

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
 Data File : BG044229.D
 Acq On : 28 Jan 2020 12:05
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 28 15:49:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	93243	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	413207	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	278543	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	587215	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	515168	20.00	ng	-0.03
87) Perylene-d12	24.67	264	586911	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	438989	86.44	ng	-0.03
7) Phenol-d6	7.10	99	630977	88.89	ng	-0.02
23) Nitrobenzene-d5	9.09	82	580290	75.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	270027	92.64	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1339302	87.11	ng	-0.03
79) Terphenyl-d14	19.92	244	1899122	90.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	88594	40.011	ng	97
3) Pyridine	3.80	79	259972	39.744	ng	94
4) n-Nitrosodimethylamine	3.71	42	111044	38.130	ng	96
6) Aniline	7.25	93	378051	40.548	ng	97
8) 2-Chlorophenol	7.50	128	252216	42.306	ng	96
9) Benzaldehyde	7.06	77	160562	35.341	ng	98
10) Phenol	7.13	94	315184	43.095	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	254811	40.362	ng	98
12) 1,3-Dichlorobenzene	7.82	146	290816	41.685	ng	98
13) 1,4-Dichlorobenzene	7.97	146	289384	42.040	ng	98
14) 1,2-Dichlorobenzene	8.28	146	276856	41.903	ng	98
15) Benzyl Alcohol	8.17	79	225605	40.270	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	356234	36.473	ng	98
17) 2-Methylphenol	8.38	107	225299	42.569	ng	97
18) Hexachloroethane	9.01	117	110560	41.277	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	206514	39.066	ng	96
20) 3+4-Methylphenols	8.71	107	314927	42.654	ng	99
22) Acetophenone	8.75	105	404867	39.412	ng	# 97
24) Nitrobenzene	9.13	77	291262	38.073	ng	99
25) Isophorone	9.65	82	552119	38.100	ng	98
26) 2-Nitrophenol	9.84	139	155186	42.876	ng	93
27) 2,4-Dimethylphenol	9.91	122	220725	40.513	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	369527	38.250	ng	99
29) 2,4-Dichlorophenol	10.38	162	271515	41.779	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	298349	40.944	ng	99
31) Naphthalene	10.78	128	831089	41.563	ng	99
32) Benzoic acid	10.06	122	121754	30.123	ng	95
33) 4-Chloroaniline	10.89	127	381785	40.031	ng	98
34) Hexachlorobutadiene	11.08	225	183200	41.178	ng	96
35) Caprolactam	11.66	113	98191	40.586	ng	93
36) 4-Chloro-3-methylphenol	12.02	107	292762	42.316	ng	98
37) 2-Methylnaphthalene	12.39	142	630456	41.880	ng	95
38) 1-Methylnaphthalene	12.61	142	596330	41.796	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	331722	40.632	ng	99

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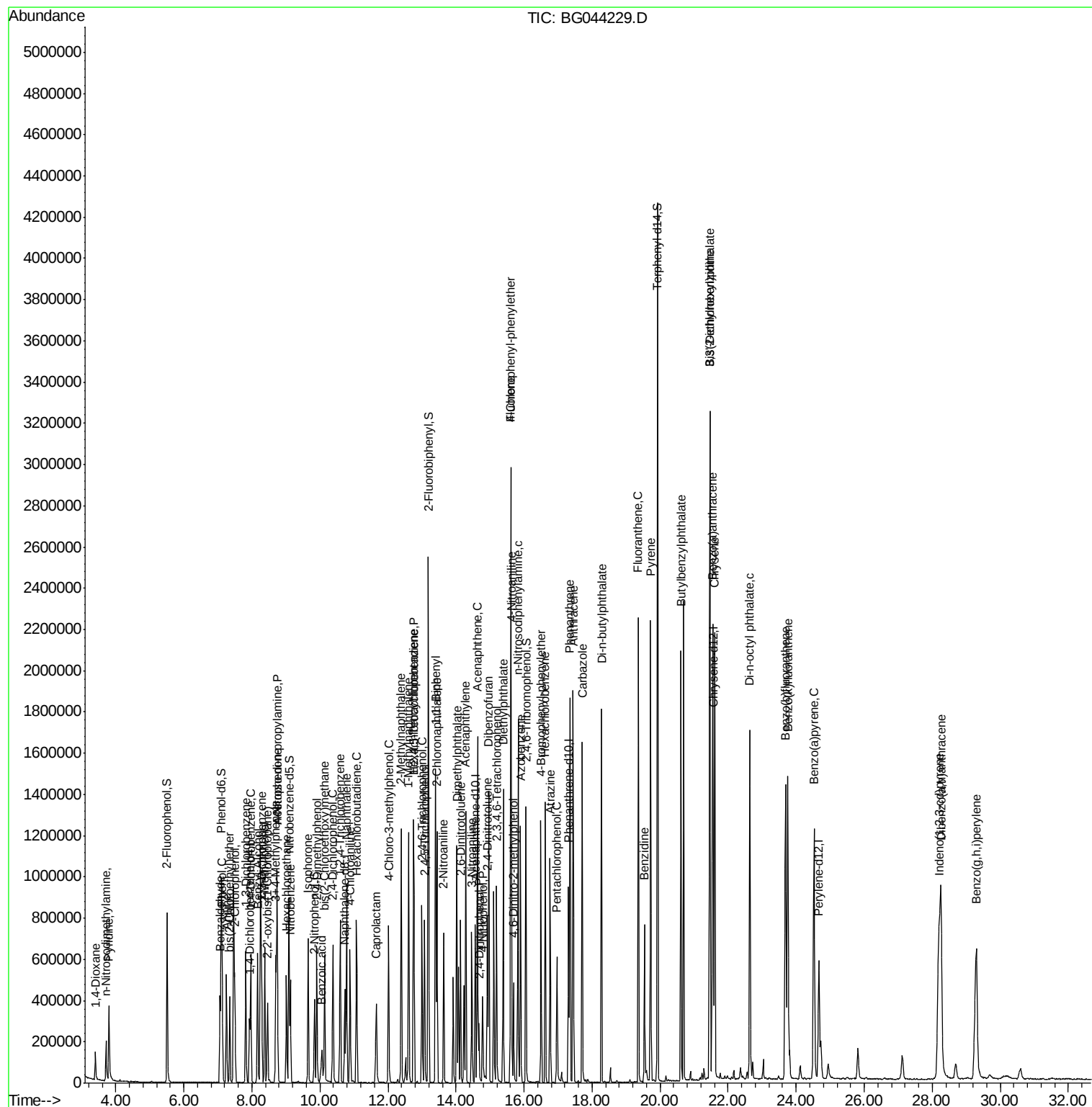
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	162385	38.365	nq	98
43) 2,4,6-Trichlorophenol	13.00	196	225757	40.188	nq	95
44) 2,4,5-Trichlorophenol	13.07	196	236141	40.757	nq	99
46) 1,1'-Biphenyl	13.40	154	823023	41.211	nq	98
47) 2-Chloronaphthalene	13.44	162	664007	41.146	nq	97
48) 2-Nitroaniline	13.64	65	201473	38.811	nq	97
49) Acenaphthylene	14.29	152	974165	41.999	nq	97
50) Dimethylphthalate	14.02	163	828576	41.895	nq	98
51) 2,6-Dinitrotoluene	14.14	165	183747	41.105	nq	93
52) Acenaphthene	14.63	154	641416	39.432	nq	96
53) 3-Nitroaniline	14.47	138	205918	40.565	nq	99
54) 2,4-Dinitrophenol	14.67	184	75936	36.542	nq	98
55) Dibenzofuran	14.96	168	967749	43.218	nq	98
56) 4-Nitrophenol	14.78	139	152380	39.172	nq	92
57) 2,4-Dinitrotoluene	14.92	165	264941	43.557	nq	98
58) Fluorene	15.62	166	756754	42.638	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	204568	41.061	nq	97
60) Diethylphthalate	15.39	149	840958	42.512	nq	99
61) 4-Chlorophenyl-phenylether	15.61	204	409738	42.516	nq	97
62) 4-Nitroaniline	15.63	138	206891	41.271	nq	95
63) Azobenzene	15.90	77	743096	40.506	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	127475	42.670	nq	94
66) n-Nitrosodiphenylamine	15.82	169	702695	40.635	nq	98
67) 4-Bromophenyl-phenylether	16.50	248	269480	40.803	nq	96
68) Hexachlorobenzene	16.63	284	298618	41.962	nq	95
69) Atrazine	16.77	200	202005	35.937	nq	99
70) Pentachlorophenol	16.97	266	138850	35.394	nq	98
71) Phenanthrene	17.35	178	1186587	42.129	nq	98
72) Anthracene	17.44	178	1186769	42.635	nq	98
73) Carbazole	17.71	167	1085571	42.220	nq	97
74) Di-n-butylphthalate	18.28	149	1361702	41.479	nq	97
75) Fluoranthene	19.36	202	1368995	42.500	nq	97
77) Benzidine	19.54	184	520613	40.205	nq	98
78) Pyrene	19.72	202	1382506	41.113	nq	97
80) Butylbenzylphthalate	20.62	149	649734	40.584	nq	93
81) Benzo(a)anthracene	21.54	228	1327531	41.558	nq	97
82) 3,3'-Dichlorobenzidine	21.46	252	499470	39.577	nq	98
83) Chrysene	21.60	228	1283714	42.293	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	883579	39.999	nq	99
85) Di-n-octyl phthalate	22.64	149	1536896	41.385	nq	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1645695	39.896	nq	# 90
88) Benzo(b)fluoranthene	23.68	252	1415745	40.803	nq	99
89) Benzo(k)fluoranthene	23.75	252	1377282	41.743	nq	98
90) Benzo(a)pyrene	24.52	252	1343898	41.038	nq	97
91) Dibenzo(a,h)anthracene	28.25	278	1320596	40.154	nq	97
92) Benzo(g,h,i)perylene	29.29	276	1317599	40.333	nq	96

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

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Misc :
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Instrument :
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ClientSampled :

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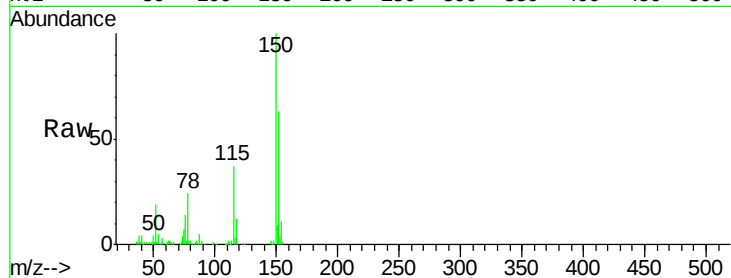


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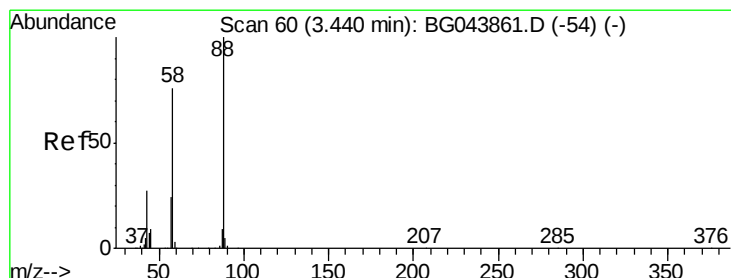
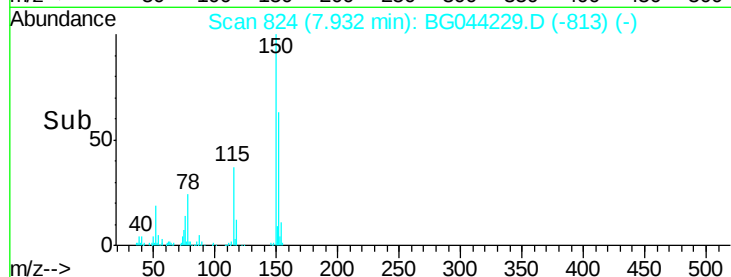
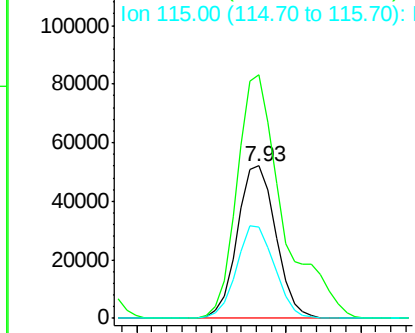
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 93243
Ion Ratio Lower Upper
152 100
150 159.9 127.0 190.4
115 59.8 47.8 71.8



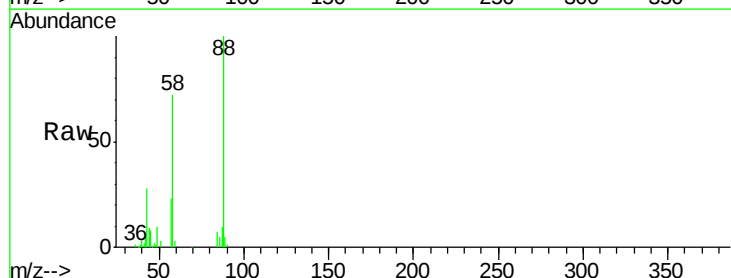
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



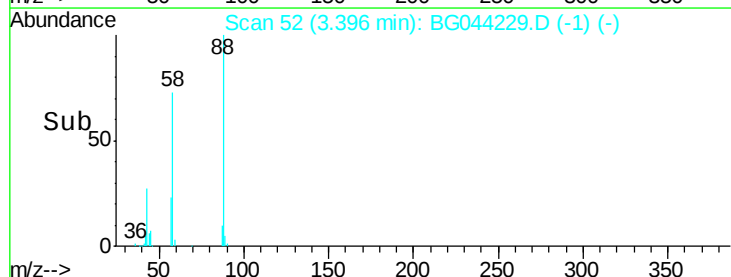
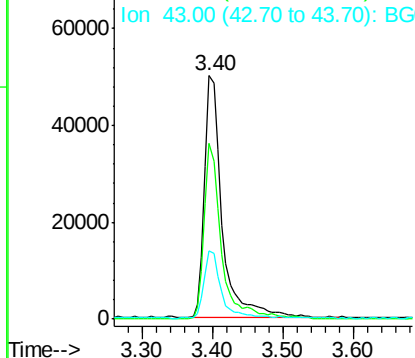
#2

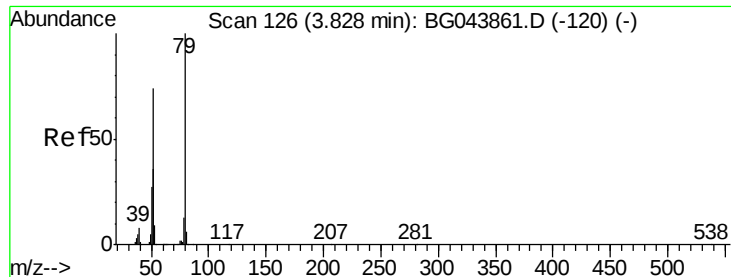
1,4-Dioxane
Concen: 40.011 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion: 88 Resp: 88594
Ion Ratio Lower Upper
88 100
58 70.8 59.8 89.8
43 28.5 22.9 34.3



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: 39.744 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

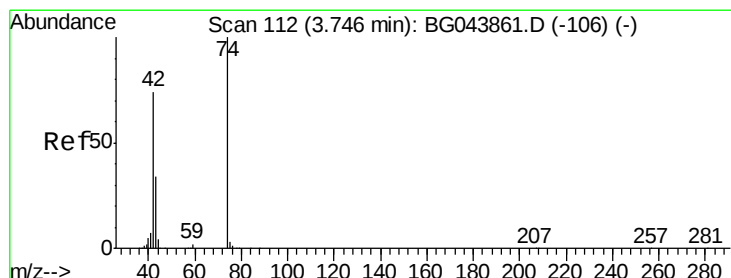
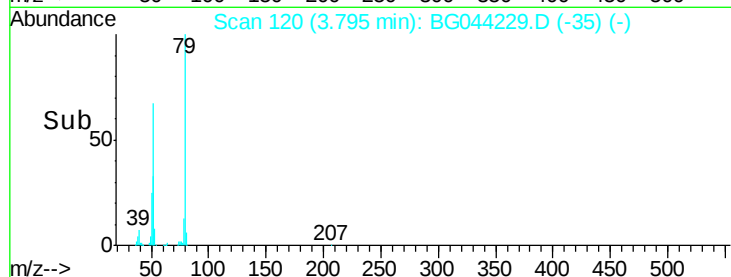
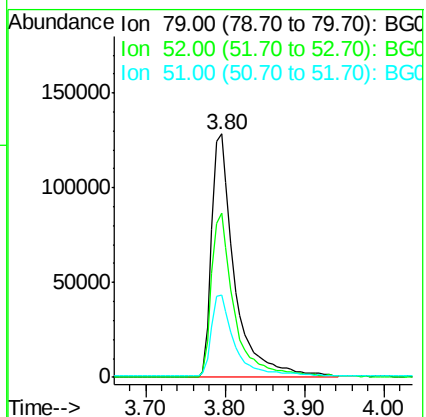
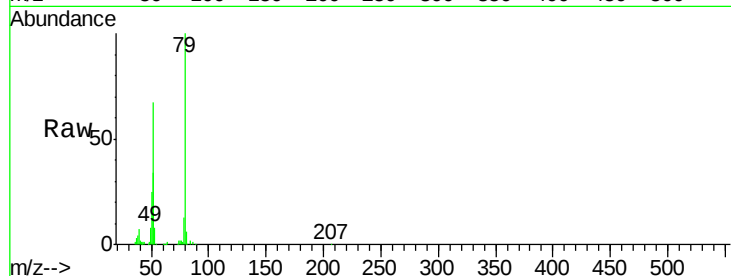
Tot Ion: 79 Resp: 259972

Ion Ratio Lower Upper

79 100

52 67.3 58.9 88.3

51 33.7 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.130 ng

RT: 3.71 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

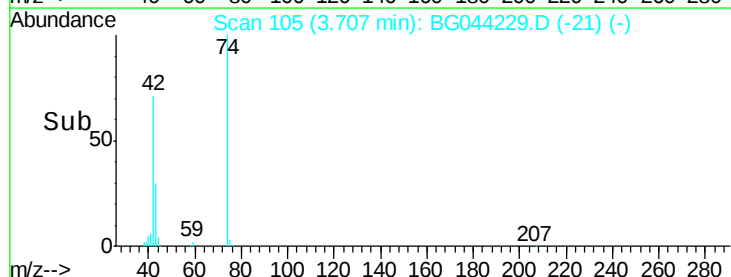
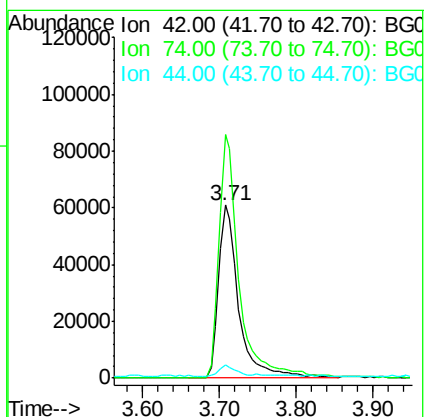
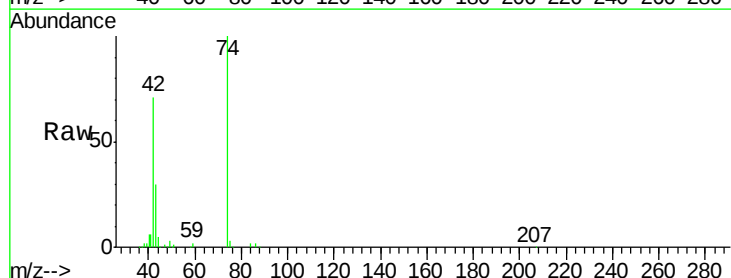
Tgt Ion: 42 Resp: 111044

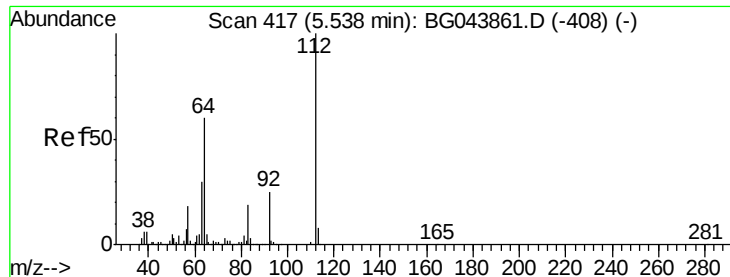
Ion Ratio Lower Upper

42 100

74 140.6 108.6 162.8

44 7.5 5.0 7.6





#5

2-Fluorophenol

Concen: 86.445 ng

RT: 5.51 min Scan# 411

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

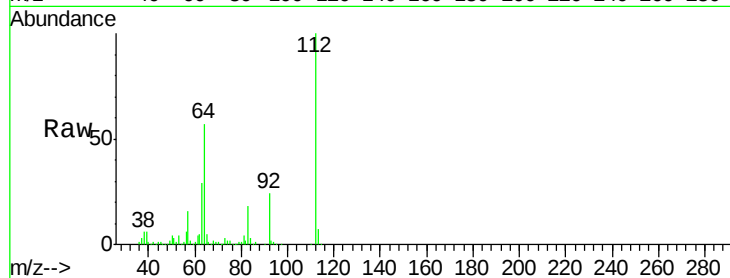
Tot Ion:112 Resp: 438989

Ion Ratio Lower Upper

112 100

64 56.9 47.8 71.6

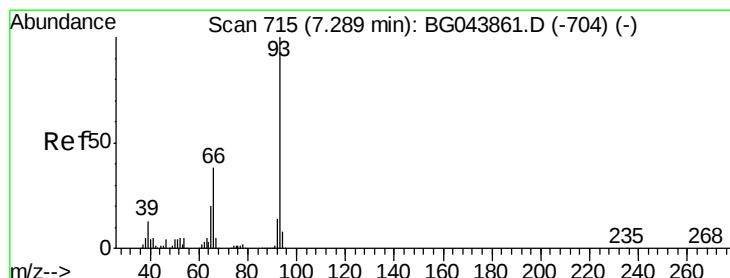
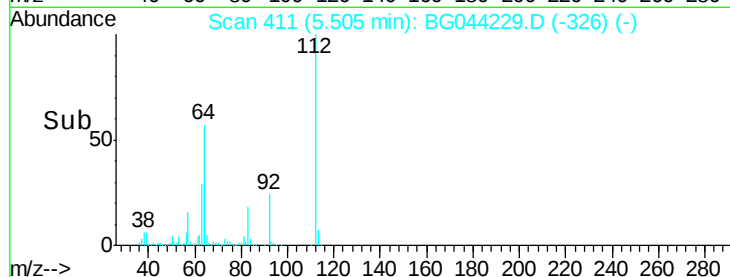
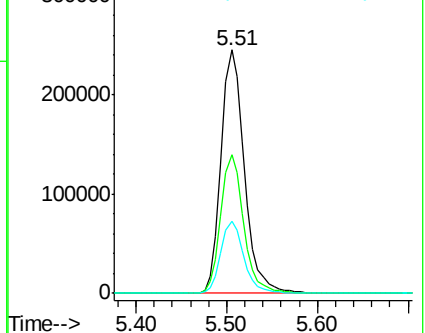
63 29.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.548 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

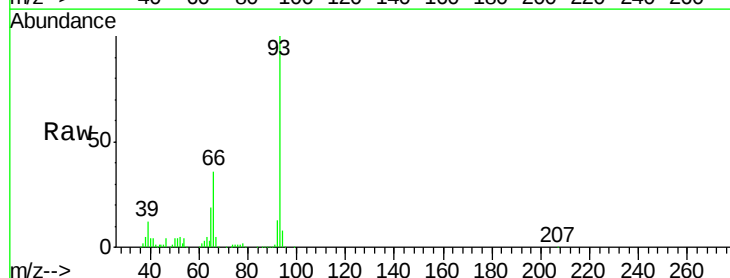
Tgt Ion: 93 Resp: 378051

Ion Ratio Lower Upper

93 100

66 36.3 30.8 46.2

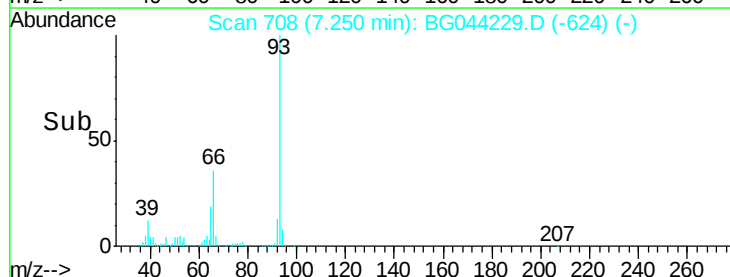
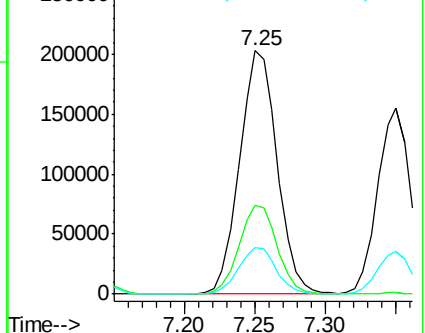
65 19.2 16.0 24.0

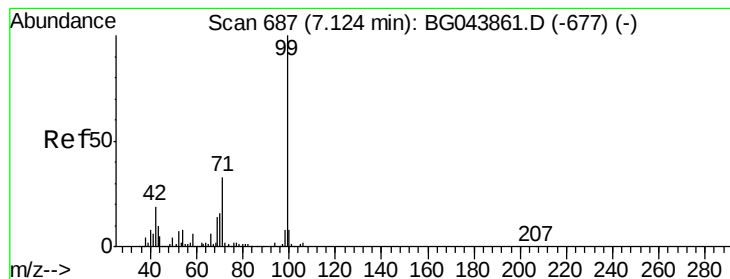


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 88.889 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

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ClientSampleId :

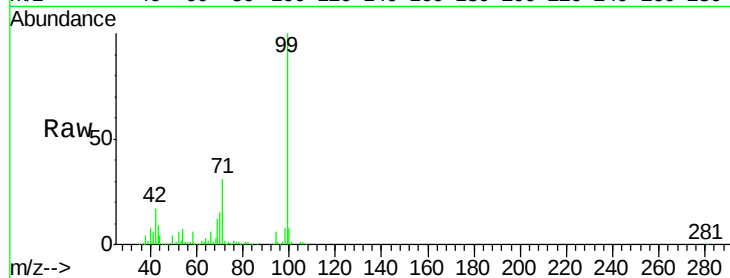
Tot Ion: 99 Resp: 630977

Ion Ratio Lower Upper

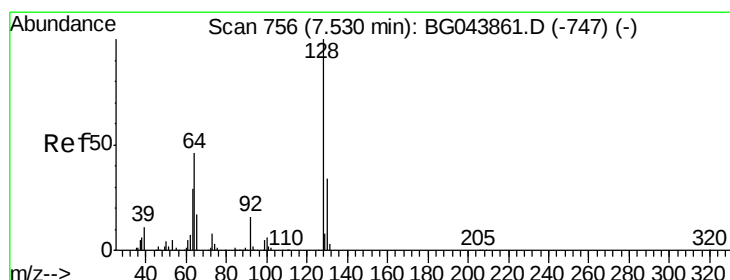
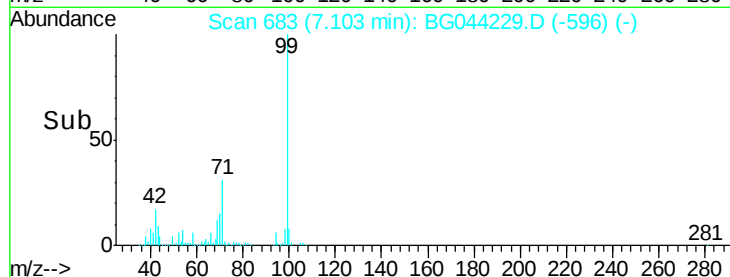
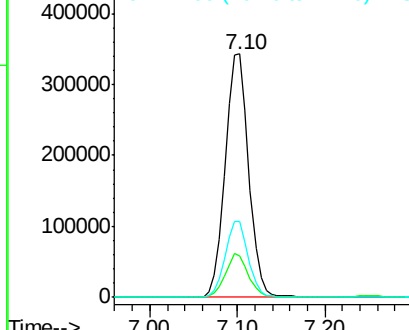
99 100

42 17.0 14.9 22.3

71 31.3 26.4 39.6



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



#8

2-Chlorophenol

Concen: 42.306 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

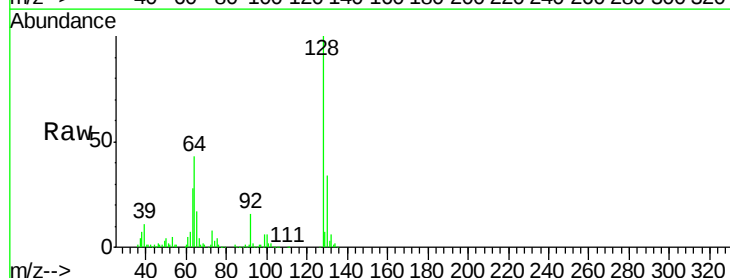
Tgt Ion: 128 Resp: 252216

Ion Ratio Lower Upper

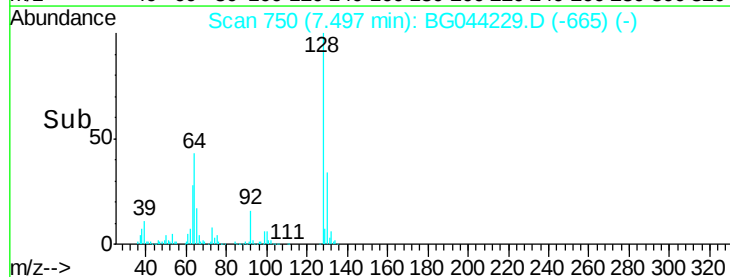
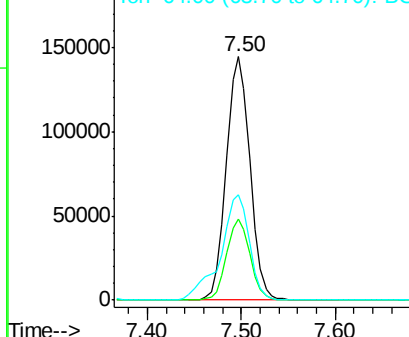
128 100

