

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045429.D
 Acq On : 19 May 2020 18:05
 Operator : CG/JU
 Sample : L2182-08
 Misc : WATER - LOO - 10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 01:16:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	87975	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	369080	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	266428	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	624744	20.00	ng	0.00
76) Chrysene-d12	21.61	240	628697	20.00	ng	0.00
87) Perylene-d12	24.77	264	675996	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	521551	115.86	ng	0.00
7) Phenol-d6	7.19	99	754314	117.73	ng	-0.01
23) Nitrobenzene-d5	9.12	82	513461	75.86	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	402028	117.99	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1226992	78.12	ng	0.00
79) Terphenyl-d14	19.97	244	2172017	80.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	16658	7.462	ng	97
3) Pyridine	3.83	79	37283	5.997	ng	# 90
4) n-Nitrosodimethylamine	3.74	42	13883	6.824	ng	# 66
6) Aniline	7.30	93	66178	7.912	ng	99
8) 2-Chlorophenol	7.55	128	39707	8.043	ng	93
9) Benzaldehyde	7.10	77	38052	9.116	ng	95
10) Phenol	7.22	94	53456	8.095	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	40690	7.900	ng	98
12) 1,3-Dichlorobenzene	7.86	146	45633	7.692	ng	91
13) 1,4-Dichlorobenzene	8.00	146	47911	8.184	ng	90
14) 1,2-Dichlorobenzene	8.32	146	44946	7.982	ng	94
15) Benzyl Alcohol	8.22	79	39133	7.393	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	38665	7.908	ng	96
17) 2-Methylphenol	8.45	107	35454	7.173	ng	98
18) Hexachloroethane	9.05	117	18237	8.133	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	36949	8.339	ng	97
20) 3+4-Methylphenols	8.45	107	35454	5.268	ng	77
22) Acetophenone	8.78	105	67076	7.668	ng	# 93
24) Nitrobenzene	9.17	77	54778	7.554	ng	97
25) Isophorone	9.69	82	104319	7.826	ng	99
26) 2-Nitrophenol	9.89	139	23402	7.544	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	39441	8.573	ng	89
28) bis(2-Chloroethoxy)methane	10.18	93	58584	8.381	ng	93
29) 2,4-Dichlorophenol	10.45	162	40596	7.472	ng	92
30) 1,2,4-Trichlorobenzene	10.63	180	49129	7.653	ng	95
31) Naphthalene	10.82	128	136503	7.937	ng	98
32) Benzoic acid	10.10	122	15959	5.776	ng	96
33) 4-Chloroaniline	10.95	127	57233	7.961	ng	# 94
34) Hexachlorobutadiene	11.12	225	30849	6.798	ng	94
35) Caprolactam	11.68	113	16067	8.057	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	48845	7.978	ng	93
37) 2-Methylnaphthalene	12.43	142	103803	8.098	ng	95
38) 1-Methylnaphthalene	12.65	142	100959	8.337	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	59051	7.935	ng	98

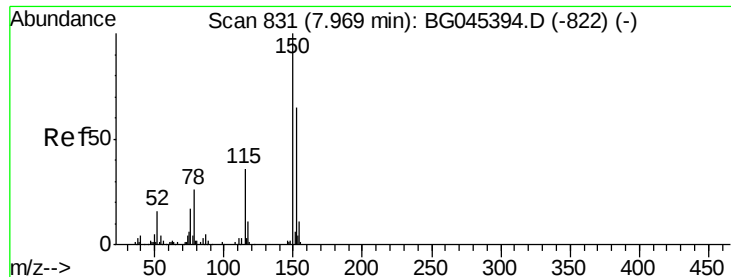
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	25655	5.973	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	38571	7.461	ng	93
44) 2,4,5-Trichlorophenol	13.15	196	41072	6.953	ng	93
46) 1,1'-Biphenyl	13.44	154	135632	8.285	ng	97
47) 2-Chloronaphthalene	13.48	162	105126	7.908	ng	97
48) 2-Nitroaniline	13.69	65	30224	6.912	ng	96
49) Acenaphthylene	14.33	152	180957	8.475	ng	98
50) Dimethylphthalate	14.06	163	150636	8.242	ng	99
51) 2,6-Dinitrotoluene	14.18	165	32465	7.872	ng	96
52) Acenaphthene	14.67	154	105023	7.348	ng	91
53) 3-Nitroaniline	14.52	138	29805	7.109	ng	# 95
54) 2,4-Dinitrophenol	14.73	184	4896	2.044	ng	# 75
55) Dibenzofuran	15.00	168	174959	8.243	ng	99
56) 4-Nitrophenol	14.90	139	19642	6.188	ng	# 81
57) 2,4-Dinitrotoluene	14.97	165	45925	7.689	ng	# 95
58) Fluorene	15.66	166	144820	8.305	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.17	232	35400	6.811	ng	91
60) Diethylphthalate	15.42	149	159230	8.370	ng	96
61) 4-Chlorophenyl-phenylether	15.65	204	78800	7.897	ng	93
62) 4-Nitroaniline	15.69	138	34056	7.781	ng	# 83
63) Azobenzene	15.94	77	145563	8.206	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	21482	5.904	ng	88
66) n-Nitrosodiphenylamine	15.86	169	129580	8.639	ng	91
67) 4-Bromophenyl-phenylether	16.54	248	52215	7.718	ng	96
68) Hexachlorobenzene	16.67	284	58694	8.295	ng	97
69) Atrazine	16.81	200	52321	8.468	ng	96
70) Pentachlorophenol	17.03	266	8964	2.440	ng	96
71) Phenanthrene	17.40	178	246177	9.026	ng	98
72) Anthracene	17.49	178	254169	9.280	ng	98
73) Carbazole	17.77	167	231123	8.657	ng	96
74) Di-n-butylphthalate	18.32	149	271089	8.460	ng	99
75) Fluoranthene	19.40	202	313947	9.050	ng	97
77) Benzidine	19.59	184	146463	8.295	ng	96
78) Pyrene	19.77	202	319670	8.920	ng	96
80) Butylbenzylphthalate	20.66	149	127145	8.219	ng	96
81) Benzo(a)anthracene	21.60	228	301607	8.612	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	123454	8.986	ng	96
83) Chrysene	21.66	228	295360	8.771	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	181004	8.512	ng	99
85) Di-n-octyl phthalate	22.70	149	297794	8.154	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	351933	7.992	ng	98
88) Benzo(b)fluoranthene	23.76	252	303322	8.366	ng	97
89) Benzo(k)fluoranthene	23.83	252	300226	8.814	ng	96
90) Benzo(a)pyrene	24.62	252	283054	8.383	ng	# 97
91) Dibenzo(a,h)anthracene	28.39	278	291907	8.603	ng	100
92) Benzo(g,h,i)perylene	29.45	276	295614	8.711	ng	98

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

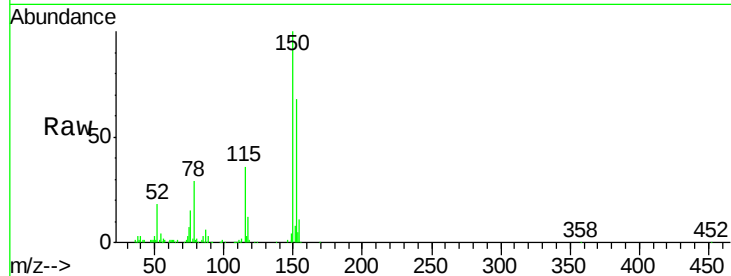


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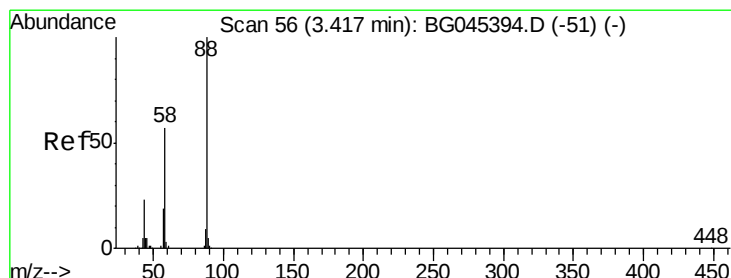
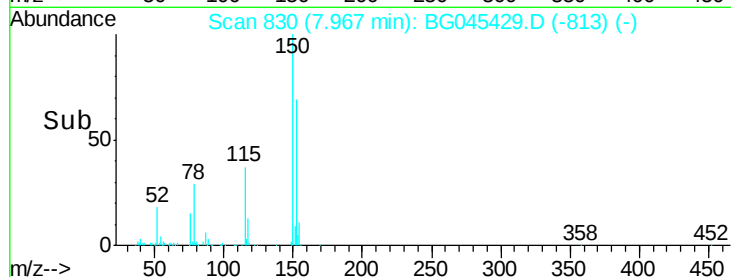
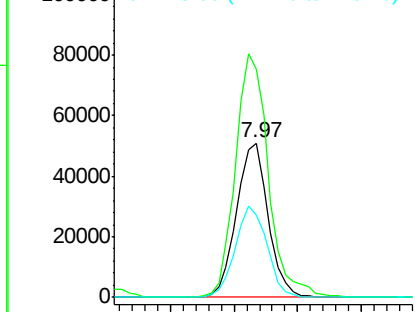
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 87975
Ion Ratio Lower Upper
152 100
150 147.6 122.4 183.6
115 53.0 44.2 66.4



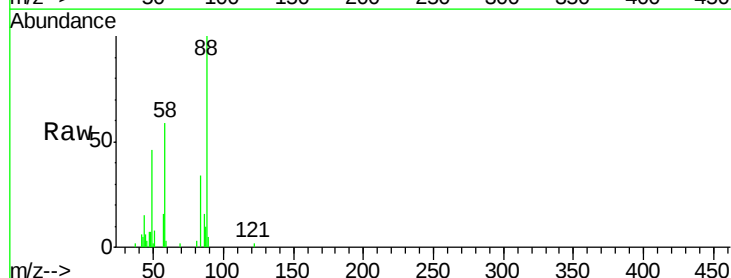
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



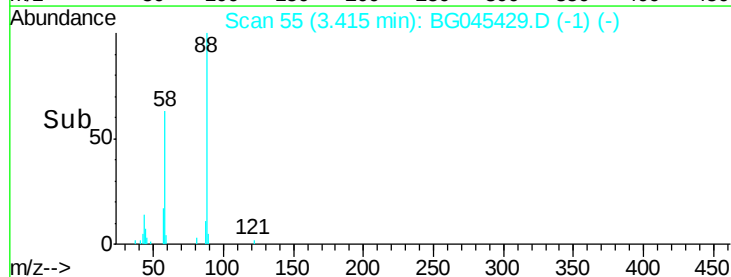
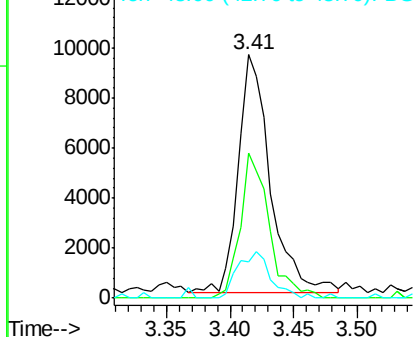
#2

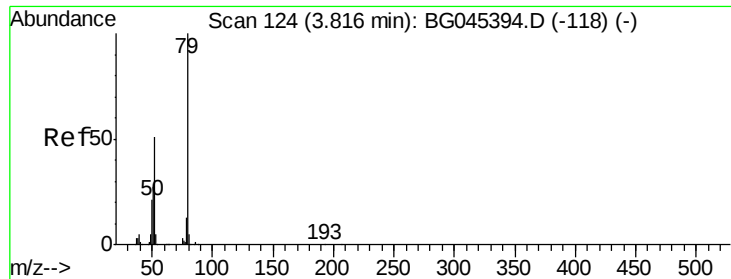
1,4-Dioxane
Concen: 7.462 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion: 88 Resp: 16658
Ion Ratio Lower Upper
88 100
58 54.9 45.7 68.5
43 19.8 16.8 25.2



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





#3

Pvridine

Concen: 5.997 ng

RT: 3.83 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

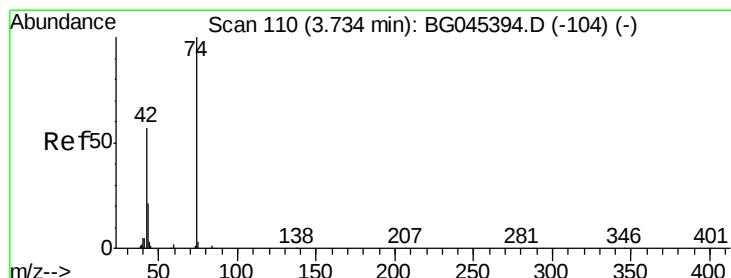
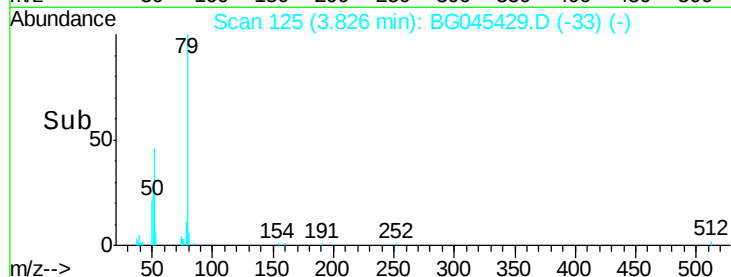
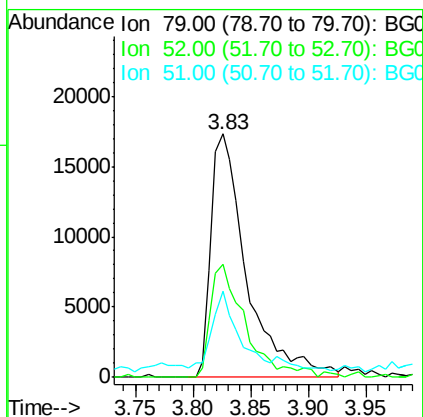
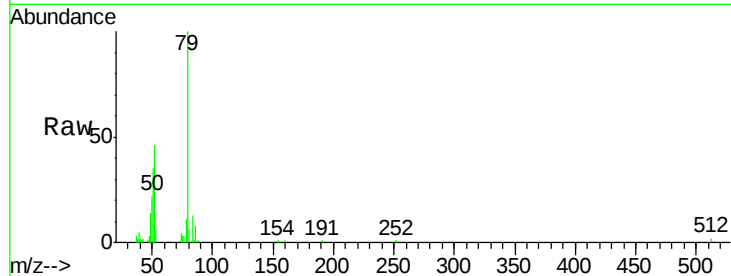
Tot Ion: 79 Resp: 37283

Ion Ratio Lower Upper

79 100

52 46.5 40.8 61.2

51 35.3 21.9 32.9#



#4

n-Nitrosodimethylamine

Concen: 6.824 ng

RT: 3.74 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

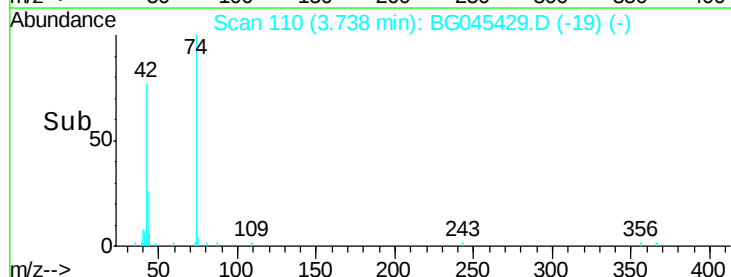
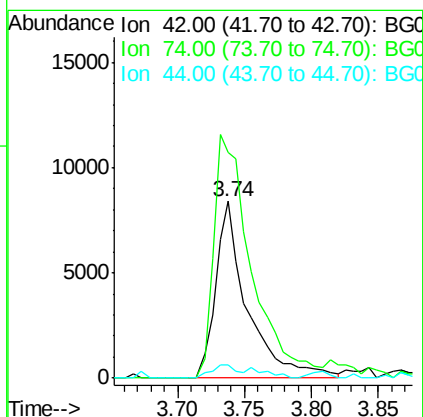
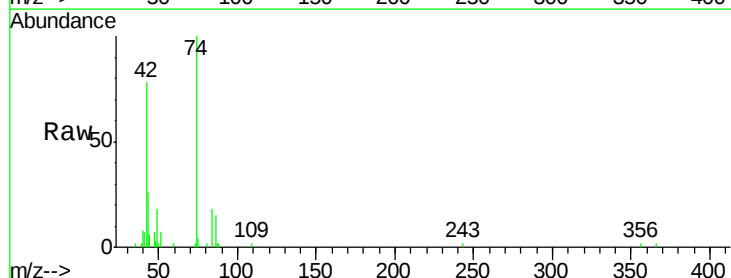
Tgt Ion: 42 Resp: 13883

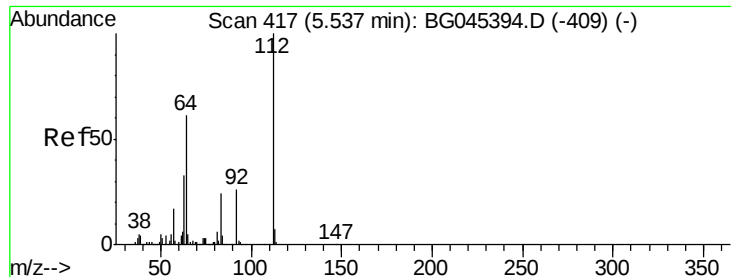
Ion Ratio Lower Upper

42 100

74 127.7 141.3 211.9#

44 7.3 4.2 6.4#





#5

2-Fluorophenol

Concen: 115.859 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045429.D

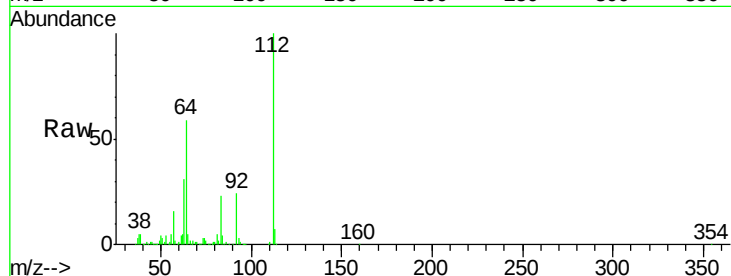
Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

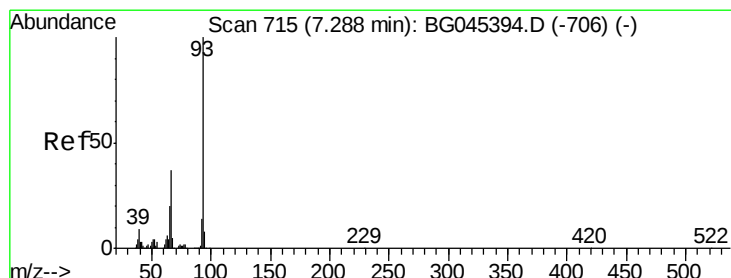
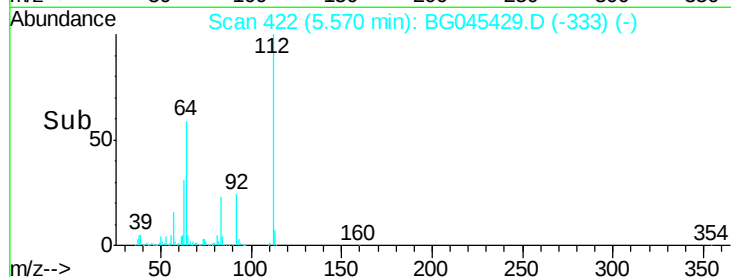
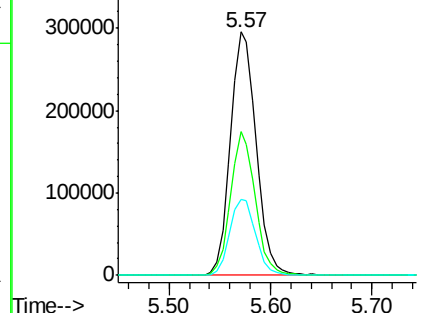
Tot Ion:	112	Resp:	521551
Ion	Ratio	Lower	Upper
112	100		
64	58.8	48.6	72.8
63	31.3	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.912 ng

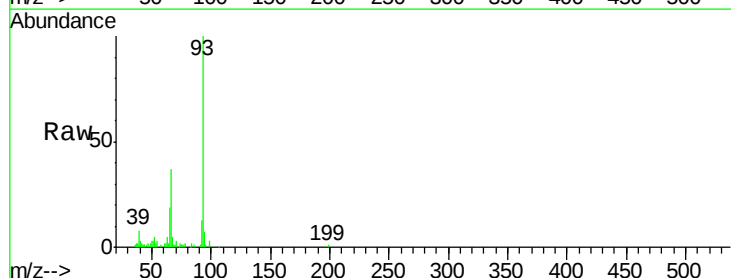
RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

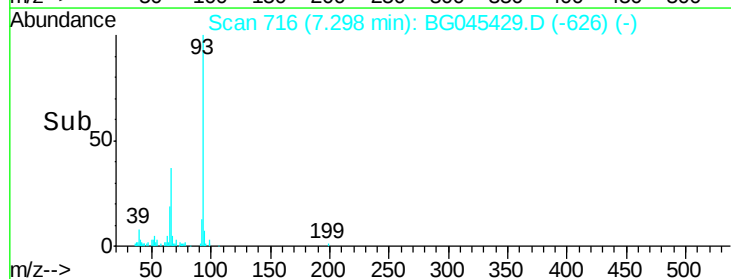
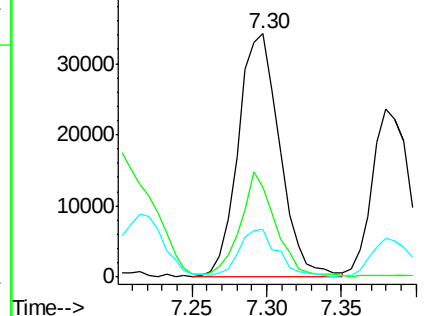
Tgt Ion:	93	Resp:	66178
Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.6	44.4
65	19.4	15.9	23.9

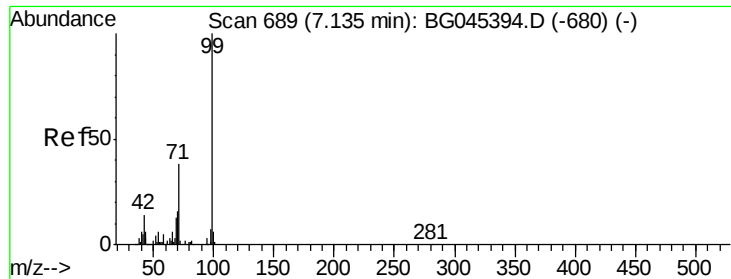


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.730 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampled :

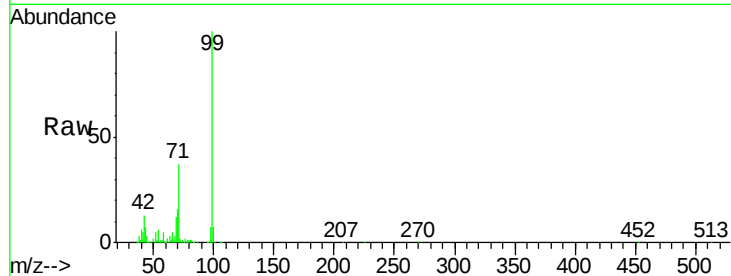
Tot Ion: 99 Resp: 754314

Ion Ratio Lower Upper

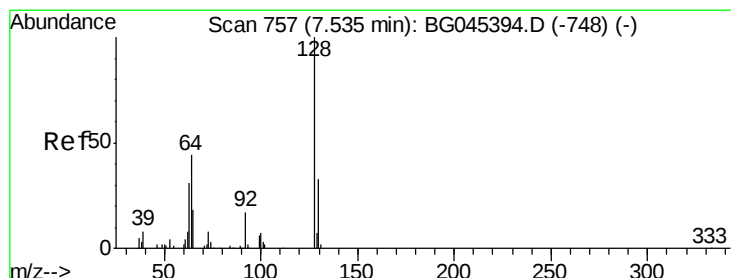
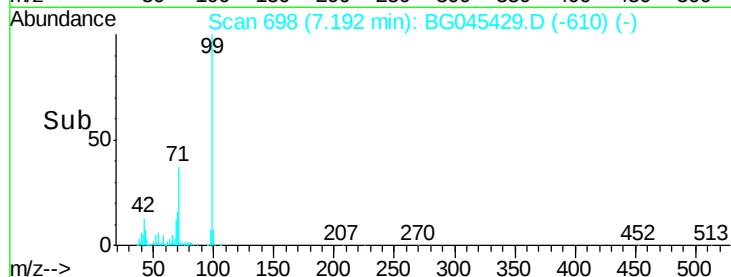
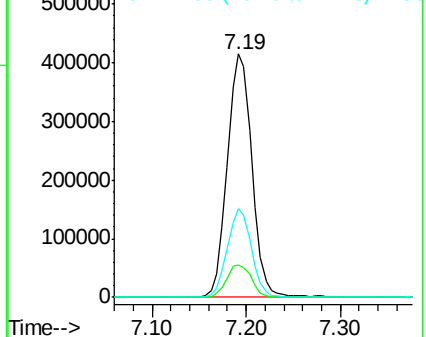
99 100

42 13.5 11.3 16.9

71 36.6 30.8 46.2



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: 8.043 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

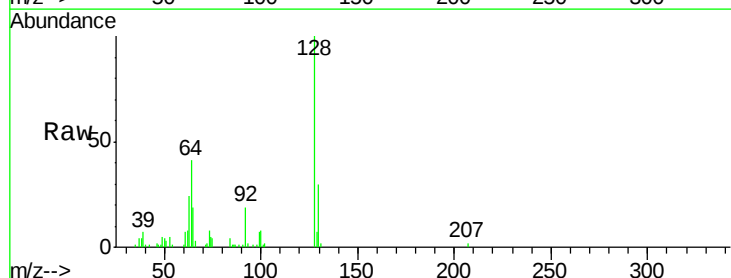
Tgt Ion: 128 Resp: 39707

Ion Ratio Lower Upper

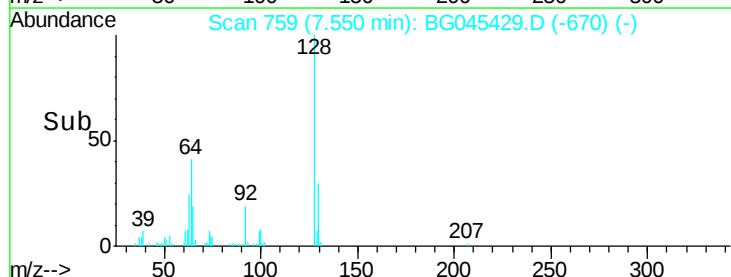
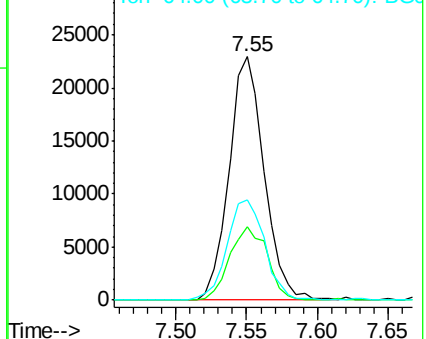
128 100

130 30.1 12.6 52.6

64 41.4 27.0 67.0



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: 9.116 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampled :

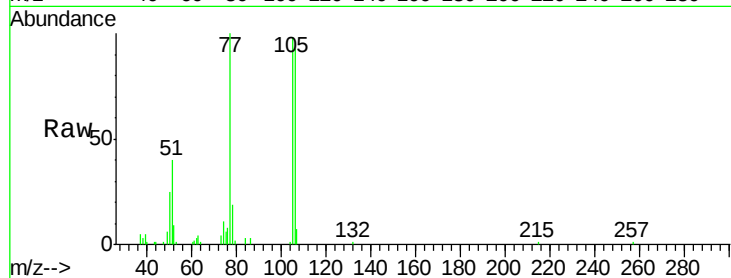
Tot Ion: 77 Resp: 38052

Ion Ratio Lower Upper

77 100

105 97.7 68.5 108.5

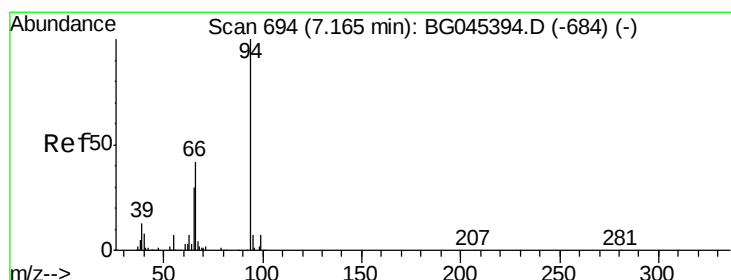
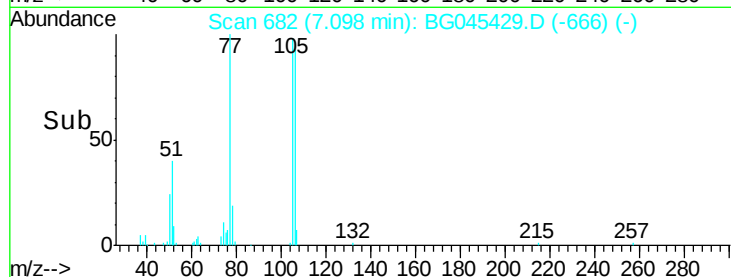
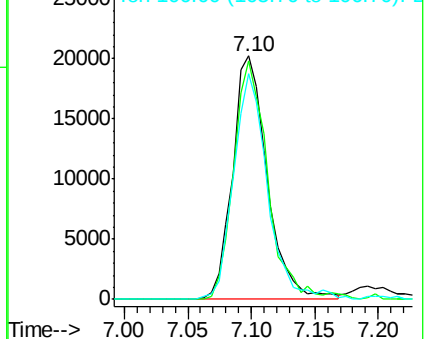
106 92.6 71.6 111.6



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: 8.095 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

