

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044816.D
 Acq On : 16 Mar 2020 16:59
 Operator : CG/JU
 Sample : L1912-17MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 17:45:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	85886	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	341039	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	241714	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	605853	20.00	ng	0.00
76) Chrysene-d12	21.70	240	517018	20.00	ng	0.00
87) Perylene-d12	24.91	264	622496	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	533347	96.67	ng	0.00
7) Phenol-d6	7.20	99	742944	92.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	476276	61.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	339341	107.22	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	964868	57.16	ng	0.00
79) Terphenyl-d14	20.04	244	1679524	60.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	79908	30.076	ng	99
3) Pyridine	3.91	79	200435	25.484	ng	97
4) n-Nitrosodimethylamine	3.82	42	100973	33.836	ng	86
6) Aniline	7.37	93	166680	16.710	ng	95
8) 2-Chlorophenol	7.61	128	224935	40.841	ng	98
9) Benzaldehyde	7.18	77	171441	33.529	ng	94
10) Phenol	7.23	94	299273	37.710	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	216883	34.243	ng	97
12) 1,3-Dichlorobenzene	7.94	146	234958	34.631	ng	97
13) 1,4-Dichlorobenzene	8.08	146	235663	35.135	ng	98
14) 1,2-Dichlorobenzene	8.41	146	219035	34.432	ng	98
15) Benzyl Alcohol	8.28	79	224675	34.933	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	336546	30.110	ng	99
17) 2-Methylphenol	8.49	107	200555	37.307	ng	96
18) Hexachloroethane	9.14	117	90914	34.428	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	184898	32.666	ng	99
20) 3+4-Methylphenols	8.81	107	275176	37.133	ng	93
22) Acetophenone	8.87	105	325212	33.660	ng	100
24) Nitrobenzene	9.25	77	276218	34.253	ng	98
25) Isophorone	9.78	82	509556	33.593	ng	# 98
26) 2-Nitrophenol	9.96	139	117662	42.714	ng	99
27) 2,4-Dimethylphenol	10.02	122	198694	40.225	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	294571	32.541	ng	99
29) 2,4-Dichlorophenol	10.50	162	217530	37.703	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	237475	34.423	ng	97
31) Naphthalene	10.91	128	655133	34.678	ng	99
32) Benzoic acid	10.14	122	131880	37.037	ng	99
33) 4-Chloroaniline	11.00	127	90173	10.594	ng	97
34) Hexachlorobutadiene	11.21	225	153185	33.766	ng	97
35) Caprolactam	11.77	113	54038	24.738	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	260935	37.921	ng	99
37) 2-Methylnaphthalene	12.51	142	490013	34.674	ng	95
38) 1-Methylnaphthalene	12.73	142	465895	35.067	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	263628	33.118	ng	98

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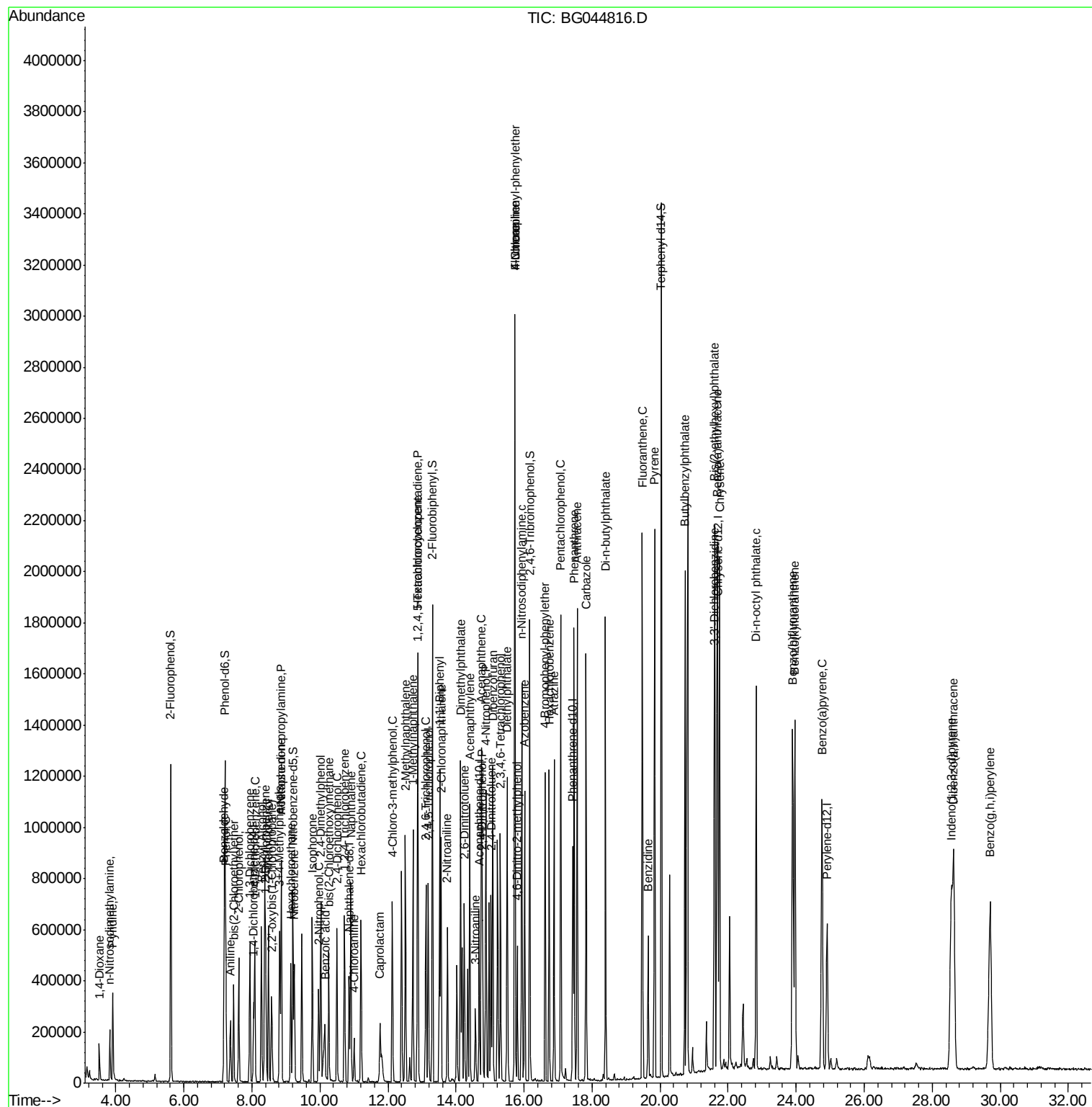
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	347182	79.805	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	191777	36.301	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	214467	39.145	ng	96
46) 1,1'-Biphenyl	13.52	154	625017	32.358	ng	99
47) 2-Chloronaphthalene	13.56	162	480604	32.571	ng	96
48) 2-Nitroaniline	13.75	65	186012	36.008	ng	98
49) Acenaphthylene	14.41	152	813662	35.198	ng	99
50) Dimethylphthalate	14.14	163	792359	41.158	ng	100
51) 2,6-Dinitrotoluene	14.25	165	150602	38.810	ng	98
52) Acenaphthene	14.75	154	585244	38.657	ng	97
53) 3-Nitroaniline	14.57	138	70697	15.846	ng	91
54) 2,4-Dinitrophenol	14.78	184	163610	80.614	ng	89
55) Dibenzofuran	15.08	168	783897	35.706	ng	100
56) 4-Nitrophenol	14.88	139	282420	82.946	ng	96
57) 2,4-Dinitrotoluene	15.03	165	218161	40.992	ng	98
58) Fluorene	15.73	166	650429	36.015	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	213201	42.268	ng	95
60) Diethylphthalate	15.50	149	708786	35.300	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	348754	35.864	ng	99
62) 4-Nitroaniline	15.73	138	164461	34.571	ng	96
63) Azobenzene	16.02	77	729281	34.975	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123363	44.031	ng	99
66) n-Nitrosodiphenylamine	15.93	169	599176	32.849	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	242944	32.076	ng	99
68) Hexachlorobenzene	16.74	284	267164	32.514	ng	96
69) Atrazine	16.89	200	250846	37.536	ng	98
70) Pentachlorophenol	17.08	266	341889	75.621	ng	99
71) Phenanthrene	17.47	178	1116564	34.488	ng	99
72) Anthracene	17.56	178	1139271	35.687	ng	98
73) Carbazole	17.83	167	1065882	34.758	ng	98
74) Di-n-butylphthalate	18.40	149	1293377	34.696	ng	99
75) Fluoranthene	19.48	202	1365131	35.413	ng	100
77) Benzidine	19.65	184	330035	19.663	ng	99
78) Pyrene	19.83	202	1363959	35.958	ng	99
80) Butylbenzylphthalate	20.73	149	579458	34.338	ng	99
81) Benzo(a)anthracene	21.68	228	1305741	35.073	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	245629	17.054	ng	99
83) Chrysene	21.74	228	1241703	34.916	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	807805	34.685	ng	97
85) Di-n-octyl phthalate	22.83	149	1392858	35.739	ng	99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1644232	35.267	ng	99
88) Benzo(b)fluoranthene	23.89	252	1399725	34.060	ng	98
89) Benzo(k)fluoranthene	23.96	252	1312279	33.743	ng	100
90) Benzo(a)pyrene	24.76	252	1279844	33.283	ng	97
91) Dibenzo(a,h)anthracene	28.62	278	1337639	35.260	ng	97
92) Benzo(g,h,i)perylene	29.70	276	1367215	35.671	ng	98

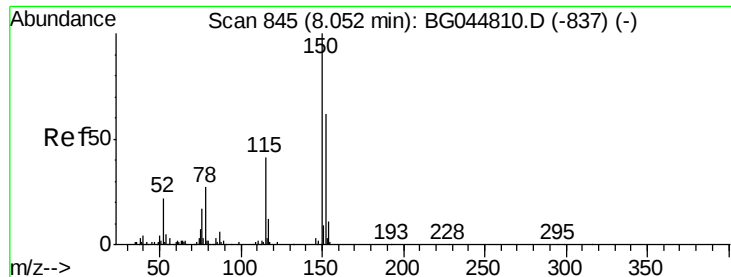
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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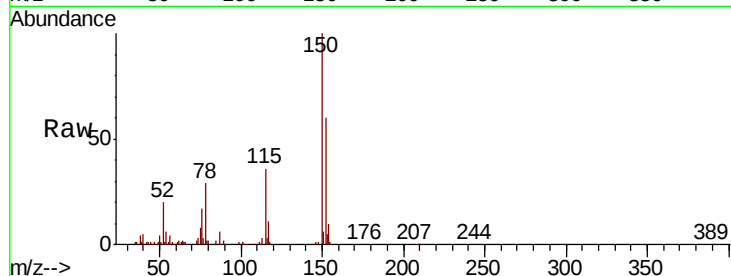


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	85886
Ion Ratio	Lower	Upper	
152	100		
150	167.9	128.8	193.2
115	60.1	52.6	79.0

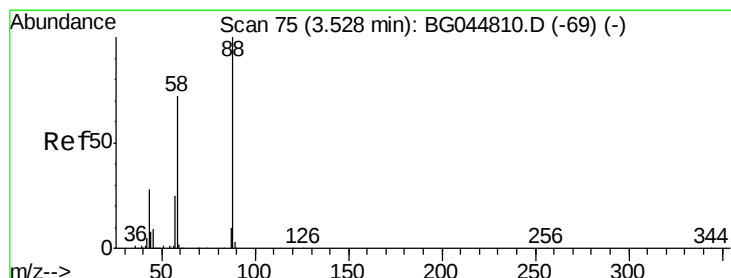
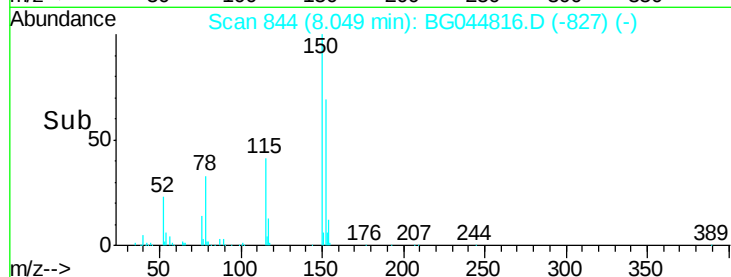
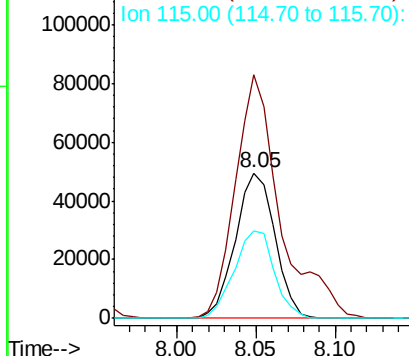


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

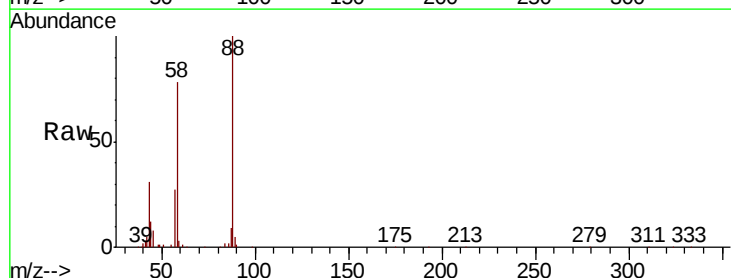
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.076 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	88	Resp	79908
Ion Ratio	Lower	Upper	
88	100		
58	77.3	63.0	94.4
43	30.8	24.8	37.2

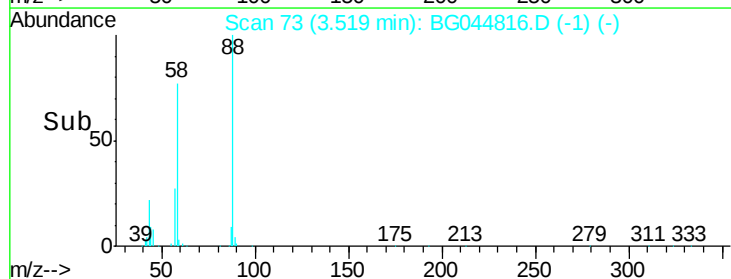
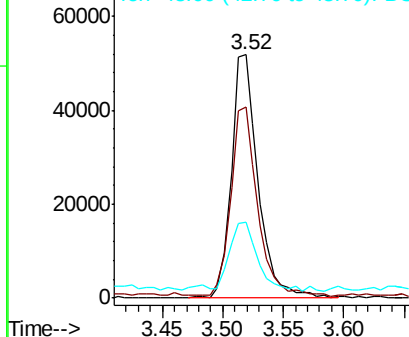


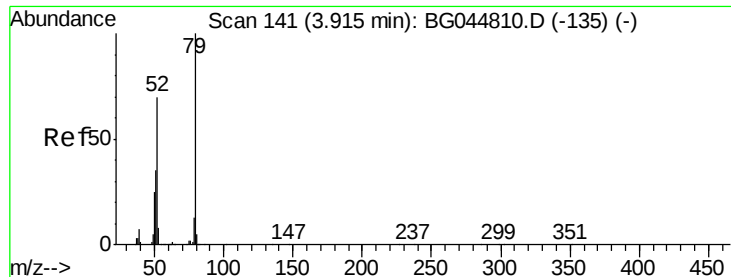
Abundance

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: 25.484 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

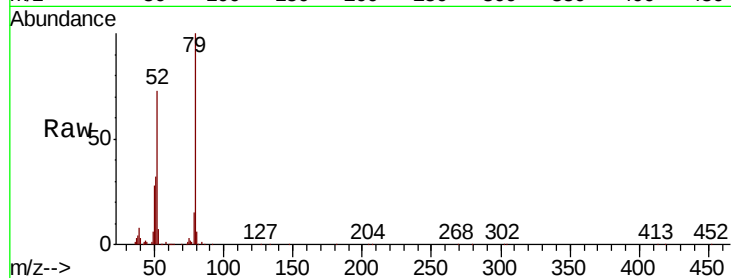
Tot Ion: 79 Resp: 200435

Ion Ratio Lower Upper

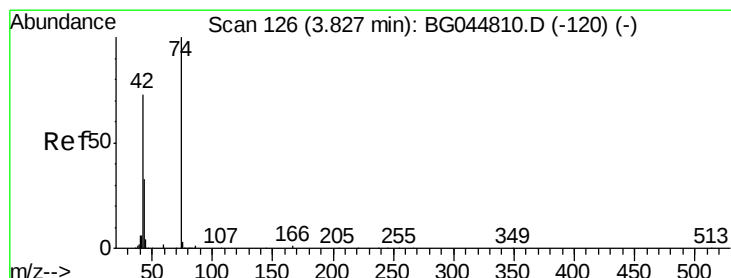
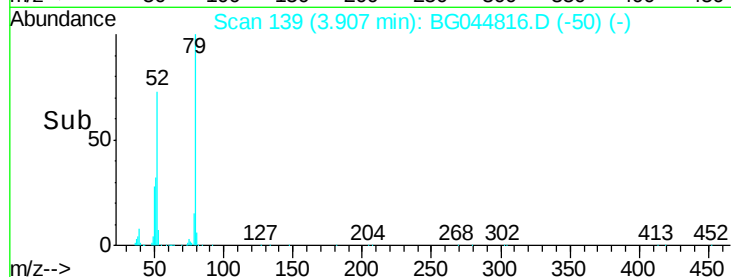
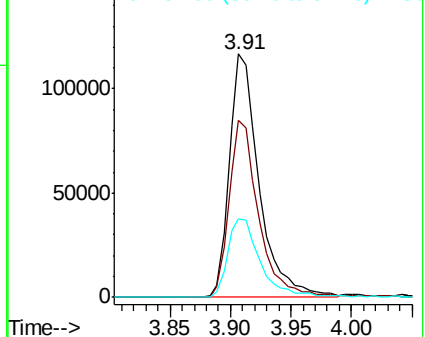
79 100

52 72.8 56.3 84.5

51 32.4 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.836 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

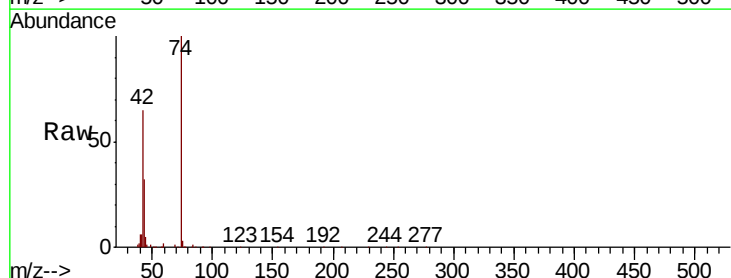
Tgt Ion: 42 Resp: 100973

Ion Ratio Lower Upper

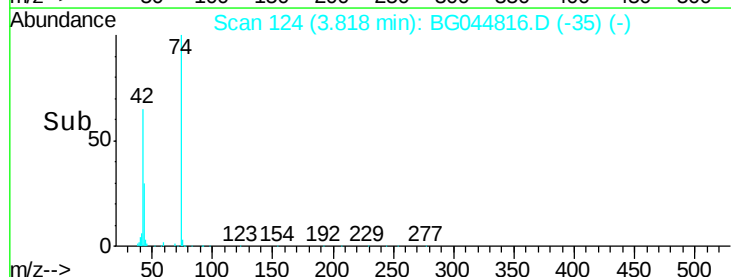
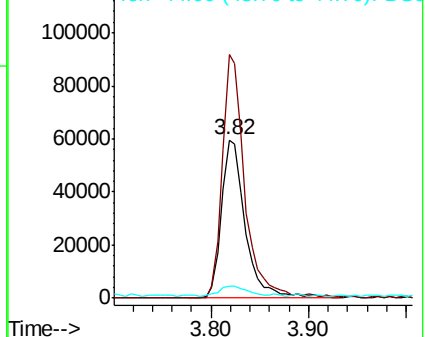
42 100

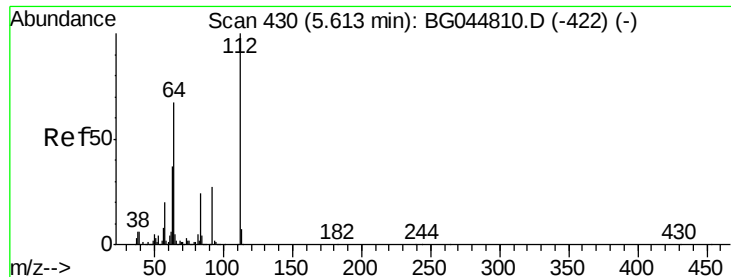
74 153.9 109.1 163.7

44 7.6 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 96.670 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

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Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

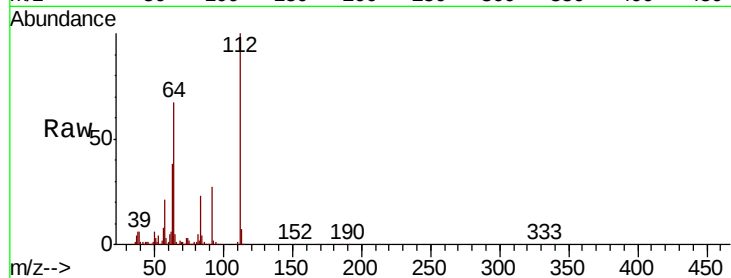
Tot Ion:112 Resp: 533347

Ion Ratio Lower Upper

112 100

64 67.5 53.4 80.2

63 37.9 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

400000

300000

200000

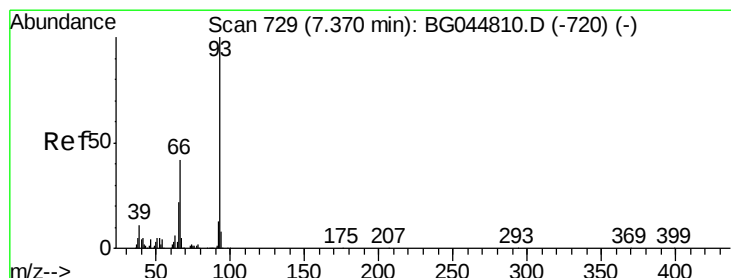
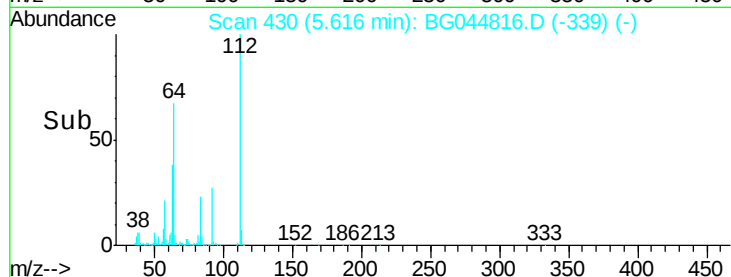
100000

0

5.62

5.50 5.55 5.60 5.65 5.70

Time-->



#6

Aniline

Concen: 16.710 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

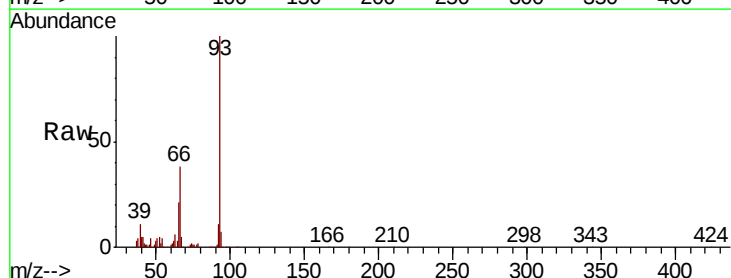
Tgt Ion: 93 Resp: 166680

Ion Ratio Lower Upper

93 100

66 37.7 33.7 50.5

65 20.9 17.7 26.5



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

150000

100000

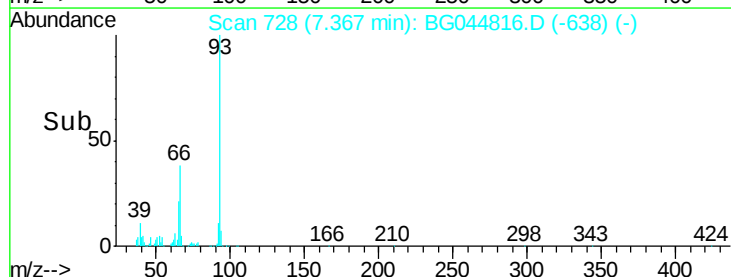
50000

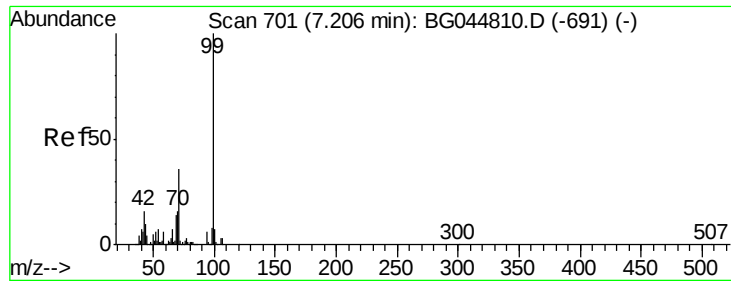
0

7.37

7.30 7.35 7.40 7.45

Time-->





#7

Phenol-d6

Concen: 92.681 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044816.D

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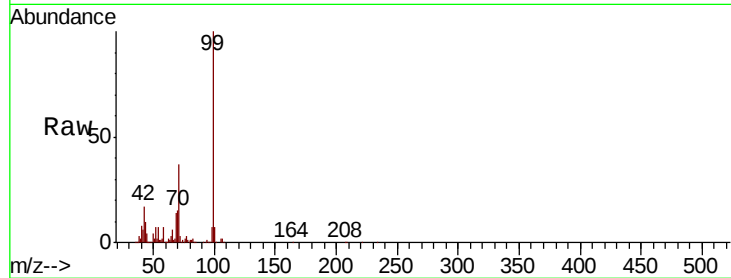
Tot Ion: 99 Resp: 742944

Ion Ratio Lower Upper

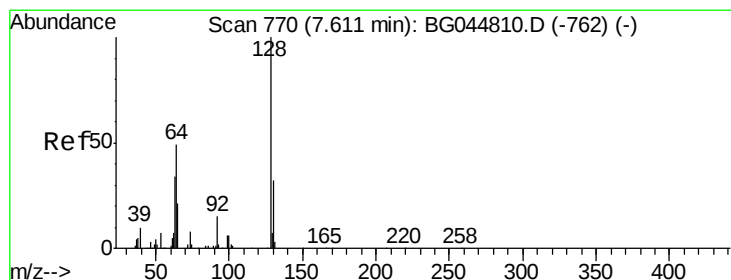
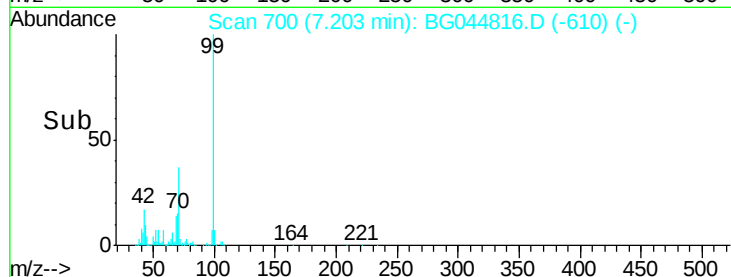
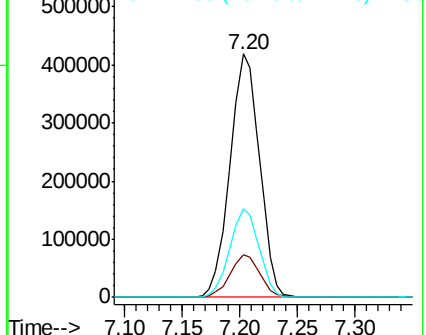
99 100

42 17.3 12.6 19.0

71 36.5 29.0 43.4



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: 40.841 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

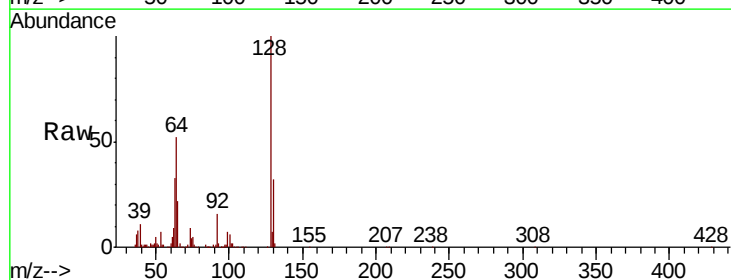
Tgt Ion:128 Resp: 224935

Ion Ratio Lower Upper

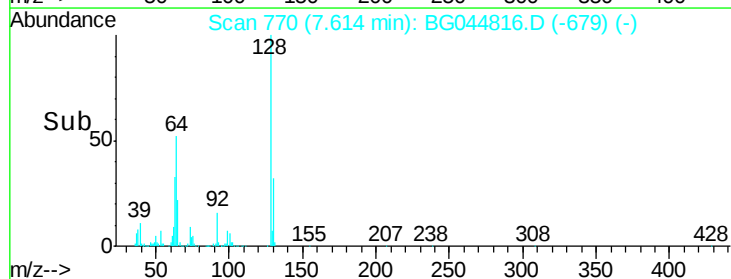
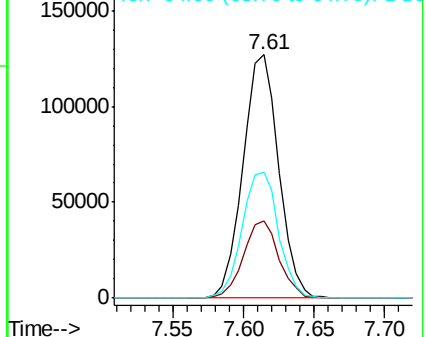
128 100

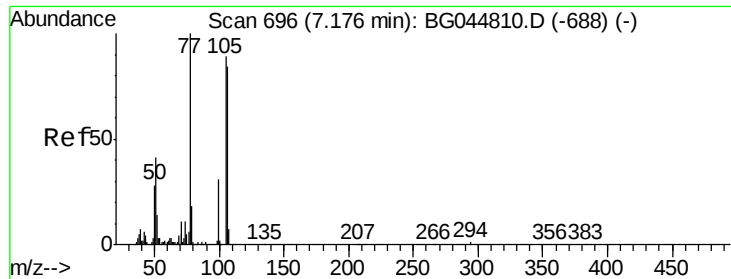
130 31.9 11.6 51.6

64 51.9 34.5 74.5



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





#9

Benzaldehyde

Concen: 33.529 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

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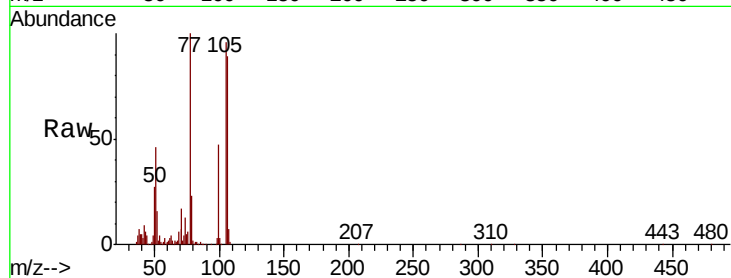
Tot Ion: 77 Resp: 171441