130 33.5 13.8 53.8

64 43.5 27.6 67.6



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: 35.341 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

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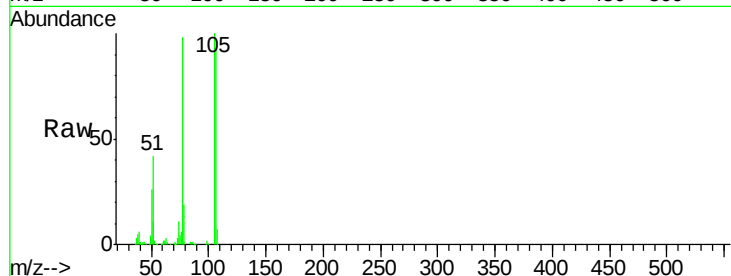
Tot Ion: 77 Resp: 160562

Ion Ratio Lower Upper

77 100

105 101.9 80.2 120.2

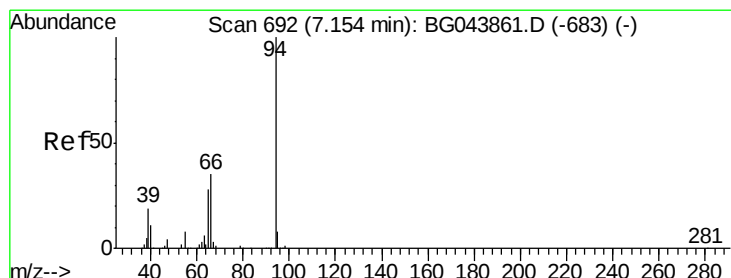
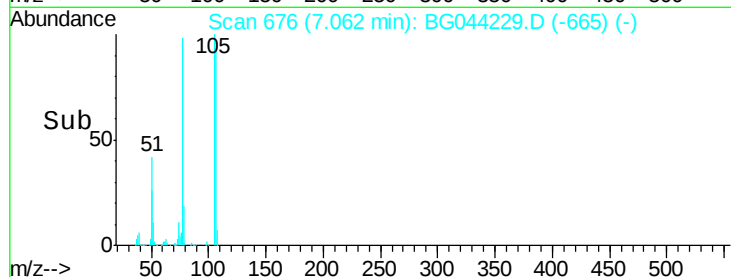
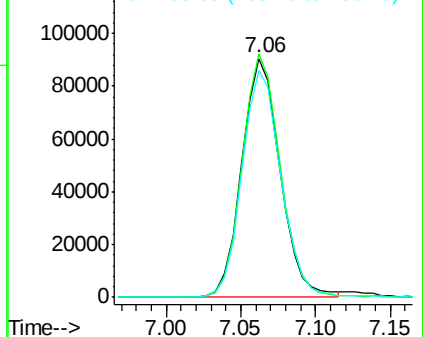
106 94.9 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.095 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

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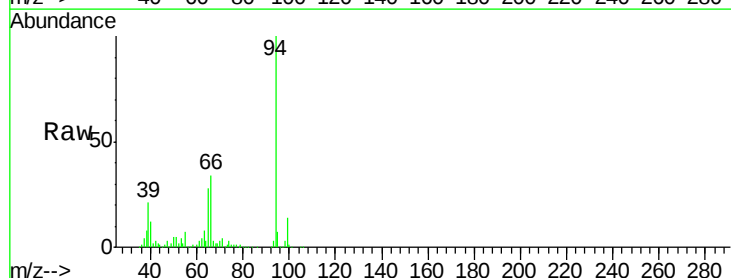
Tgt Ion: 94 Resp: 315184

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

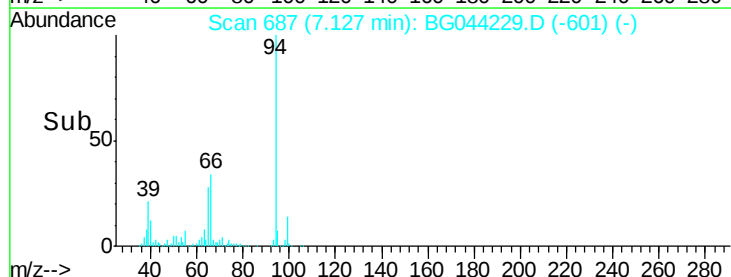
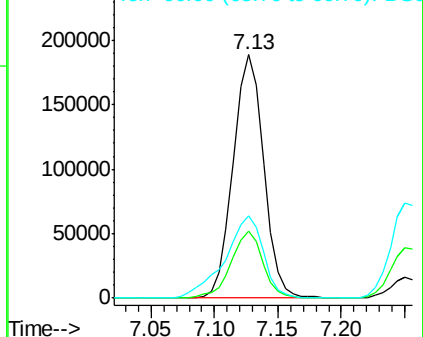
66 34.0 15.6 55.6



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

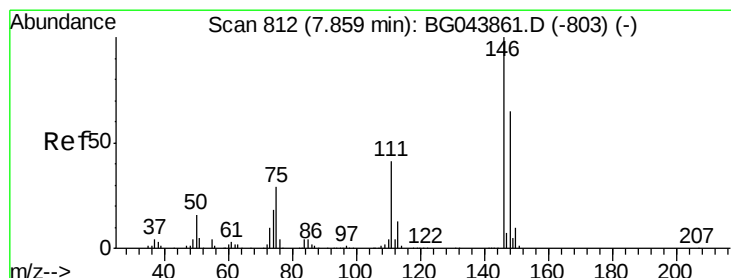
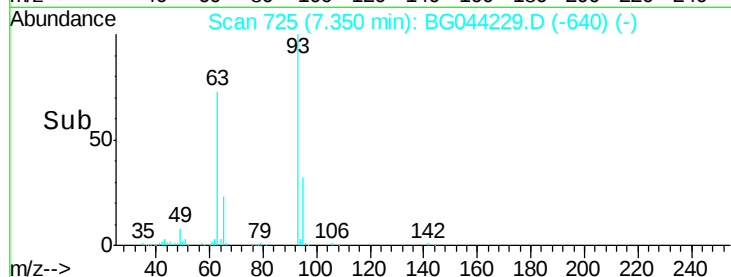
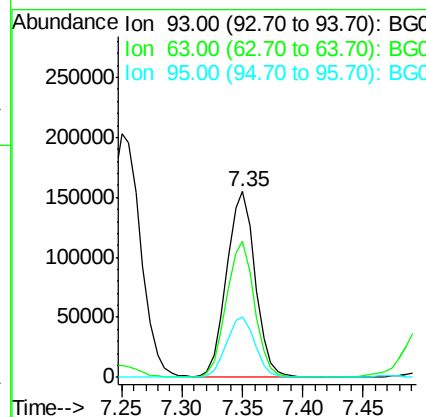
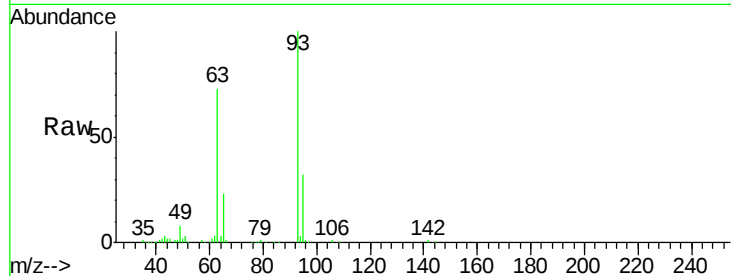




#11
bis(2-Chloroethyl)ether
Concen: 40.362 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

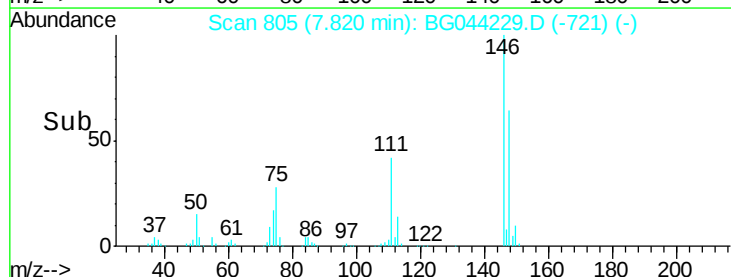
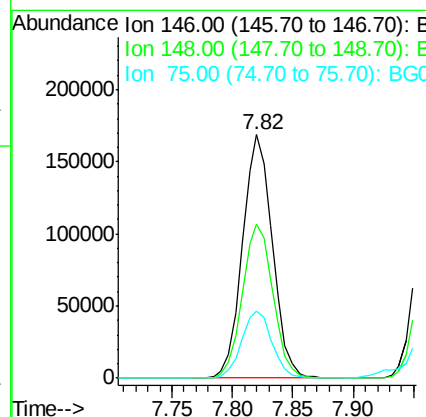
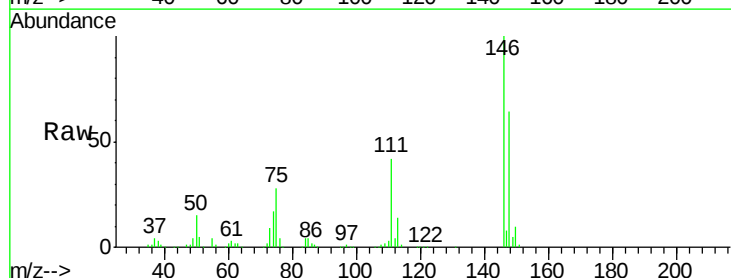
Instrument :
BNA_G
ClientSampleId :

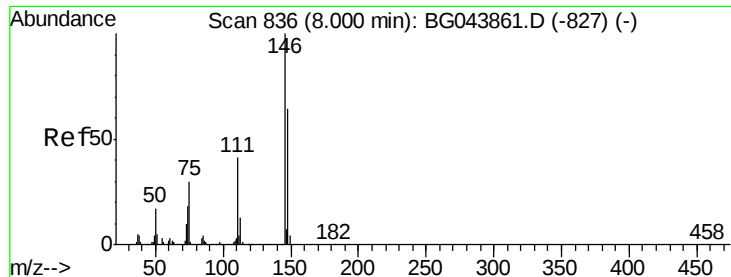
Tot Ion: 93 Resp: 254811
Ion Ratio Lower Upper
93 100
63 73.0 55.0 95.0
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.685 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion: 146 Resp: 290816
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
75 27.7 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 42.040 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

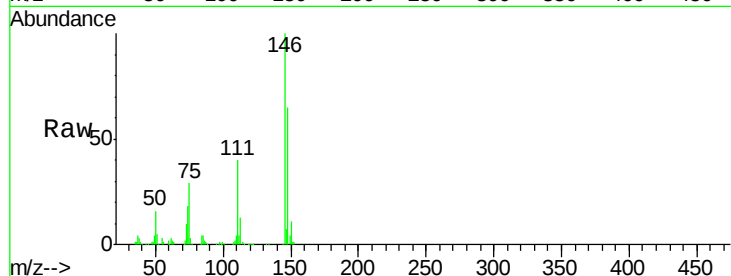
Tot Ion:146 Resp: 289384

Ion Ratio Lower Upper

146 100

148 65.2 51.2 76.8

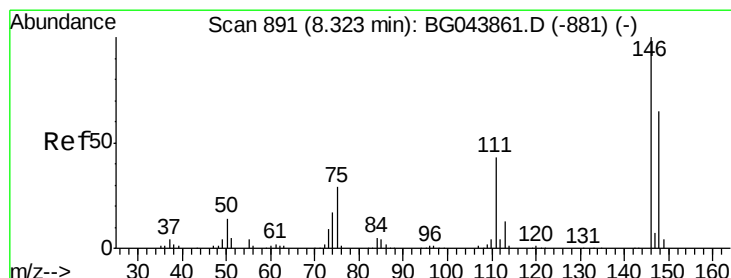
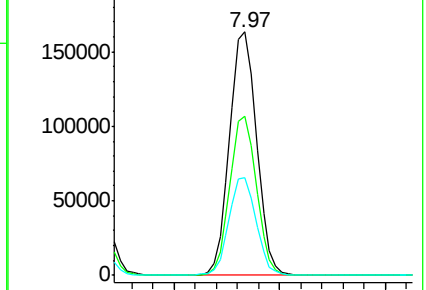
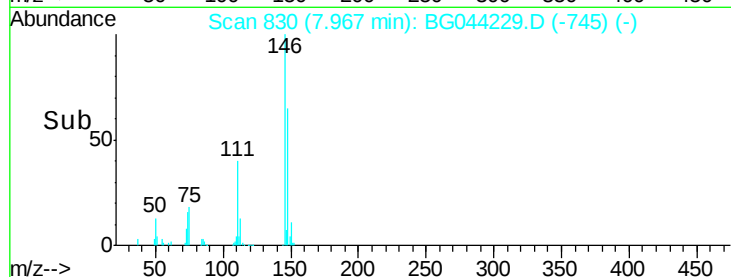
111 40.3 33.1 49.7



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: 41.903 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.04 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

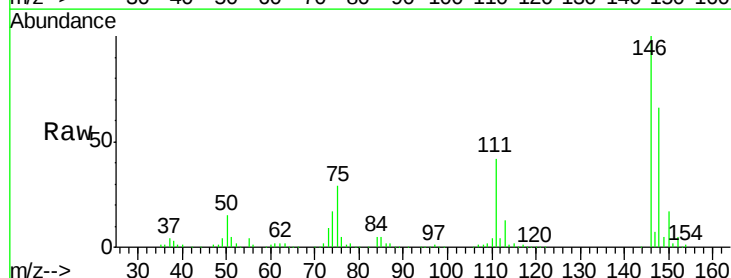
Tgt Ion:146 Resp: 276856

Ion Ratio Lower Upper

146 100

148 66.4 51.7 77.5

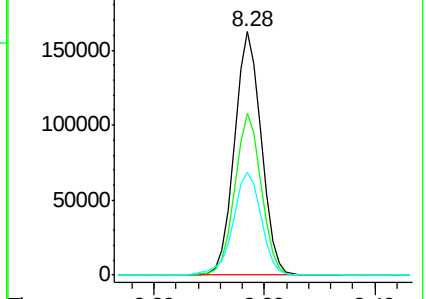
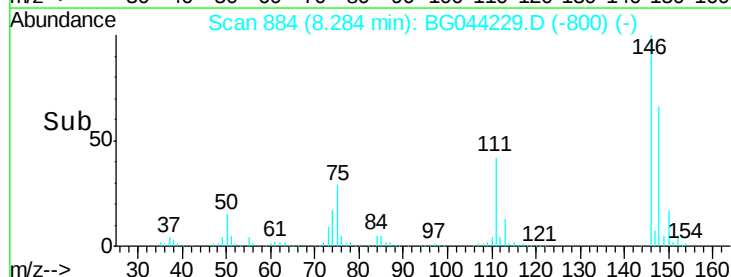
111 42.0 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.270 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

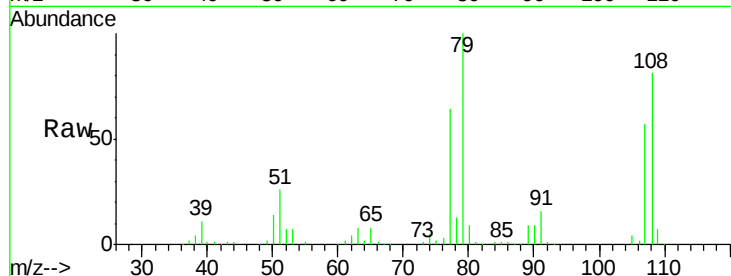
Tot Ion: 79 Resp: 225605

Ion Ratio Lower Upper

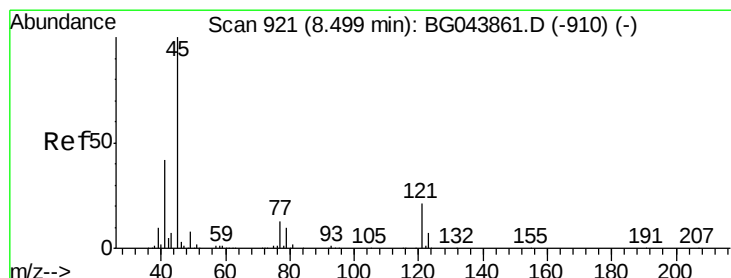
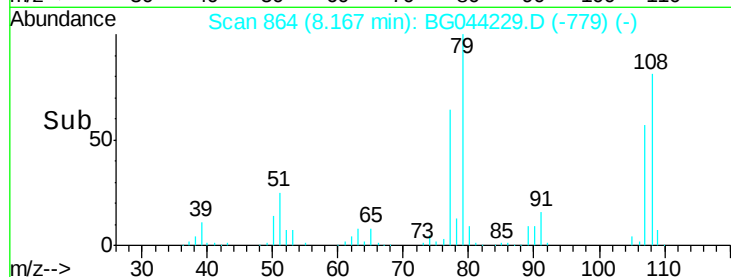
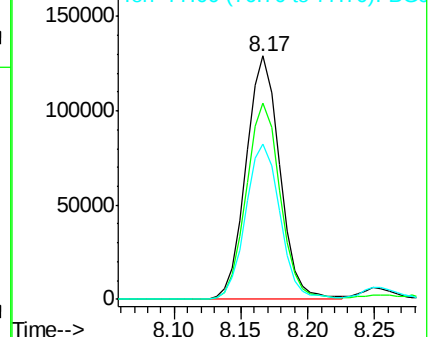
79 100

108 80.7 65.6 98.4

77 63.8 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.473 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

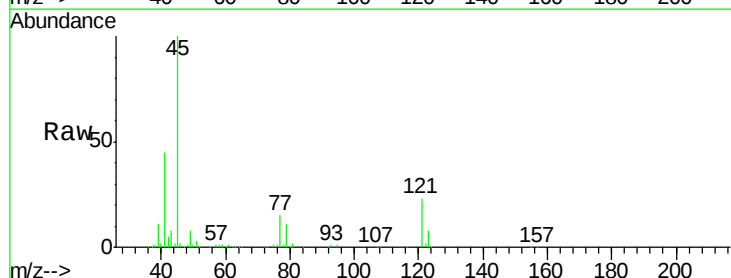
Tgt Ion: 45 Resp: 356234

Ion Ratio Lower Upper

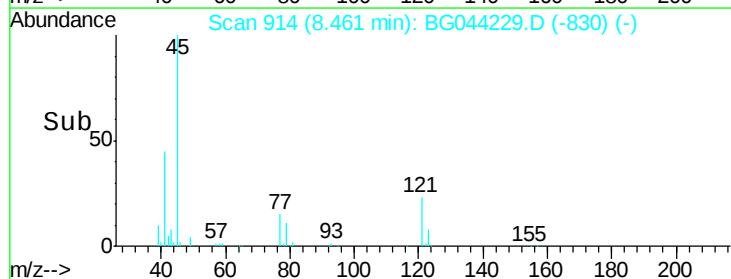
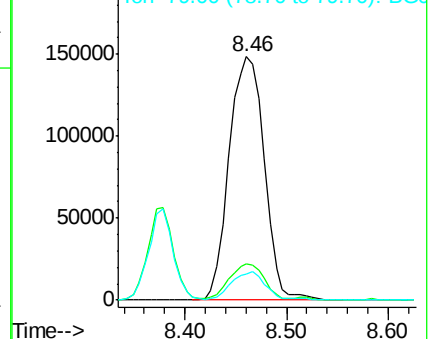
45 100

77 15.1 0.0 33.8

79 10.9 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

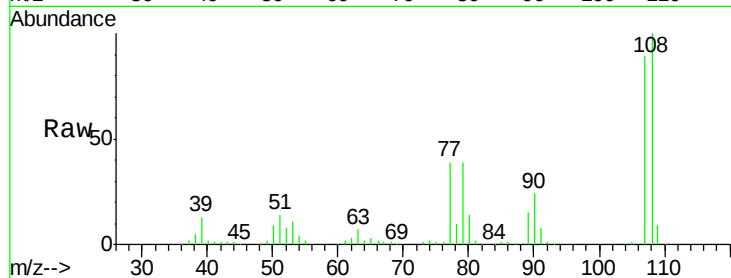




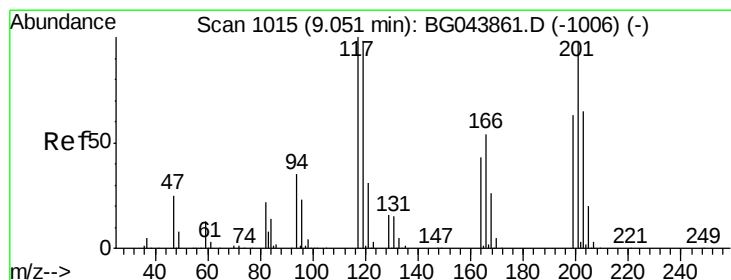
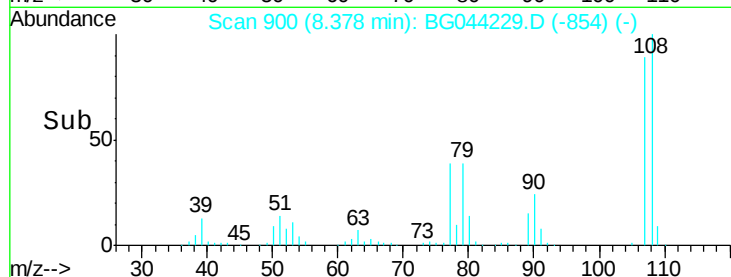
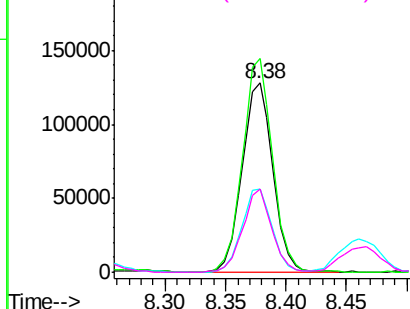
#17
2-Methylphenol
Concen: 42.569 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 225299
Ion Ratio Lower Upper
107 100
108 112.9 86.1 129.1
77 44.2 35.4 53.0
79 43.8 34.8 52.2

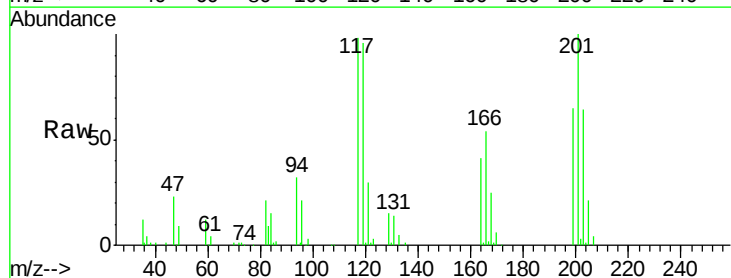


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

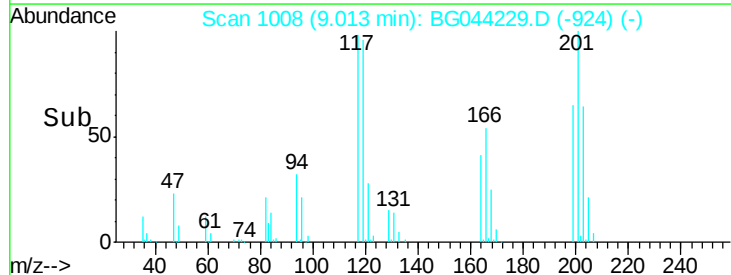
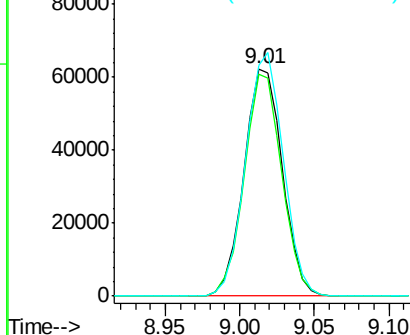


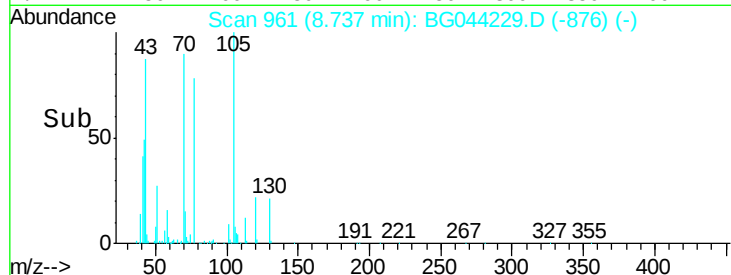
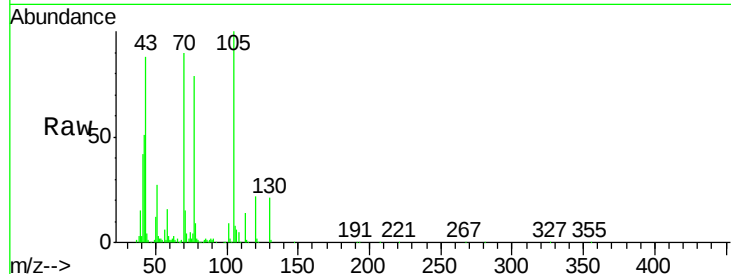
#18
Hexachloroethane
Concen: 41.277 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:117 Resp: 110560
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
201 101.8 78.6 117.8



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

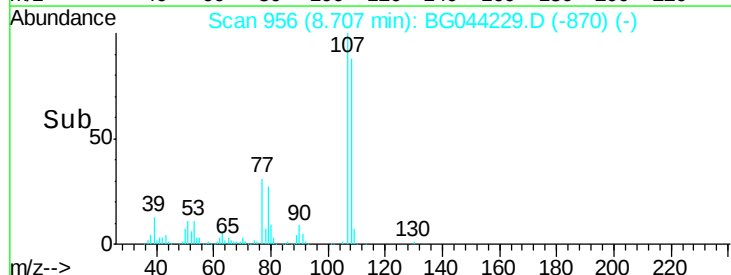
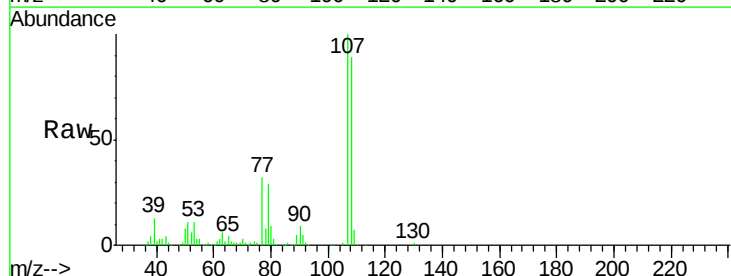
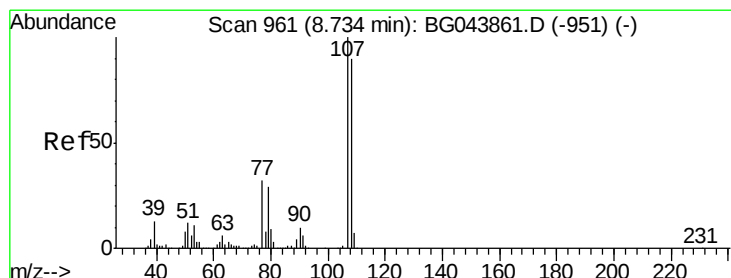
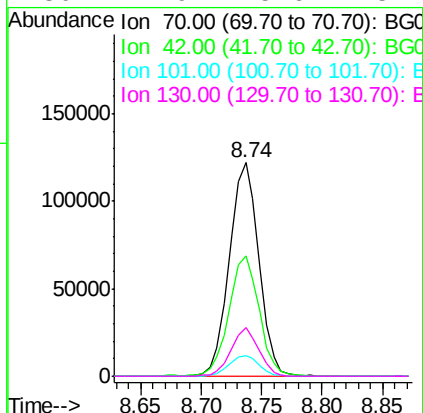




#19
n-Nitroso-di-n-propylamine
Concen: 39.066 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

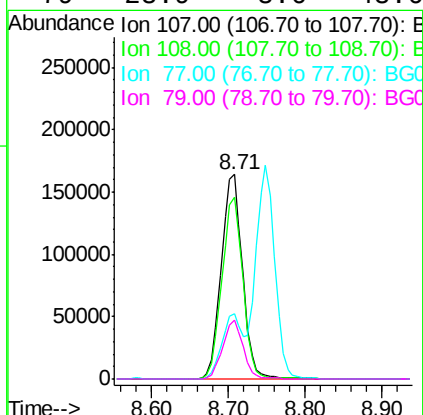
Instrument :
BNA_G
ClientSampleId :

