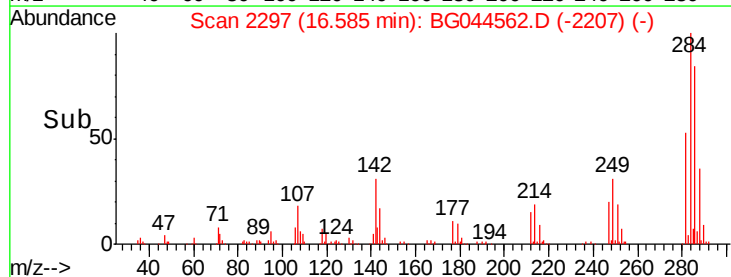
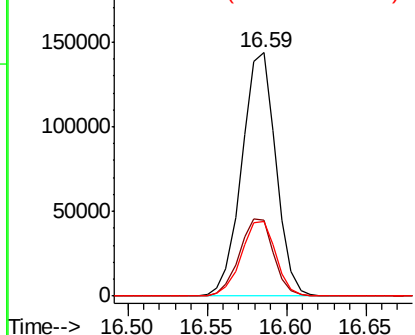


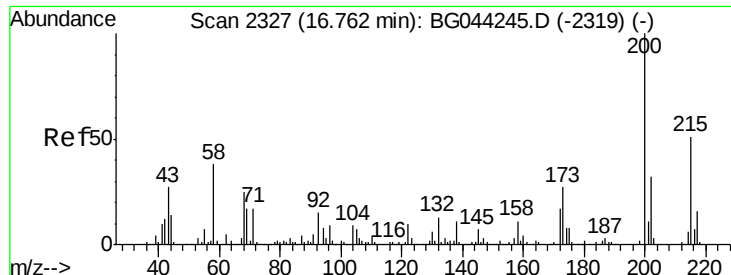
#68
 Hexachlorobenzene
 Concen: 49.718 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion:284 Resp: 213798
 Ion Ratio Lower Upper
 284 100
 142 31.0 24.6 36.8
 249 30.7 24.9 37.3



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

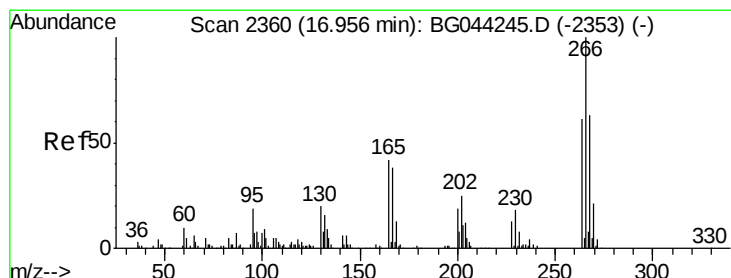
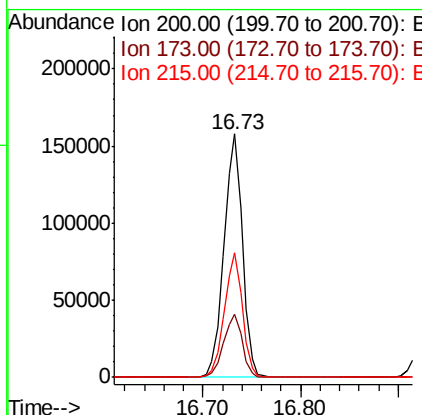
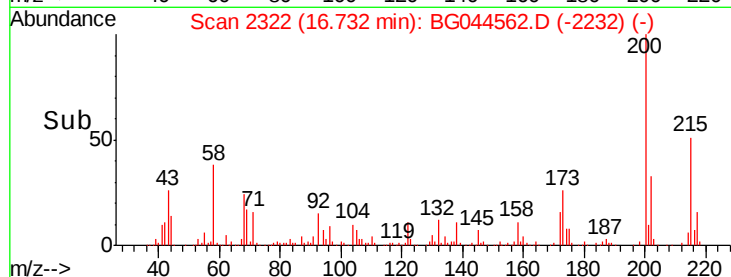
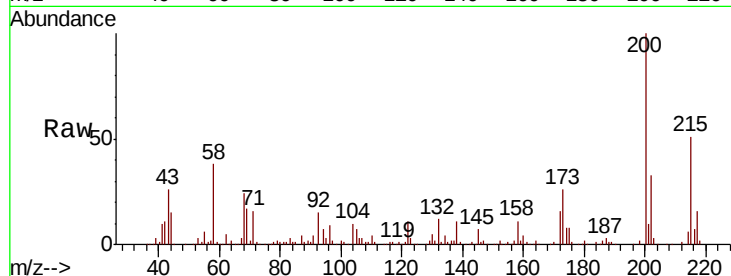




#69
Atrazine
Concen: 61.018 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

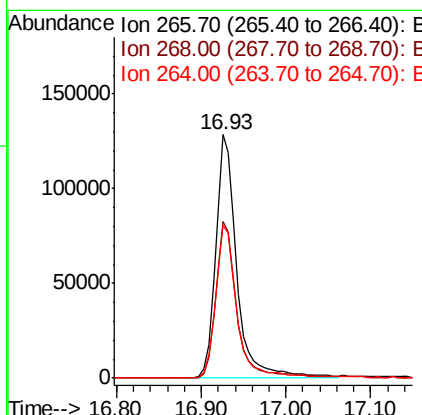
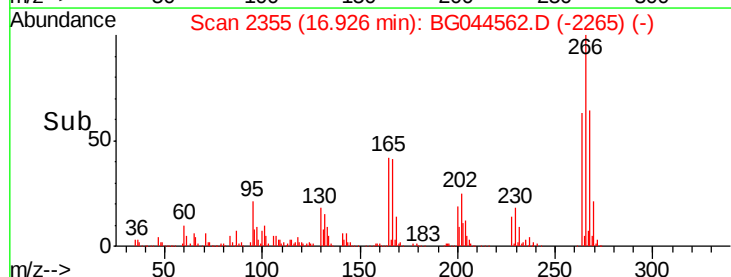
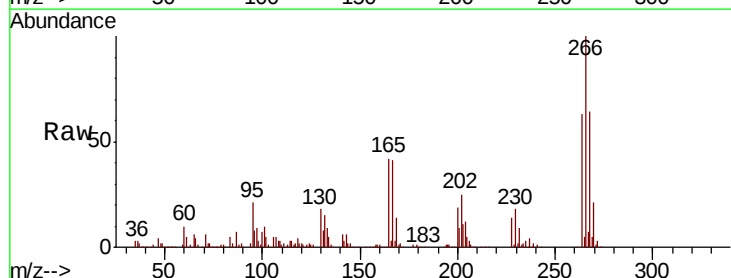
Instrument :
BNA_G
ClientSampleId :

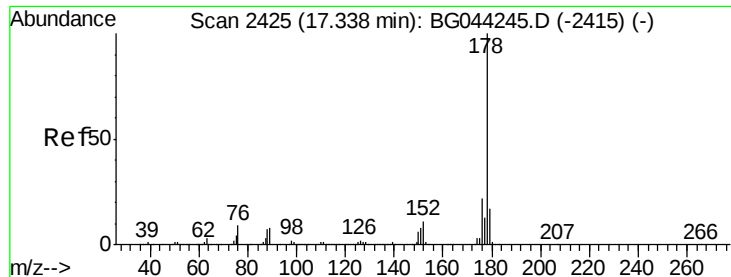
Tot Ion:200 Resp: 206488
Ion Ratio Lower Upper
200 100
173 26.1 5.6 45.6
215 51.4 30.3 70.3



#70
Pentachlorophenol
Concen: 103.399 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:266 Resp: 226926
Ion Ratio Lower Upper
266 100
268 64.1 51.6 77.4
264 63.0 49.8 74.8