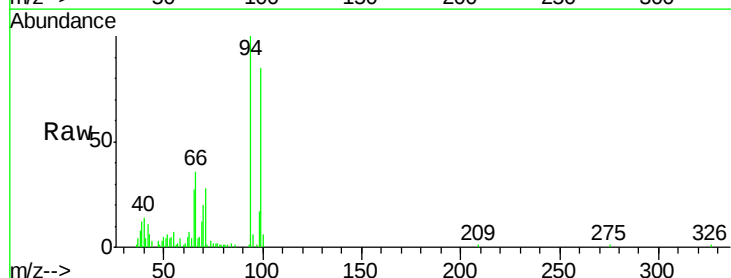
Tgt Ion: 94 Resp: 53456

Ion Ratio Lower Upper

94 100

65 26.7 9.8 49.8

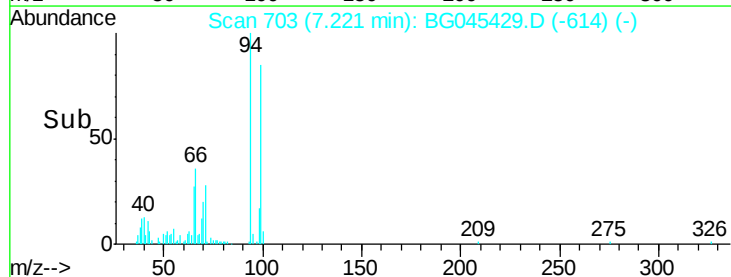
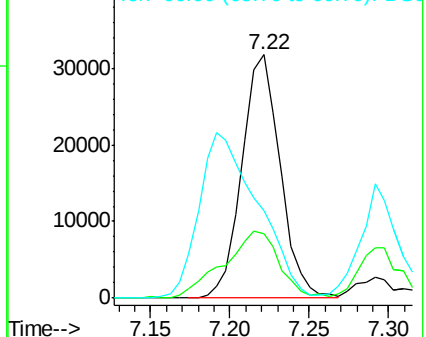
66 36.1 22.0 62.0

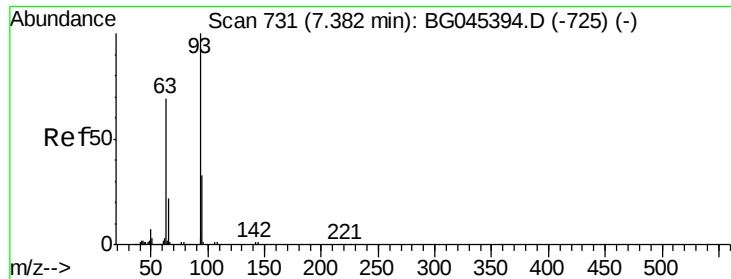


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

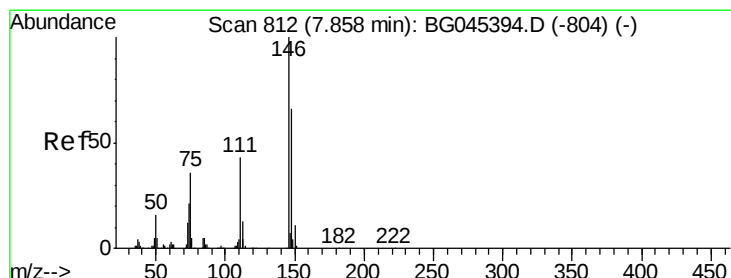
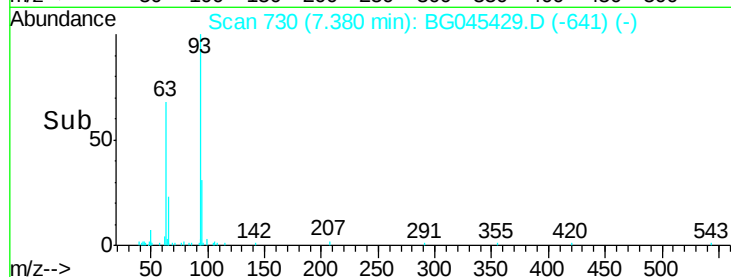
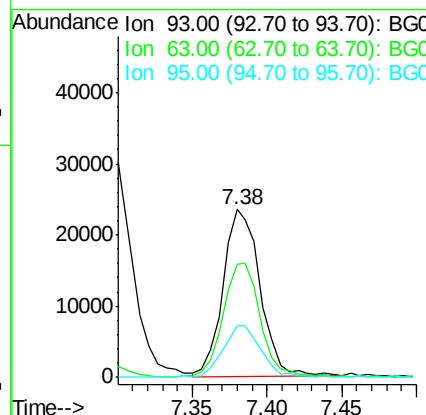
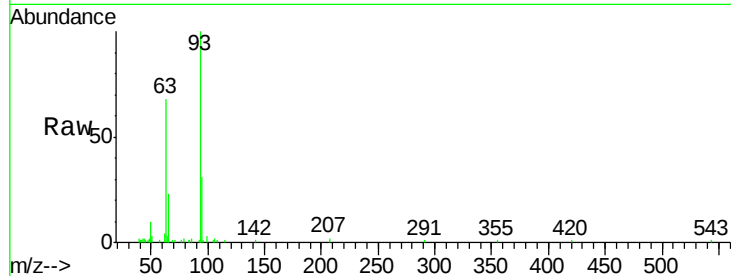




#11
bis(2-Chloroethyl)ether
Concen: 7.900 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

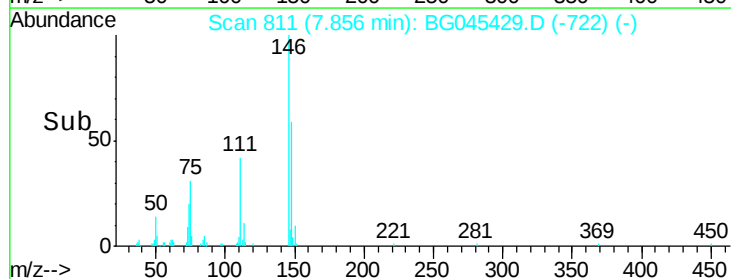
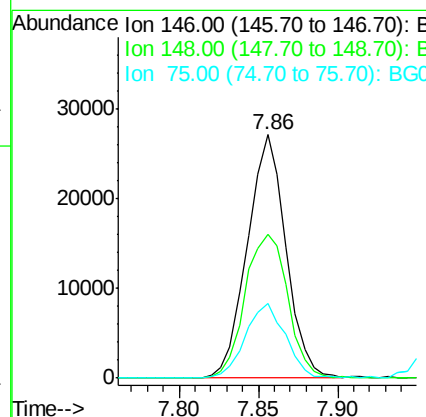
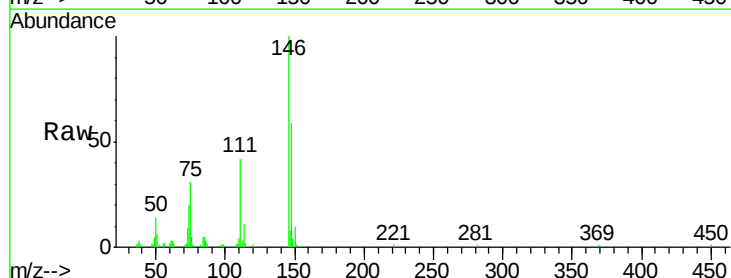
Instrument :
BNA_G
ClientSampleId :

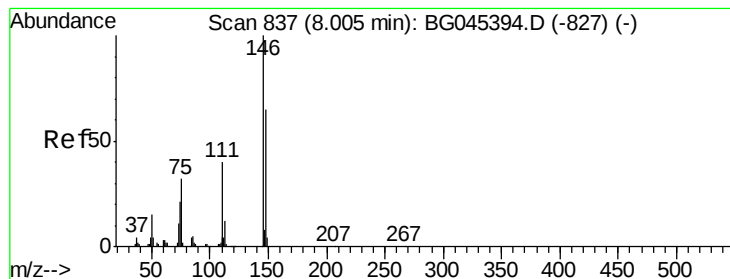
Tot Ion	93.00	Resp	40690
Ion	Ratio	Lower	Upper
93	100		
63	67.7	48.4	88.4
95	30.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 7.692 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	146	Resp	45633
Ion	Ratio	Lower	Upper
146	100		
148	59.2	53.2	79.8
75	30.5	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 8.184 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

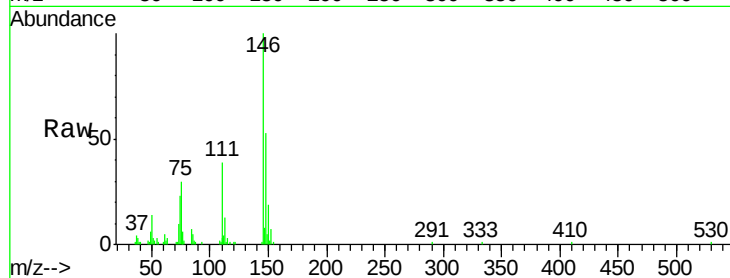
Tot Ion:146 Resp: 47911

Ion Ratio Lower Upper

146 100

148 53.2 51.8 77.8

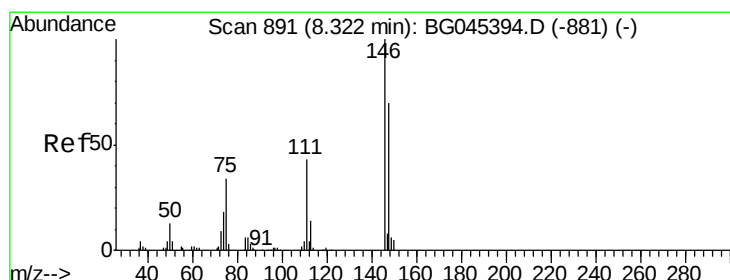
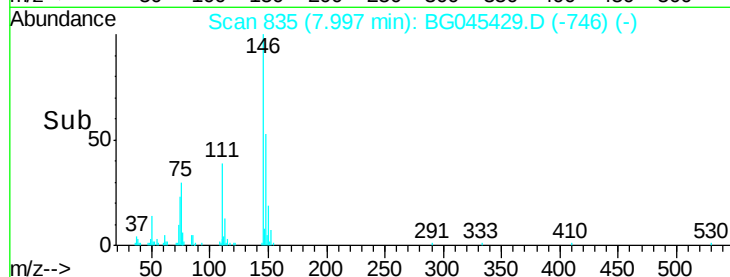
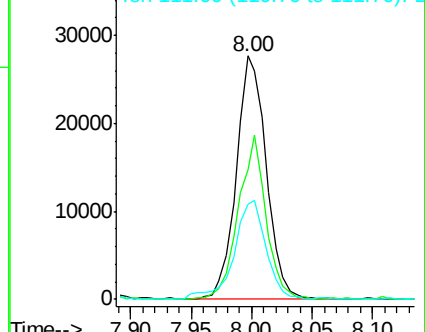
111 39.1 32.1 48.1



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: 7.982 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

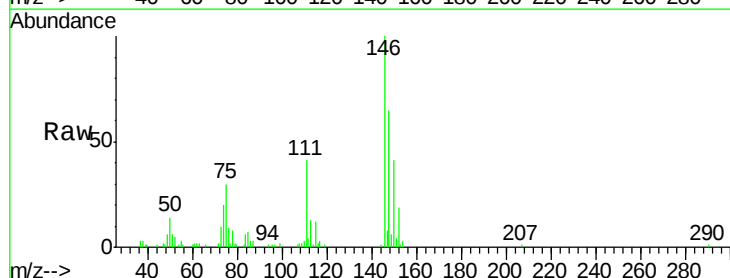
Tgt Ion:146 Resp: 44946

Ion Ratio Lower Upper

146 100

148 64.8 55.9 83.9

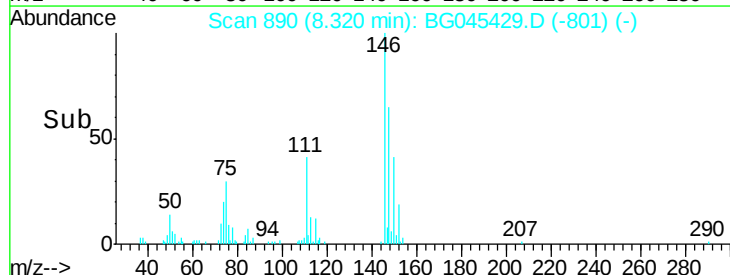
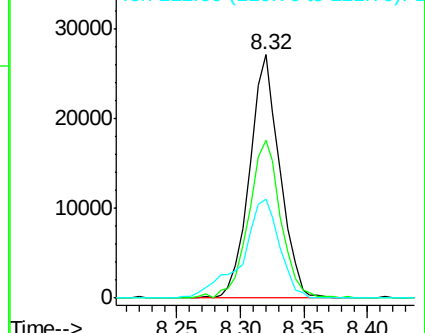
111 40.7 35.0 52.4

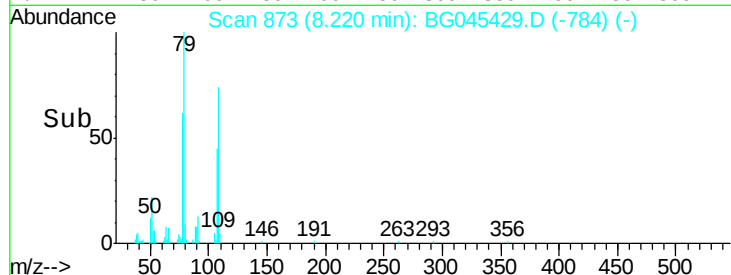
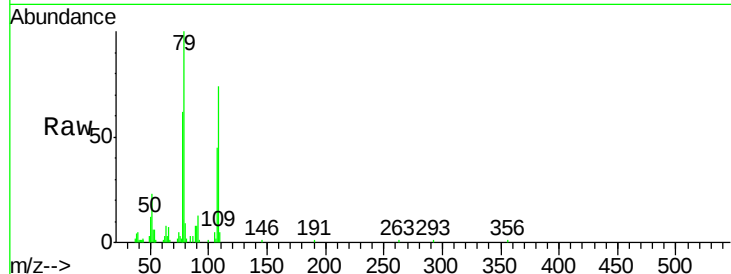


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.393 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

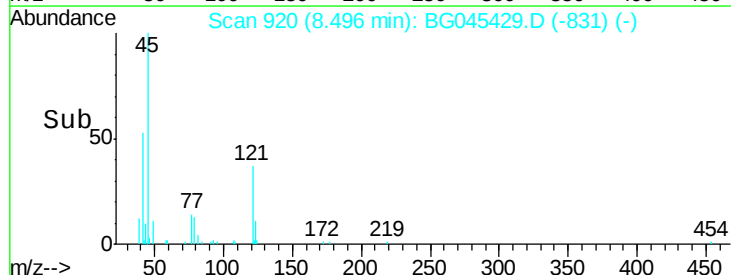
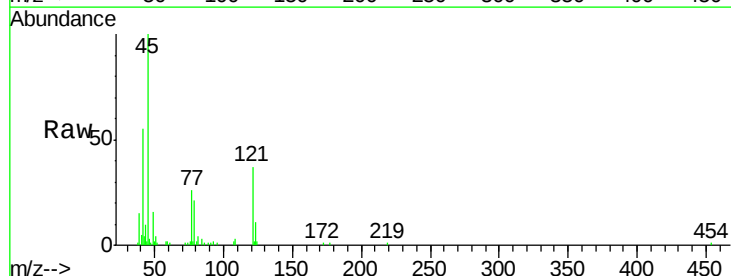
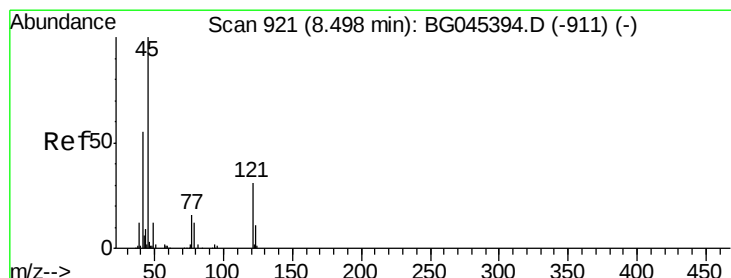
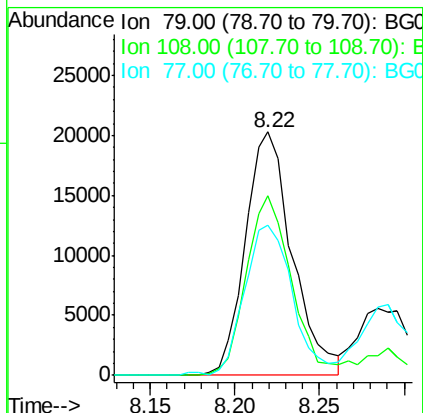
Tot Ion: 79 Resp: 39133

Ion Ratio Lower Upper

79 100

108 73.9 58.2 87.4

77 61.8 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.908 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

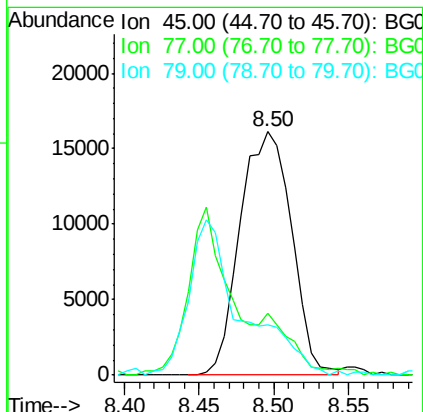
Tgt Ion: 45 Resp: 38665

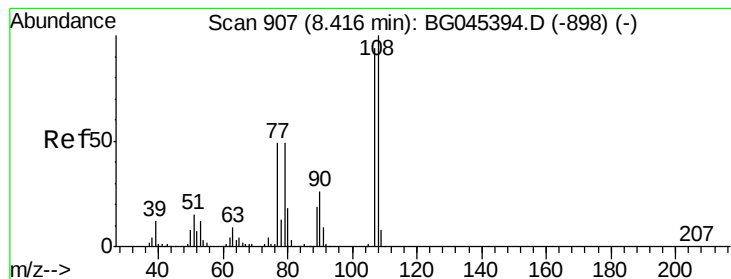
Ion Ratio Lower Upper

45 100

77 25.7 4.0 44.0

79 20.8 0.0 38.6

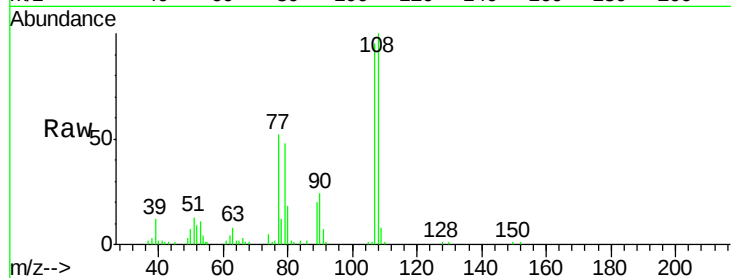




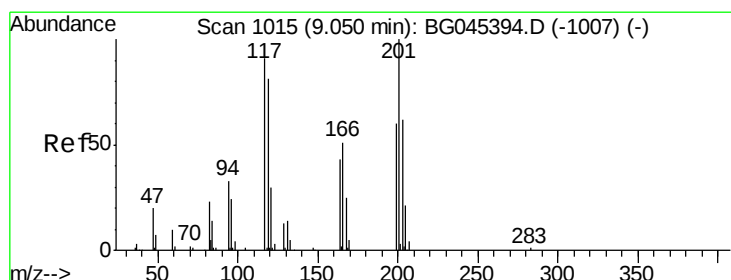
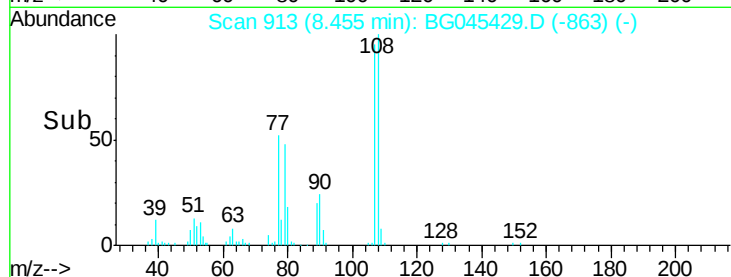
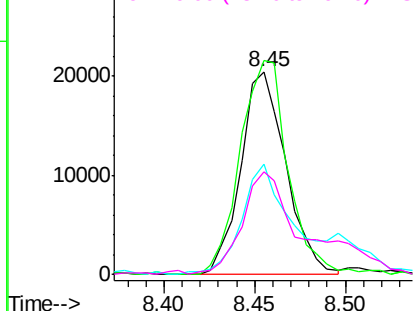
#17
2-Methylphenol
Concen: 7.173 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	35454
Ion	Ratio	Lower	Upper
107	100		
108	105.6	85.2	127.8
77	54.6	41.6	62.4
79	50.4	41.8	62.8

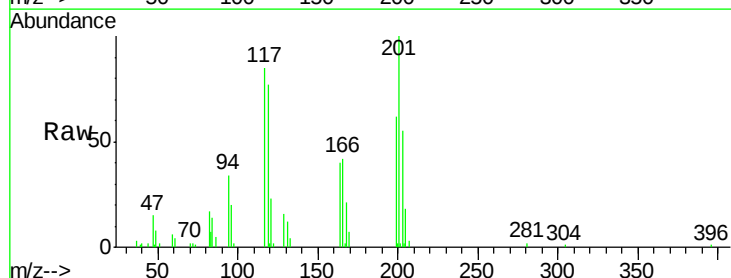


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

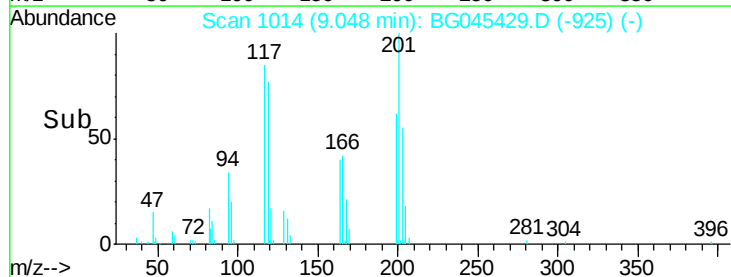
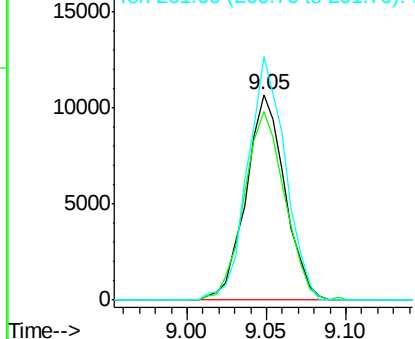


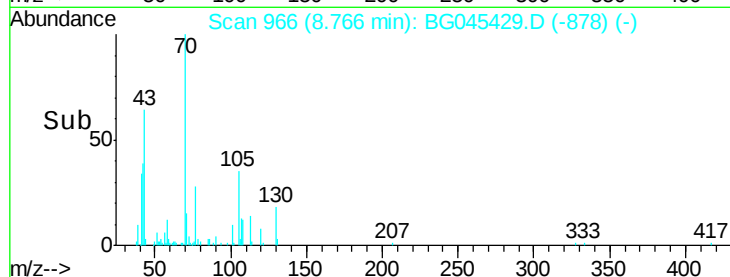
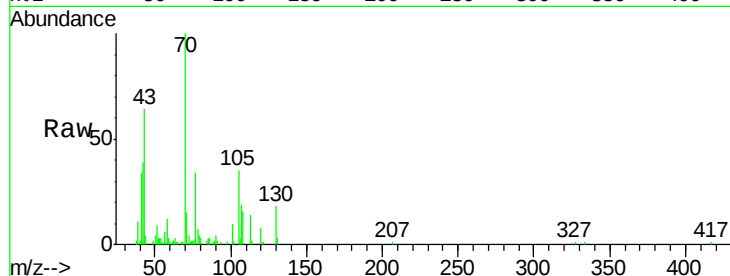
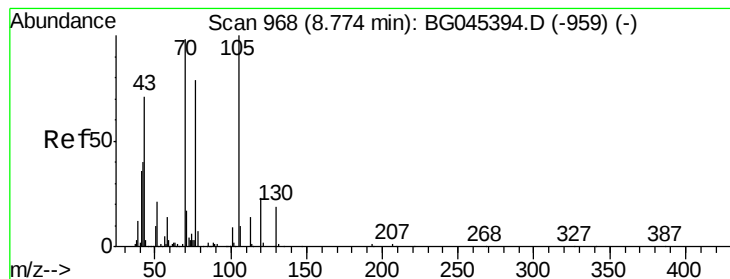
#18
Hexachloroethane
Concen: 8.133 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:	117	Resp:	18237
Ion	Ratio	Lower	Upper
117	100		
119	91.4	71.3	106.9
201	118.3	87.5	131.3



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: 8.339 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 36949

Ion Ratio Lower Upper

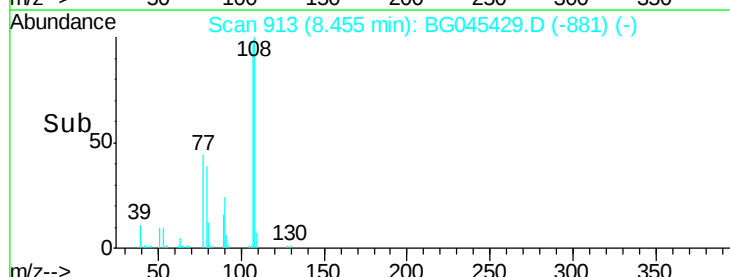
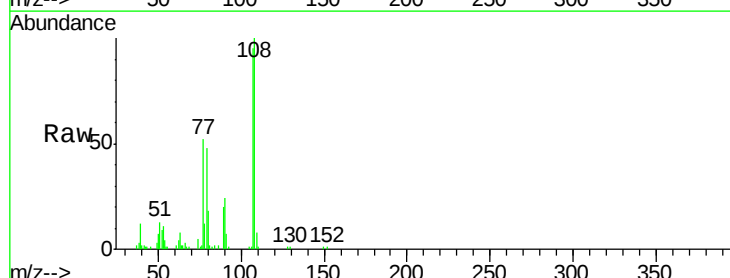
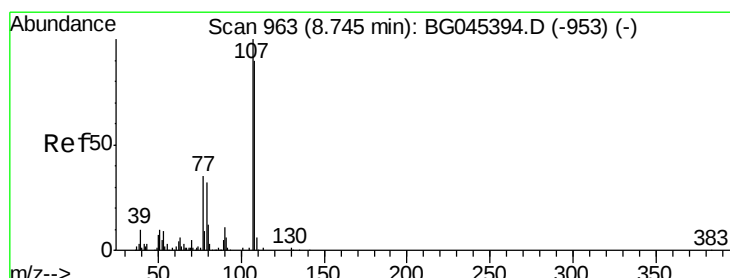
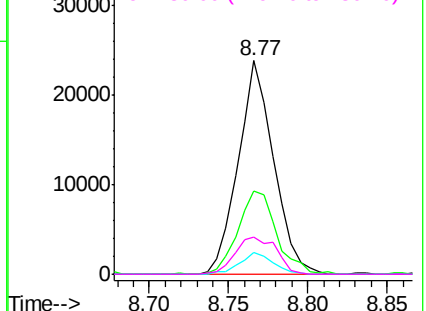
70 100

42 39.1 33.2 49.8

101 10.1 7.8 11.6

130 17.7 15.4 23.2

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



#20

3+4-Methylphenols

Concen: 5.268 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.34 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion: 107 Resp: 35454

Ion Ratio Lower Upper

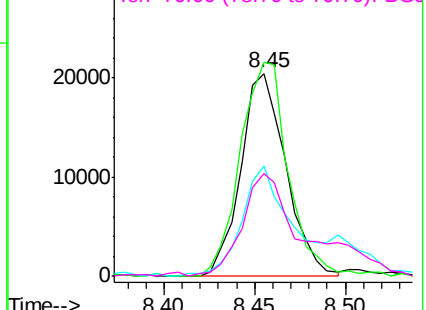
107 100

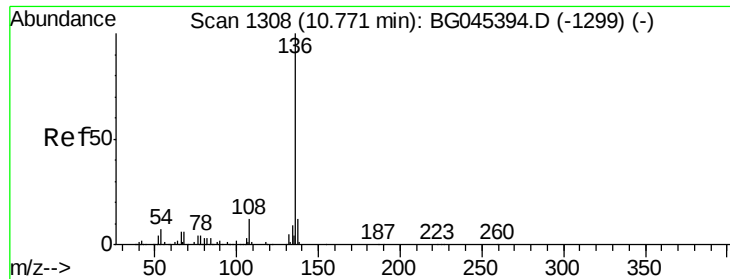
108 105.6 70.3 110.3

77 54.6 15.4 55.4

79 50.4 12.6 52.6

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

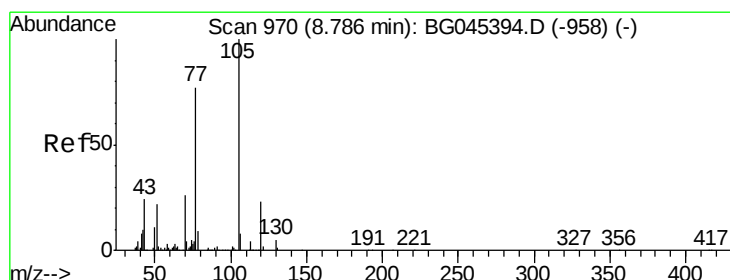
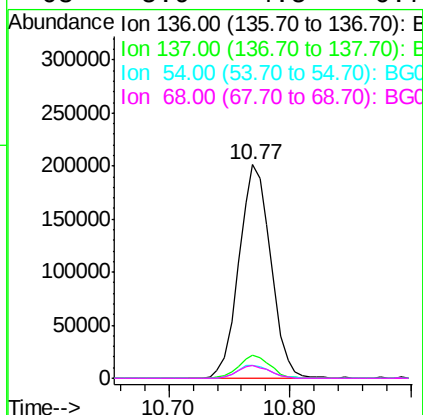
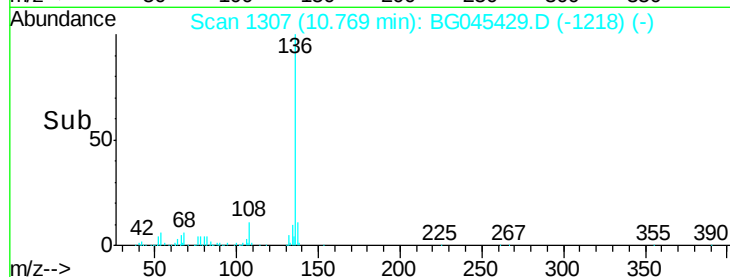
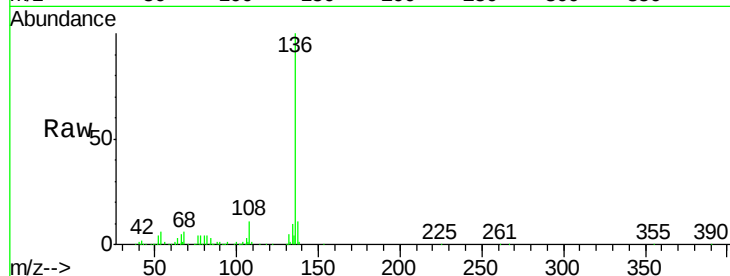