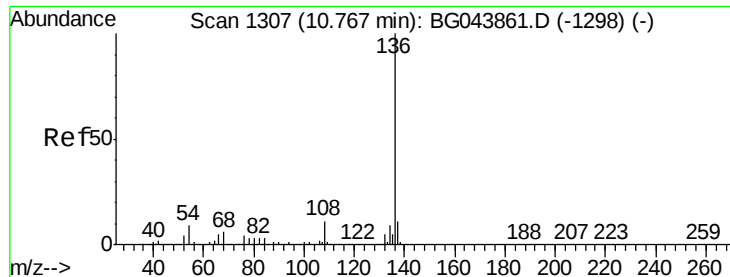
Tot Ion:	70	Resp:	206514
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.0	70.4
101	9.9	7.2	10.8
130	22.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 42.654 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:	107	Resp:	314927
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.3	110.3
77	31.8	12.4	52.4
79	28.9	8.6	48.6

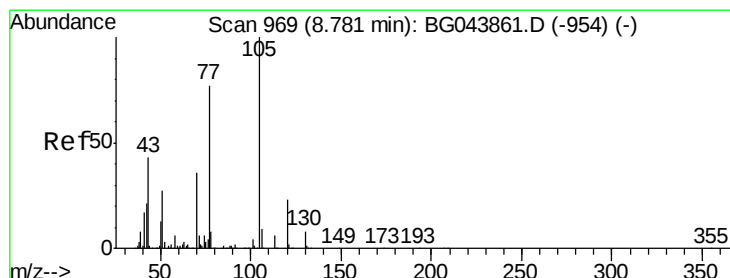
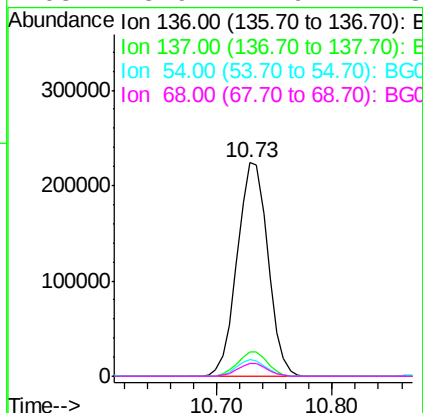
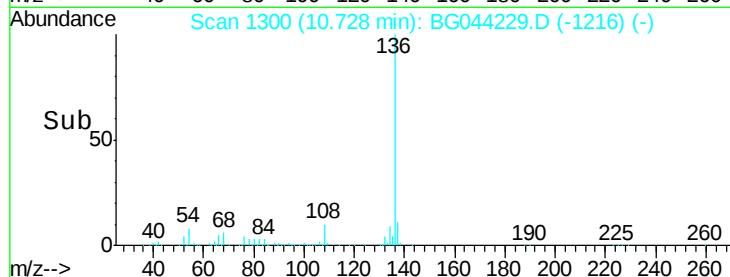
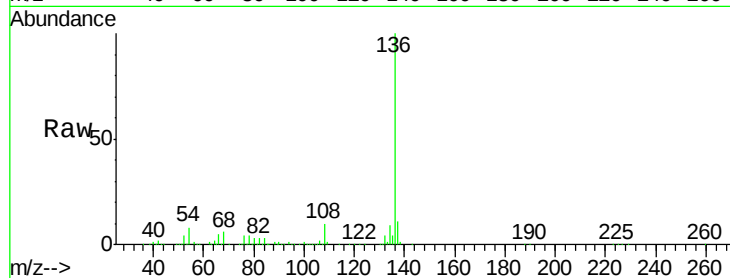




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

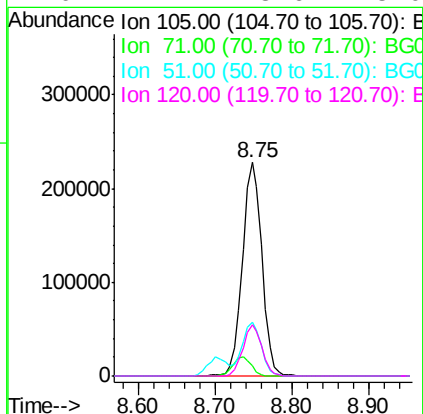
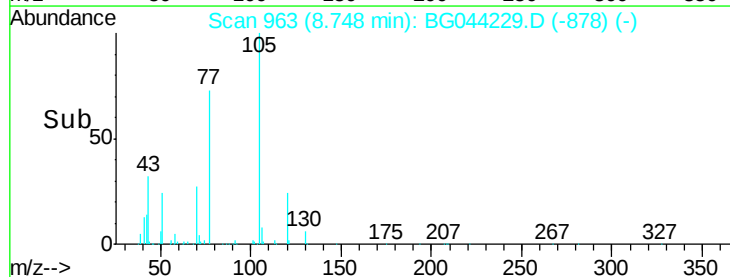
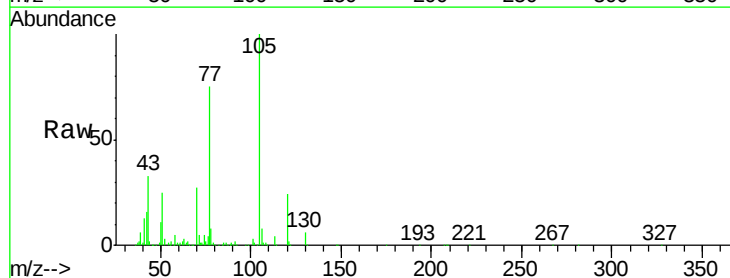
Instrument :
BNA_G
ClientSampleId :

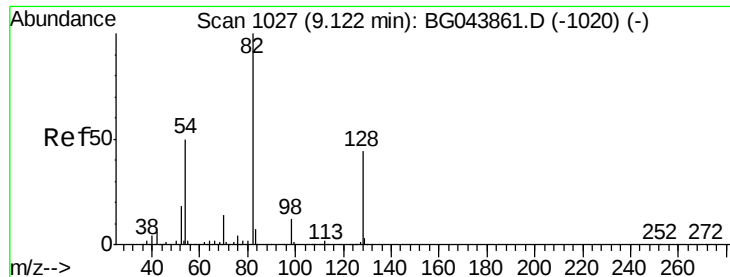
Tot Ion:136	Resp: 413207
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.8	7.0 10.4
68 5.9	4.9 7.3



#22
Acetophenone
Concen: 39.412 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt	Ion:105	Resp:	404867
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.8	7.2#
51	24.9	21.4	32.0
120	24.1	18.6	28.0

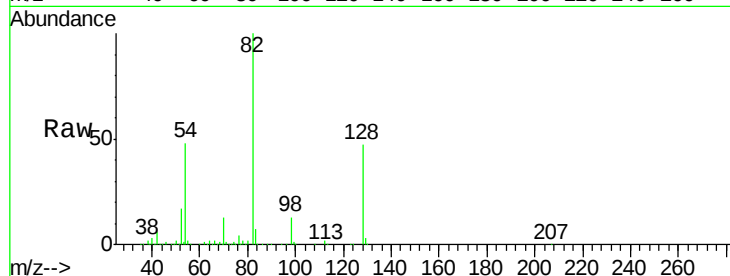




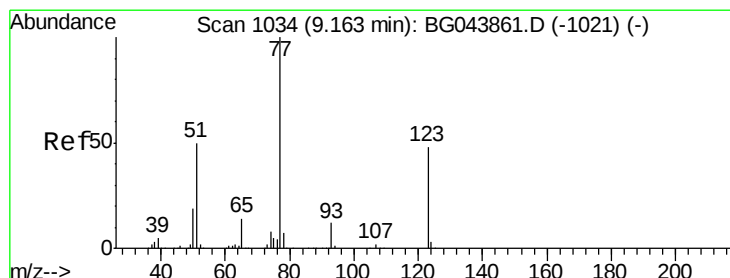
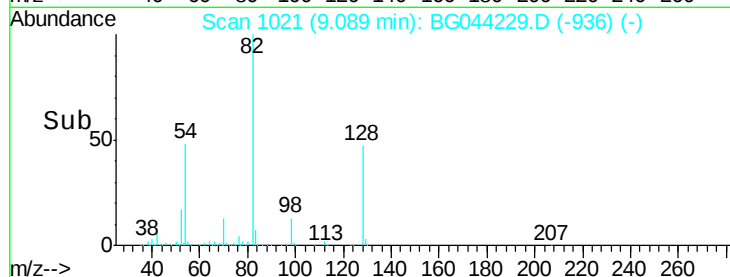
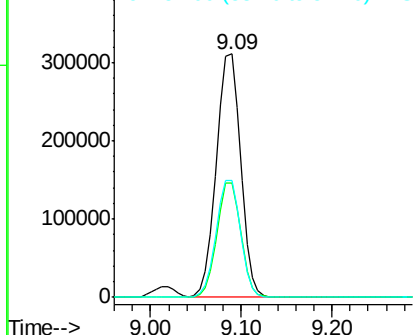
#23
Nitrobenzene-d5
Concen: 75.127 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 580290
Ion Ratio Lower Upper
82 100
128 46.9 35.1 52.7
54 48.0 40.1 60.1

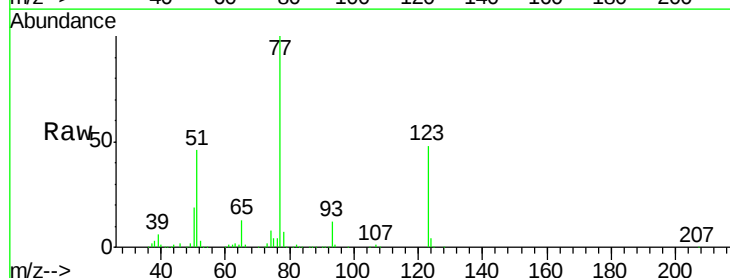


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

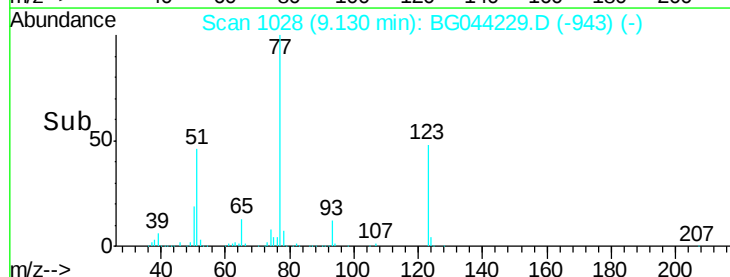
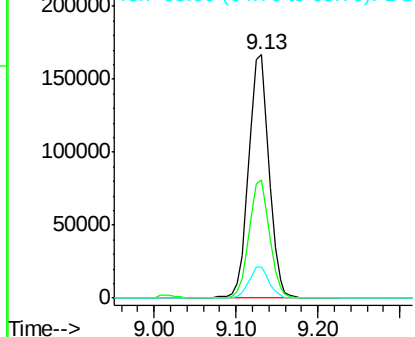


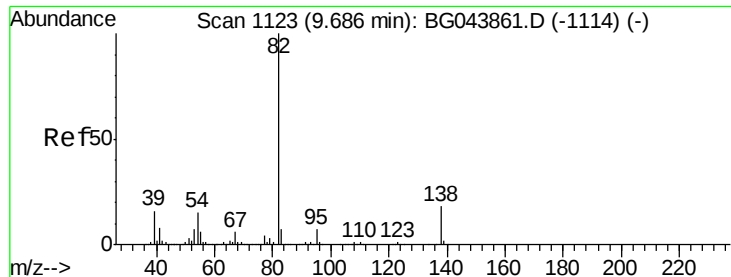
#24
Nitrobenzene
Concen: 38.073 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion: 77 Resp: 291262
Ion Ratio Lower Upper
77 100
123 48.4 38.7 58.1
65 12.8 11.1 16.7



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





#25

Isophorone

Concen: 38.100 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

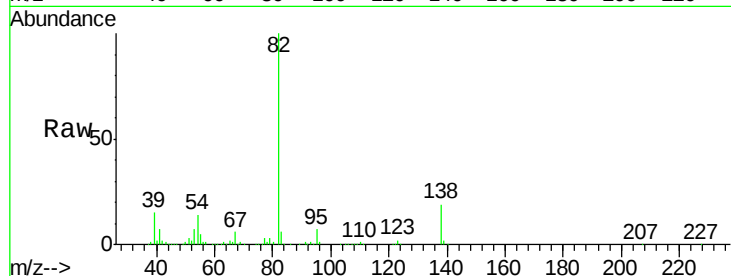
Tot Ion: 82 Resp: 552119

Ion Ratio Lower Upper

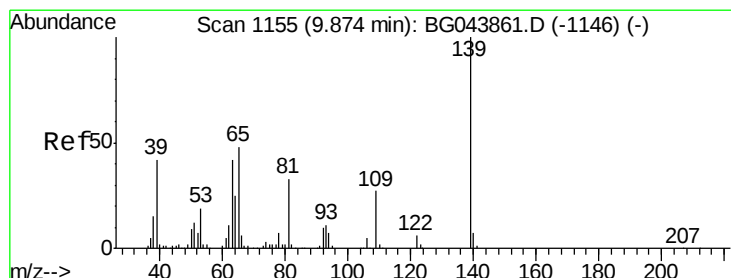
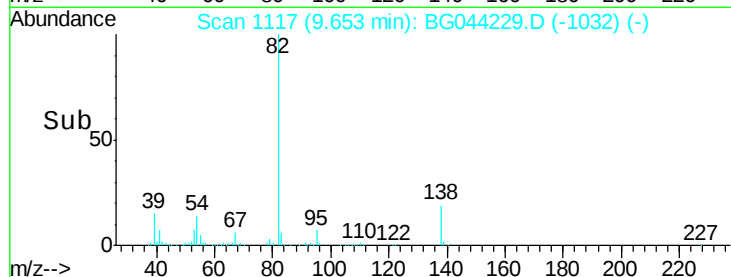
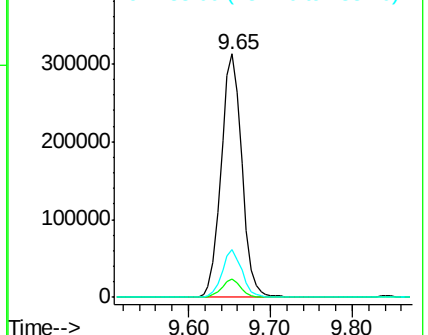
82 100

95 7.4 5.8 8.6

138 19.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.876 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

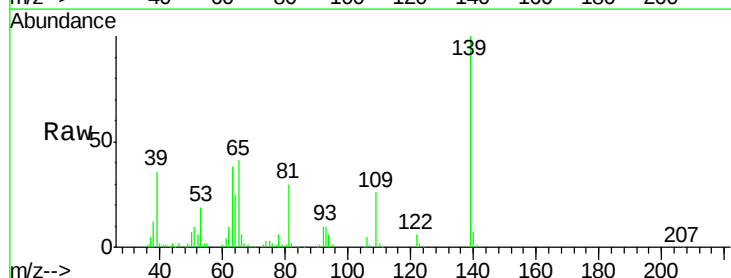
Tgt Ion: 139 Resp: 155186

Ion Ratio Lower Upper

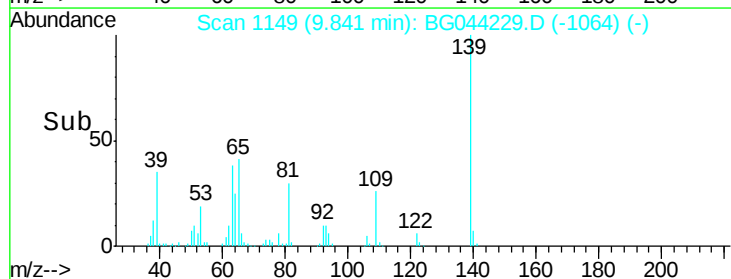
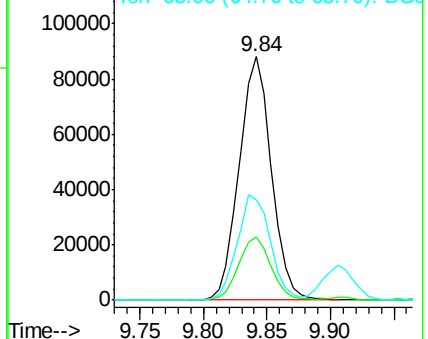
139 100

109 26.1 21.3 31.9

65 41.0 38.6 57.8



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

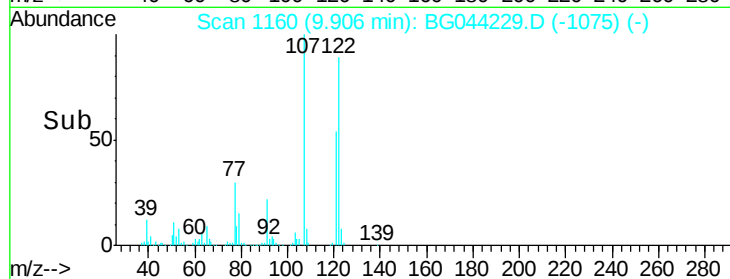
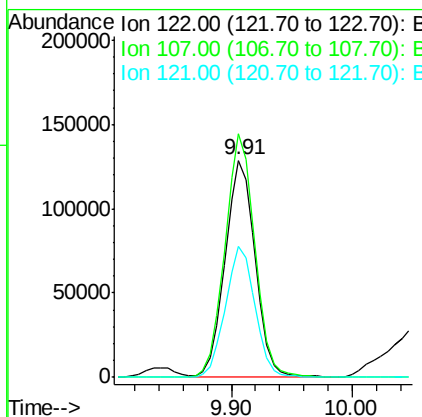
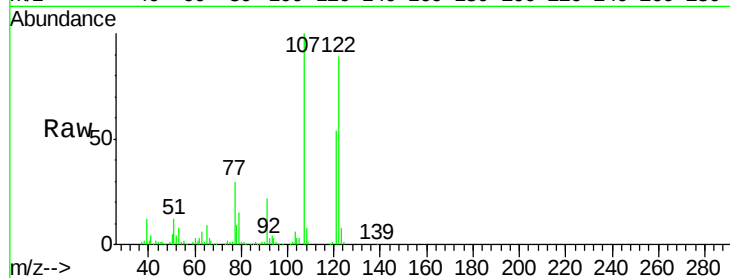




#27
 2,4-Dimethylphenol
 Concen: 40.513 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

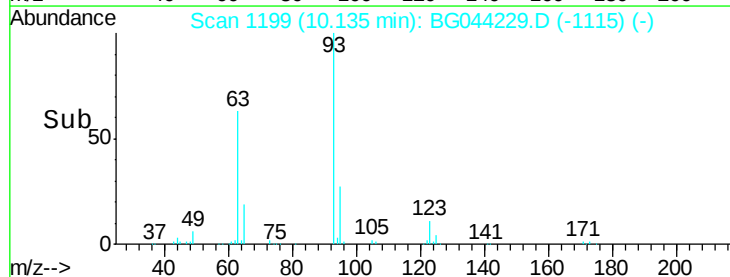
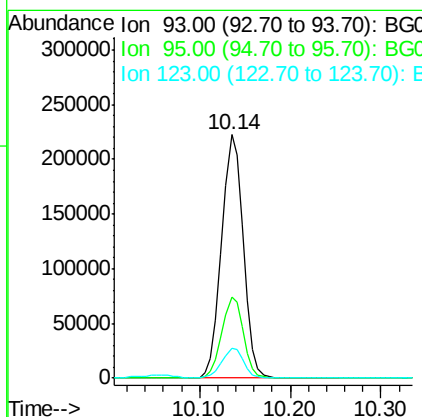
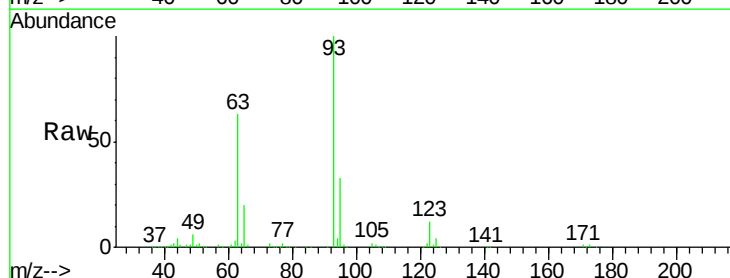
Instrument :
 BNA_G
 ClientSampleId :

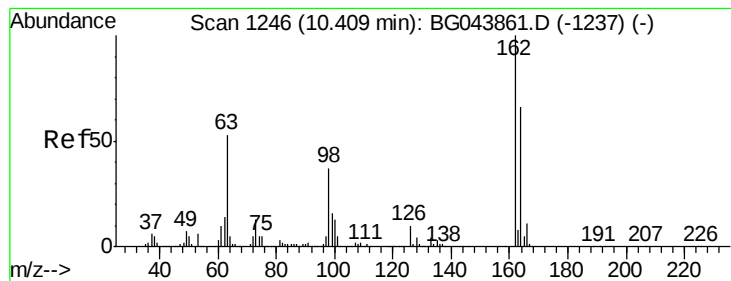
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	88.0	132.0
121	60.5	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.250 ng
 RT: 10.14 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	12.1	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 41.779 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

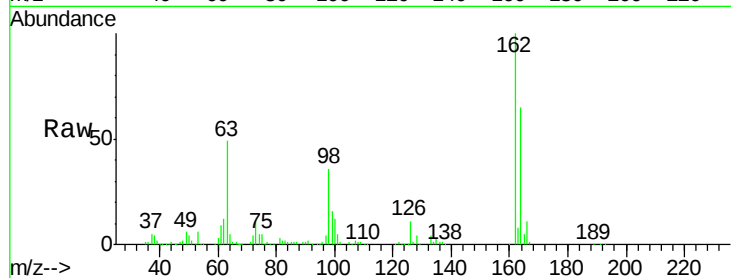
Tot Ion:162 Resp: 271515

Ion Ratio Lower Upper

162 100

164 64.7 46.3 86.3

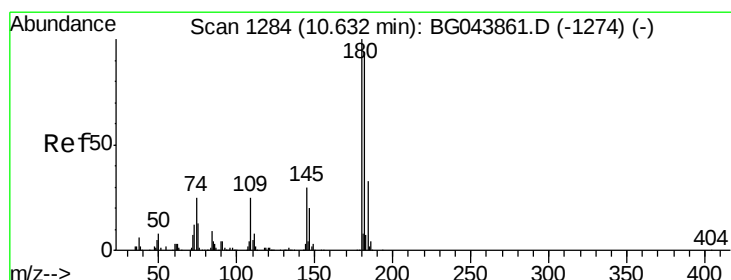
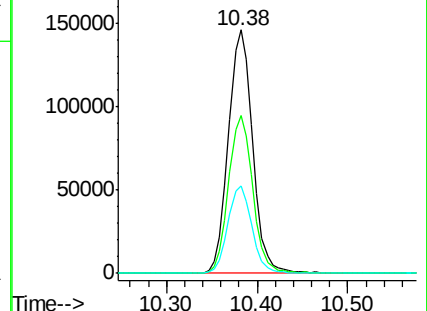
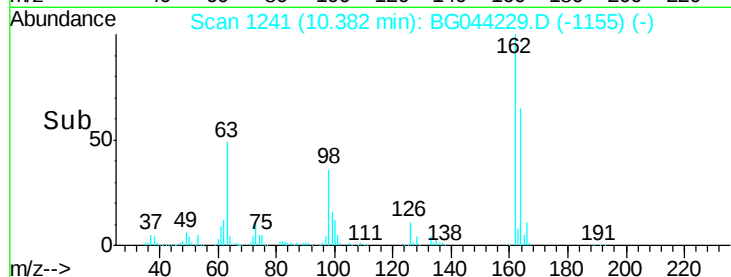
98 35.8 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.944 ng

RT: 10.59 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

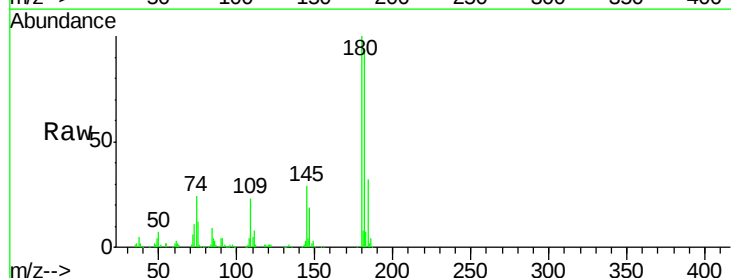
Tgt Ion:180 Resp: 298349

Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.4

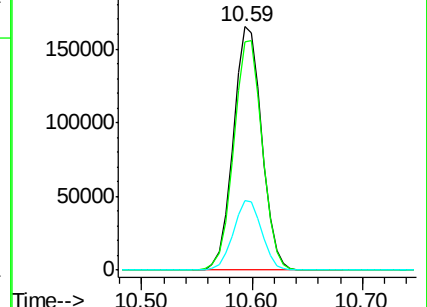
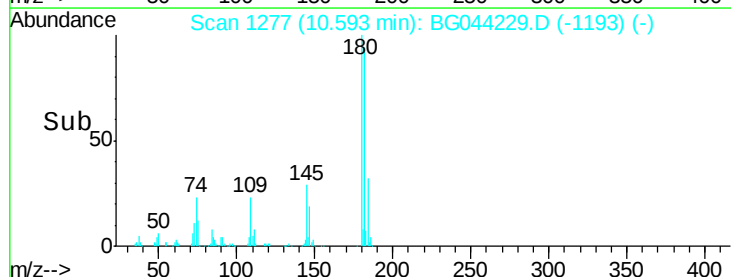
145 28.5 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

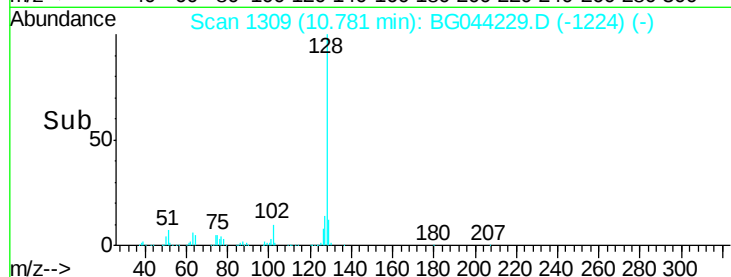
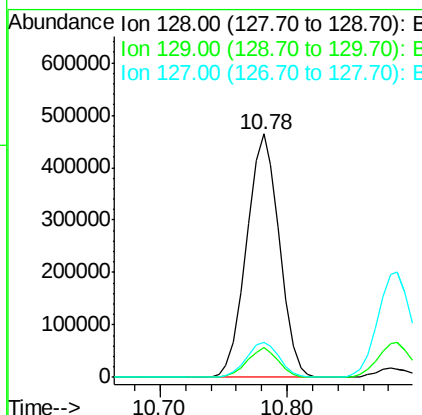
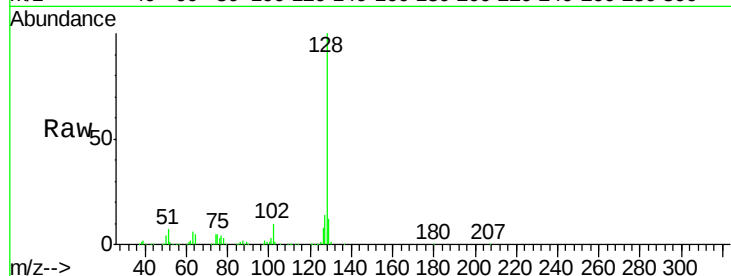




#31
Naphthalene
Concen: 41.563 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

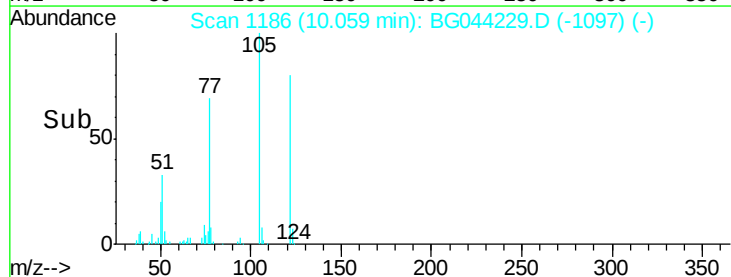
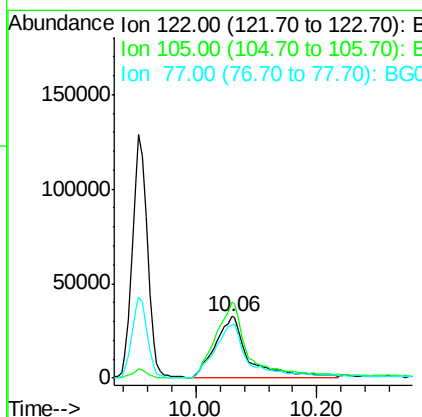
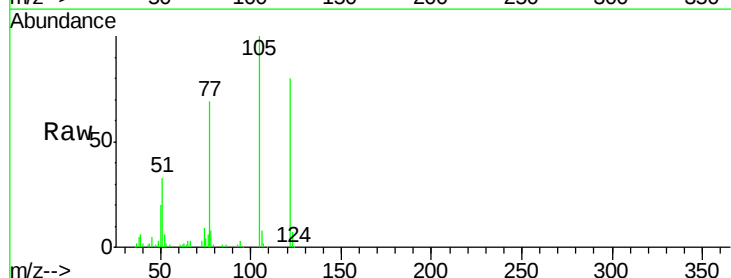
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.4	12.0	18.0



#32
Benzoic acid
Concen: 30.123 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	106.4	146.4
77	86.4	74.6	114.6

