

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045713.D
 Acq On : 11 Jun 2020 8:05
 Operator : CG/JU
 Sample : L2822-02DL2 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL2

Quant Time: Jun 11 08:41:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

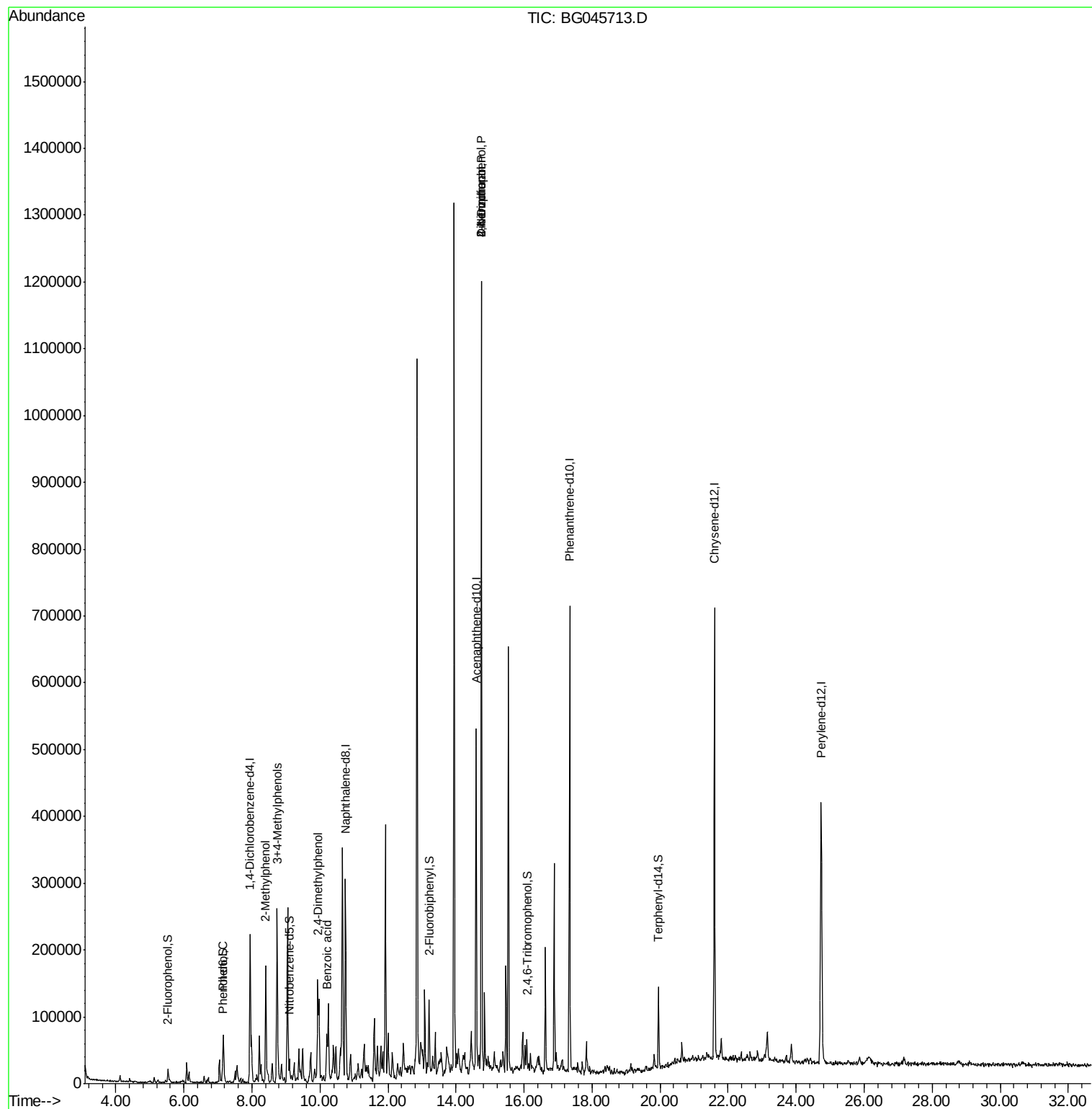
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	65606	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	254144	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	185470	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	428237	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	433062	20.00	ng	-0.01
87) Perylene-d12	24.73	264	456499	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	10728	3.20	ng	0.00
7) Phenol-d6	7.14	99	15427	3.23	ng	-0.01
23) Nitrobenzene-d5	9.10	82	12564	2.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	9484	4.00	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	29426	2.69	ng	0.00
79) Terphenyl-d14	19.95	244	57490	3.10	ng	-0.01
Target Compounds						
10) Phenol	7.16	94	43234	8.780	ng	91
17) 2-Methylphenol	8.41	107	55856	15.154	ng	92
20) 3+4-Methylphenols	8.74	107	123519	24.609	ng	93
27) 2,4-Dimethylphenol	9.94	122	47112	14.871	ng	98
32) Benzoic acid	10.21	122	20746	17.640	ng	# 22
54) 2,4-Dinitrophenol	14.74	184	3287	7.087	ng	# 1
55) Dibenzofuran	14.74	168	52165	3.530	ng	90
56) 4-Nitrophenol	14.74	139	23225	10.511	ng	# 62