Ion Ratio Lower Upper

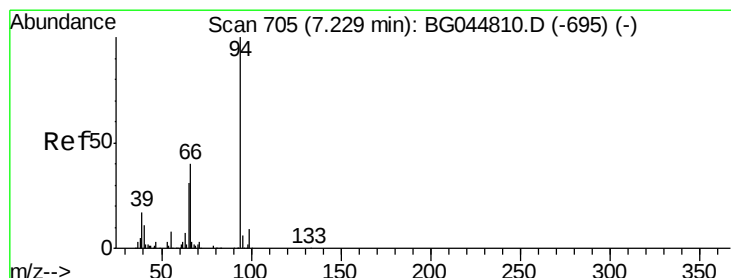
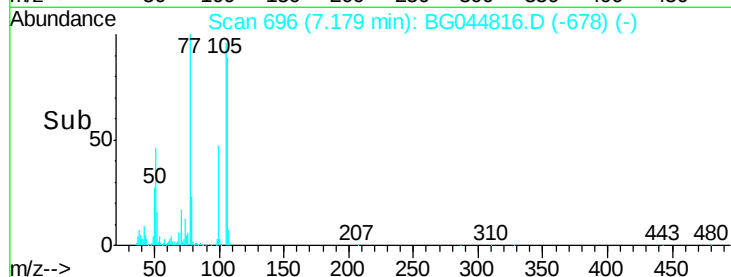
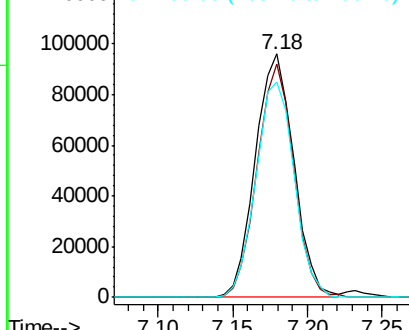
77 100

105 96.1 69.3 109.3

106 88.6 64.5 104.5



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: 37.710 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

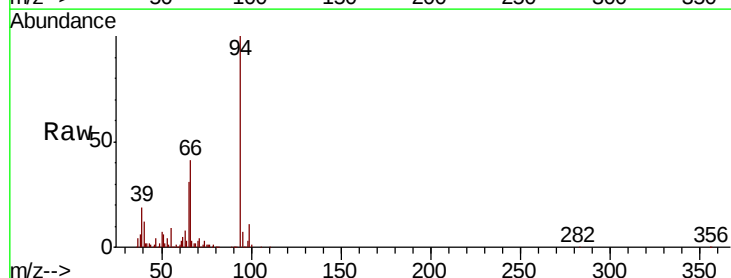
Tgt Ion: 94 Resp: 299273

Ion Ratio Lower Upper

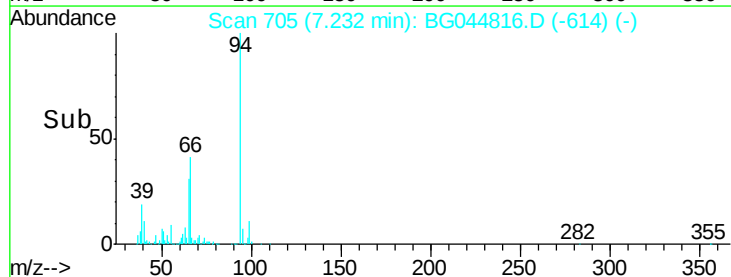
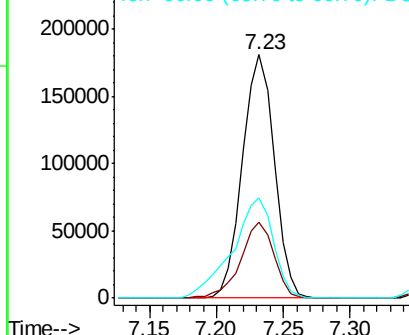
94 100

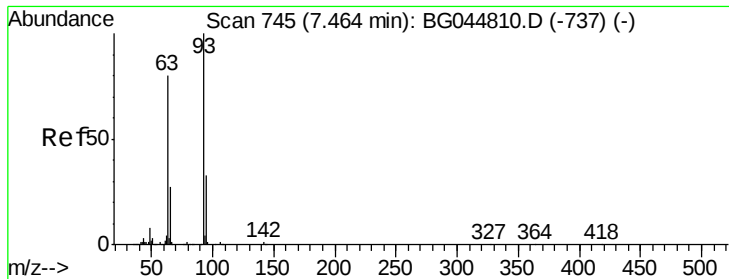
65 31.1 11.0 51.0

66 41.2 20.1 60.1



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

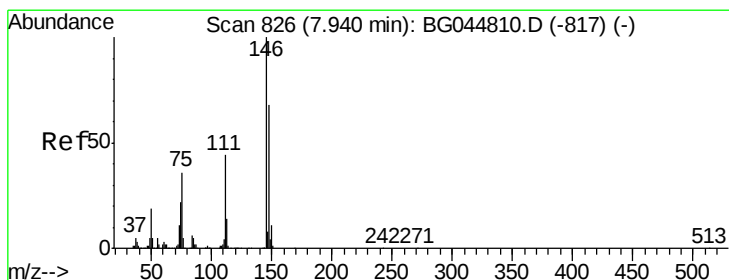
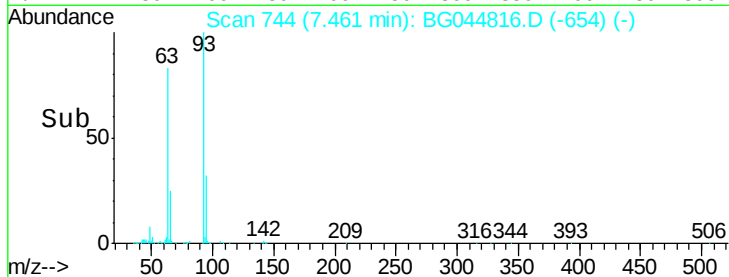
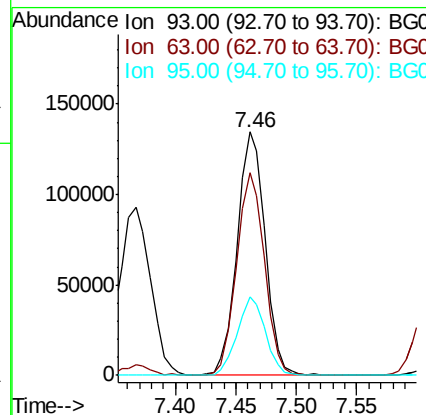
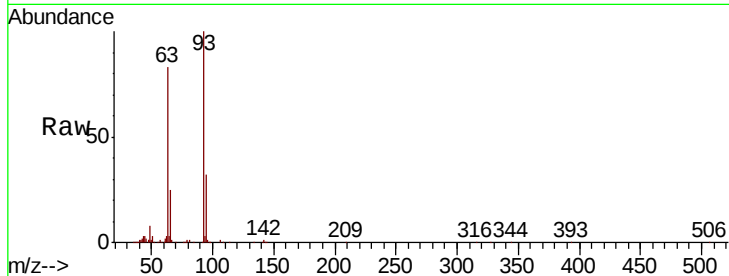




#11
bis(2-Chloroethyl)ether
Concen: 34.243 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

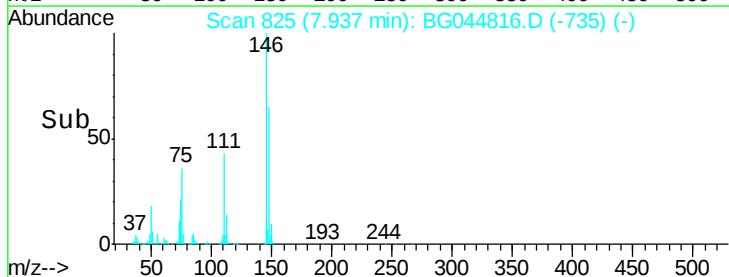
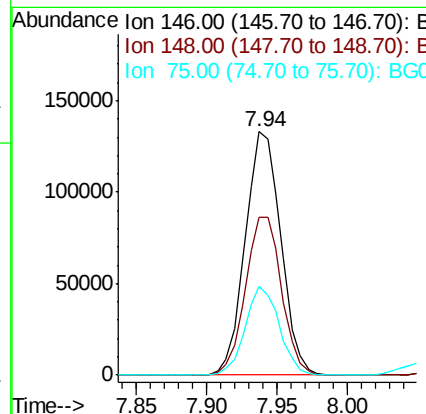
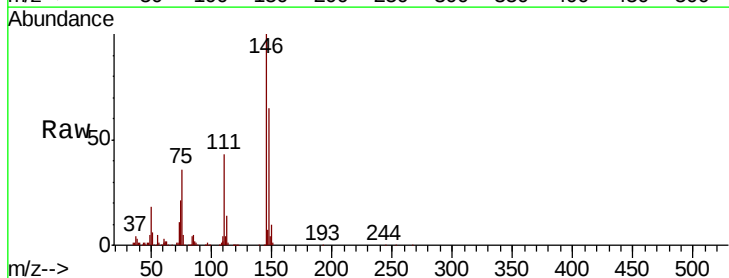
Instrument :
BNA_G
ClientSampleId :

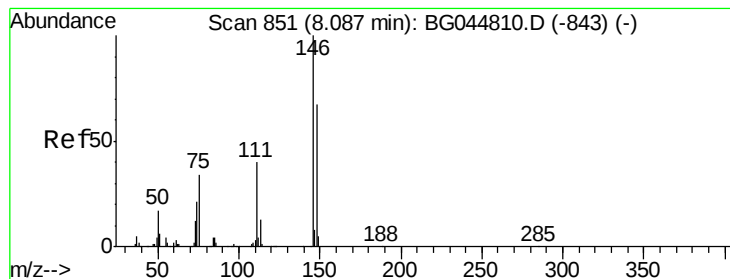
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.7	99.7
95	32.3	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 34.631 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.2	81.4
75	36.3	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 35.135 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

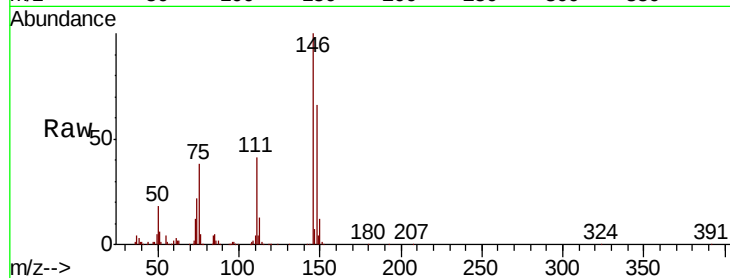
Tot Ion:146 Resp: 235663

Ion Ratio Lower Upper

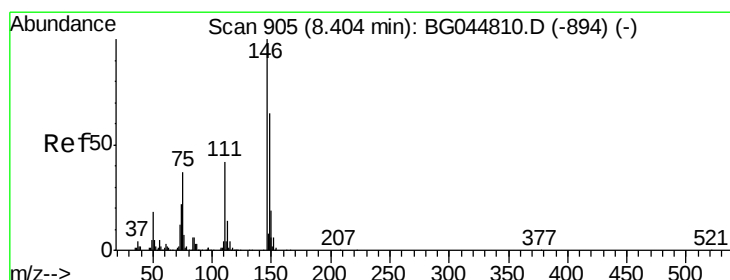
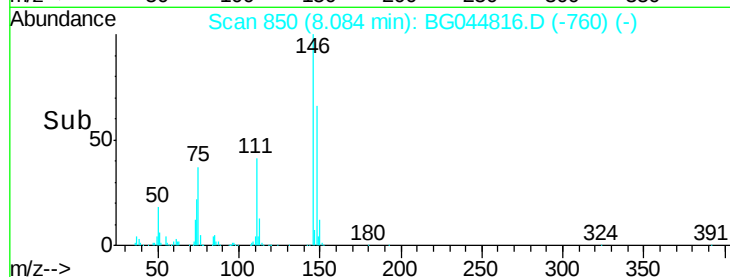
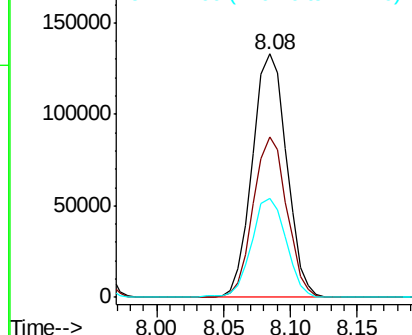
146 100

148 65.8 53.8 80.6

111 40.7 32.0 48.0



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



#14

1,2-Dichlorobenzene

Concen: 34.432 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

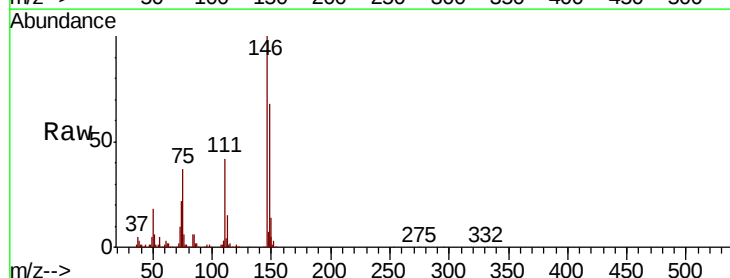
Tgt Ion:146 Resp: 219035

Ion Ratio Lower Upper

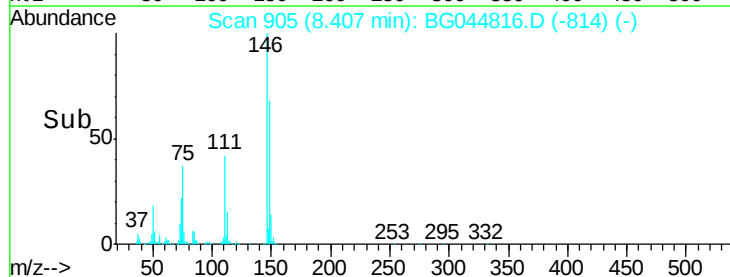
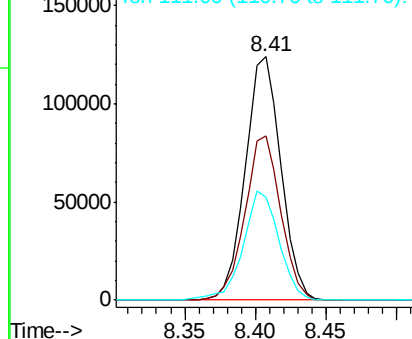
146 100

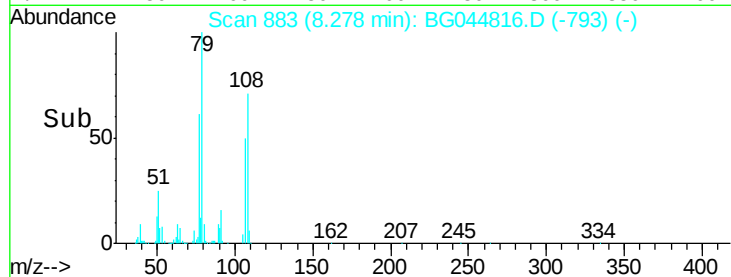
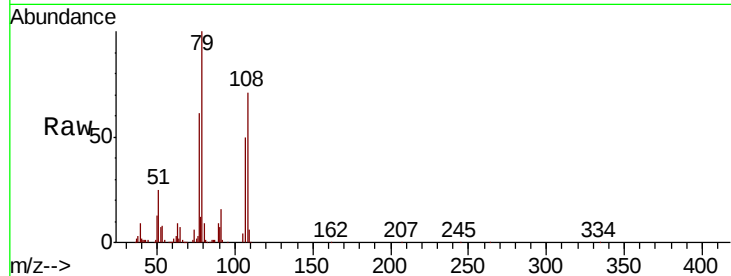
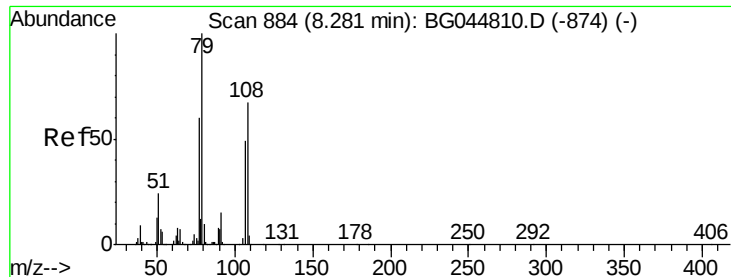
148 67.5 52.1 78.1

111 42.2 33.4 50.2



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





#15

Benzyl Alcohol

Concen: 34.933 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

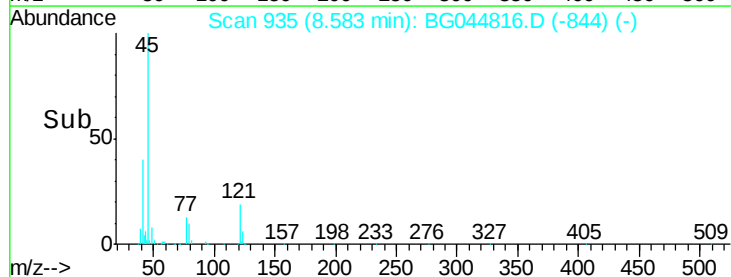
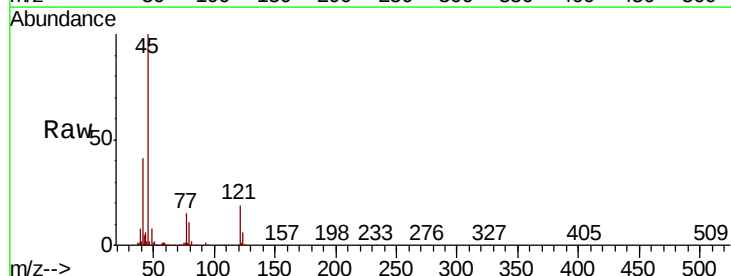
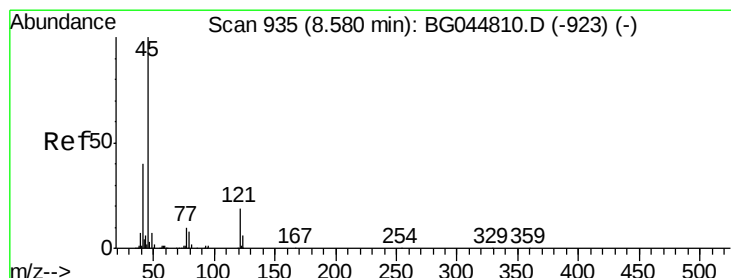
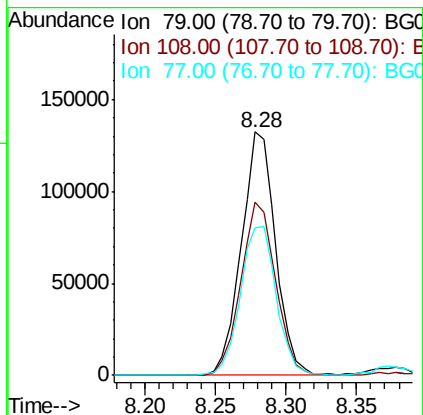
Tot Ion: 79 Resp: 224675

Ion Ratio Lower Upper

79 100

108 71.1 53.8 80.8

77 60.7 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.110 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

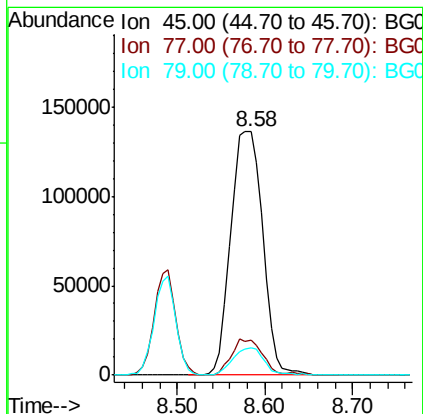
Tgt Ion: 45 Resp: 336546

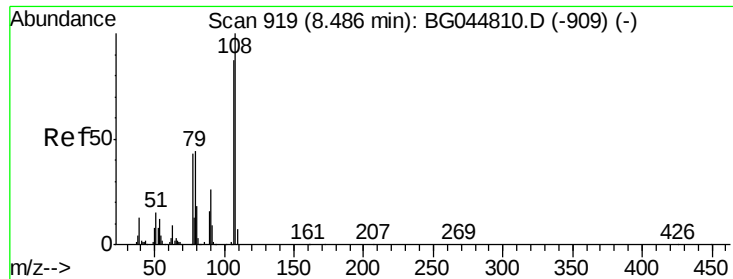
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.9

79 11.1 0.0 30.8





#17

2-Methylphenol

Concen: 37.307 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044816.D

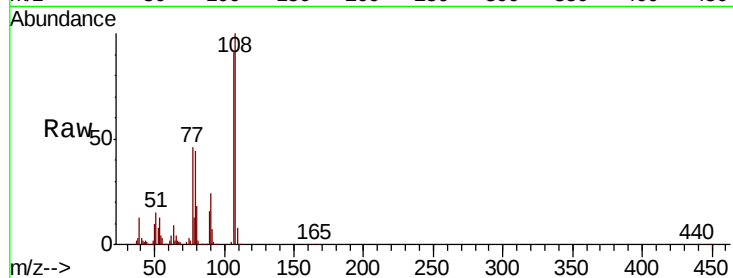
Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	200555
Ion	Ratio	Lower	Upper
107	100		
108	109.4	91.8	137.8
77	50.8	40.0	60.0
79	48.1	40.2	60.2



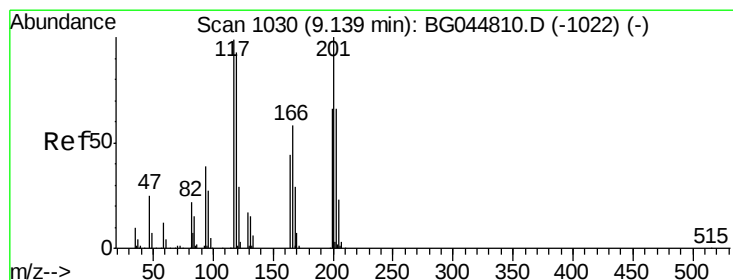
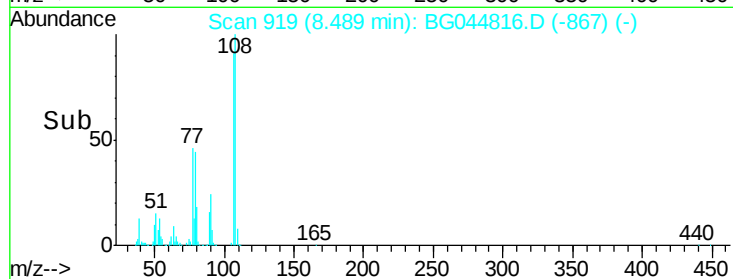
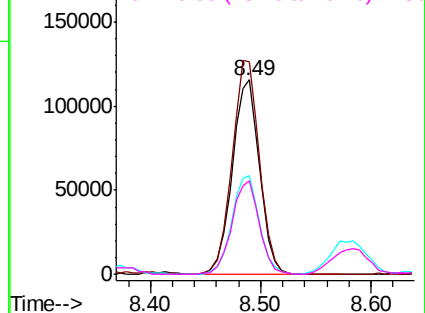
Abundance

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: 34.428 ng

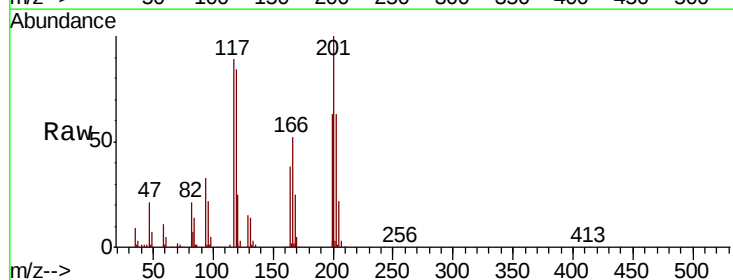
RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	117	Resp:	90914
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.2	112.8
201	112.0	81.1	121.7

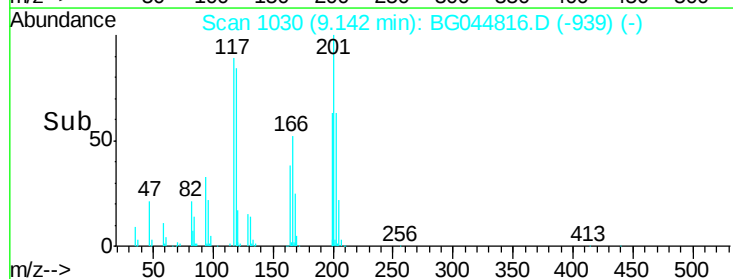
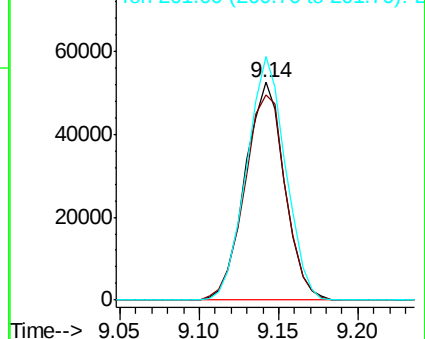


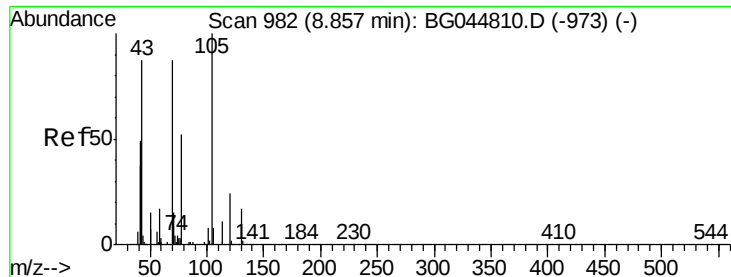
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

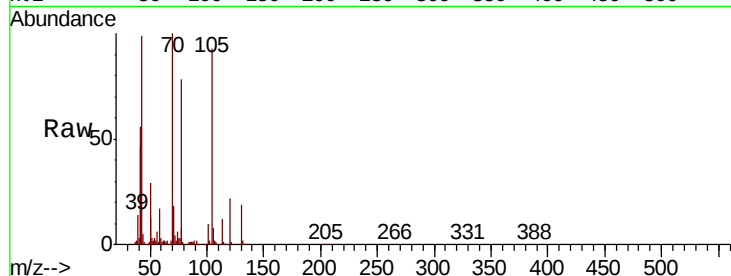




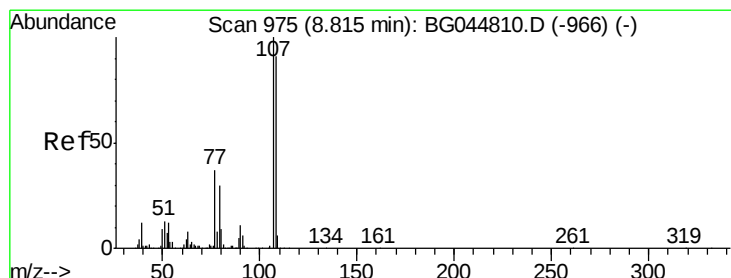
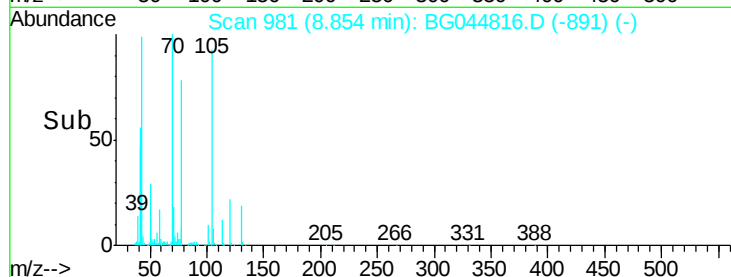
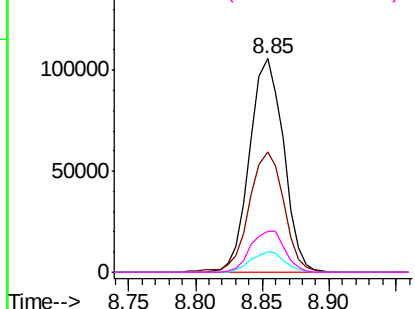
#19
n-Nitroso-di-n-propylamine
Concen: 32.666 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 184898
Ion Ratio Lower Upper
70 100
42 56.1 45.7 68.5
101 9.9 7.4 11.2
130 19.4 15.9 23.9

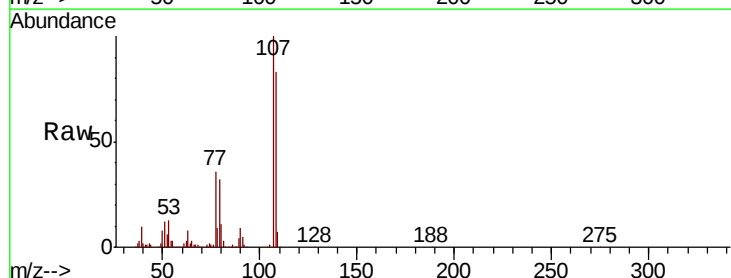


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

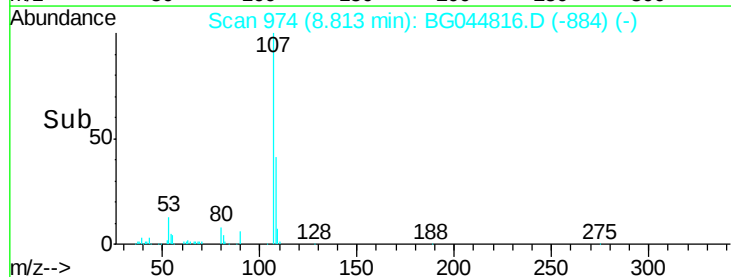
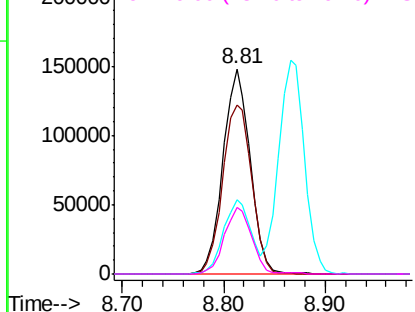