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

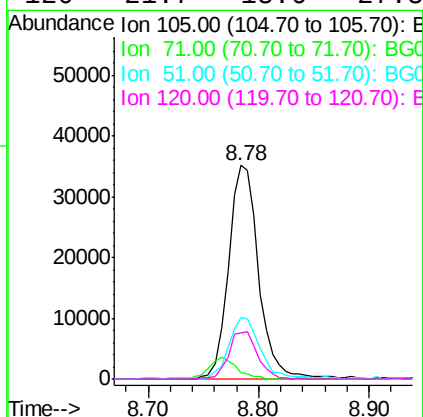
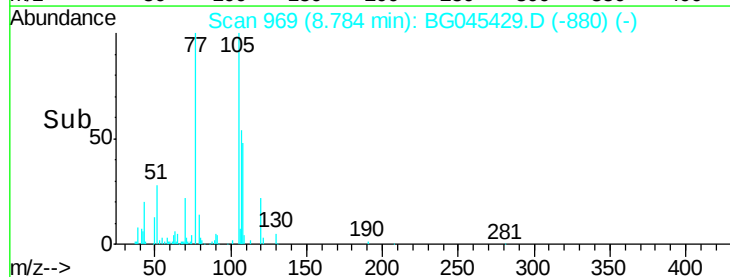
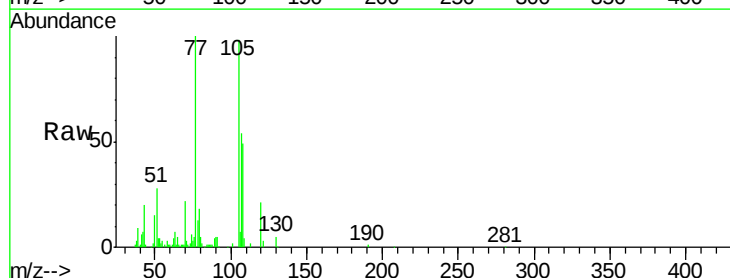
Instrument :
BNA_G
ClientSampleId :

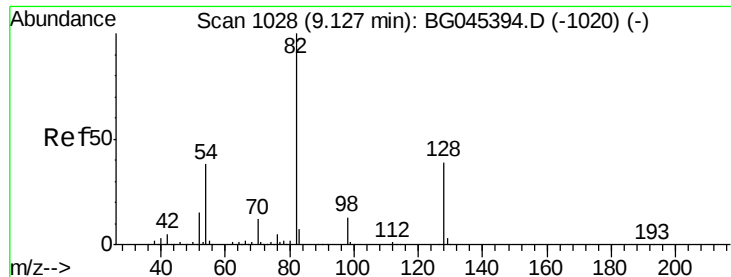
Tot Ion:136	Resp:	369080
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.4 14.2
54	6.2	5.8 8.6
68	5.9	4.5 6.7



#22
Acetophenone
Concen: 7.668 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:105	Resp:	67076
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.4 5.0#
51	28.5	18.2 27.2#
120	21.7	18.6 27.8

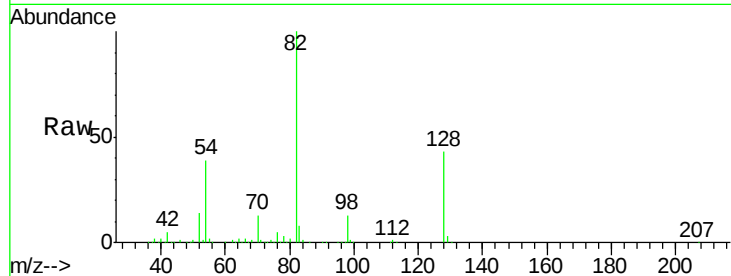




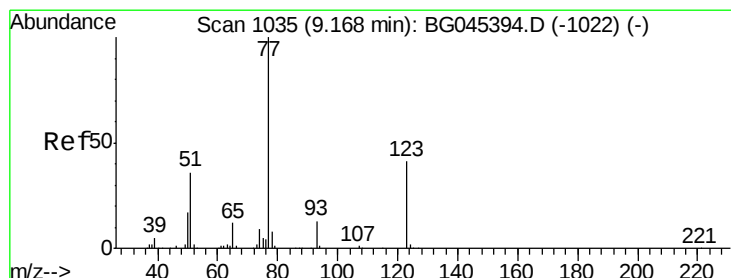
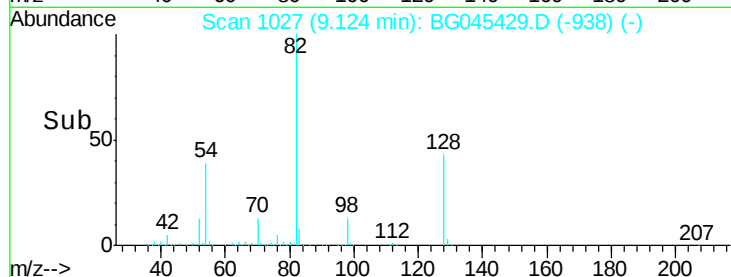
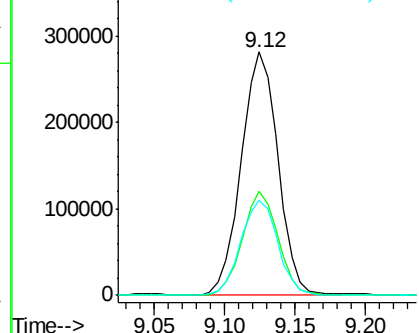
#23
 Nitrobenzene-d5
 Concen: 75.864 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	513461
Ion Ratio	Lower	Upper	
82	100		
128	42.8	30.9	46.3
54	39.2	30.3	45.5

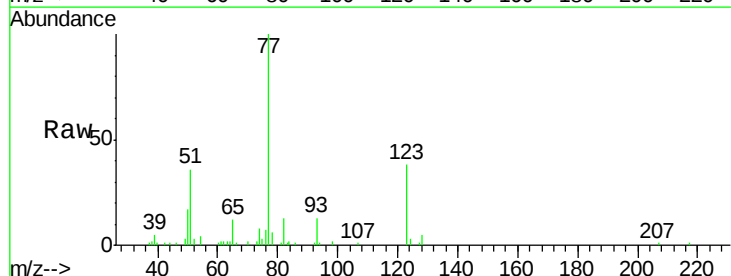


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

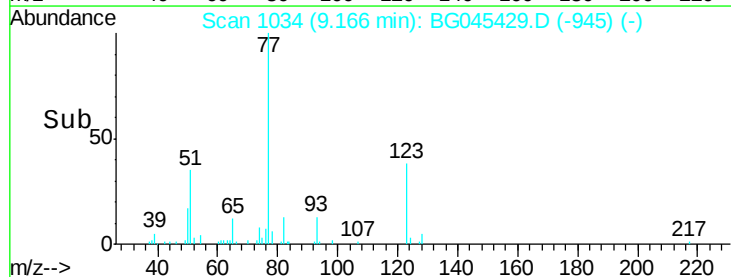
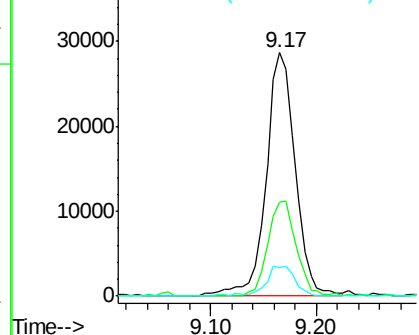


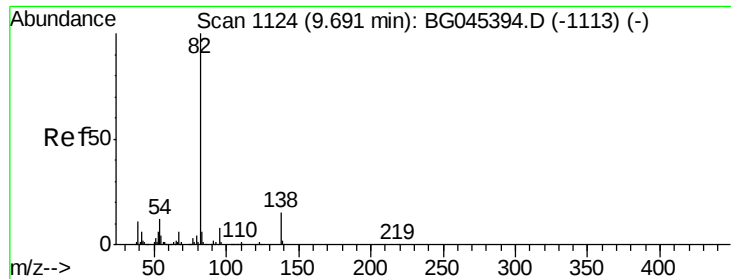
#24
 Nitrobenzene
 Concen: 7.554 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion	77	Resp	54778
Ion Ratio	Lower	Upper	
77	100		
123	38.4	32.9	49.3
65	11.6	9.4	14.2



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: 7.826 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

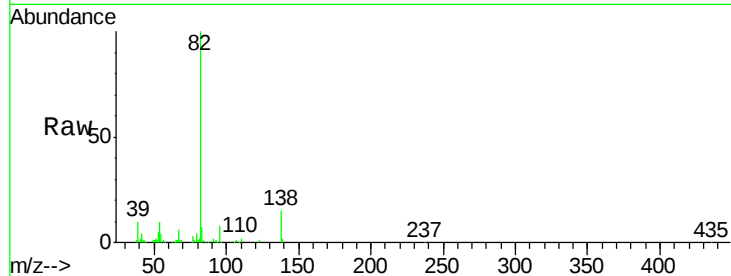
Tot Ion: 82 Resp: 104319

Ion Ratio Lower Upper

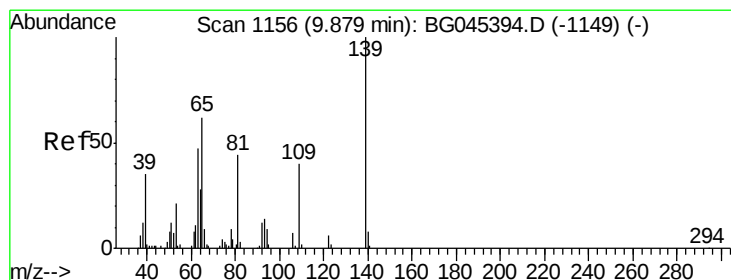
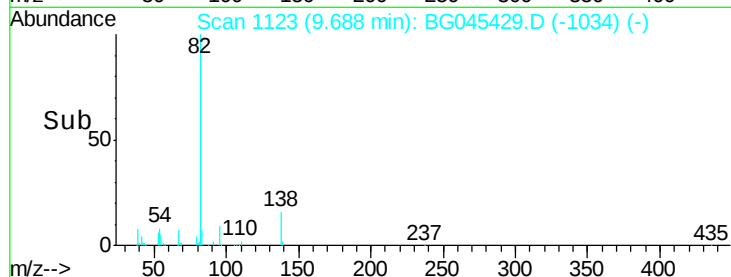
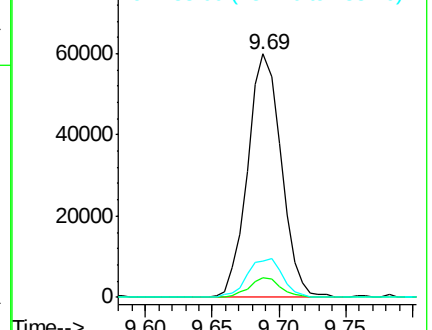
82 100

95 8.2 6.7 10.1

138 14.8 12.2 18.4



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: 7.544 ng

RT: 9.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

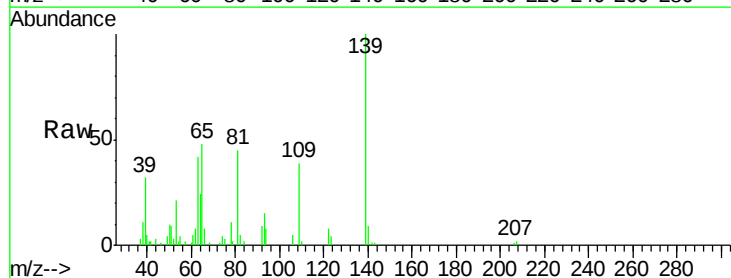
Tgt Ion: 139 Resp: 23402

Ion Ratio Lower Upper

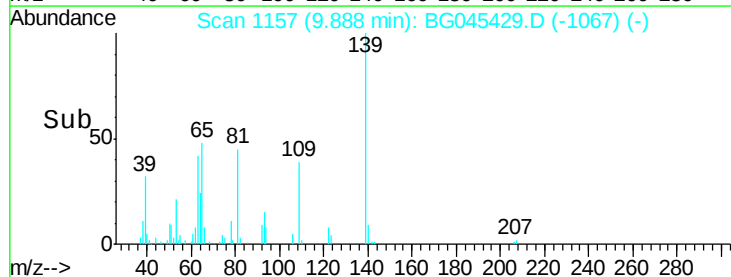
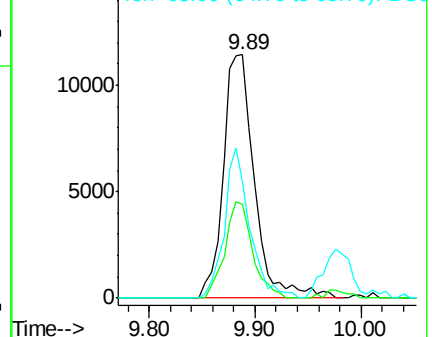
139 100

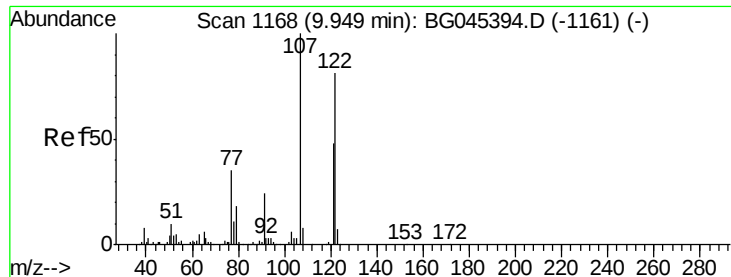
109 38.6 32.2 48.4

65 48.0 49.6 74.4#



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

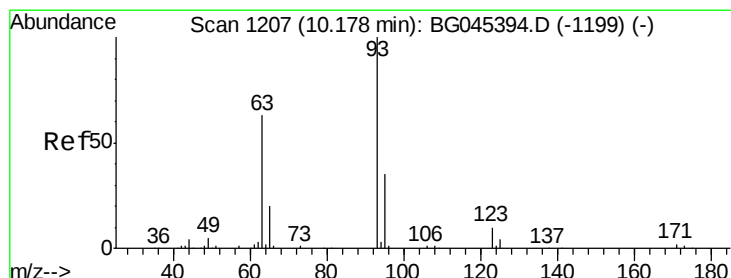
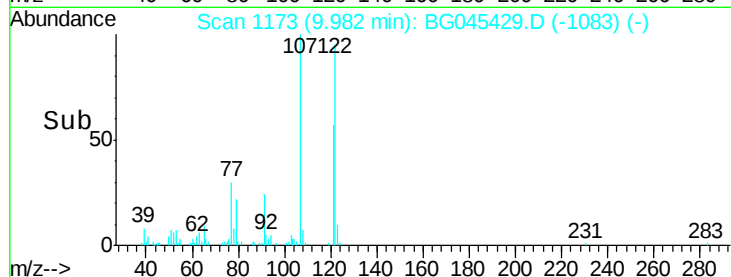
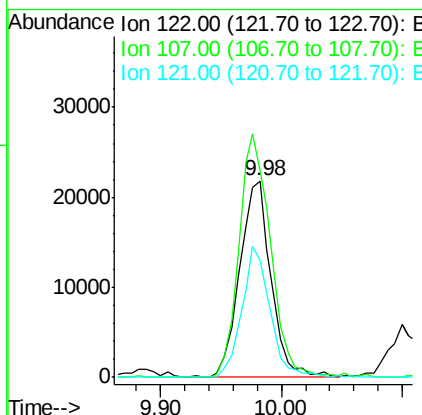
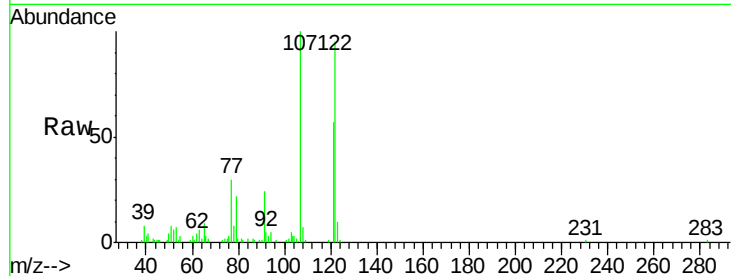




#27
 2,4-Dimethylphenol
 Concen: 8.573 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

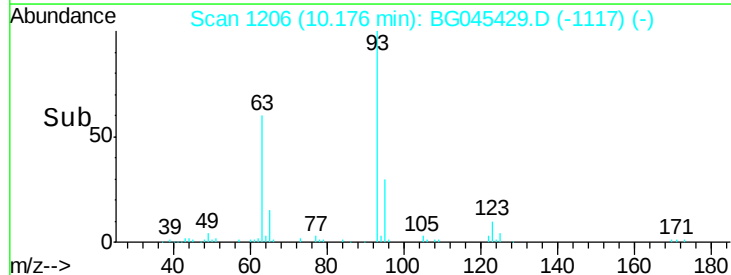
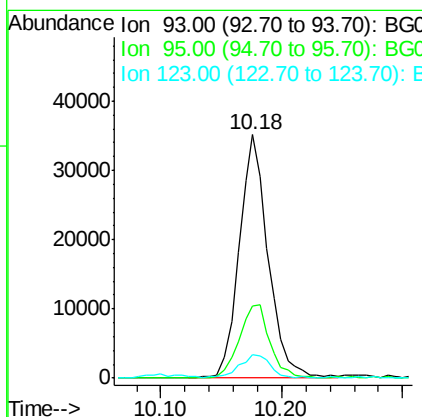
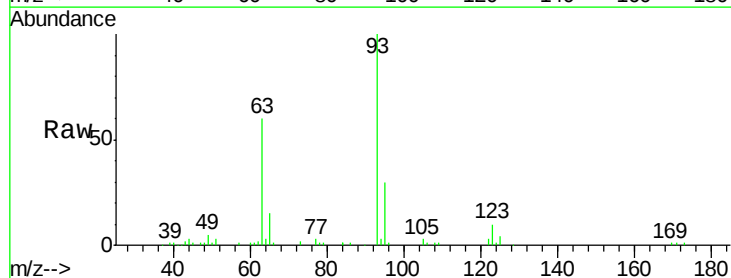
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 39441
 Ion Ratio Lower Upper
 122 100
 107 104.9 99.0 148.4
 121 59.5 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.381 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion: 93 Resp: 58584
 Ion Ratio Lower Upper
 93 100
 95 29.7 27.6 41.4
 123 9.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 7.472 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

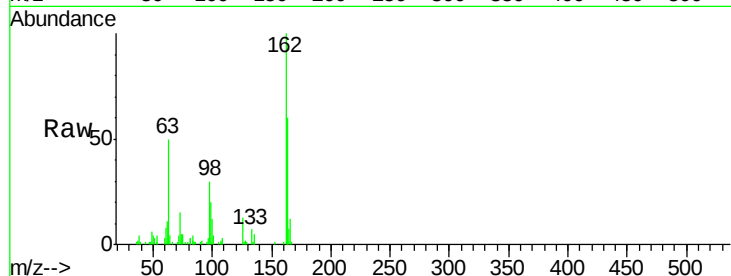
Tot Ion:162 Resp: 40596

Ion Ratio Lower Upper

162 100

164 60.5 46.8 86.8

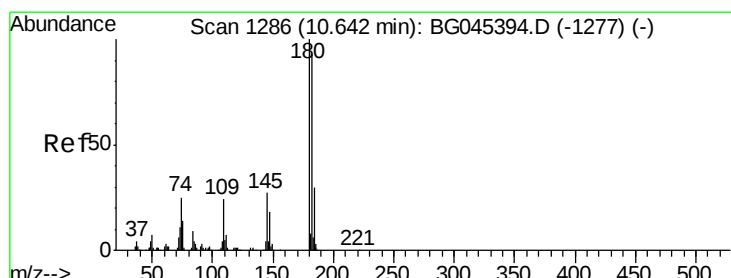
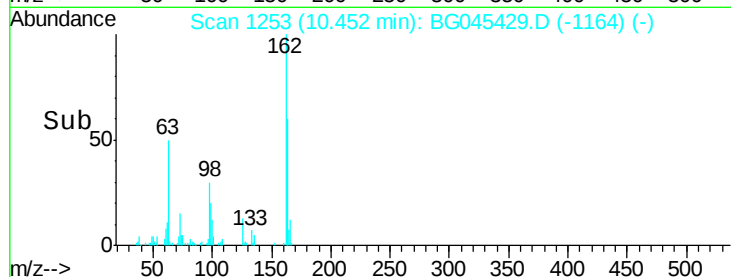
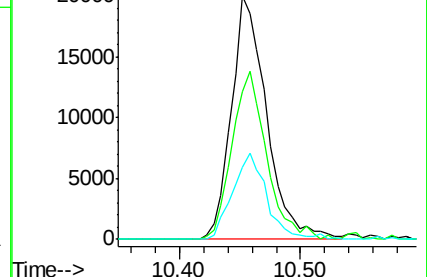
98 29.8 15.2 55.2



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: 7.653 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

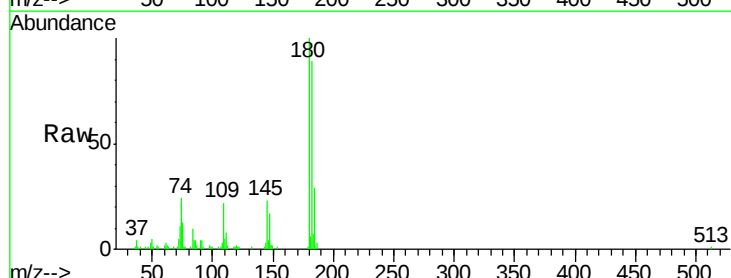
Tgt Ion:180 Resp: 49129

Ion Ratio Lower Upper

180 100

182 89.1 74.8 112.2

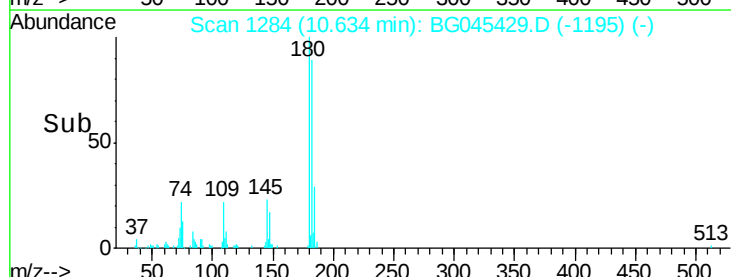
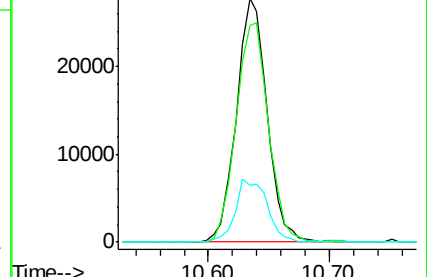
145 23.2 21.9 32.9

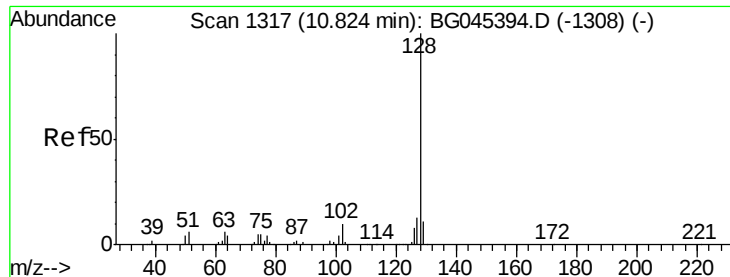


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

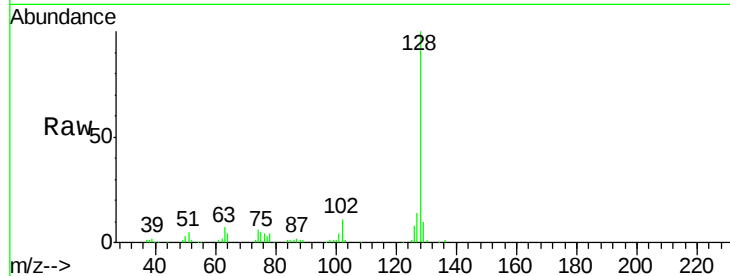




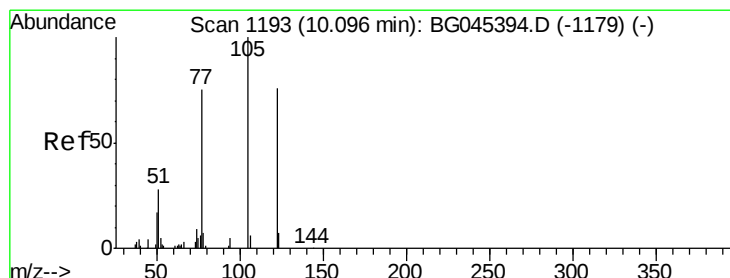
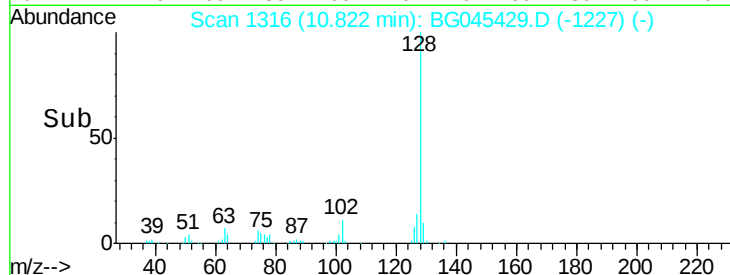
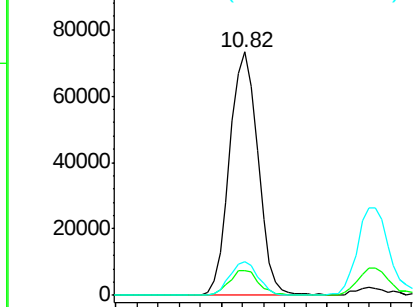
#31
Naphthalene
Concen: 7.937 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:128	Resp:	136503
Ion Ratio	Lower	Upper
128	100	
129	9.9	9.0 13.6
127	13.6	10.7 16.1

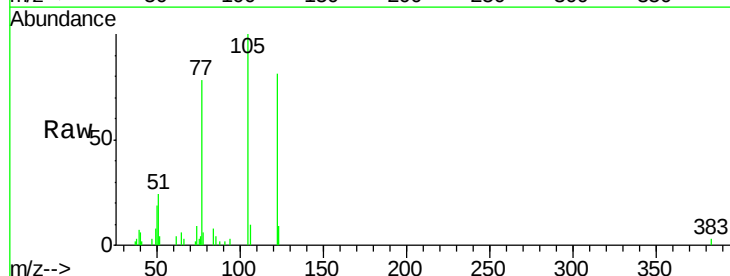


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

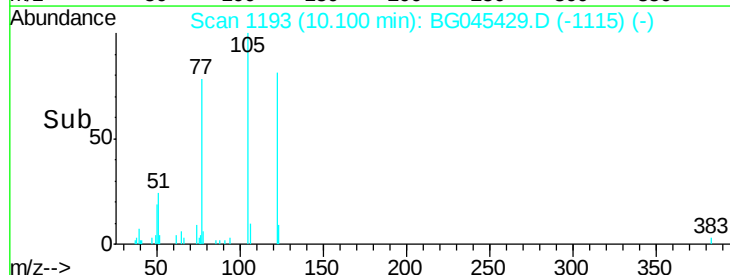
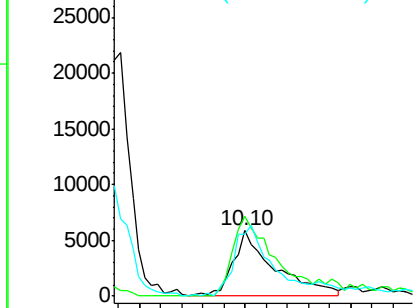


#32
Benzoic acid
Concen: 5.776 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:122	Resp:	15959
Ion Ratio	Lower	Upper
122	100	
105	122.8	107.9 147.9
77	95.7	78.9 118.9



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

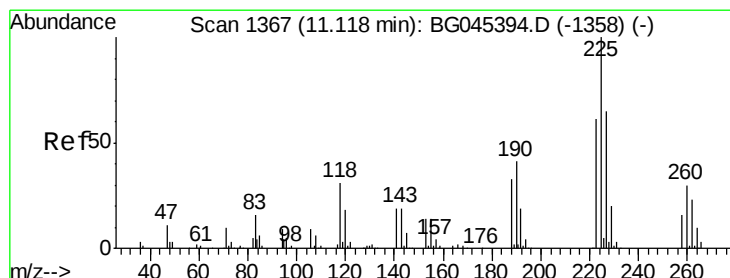
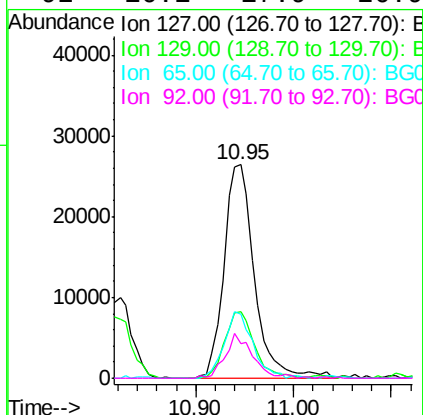
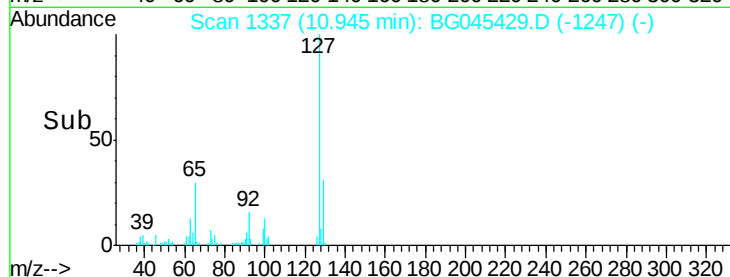
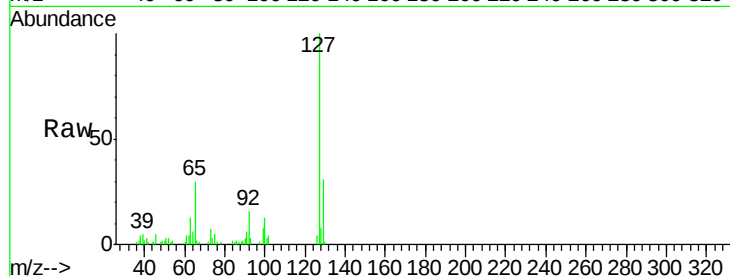