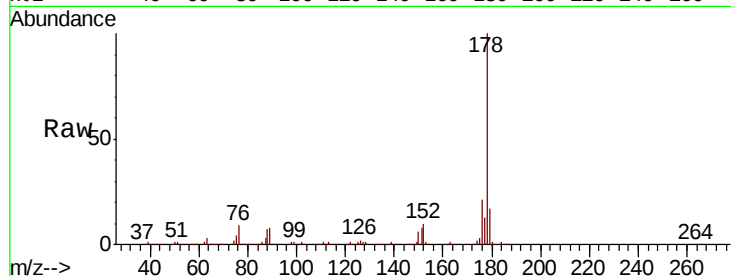




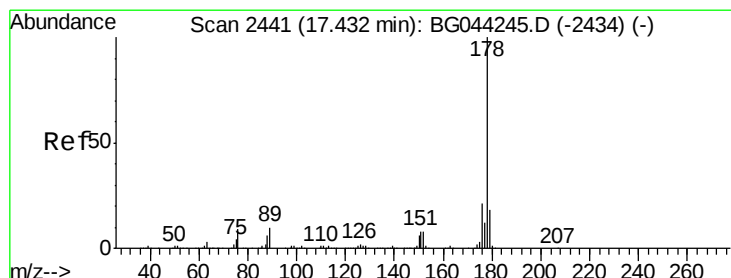
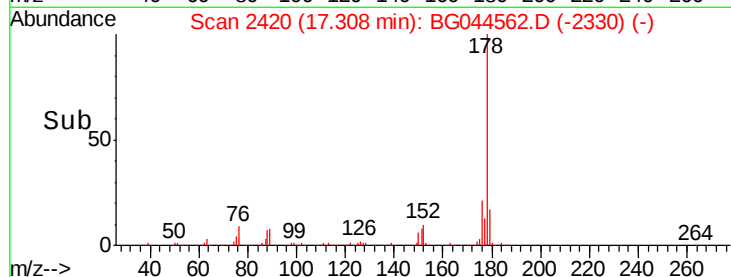
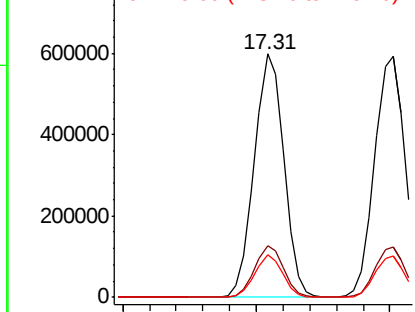
#71
Phenanthrene
Concen: 53.594 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 914304
Ion Ratio Lower Upper
178 100
176 21.1 17.4 26.0
179 17.4 13.8 20.6

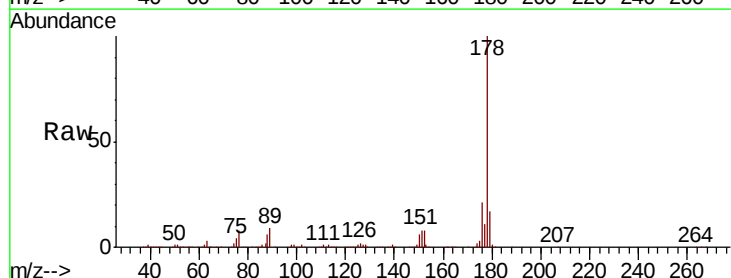


Abundance Ion 178.00 (177.70 to 178.70): E
800000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

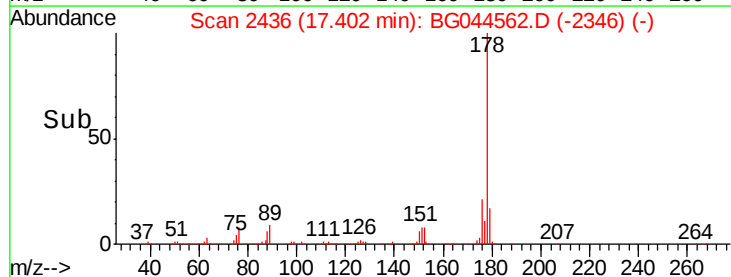
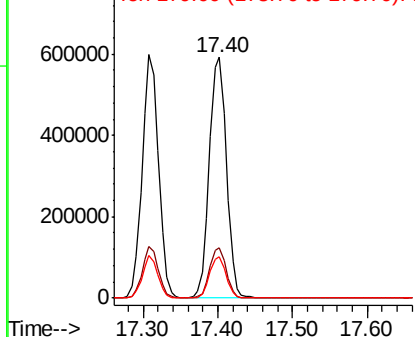


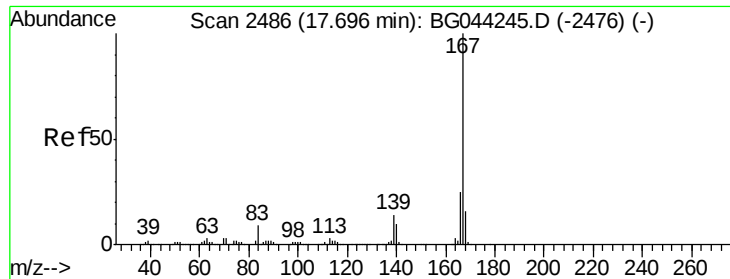
#72
Anthracene
Concen: 55.777 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:178 Resp: 940755
Ion Ratio Lower Upper
178 100
176 20.9 17.1 25.7
179 17.2 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E
800000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

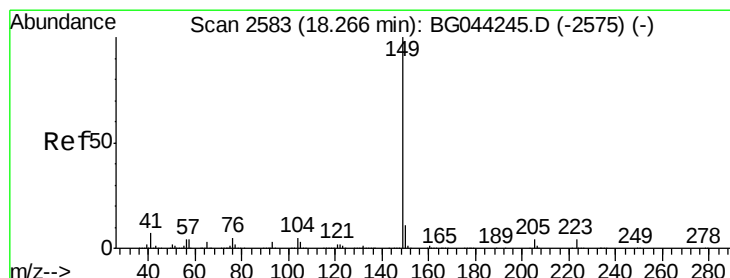
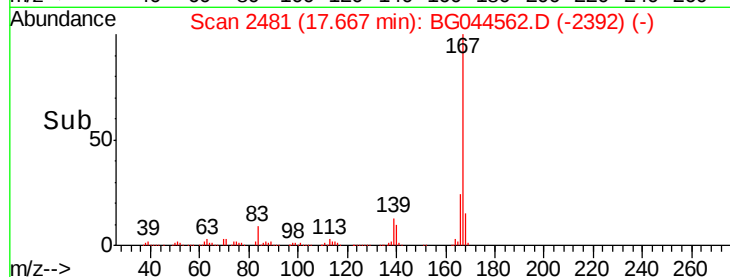
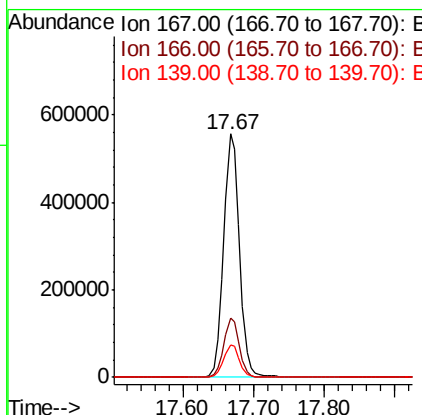
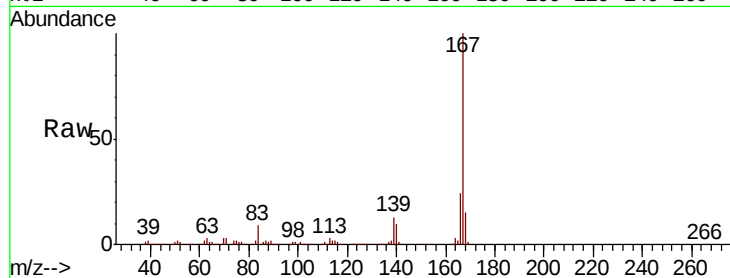




#73
 Carbazole
 Concen: 55.876 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