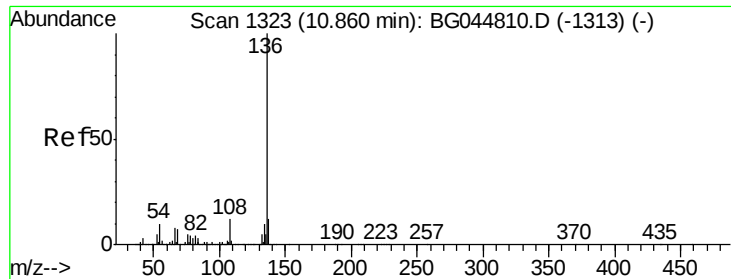
#20
3+4-Methylphenols
Concen: 37.133 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:107 Resp: 275176
Ion Ratio Lower Upper
107 100
108 82.6 71.3 111.3
77 36.2 16.9 56.9
79 32.5 9.7 49.7



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 341039

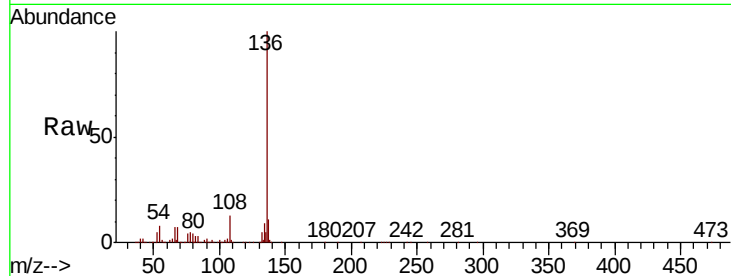
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.6

54 8.4 7.9 11.9

68 7.2 5.4 8.0

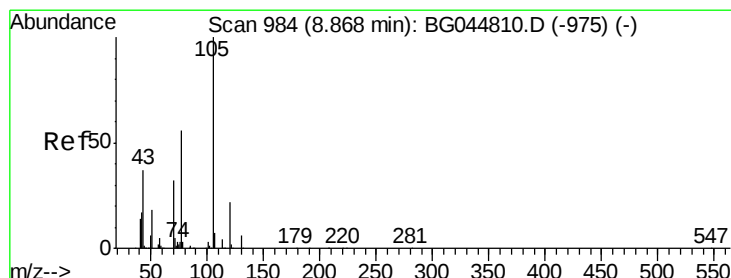
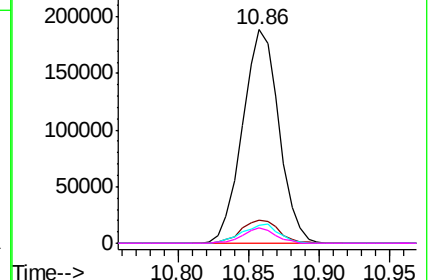
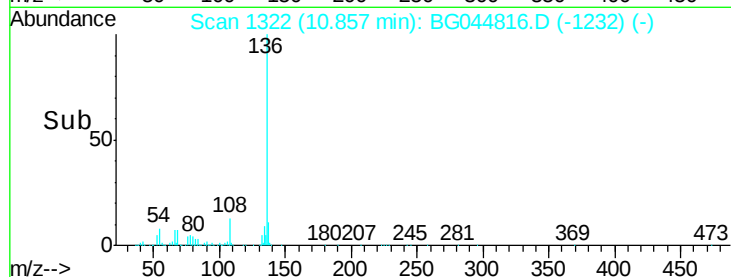


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 33.660 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:105 Resp: 325212

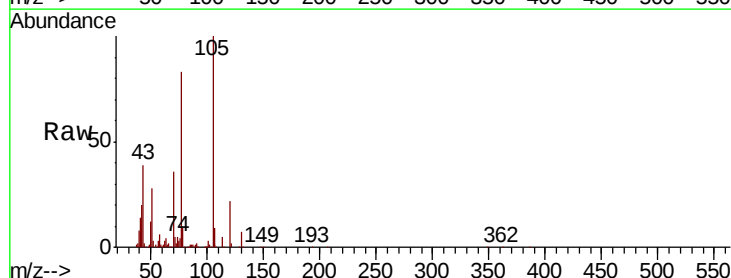
Ion Ratio Lower Upper

105 100

71 5.4 3.9 5.9

51 28.1 22.6 33.8

120 21.7 17.3 25.9

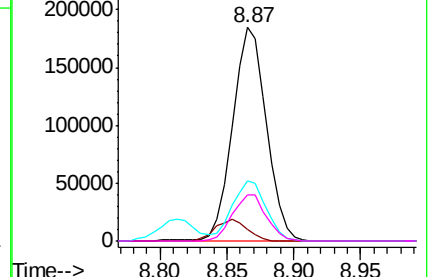
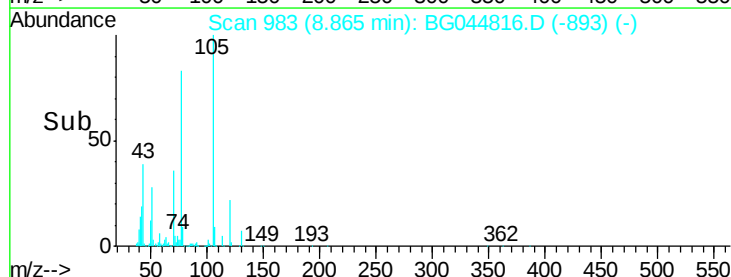


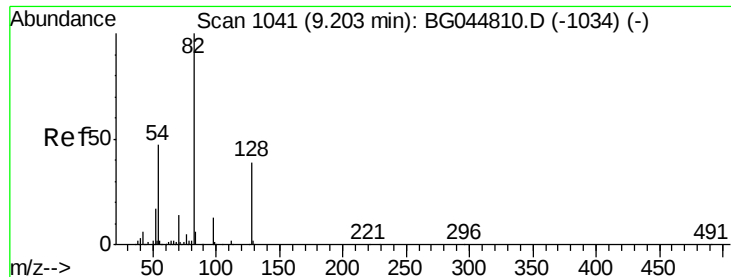
Abundance Ion 105.00 (104.70 to 105.70): E

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

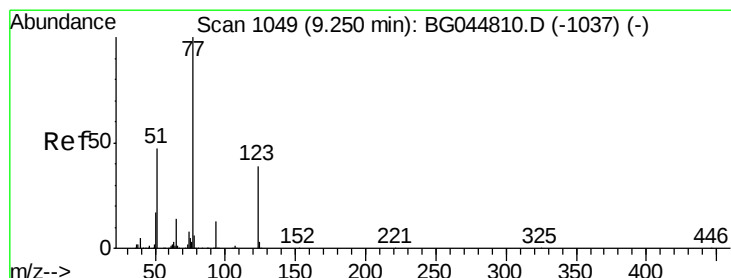
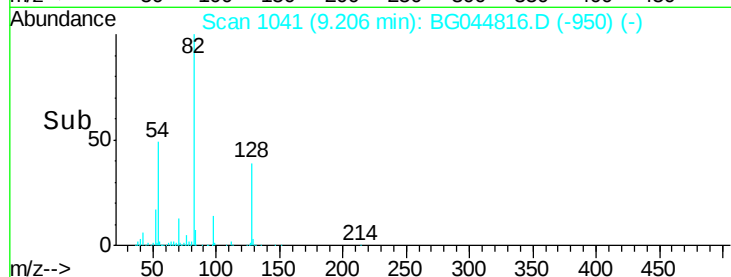
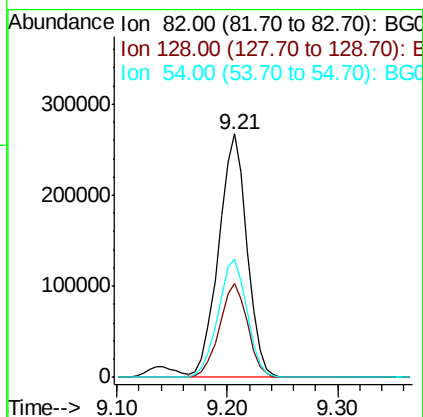
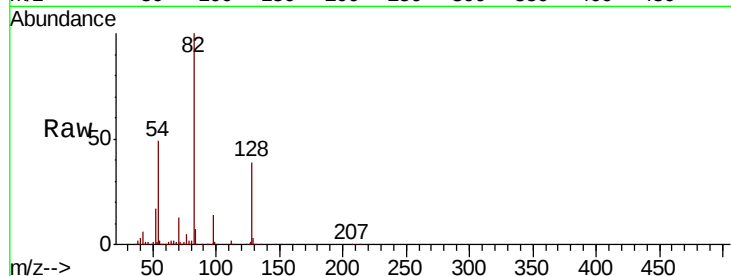




#23
Nitrobenzene-d5
Concen: 61.282 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

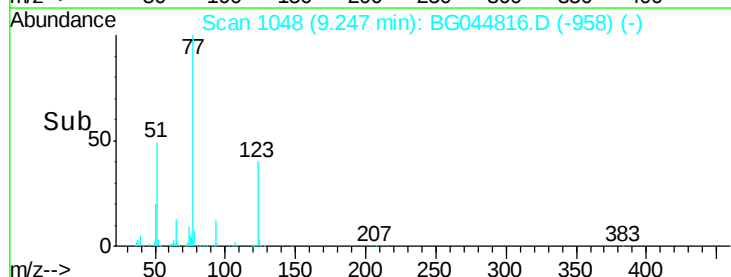
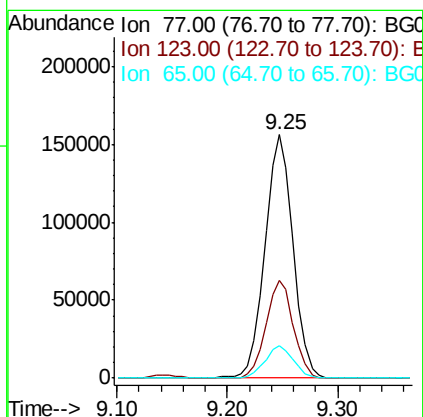
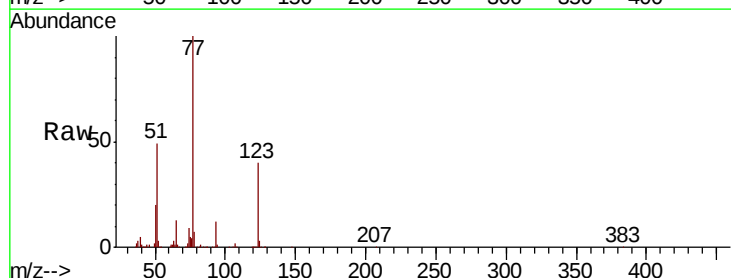
Instrument :
BNA_G
ClientSampleId :

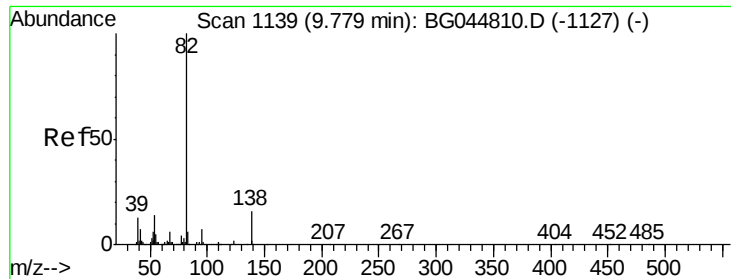
Tot Ion	82	Resp	476276
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.6	46.0
54	48.7	37.1	55.7



#24
Nitrobenzene
Concen: 34.253 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	77	Resp	276218
Ion Ratio	Lower	Upper	
77	100		
123	40.3	31.3	46.9
65	13.5	11.4	17.0





#25

Isophorone

Concen: 33.593 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

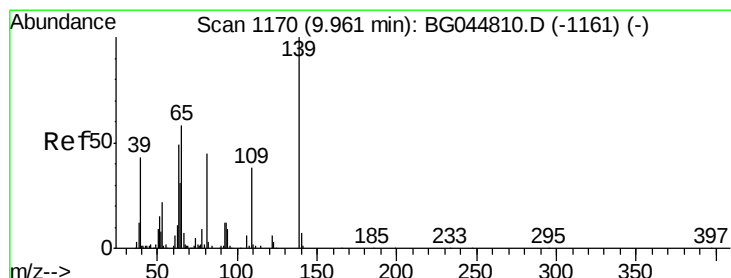
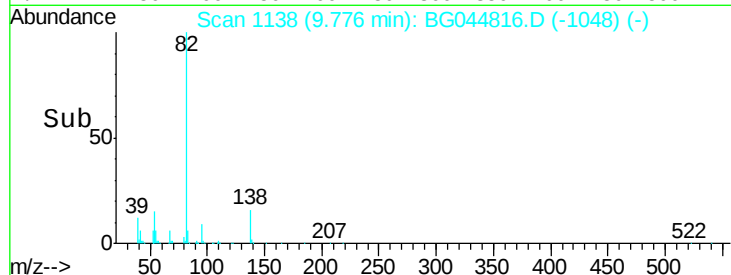
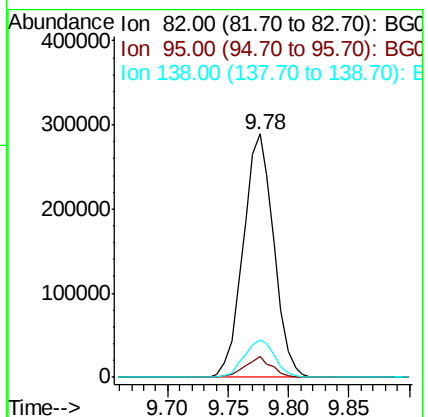
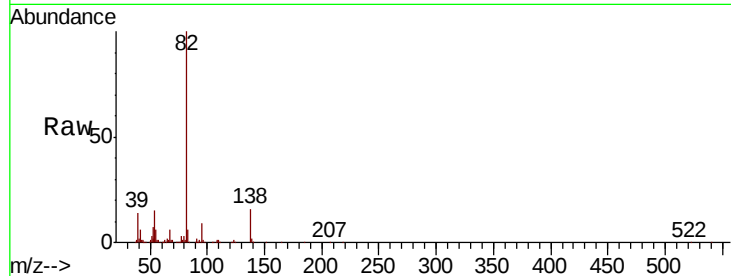
Tot Ion: 82 Resp: 509556

Ion Ratio Lower Upper

82 100

95 8.5 5.5 8.3#

138 15.5 12.5 18.7



#26

2-Nitrophenol

Concen: 42.714 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

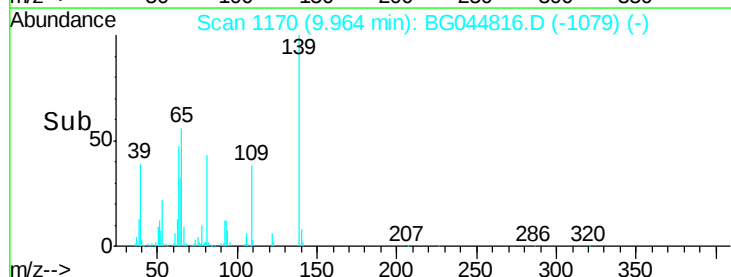
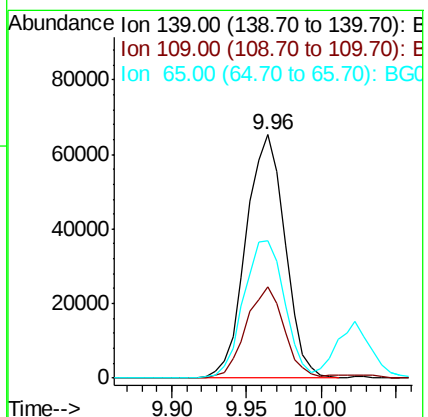
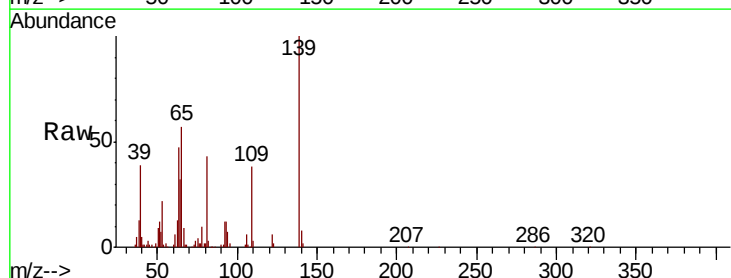
Tgt Ion: 139 Resp: 117662

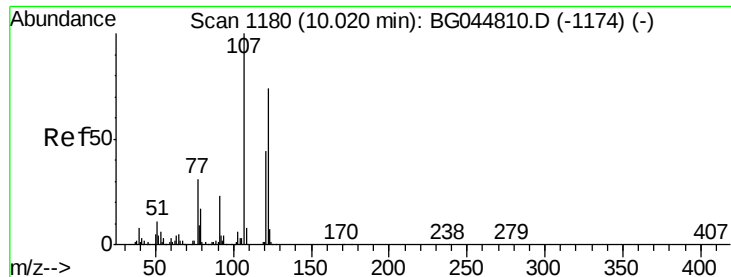
Ion Ratio Lower Upper

139 100

109 37.5 30.2 45.4

65 56.6 46.3 69.5

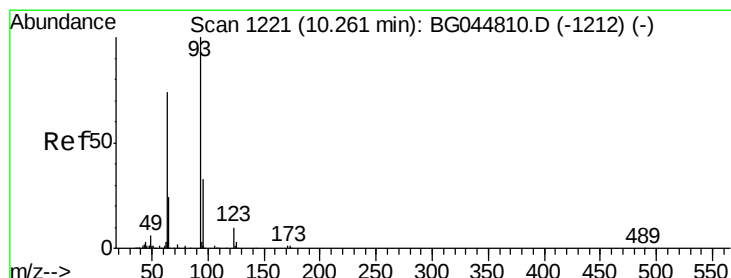
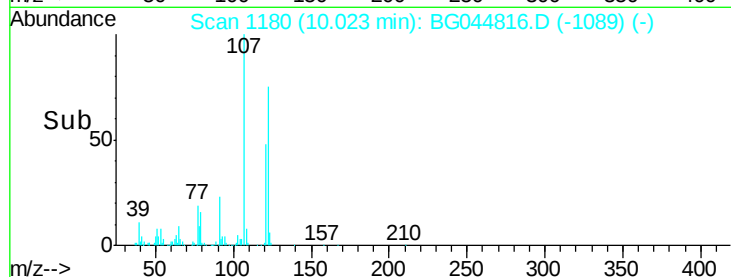
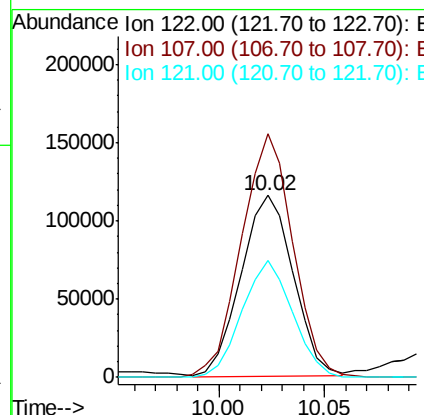
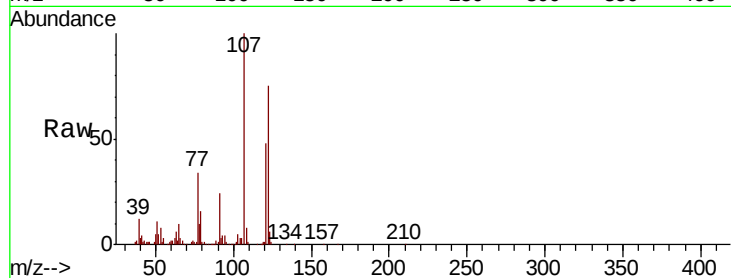




#27
2,4-Dimethylphenol
Concen: 40.225 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

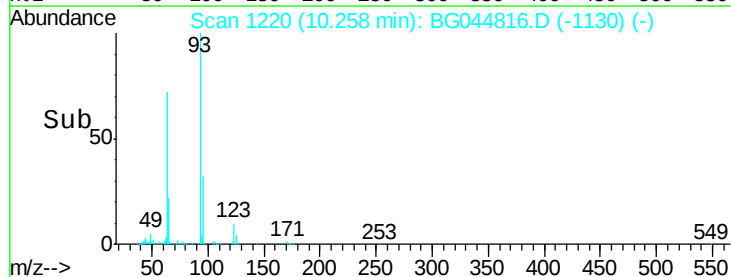
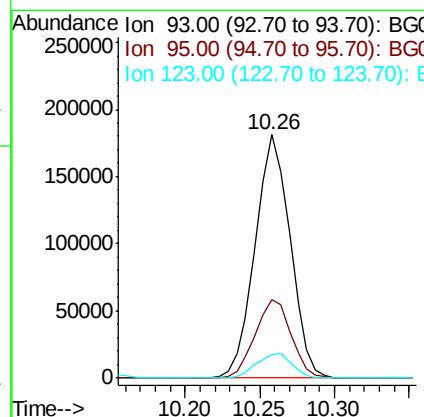
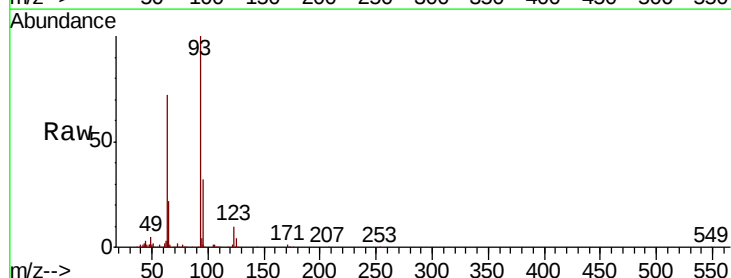
Instrument :
BNA_G
ClientSampled :

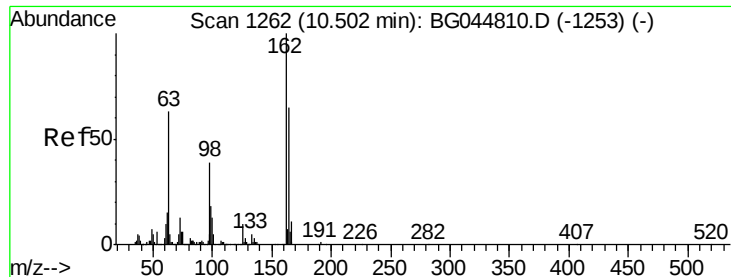
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.0	107.1	160.7
121	64.4	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 32.541 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	9.9	8.4	12.6

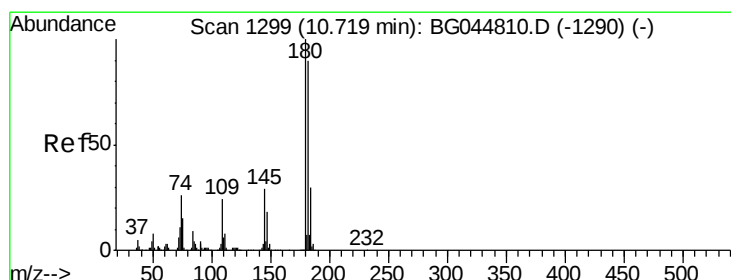
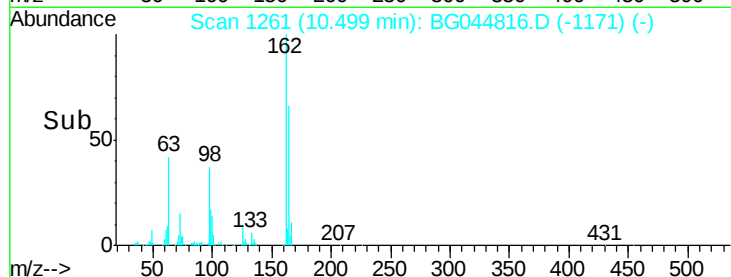
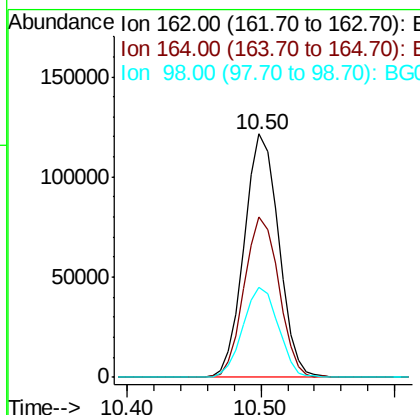
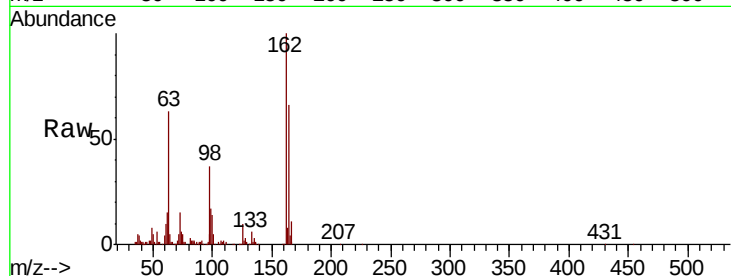




#29
 2,4-Dichlorophenol
 Concen: 37.703 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

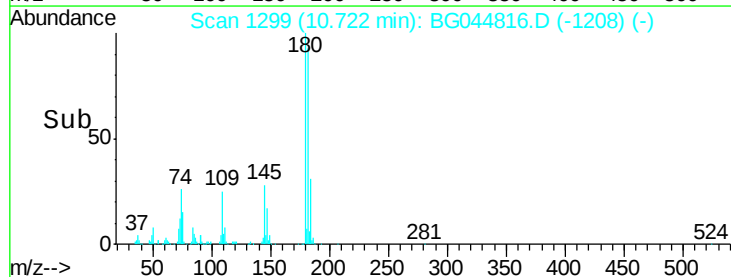
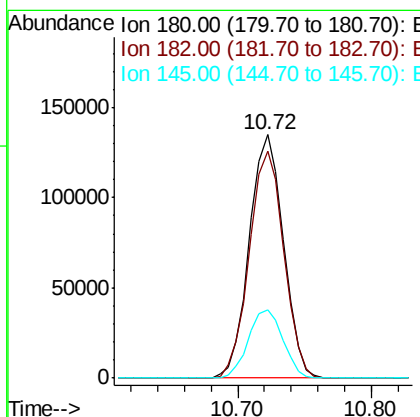
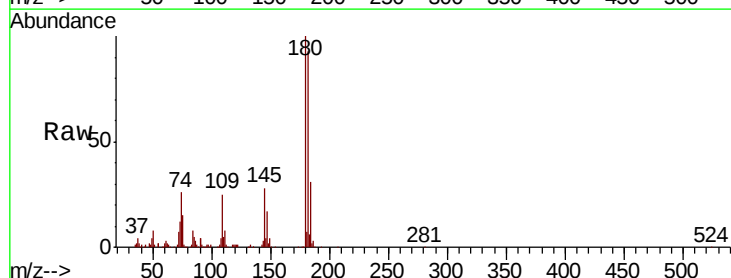
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.2	85.2
98	37.2	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 34.423 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	71.6	107.4
145	28.2	23.4	35.0

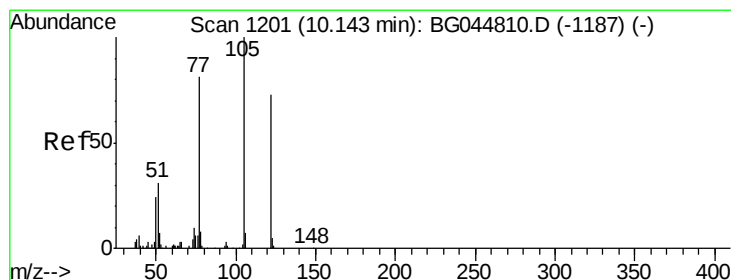
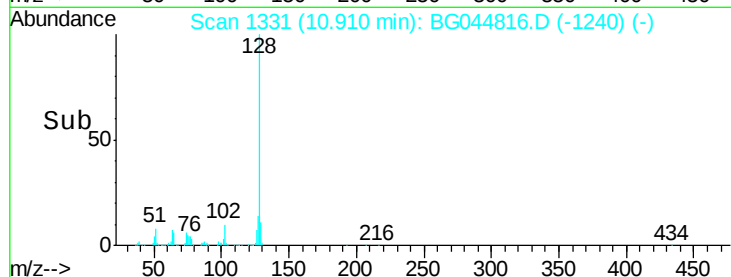
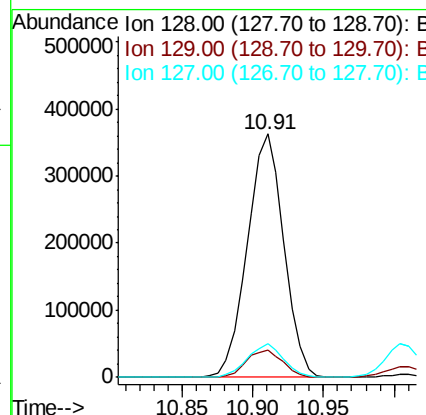
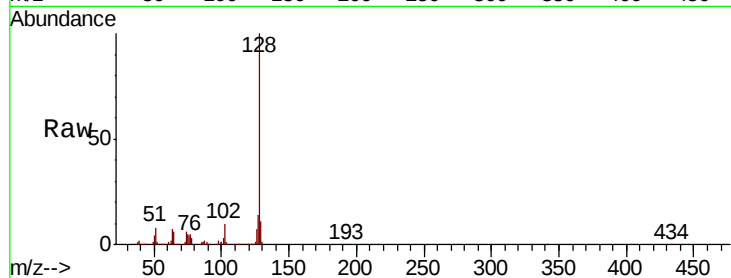




#31
Naphthalene
Concen: 34.678 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

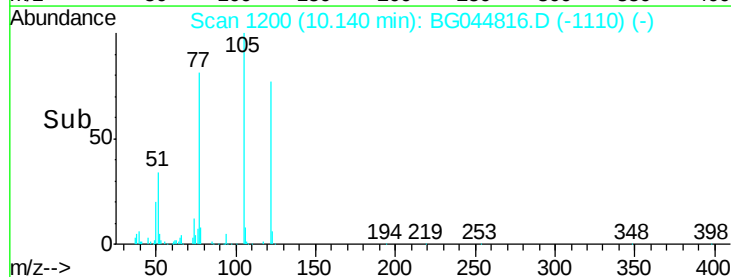
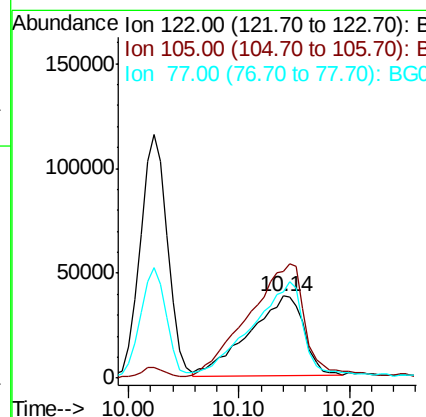
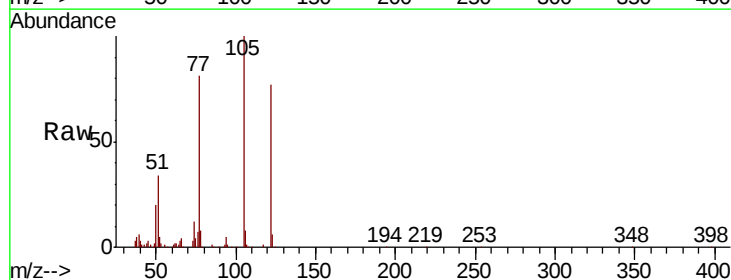
Instrument :
BNA_G
ClientSampled :