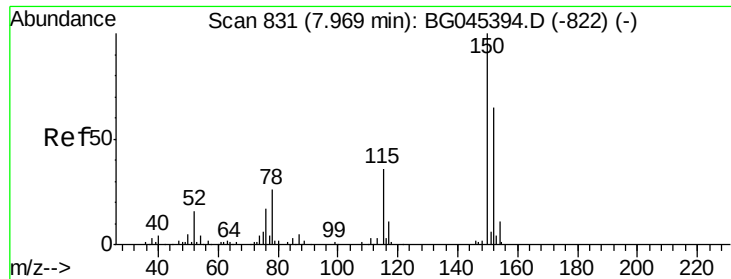
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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Misc :
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Instrument :
BNA_G
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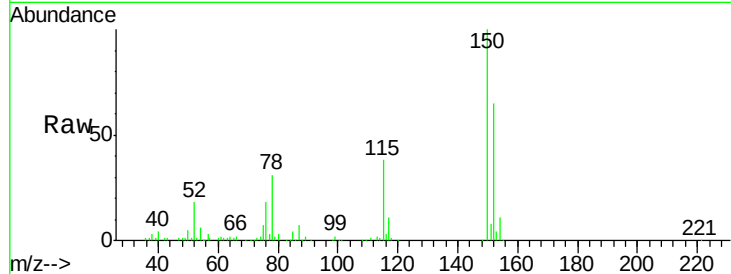


#1

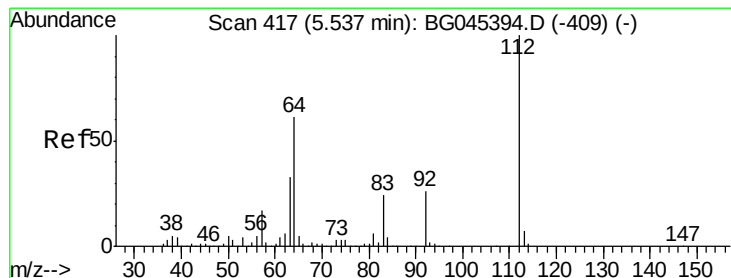
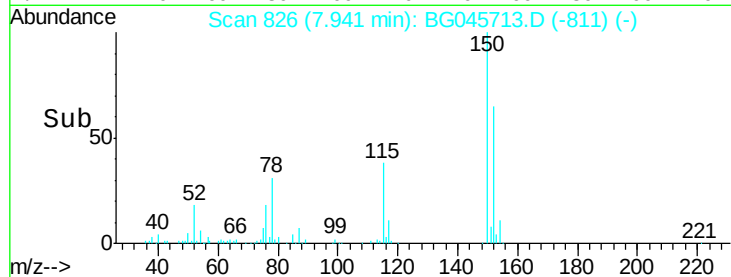
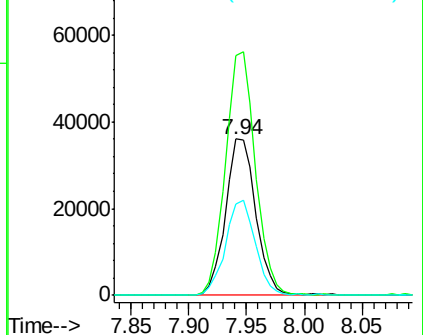
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

Tot Ion	152	Resp	65606
Ion Ratio	Lower	Upper	
152	100		
150	153.6	122.4	183.6
115	58.5	44.2	66.4



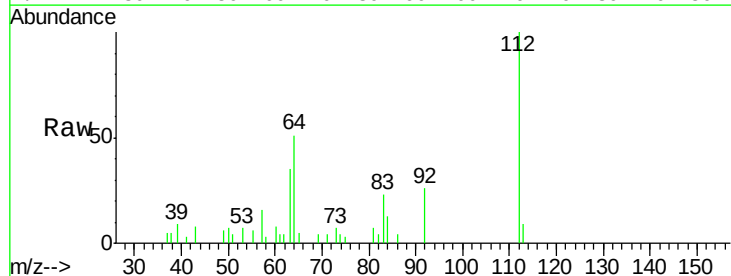
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