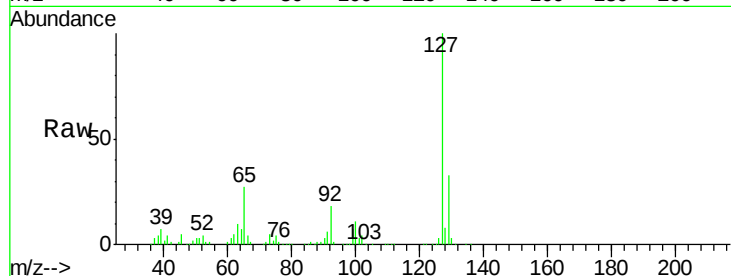




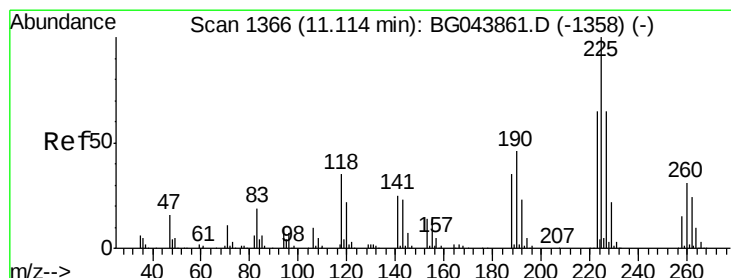
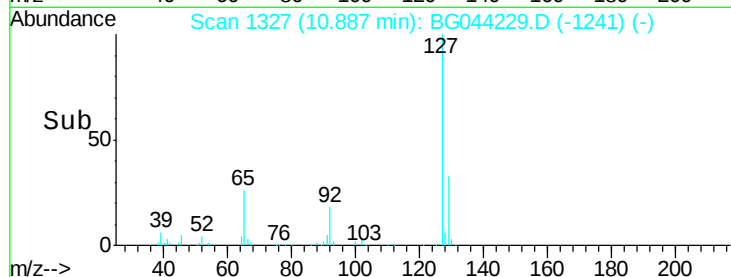
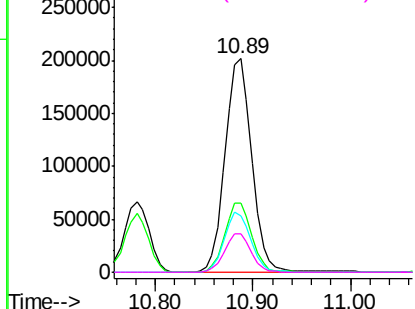
#33
4-Chloroaniline
Concen: 40.031 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	381785
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	26.6	23.3	34.9
92	18.0	14.7	22.1

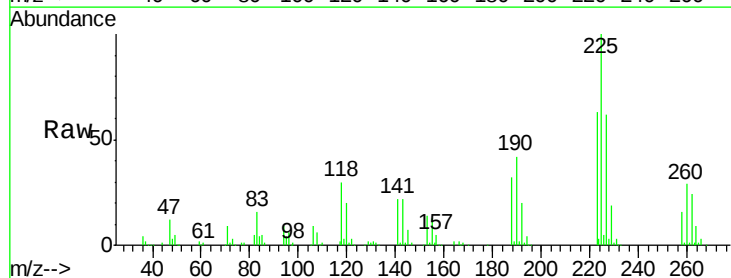


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

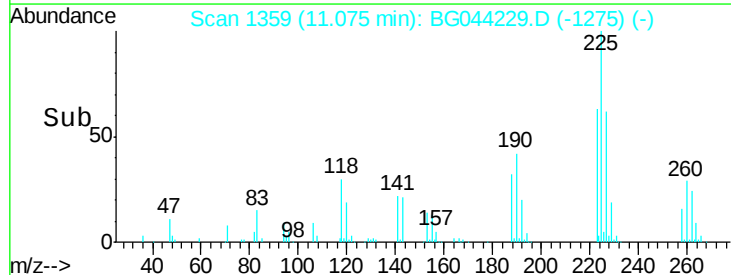
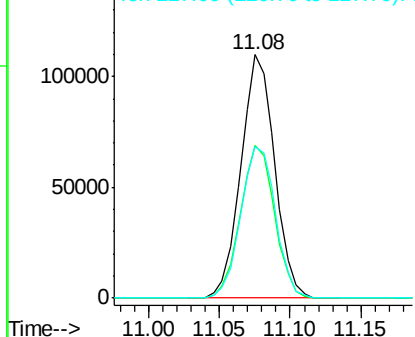


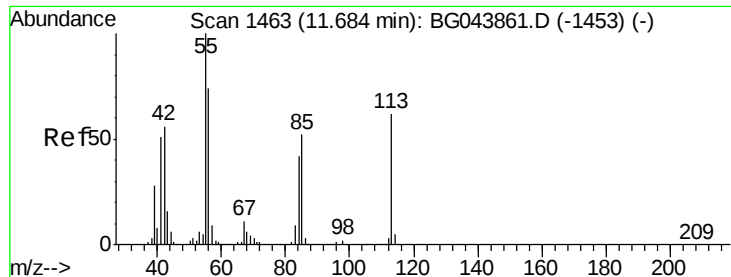
#34
Hexachlorobutadiene
Concen: 41.178 ng
RT: 11.08 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:	225	Resp:	183200
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.4
227	62.0	52.1	78.1



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





#35

Caprolactam

Concen: 40.586 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

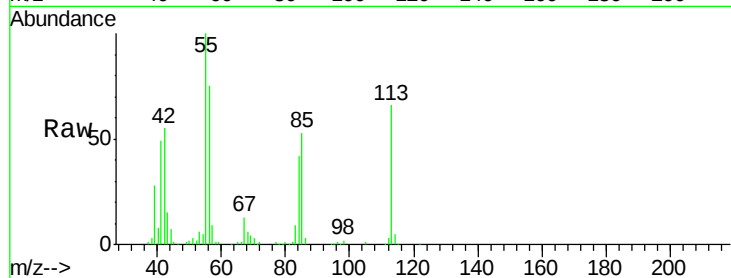
Tot Ion:113 Resp: 98191

Ion Ratio Lower Upper

113 100

55 151.8 142.5 182.5

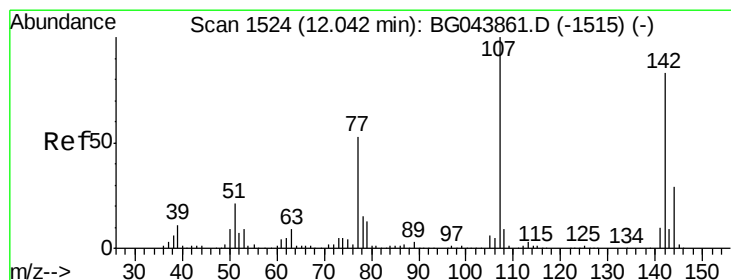
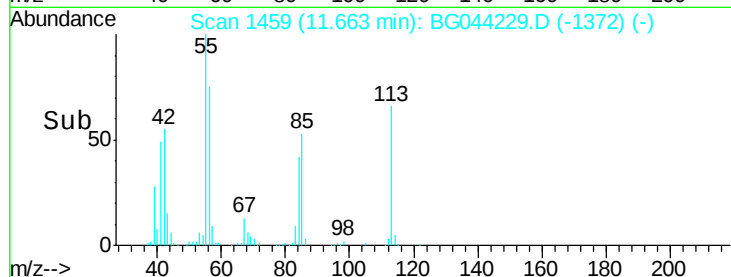
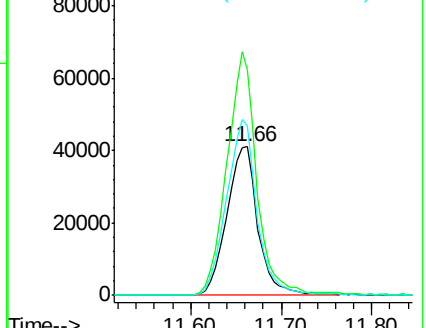
56 114.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.316 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

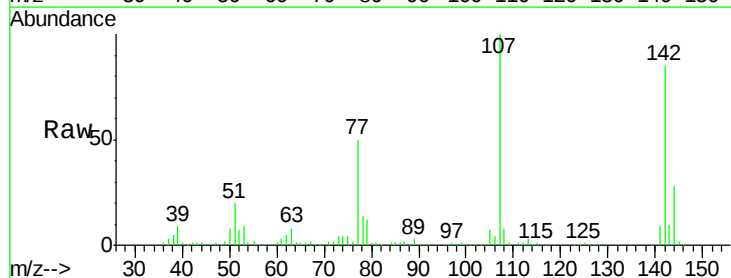
Tgt Ion:107 Resp: 292762

Ion Ratio Lower Upper

107 100

144 27.6 23.4 35.2

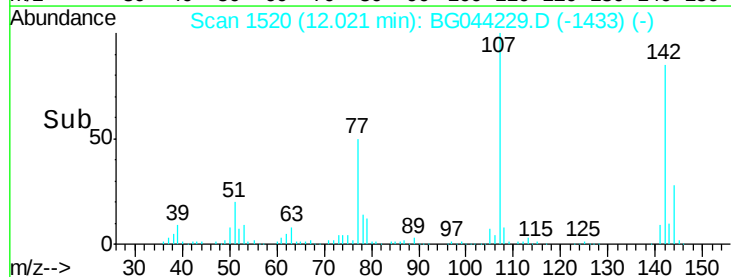
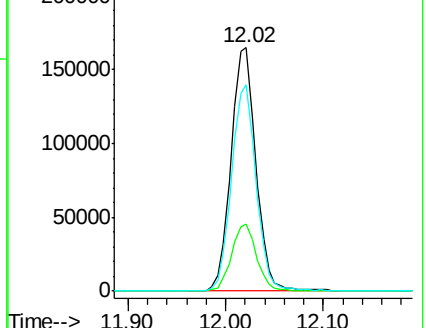
142 84.8 66.3 99.5

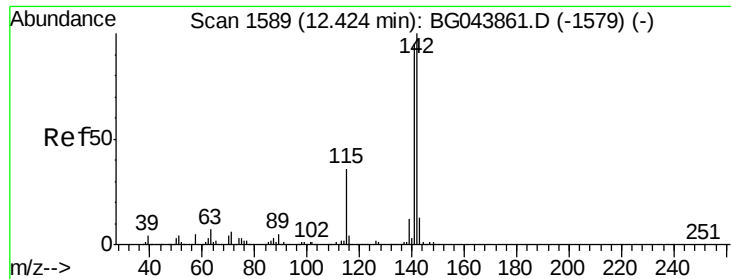


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

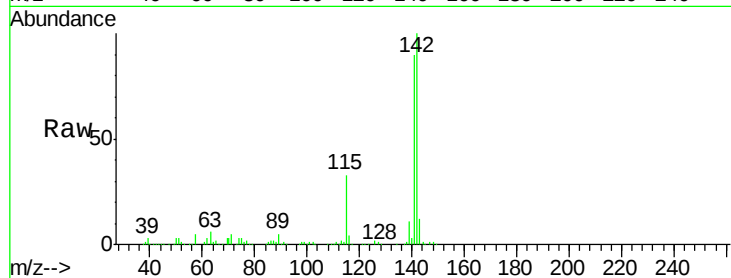




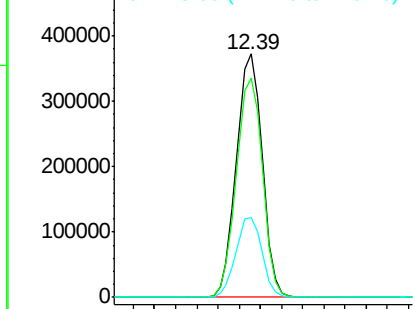
#37
2-Methylnaphthalene
Concen: 41.880 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampled :

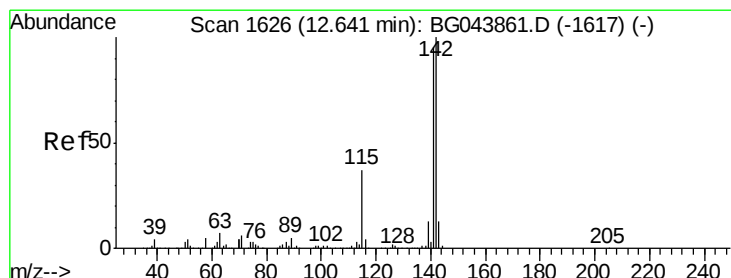
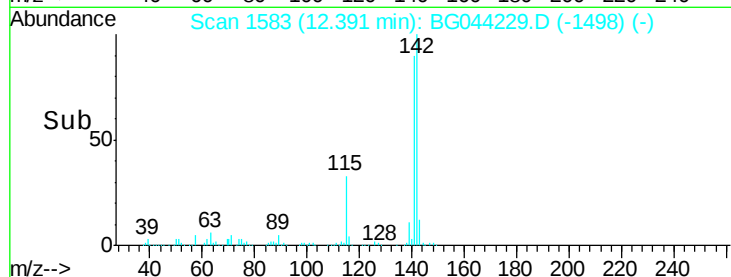
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	75.8	113.8
115	32.7	28.6	42.8



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

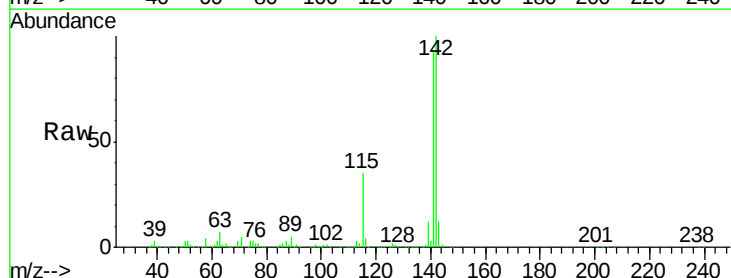


Time-->

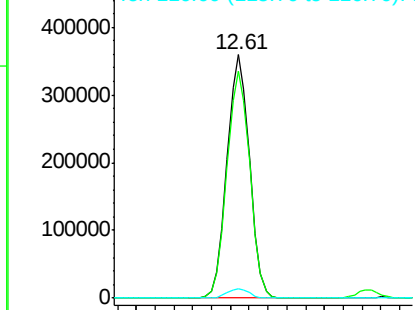


#38
1-Methylnaphthalene
Concen: 41.796 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

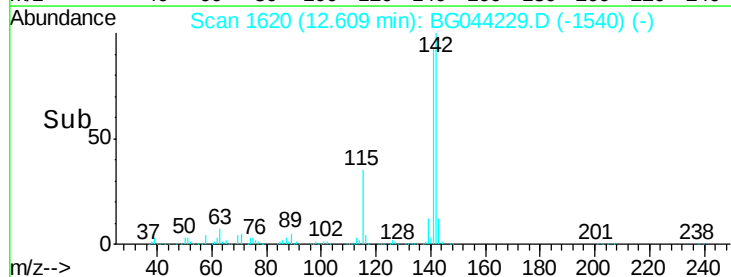
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.0	114.0
116	3.6	3.1	4.7

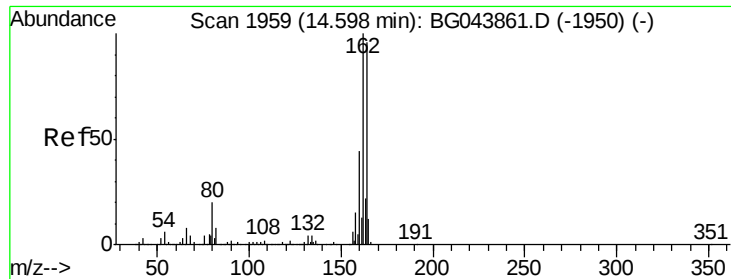


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

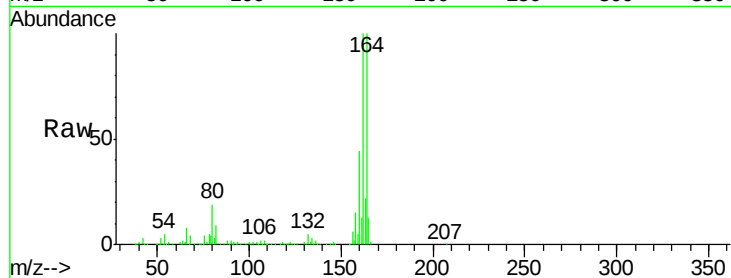
Tot Ion:164 Resp: 278543

Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

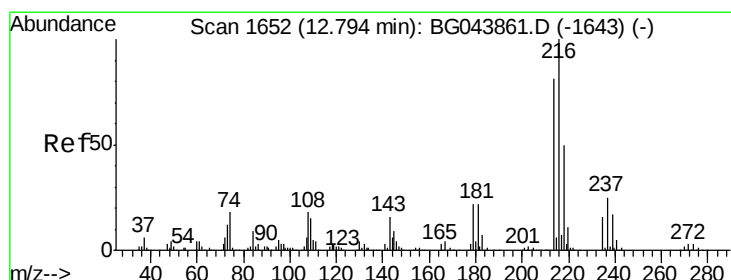
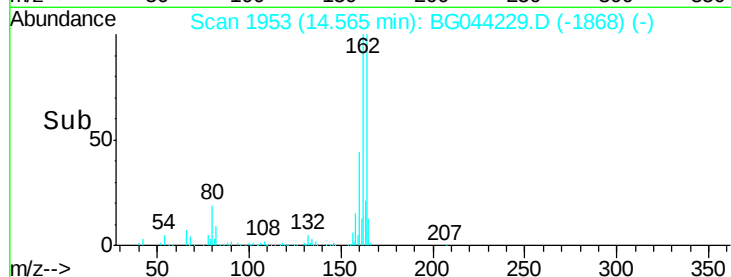
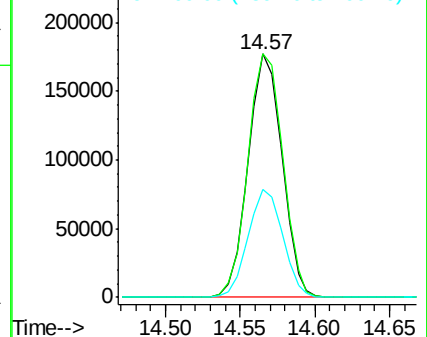
160 44.4 36.1 54.1



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: 40.632 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Tgt Ion:216 Resp: 331722

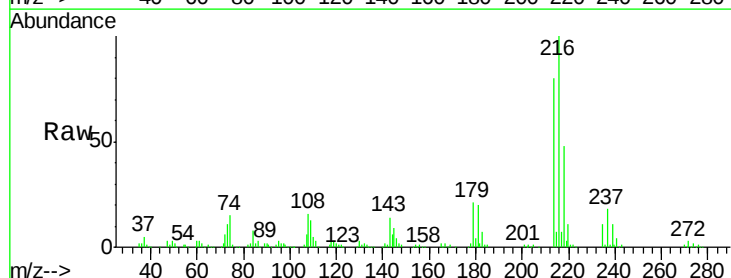
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 21.2 17.3 25.9

108 17.4 15.3 22.9

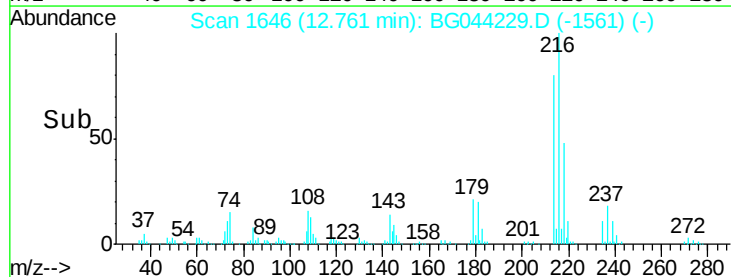
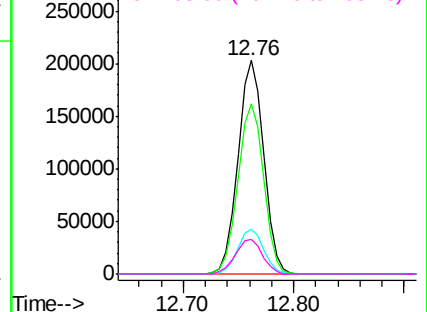


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.365 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

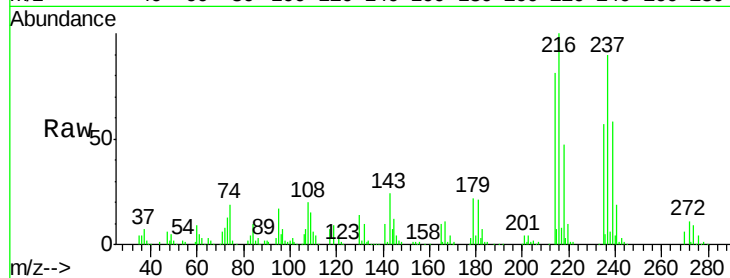
Tot Ion:237 Resp: 162385

Ion Ratio Lower Upper

237 100

235 63.0 41.1 81.1

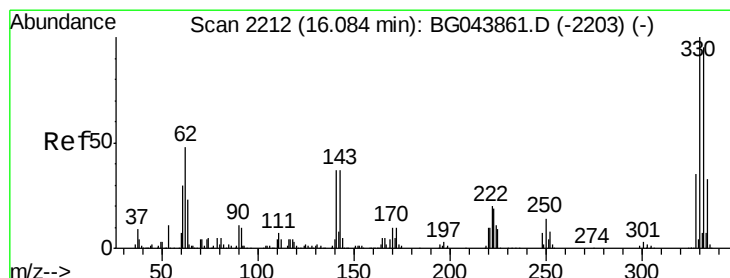
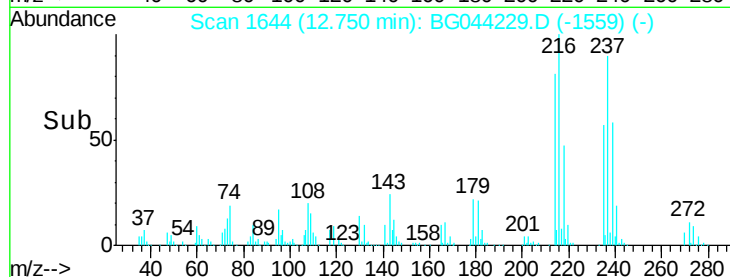
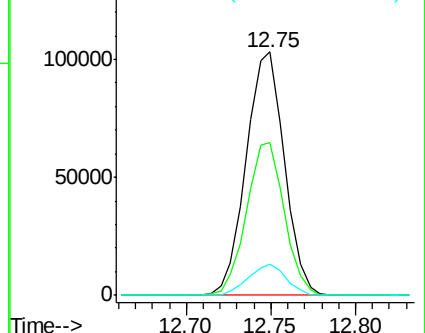
272 12.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.637 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

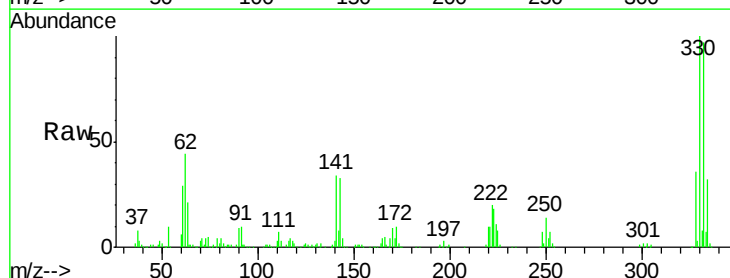
Tgt Ion:330 Resp: 270027

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

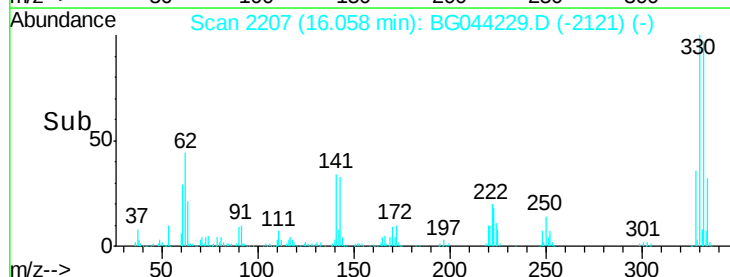
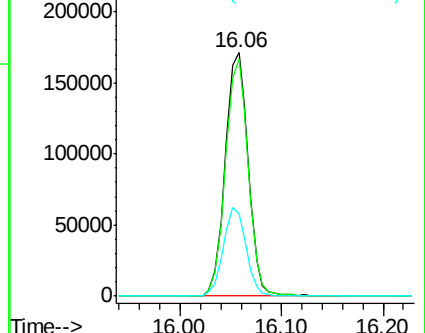
141 36.0 33.1 49.7

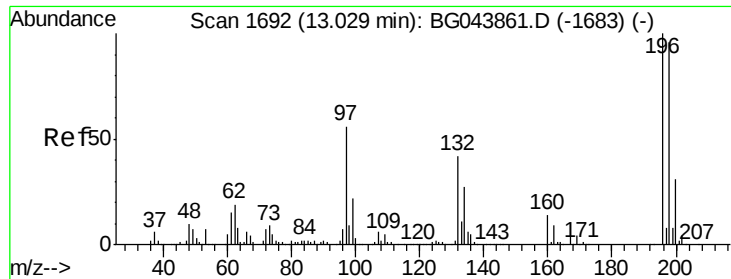


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

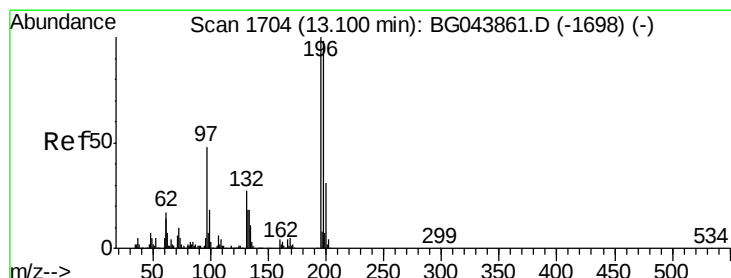
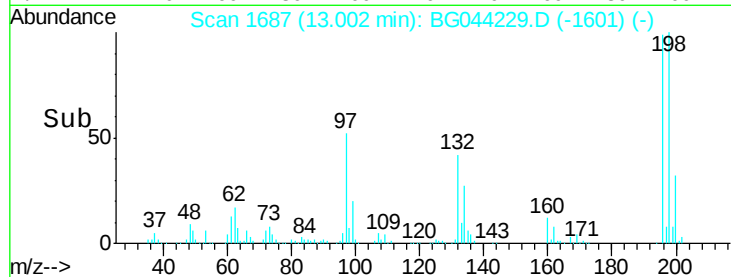
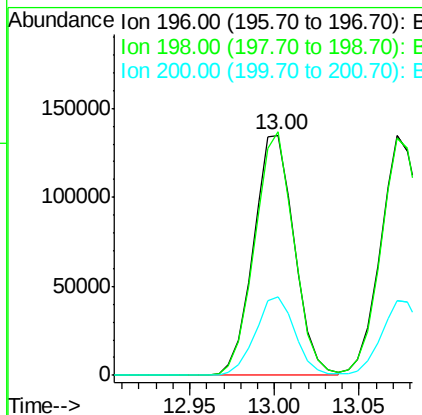
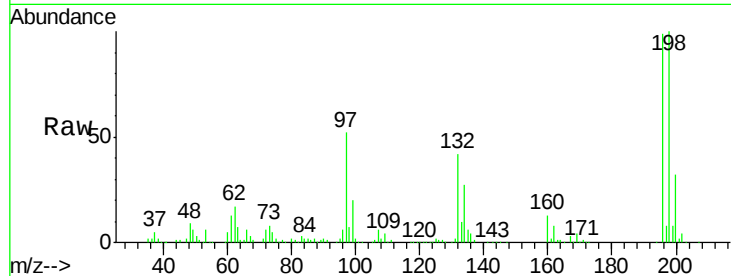




#43
 2,4,6-Trichlorophenol
 Concen: 40.188 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

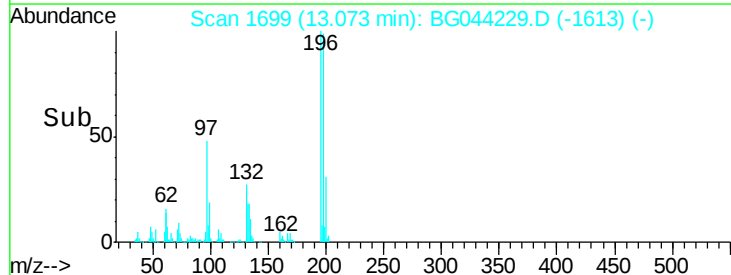
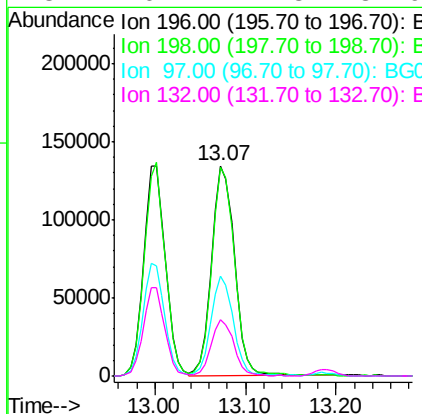
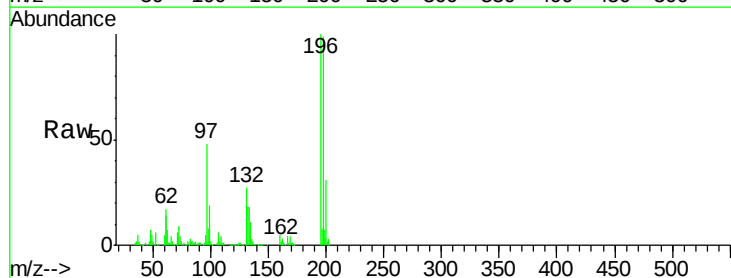
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 225757
 Ion Ratio Lower Upper
 196 100
 198 101.5 76.6 115.0
 200 32.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.757 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion:196 Resp: 236141
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.3 117.5
 97 47.8 38.8 58.2
 132 26.7 21.3 31.9