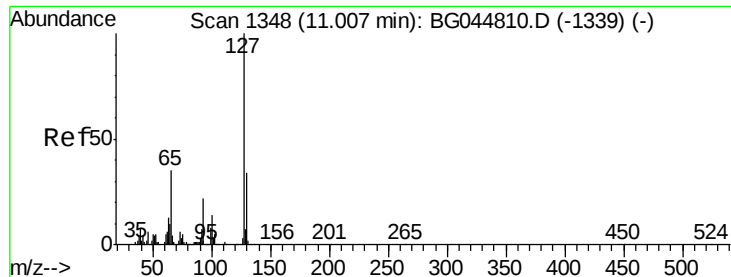
Tot Ion:128 Resp: 655133
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 37.037 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:122 Resp: 131880
Ion Ratio Lower Upper
122 100
105 130.3 109.1 149.1
77 105.6 85.3 125.3

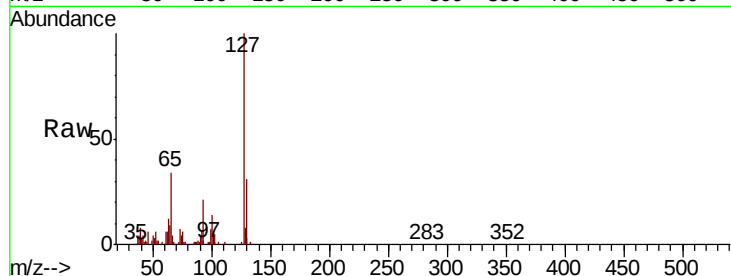




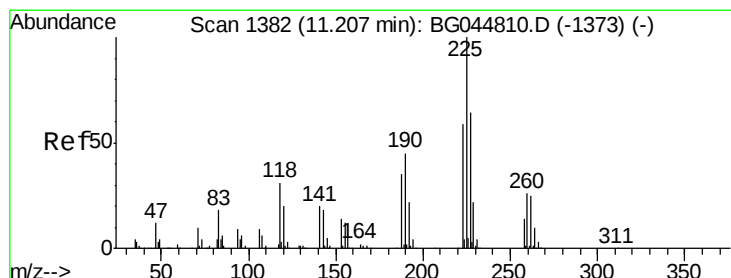
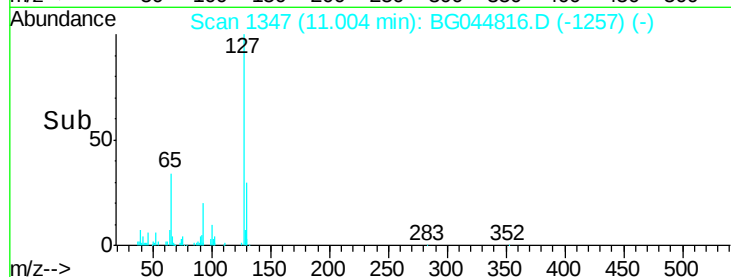
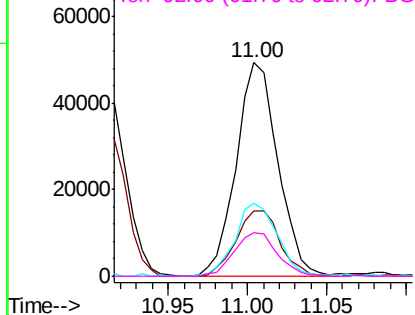
#33
4-Chloroaniline
Concen: 10.594 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	90173
Ion Ratio	Lower	Upper
127	100	
129	30.6	26.9 40.3
65	34.4	27.7 41.5
92	20.6	17.4 26.2

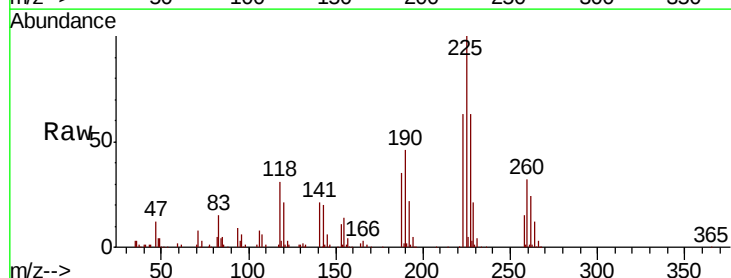


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

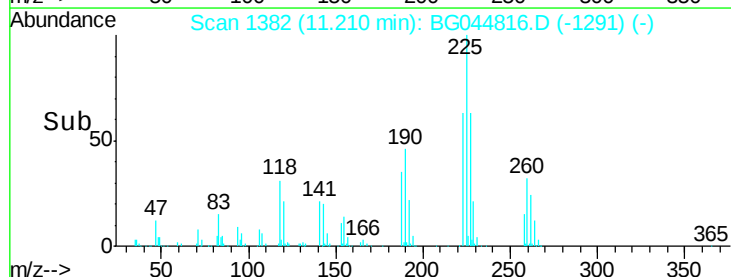
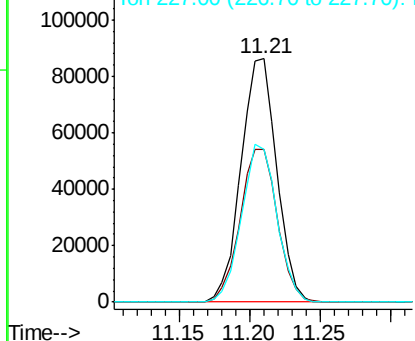


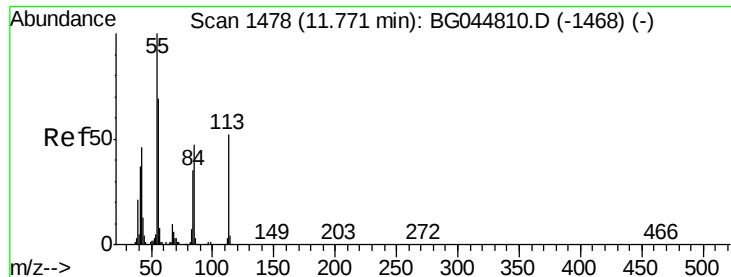
#34
Hexachlorobutadiene
Concen: 33.766 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:225	Resp:	153185
Ion Ratio	Lower	Upper
225	100	
223	62.9	47.4 71.0
227	62.6	50.8 76.2



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





#35

Caprolactam

Concen: 24.738 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampled :

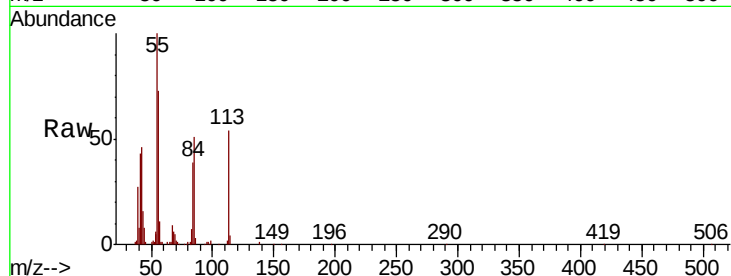
Tot Ion:113 Resp: 54038

Ion Ratio Lower Upper

113 100

55 183.9 173.8 213.8

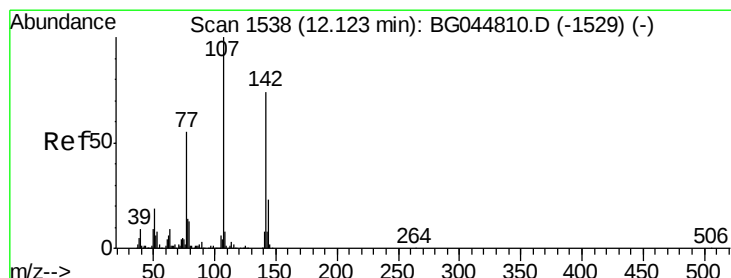
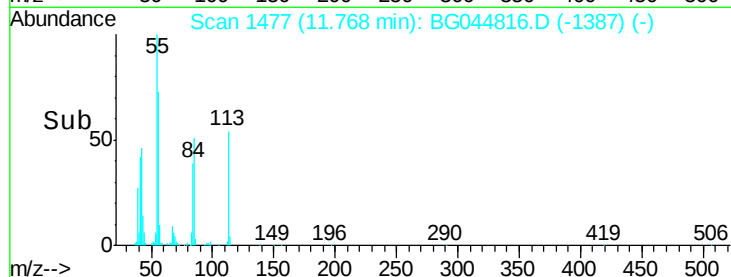
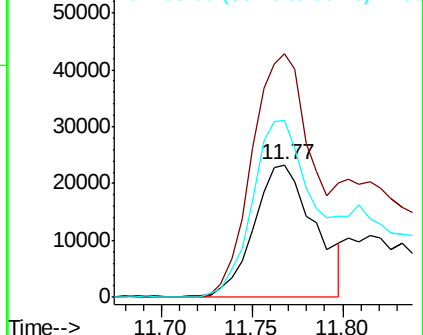
56 133.7 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.921 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

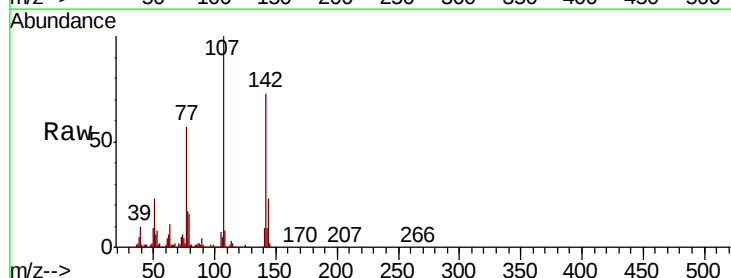
Tgt Ion:107 Resp: 260935

Ion Ratio Lower Upper

107 100

144 22.8 18.0 27.0

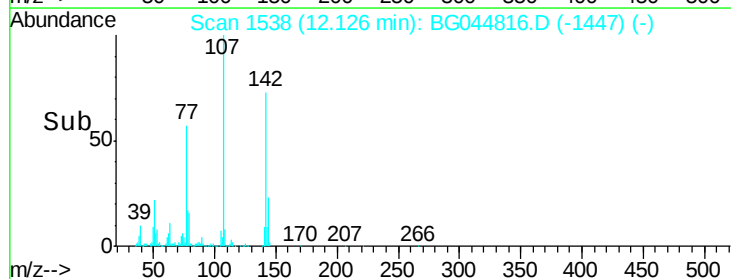
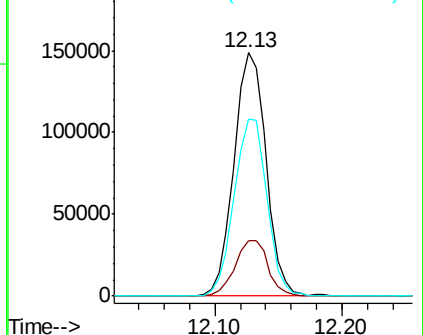
142 72.5 59.0 88.4

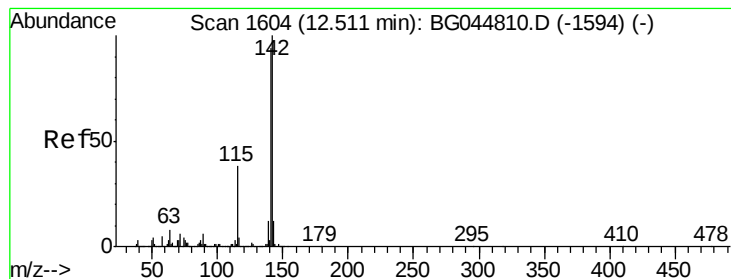


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.674 ng

RT: 12.51 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

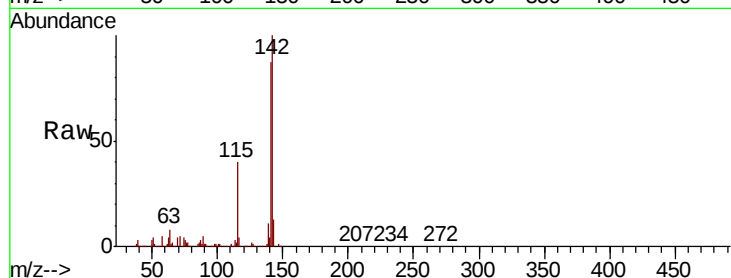
Tot Ion:142 Resp: 490013

Ion Ratio Lower Upper

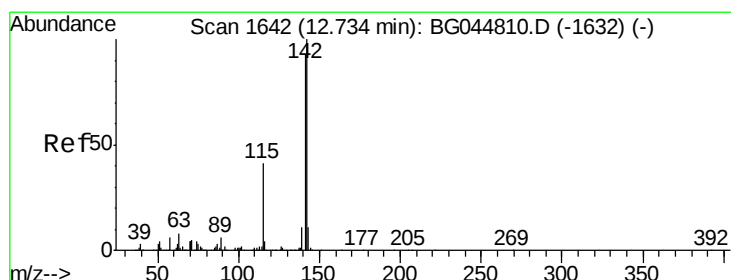
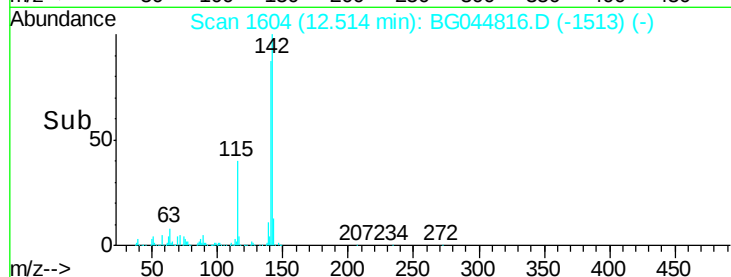
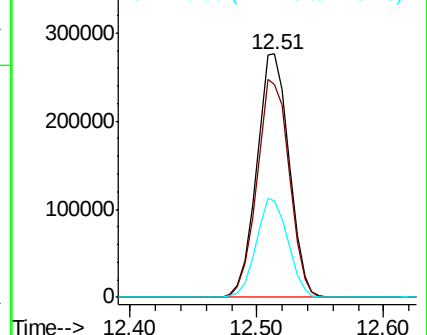
142 100

141 87.5 75.1 112.7

115 39.8 30.6 46.0



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: 35.067 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

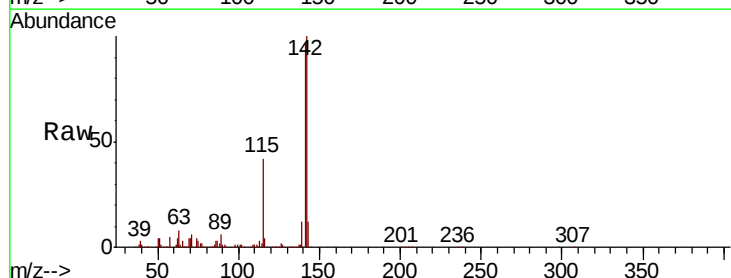
Tgt Ion:142 Resp: 465895

Ion Ratio Lower Upper

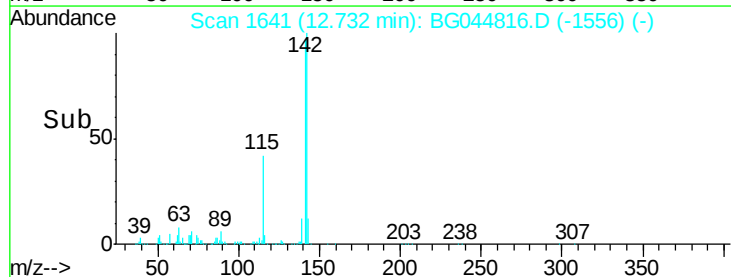
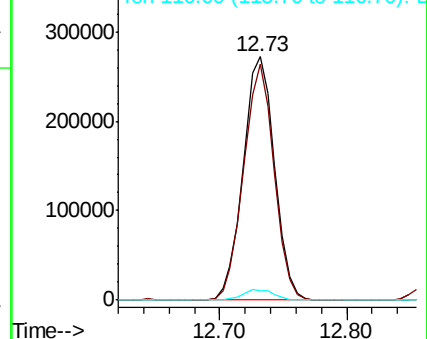
142 100

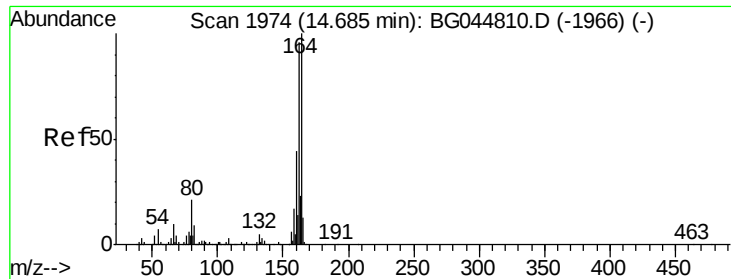
141 96.7 74.7 112.1

116 3.9 3.3 4.9



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: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

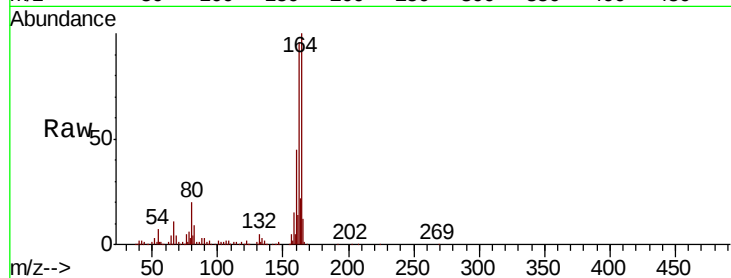
Tot Ion:164 Resp: 241714

Ion Ratio Lower Upper

164 100

162 96.2 76.7 115.1

160 44.9 35.0 52.4

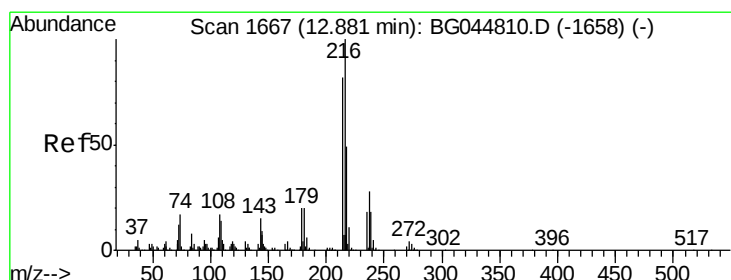
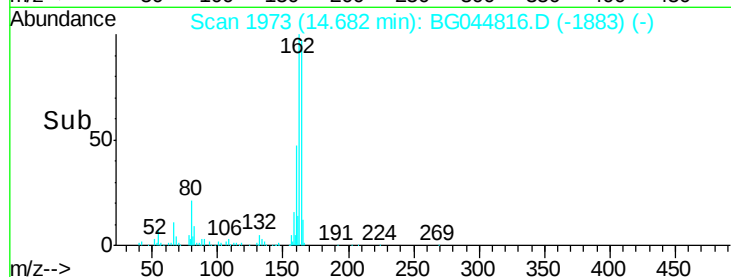
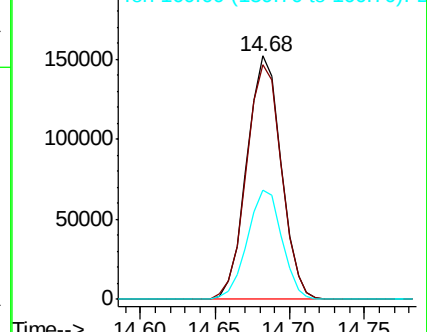


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.118 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:216 Resp: 263628

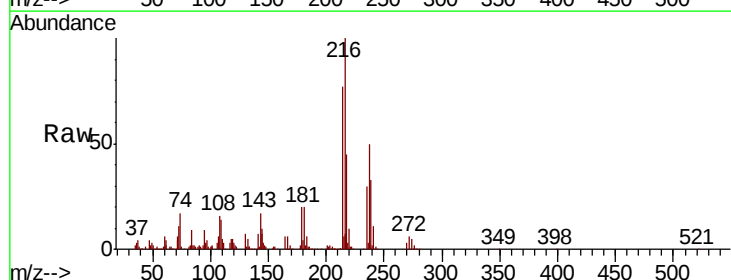
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 19.7 16.2 24.2

108 20.5 14.6 22.0



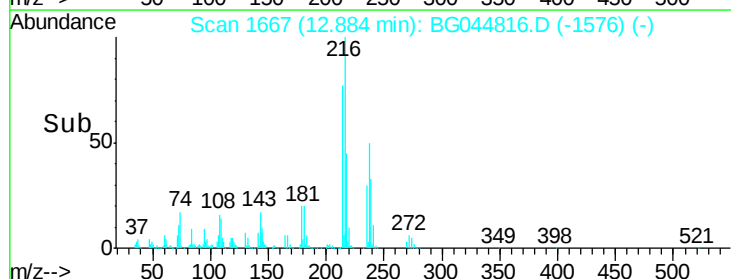
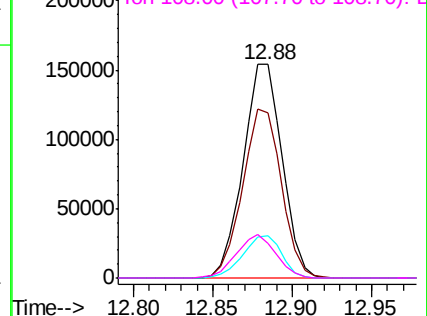
Abundance

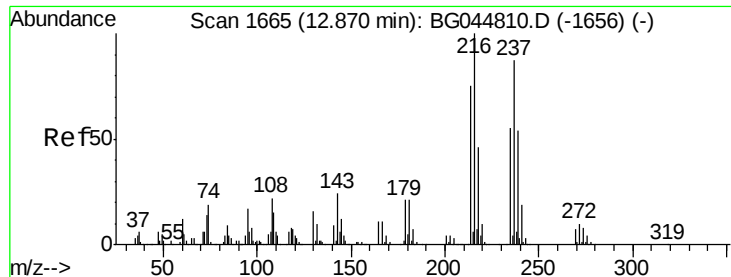
Ion 216.00 (215.70 to 216.70): E

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: 79.805 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

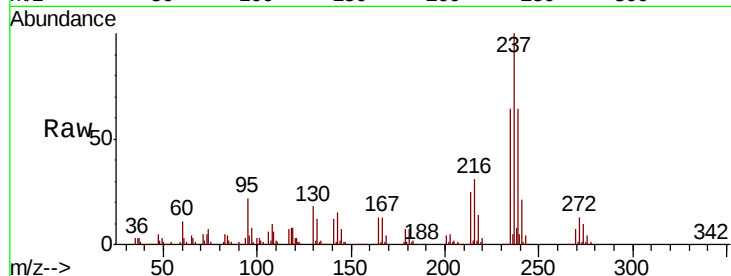
Tot Ion:237 Resp: 347182

Ion Ratio Lower Upper

237 100

235 63.5 42.9 82.9

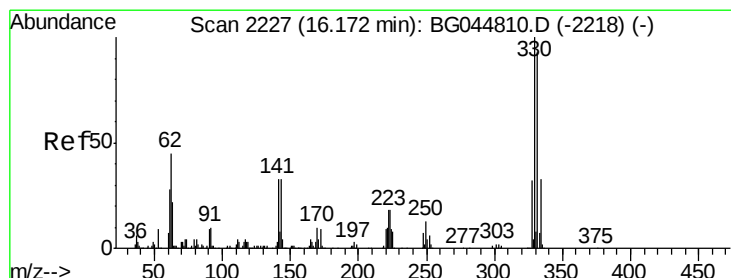
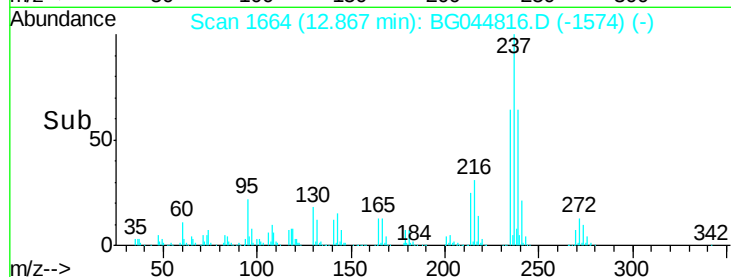
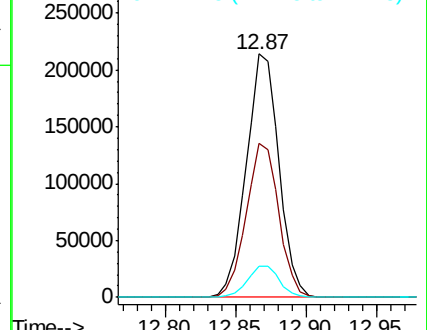
272 12.8 0.0 31.6



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: 107.221 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

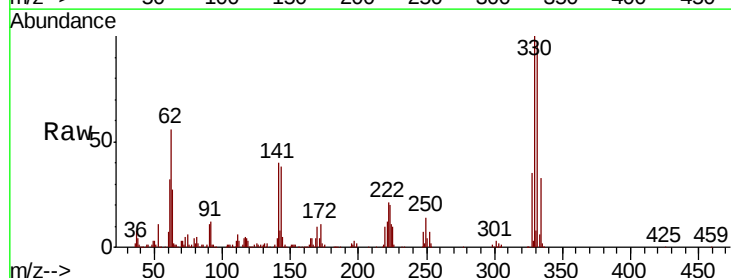
Tgt Ion:330 Resp: 339341

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

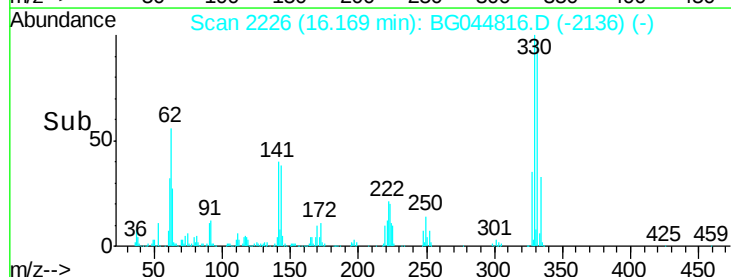
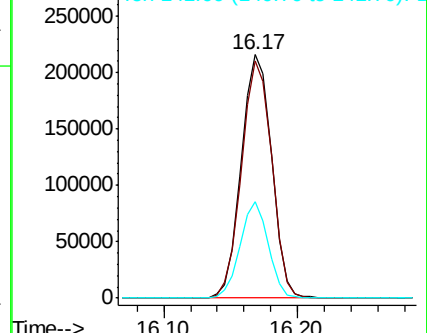
141 37.4 29.5 44.3



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

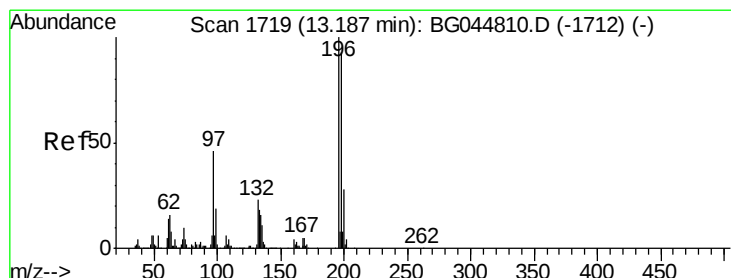
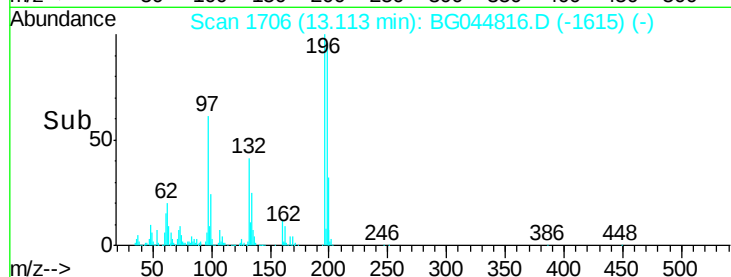
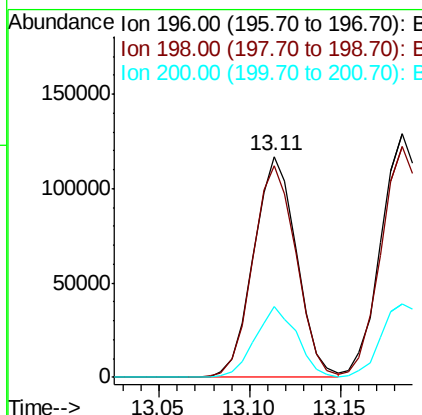
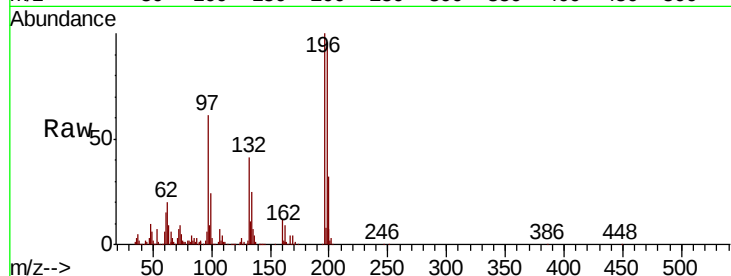




#43
 2,4,6-Trichlorophenol
 Concen: 36.301 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

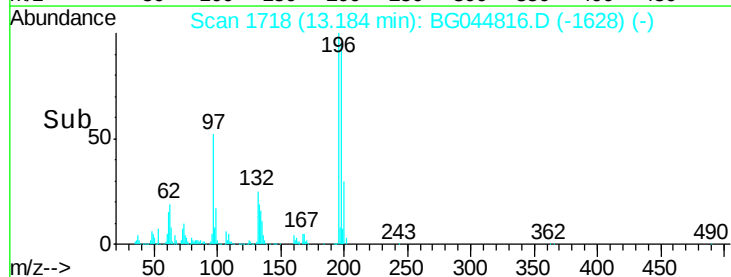
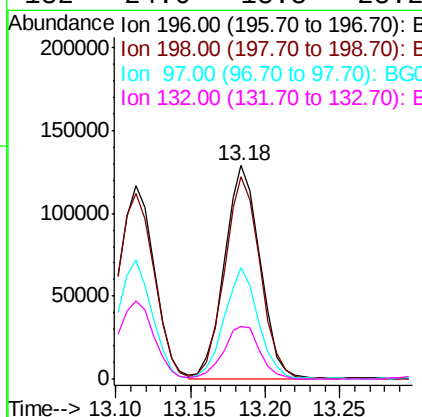
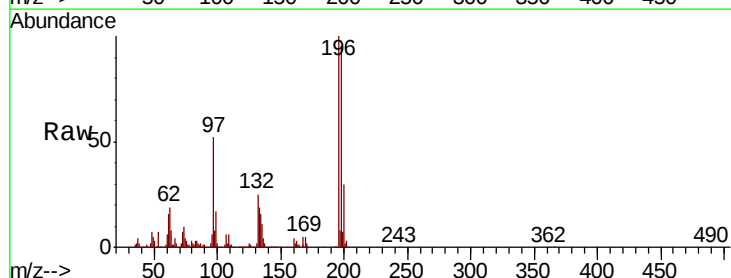
Instrument :
 BNA_G
 ClientSampleId :