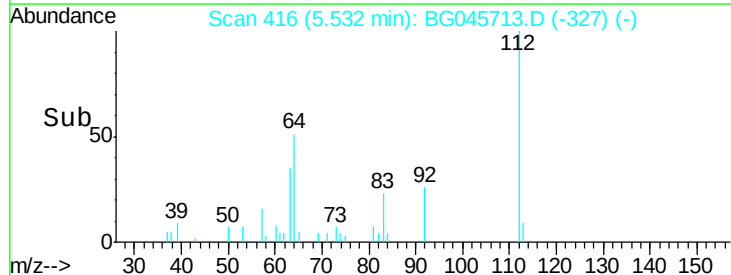
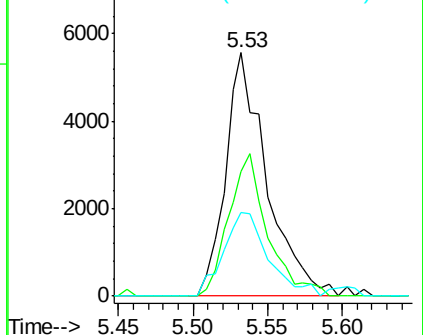
#5

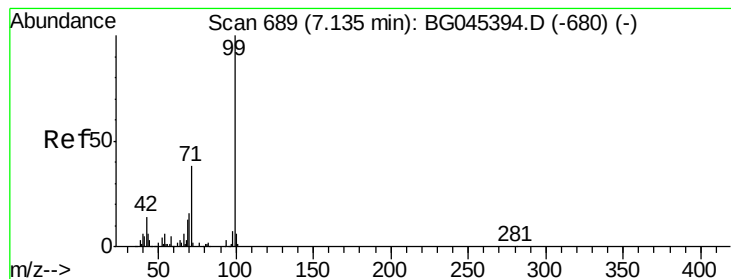
2-Fluorophenol
Concen: 3.196 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	112	Resp	10728
Ion Ratio	Lower	Upper	
112	100		
64	51.2	48.6	72.8
63	34.5	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.229 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

ClientSampleId :

C0AP7DL2

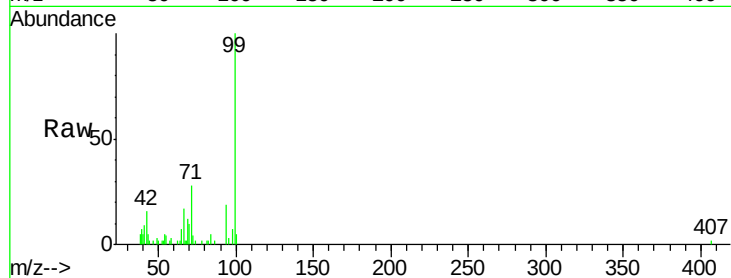
Tot Ion: 99 Resp: 15427

Ion Ratio Lower Upper

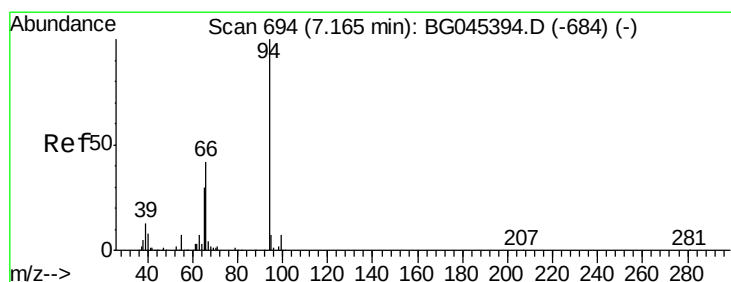
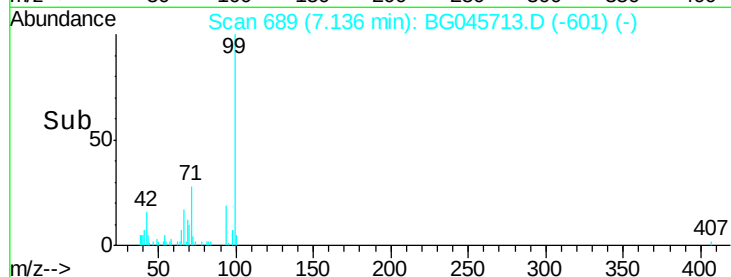
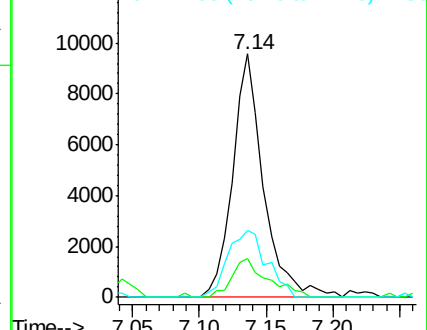
99 100