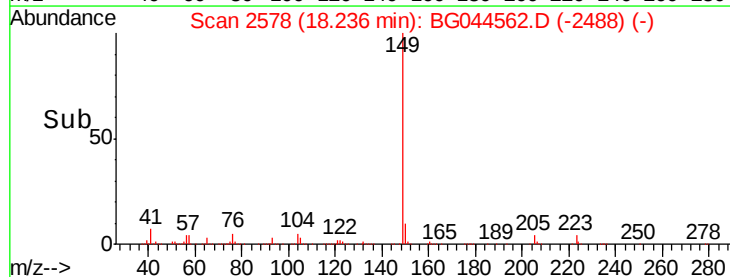
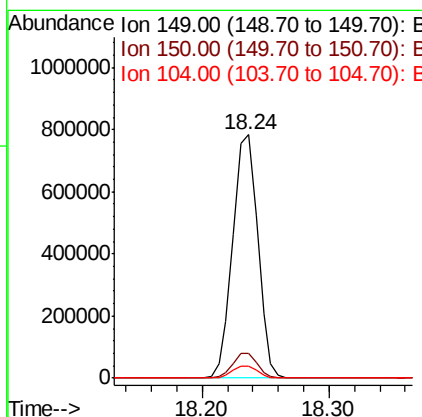
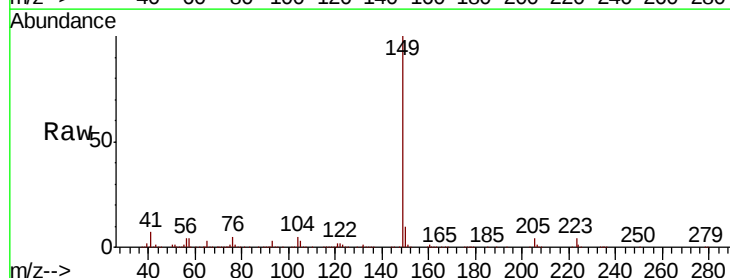
Instrument :
 BNA_G
 ClientSampleId :

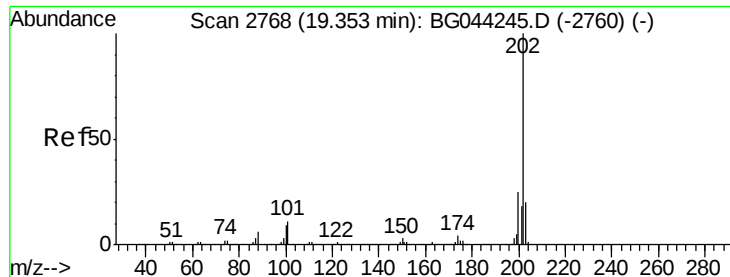
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 55.664 ng
 RT: 18.24 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.0	13.4
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 57.584 ng

RT: 19.32 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

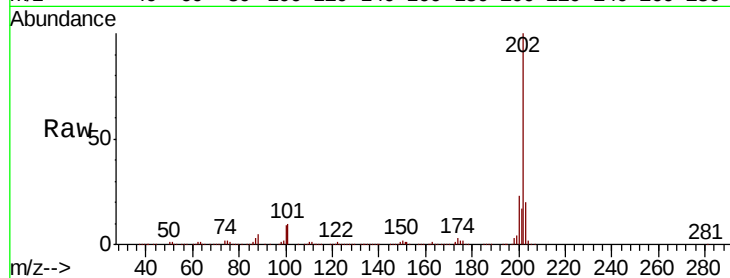
Tot Ion:202 Resp: 1136422

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

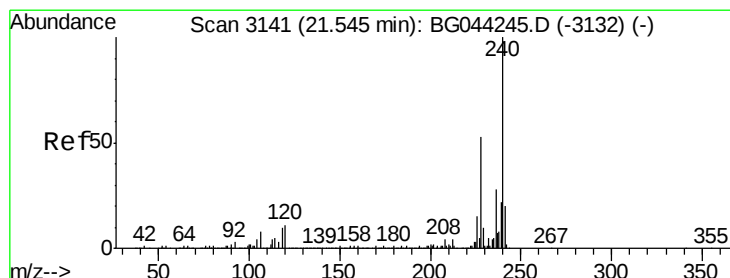
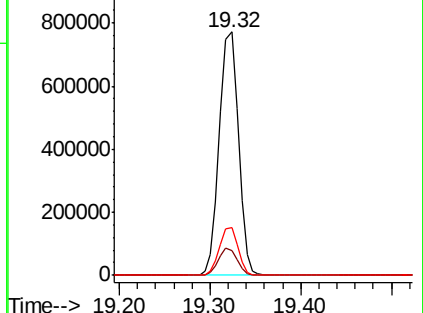
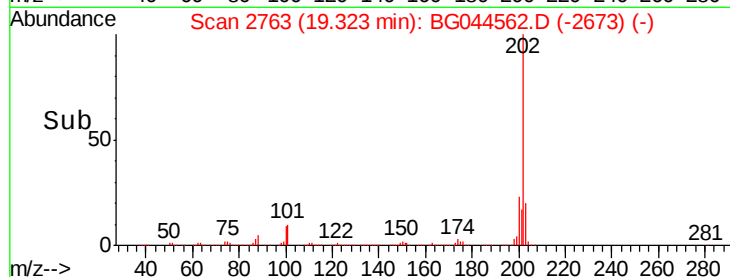
203 19.6 0.3 40.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

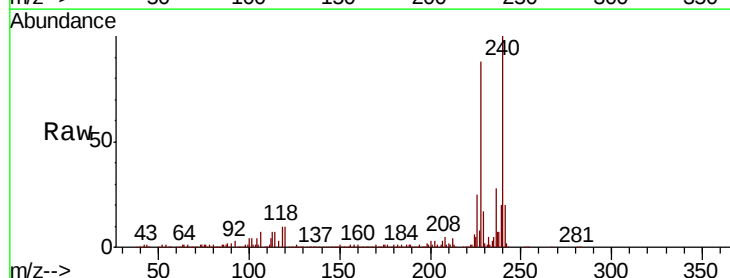
Tgt Ion:240 Resp: 336914

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

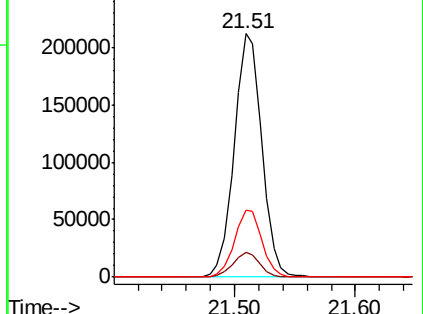
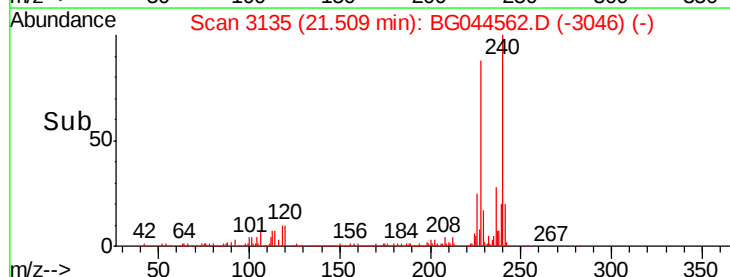
236 27.8 22.0 33.0

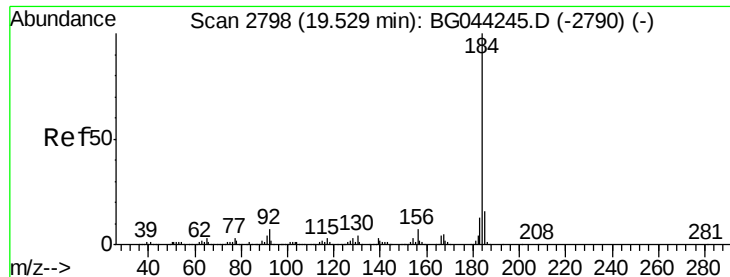


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.855 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