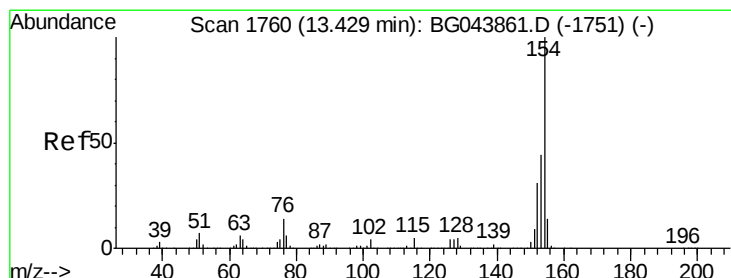
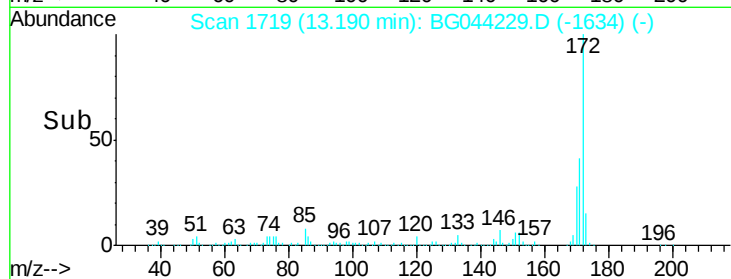
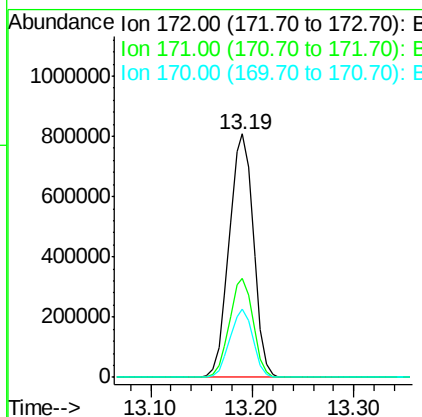
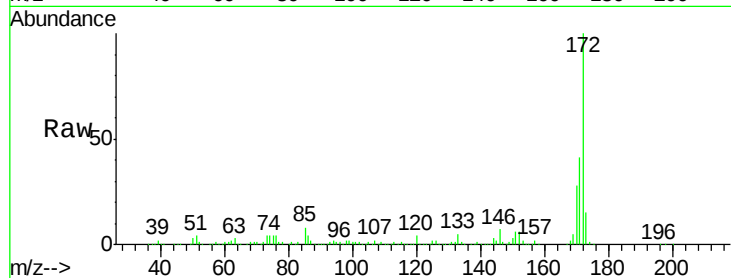


#45
 2-Fluorobiphenyl
 Concen: 87.114 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1339302

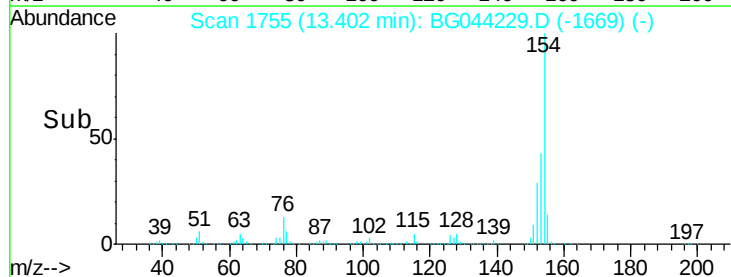
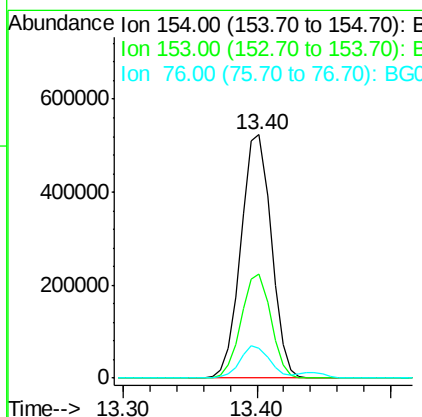
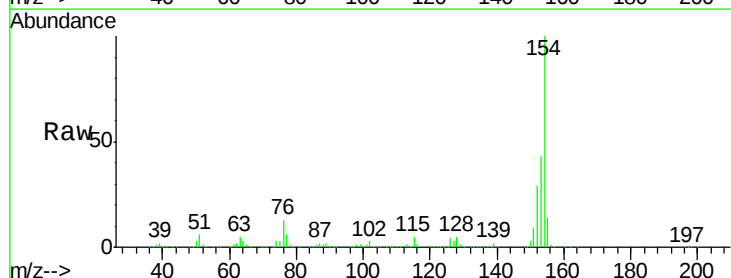
Ion	Ratio	Lower	Upper
172	100		
171	40.7	35.8	53.8
170	27.9	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 41.211 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion:154 Resp: 823023

Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.6	63.6
76	12.5	0.0	34.4

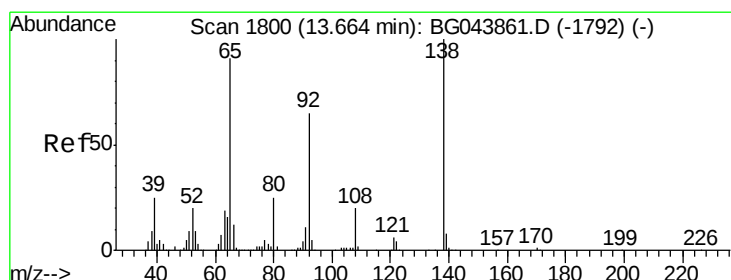
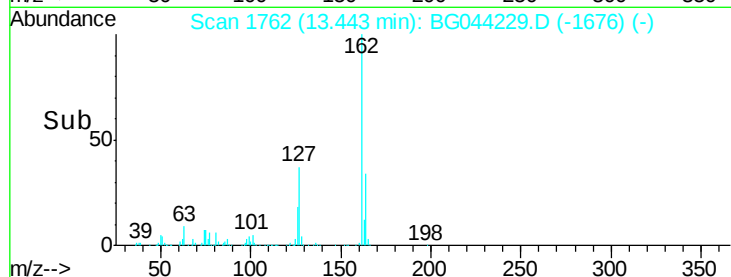
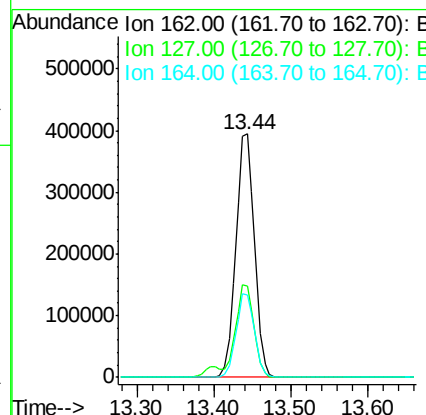
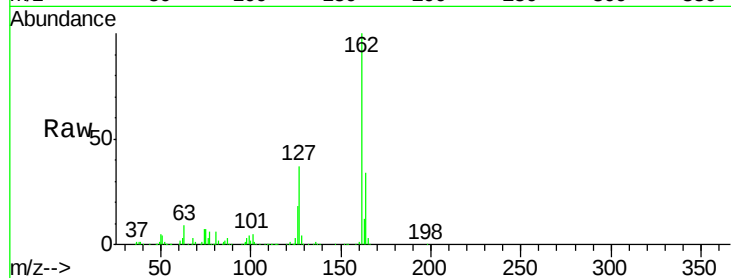




#47
2-Chloronaphthalene
Concen: 41.146 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

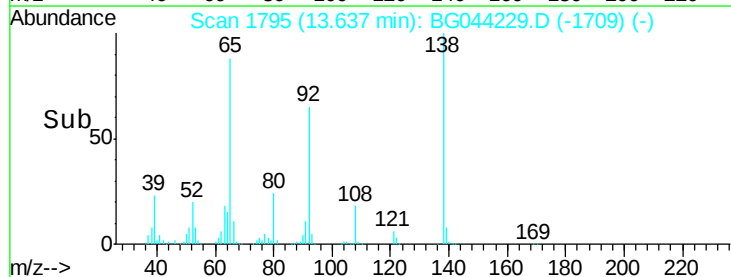
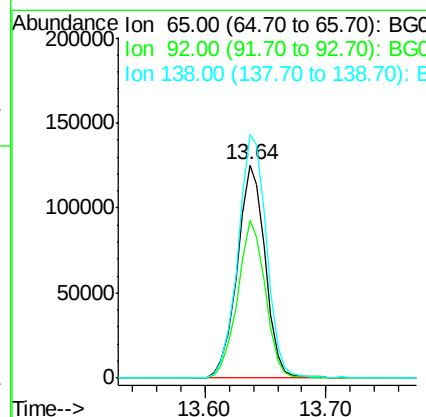
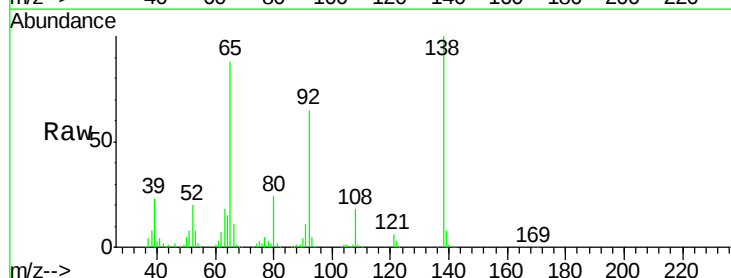
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	32.1	48.1
164	34.0	27.5	41.3



#48
2-Nitroaniline
Concen: 38.811 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.4	86.2
138	114.3	88.2	132.4





#49

Acenaphthylene

Concen: 41.999 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

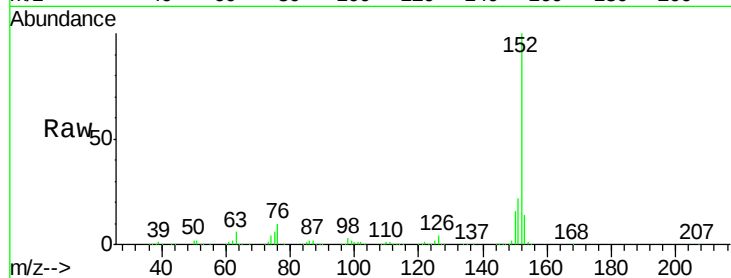
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 974165

Ion	Ratio	Lower	Upper
152	100		
151	22.3	19.4	29.2
153	14.3	12.0	18.0

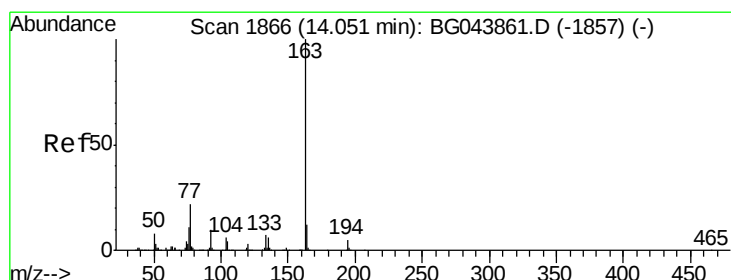
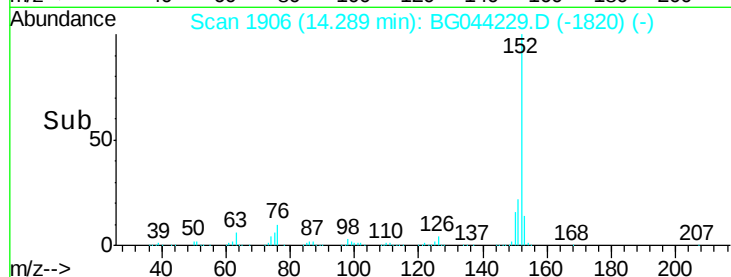
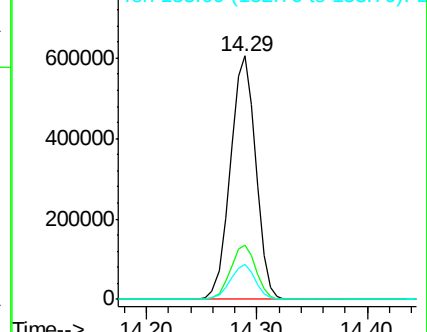


Abundance

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: 41.895 ng

RT: 14.02 min Scan# 1861

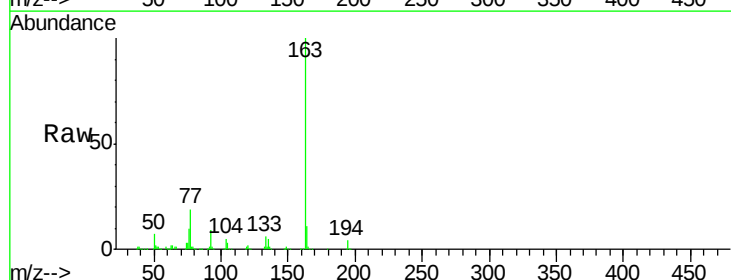
Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Tgt Ion:163 Resp: 828576

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.7	9.3	13.9

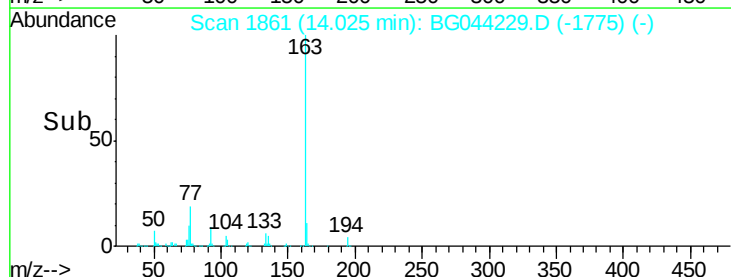
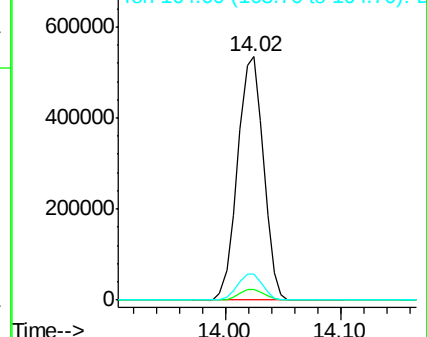


Abundance

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

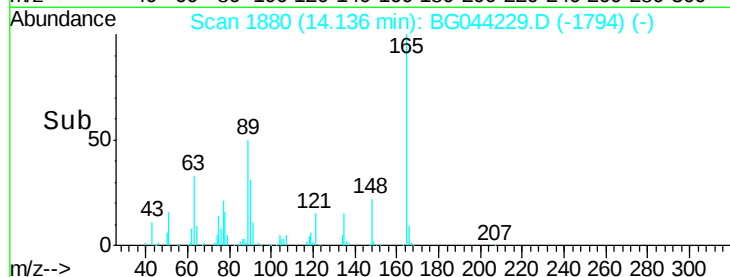
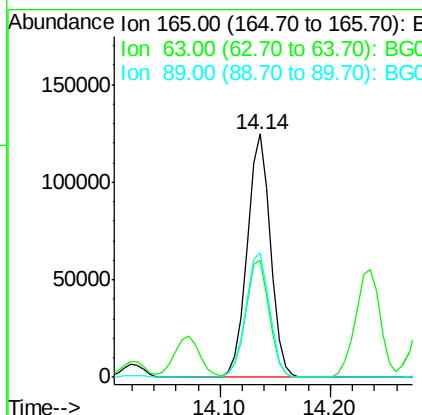
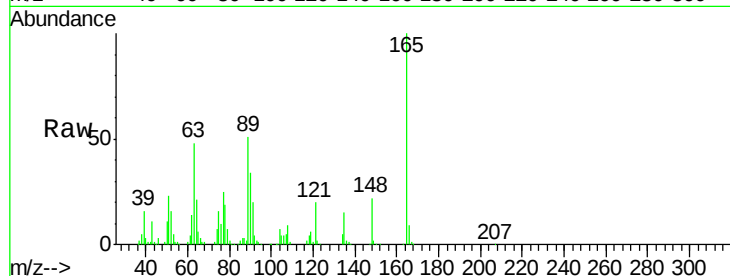




#51
 2,6-Dinitrotoluene
 Concen: 41.105 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

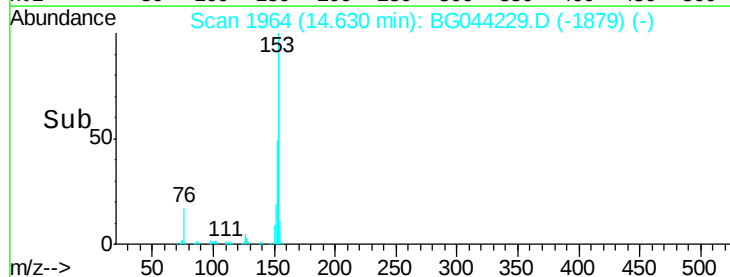
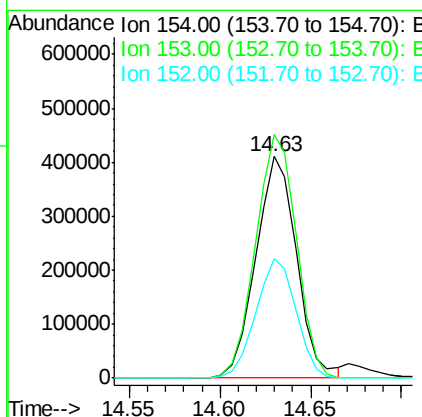
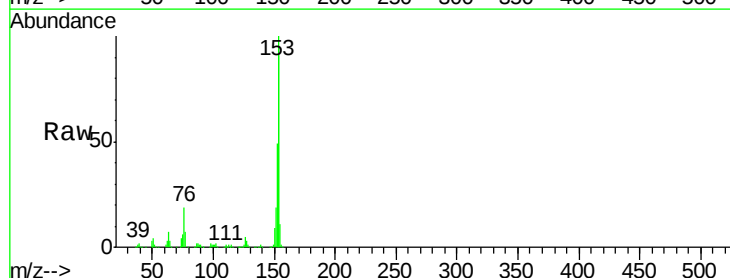
Instrument :
 BNA_G
 ClientSampleId :

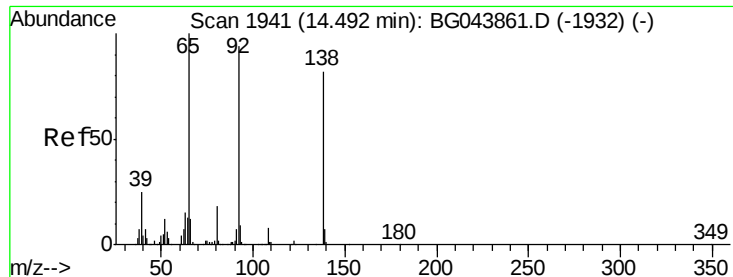
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	43.1	64.7
89	51.1	43.8	65.6



#52
 Acenaphthene
 Concen: 39.432 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.6	137.4
152	54.1	45.4	68.0





#53

3-Nitroaniline

Concen: 40.565 ng

RT: 14.47 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

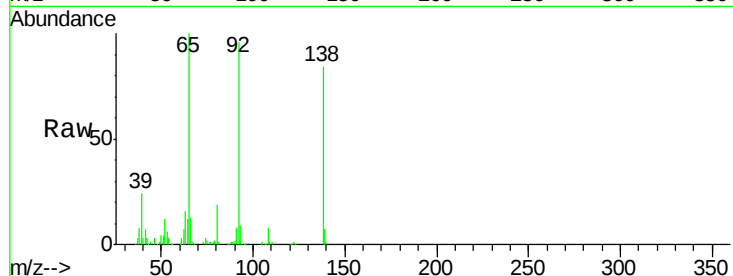
Tot Ion:138 Resp: 205918

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.2

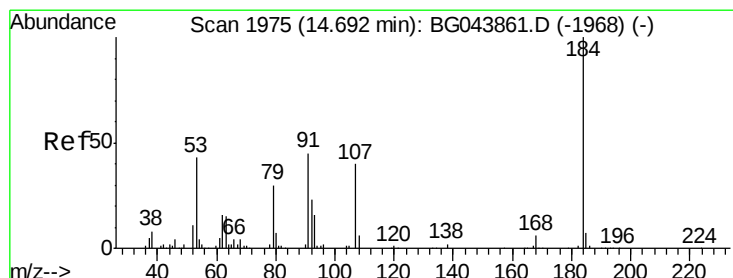
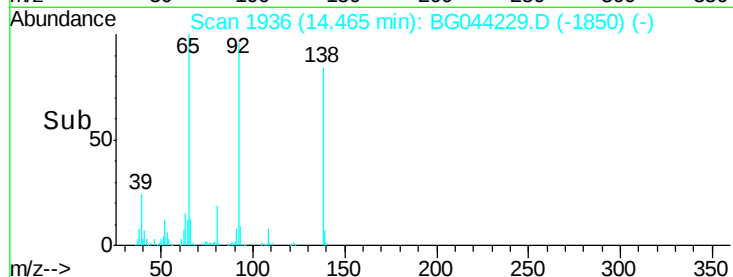
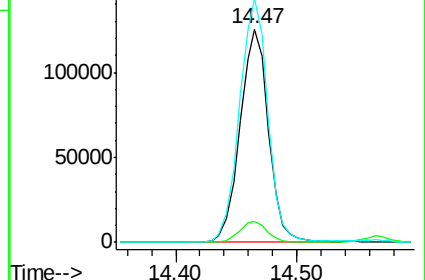
92 114.1 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.542 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

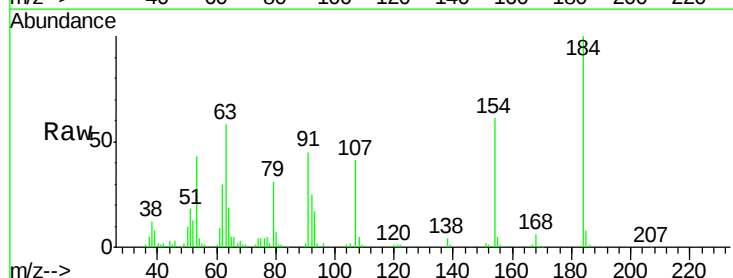
Tgt Ion:184 Resp: 75936

Ion Ratio Lower Upper

184 100

63 57.8 46.6 70.0

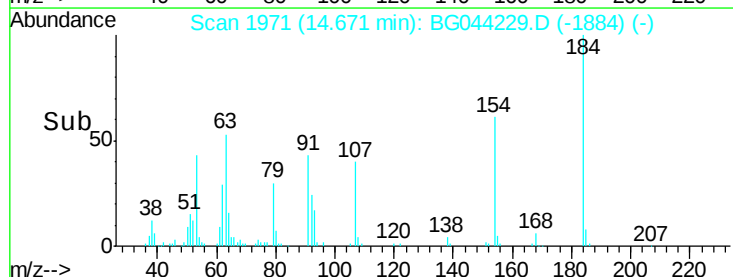
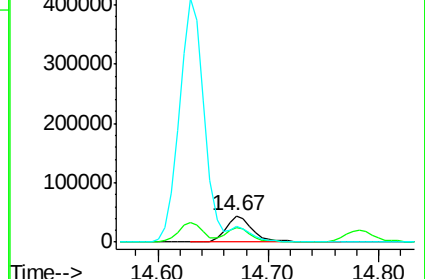
154 60.8 50.2 75.4

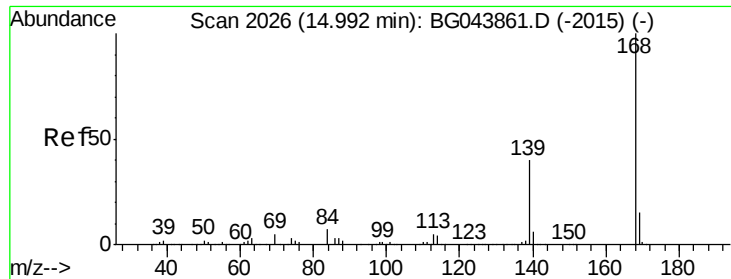


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

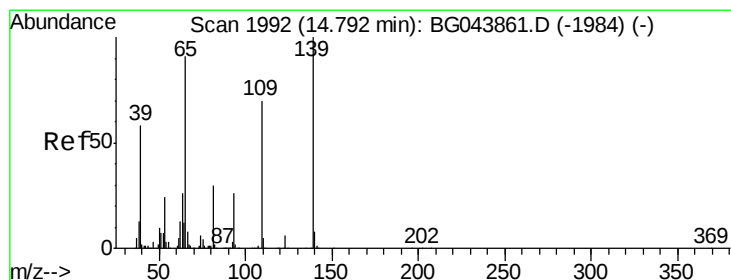
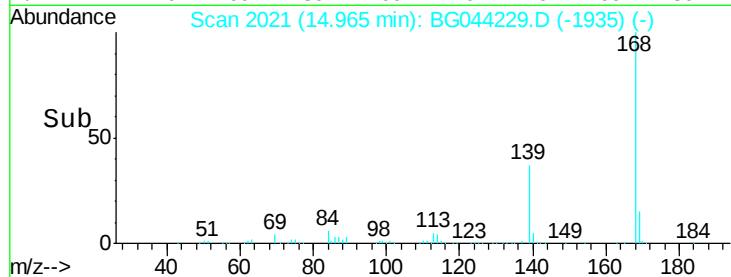
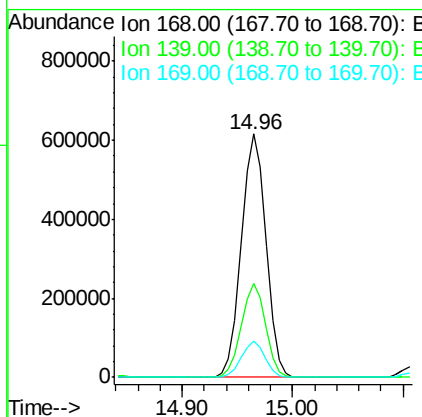
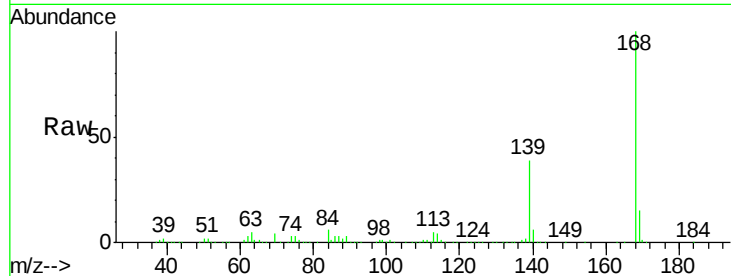




#55
Dibenzofuran
Concen: 43.218 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

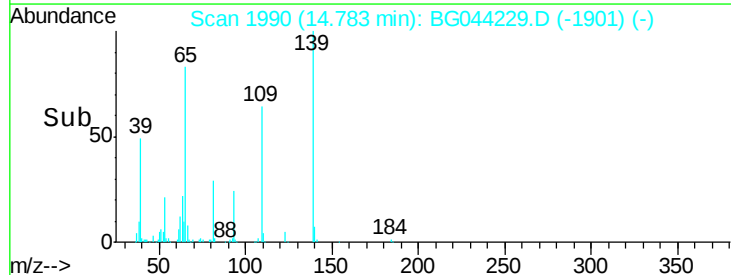
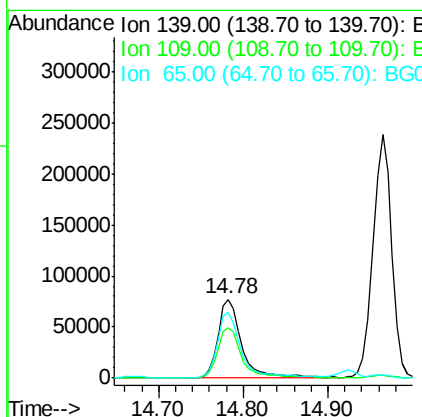
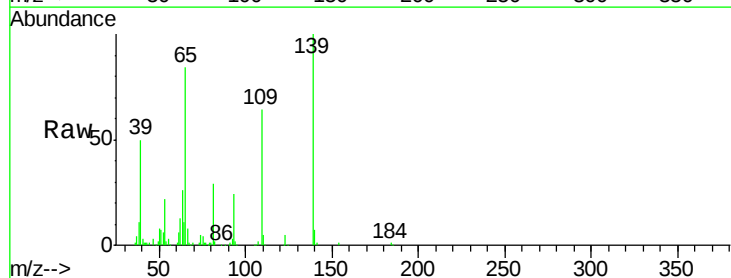
Instrument :
BNA_G
ClientSampled :

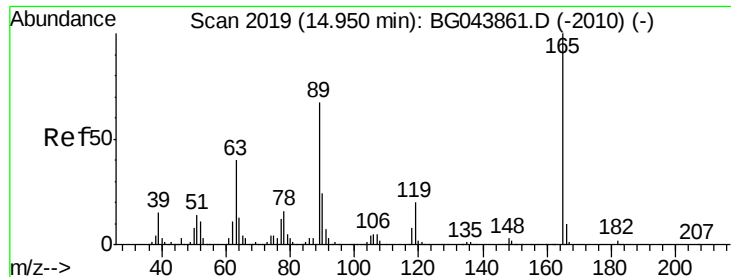
Tot Ion:168 Resp: 967749
Ion Ratio Lower Upper
168 100
139 38.7 32.2 48.2
169 15.0 12.2 18.2