42 15.7 11.3 16.9

71 27.7 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



#10

Phenol

Concen: 8.780 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

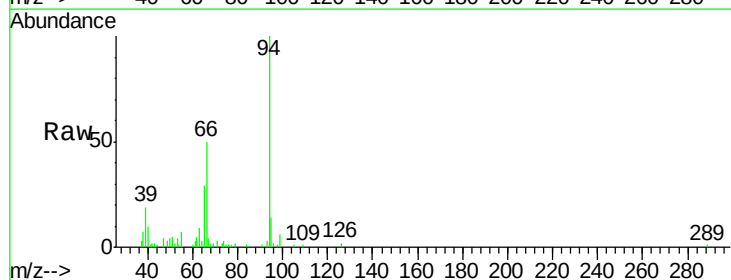
Tgt Ion: 94 Resp: 43234

Ion Ratio Lower Upper

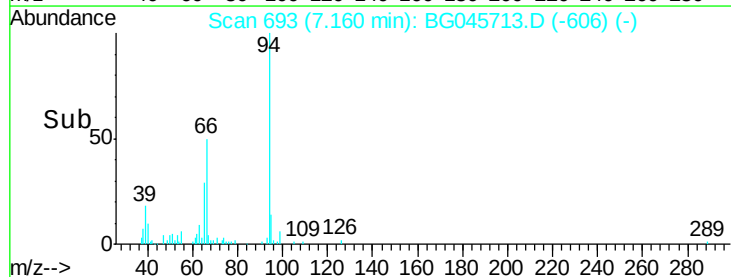
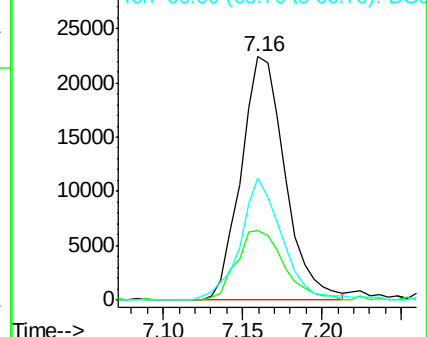
94 100