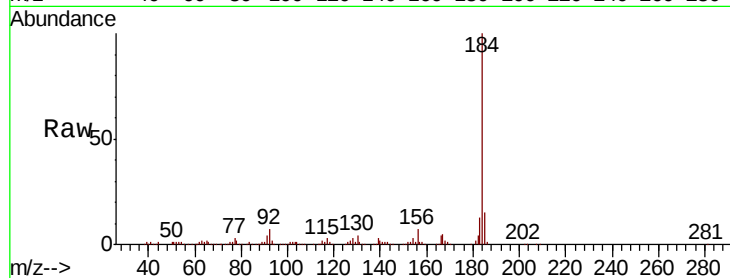
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 269657

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.4
183	13.0	11.0	16.4



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

19.50

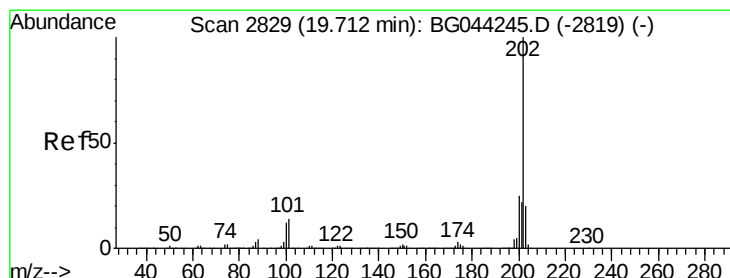
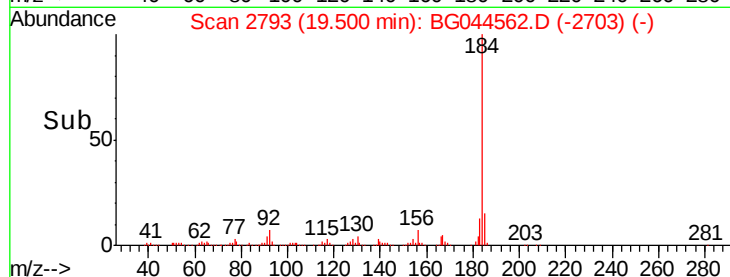
150000

100000

50000

0

Time-->



#78

Pyrene

Concen: 52.721 ng

RT: 19.68 min Scan# 2824

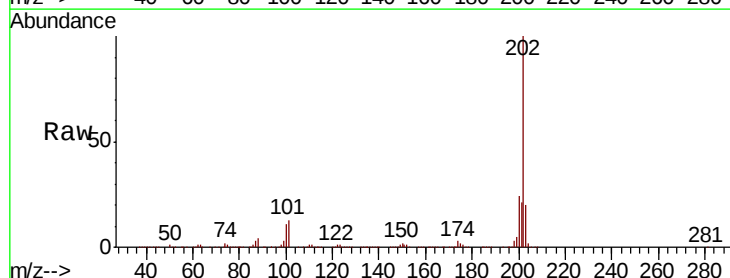
Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:202 Resp: 1140716

Ion	Ratio	Lower	Upper
202	100		
200	24.2	19.7	29.5
203	20.1	16.8	25.2



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

19.68

1000000

800000

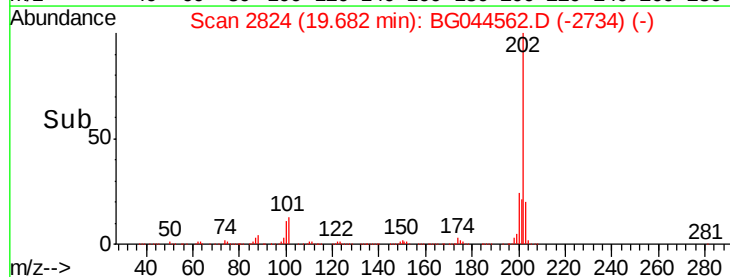
600000

400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 98.478 ng

RT: 19.89 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

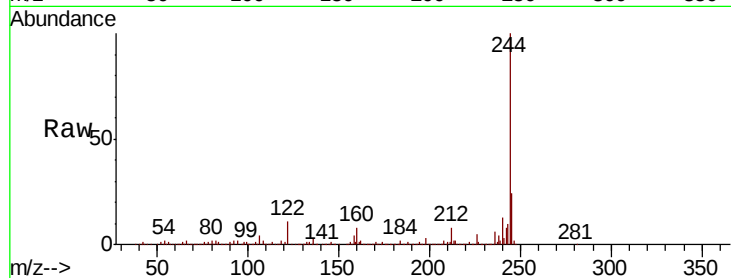
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1613057

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	10.6	9.8	14.8

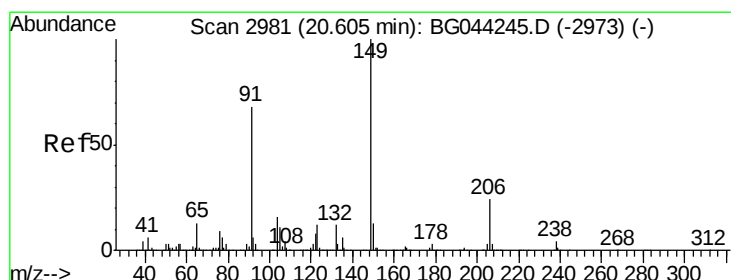
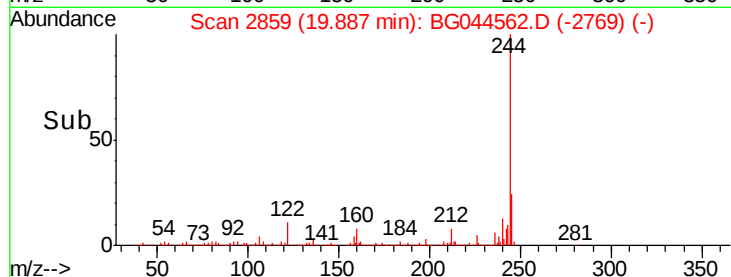
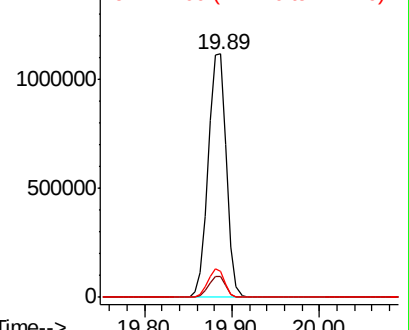


Abundance

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: 51.170 ng

RT: 20.57 min Scan# 2976

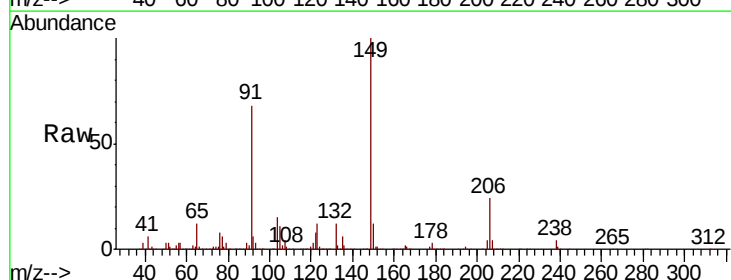
Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Tgt Ion:149 Resp: 504536

Ion	Ratio	Lower	Upper
149	100		
91	67.7	55.0	82.4
206	24.0	20.1	30.1

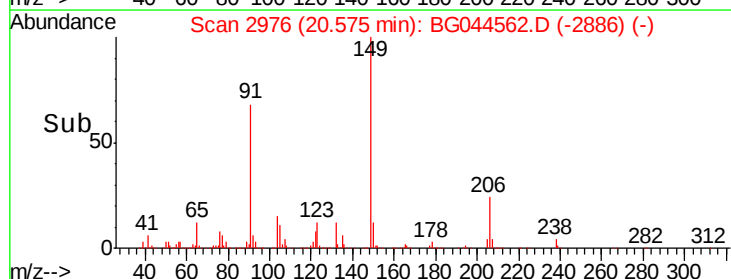
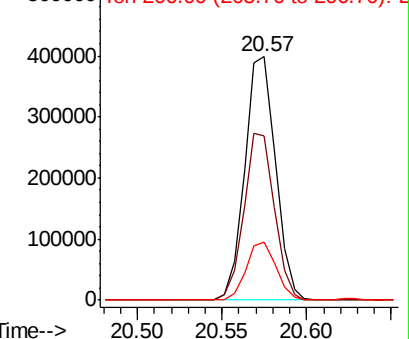