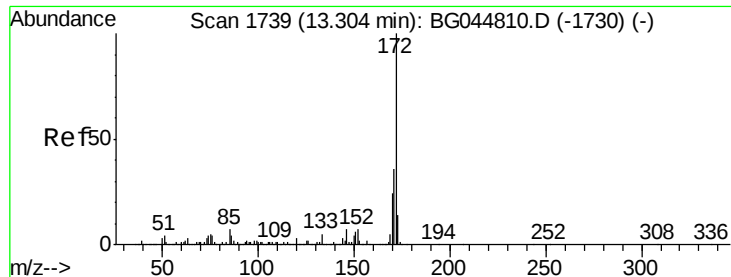
Tot Ion:196 Resp: 191777
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.9 112.3
 200 32.0 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.145 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:196 Resp: 214467
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 97 52.2 36.7 55.1
 132 24.6 18.8 28.2

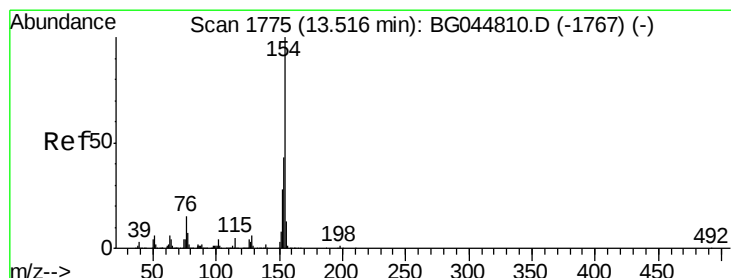
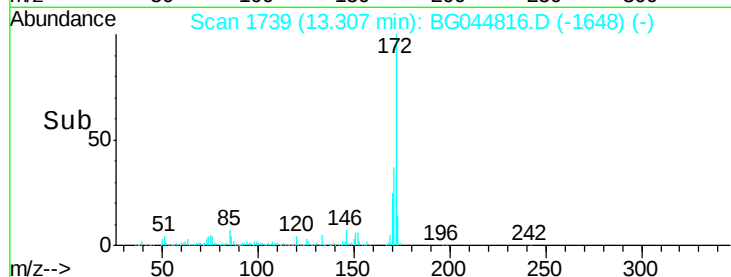
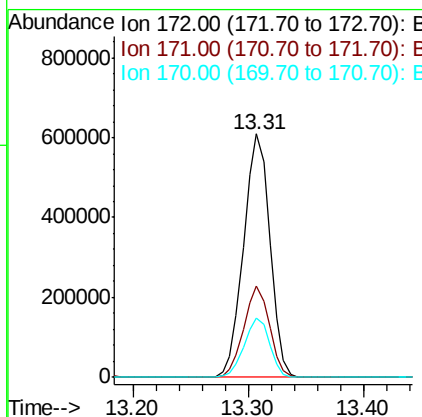
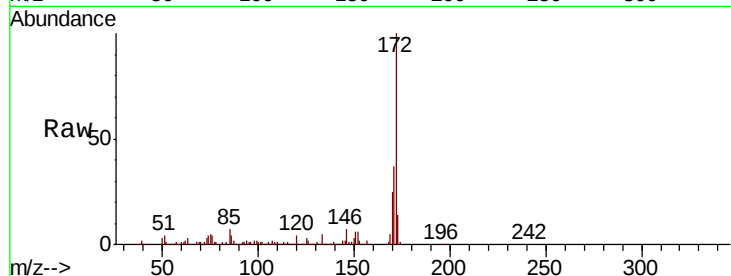




#45
 2-Fluorobiphenyl
 Concen: 57.164 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

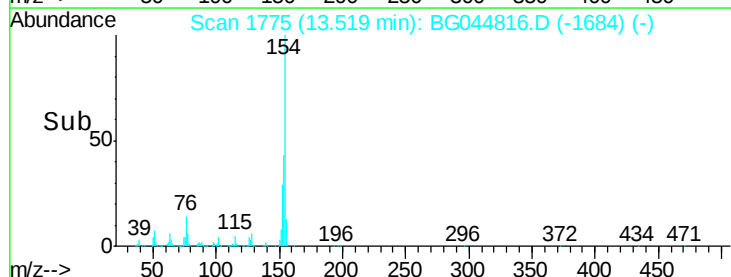
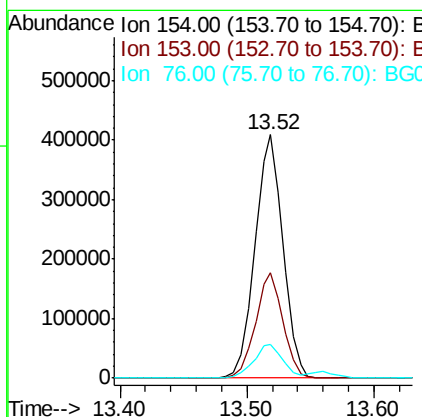
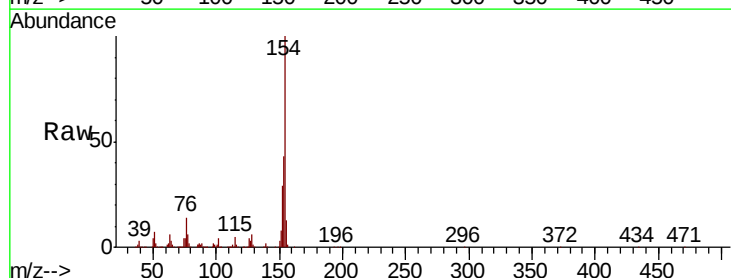
Instrument :
 BNA_G
 ClientSampleId :

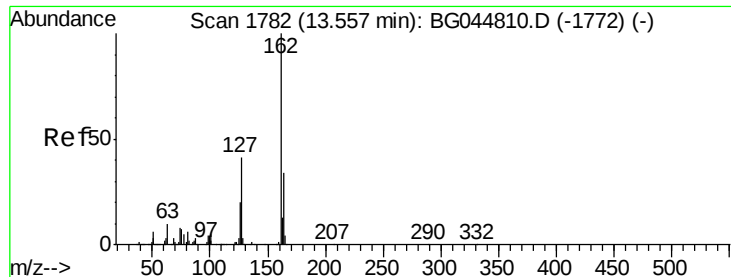
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.5	19.0	28.6



#46
 1,1'-Biphenyl
 Concen: 32.358 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.9	62.9
76	13.7	0.0	34.6

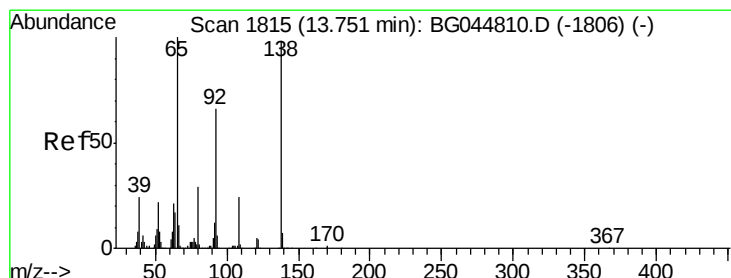
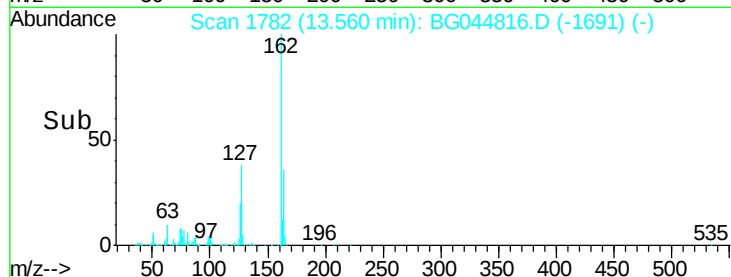
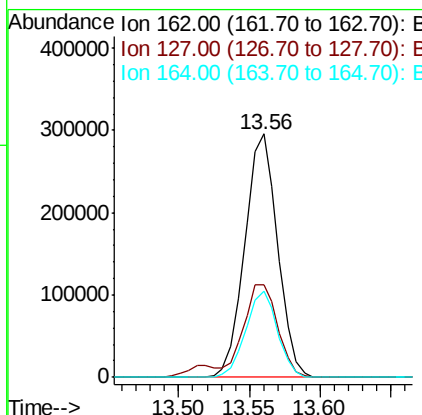
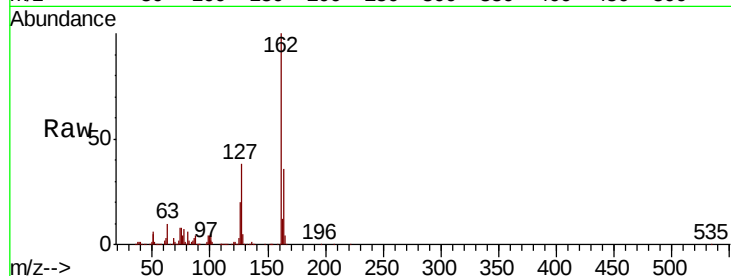




#47
 2-Chloronaphthalene
 Concen: 32.571 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

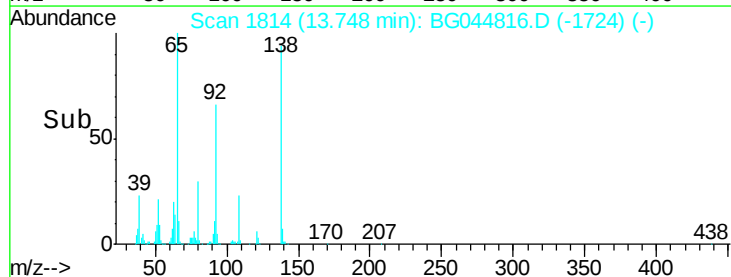
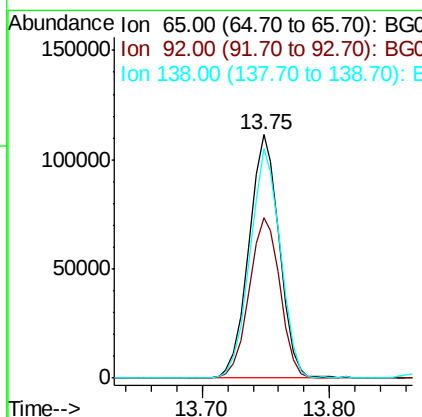
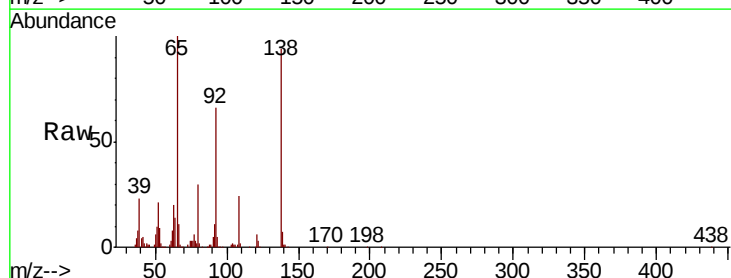
Instrument :
 BNA_G
 ClientSampleId :

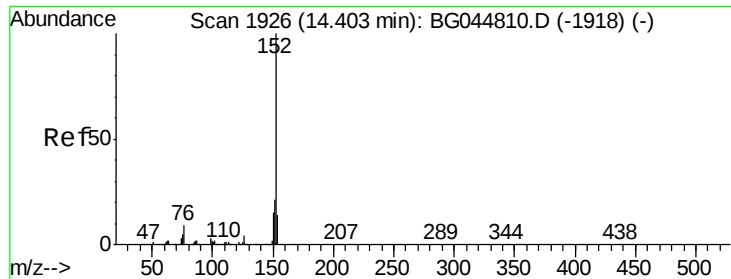
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.1	49.7
164	35.6	27.4	41.2



#48
 2-Nitroaniline
 Concen: 36.008 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	94.5	78.3	117.5





#49

Acenaphthylene

Concen: 35.198 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

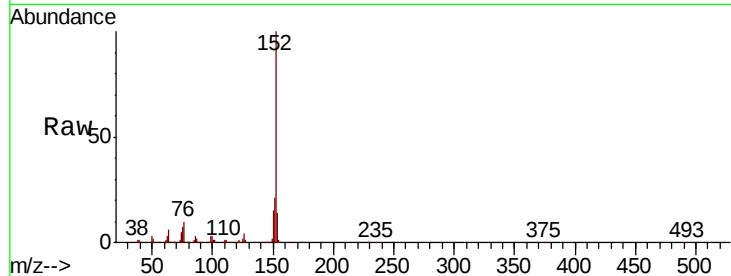
Tot Ion:152 Resp: 813662

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

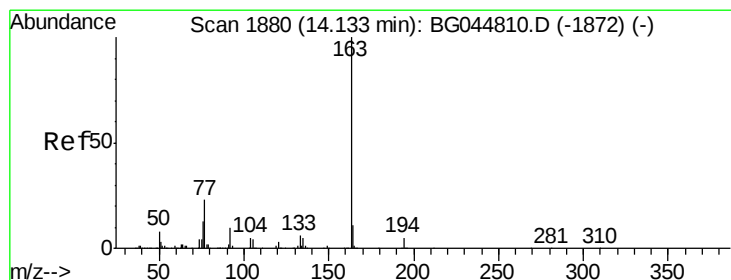
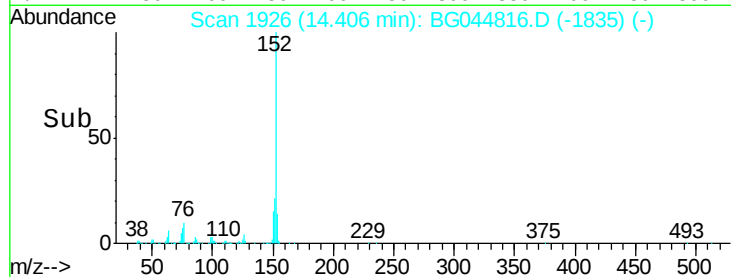
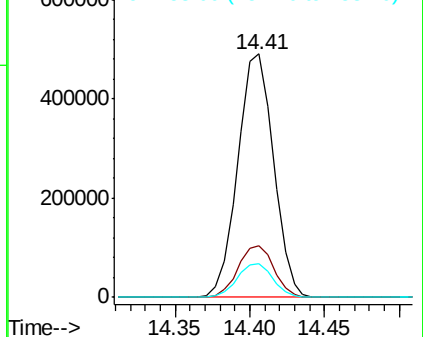
153 14.0 10.8 16.2



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: 41.158 ng

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

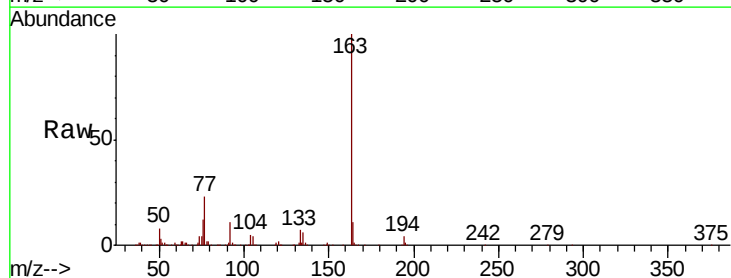
Tgt Ion:163 Resp: 792359

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

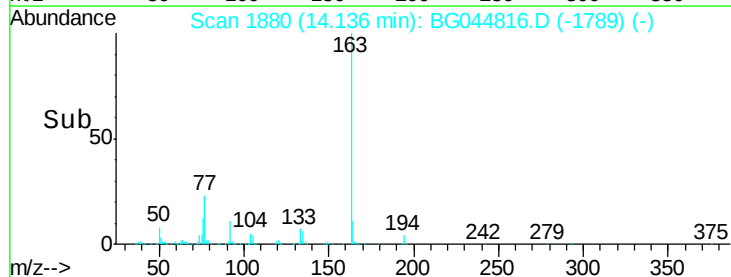
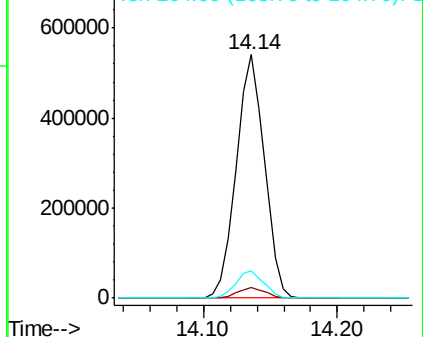
164 11.2 9.1 13.7

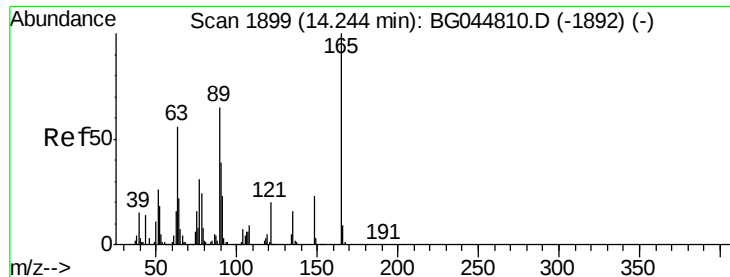


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

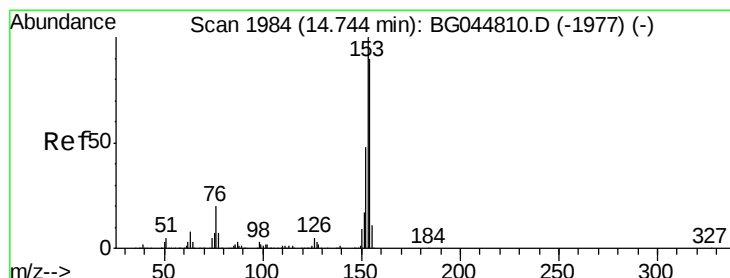
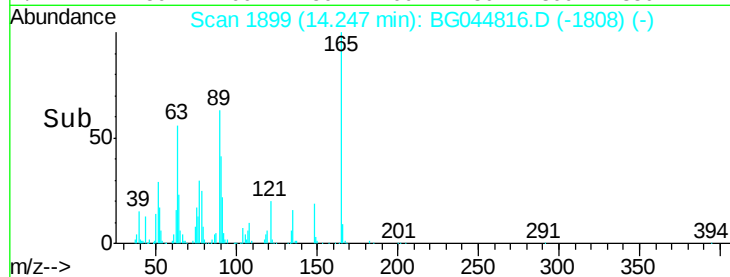
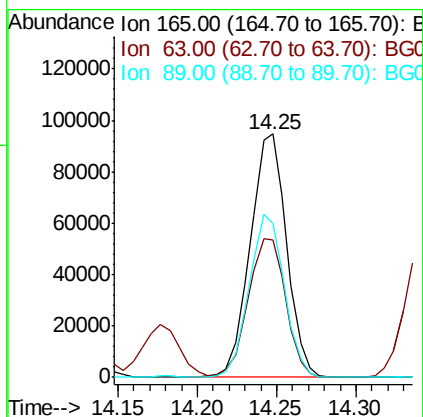
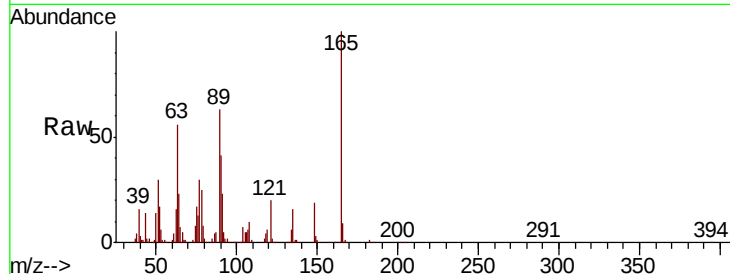




#51
 2,6-Dinitrotoluene
 Concen: 38.810 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

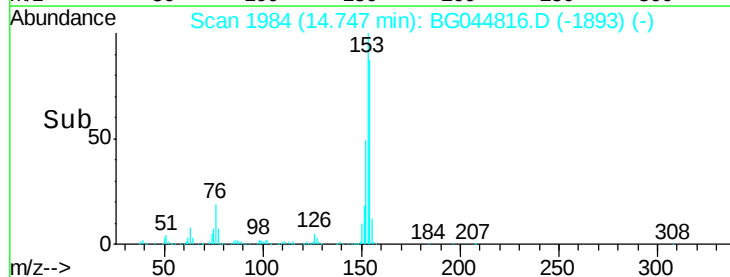
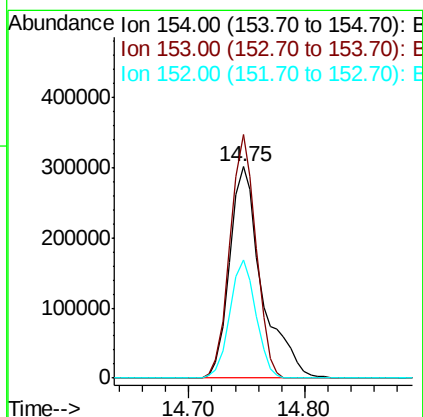
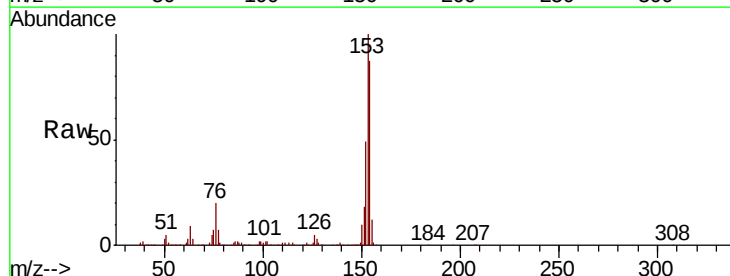
Instrument :
 BNA_G
 ClientSampleId :

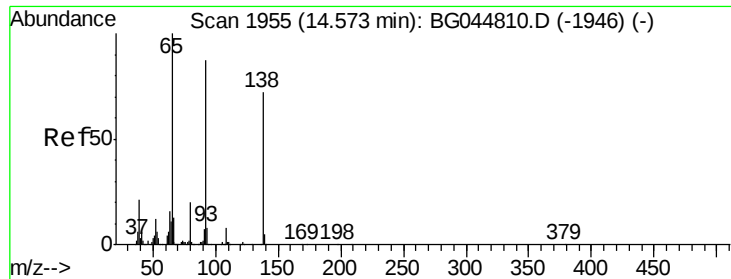
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	45.8	68.8
89	63.4	51.8	77.6



#52
 Acenaphthene
 Concen: 38.657 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.0	133.6
152	56.0	43.0	64.6

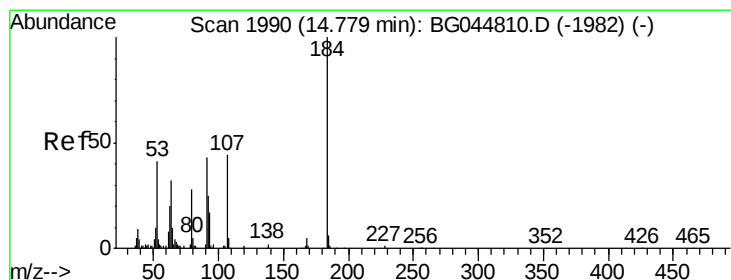
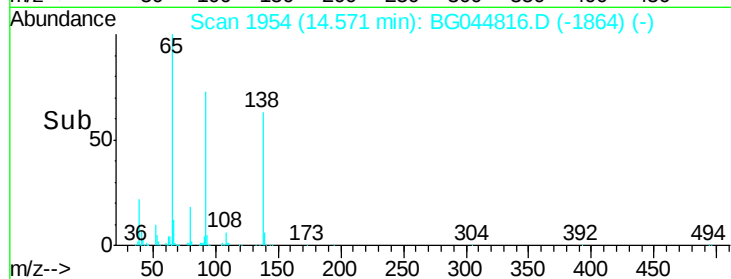
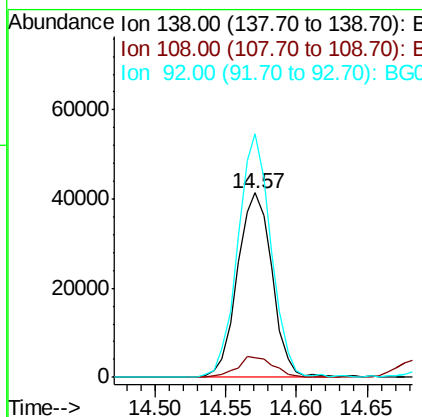
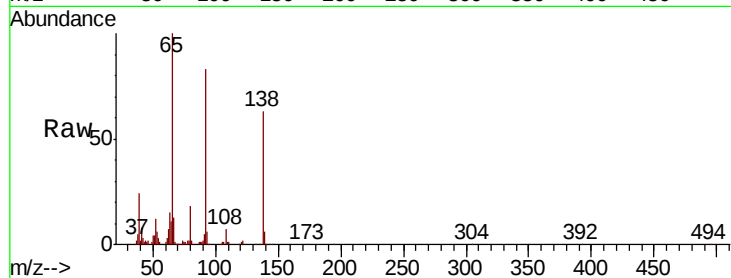




#53
3-Nitroaniline
Concen: 15.846 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

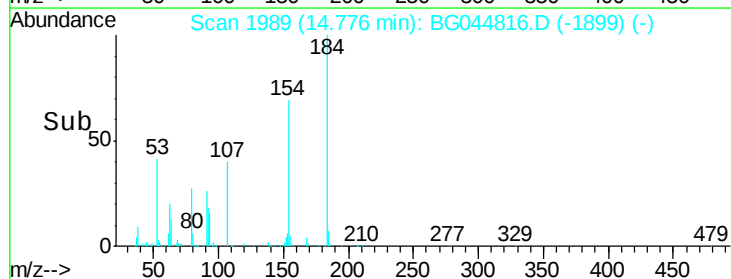
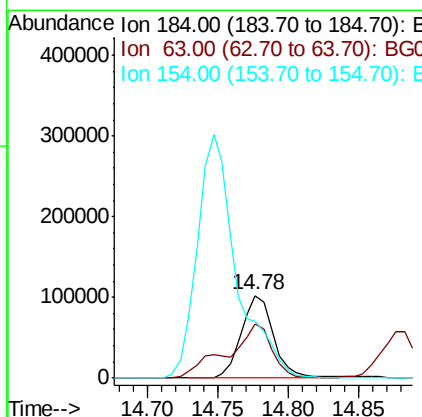
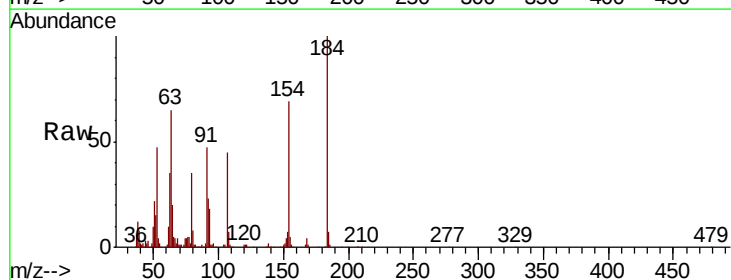
Instrument :
BNA_G
ClientSampleId :

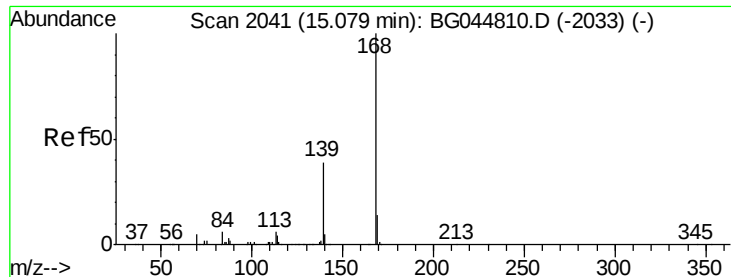
Tot Ion:138 Resp: 70697
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 132.1 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 80.614 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:184 Resp: 163610
Ion Ratio Lower Upper
184 100
63 65.3 45.5 68.3
154 69.2 49.1 73.7

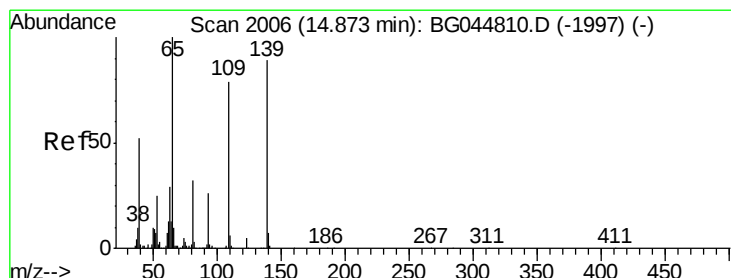
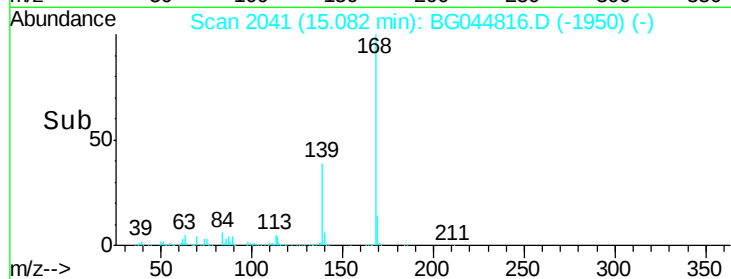
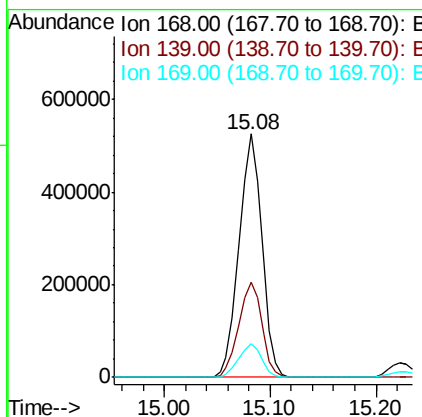
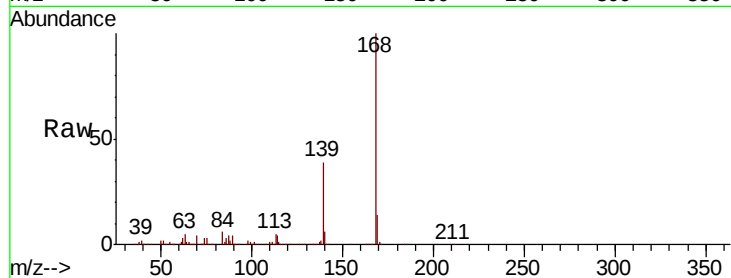