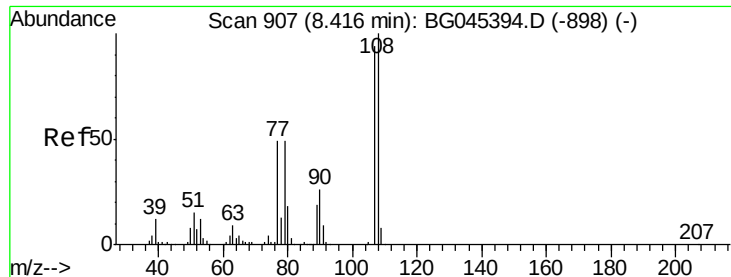
65 28.6 9.8 49.8

66 50.3 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

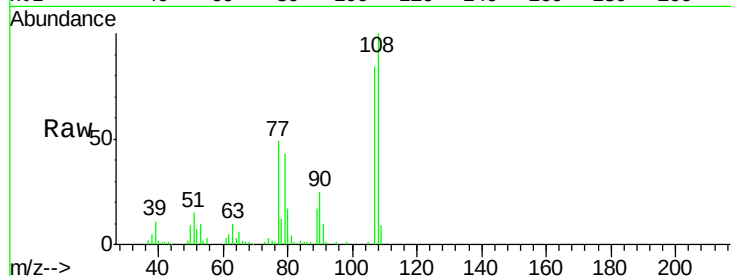




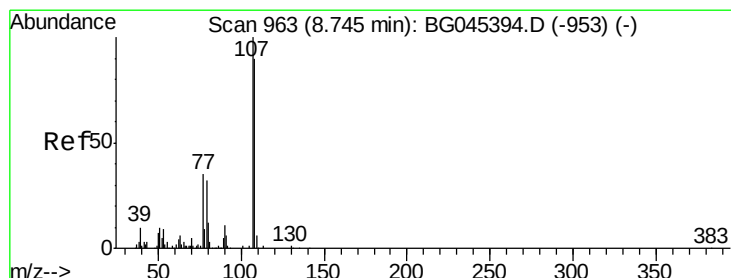
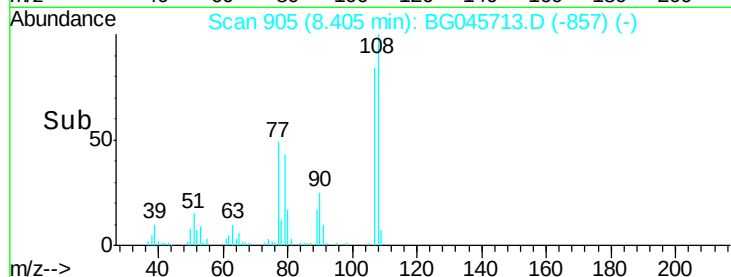
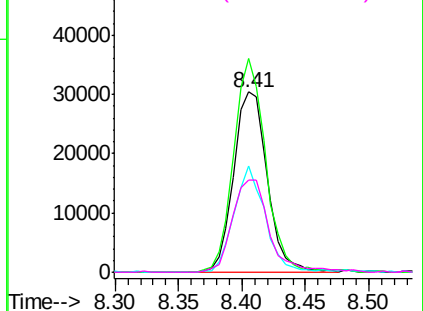
#17
2-Methylphenol
Concen: 15.154 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

Tot Ion:	107	Resp:	55856
Ion	Ratio	Lower	Upper
107	100		
108	118.4	85.2	127.8
77	58.6	41.6	62.4
79	51.2	41.8	62.8

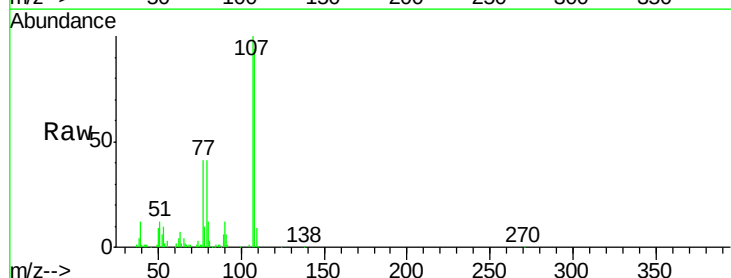


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

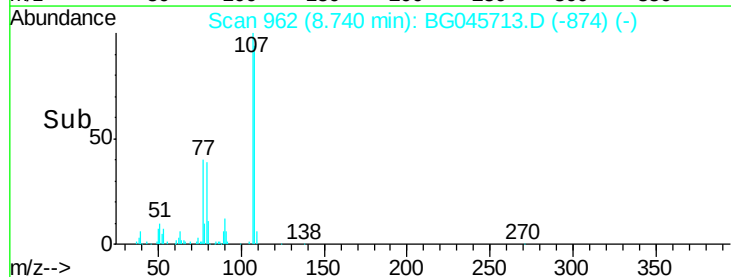
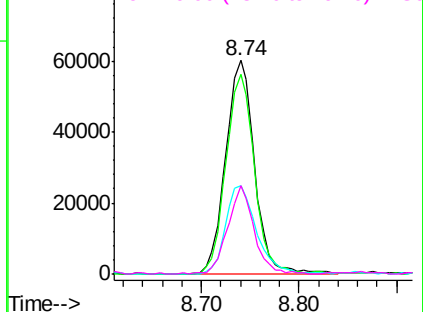


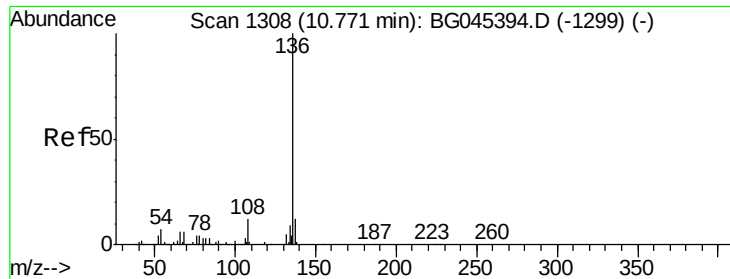
#20
3+4-Methylphenols
Concen: 24.609 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion:	107	Resp:	123519
Ion	Ratio	Lower	Upper
107	100		
108	93.7	70.3	110.3
77	41.1	15.4	55.4
79	41.2	12.6	52.6



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): BGC
Ion 79.00 (78.70 to 79.70): BGC