#33
4-Chloroaniline
Concen: 7.961 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

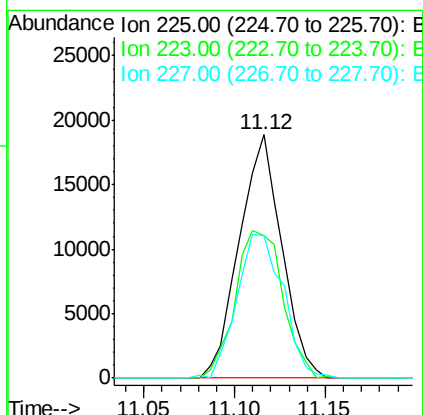
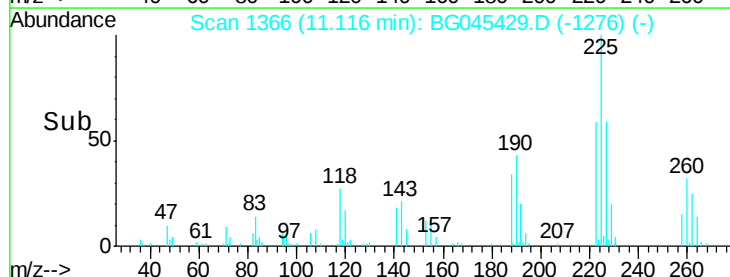
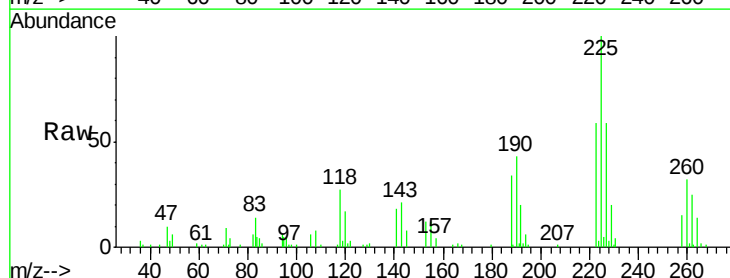
Instrument :
BNA_G
ClientSampleId :

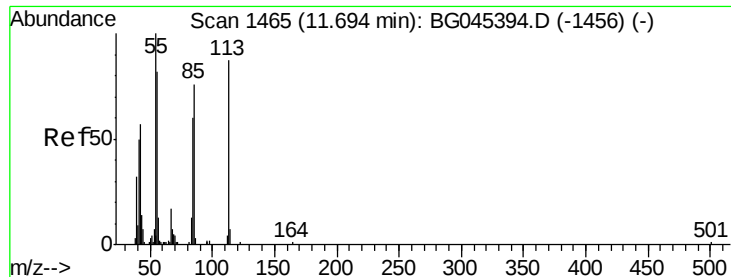
Tot Ion:	127	Resp:	57233
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	29.7	26.2	39.2
92	16.1	17.9	26.9



#34
Hexachlorobutadiene
Concen: 6.798 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:	225	Resp:	30849
Ion	Ratio	Lower	Upper
225	100		
223	58.6	49.1	73.7
227	58.5	52.0	78.0

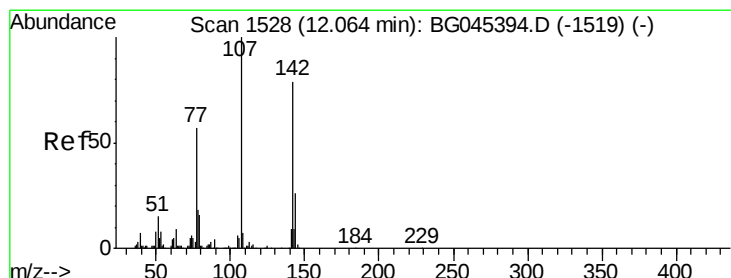
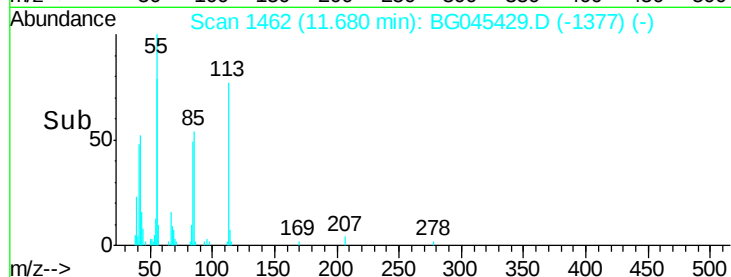
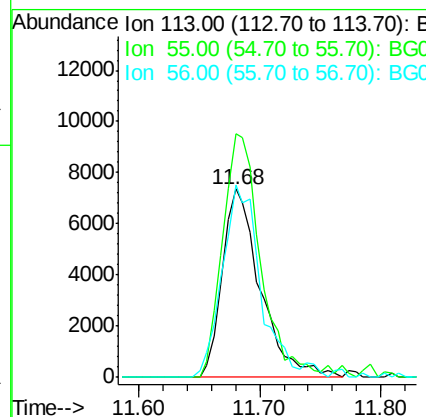
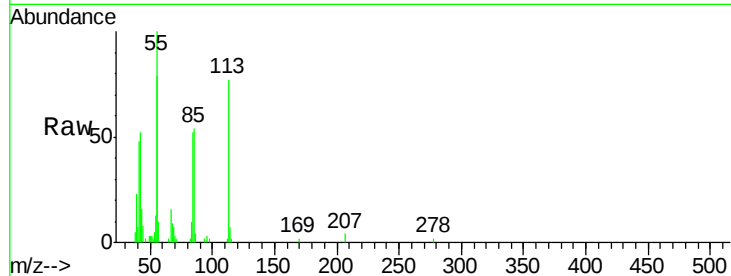




#35
 Caprolactam
 Concen: 8.057 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

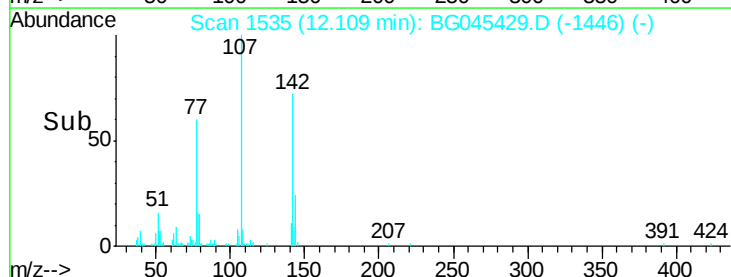
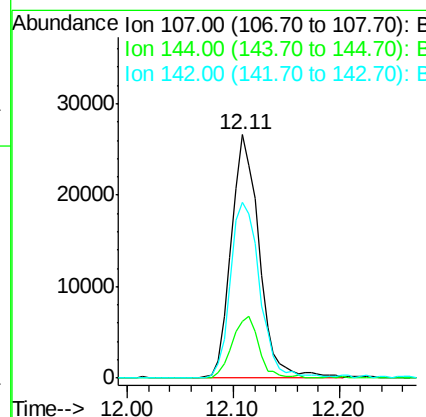
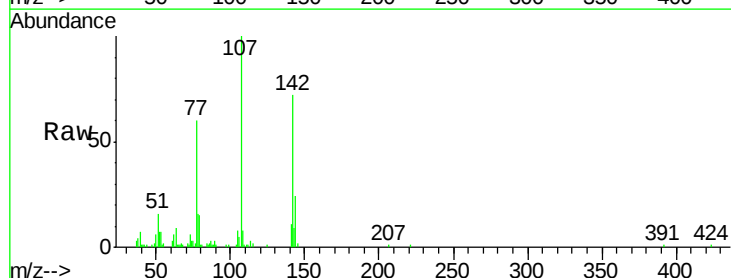
Instrument :
 BNA_G
 ClientSampleId :

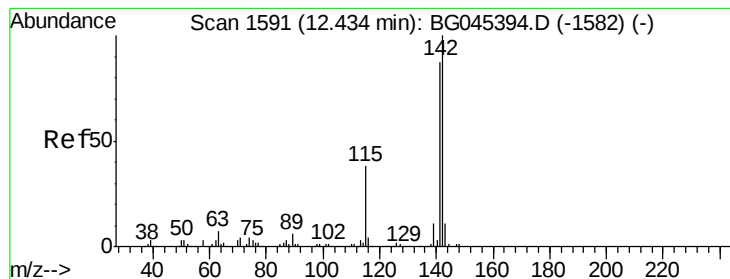
Tot Ion:113 Resp: 16067
 Ion Ratio Lower Upper
 113 100
 55 129.2 96.0 136.0
 56 101.8 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 7.978 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:107 Resp: 48845
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.8 31.2
 142 72.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 8.098 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

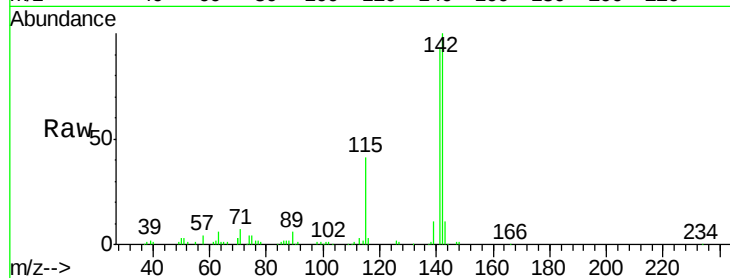
Tot Ion:142 Resp: 103803

Ion Ratio Lower Upper

142 100

141 93.1 70.0 105.0

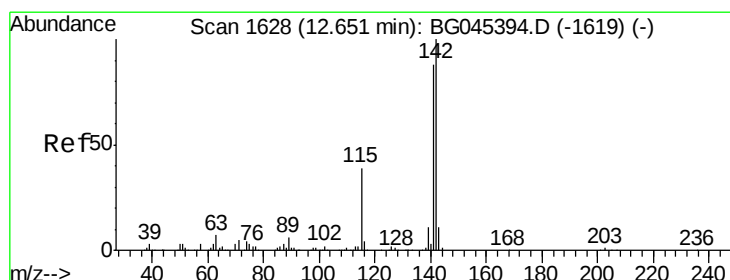
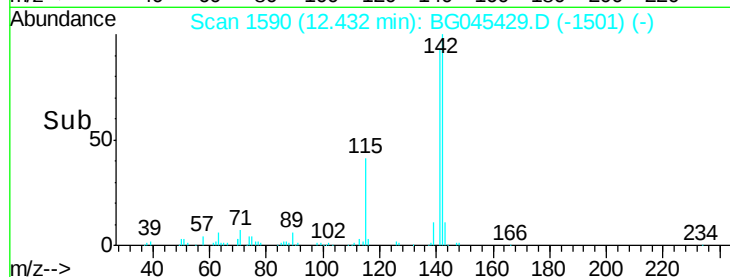
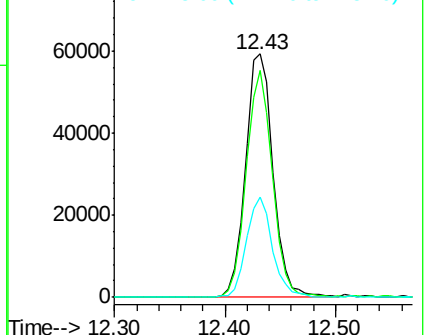
115 40.9 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.337 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

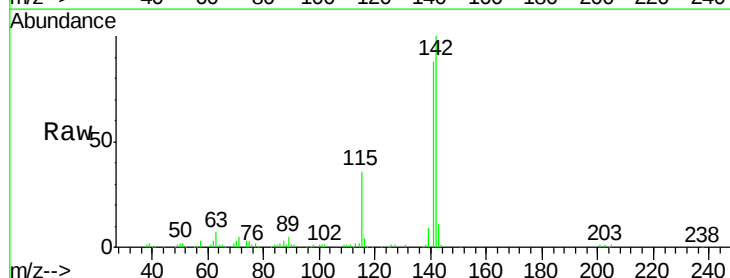
Tgt Ion:142 Resp: 100959

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

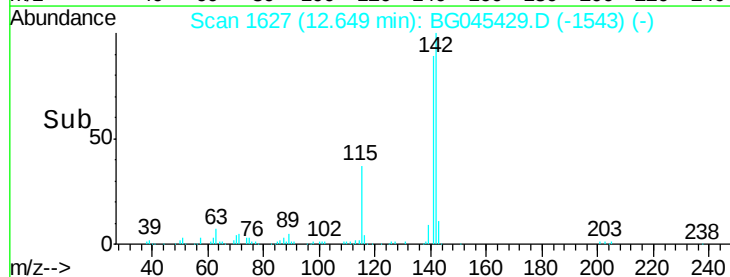
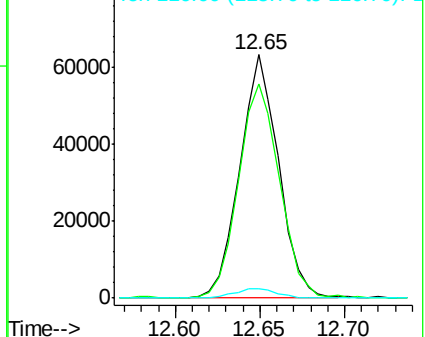
116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

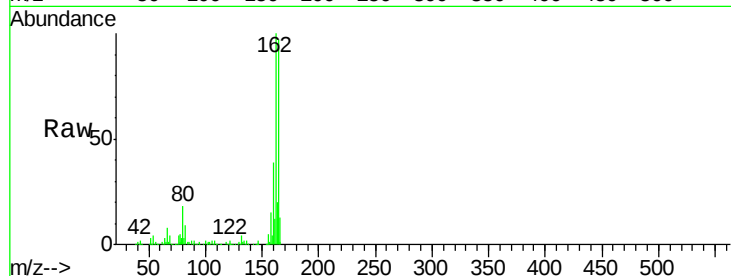
Tot Ion:164 Resp: 266428

Ion Ratio Lower Upper

164 100

162 102.8 76.9 115.3

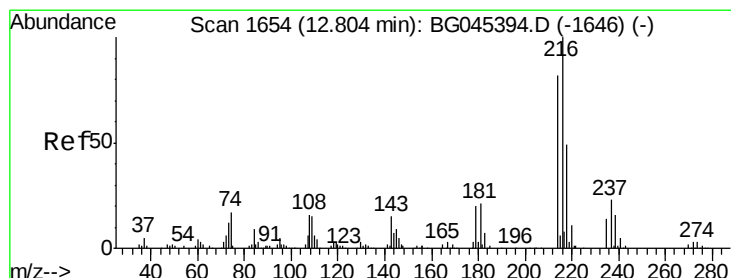
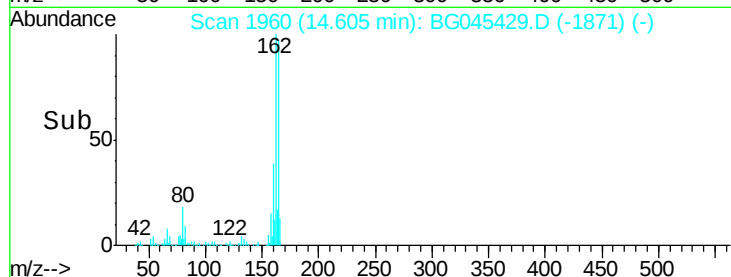
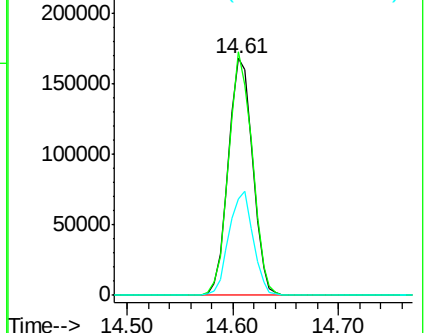
160 40.5 33.8 50.8



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: 7.935 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:216 Resp: 59051

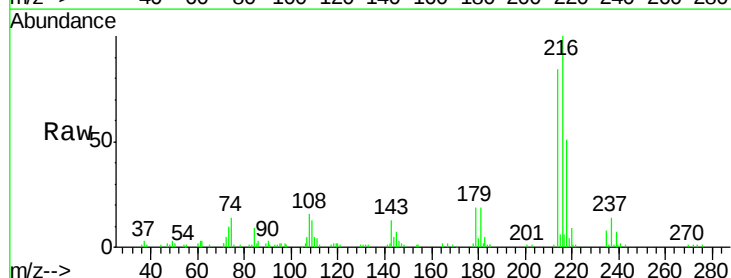
Ion Ratio Lower Upper

216 100

214 76.9 63.7 95.5

179 20.2 16.1 24.1

108 16.5 13.8 20.6

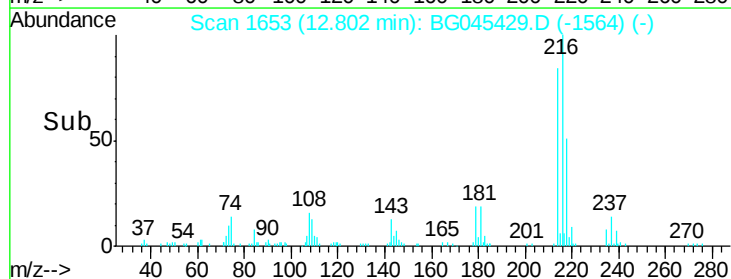
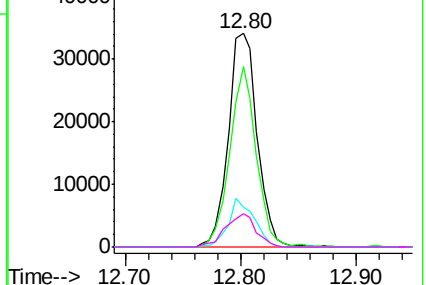


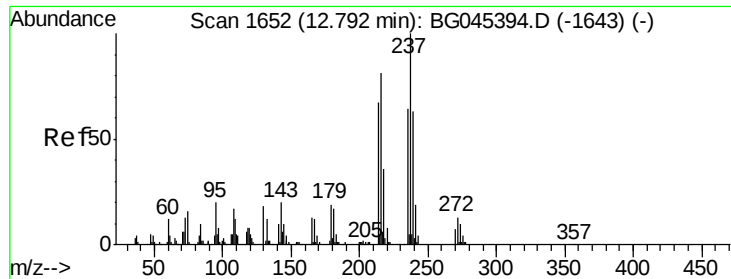
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 5.973 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

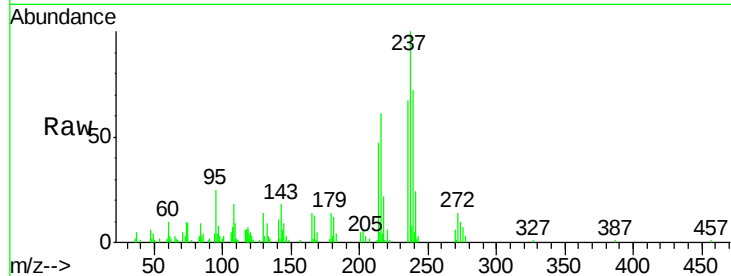
Tot Ion:237 Resp: 25655

Ion Ratio Lower Upper

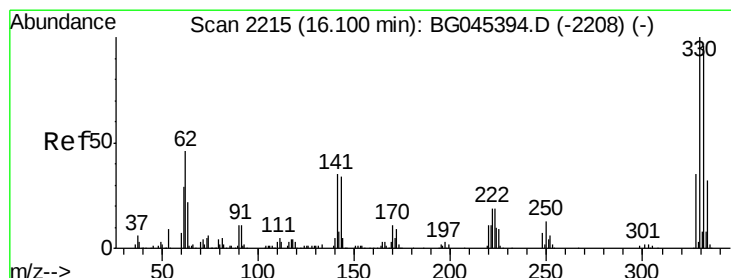
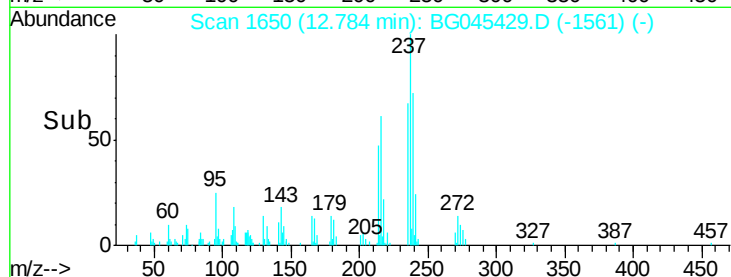
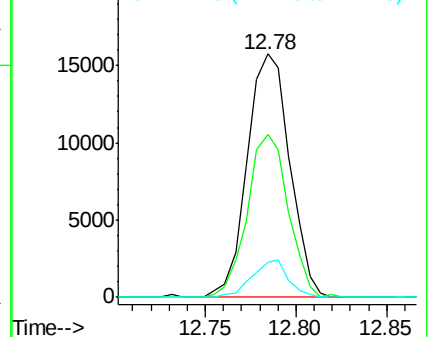
237 100

235 66.9 44.4 84.4

272 14.3 0.0 32.5



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: 117.990 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

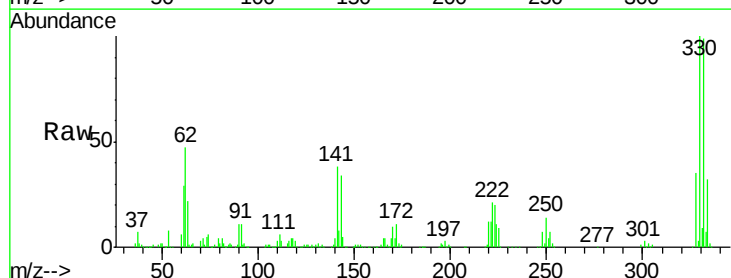
Tgt Ion:330 Resp: 402028

Ion Ratio Lower Upper

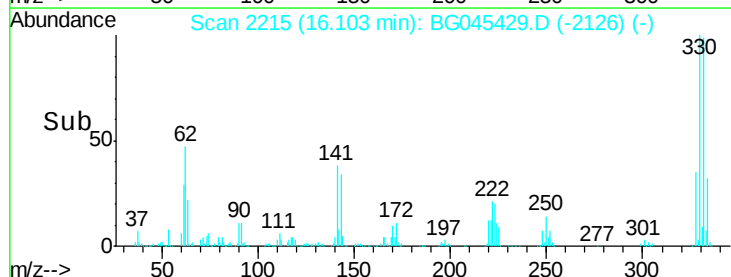
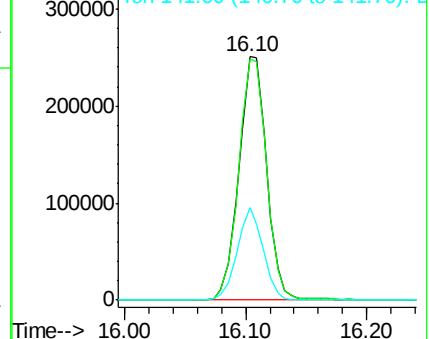
330 100

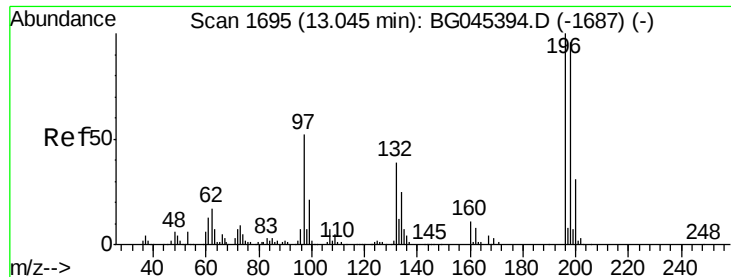
332 100.3 78.2 117.4

141 35.5 28.2 42.4



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

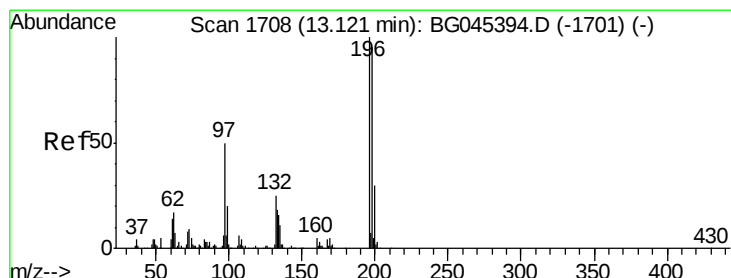
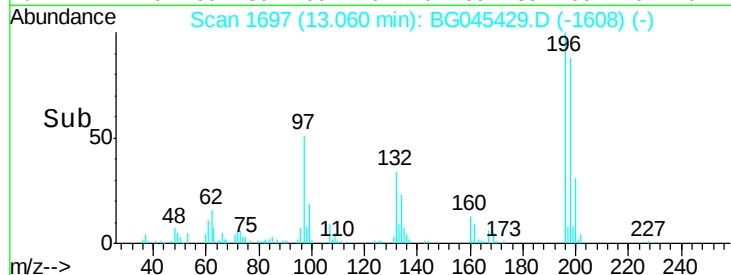
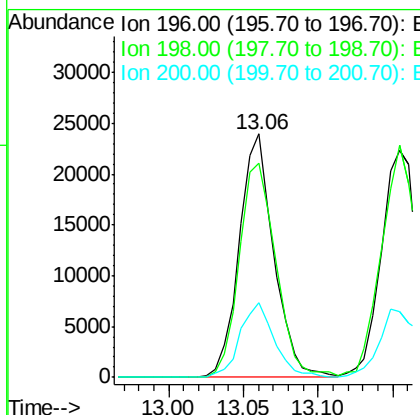
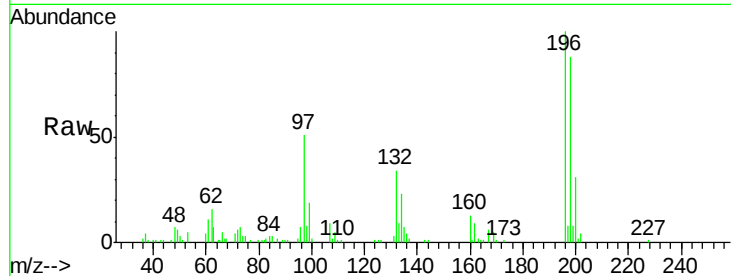




#43
 2,4,6-Trichlorophenol
 Concen: 7.461 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

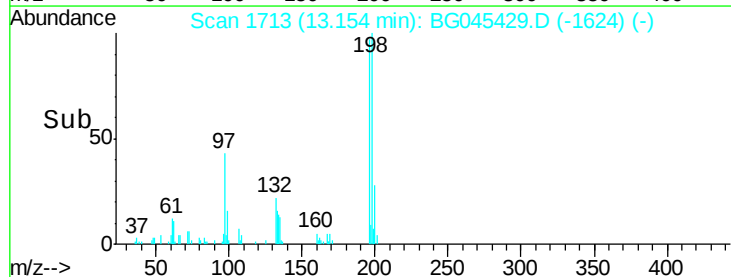
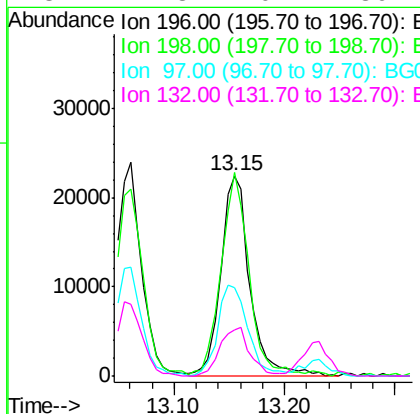
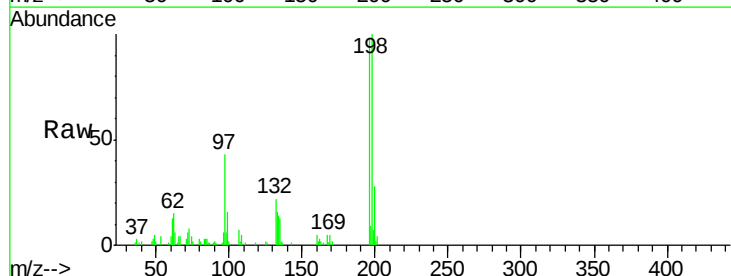
Instrument :
 BNA_G
 ClientSampleId :

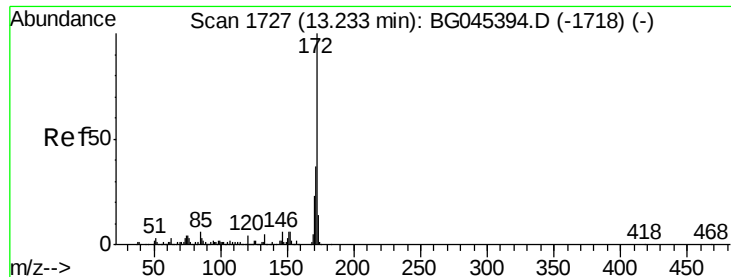
Tot Ion:196 Resp: 38571
 Ion Ratio Lower Upper
 196 100
 198 87.7 76.7 115.1
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 6.953 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:196 Resp: 41072
 Ion Ratio Lower Upper
 196 100
 198 102.2 76.1 114.1
 97 44.3 40.0 60.0
 132 22.8 20.2 30.2

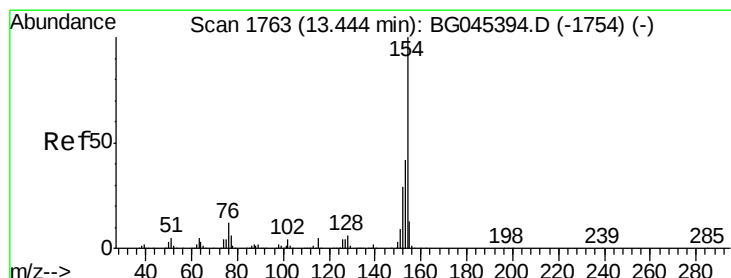
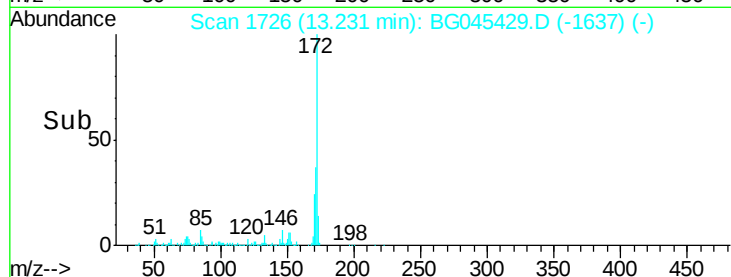
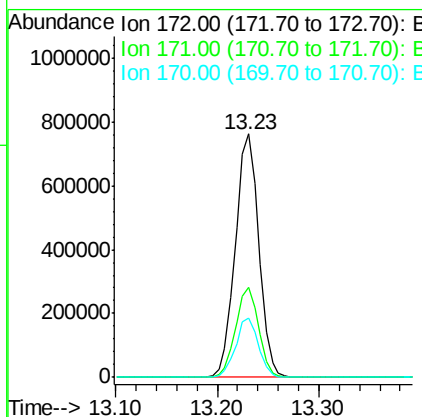
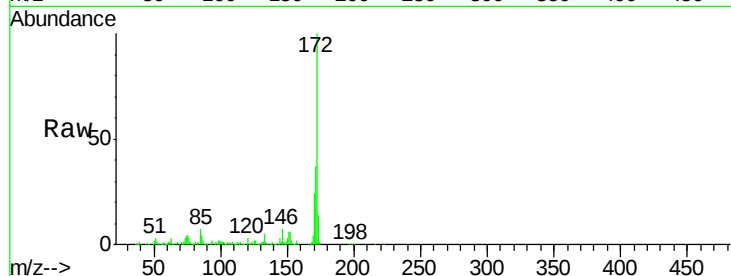