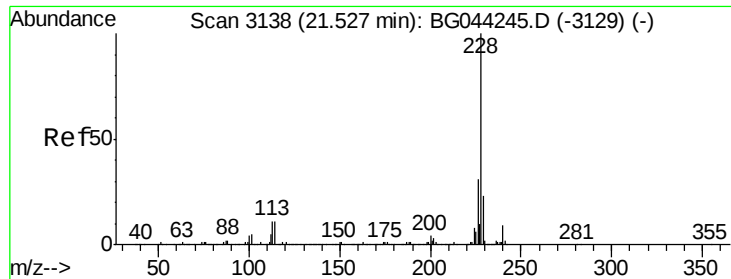
Abundance

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

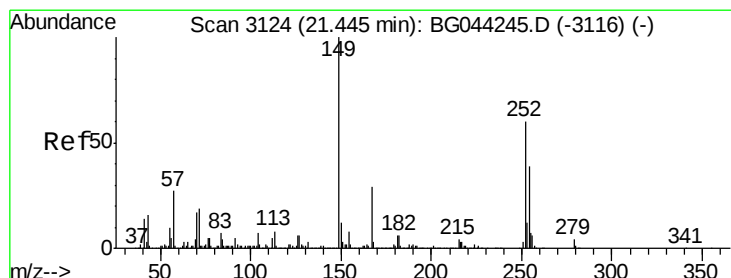
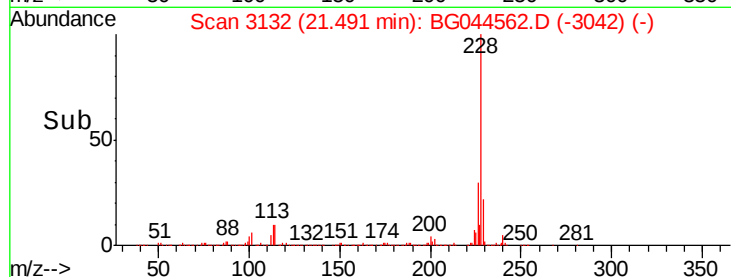
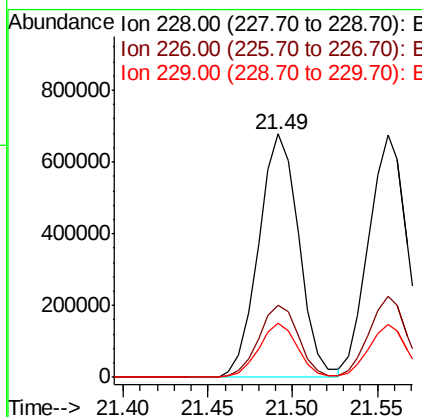
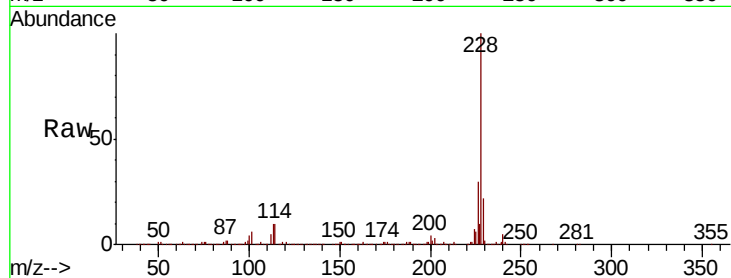




#81
Benzo(a)anthracene
Concen: 54.027 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

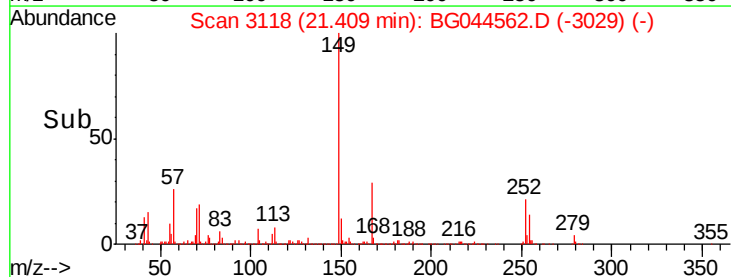
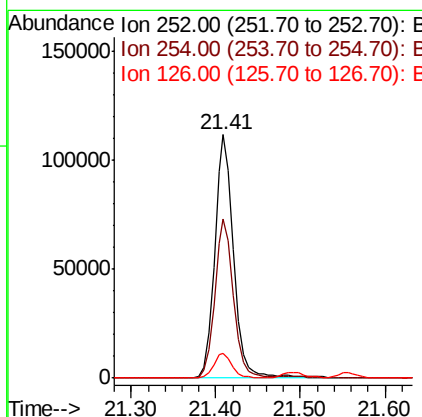
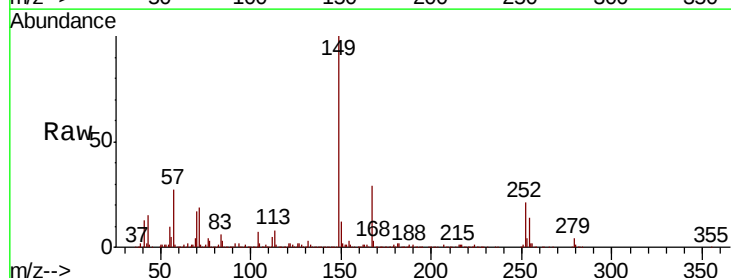
Instrument :
BNA_G
ClientSampled :

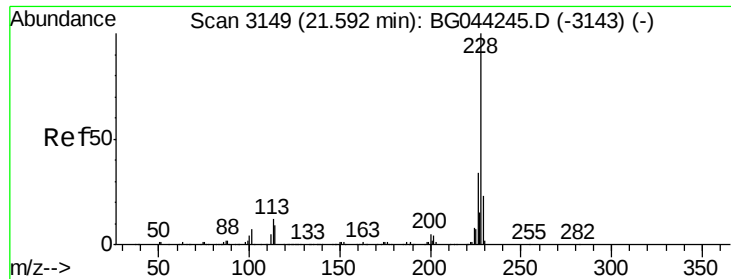
Tot Ion:228 Resp: 1121843
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 22.1 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 21.837 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:252 Resp: 175980
Ion Ratio Lower Upper
252 100
254 65.5 54.2 81.4
126 10.4 7.9 11.9

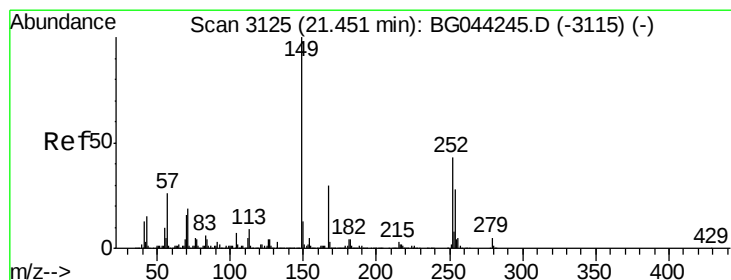
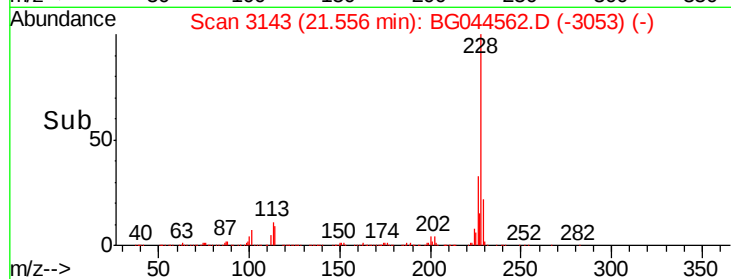
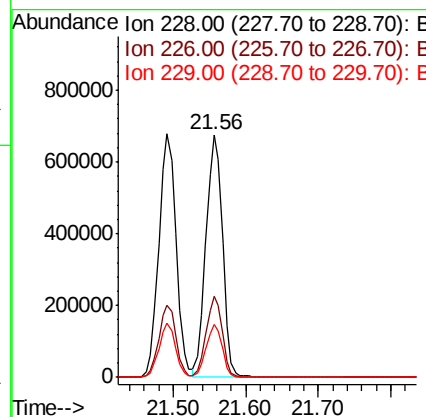
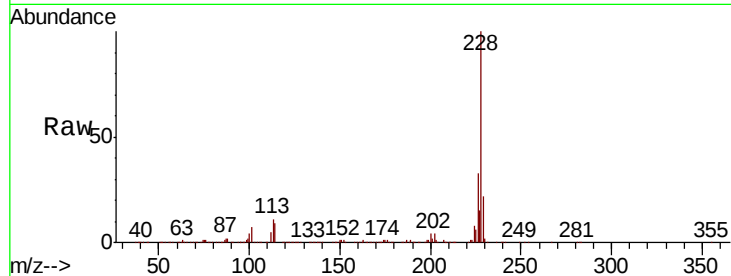