#55
Dibenzofuran
Concen: 35.706 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

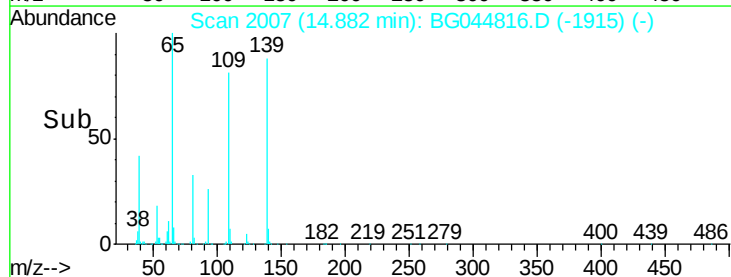
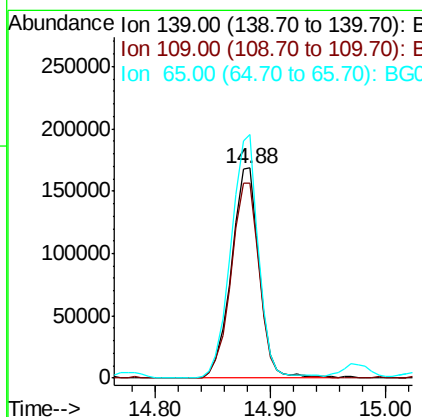
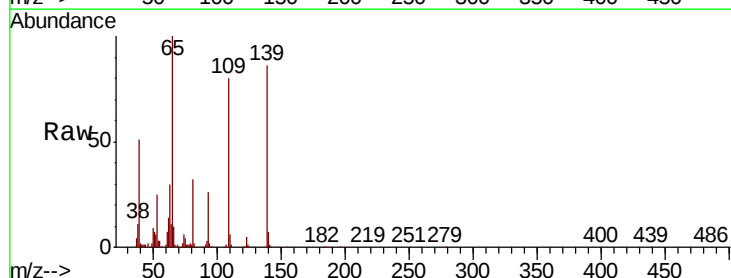
Instrument :
BNA_G
ClientSampleId :

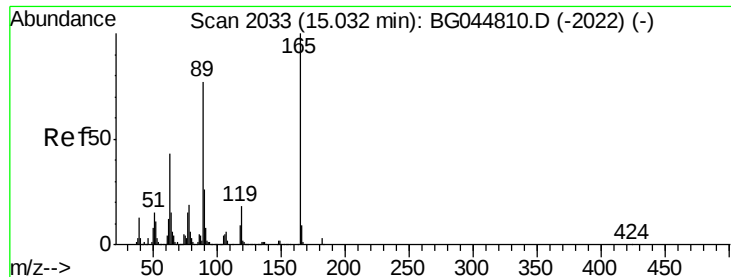
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.4	47.0
169	14.0	11.1	16.7



#56
4-Nitrophenol
Concen: 82.946 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.9	68.8	108.8
65	116.0	92.5	132.5

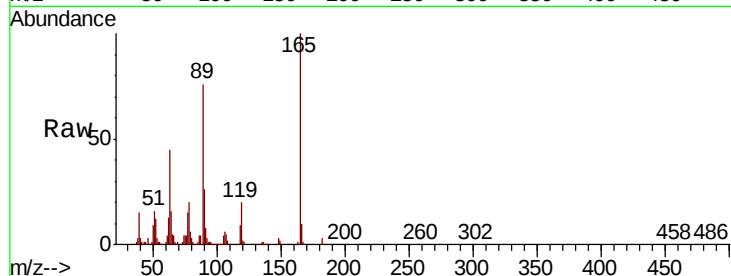




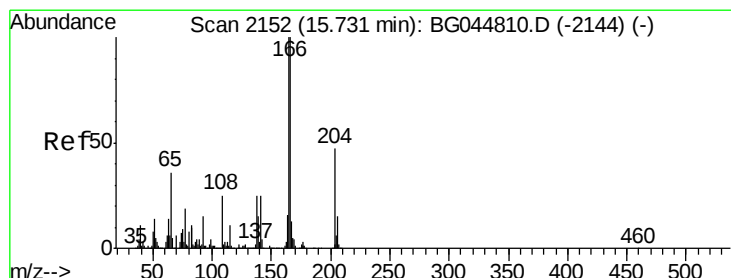
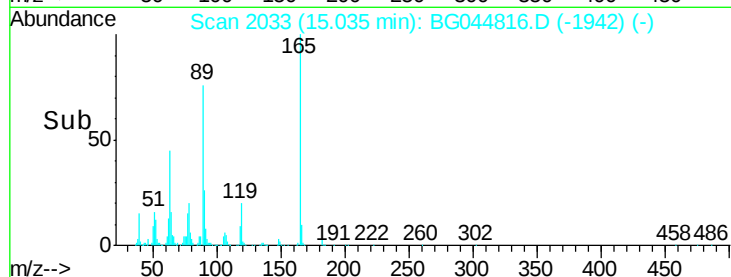
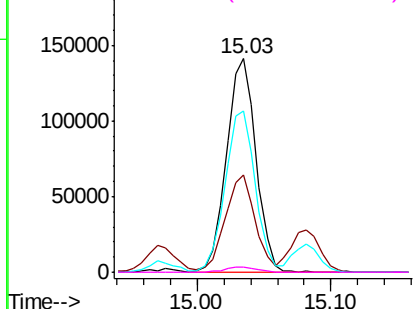
#57
 2,4-Dinitrotoluene
 Concen: 40.992 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 218161
 Ion Ratio Lower Upper
 165 100
 63 45.4 34.6 52.0
 89 75.7 61.3 91.9
 182 2.7 2.2 3.2

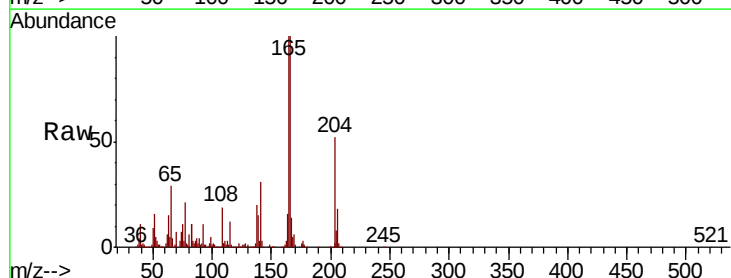


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

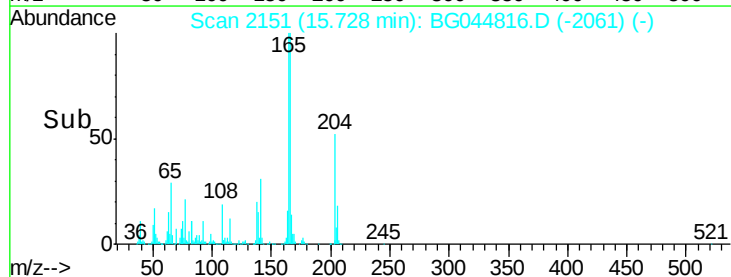
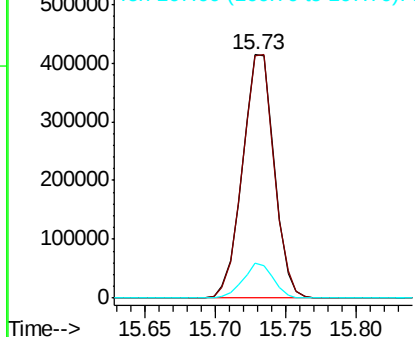


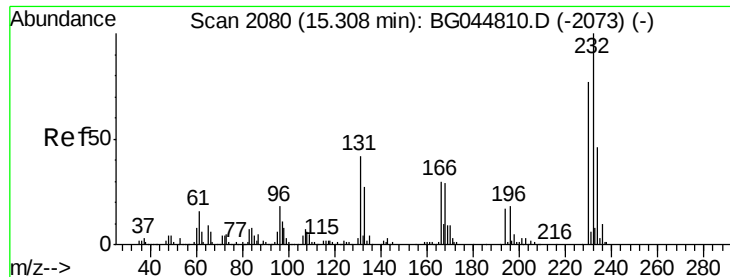
#58
 Fluorene
 Concen: 36.015 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:166 Resp: 650429
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.7 119.5
 167 14.4 10.6 16.0



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: 42.268 ng

RT: 15.31 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BG044816.D

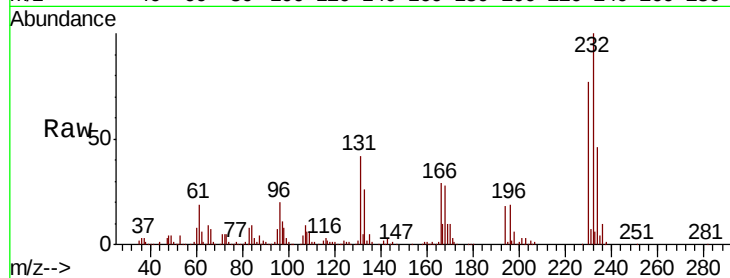
Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232	Resp:	213201
Ion Ratio	Lower	Upper
232	100	
131	41.6	31.8 47.8
130	2.5	2.2 3.2
166	29.4	20.2 30.2

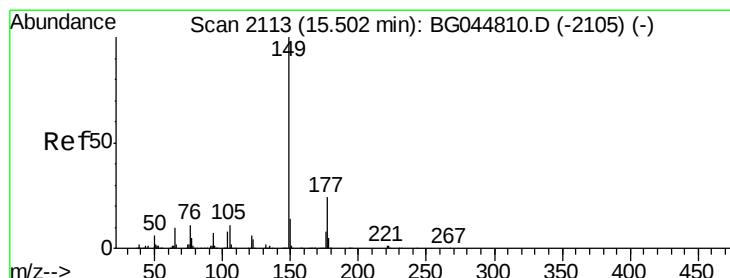
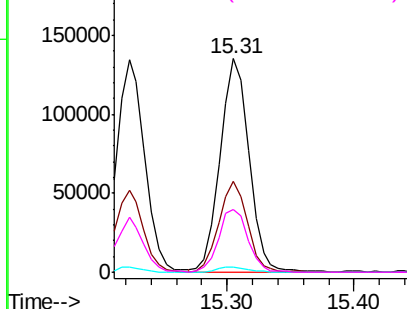
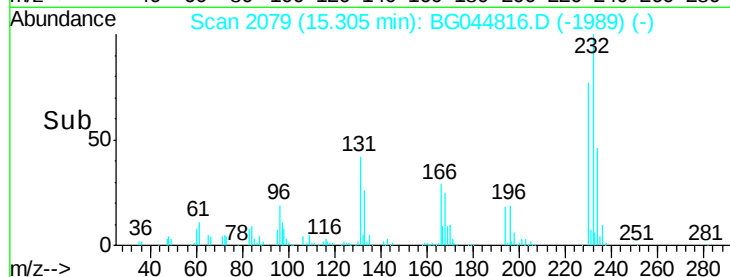


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.300 ng

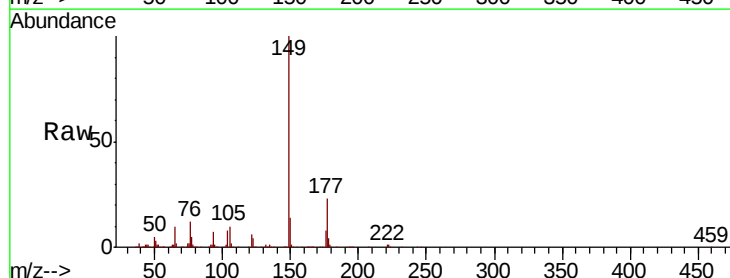
RT: 15.50 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

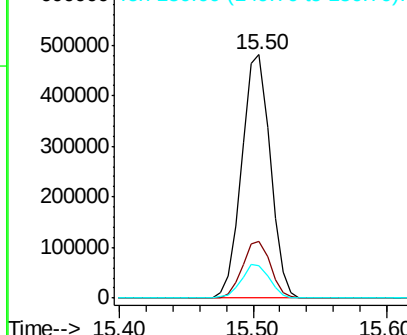
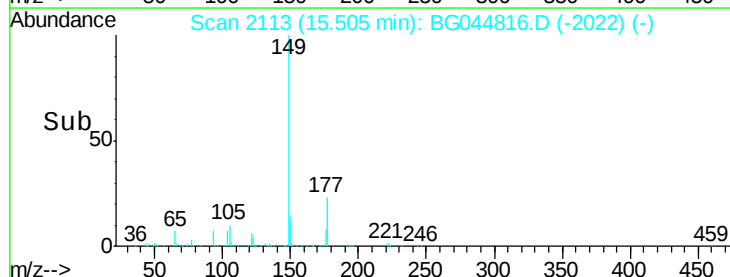
Tgt Ion:149	Resp:	708786
Ion Ratio	Lower	Upper
149	100	
177	23.4	19.3 28.9
150	13.5	11.0 16.6

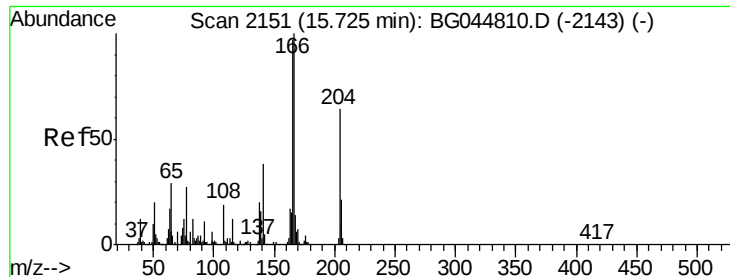


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

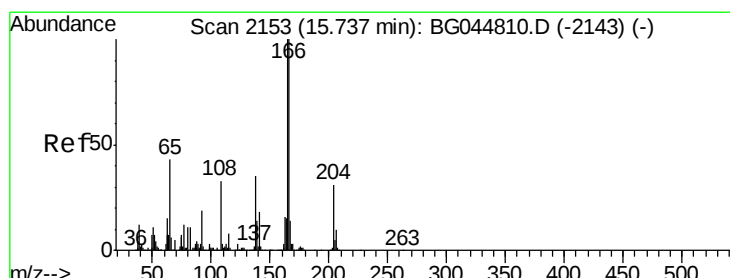
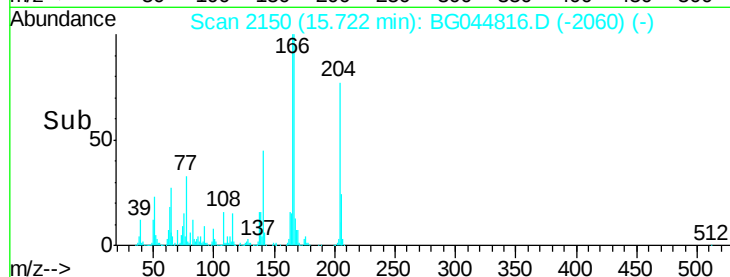
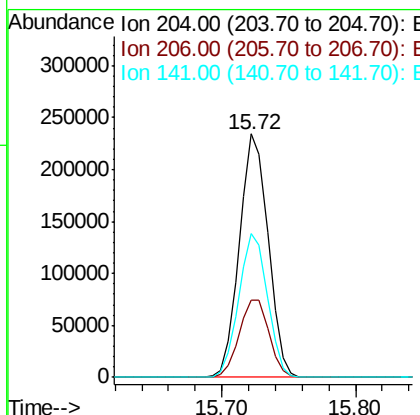
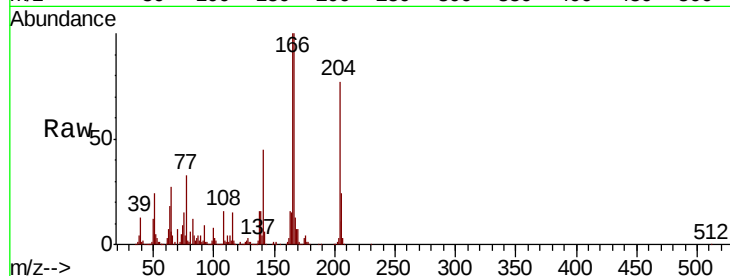




#61
 4-Chlorophenyl-phenylether
 Concen: 35.864 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

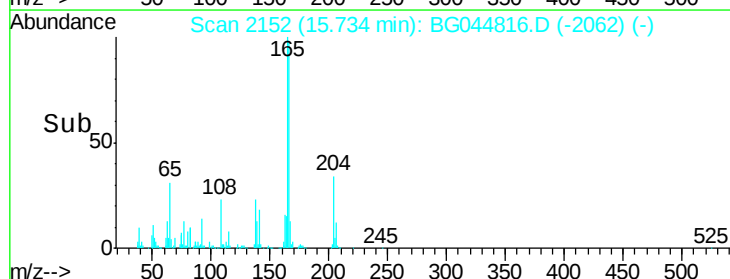
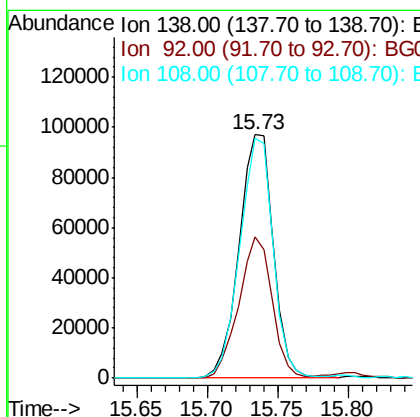
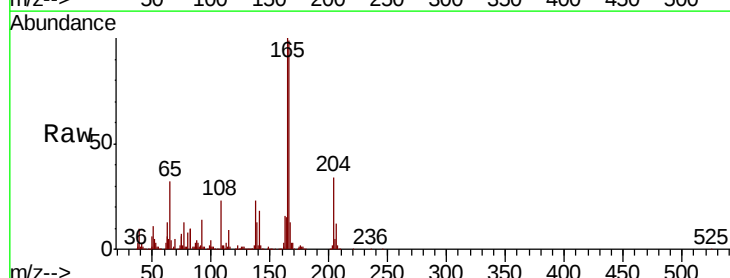
Instrument :
 BNA_G
 ClientSampleId :

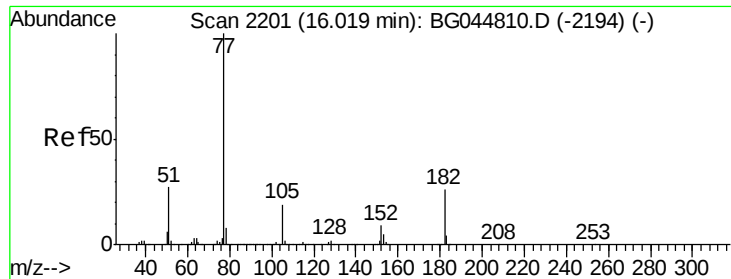
Tot Ion:204 Resp: 348754
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.2 39.2
 141 58.9 47.7 71.5



#62
 4-Nitroaniline
 Concen: 34.571 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:138 Resp: 164461
 Ion Ratio Lower Upper
 138 100
 92 57.9 34.5 74.5
 108 98.6 74.5 114.5





#63

Azobenzene

Concen: 34.975 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 729281

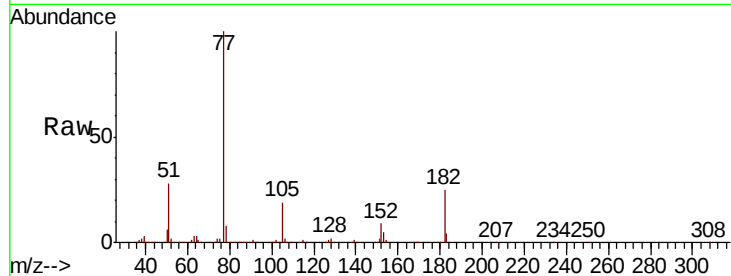
Ion Ratio Lower Upper

77 100

182 25.4 6.4 46.4

105 19.1 0.0 39.1

51 28.0 7.3 47.3

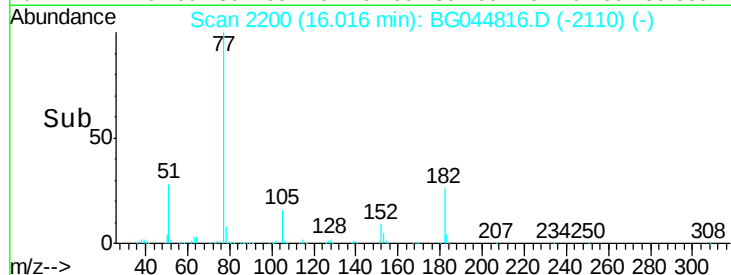


Abundance Ion 77.00 (76.70 to 77.70): BGC

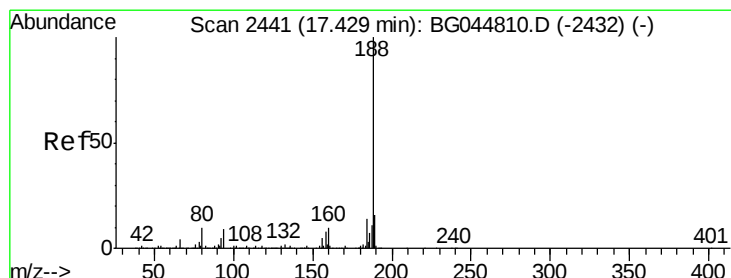
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

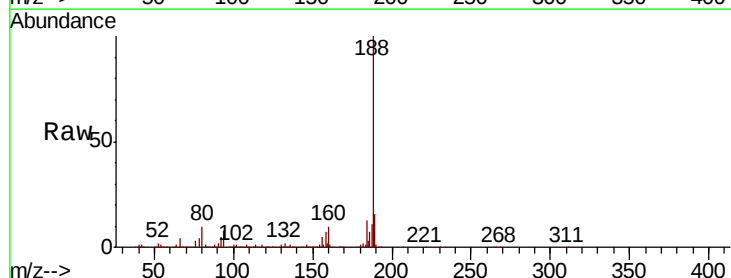
Tgt Ion: 188 Resp: 605853

Ion Ratio Lower Upper

188 100

94 8.0 7.3 10.9

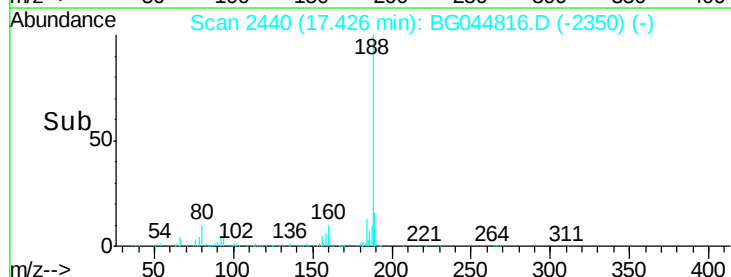
80 9.9 8.0 12.0



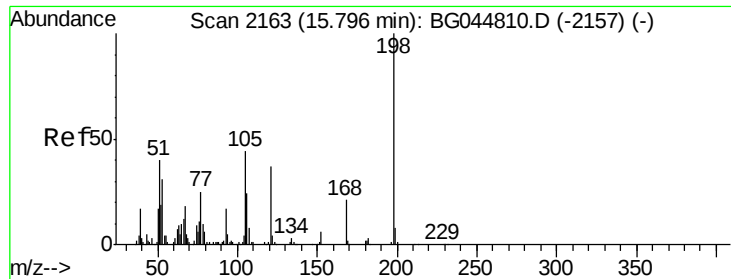
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 44.031 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

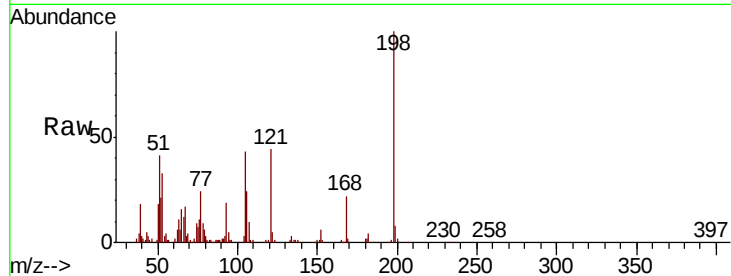
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 123363

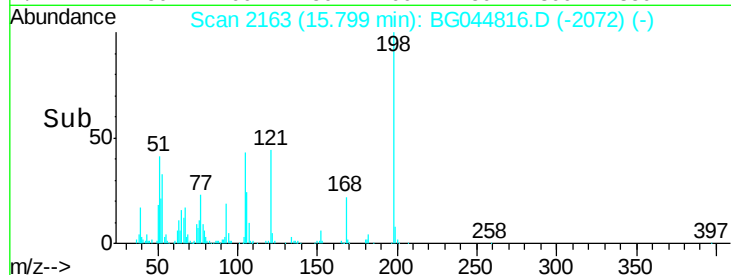
Ion	Ratio	Lower	Upper
198	100		
51	41.4	21.1	61.1
105	43.0	24.5	64.5



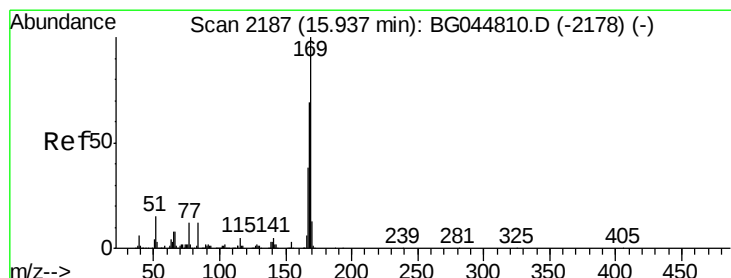
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 32.849 ng

RT: 15.93 min Scan# 2186

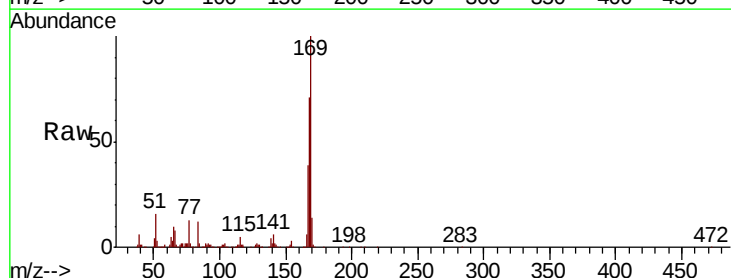
Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:169 Resp: 599176

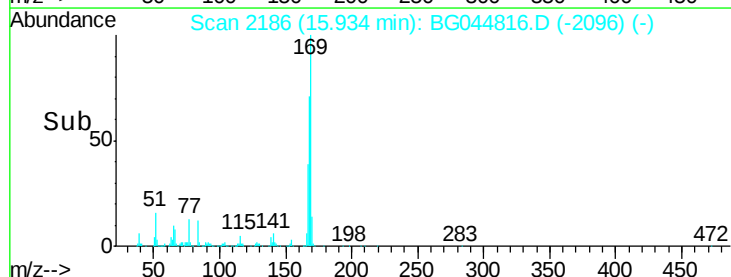
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.4	83.2
167	38.7	30.1	45.1



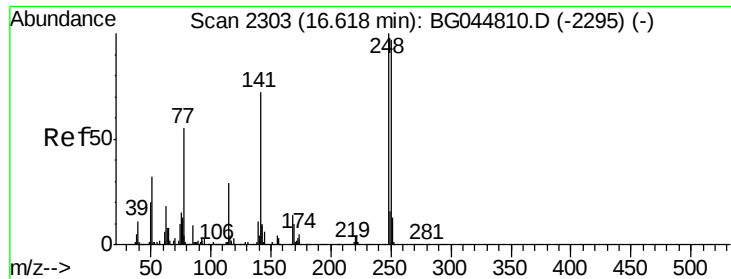
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



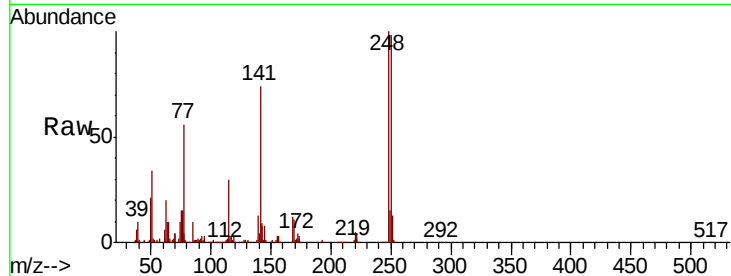
Time-->



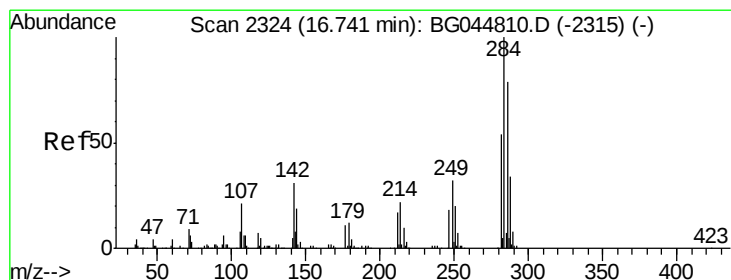
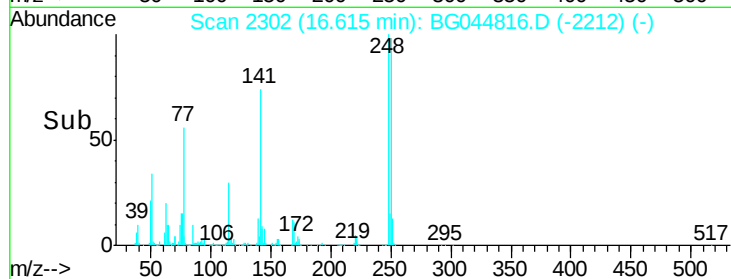
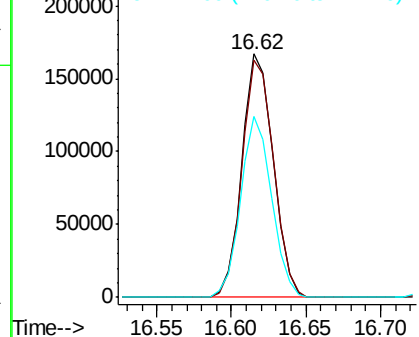
#67
4-Bromophenyl-phenylether
Concen: 32.076 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	74.3	57.5	86.3