#45
2-Fluorobiphenyl
Concen: 78.116 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

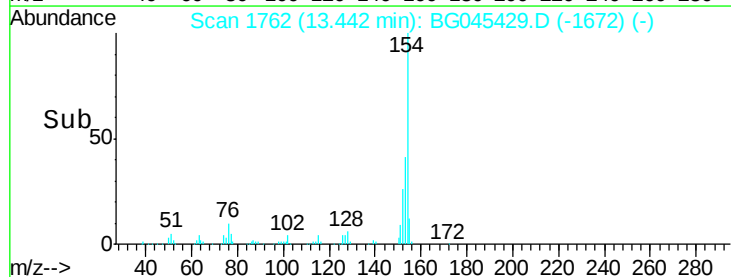
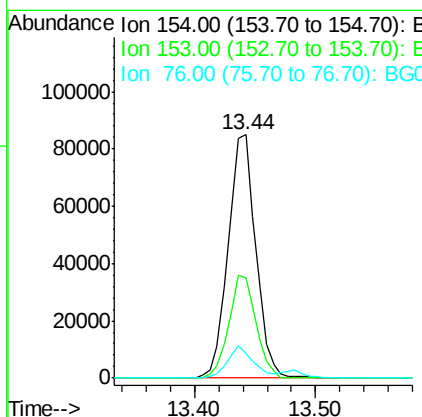
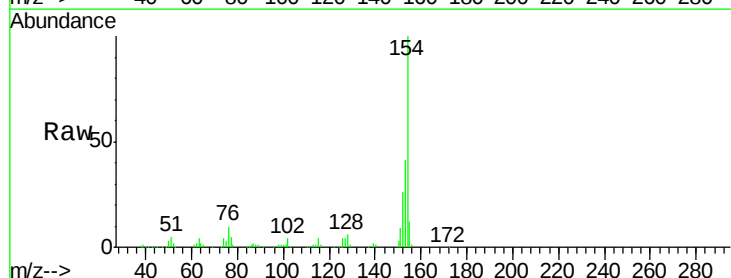
Instrument :
BNA_G
ClientSampleId :

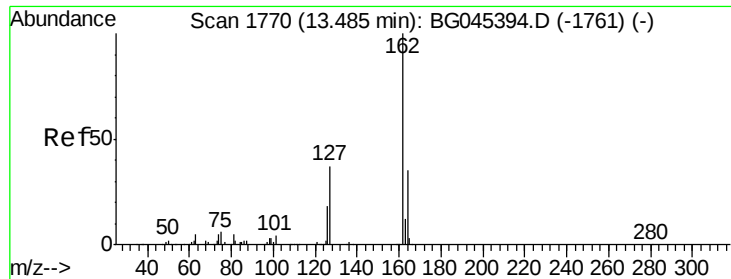
Tot Ion:172 Resp: 1226992
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 8.285 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:154 Resp: 135632
Ion Ratio Lower Upper
154 100
153 41.0 22.2 62.2
76 10.0 0.0 32.4

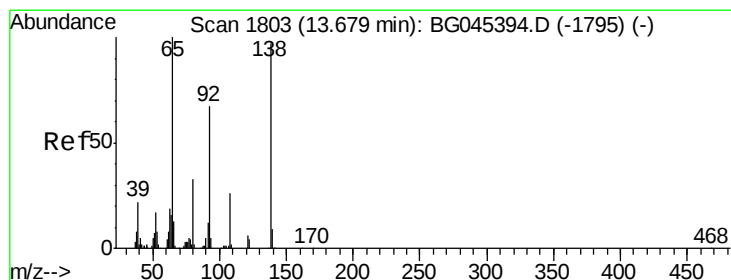
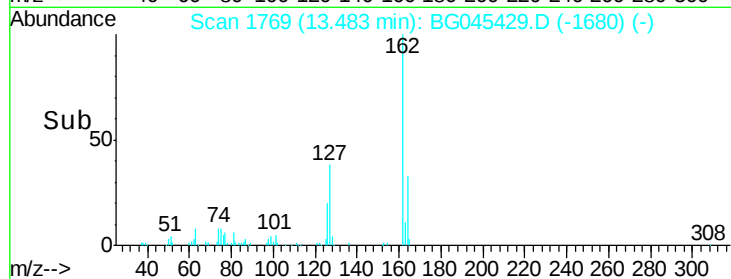
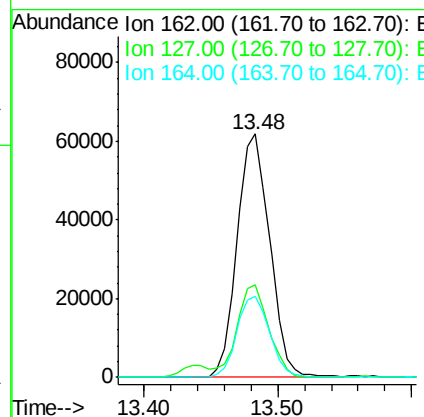
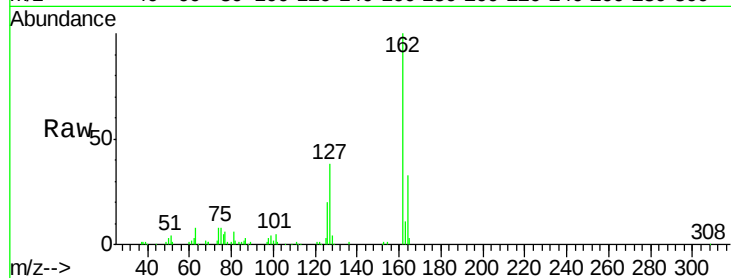




#47
 2-Chloronaphthalene
 Concen: 7.908 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

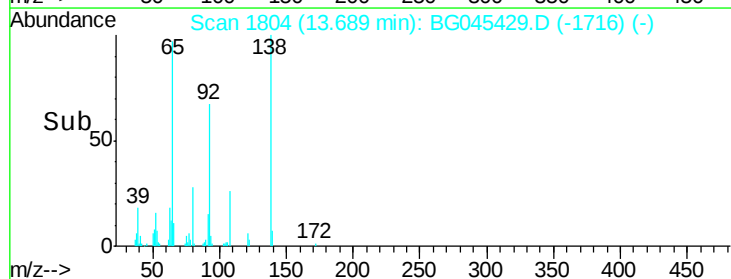
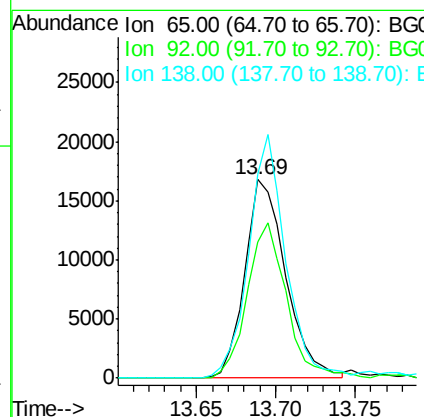
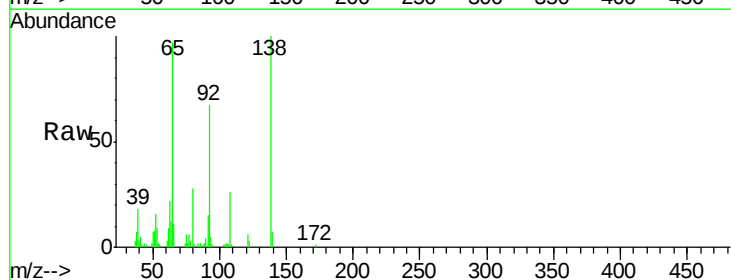
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	162	Resp:	105126
Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.6	47.4
164	33.2	28.1	42.1



#48
 2-Nitroaniline
 Concen: 6.912 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:	65	Resp:	30224
Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.8
138	103.1	77.9	116.9





#49

Acenaphthylene

Concen: 8.475 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045429.D

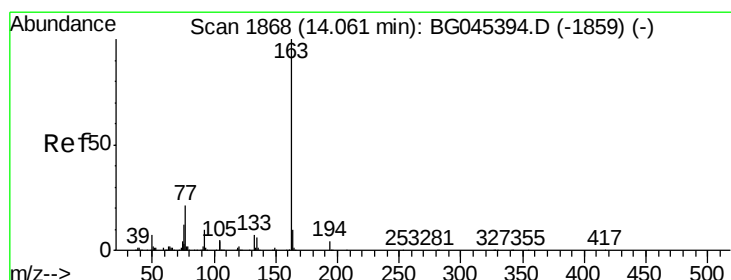
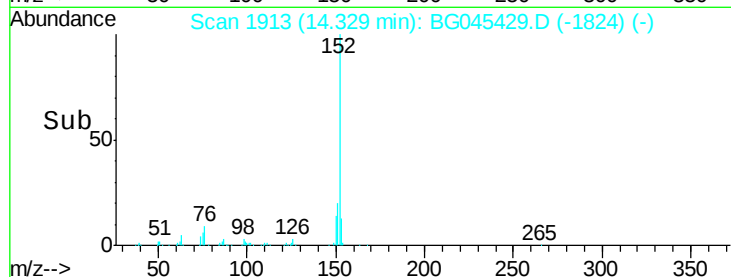
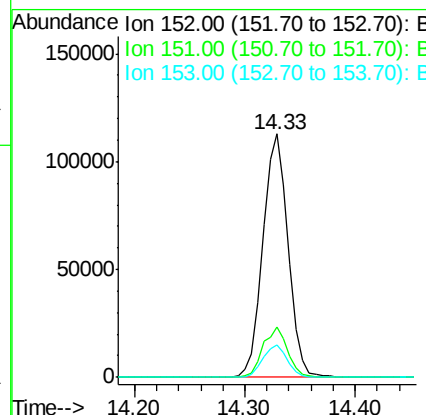
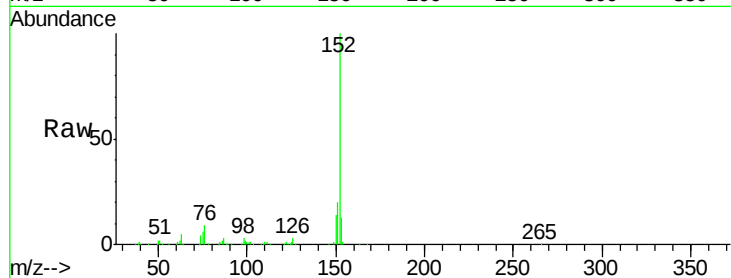
Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	152	Resp:	180957
Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.4	26.2
153	13.3	10.7	16.1



#50

Dimethylphthalate

Concen: 8.242 ng

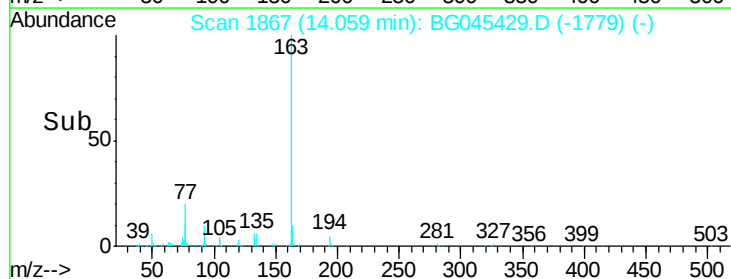
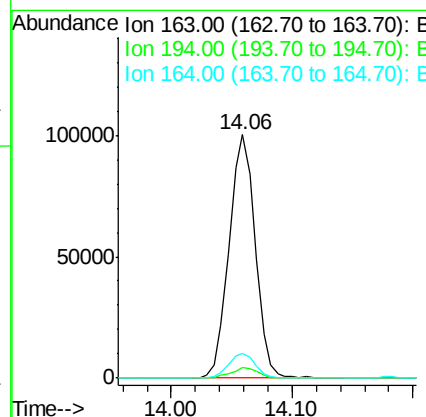
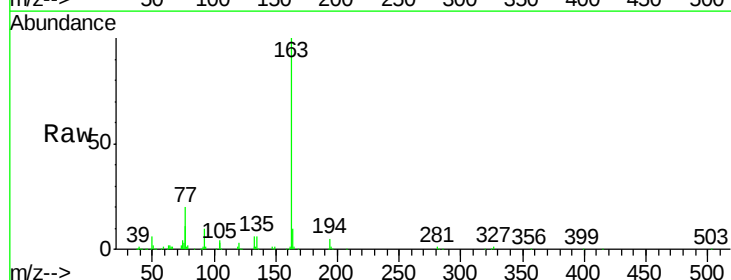
RT: 14.06 min Scan# 1867

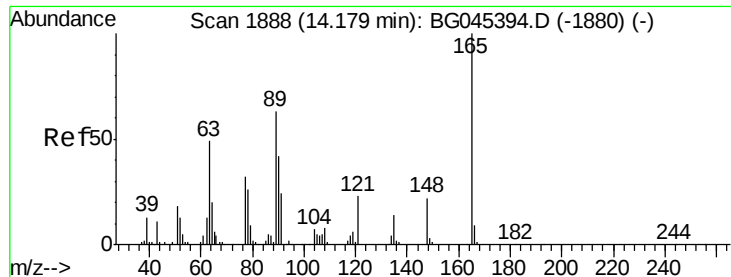
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:	163	Resp:	150636
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.9	8.3	12.5

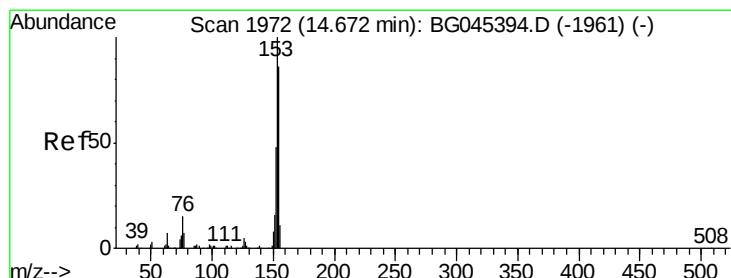
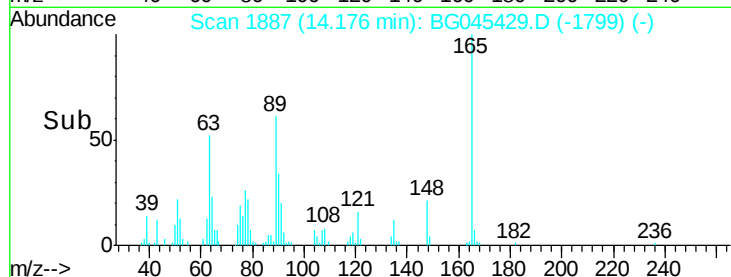
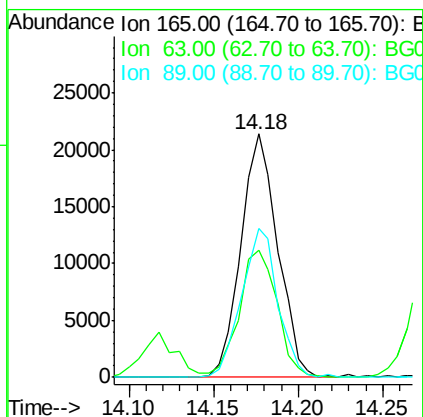
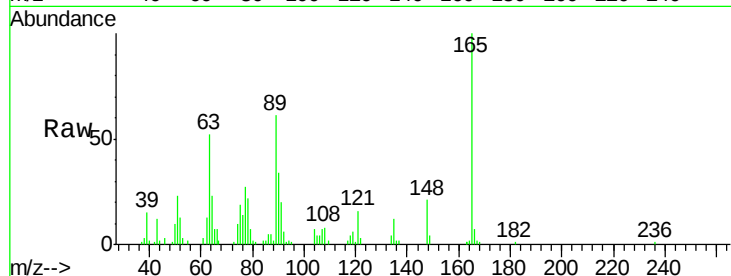




#51
 2,6-Dinitrotoluene
 Concen: 7.872 ng
 RT: 14.18 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

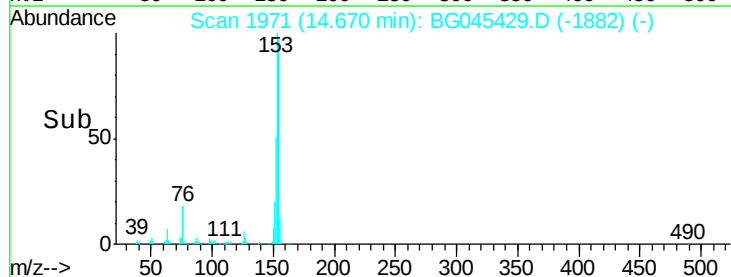
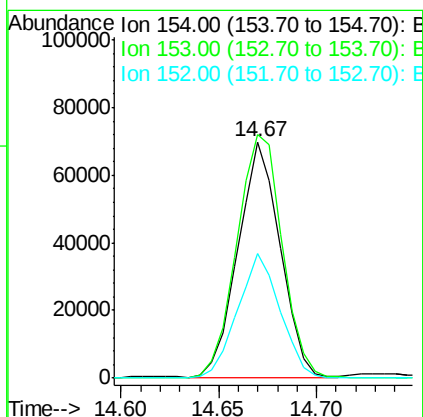
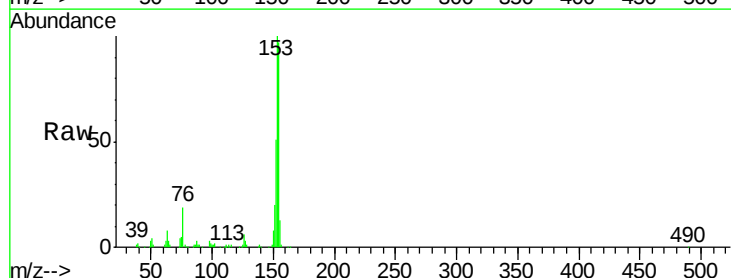
Instrument :
 BNA_G
 ClientSampleId :

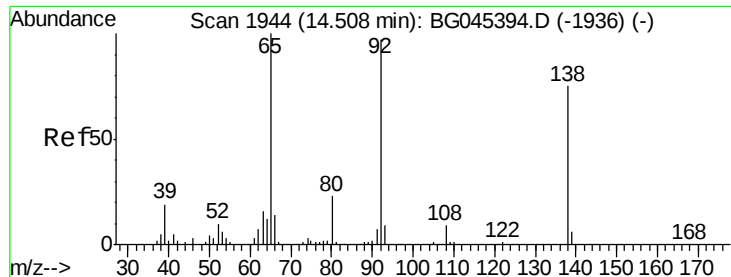
Tot Ion:165 Resp: 32465
 Ion Ratio Lower Upper
 165 100
 63 52.2 45.0 67.4
 89 61.3 50.2 75.4



#52
 Acenaphthene
 Concen: 7.348 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:154 Resp: 105023
 Ion Ratio Lower Upper
 154 100
 153 103.2 92.8 139.2
 152 52.7 44.6 66.8





#53

3-Nitroaniline

Concen: 7.109 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

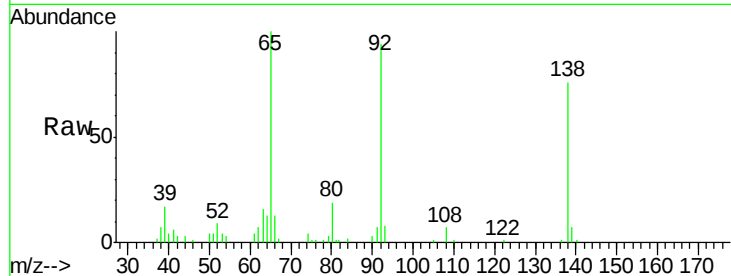
Tot Ion:138 Resp: 29805

Ion Ratio Lower Upper

138 100

108 9.1 9.8 14.6#

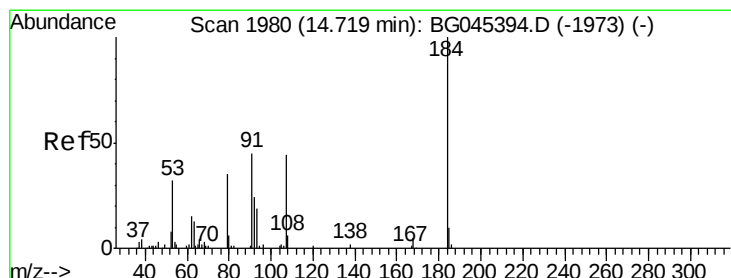
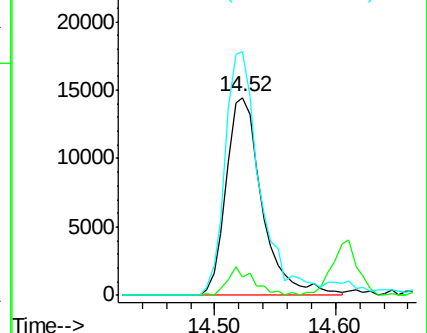
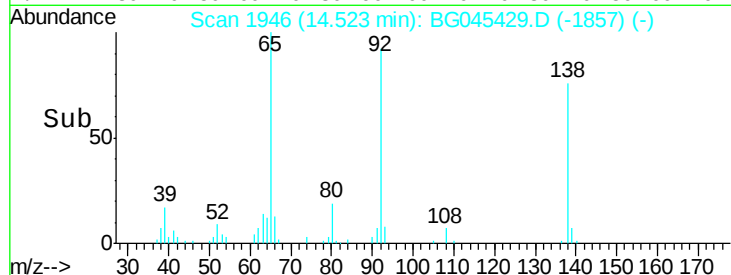
92 123.3 103.0 154.4



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: 2.044 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

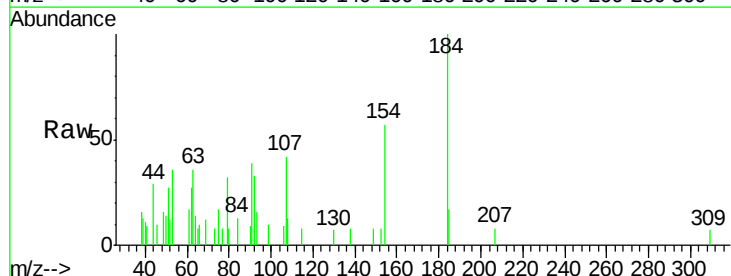
Tgt Ion:184 Resp: 4896

Ion Ratio Lower Upper

184 100

63 36.3 47.8 71.6#

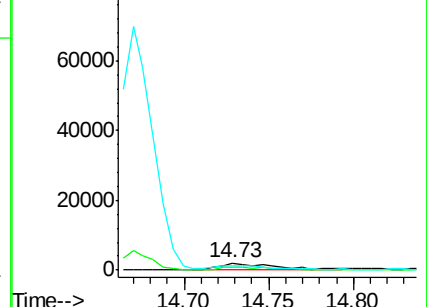
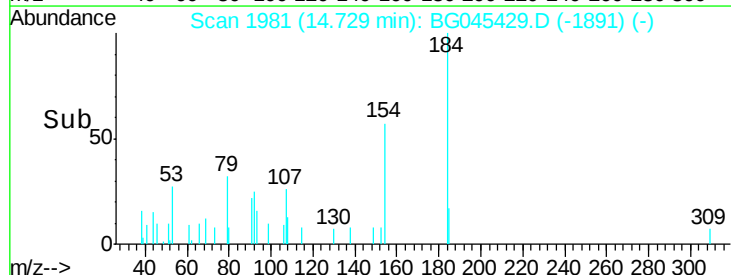
154 56.6 58.3 87.5#

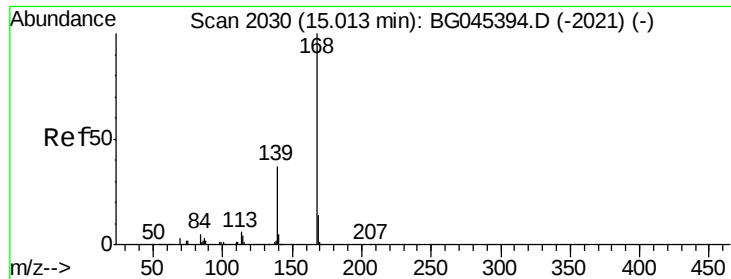


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 8.243 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

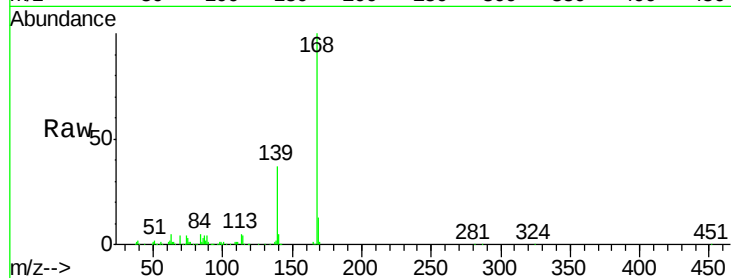
Tot Ion:168 Resp: 174959

Ion Ratio Lower Upper

168 100

139 36.9 29.9 44.9

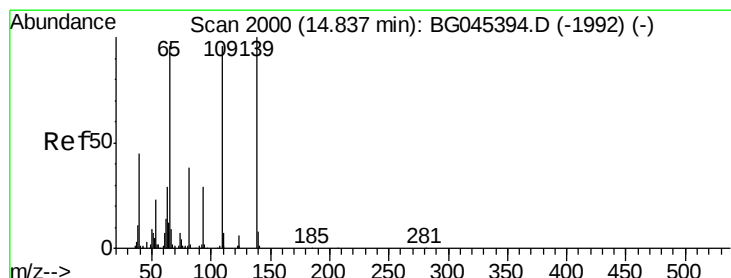
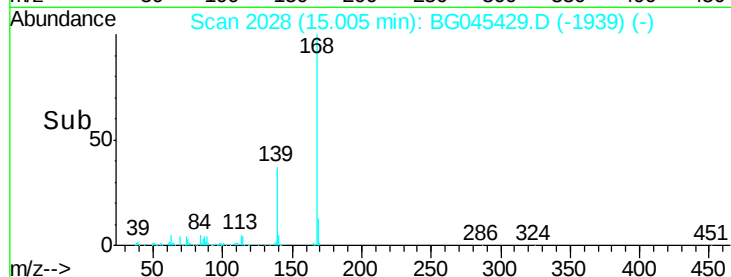
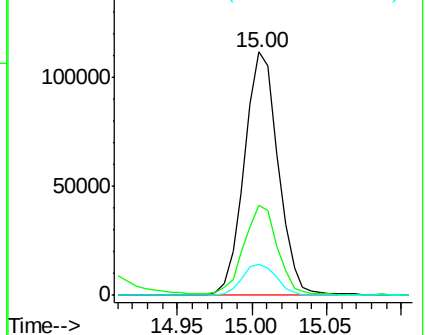
169 12.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.188 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

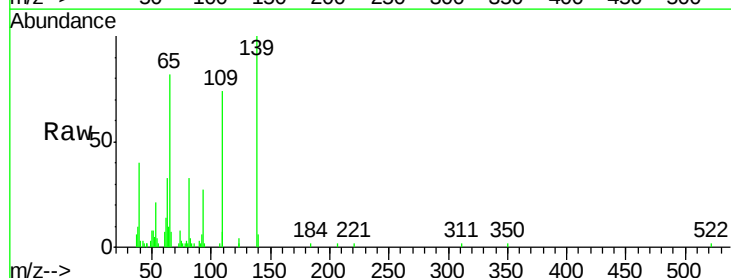
Tgt Ion:139 Resp: 19642

Ion Ratio Lower Upper

139 100

109 73.7 75.6 115.6#

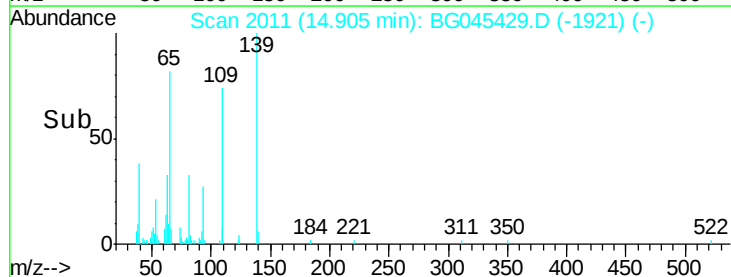
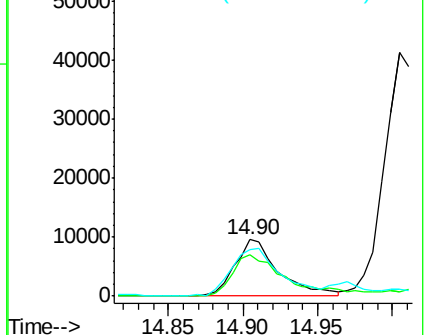
65 82.3 76.8 116.8