#83
 Chrvsene
 Concen: 53.394 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

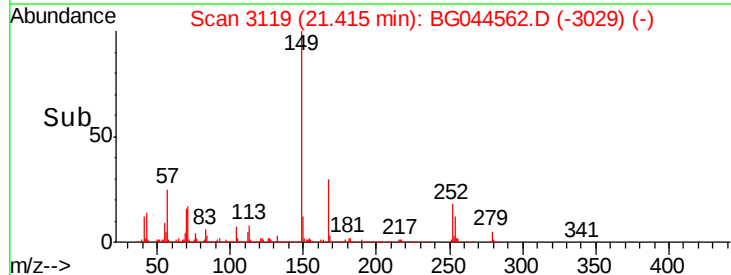
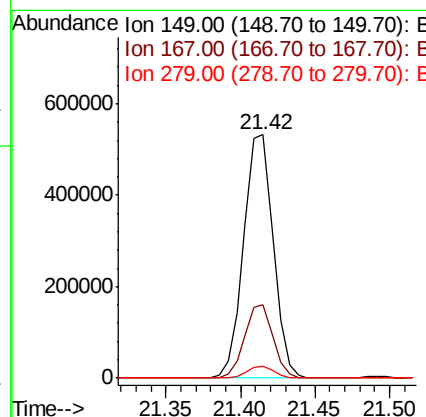
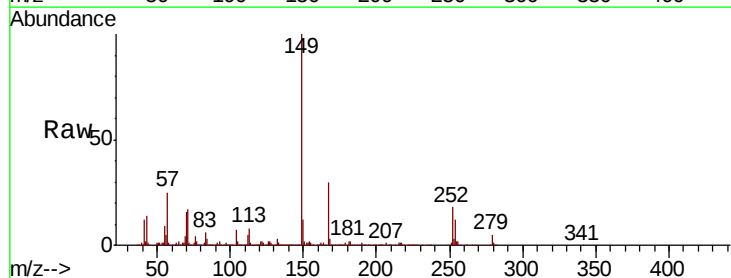
Instrument :
 BNA_G
 ClientSampled :

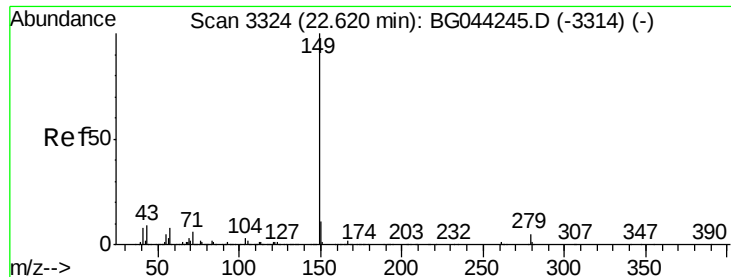
Tot Ion:228 Resp: 1071648
 Ion Ratio Lower Upper
 228 100
 226 33.4 27.7 41.5
 229 22.1 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.142 ng
 RT: 21.42 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BG044562.D
 Acq: 21 Feb 2020 23:30

Tgt Ion:149 Resp: 734794
 Ion Ratio Lower Upper
 149 100
 167 30.2 24.7 37.1
 279 4.9 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.634 ng

RT: 22.57 min Scan# 3316

Delta R.T. 0.00 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

Instrument :

BNA_G

ClientSampleId :

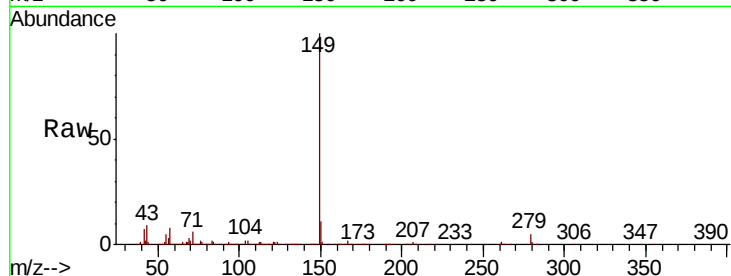
Tot Ion:149 Resp: 1259429

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

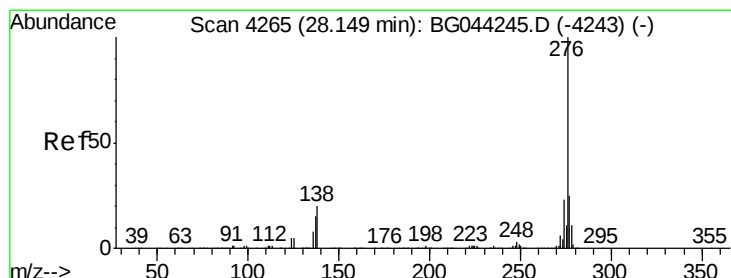
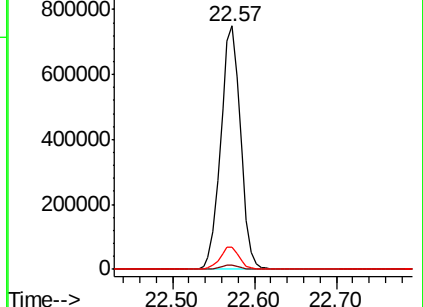
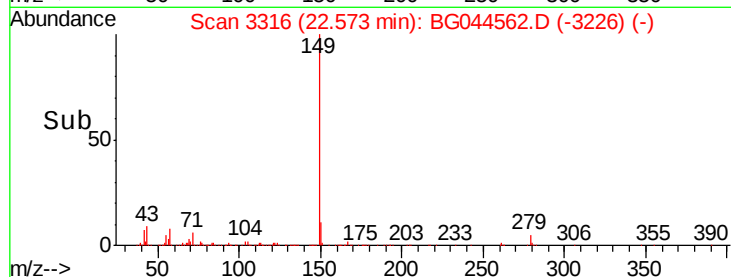
43 8.9 7.6 11.4



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: 54.011 ng

RT: 28.07 min Scan# 4252

Delta R.T. 0.01 min

Lab File: BG044562.D

Acq: 21 Feb 2020 23:30

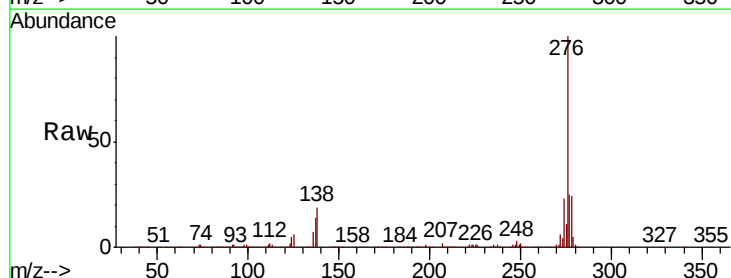
Tgt Ion:276 Resp: 1414282

Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

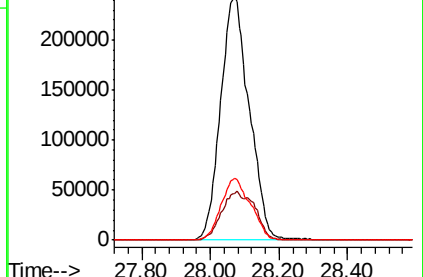
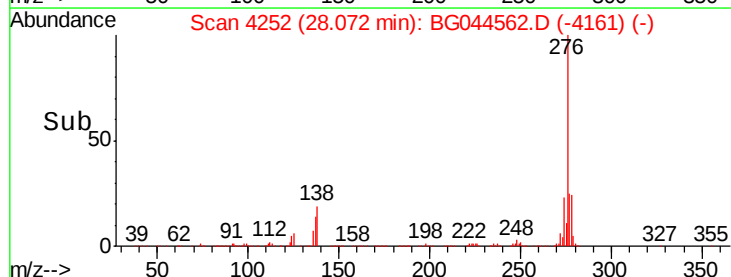
277 26.1 21.0 31.6