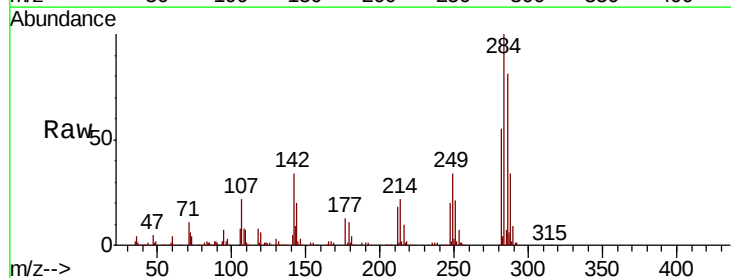


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

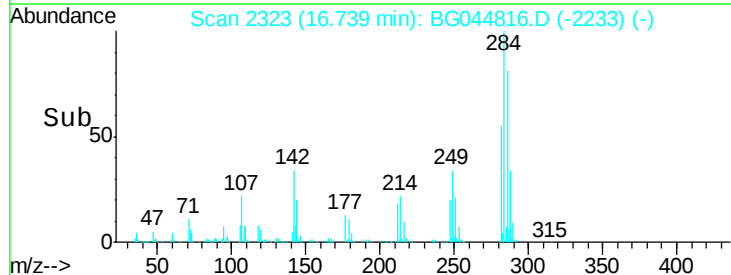
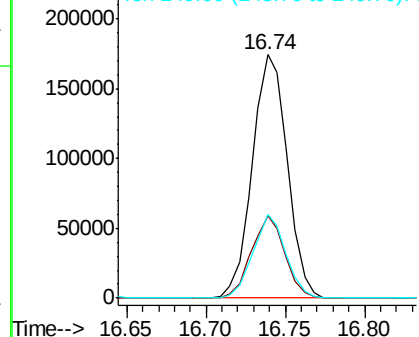


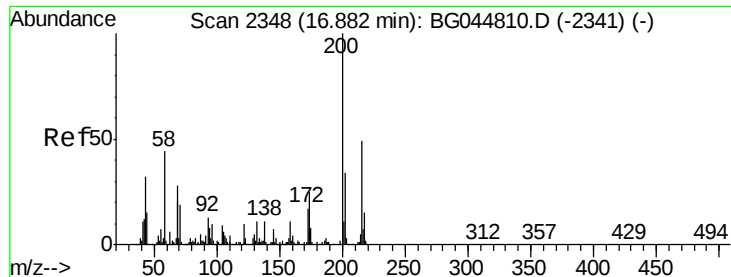
#68
Hexachlorobenzene
Concen: 32.514 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.0	37.6
249	34.2	25.8	38.8



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

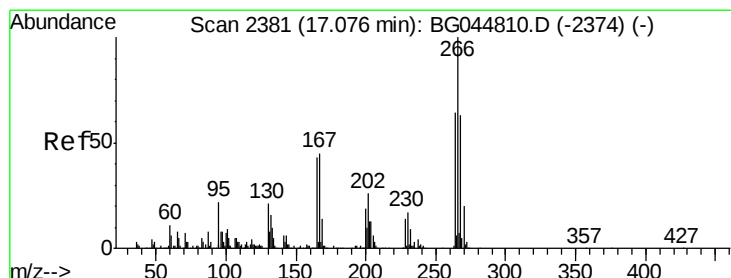
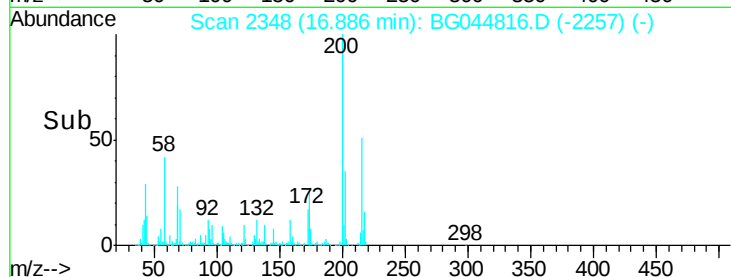
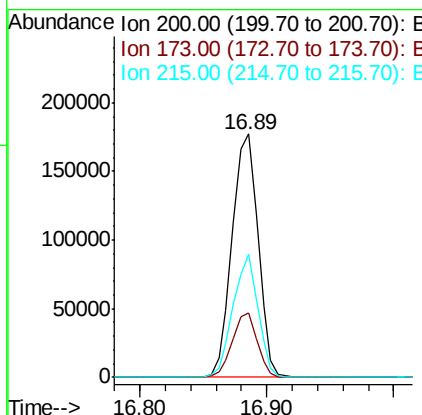
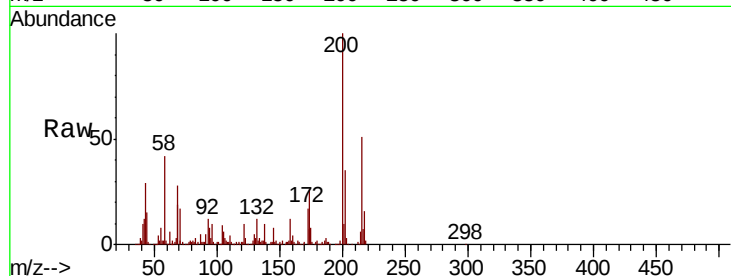




#69
Atrazine
Concen: 37.536 ng
RT: 16.89 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

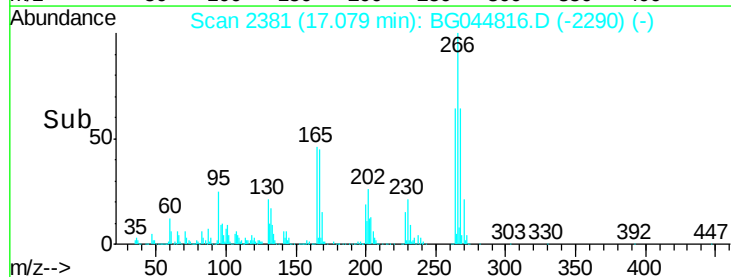
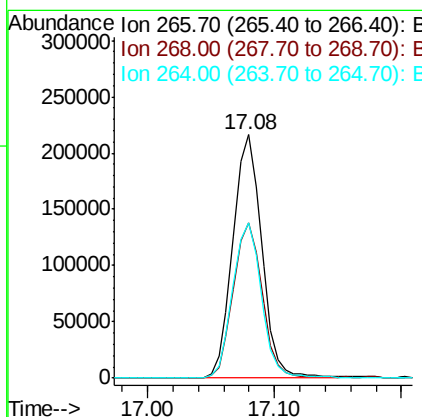
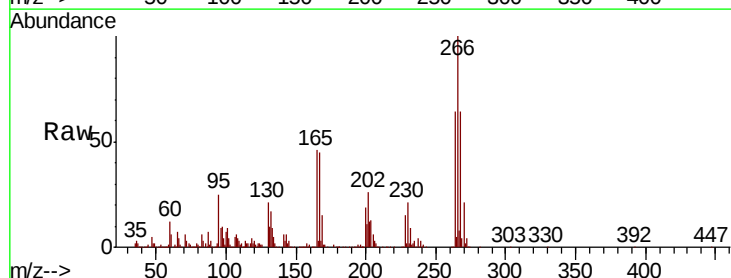
Instrument :
BNA_G
ClientSampleId :

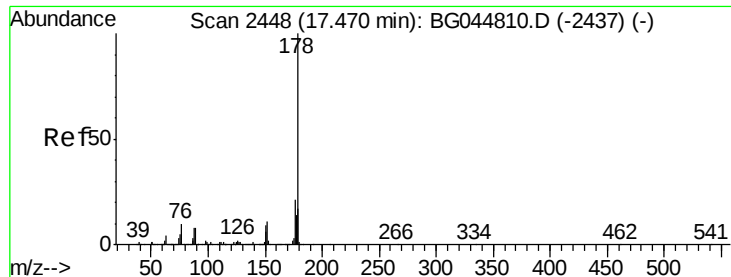
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.3	45.3
215	50.5	28.9	68.9



#70
Pentachlorophenol
Concen: 75.621 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.3	75.5
264	63.8	51.4	77.2

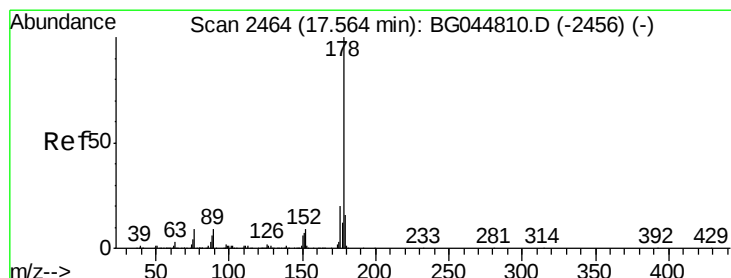
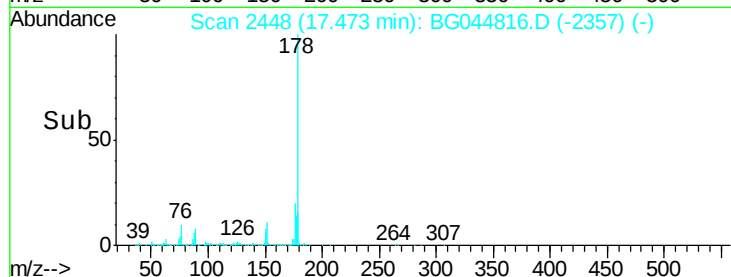
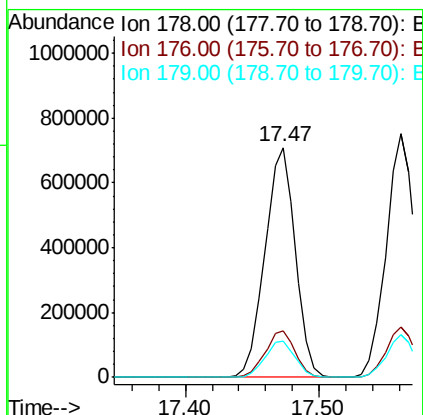
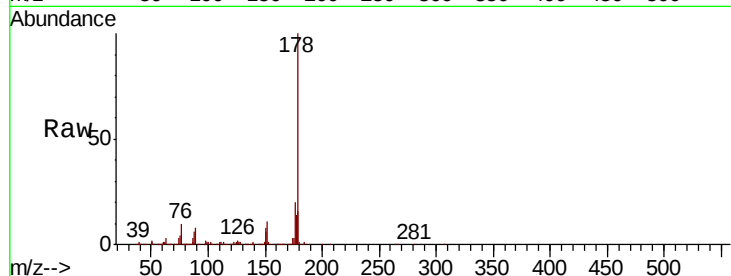




#71
Phenanthrene
Concen: 34.488 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

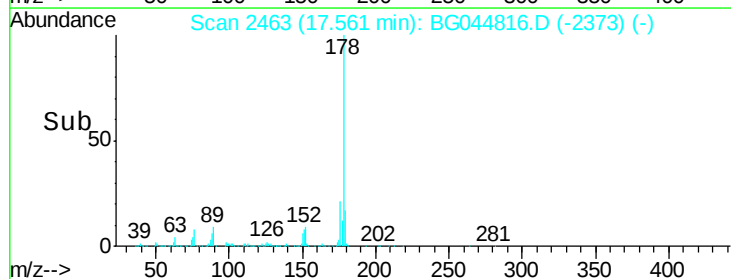
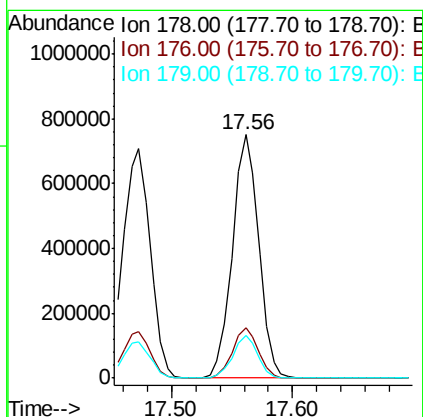
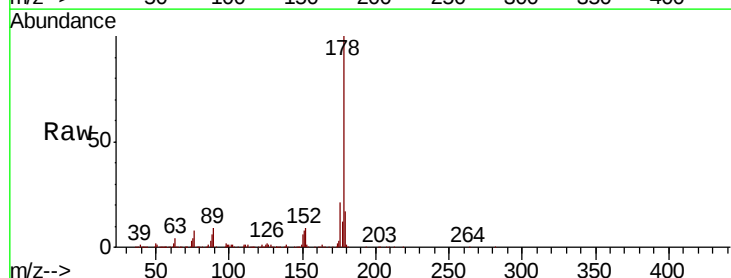
Instrument :
BNA_G
ClientSampleId :

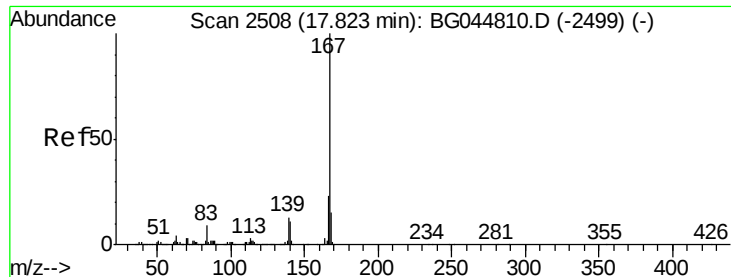
Tot Ion:178 Resp: 1116564
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 35.687 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:178 Resp: 1139271
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 17.3 13.2 19.8



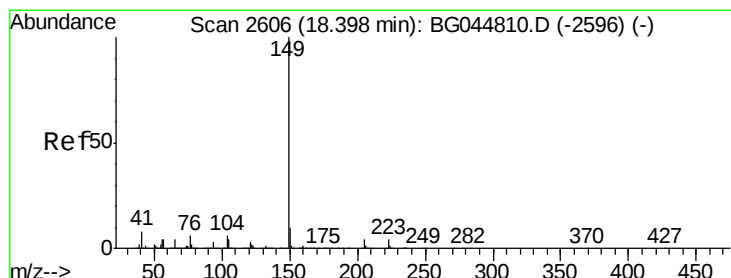
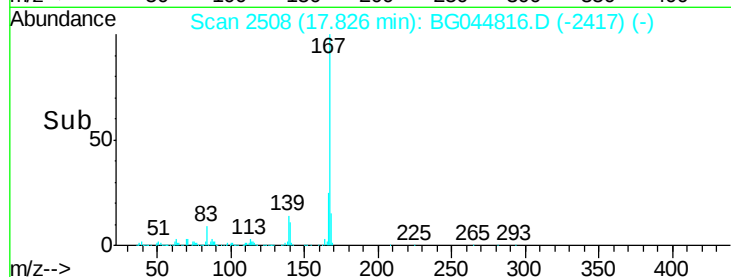
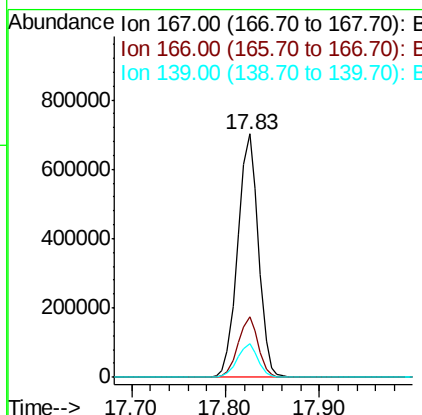
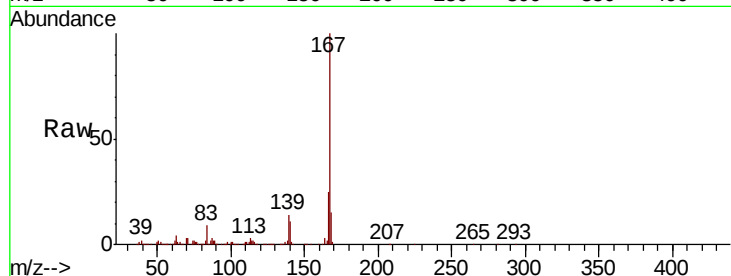


#73
 Carbazole
 Concen: 34.758 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1065882

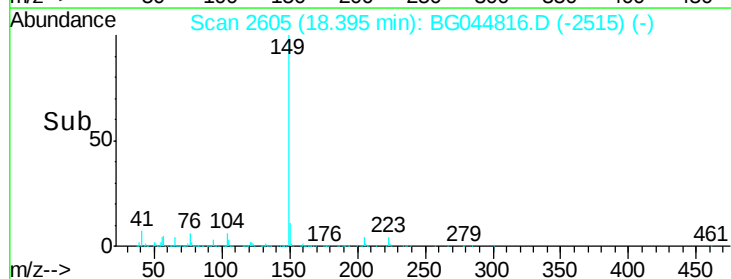
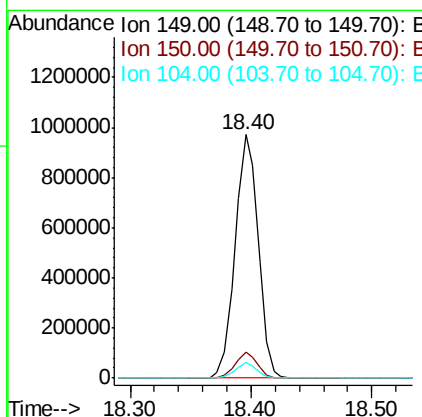
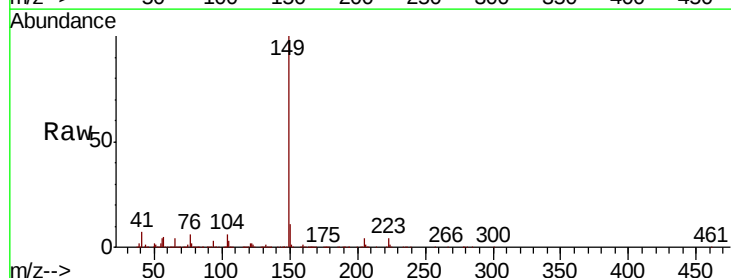
Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.8	28.2
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 34.696 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:149 Resp: 1293377

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.1	12.1
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 35.413 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

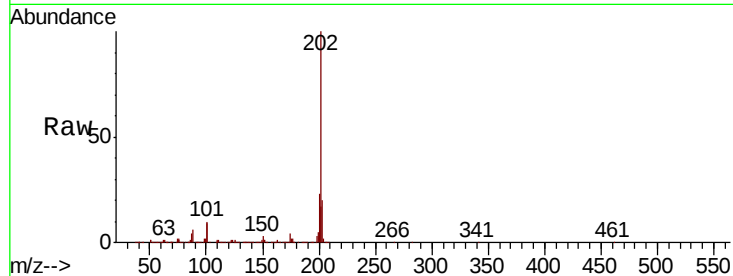
Tot Ion:202 Resp: 1365131

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.8

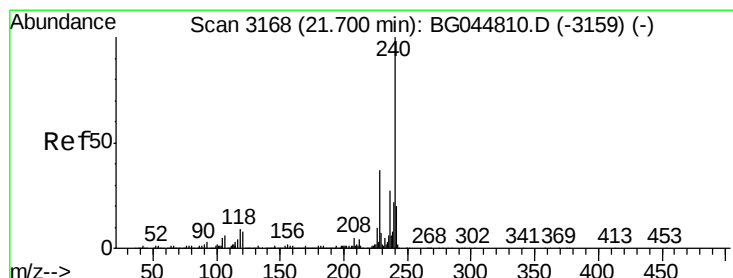
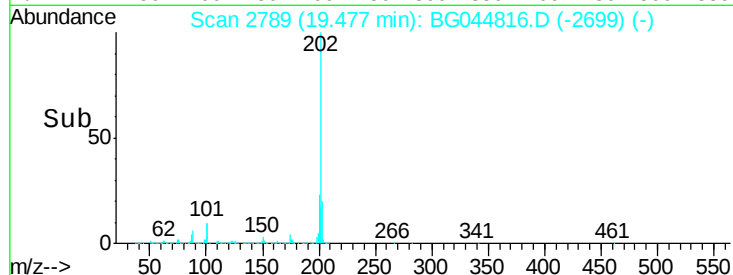
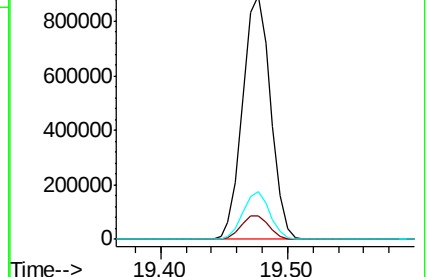
203 19.6 0.0 39.4



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

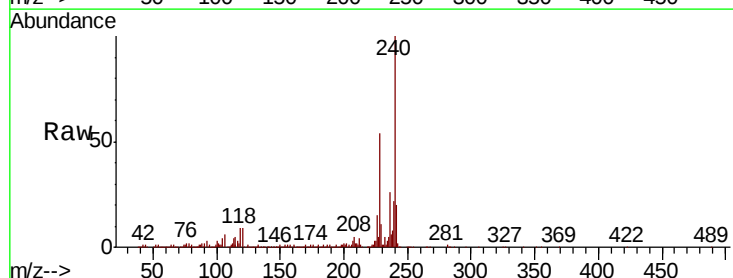
Tgt Ion:240 Resp: 517018

Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

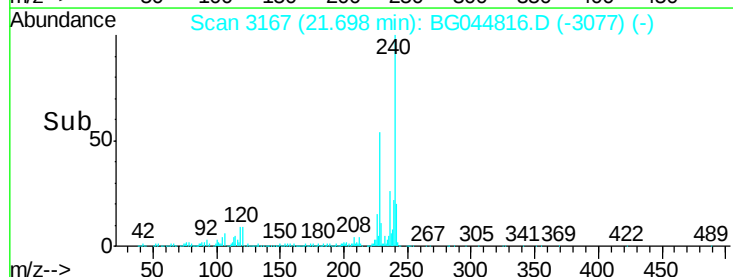
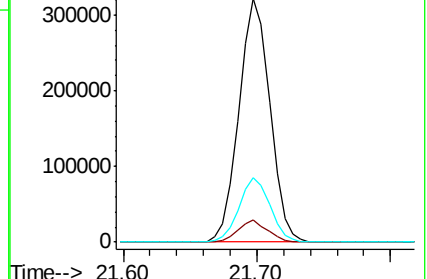
236 26.5 21.5 32.3

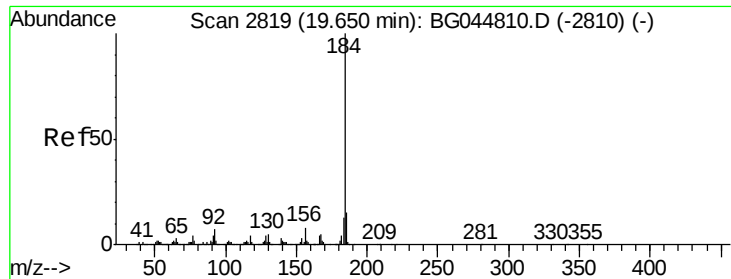


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.663 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

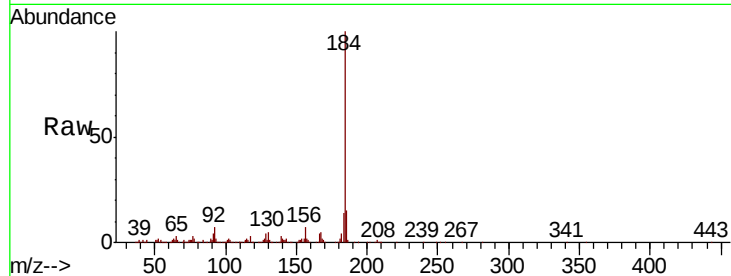
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 330035

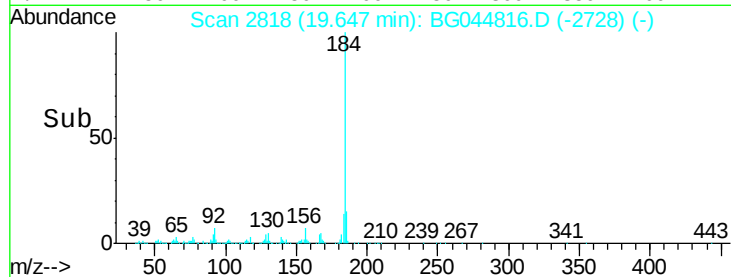
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.4
183	13.6	10.7	16.1



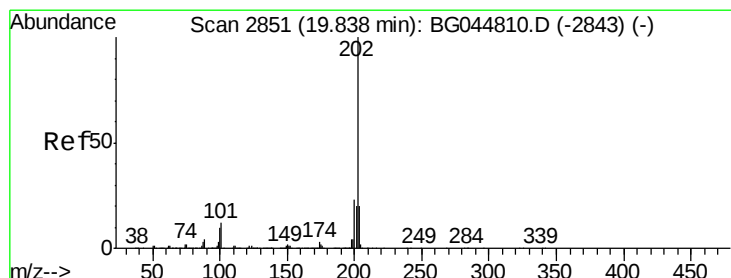
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 35.958 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

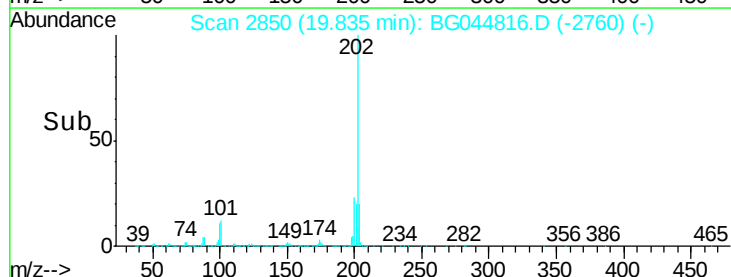
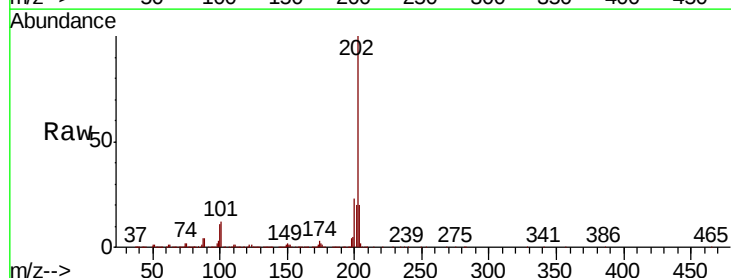
Tgt Ion:202 Resp: 1363959

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.3	27.5
203	20.0	15.6	23.4

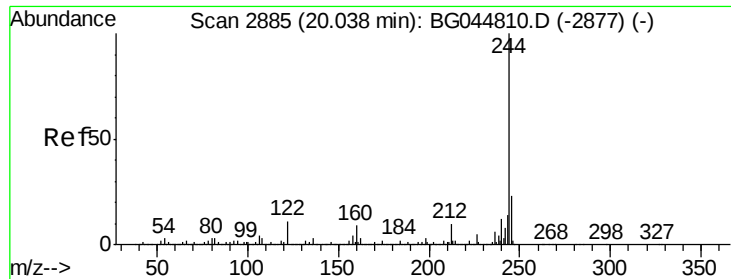
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 60.764 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

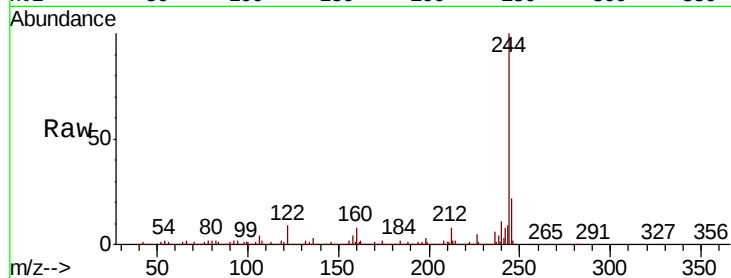
Tot Ion:244 Resp: 1679524

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.7	11.5
122	8.7	8.6	12.8

244 100

212 8.4 7.7 11.5

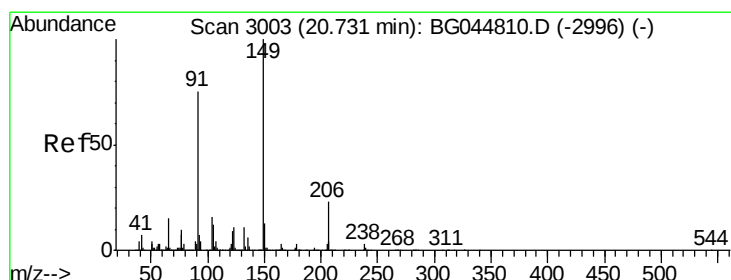
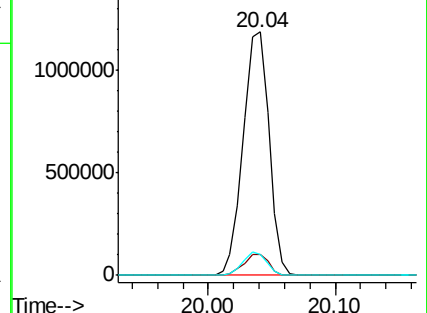
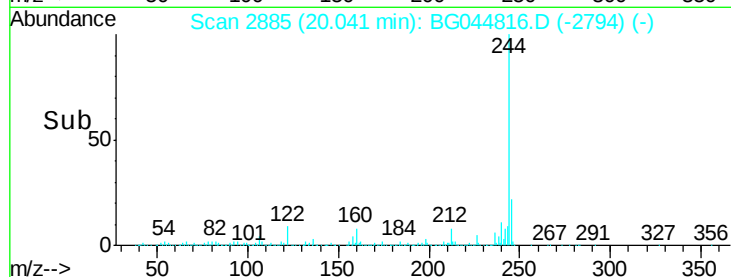
122 8.7 8.6 12.8



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: 34.338 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

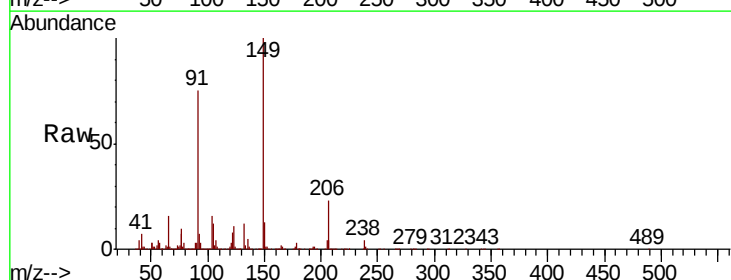
Tgt Ion:149 Resp: 579458

Ion	Ratio	Lower	Upper
149	100		
91	75.5	60.2	90.4
206	22.5	18.6	27.8

149 100

91 75.5 60.2 90.4

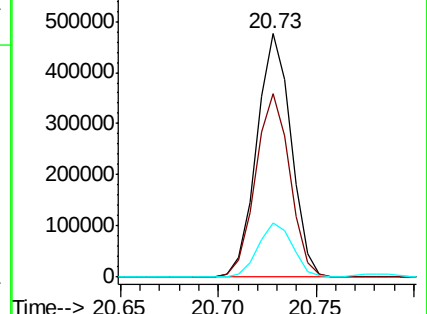
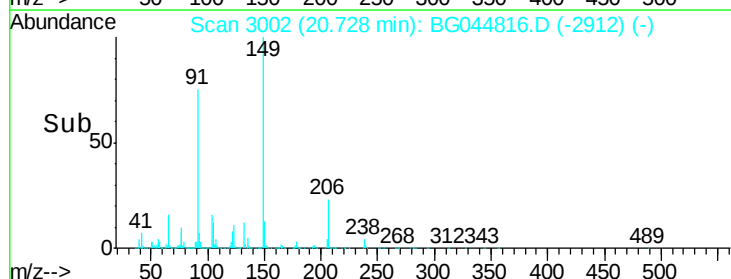
206 22.5 18.6 27.8