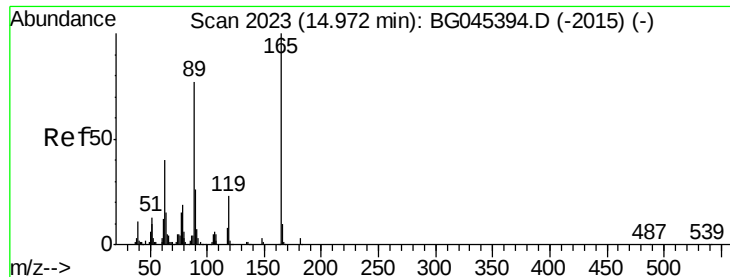


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

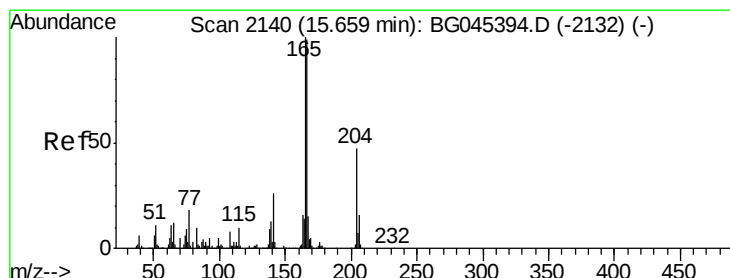
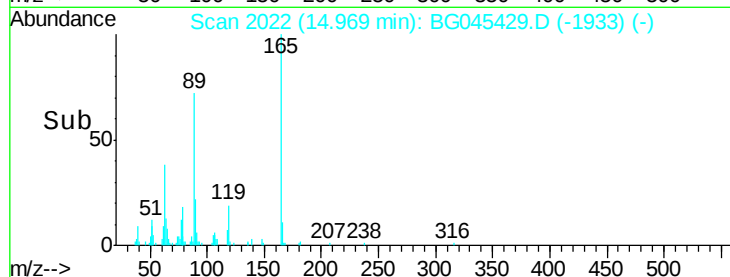
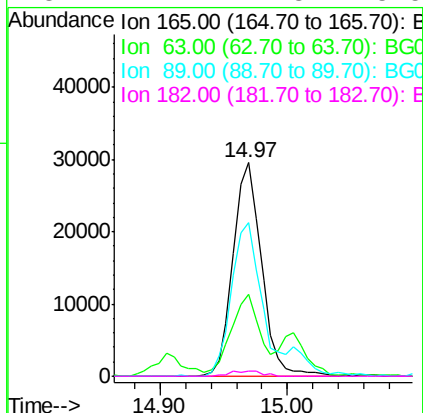
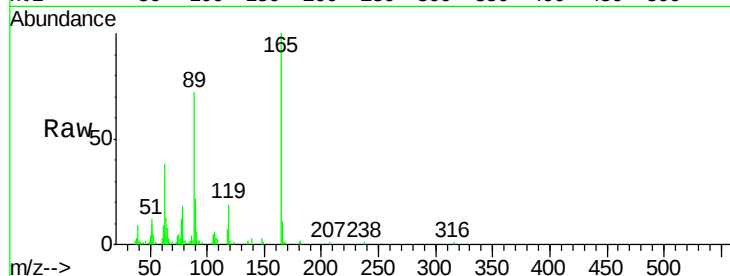




#57
 2,4-Dinitrotoluene
 Concen: 7.689 ng
 RT: 14.97 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

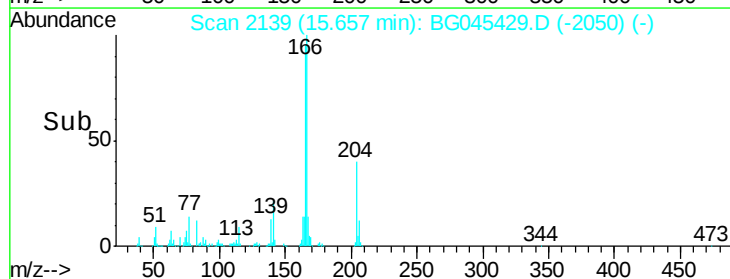
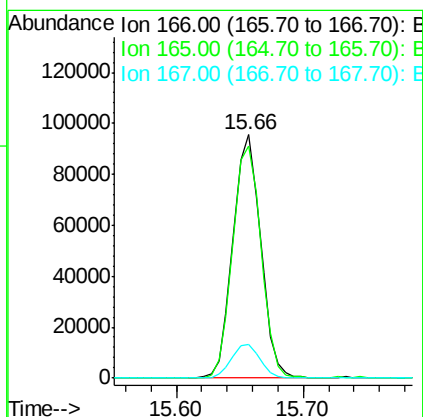
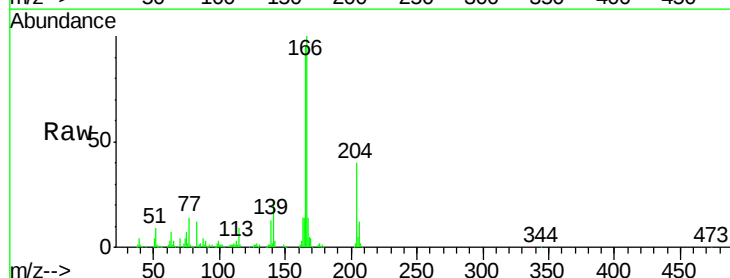
Instrument :
 BNA_G
 ClientSampleId :

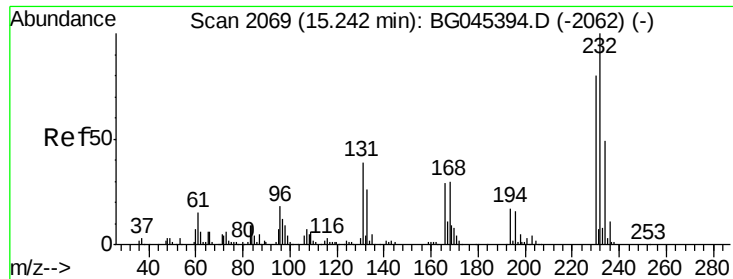
Tot Ion:165 Resp: 45925
 Ion Ratio Lower Upper
 165 100
 63 38.2 32.5 48.7
 89 72.2 61.8 92.6
 182 2.1 2.3 3.5#



#58
 Fluorene
 Concen: 8.305 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:166 Resp: 144820
 Ion Ratio Lower Upper
 166 100
 165 95.1 80.8 121.2
 167 13.9 12.0 18.0

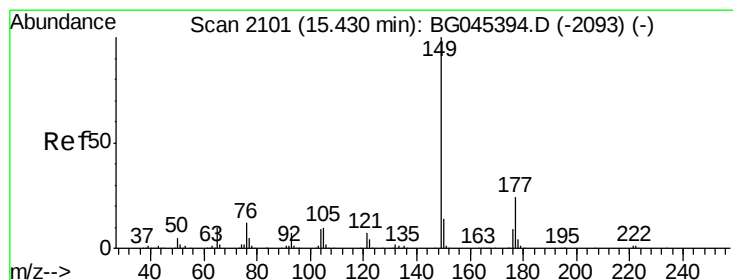
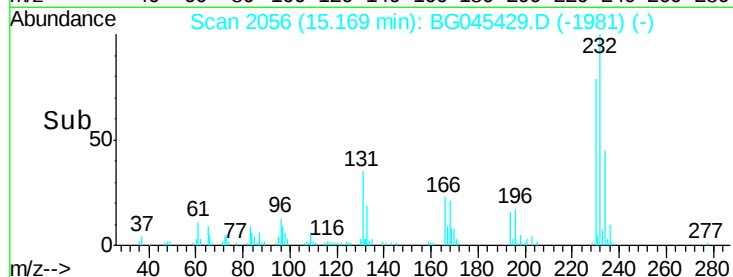
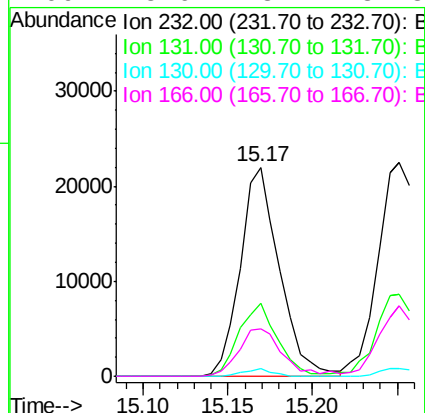
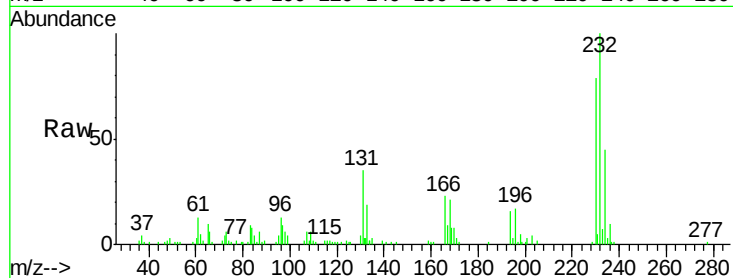




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.811 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.09 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

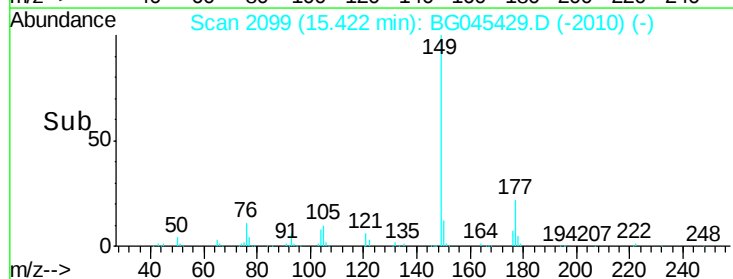
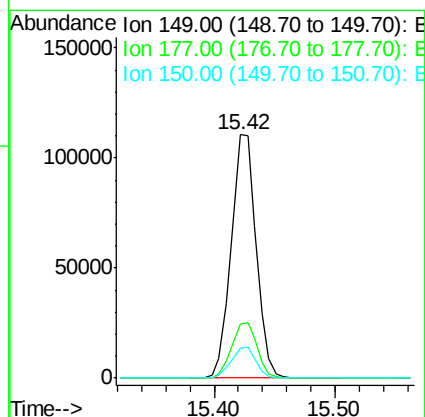
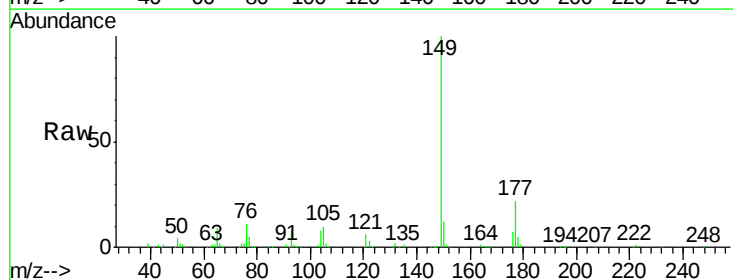
Instrument :
BNA_G
ClientSampleId :

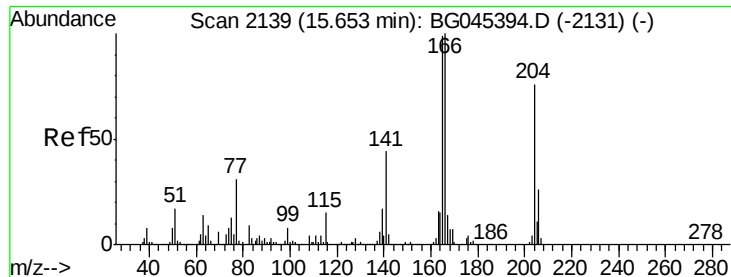
Tot Ion:232 Resp: 35400
Ion Ratio Lower Upper
232 100
131 34.5 33.7 50.5
130 2.5 2.1 3.1
166 25.6 23.2 34.8



#60
Diethylphthalate
Concen: 8.370 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:149 Resp: 159230
Ion Ratio Lower Upper
149 100
177 22.2 19.0 28.4
150 12.3 11.4 17.0

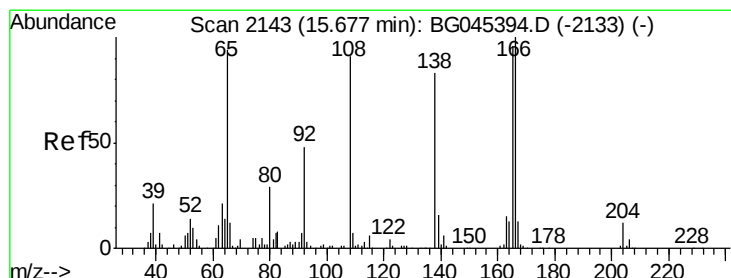
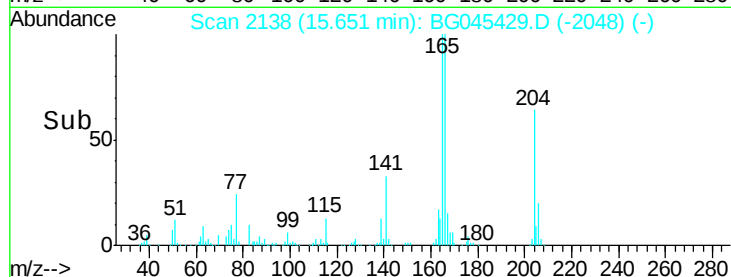
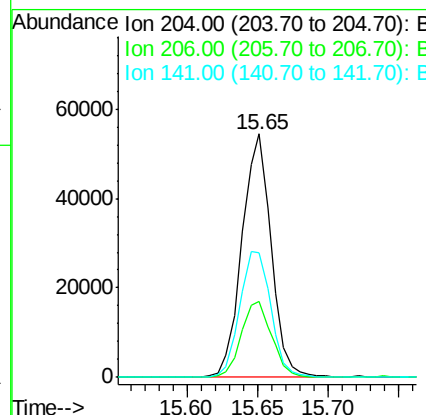
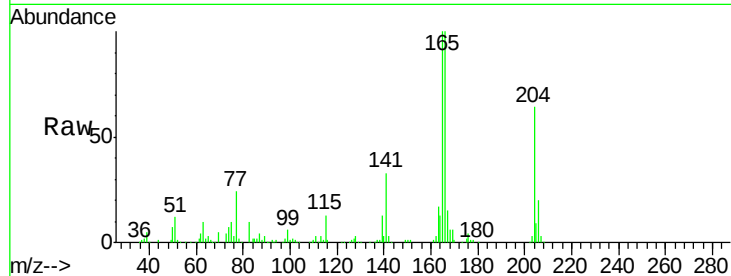




#61
 4-Chlorophenyl-phenylether
 Concen: 7.897 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

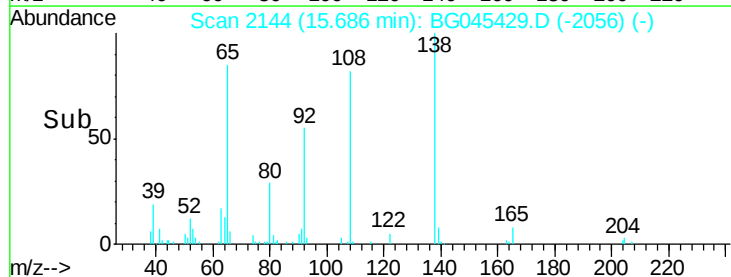
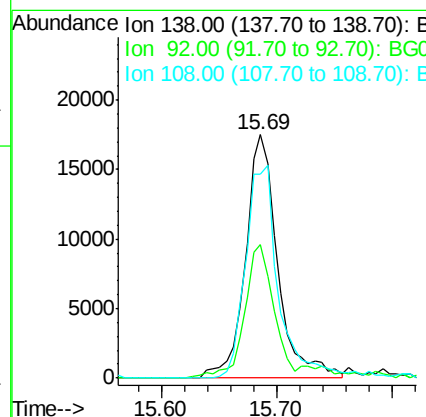
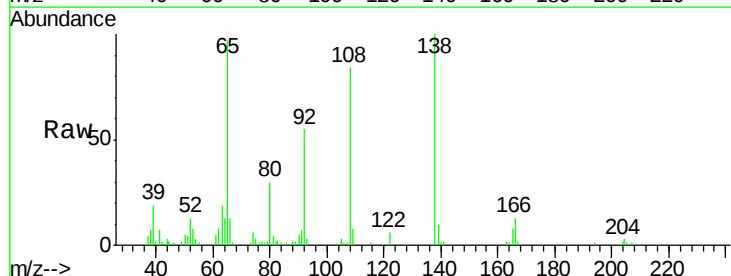
Instrument :
 BNA_G
 ClientSampled :

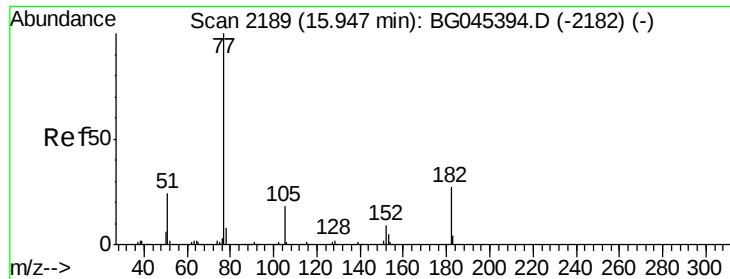
Tot Ion:204 Resp: 78800
 Ion Ratio Lower Upper
 204 100
 206 31.3 27.3 40.9
 141 51.4 45.9 68.9



#62
 4-Nitroaniline
 Concen: 7.781 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion:138 Resp: 34056
 Ion Ratio Lower Upper
 138 100
 92 54.8 38.0 78.0
 108 83.9 89.3 129.3#





#63

Azobenzene

Concen: 8.206 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 145563

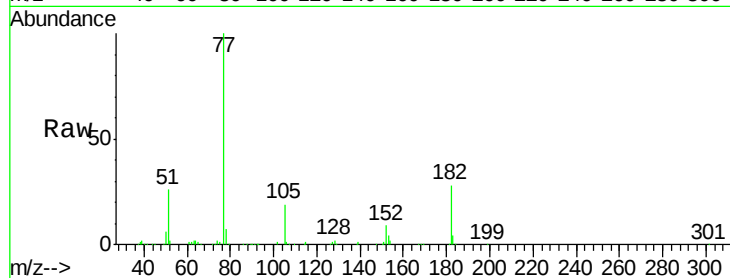
Ion Ratio Lower Upper

77 100

182 27.8 6.5 46.5

105 18.7 0.0 37.9

51 25.9 4.1 44.1

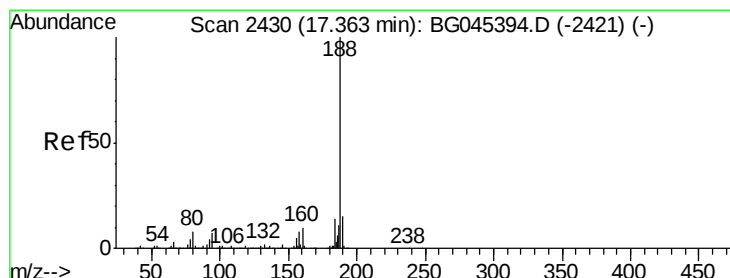
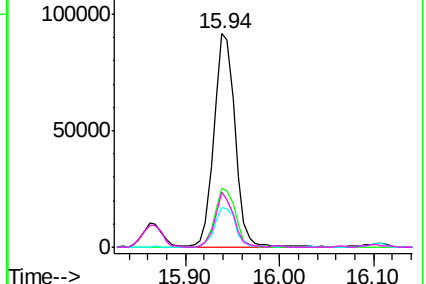
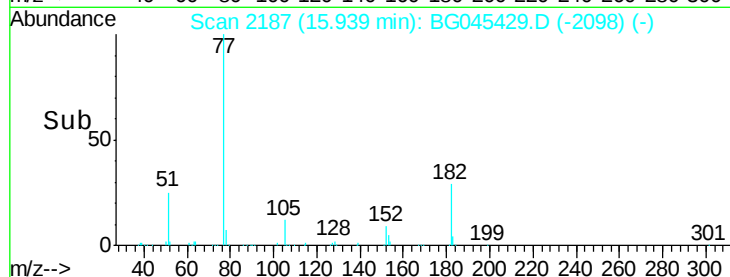


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

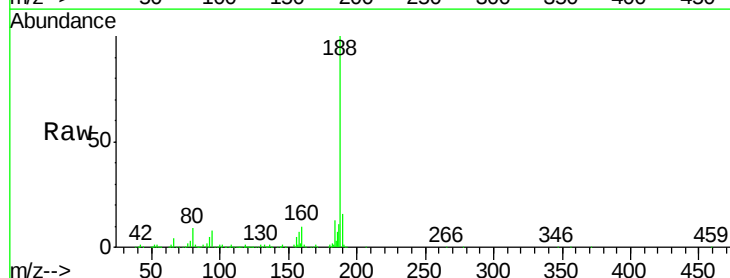
Tgt Ion: 188 Resp: 624744

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

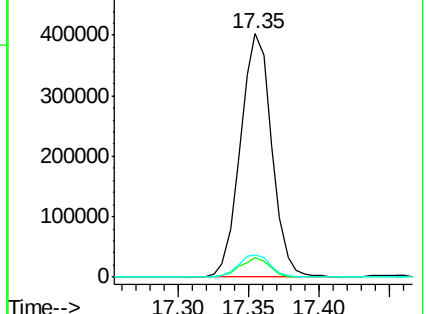
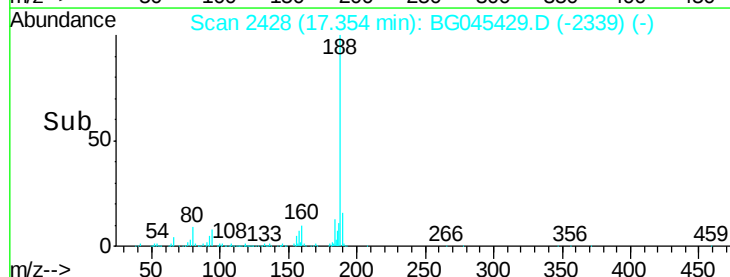
80 9.0 6.6 10.0

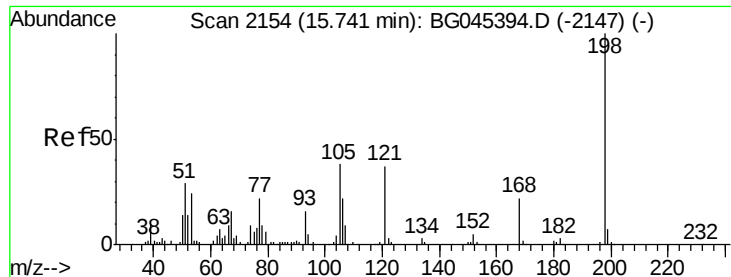


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 5.904 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

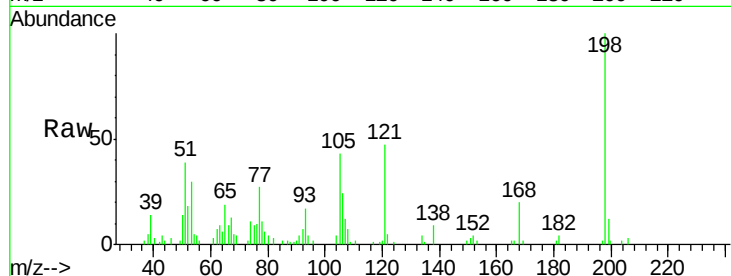
Tot Ion:198 Resp: 21482

Ion Ratio Lower Upper

198 100

51 39.3 10.0 50.0

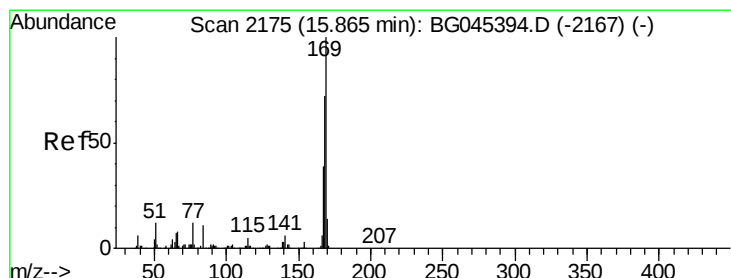
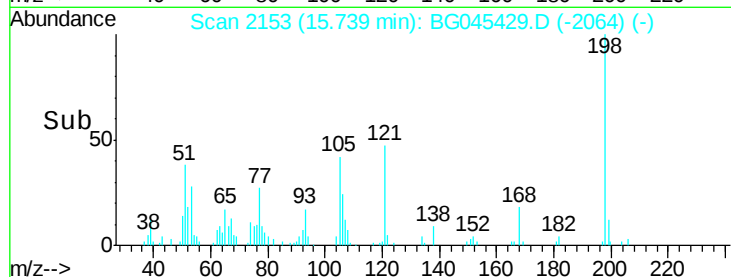
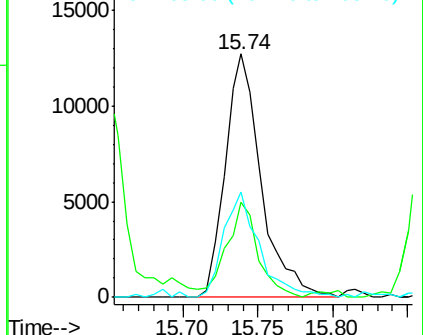
105 43.3 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.639 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

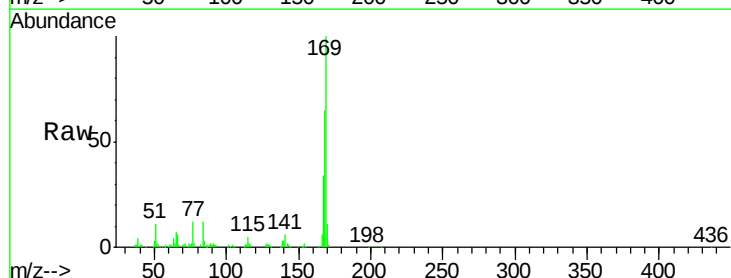
Tgt Ion:169 Resp: 129580

Ion Ratio Lower Upper

169 100

168 65.0 57.8 86.6

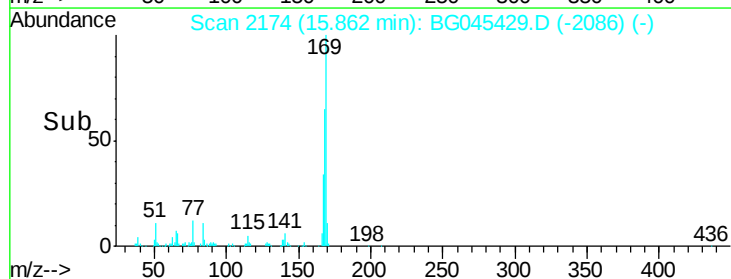
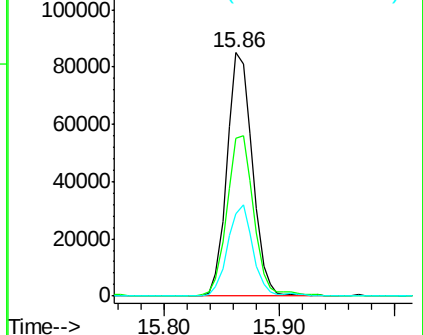
167 33.6 31.5 47.3

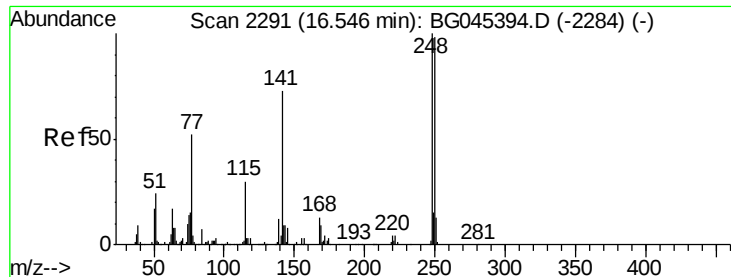


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

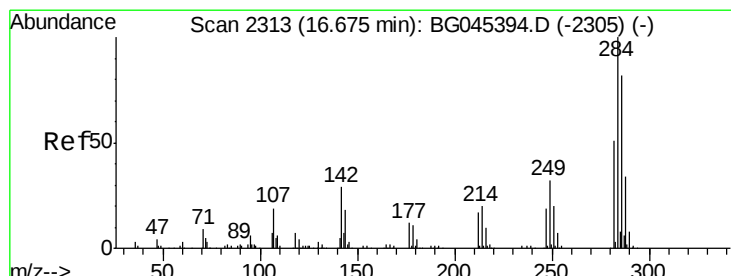
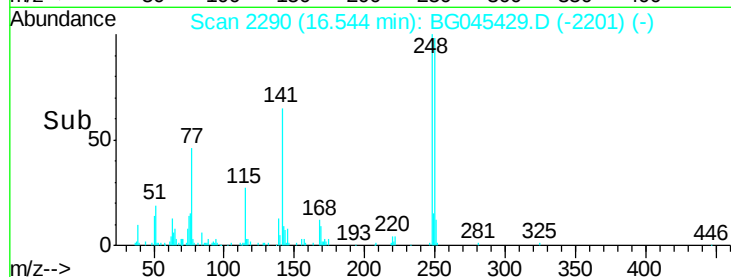
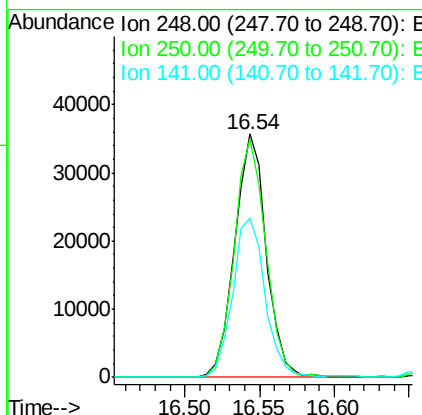
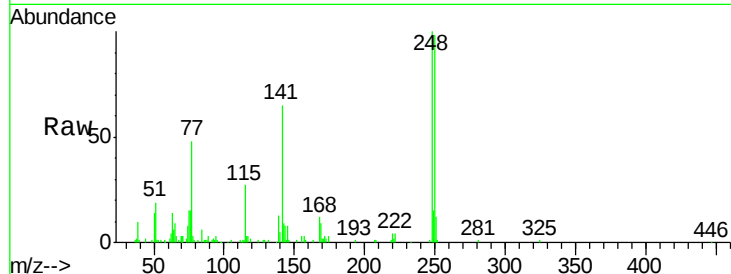




#67
4-Bromophenyl-phenylether
Concen: 7.718 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