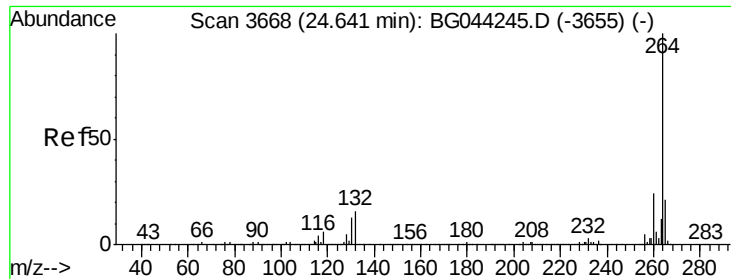


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

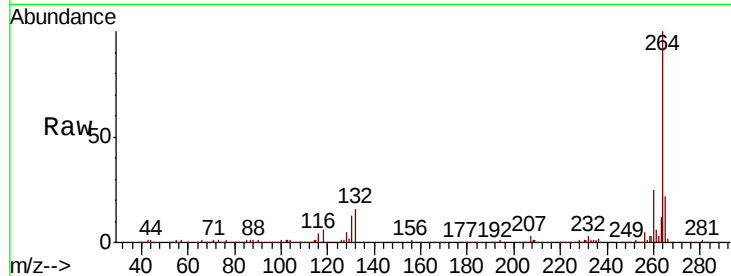




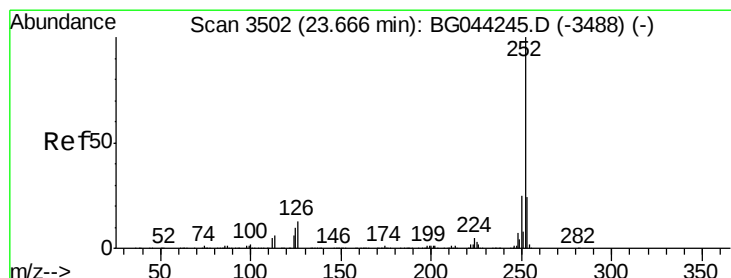
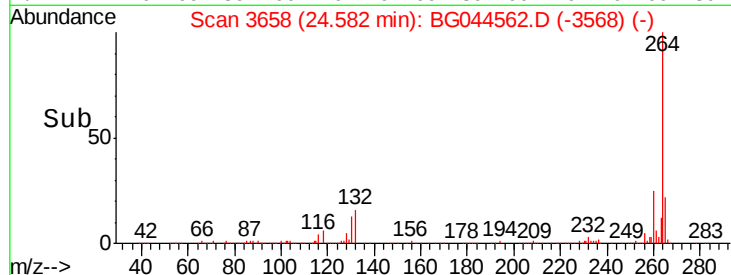
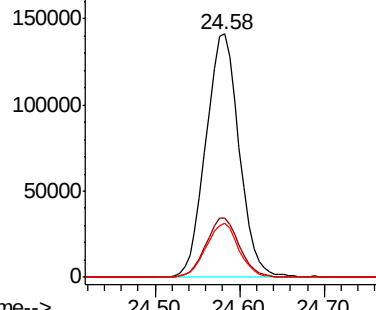
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 385839
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.3 17.6 26.4

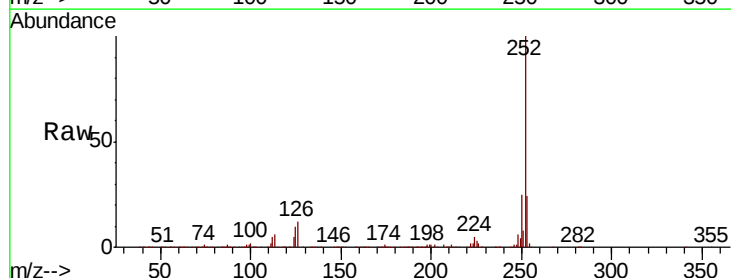


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

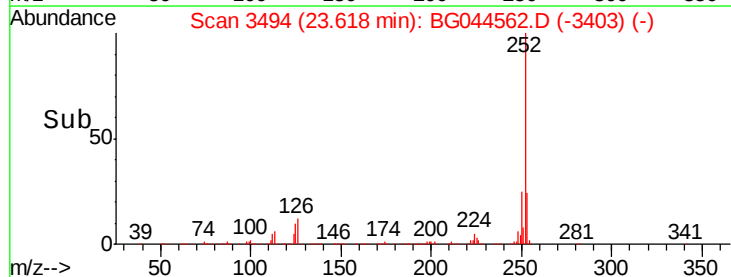
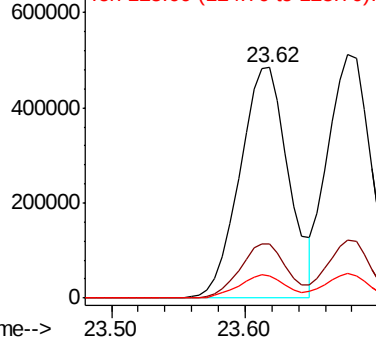


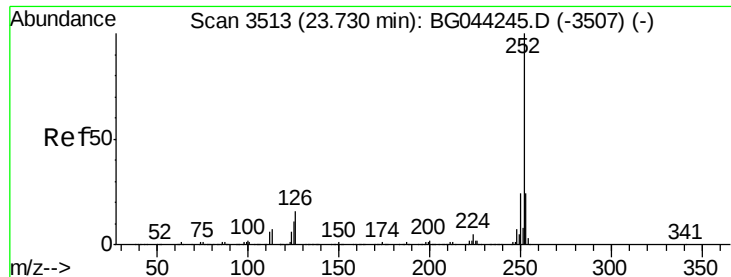
#88
Benzo(b)fluoranthene
Concen: 55.332 ng
RT: 23.62 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:252 Resp: 1230215
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 9.8 8.1 12.1