#56
4-Nitrophenol
Concen: 39.172 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:139 Resp: 152380
Ion Ratio Lower Upper
139 100
109 63.8 50.4 90.4
65 83.7 71.4 111.4

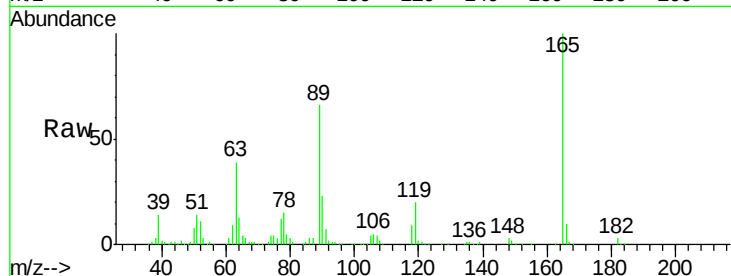




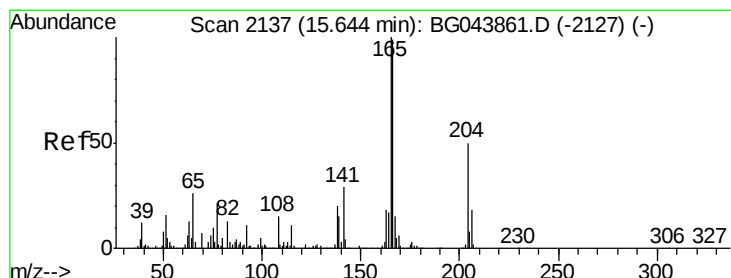
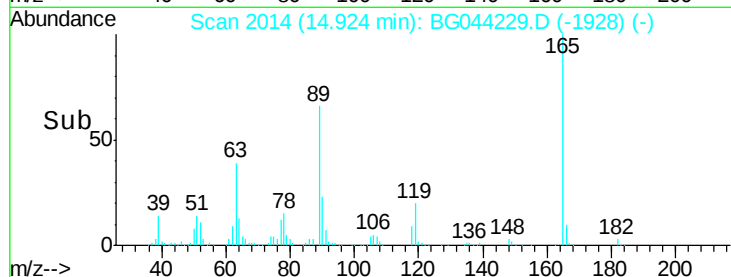
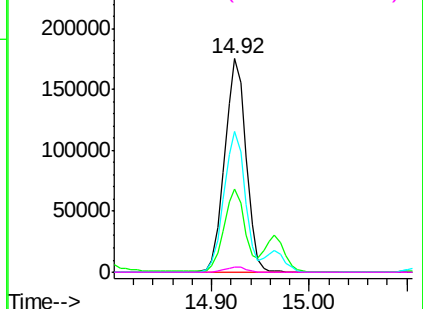
#57
2,4-Dinitrotoluene
Concen: 43.557 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	264941
Ion	Ratio	Lower Upper
165	100	
63	38.8	31.9 47.9
89	66.0	53.8 80.6
182	2.6	2.0 3.0

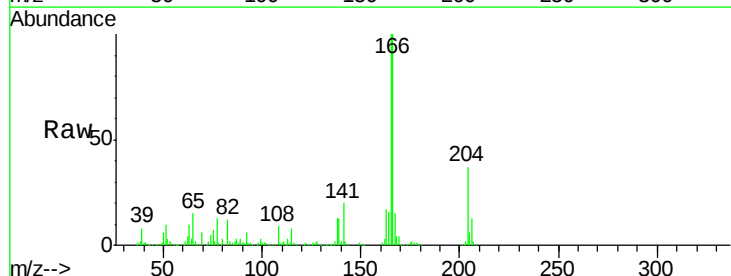


Abundance Ion 165.00 (164.70 to 165.70): E

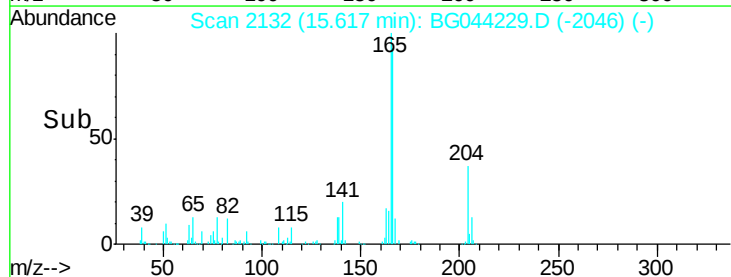
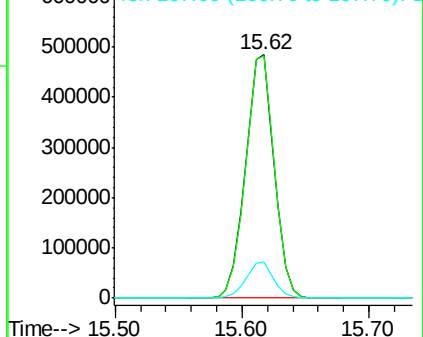


#58
Fluorene
Concen: 42.638 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:166	Resp:	756754
Ion	Ratio	Lower Upper
166	100	
165	99.5	80.8 121.2
167	14.8	12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.061 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 204568

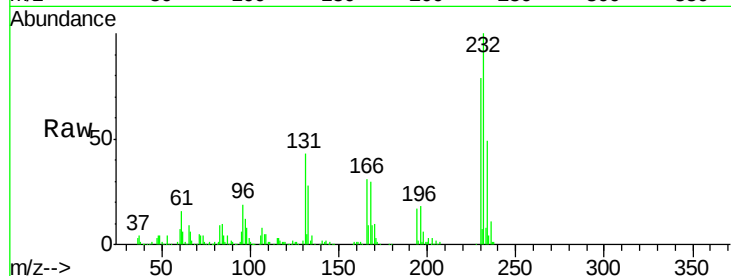
Ion Ratio Lower Upper

232 100

131 45.4 38.2 57.2

130 2.5 2.2 3.2

166 31.3 26.4 39.6

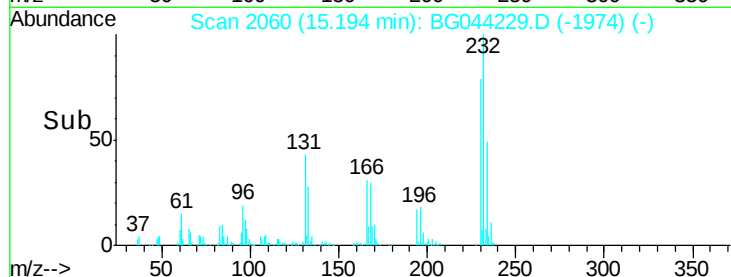


Abundance Ion 232.00 (231.70 to 232.70): E

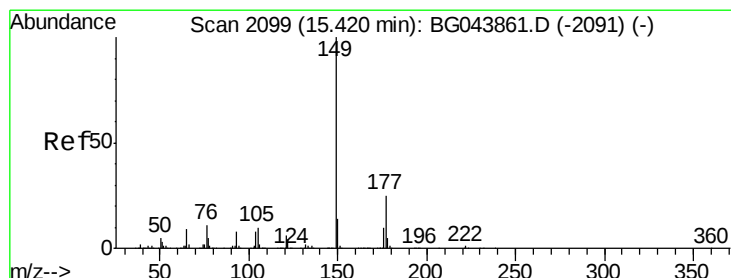
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.512 ng

RT: 15.39 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

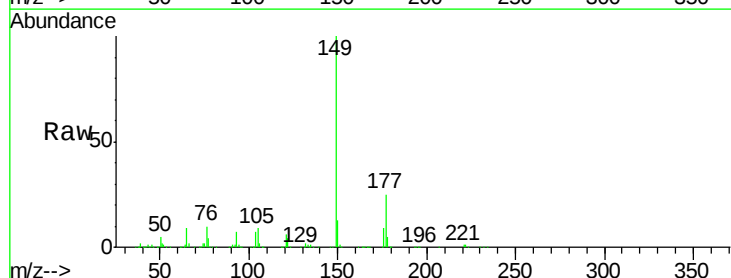
Tgt Ion:149 Resp: 840958

Ion Ratio Lower Upper

149 100

177 24.7 20.0 30.0

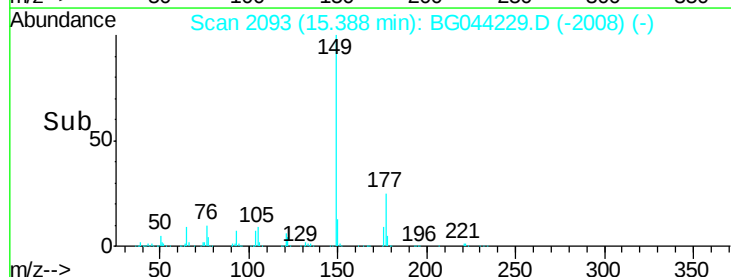
150 13.2 11.1 16.7



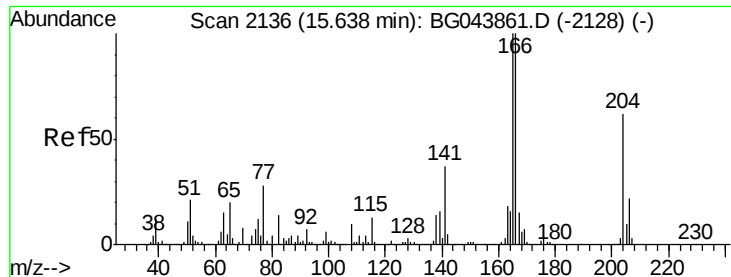
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



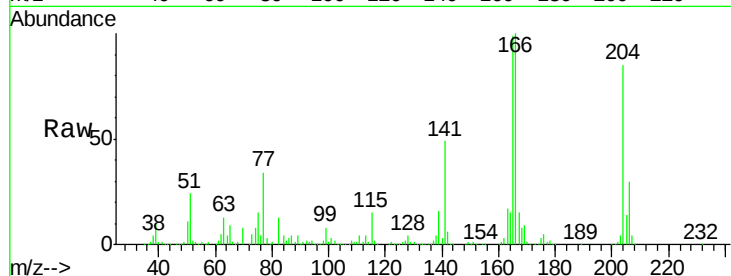
Time-->



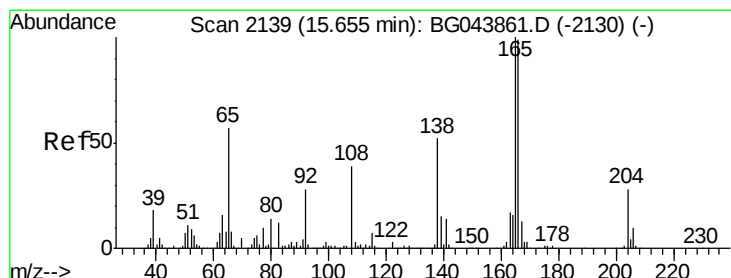
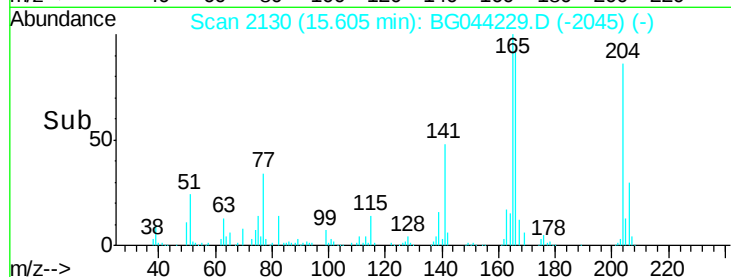
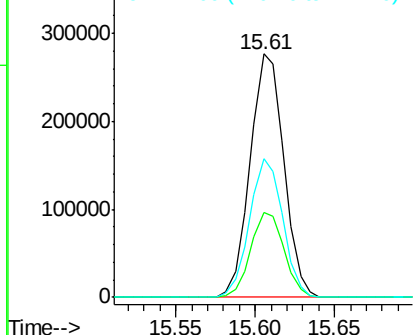
#61
4-Chlorophenyl-phenylether
Concen: 42.516 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 409738
Ion Ratio Lower Upper
204 100
206 34.9 28.2 42.2
141 56.8 48.2 72.2

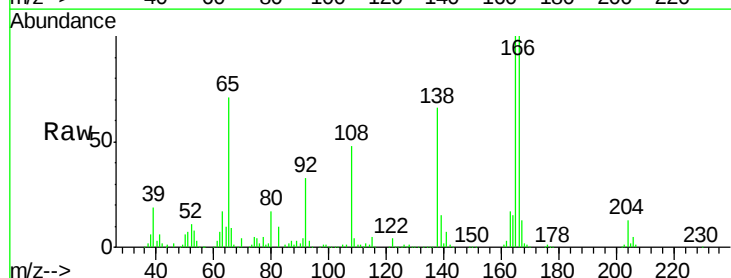


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

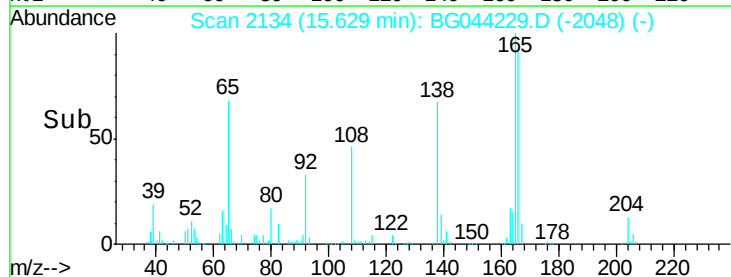
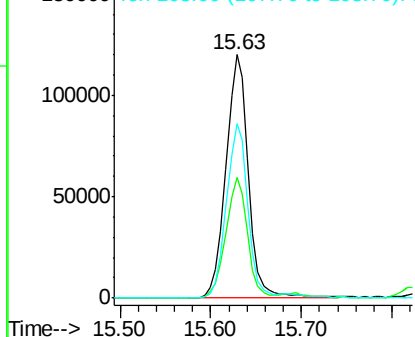


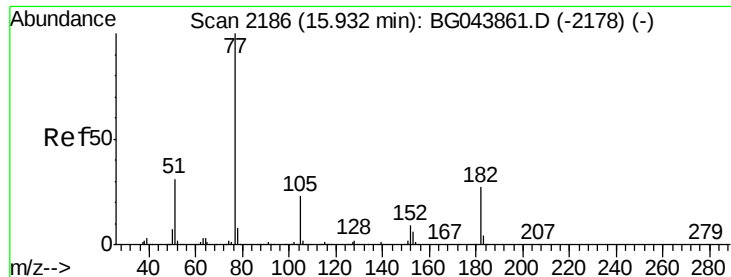
#62
4-Nitroaniline
Concen: 41.271 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:138 Resp: 206891
Ion Ratio Lower Upper
138 100
92 49.9 34.3 74.3
108 71.8 55.0 95.0



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





#63

Azobenzene

Concen: 40.506 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 743096

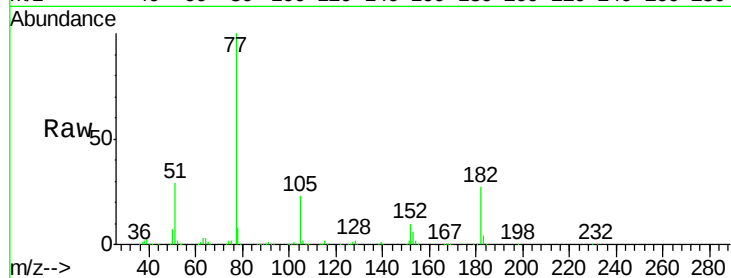
Ion Ratio Lower Upper

77 100

182 27.4 7.3 47.3

105 22.9 3.2 43.2

51 29.4 10.6 50.6

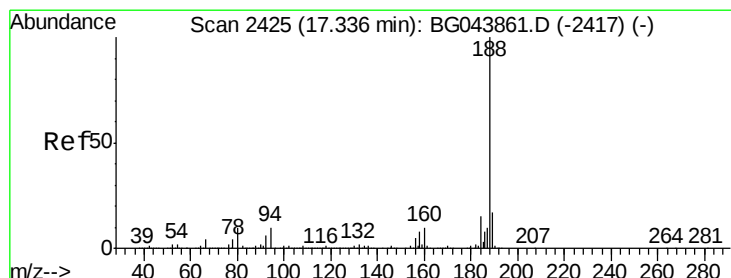
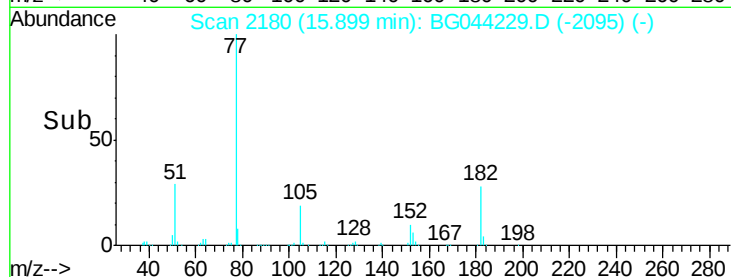
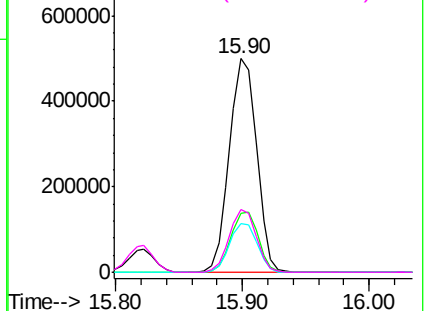


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

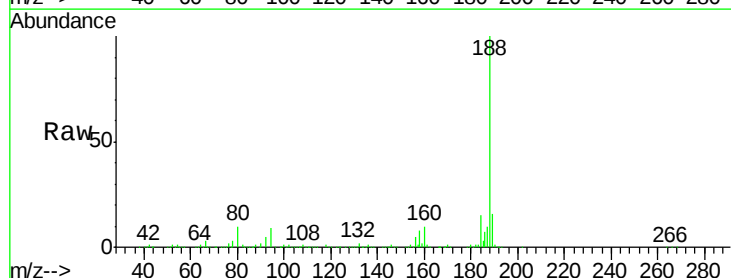
Tgt Ion: 188 Resp: 587215

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

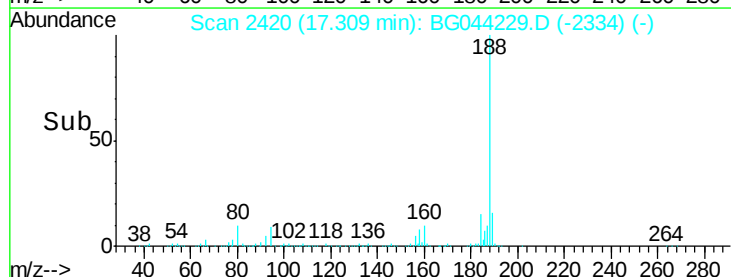
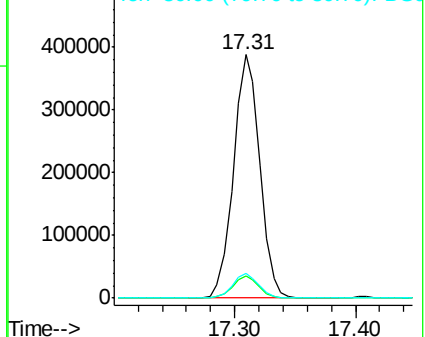
80 10.1 8.2 12.4

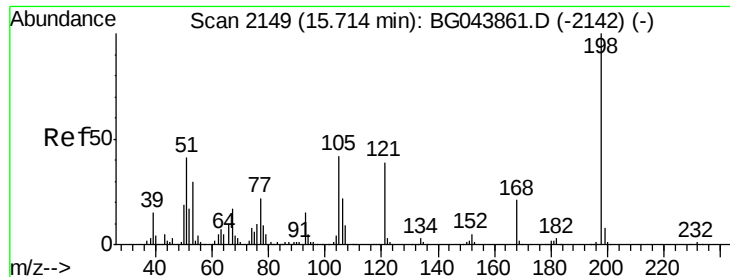


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

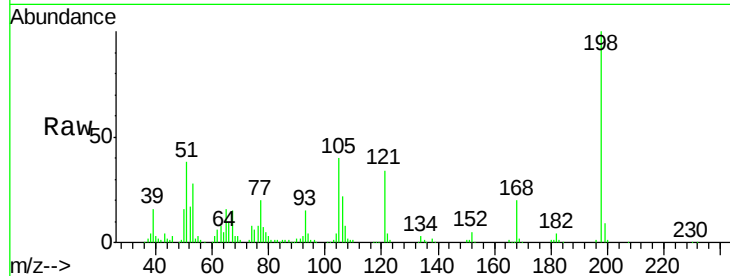




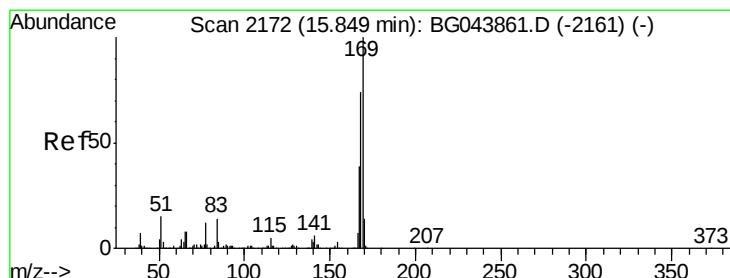
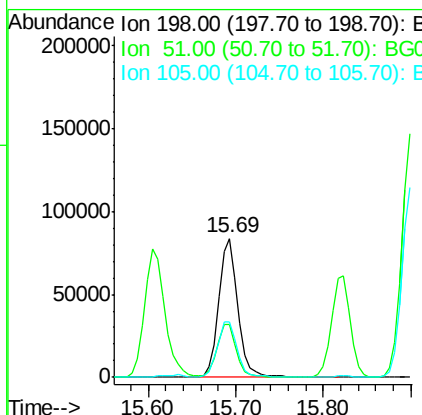
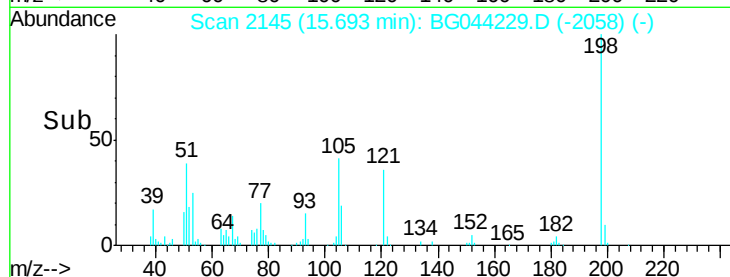
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.670 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.6	22.5	62.5
105	39.7	22.3	62.3

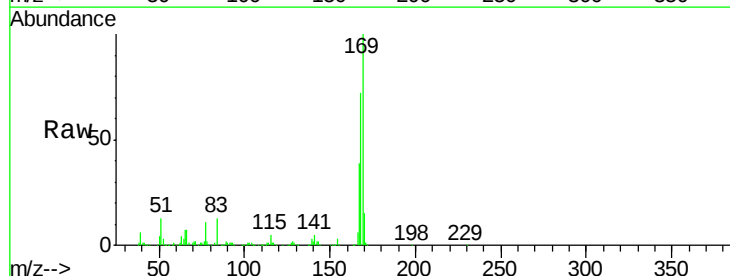


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

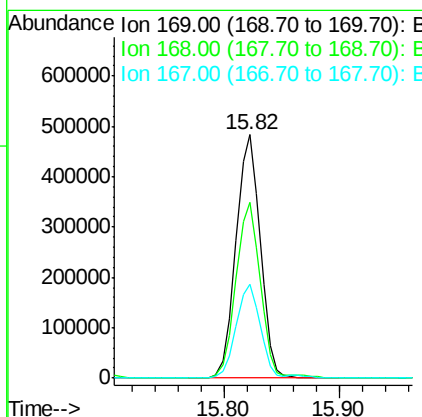
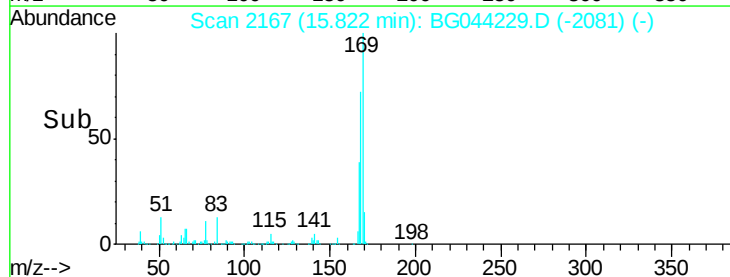


#66
 n-Nitrosodiphenylamine
 Concen: 40.635 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.0	59.0	88.6
167	38.8	31.4	47.0



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

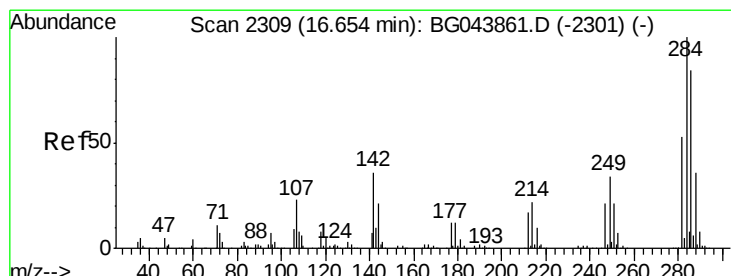
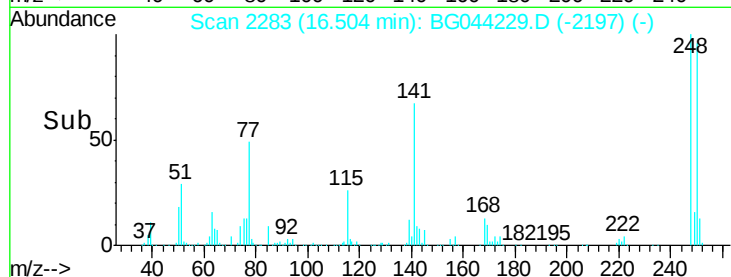
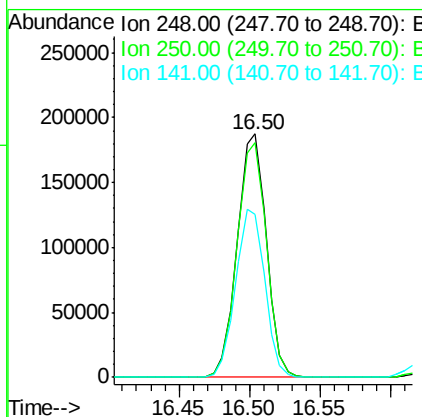
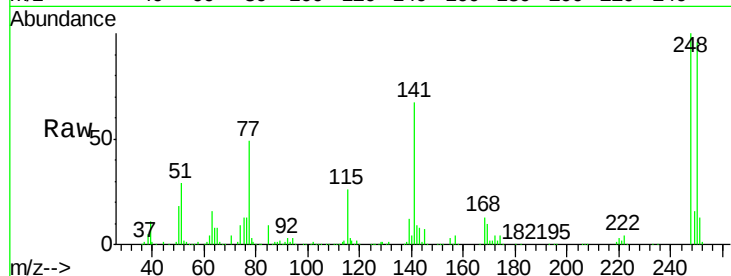




#67
 4-Bromophenyl-phenylether
 Concen: 40.803 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

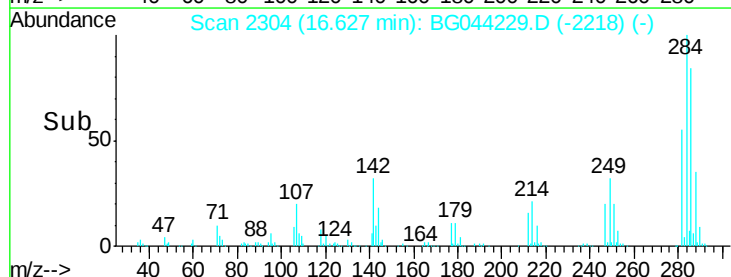
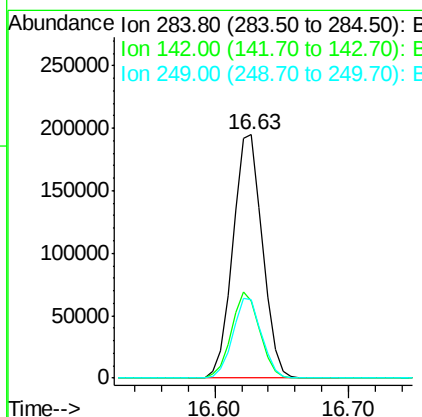
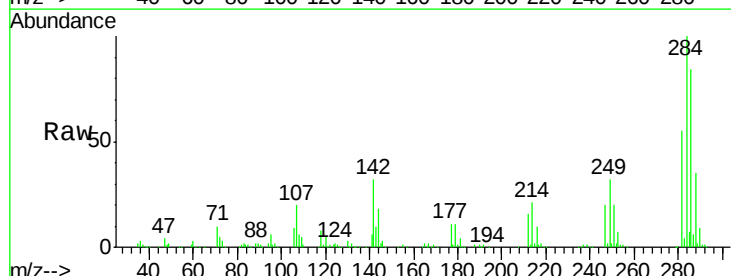
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 269480
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.2 117.2
 141 66.9 59.3 88.9



#68
 Hexachlorobenzene
 Concen: 41.962 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion:284 Resp: 298618
 Ion Ratio Lower Upper
 284 100
 142 31.7 28.6 43.0
 249 32.4 27.0 40.6