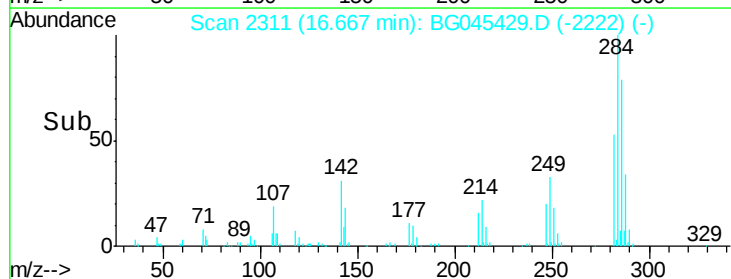
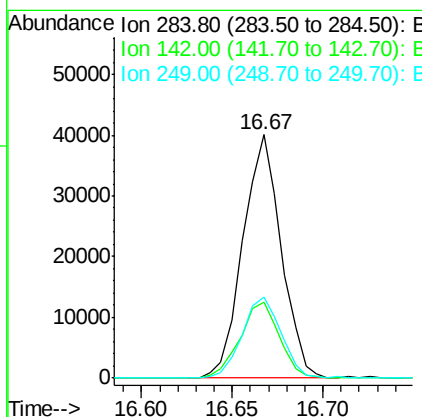
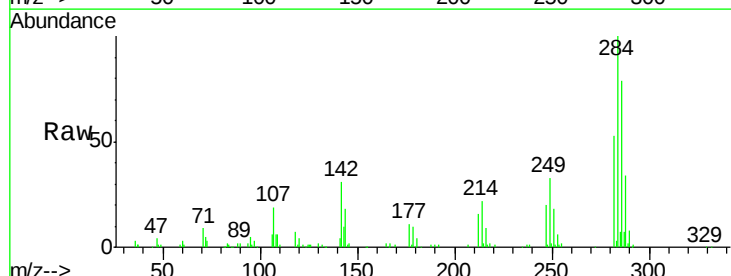
Instrument :
BNA_G
ClientSampled :

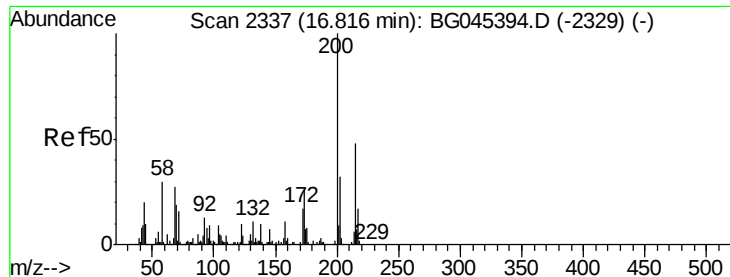
Tot Ion:248 Resp: 52215
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 65.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 8.295 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion:284 Resp: 58694
Ion Ratio Lower Upper
284 100
142 31.3 23.0 34.6
249 33.2 25.8 38.6





#69

Atrazine

Concen: 8.468 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

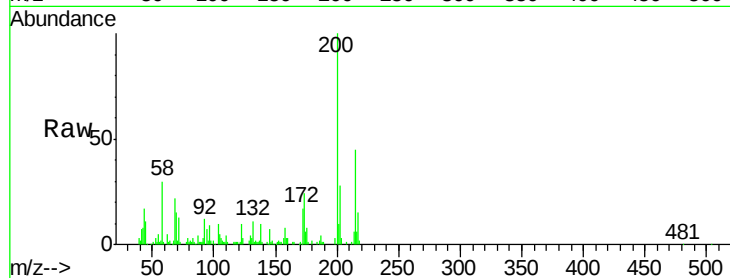
Tot Ion:200 Resp: 52321

Ion Ratio Lower Upper

200 100

173 24.3 5.5 45.5

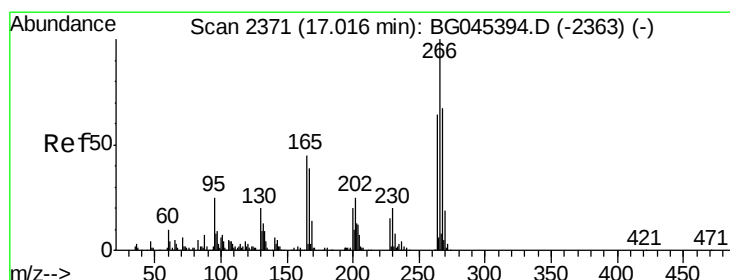
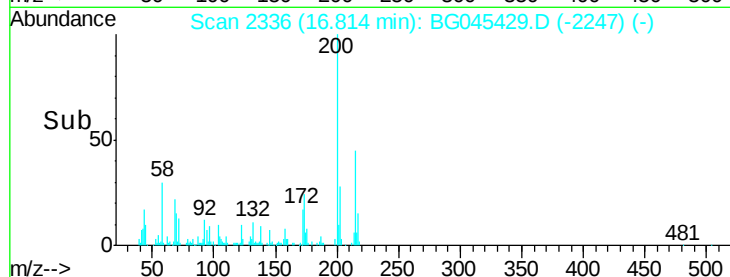
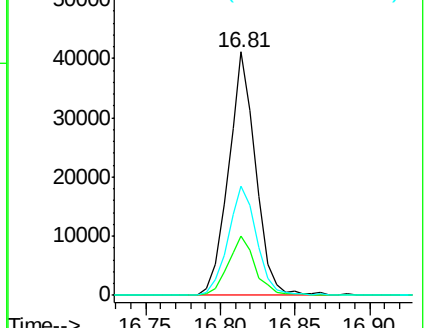
215 45.1 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 2.440 ng

RT: 17.03 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

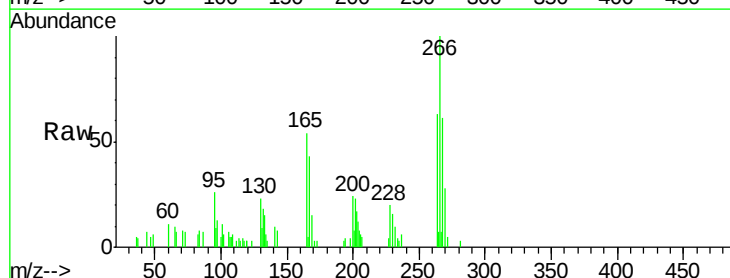
Tgt Ion:266 Resp: 8964

Ion Ratio Lower Upper

266 100

268 60.7 53.2 79.8

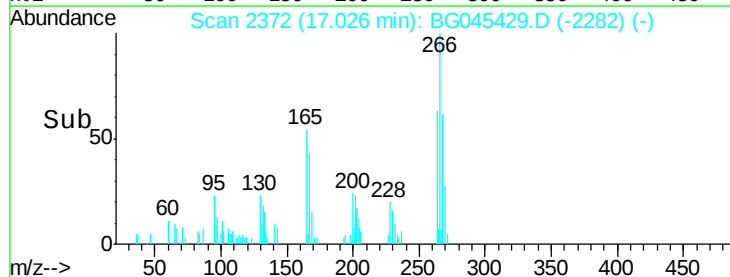
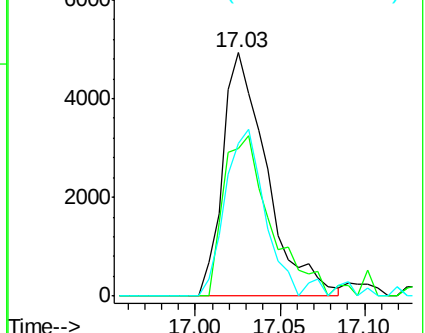
264 62.6 51.0 76.4

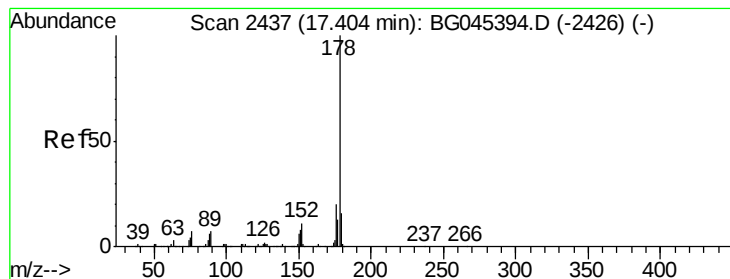


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.026 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

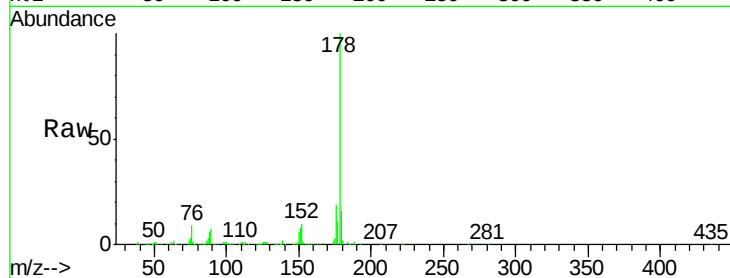
Tot Ion:178 Resp: 246177

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

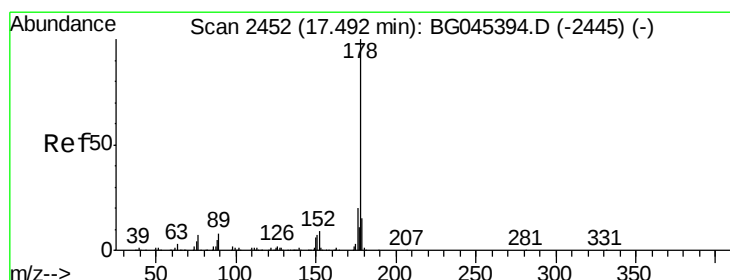
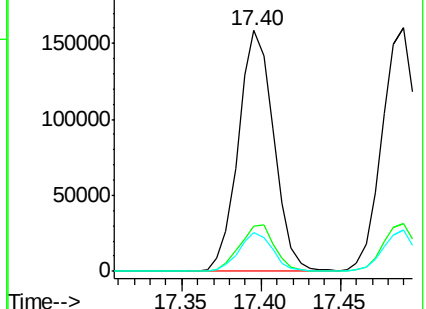
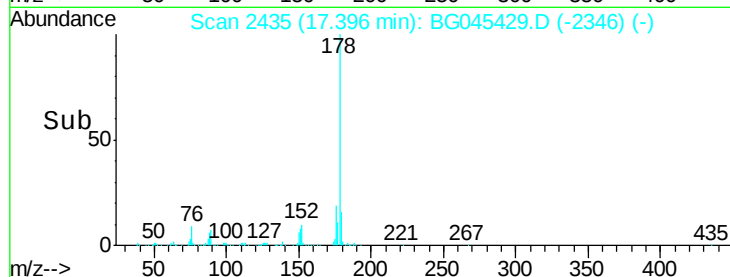
179 16.1 13.1 19.7



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: 9.280 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

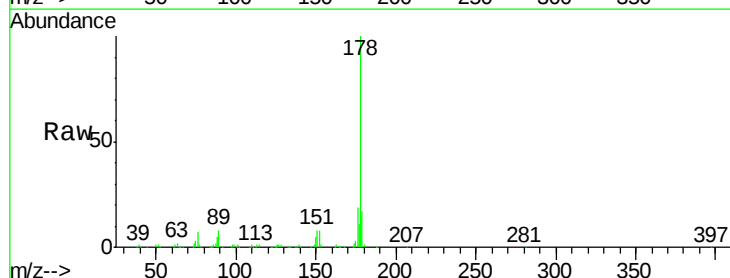
Tgt Ion:178 Resp: 254169

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

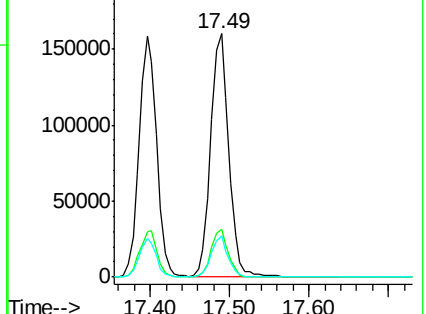
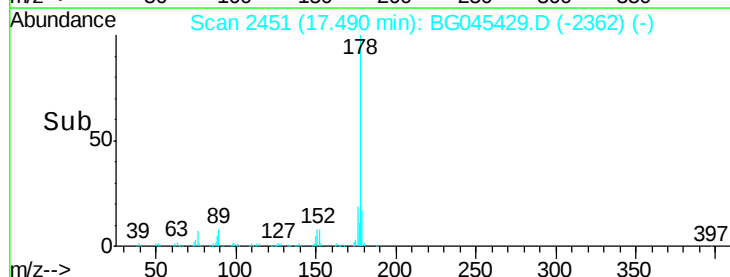
179 16.7 12.2 18.4

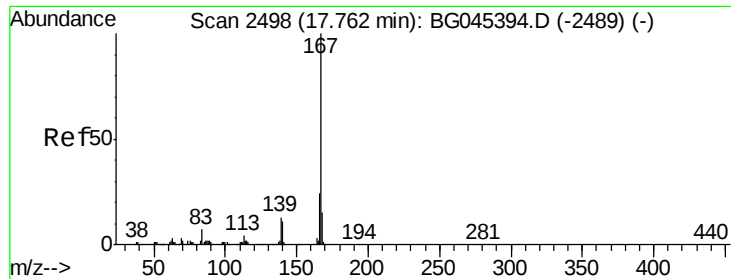


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

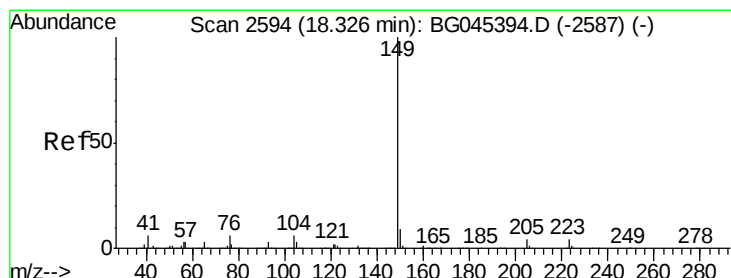
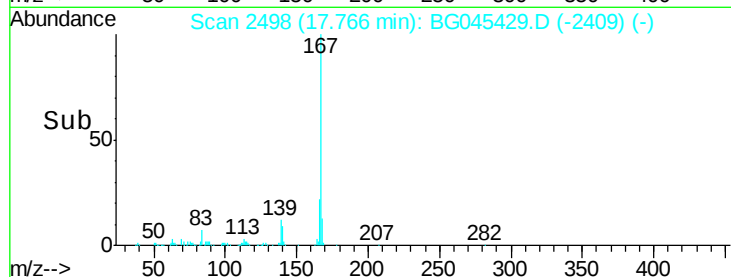
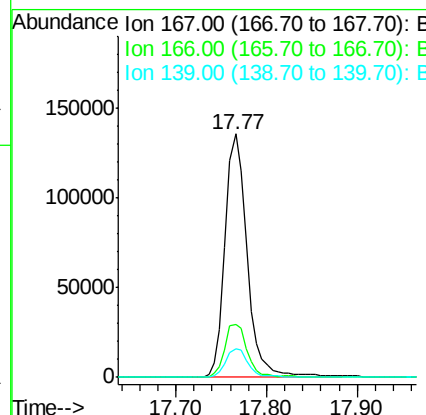
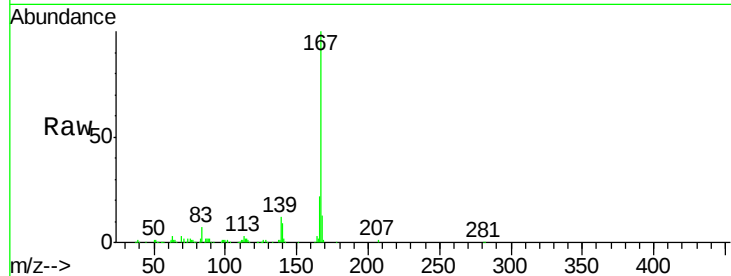




#73
 Carbazole
 Concen: 8.657 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

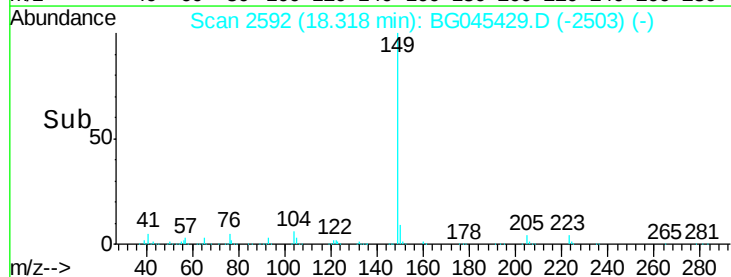
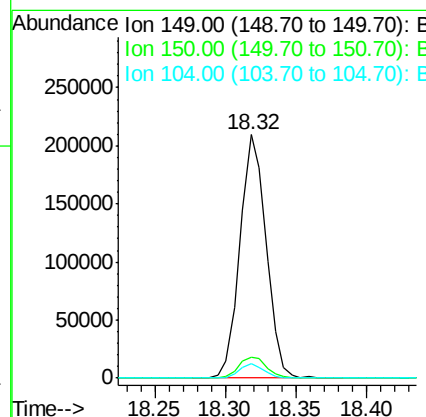
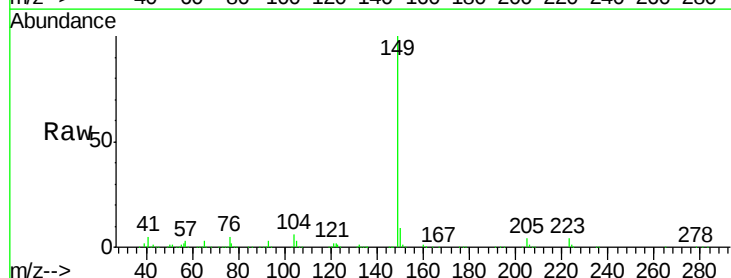
Instrument :
 BNA_G
 ClientSampleId :

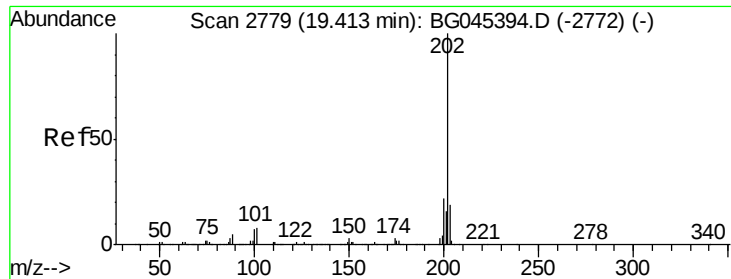
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.2	28.8
139	11.8	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 8.460 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG045429.D
 Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 9.050 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG045429.D

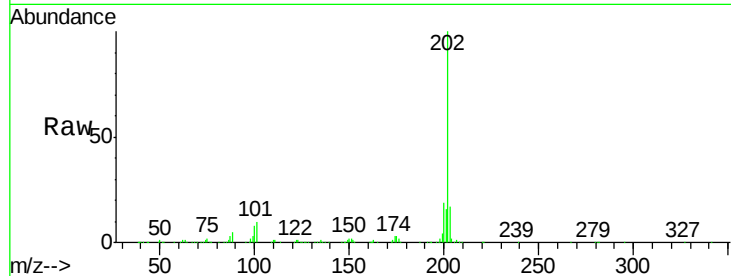
Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

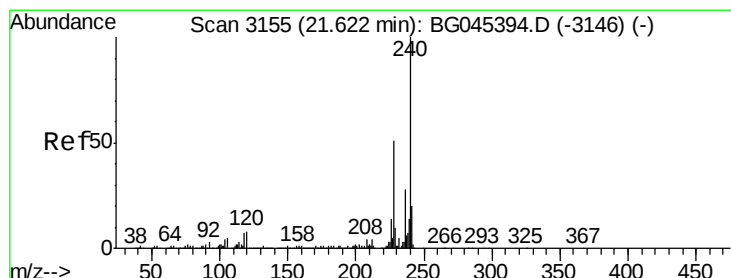
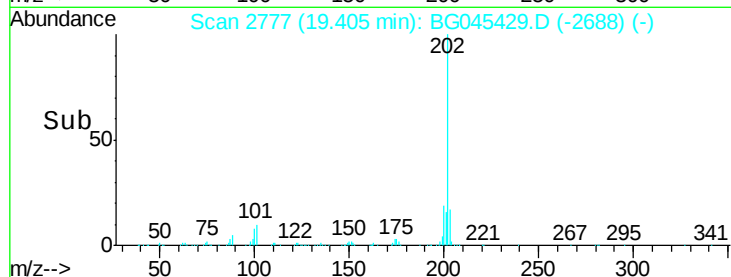
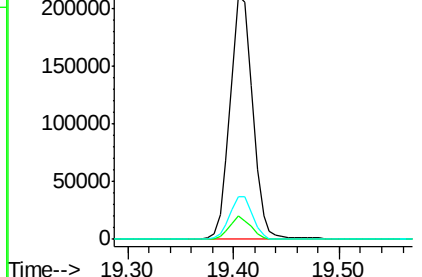
Tot Ion:	202	Resp:	313947
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.3
203	17.5	0.0	39.0



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

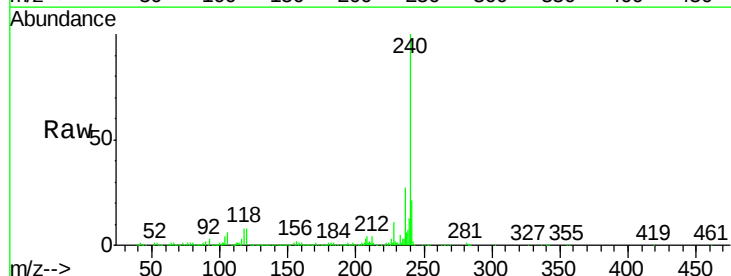
RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

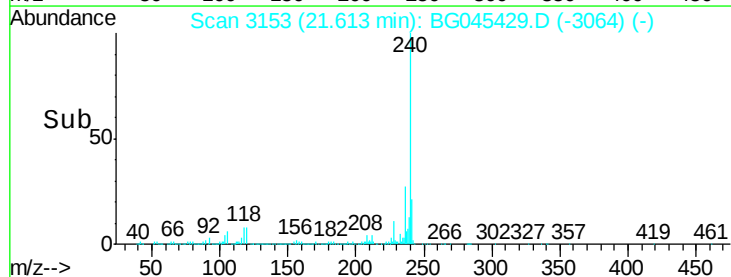
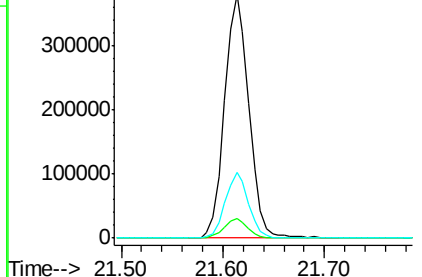
Tgt Ion:	240	Resp:	628697
Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.1	9.1
236	27.1	22.3	33.5

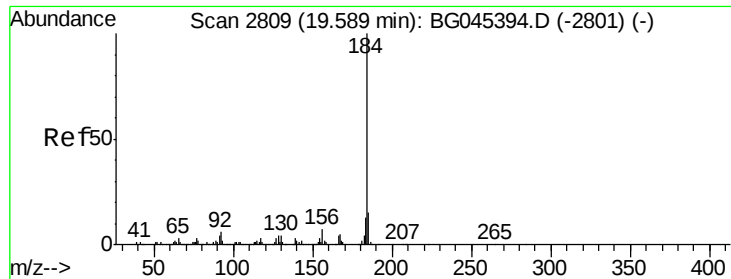


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.295 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampled :

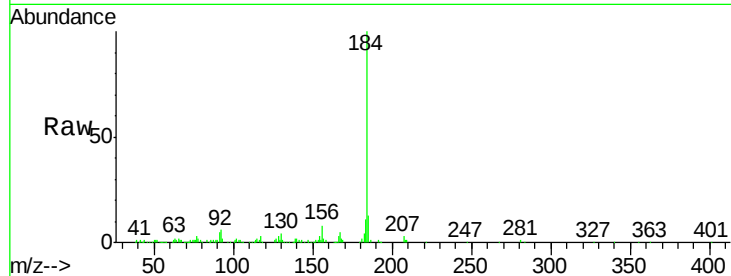
Tot Ion:184 Resp: 146463

Ion Ratio Lower Upper

184 100

185 13.1 11.7 17.5

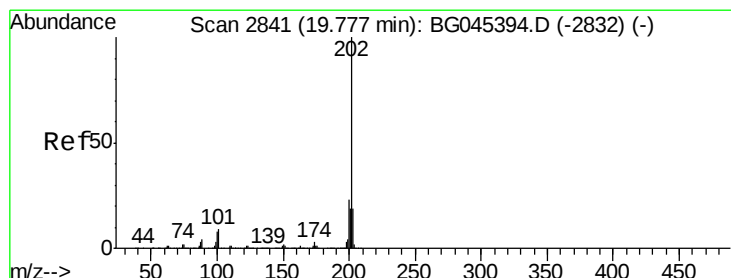
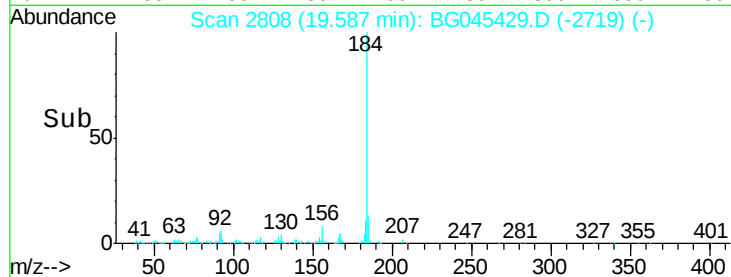
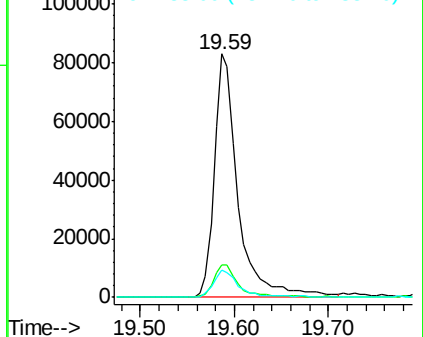
183 11.3 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.920 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

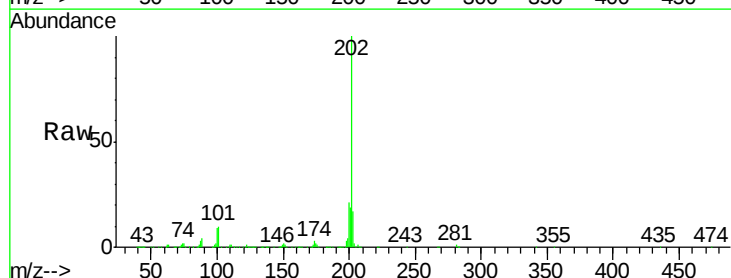
Tgt Ion:202 Resp: 319670

Ion Ratio Lower Upper

202 100

200 20.6 18.2 27.2

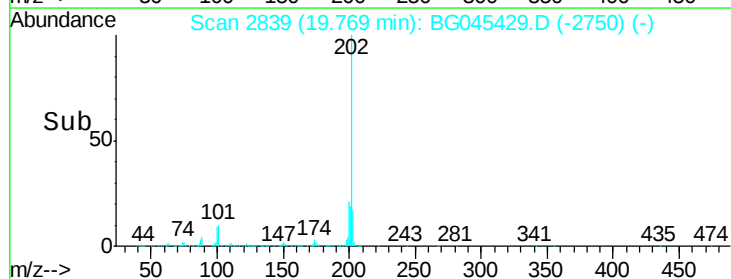
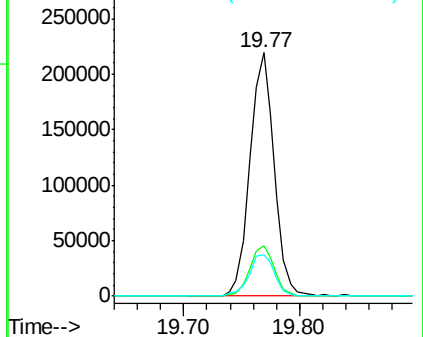
203 17.0 15.1 22.7

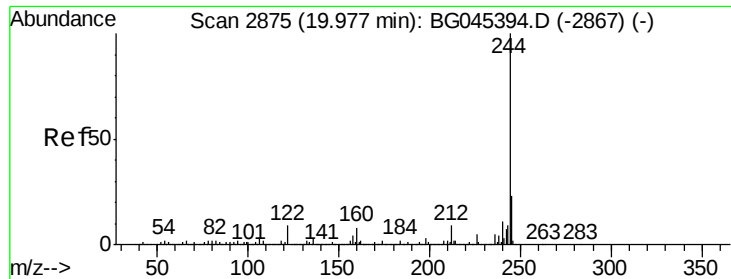


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.576 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

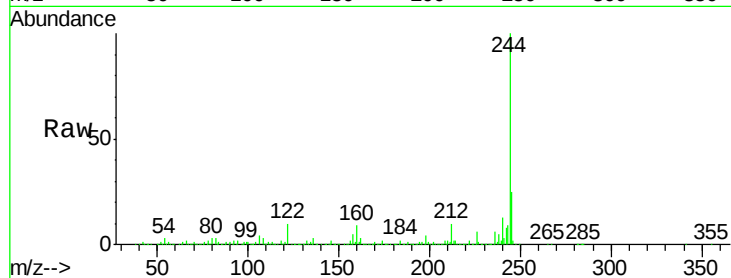
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2172017

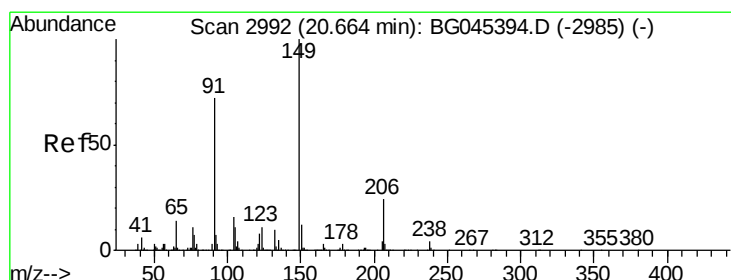
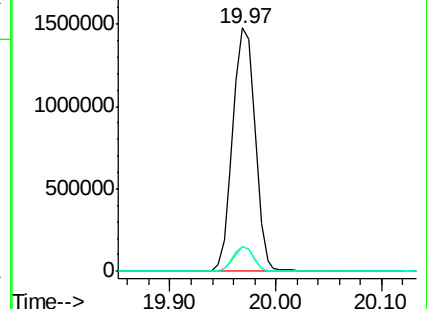
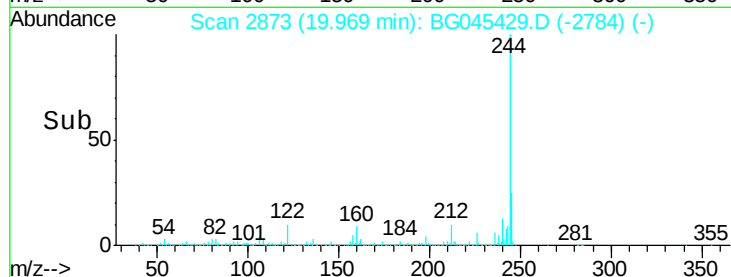
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.4	11.0
122	10.3	6.8	10.2