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

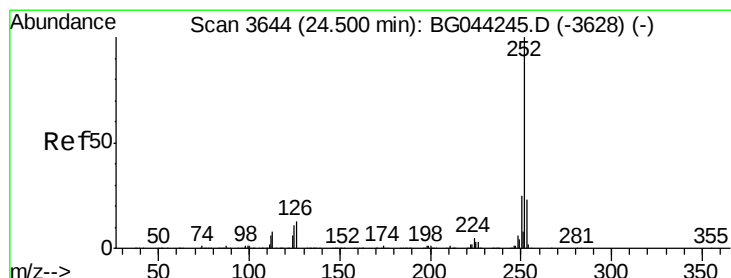
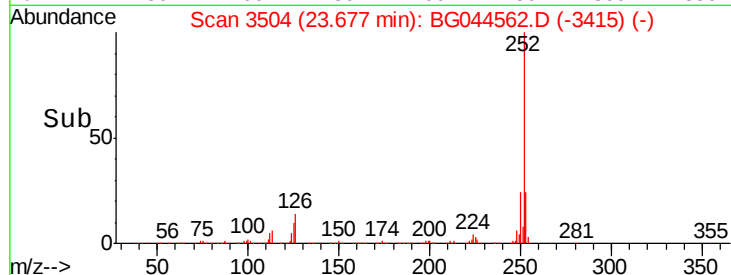
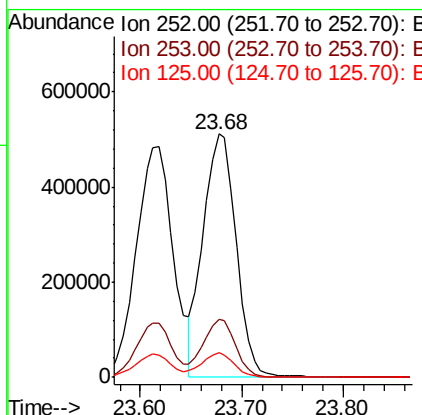
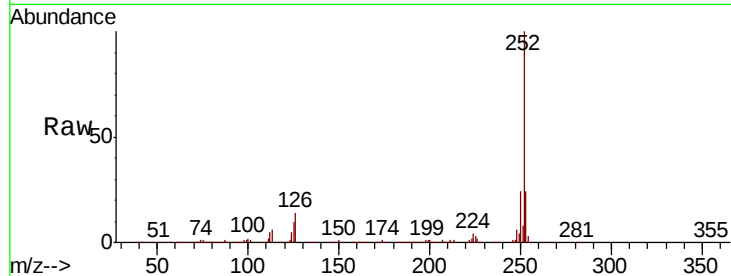




#89
Benzo(k)fluoranthene
Concen: 53.005 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

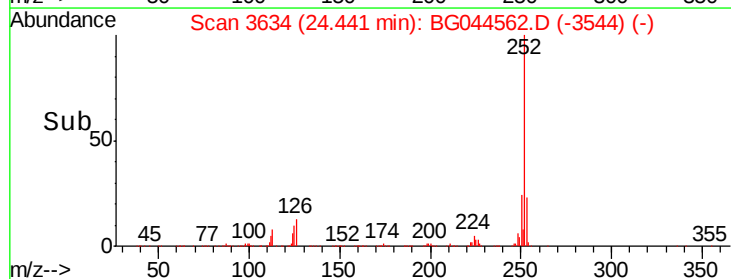
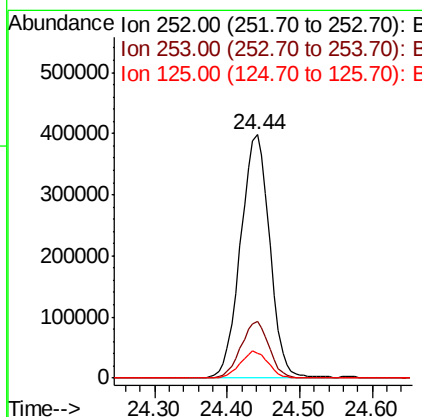
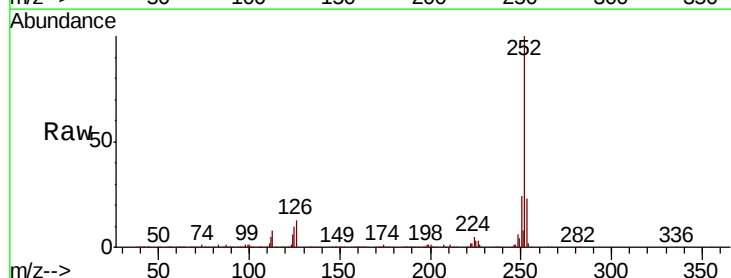
Instrument :
BNA_G
ClientSampleId :

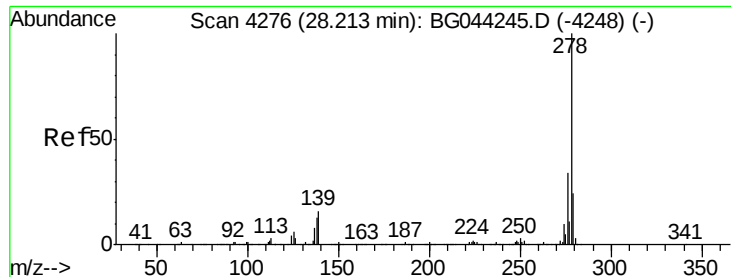
Tot Ion:252 Resp: 1148588
Ion Ratio Lower Upper
252 100
253 23.8 19.6 29.4
125 10.1 7.9 11.9



#90
Benzo(a)pyrene
Concen: 52.886 ng
RT: 24.44 min Scan# 3634
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:252 Resp: 1111738
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.4 8.7 13.1

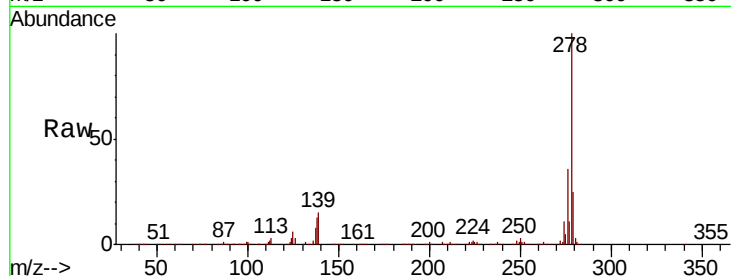




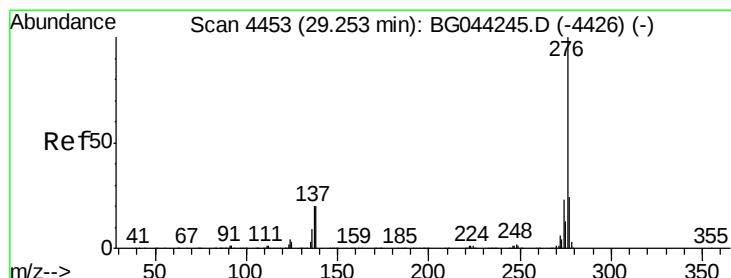
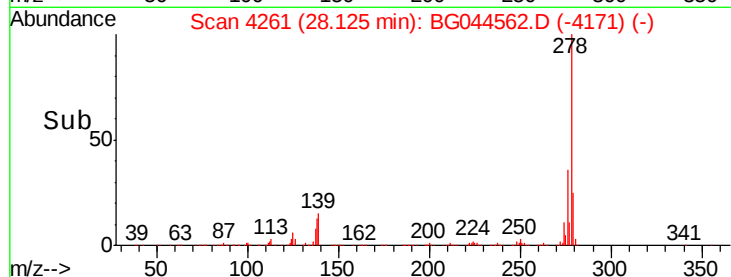
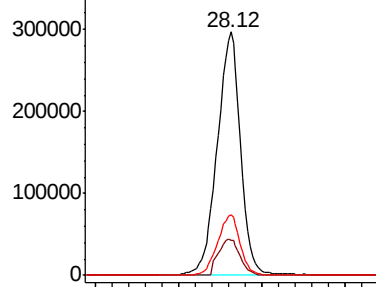
#91
Dibenzo(a,h)anthracene
Concen: 55.793 ng
RT: 28.12 min Scan# 4261
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1160732
Ion Ratio Lower Upper
278 100
139 14.6 12.7 19.1
279 24.9 20.2 30.2

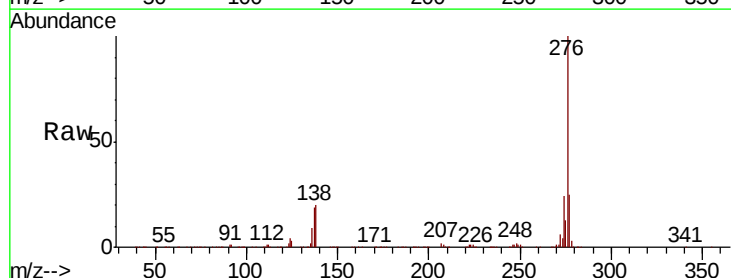


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.934 ng
RT: 29.15 min Scan# 4436
Delta R.T. 0.00 min
Lab File: BG044562.D
Acq: 21 Feb 2020 23:30

Tgt Ion:276 Resp: 1185725
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.8
138 20.4 16.4 24.6



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