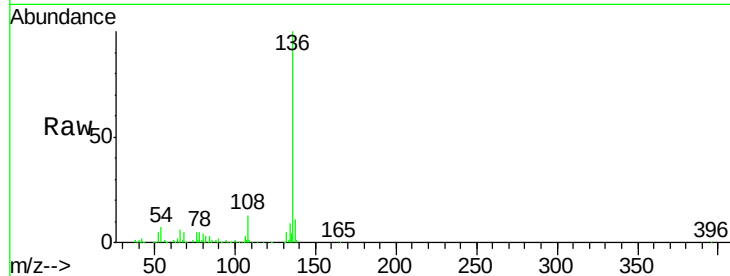




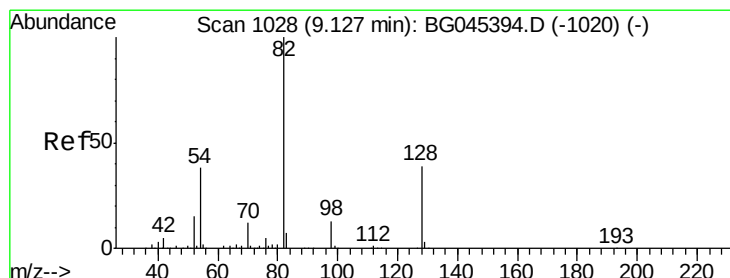
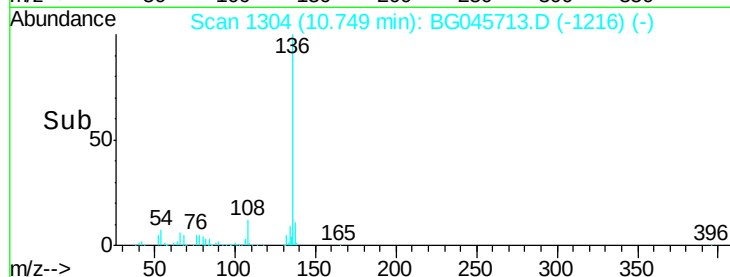
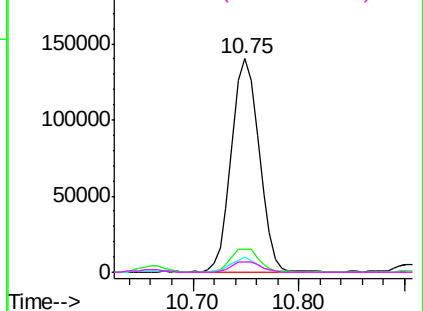
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

Tot Ion:136	Resp:	254144
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.4 14.2
54	6.9	5.8 8.6
68	4.9	4.5 6.7

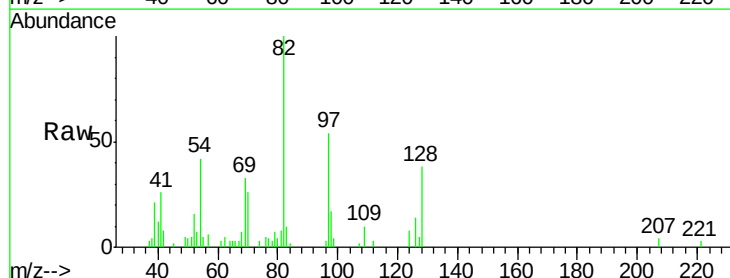


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

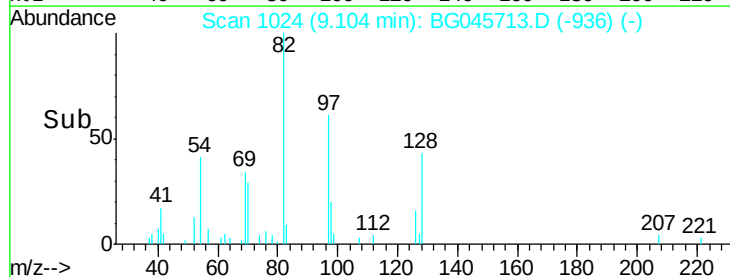
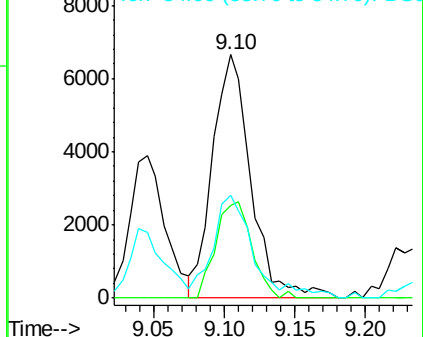