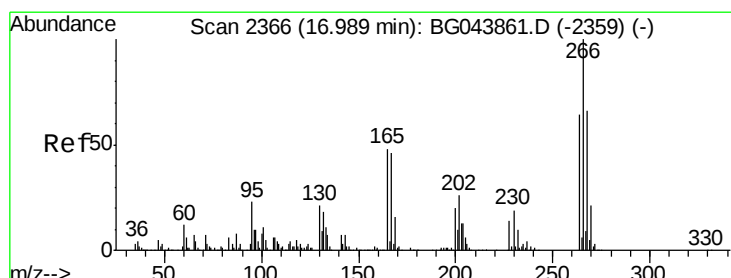
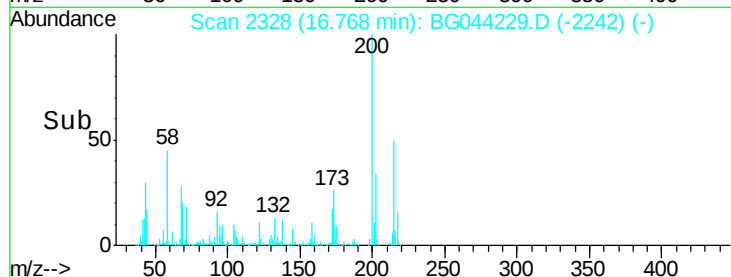
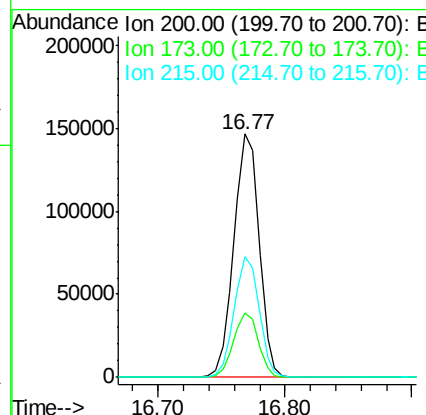
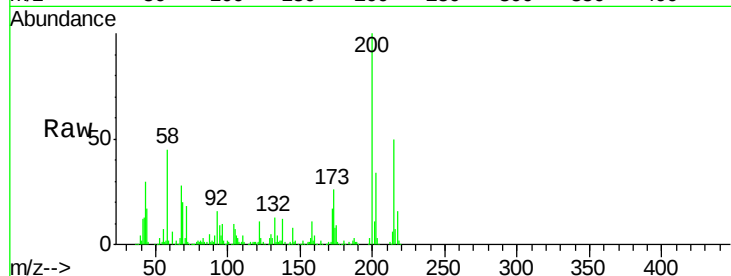




#69
Atrazine
Concen: 35.937 ng
RT: 16.77 min Scan# 2328
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

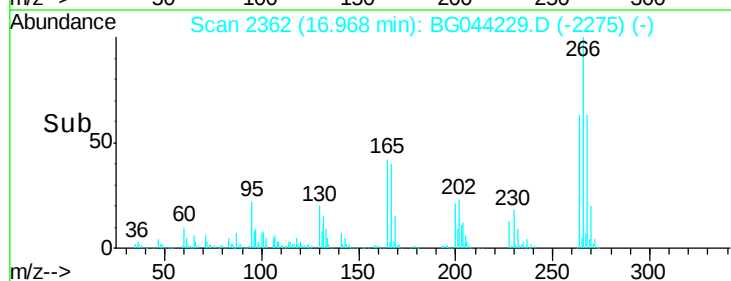
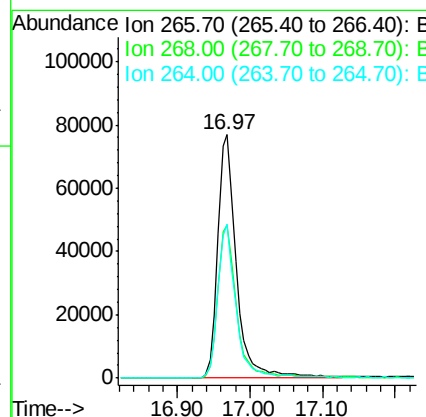
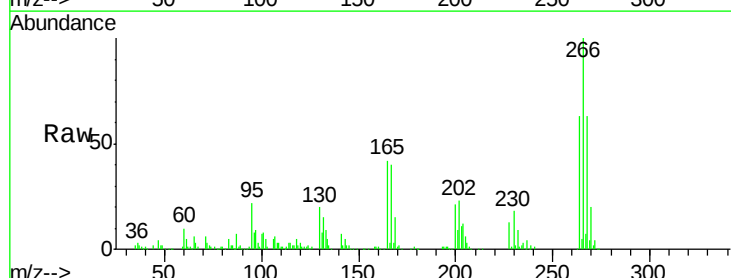
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	49.6	28.6	68.6



#70
Pentachlorophenol
Concen: 35.394 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.6	79.0
264	63.0	50.8	76.2

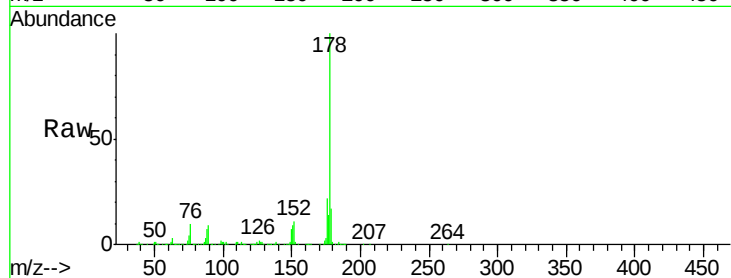




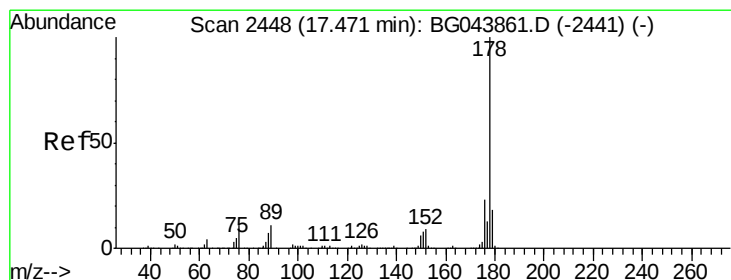
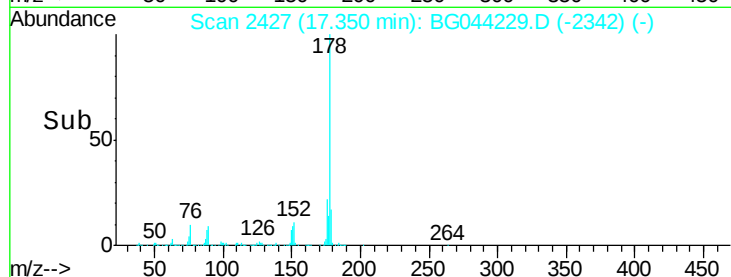
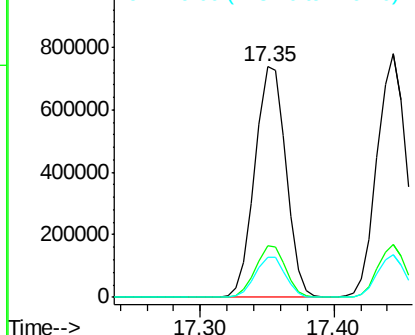
#71
Phenanthrene
Concen: 42.129 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1186587
Ion Ratio Lower Upper
178 100
176 22.4 18.6 28.0
179 17.2 14.4 21.6

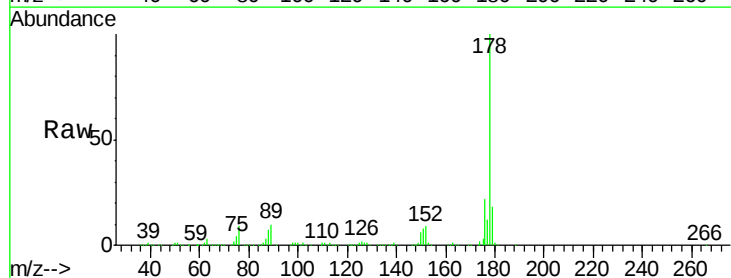


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

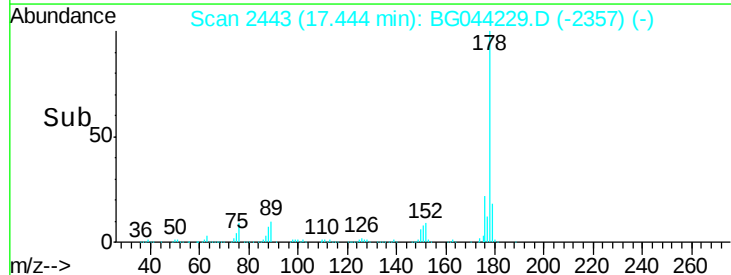
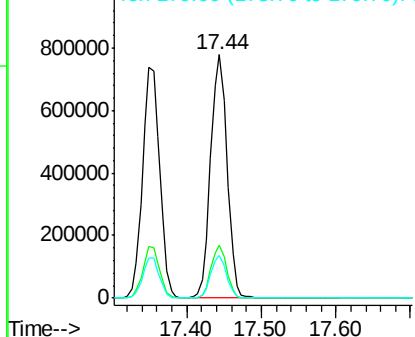


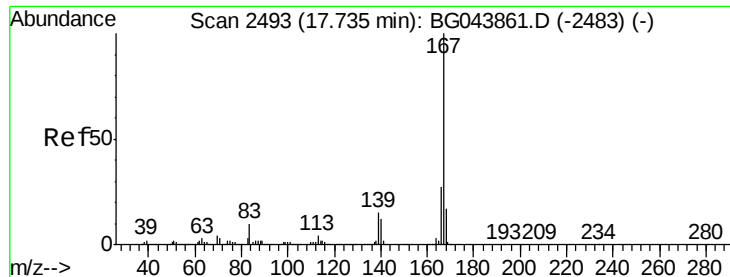
#72
Anthracene
Concen: 42.635 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:178 Resp: 1186769
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.6 14.6 22.0



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





#73

Carbazole

Concen: 42.220 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampled :

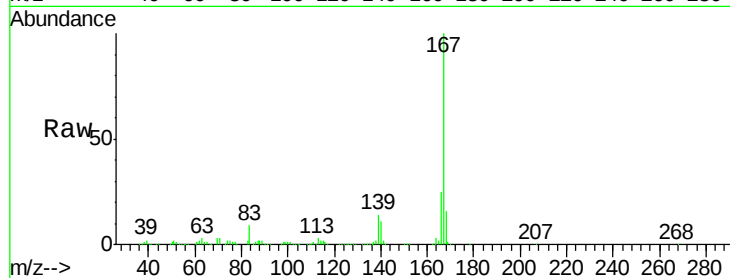
Tot Ion:167 Resp: 1085571

Ion Ratio Lower Upper

167 100

166 25.5 21.6 32.4

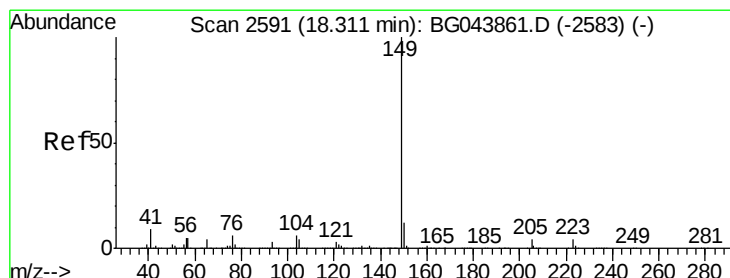
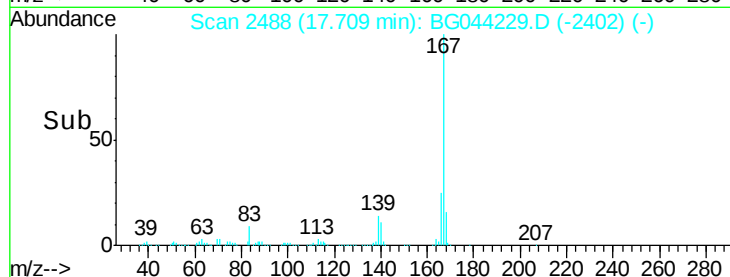
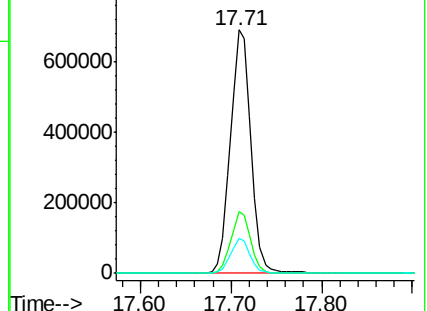
139 14.4 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.479 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

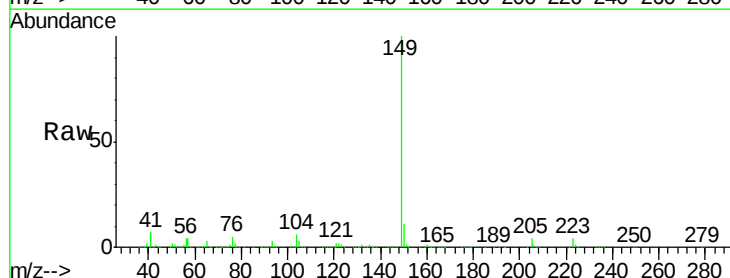
Tgt Ion:149 Resp: 1361702

Ion Ratio Lower Upper

149 100

150 10.9 9.7 14.5

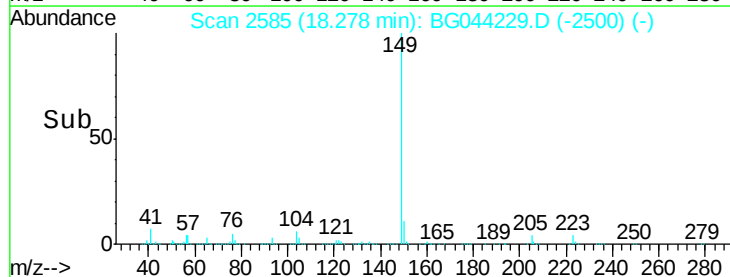
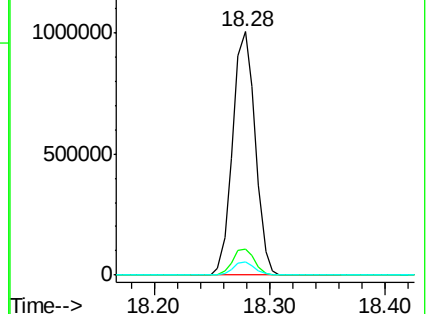
104 5.7 5.0 7.4

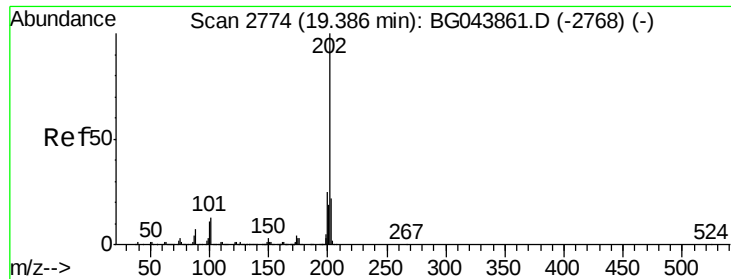


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.500 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

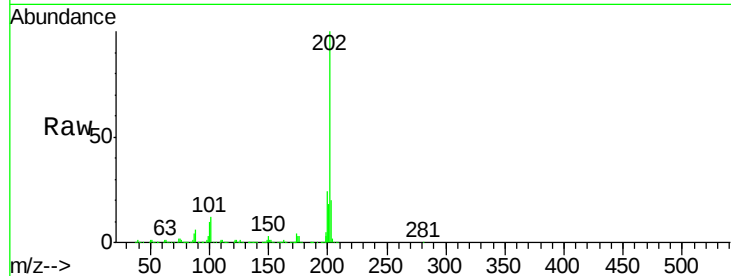
Tot Ion:202 Resp: 1368995

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.3

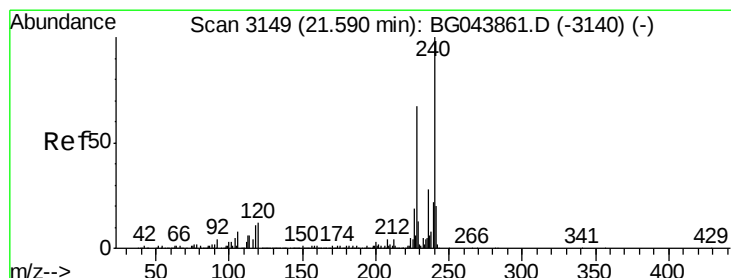
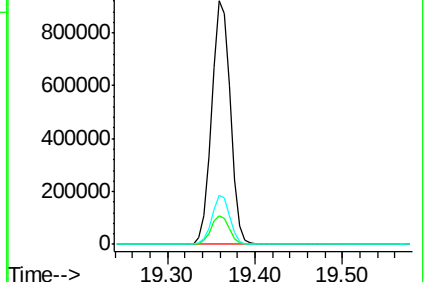
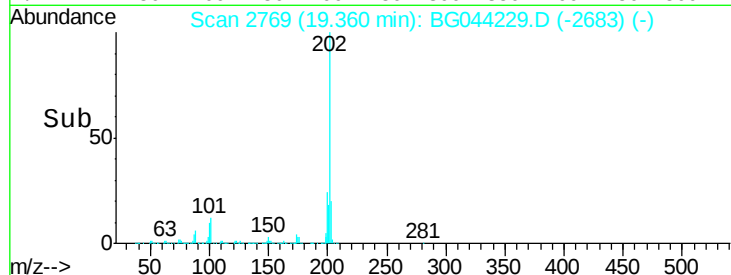
203 20.2 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

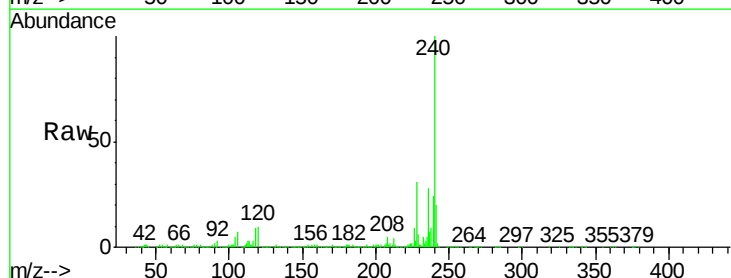
Tgt Ion:240 Resp: 515168

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

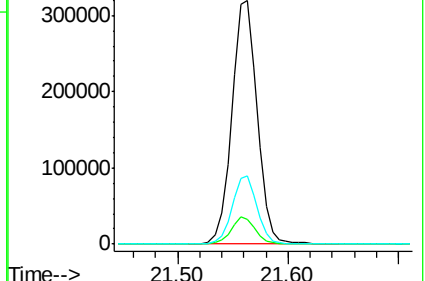
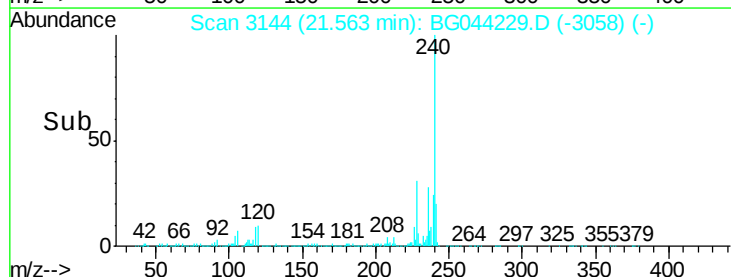
236 28.1 22.2 33.2

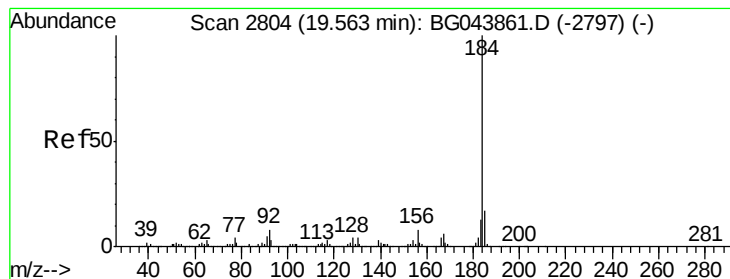


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.205 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

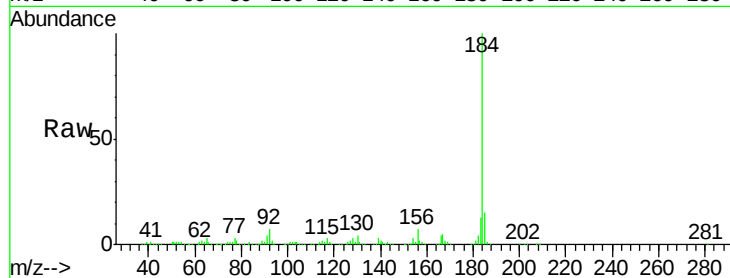
Tot Ion:184 Resp: 520613

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

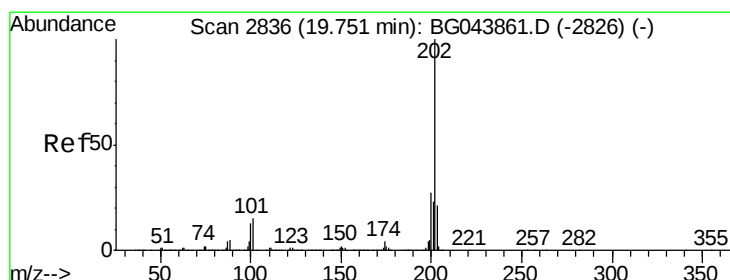
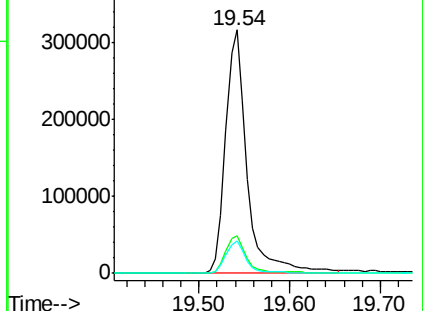
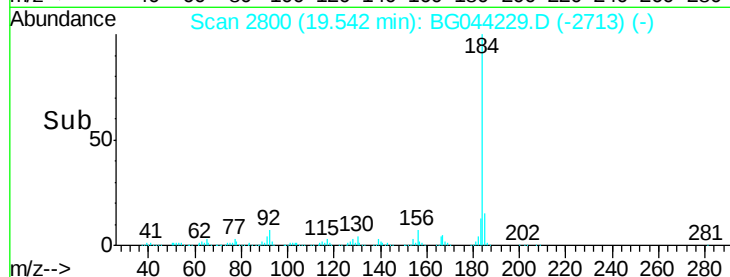
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.113 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

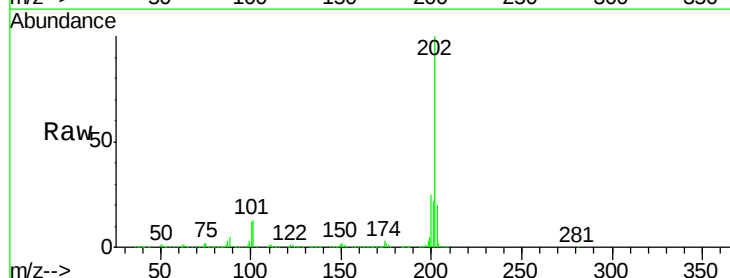
Tgt Ion:202 Resp: 1382506

Ion Ratio Lower Upper

202 100

200 24.9 21.7 32.5

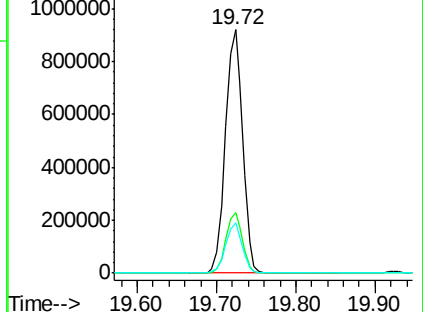
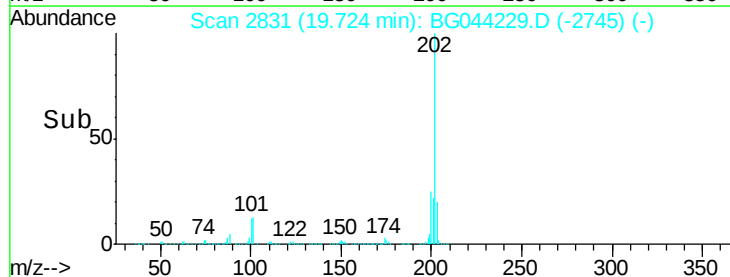
203 20.4 17.0 25.6

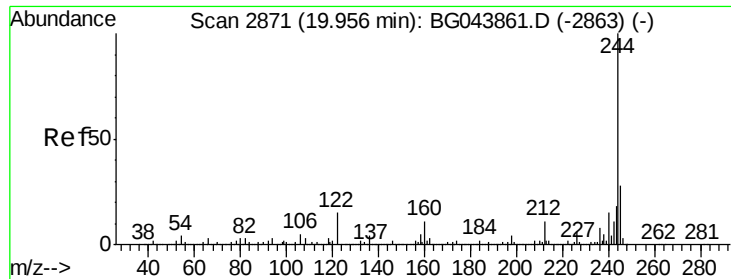


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.354 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

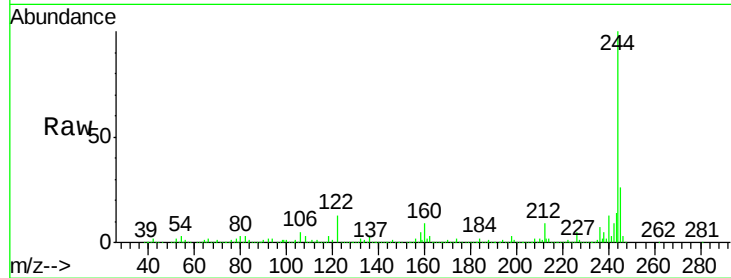
Tot Ion:244 Resp: 1899122

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

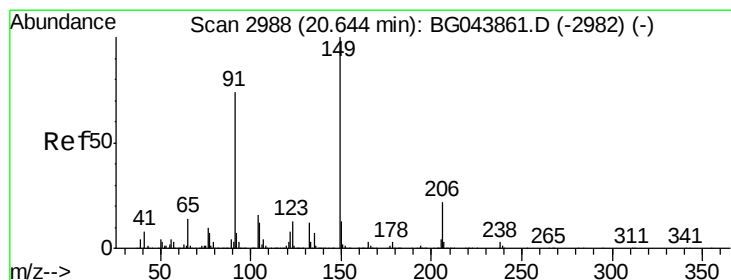
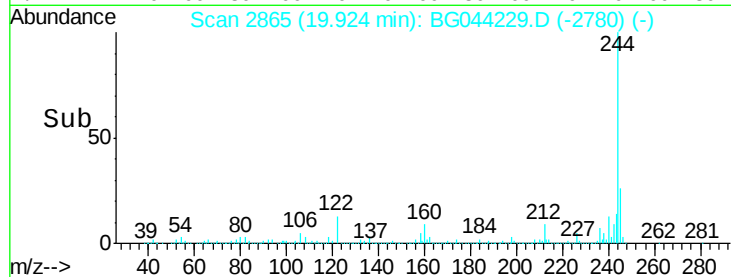
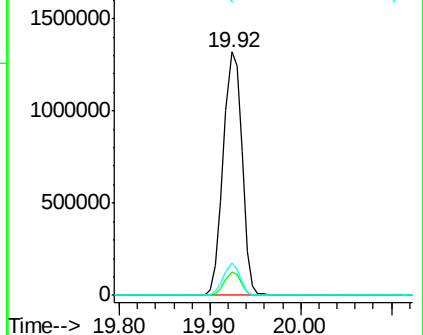
122 13.2 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.584 ng

RT: 20.62 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

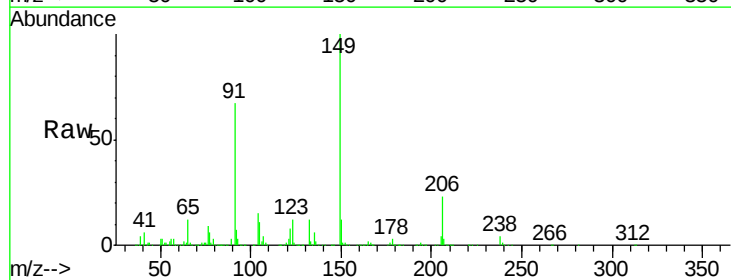
Tgt Ion:149 Resp: 649734

Ion Ratio Lower Upper

149 100

91 67.3 59.5 89.3

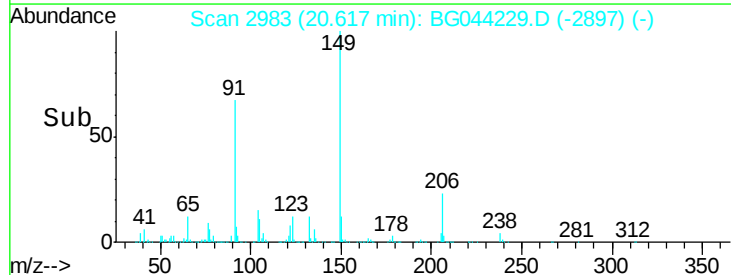
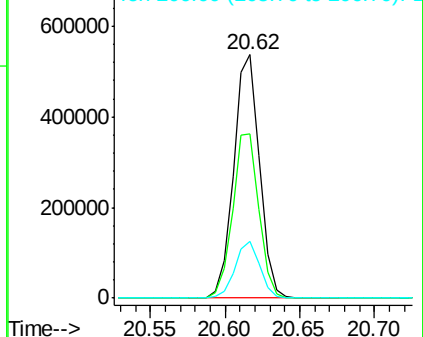
206 23.2 17.8 26.6