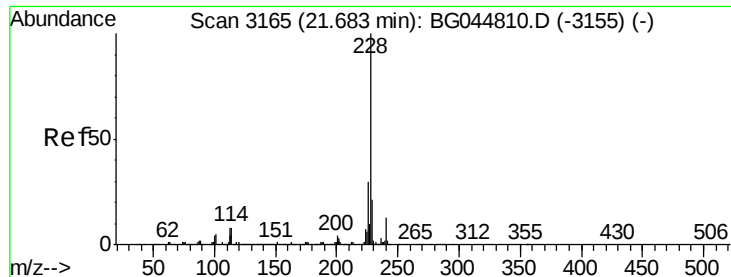


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

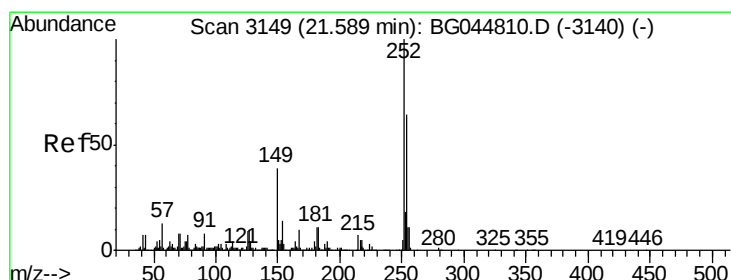
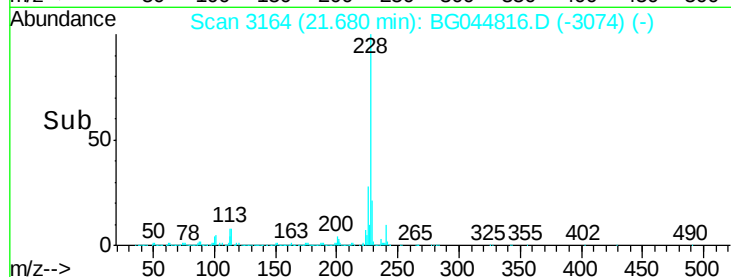
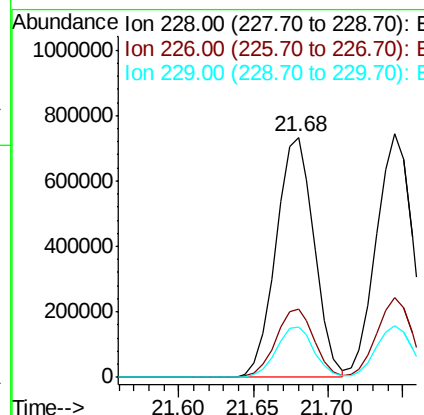
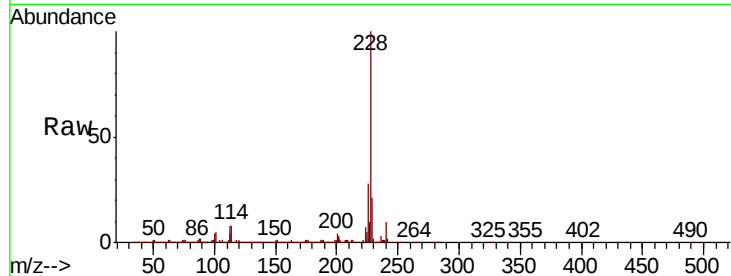




#81
Benzo(a)anthracene
Concen: 35.073 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

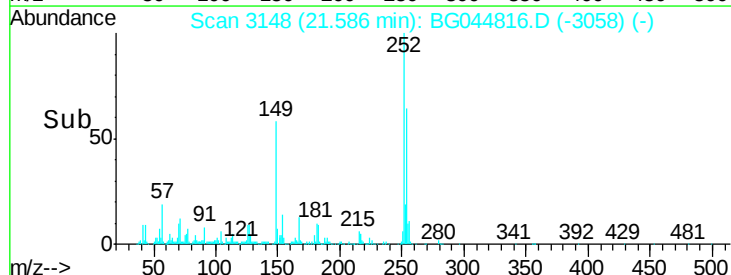
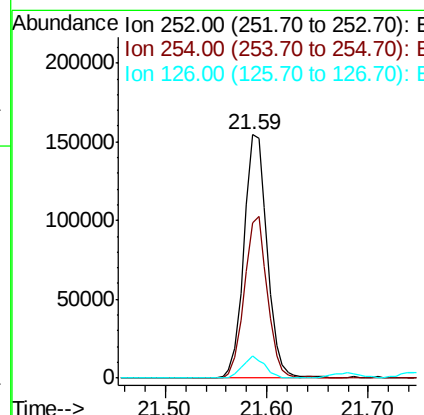
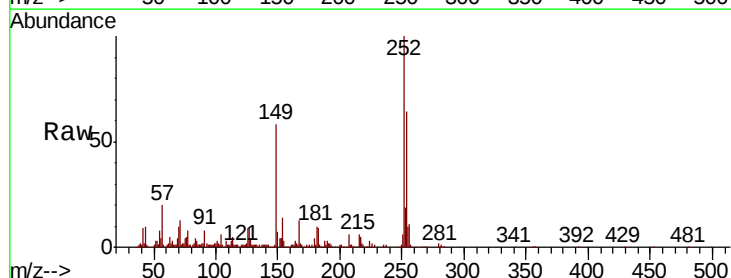
Instrument :
BNA_G
ClientSampled :

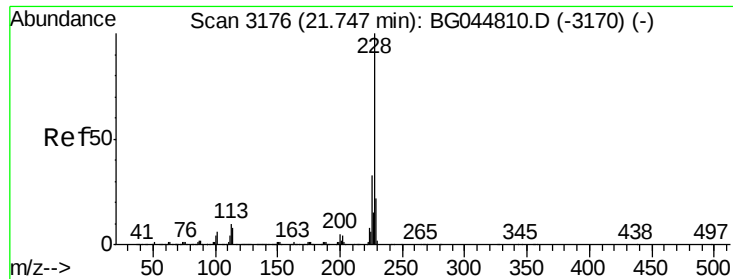
Tot Ion:228 Resp: 1305741
Ion Ratio Lower Upper
228 100
226 28.5 23.6 35.4
229 20.8 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 17.054 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:252 Resp: 245629
Ion Ratio Lower Upper
252 100
254 63.6 51.6 77.4
126 9.3 7.0 10.6





#83

Chrysene

Concen: 34.916 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

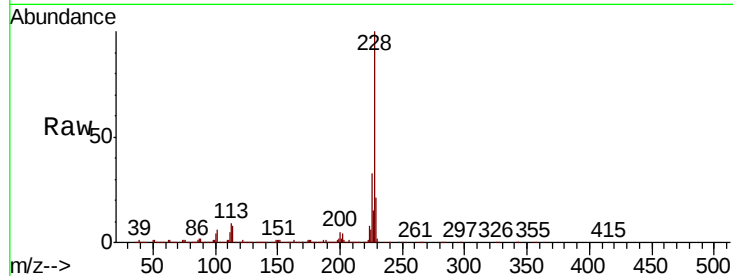
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1241703

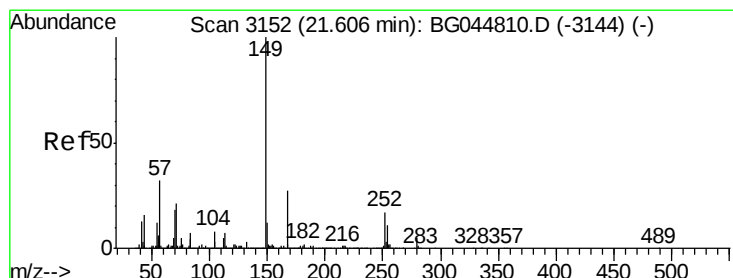
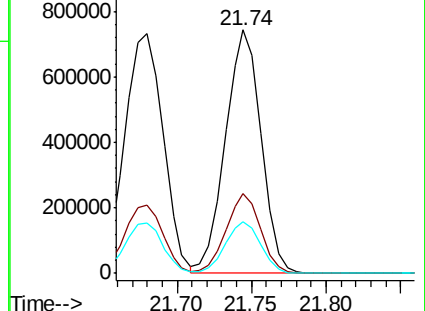
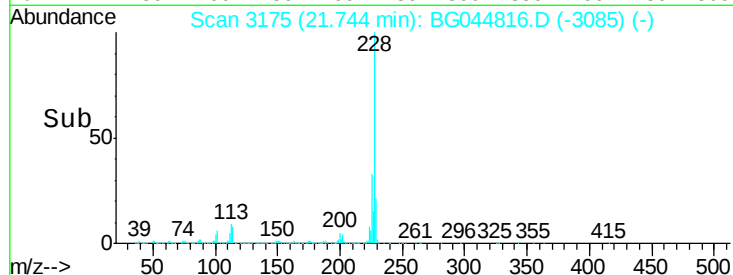
Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.9	38.9
229	21.3	17.4	26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.685 ng

RT: 21.60 min Scan# 3151

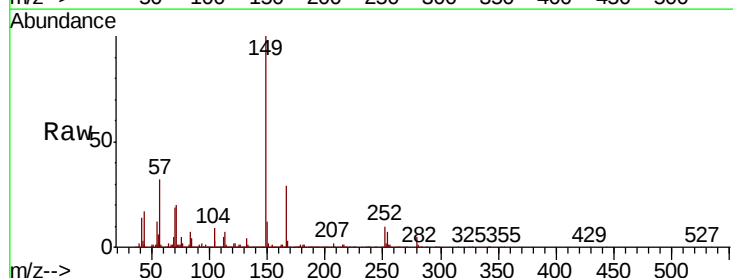
Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:149 Resp: 807805

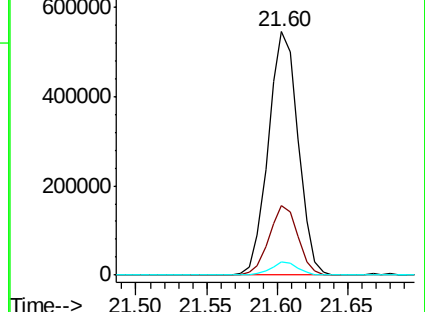
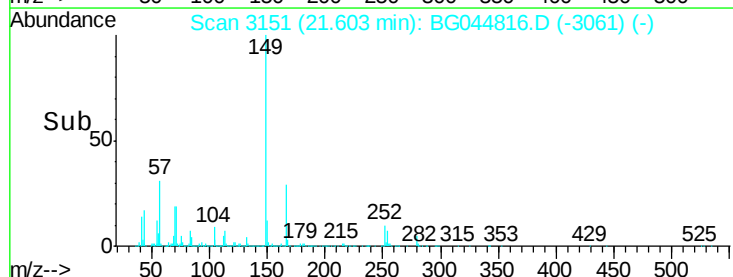
Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.6
279	5.3	3.8	5.6

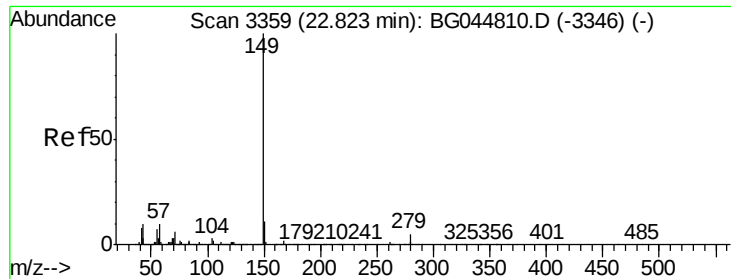


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

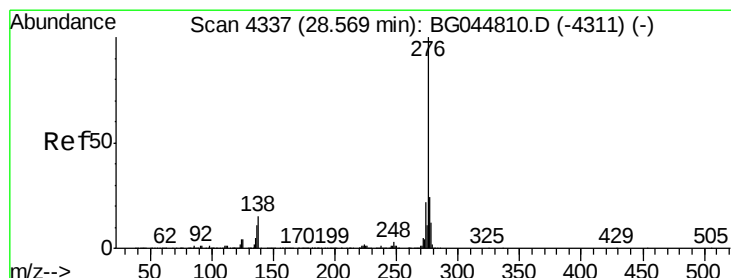
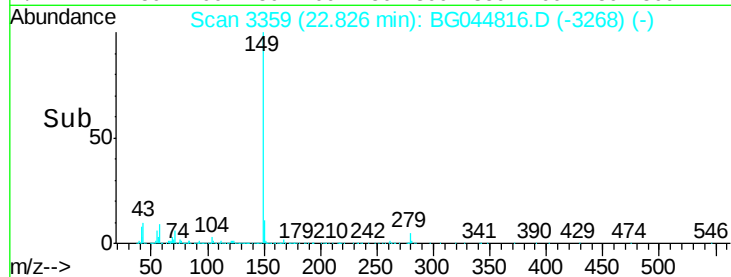
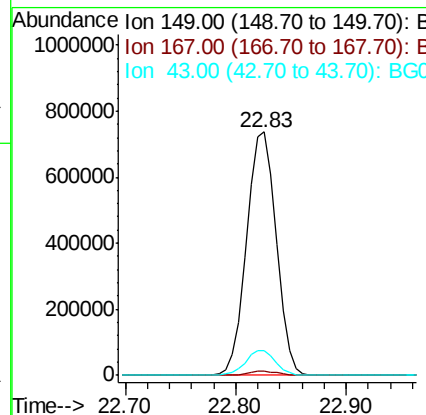
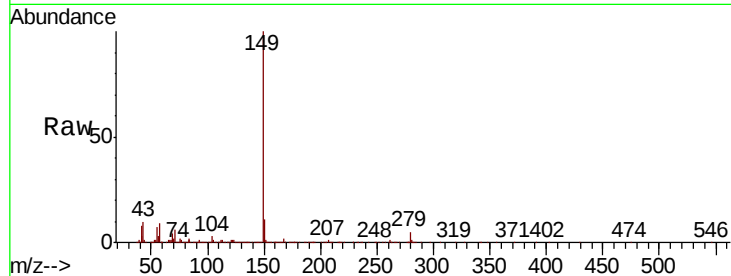




#85
Di-n-octyl phthalate
Concen: 35.739 ng
RT: 22.83 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

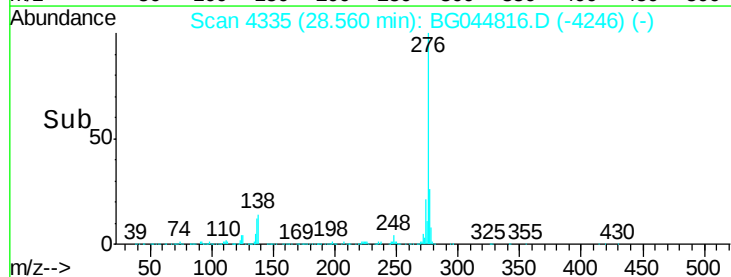
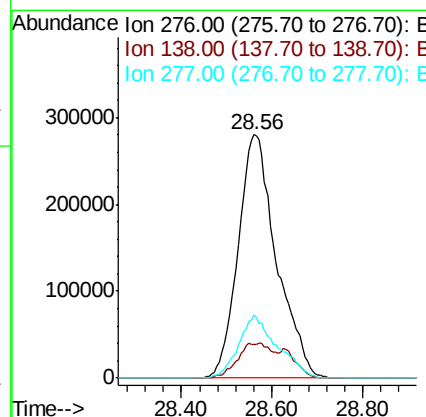
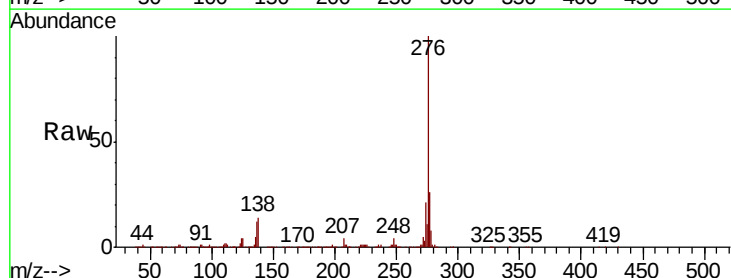
Instrument :
BNA_G
ClientSampleId :

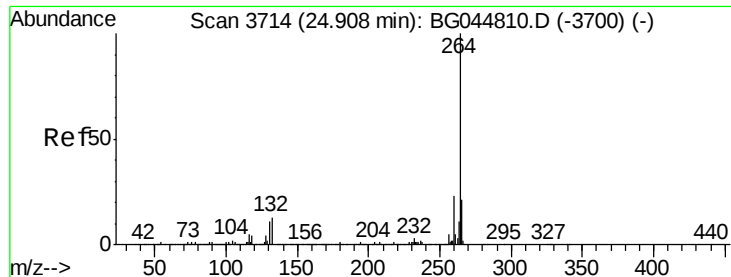
Tot Ion:149 Resp: 1392858
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.0 8.2 12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.267 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:276 Resp: 1644232
Ion Ratio Lower Upper
276 100
138 7.5 7.4 11.0
277 26.0 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

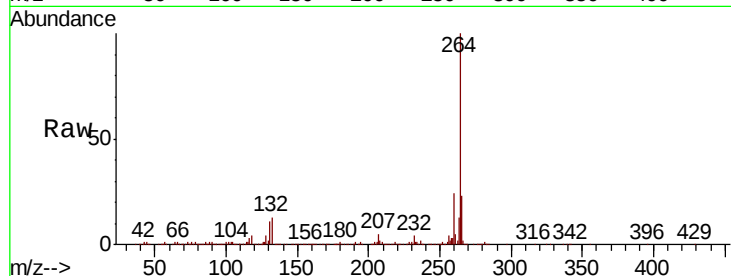
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 622496

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.1	27.1
265	23.3	17.1	25.7

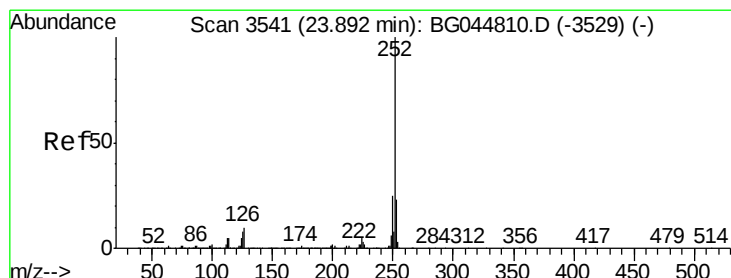
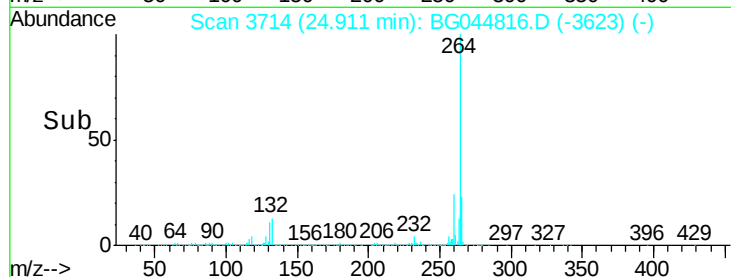
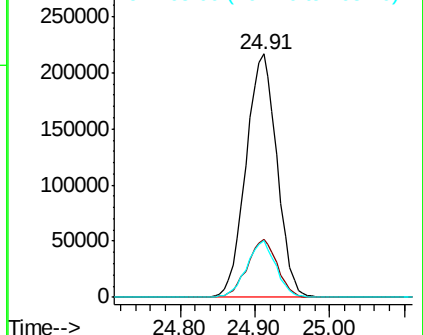


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.060 ng

RT: 23.89 min Scan# 3541

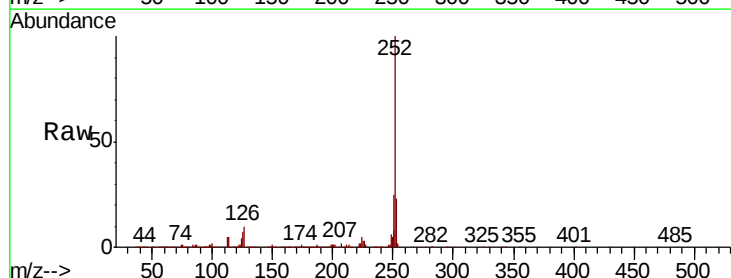
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:252 Resp: 1399725

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.4	6.6	9.8

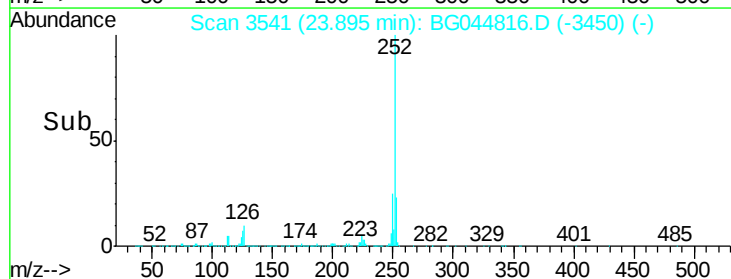
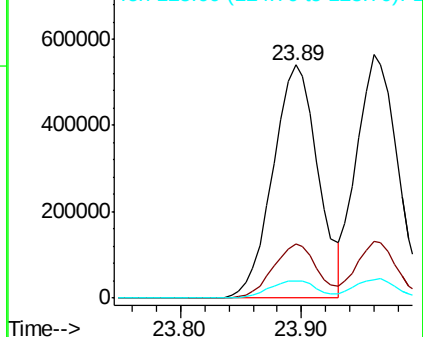


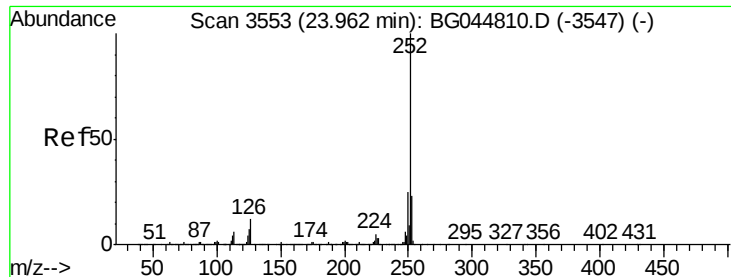
Abundance

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: 33.743 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

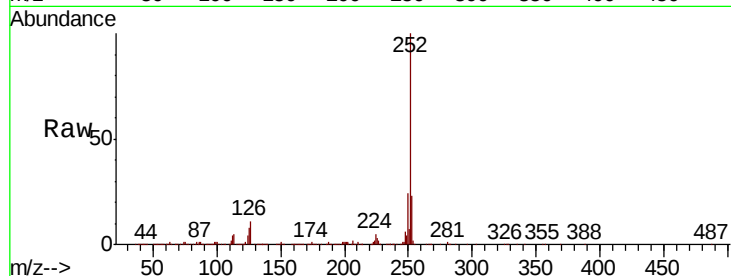
Tot Ion:252 Resp: 1312279

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

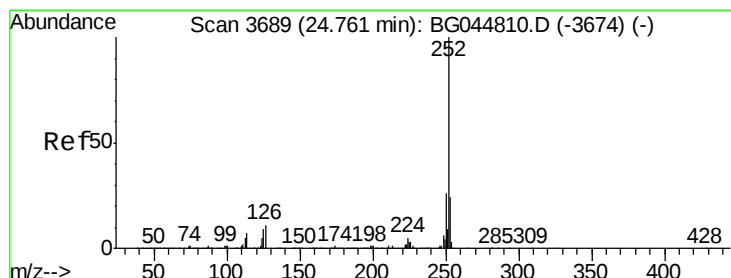
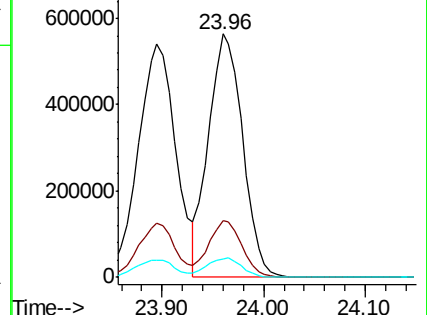
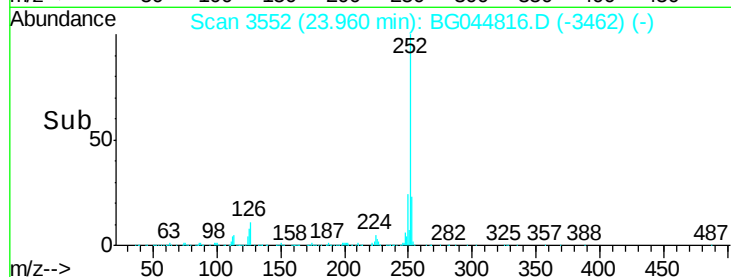
125 7.7 6.2 9.2



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



#90

Benzo(a)pyrene

Concen: 33.283 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

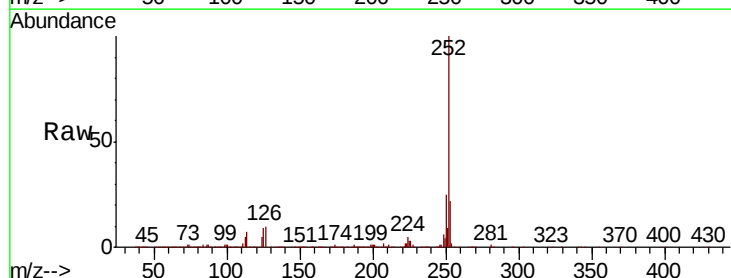
Tgt Ion:252 Resp: 1279844

Ion Ratio Lower Upper

252 100

253 22.4 19.4 29.0

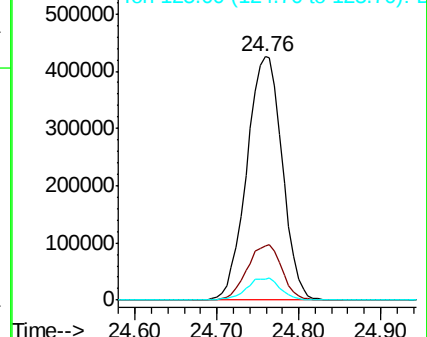
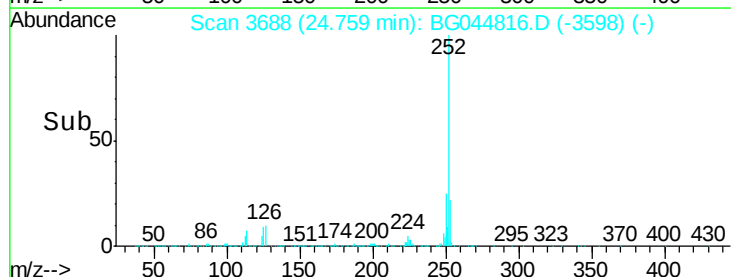
125 8.7 7.2 10.8

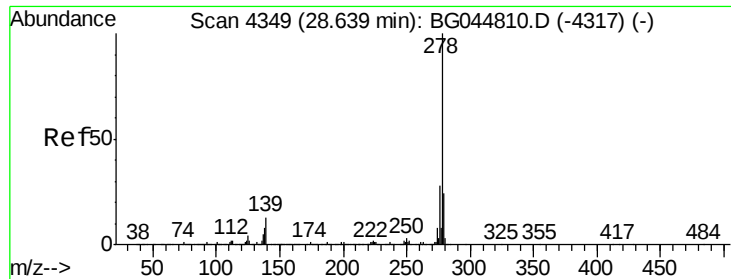


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

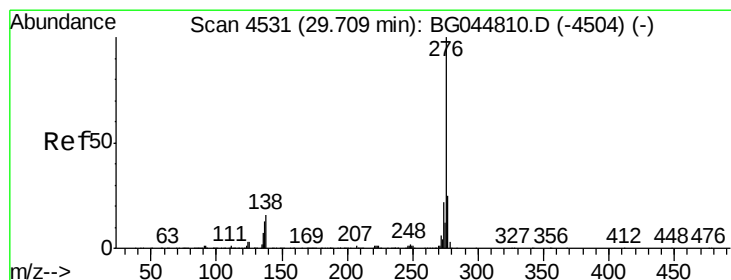
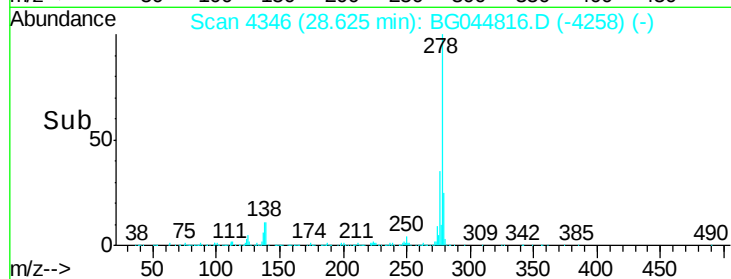
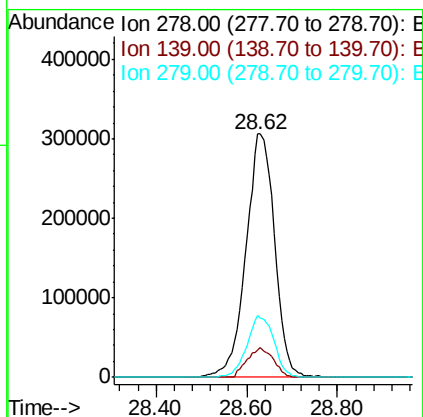
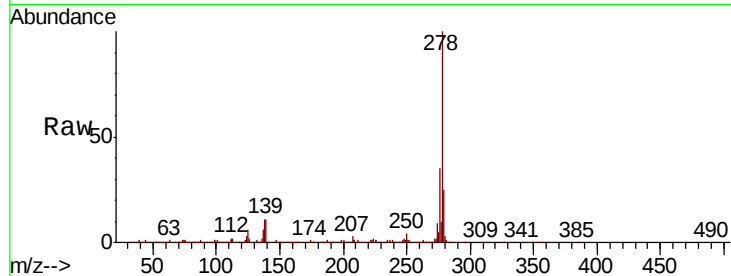




#91
Dibenzo(a,h)anthracene
Concen: 35.260 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1337639
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.2
279 25.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.671 ng
RT: 29.70 min Scan# 4529
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:276 Resp: 1367215
Ion Ratio Lower Upper
276 100
277 26.1 20.1 30.1
138 15.4 13.0 19.6