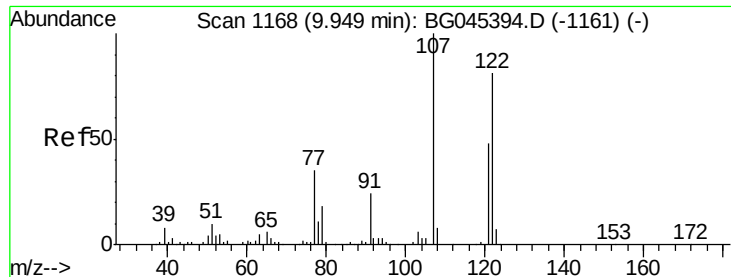
#23
Nitrobenzene-d5
Concen: 2.696 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion: 82	Resp:	12564
Ion Ratio	Lower	Upper
82	100	
128	37.9	30.9 46.3
54	42.0	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

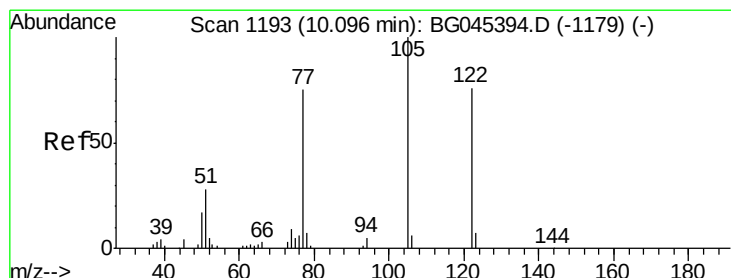
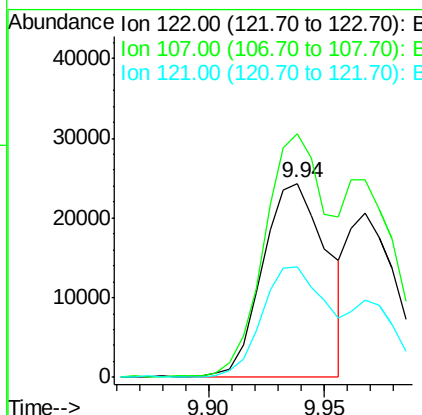
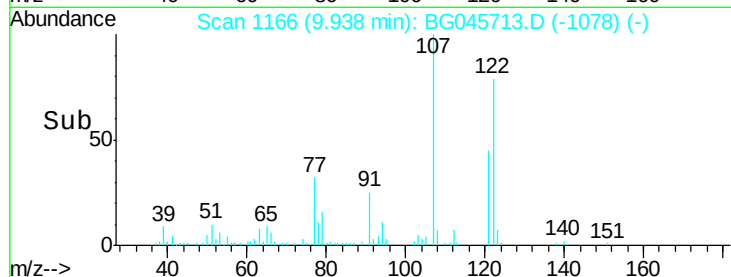
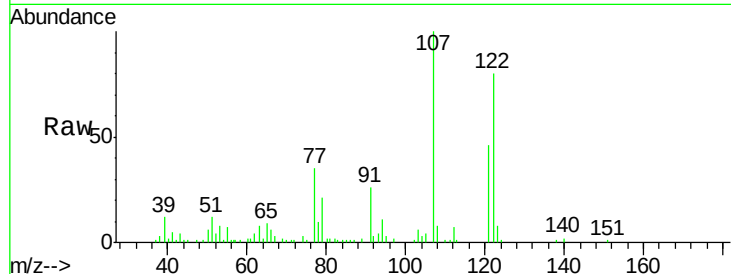




#27
2,4-Dimethylphenol
Concen: 14.871 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

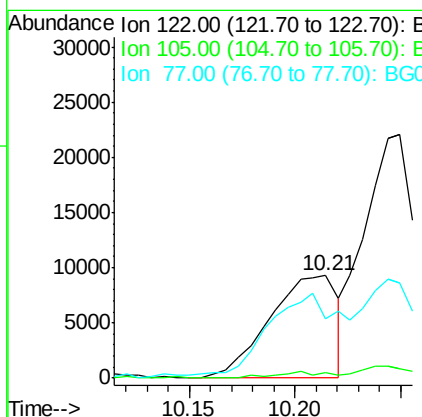
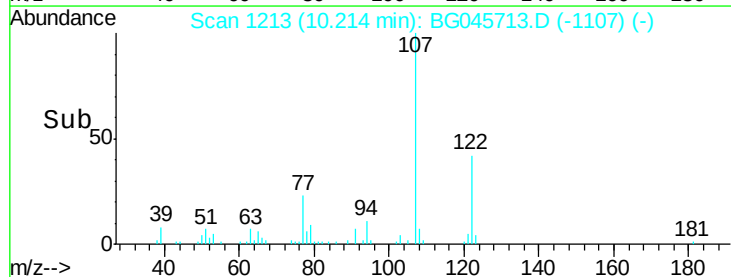
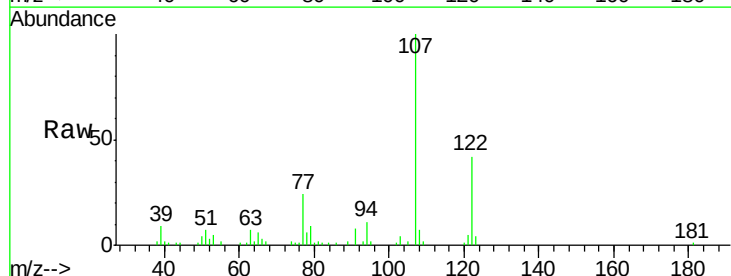
Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