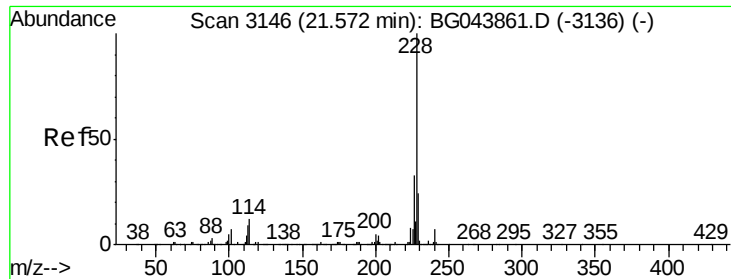


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.558 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampleId :

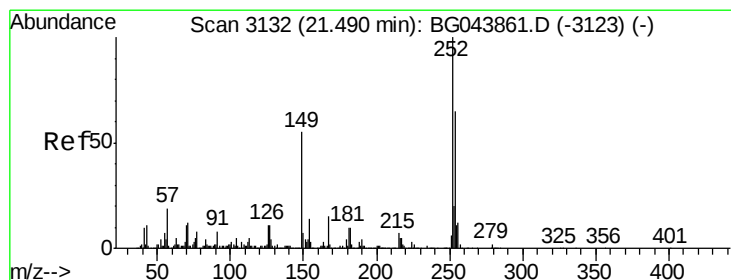
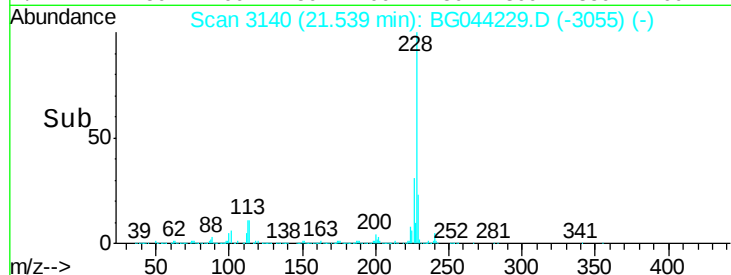
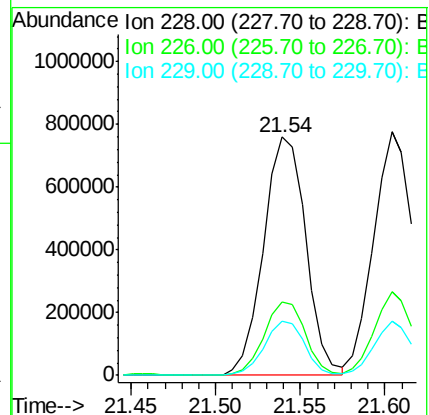
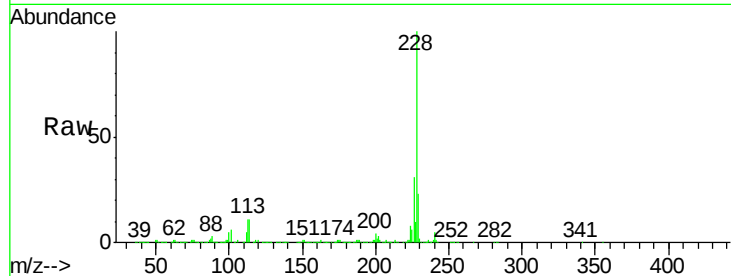
Tot Ion:228 Resp: 1327531

Ion Ratio Lower Upper

228 100

226 30.9 26.2 39.4

229 22.9 18.9 28.3



#82

3,3'-Dichlorobenzidine

Concen: 39.577 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

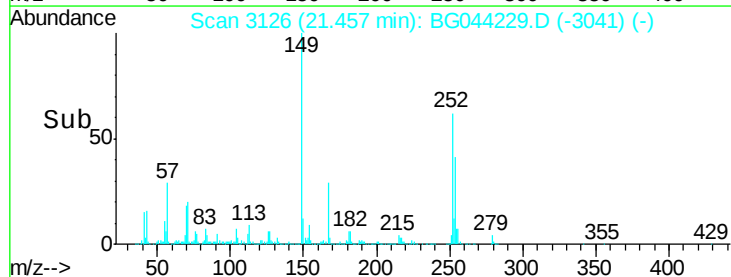
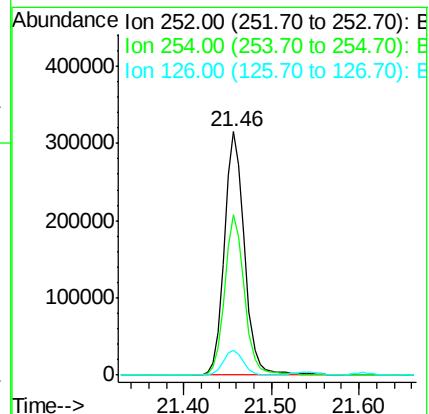
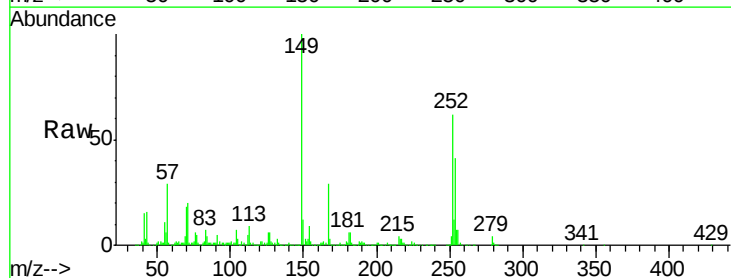
Tgt Ion:252 Resp: 499470

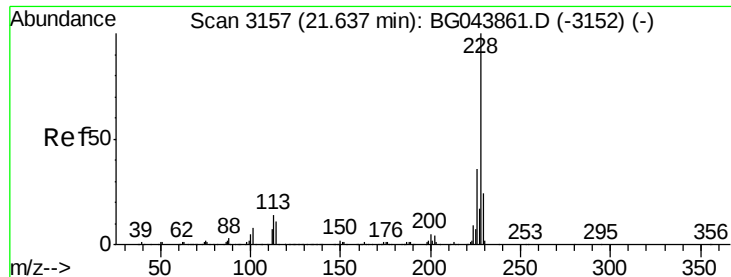
Ion Ratio Lower Upper

252 100

254 66.1 52.1 78.1

126 10.2 9.1 13.7



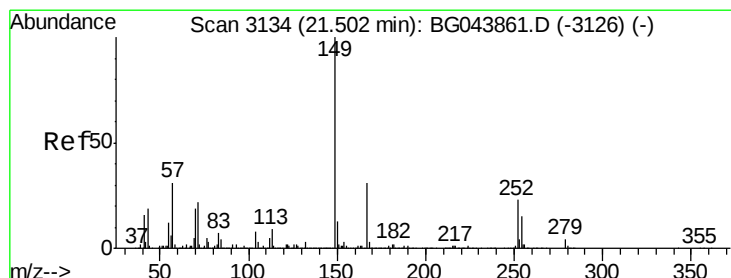
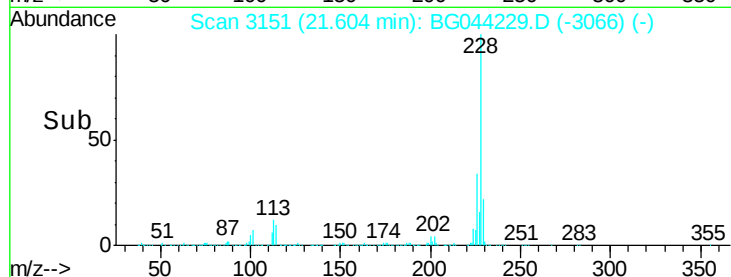
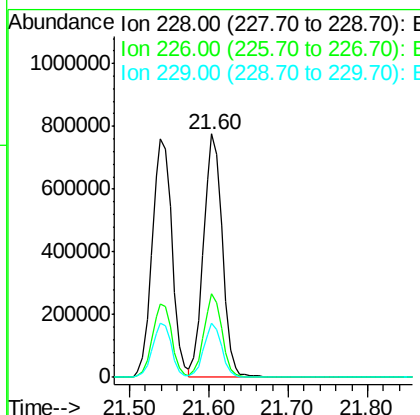
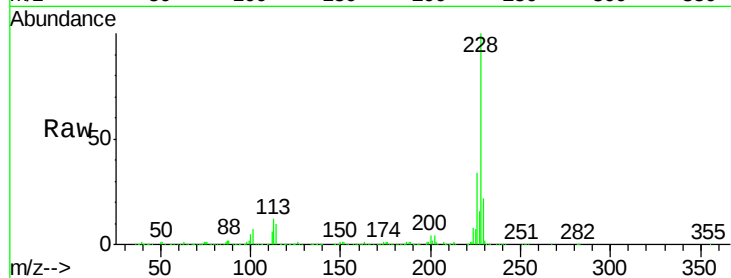


#83
 Chrvsene
 Concen: 42.293 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1283714

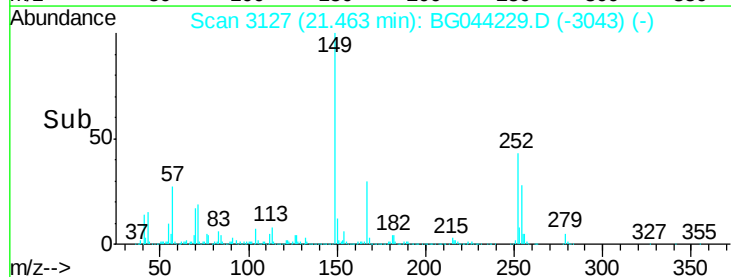
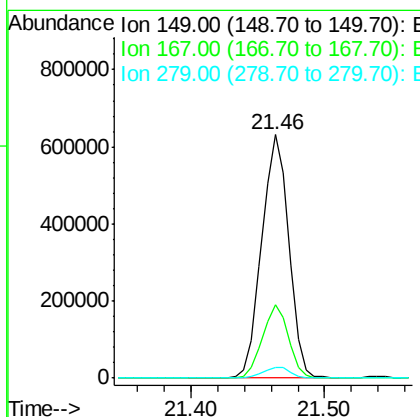
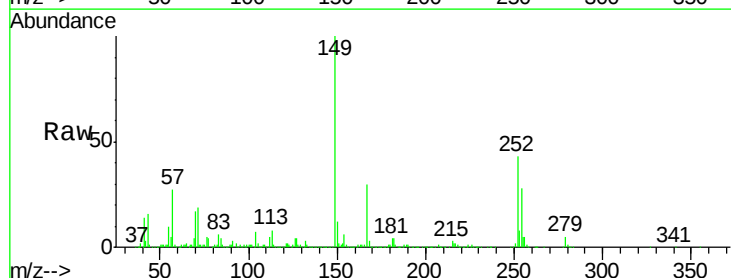
Ion	Ratio	Lower	Upper
228	100		
226	34.5	28.8	43.2
229	22.3	19.0	28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.999 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044229.D
 Acq: 28 Jan 2020 12:05

Tgt Ion:149 Resp: 883579

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.7	37.1
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 41.385 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

Instrument :

BNA_G

ClientSampled :

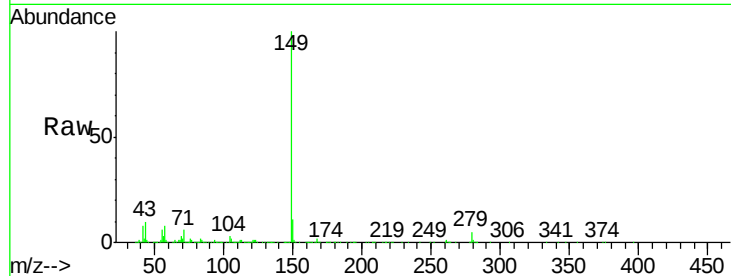
Tot Ion:149 Resp: 1536896

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

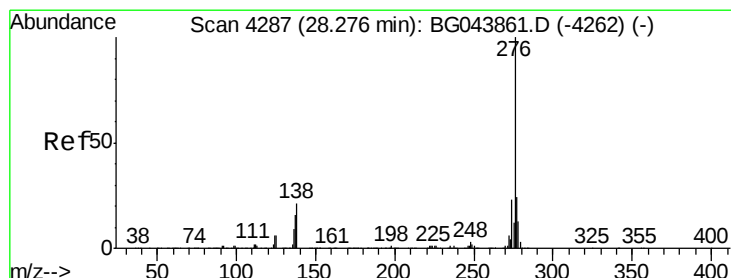
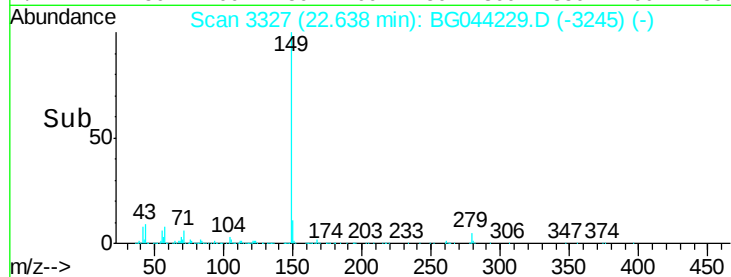
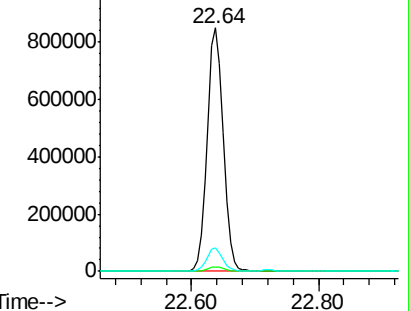
43 9.6 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.896 ng

RT: 28.20 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044229.D

Acq: 28 Jan 2020 12:05

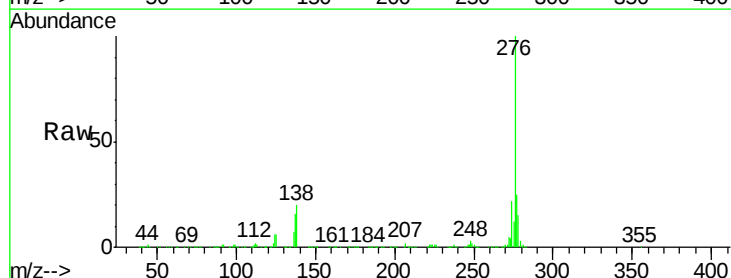
Tgt Ion:276 Resp: 1645695

Ion Ratio Lower Upper

276 100

138 16.4 21.0 31.4#

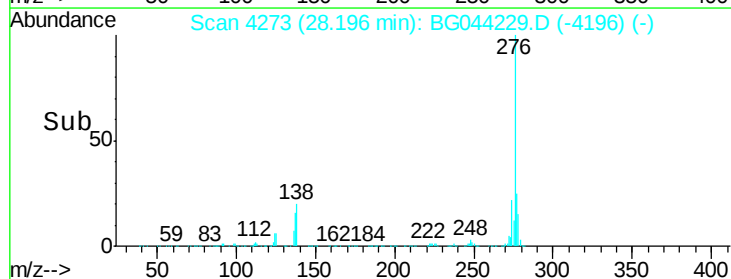
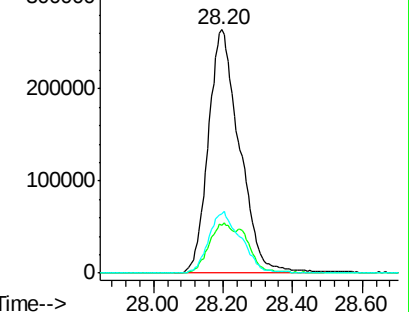
277 26.1 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



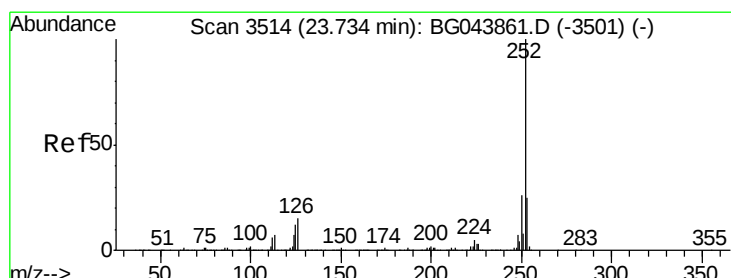
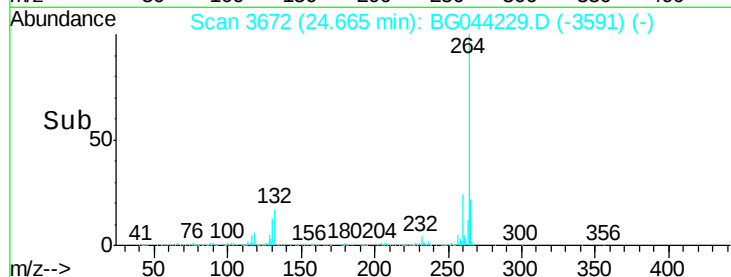
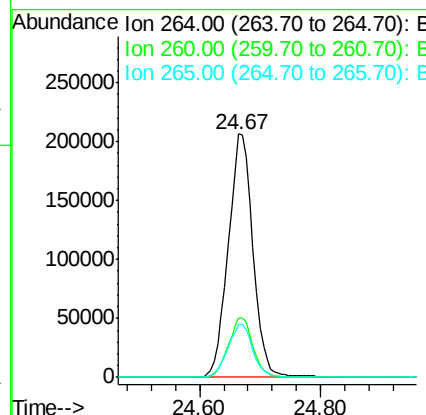
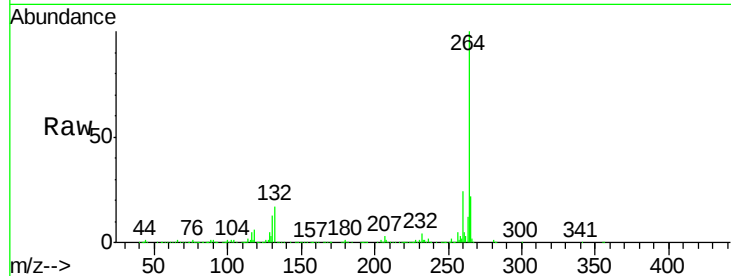


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 586911

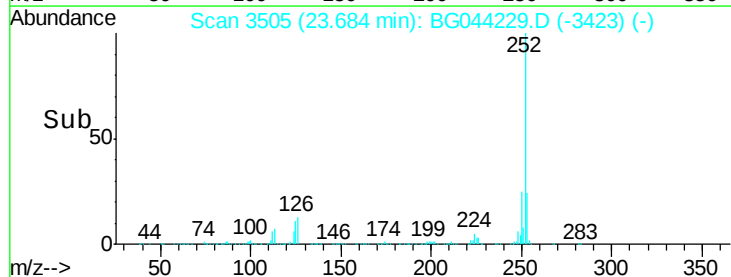
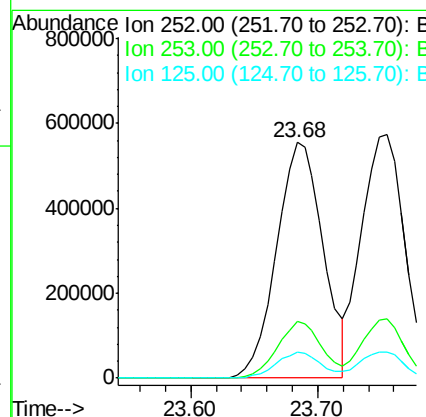
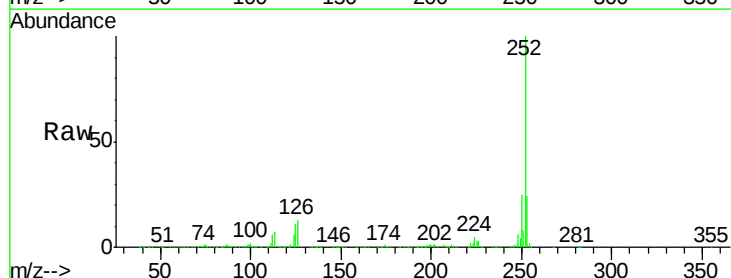
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.8	17.4	26.2

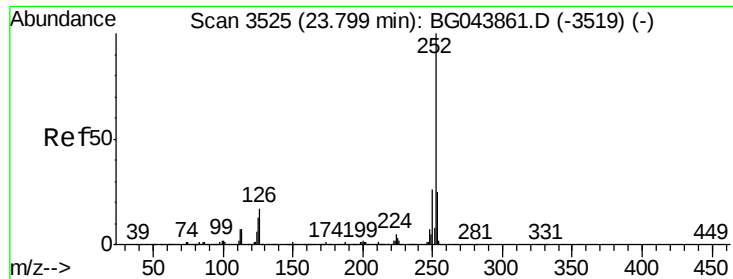


#88
Benzo(b)fluoranthene
Concen: 40.803 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:252 Resp: 1415745

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	11.0	9.4	14.2

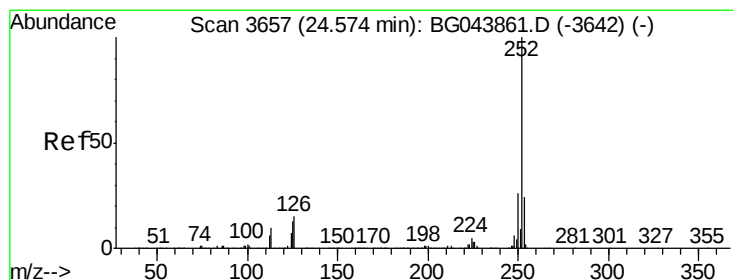
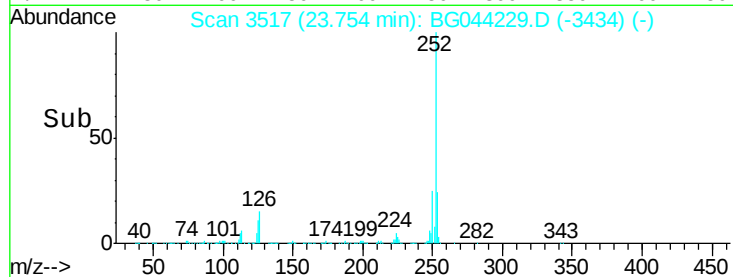
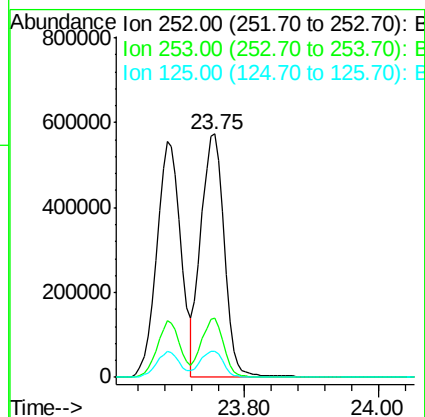
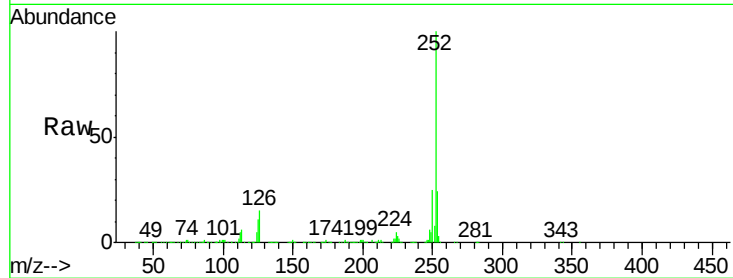




#89
Benzo(k)fluoranthene
Concen: 41.743 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

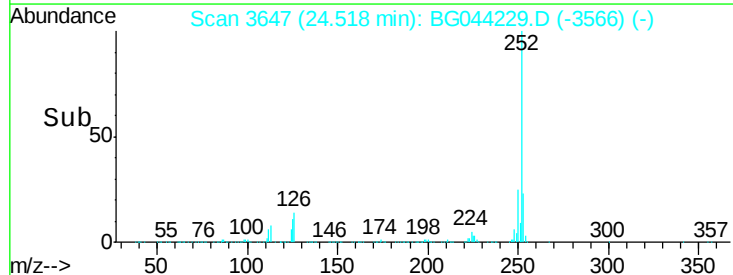
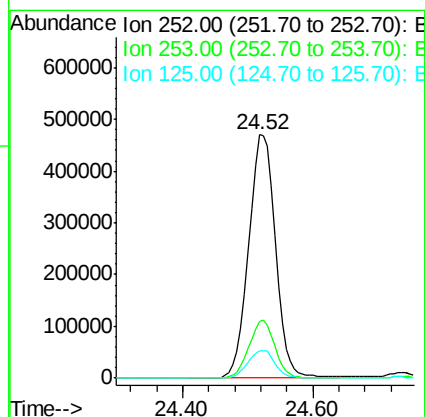
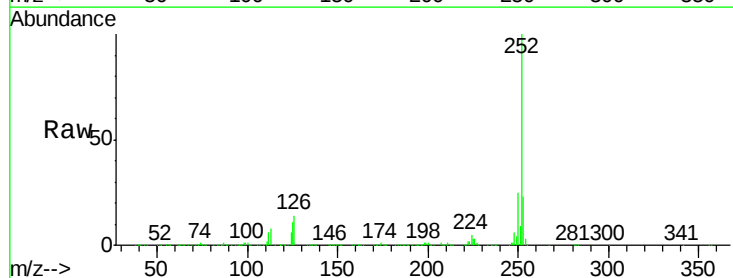
Instrument :
BNA_G
ClientSampleId :

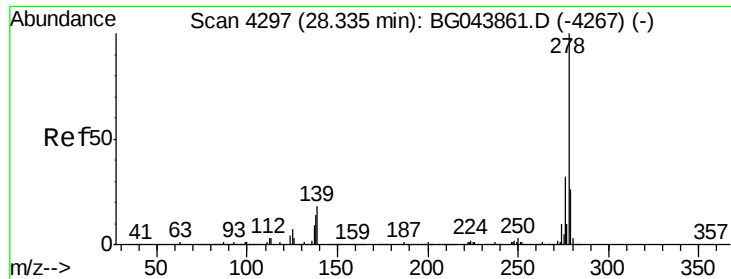
Tot Ion:252 Resp: 1377282
Ion Ratio Lower Upper
252 100
253 24.5 19.4 29.2
125 10.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.038 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.06 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:252 Resp: 1343898
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 11.1 10.4 15.6

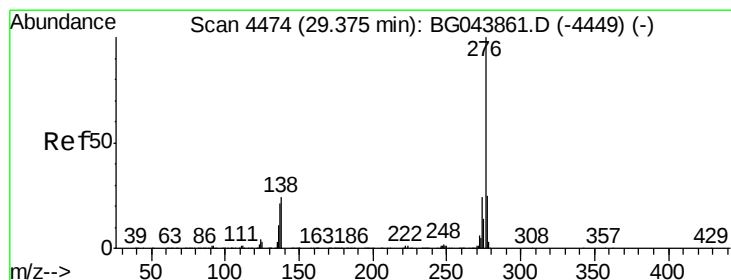
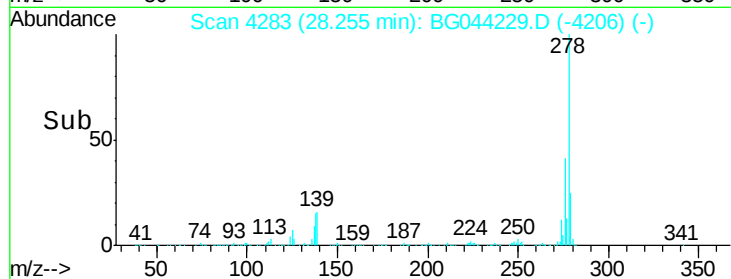
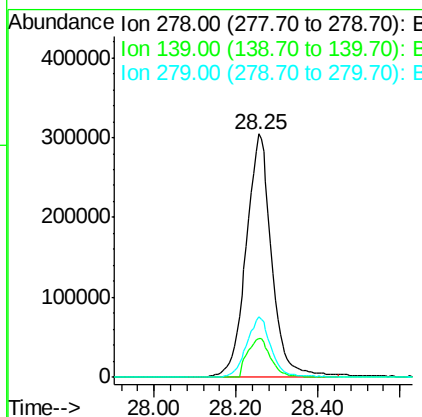
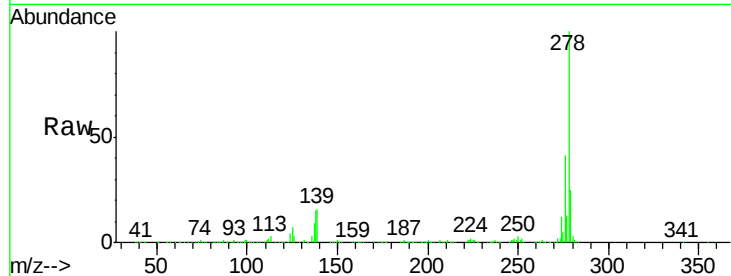




#91
Dibenzo(a,h)anthracene
Concen: 40.154 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.08 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1320596
Ion Ratio Lower Upper
278 100
139 16.1 14.2 21.4
279 24.7 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 40.333 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044229.D
Acq: 28 Jan 2020 12:05

Tgt Ion:276 Resp: 1317599
Ion Ratio Lower Upper
276 100
277 24.5 20.2 30.4
138 20.9 19.0 28.6