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: 8.219 ng

RT: 20.66 min Scan# 2990

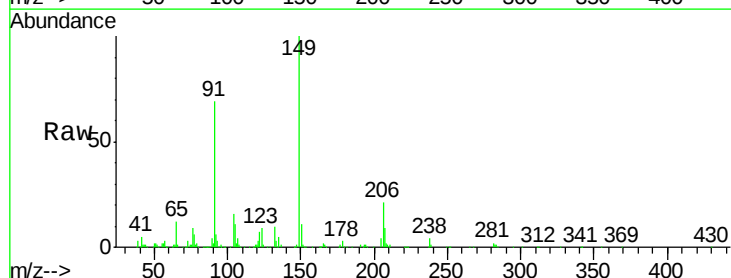
Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:149 Resp: 127145

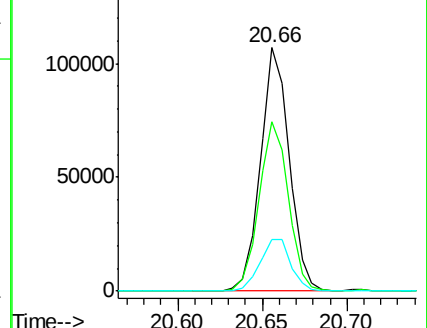
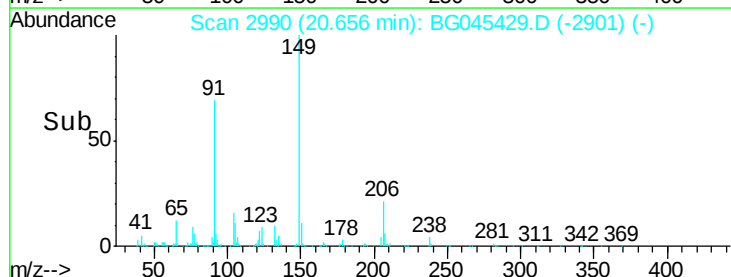
Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.8	86.6
206	21.2	19.1	28.7

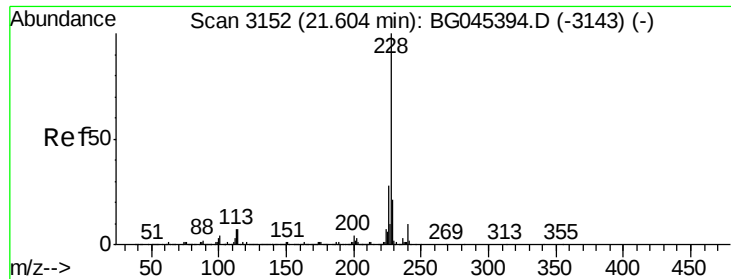


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.612 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

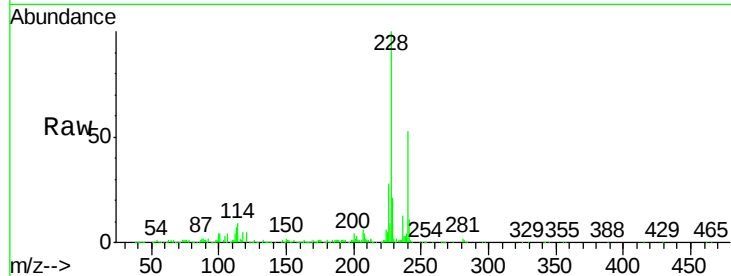
Tot Ion:228 Resp: 301607

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

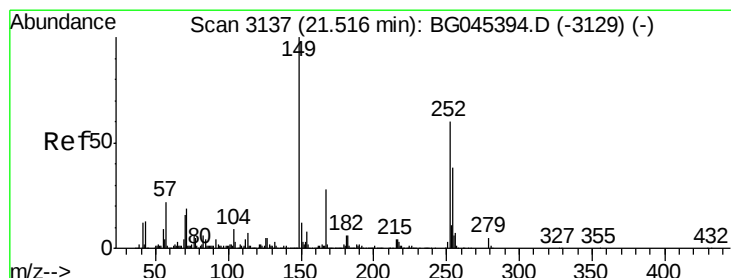
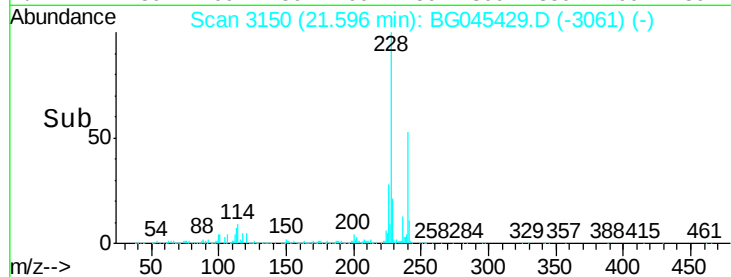
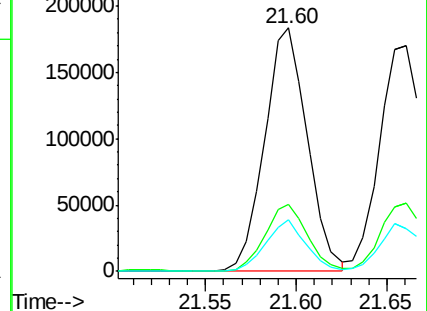
229 21.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.986 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

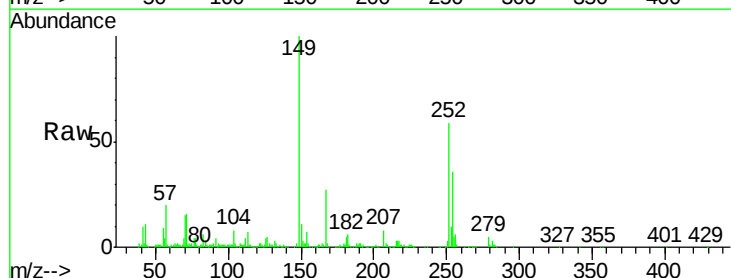
Tgt Ion:252 Resp: 123454

Ion Ratio Lower Upper

252 100

254 60.9 51.3 76.9

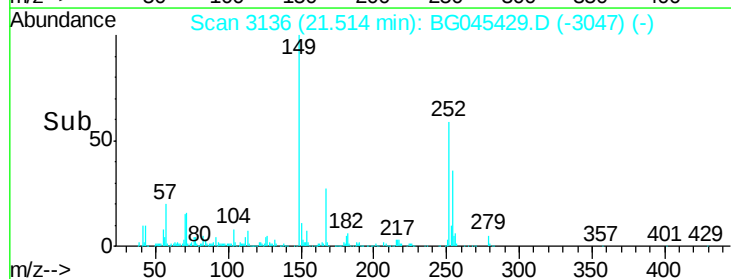
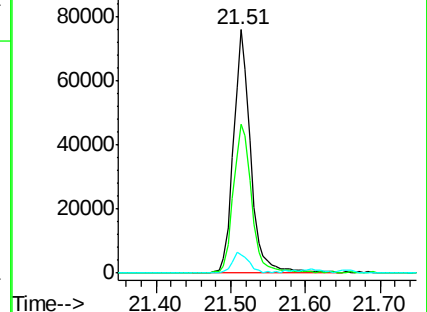
126 7.6 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.771 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

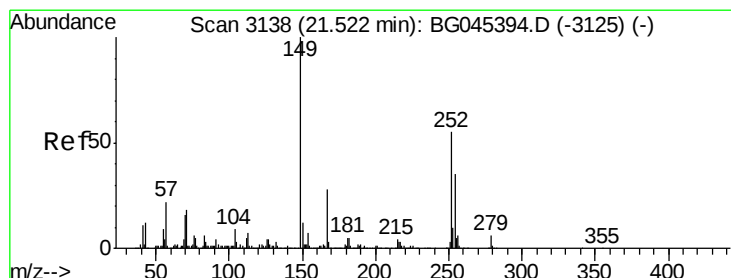
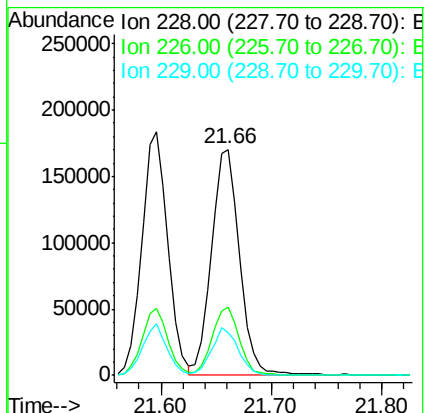
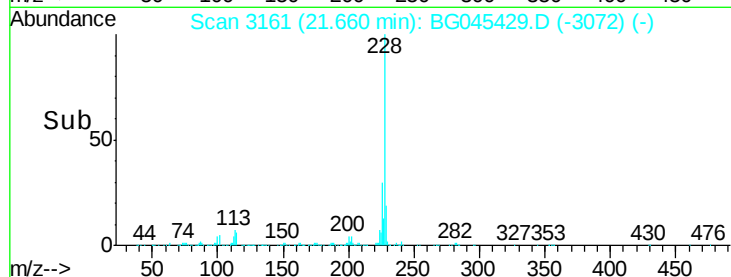
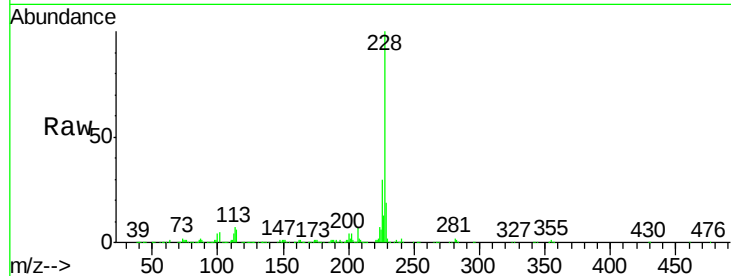
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 295360

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.2	37.8
229	18.9	16.7	25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.512 ng

RT: 21.51 min Scan# 3136

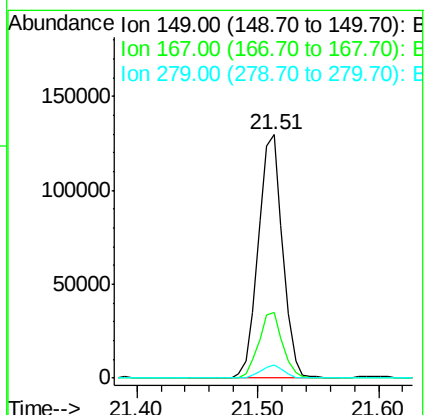
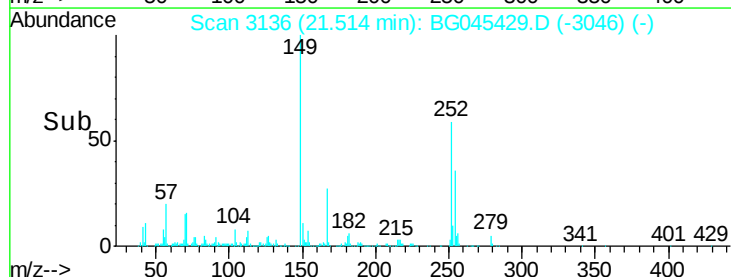
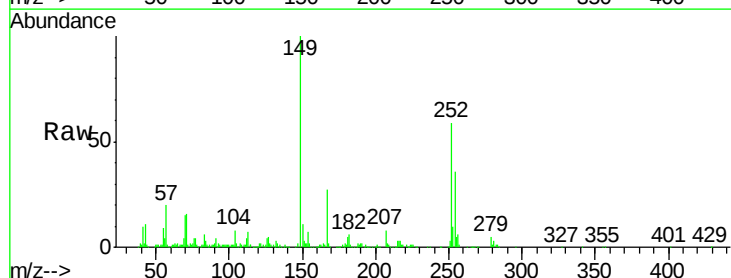
Delta R.T. 0.00 min

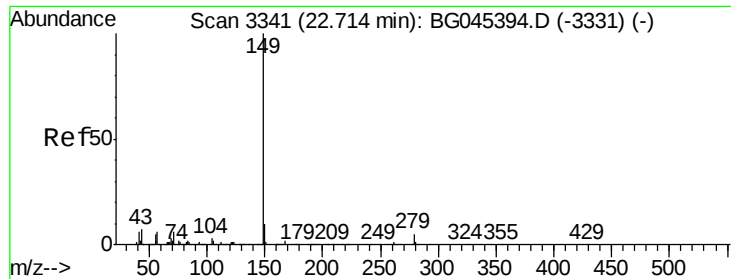
Lab File: BG045429.D

Acq: 19 May 2020 18:05

Tgt Ion:149 Resp: 181004

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	5.4	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 8.154 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

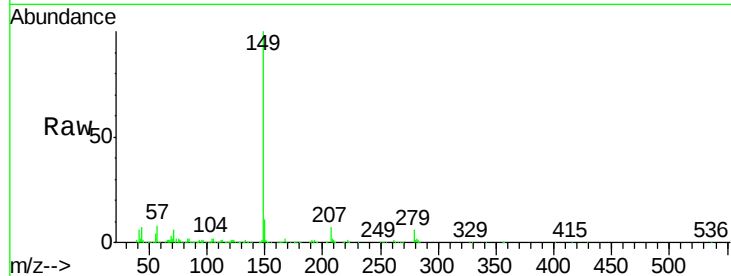
Tot Ion:149 Resp: 297794

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

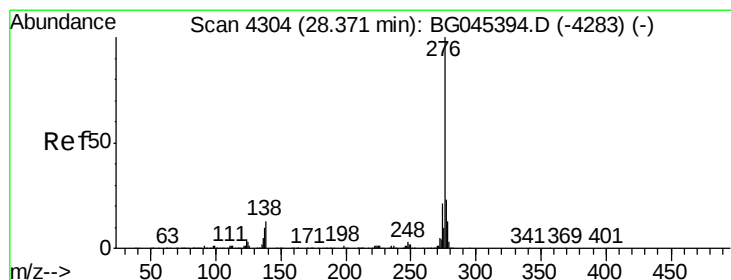
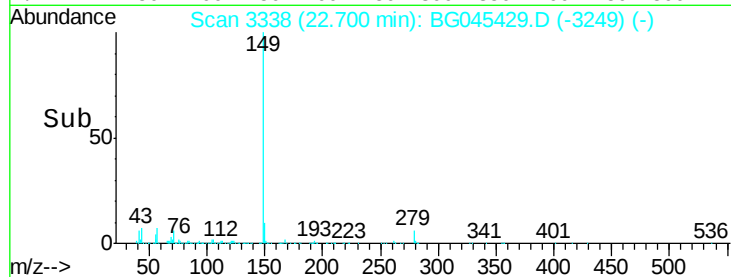
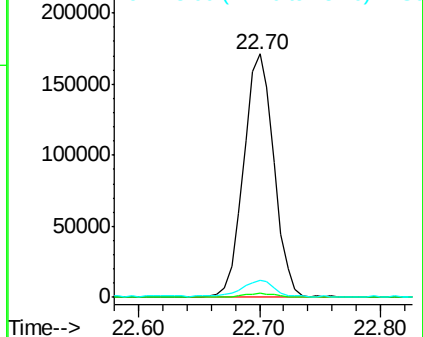
43 7.4 5.8 8.8



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: 7.992 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.03 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

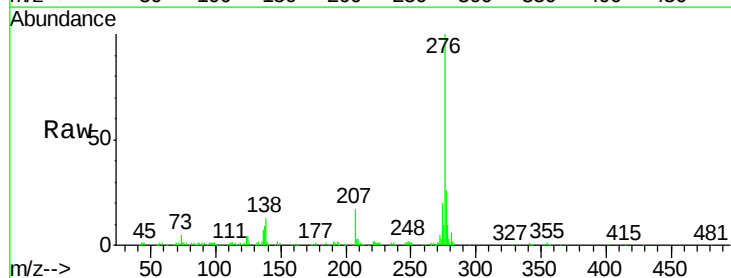
Tgt Ion:276 Resp: 351933

Ion Ratio Lower Upper

276 100

138 10.1 8.6 12.8

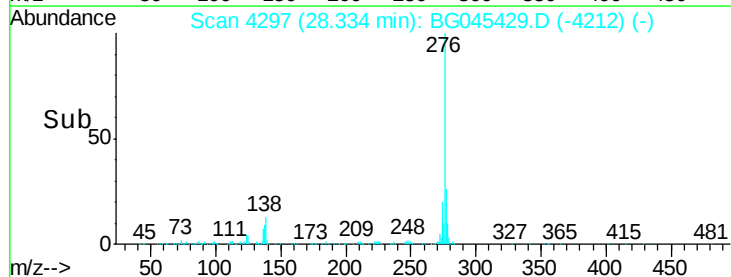
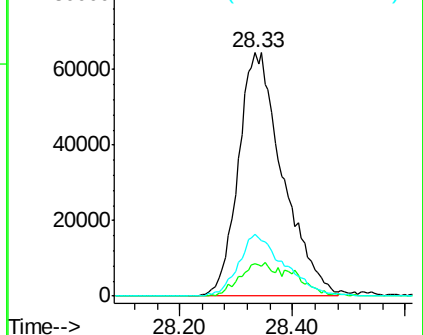
277 26.1 20.2 30.4

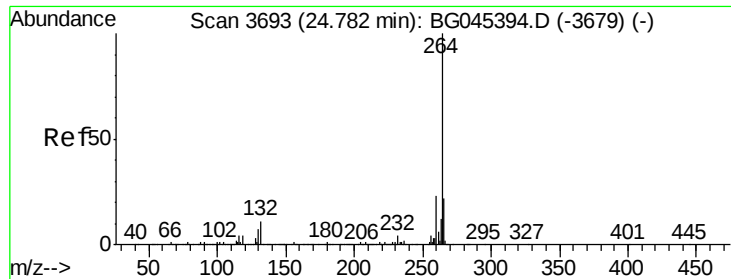


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

Instrument :

BNA_G

ClientSampleId :

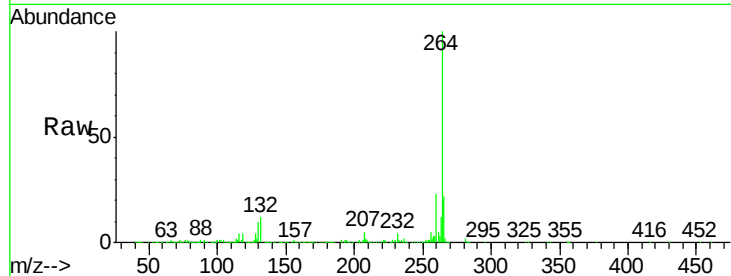
Tot Ion:264 Resp: 675996

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	17.6	26.4

264 100

260 22.7 18.2 27.4

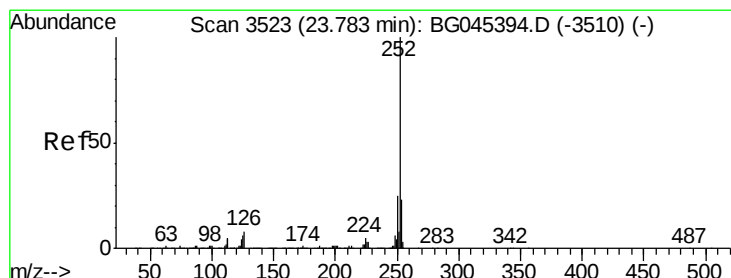
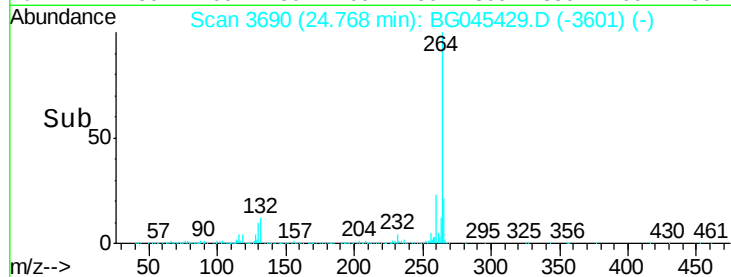
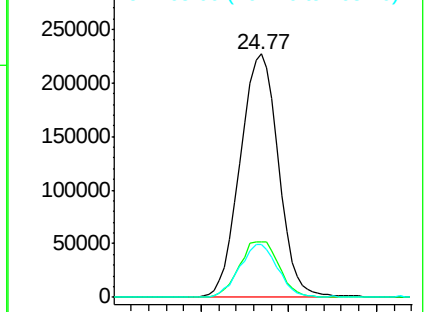
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.366 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG045429.D

Acq: 19 May 2020 18:05

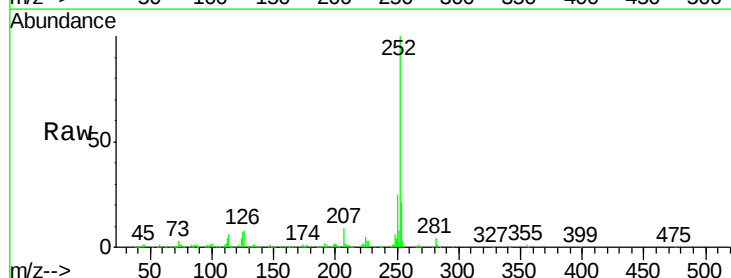
Tgt Ion:252 Resp: 303322

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	7.1	5.0	7.6

252 100

253 21.2 18.1 27.1

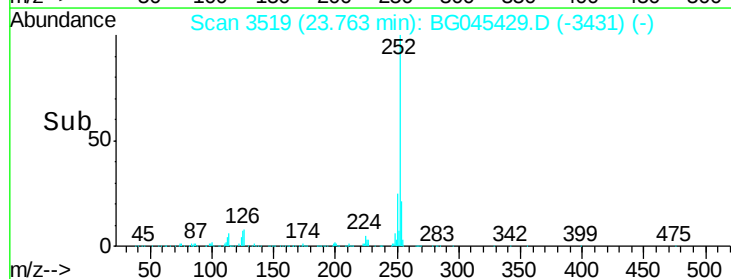
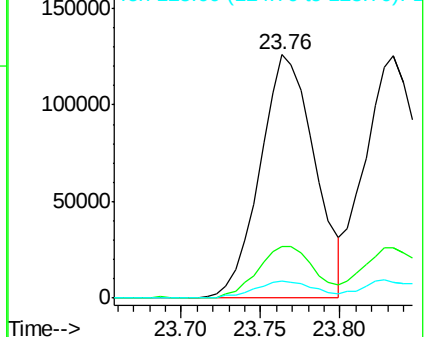
125 7.1 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

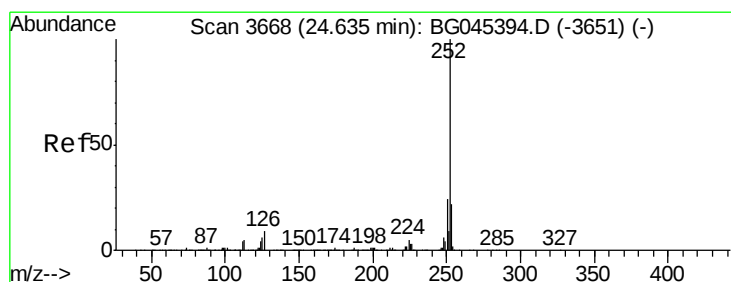
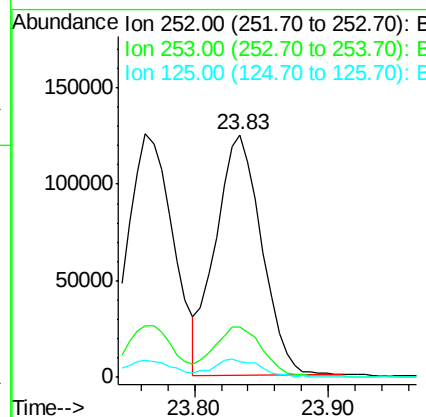
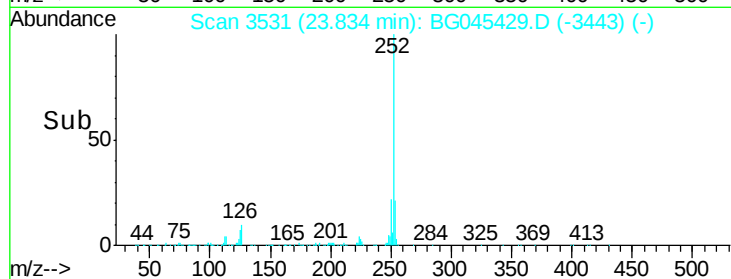
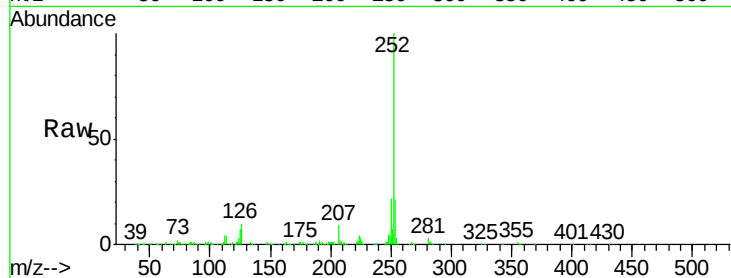




#89
Benzo(k)fluoranthene
Concen: 8.814 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

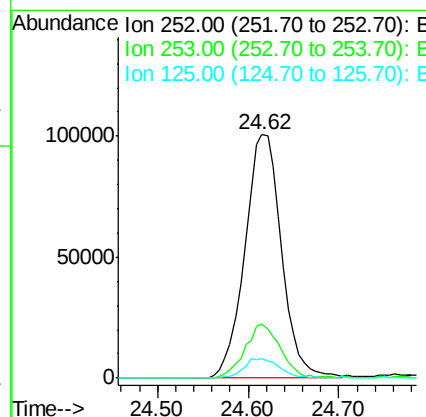
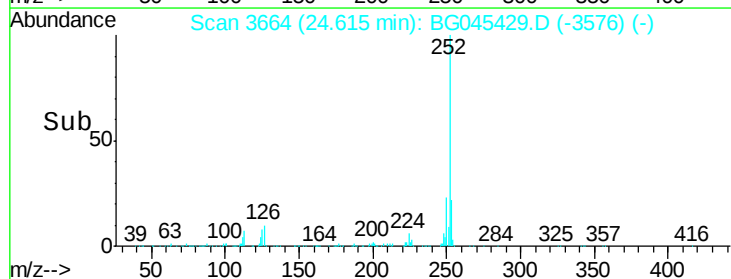
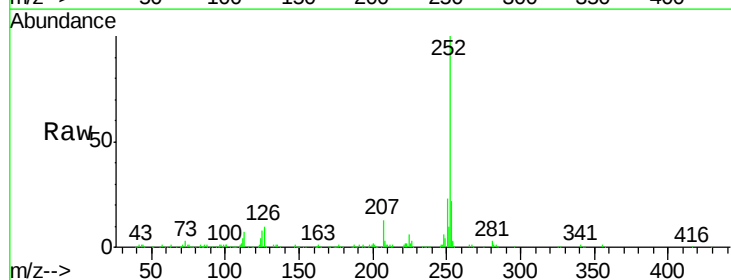
Instrument :
BNA_G
ClientSampleId :

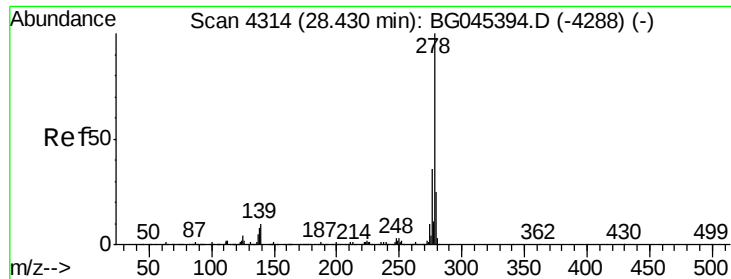
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.4	27.6
125	6.6	5.7	8.5



#90
Benzo(a)pyrene
Concen: 8.383 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.1	5.0	7.6

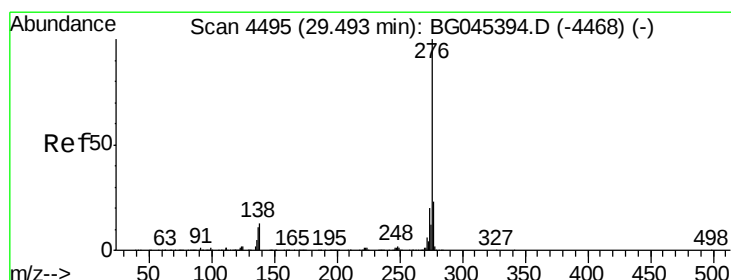
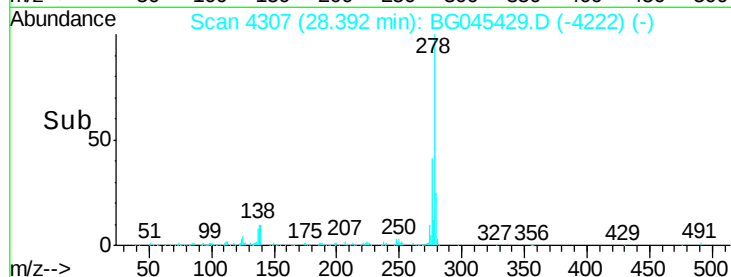
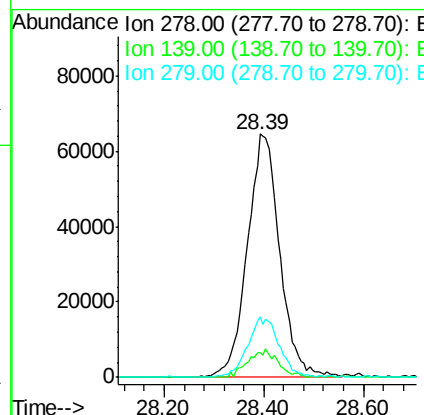
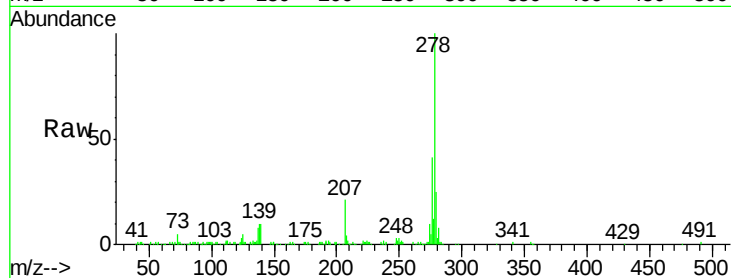




#91
Dibenzo(a,h)anthracene
Concen: 8.603 ng
RT: 28.39 min Scan# 4307
Delta R.T. -0.03 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.8	11.8
279	25.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 8.711 ng
RT: 29.45 min Scan# 4487
Delta R.T. -0.03 min
Lab File: BG045429.D
Acq: 19 May 2020 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	13.0	10.2	15.4