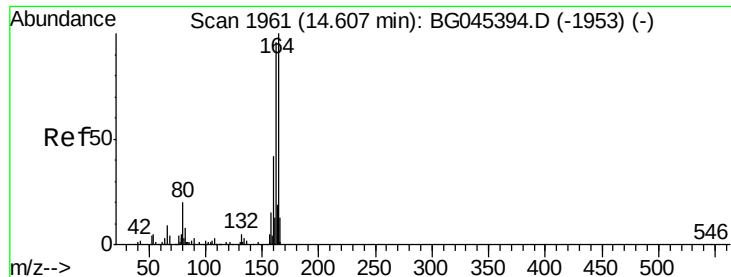
Tot Ion:122 Resp: 47112
Ion Ratio Lower Upper
122 100
107 125.7 99.0 148.4
121 57.2 47.7 71.5



#32
Benzoic acid
Concen: 17.640 ng
RT: 10.21 min Scan# 1213
Delta R.T. 0.10 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion:122 Resp: 20746
Ion Ratio Lower Upper
122 100
105 5.6 107.9 147.9#
77 57.7 78.9 118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

ClientSampleId :

C0AP7DL2

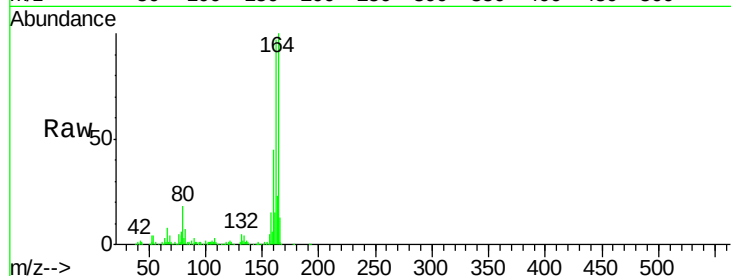
Tot Ion:164 Resp: 185470

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

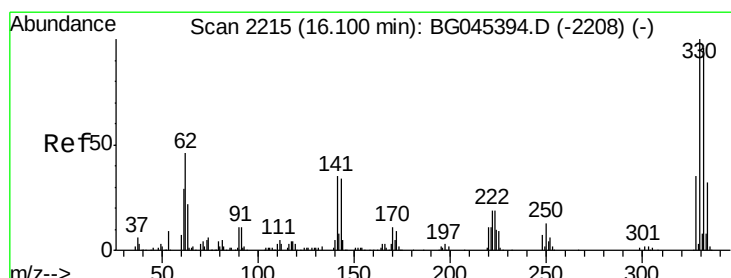
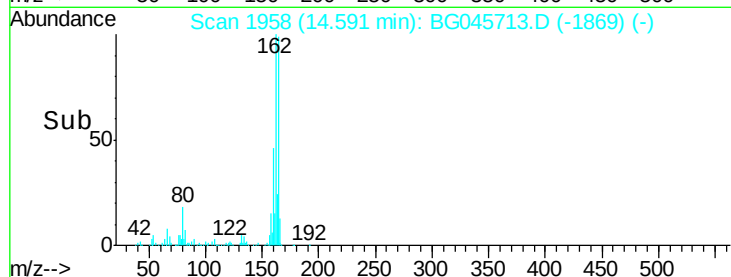
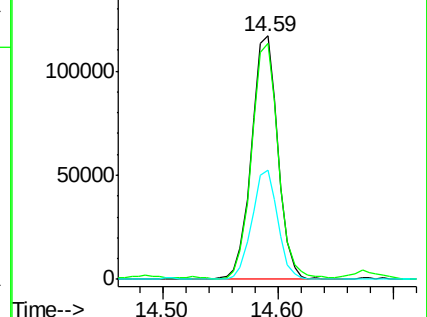
160 44.7 33.8 50.8



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



#42

2,4,6-Tribromophenol

Concen: 3.998 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

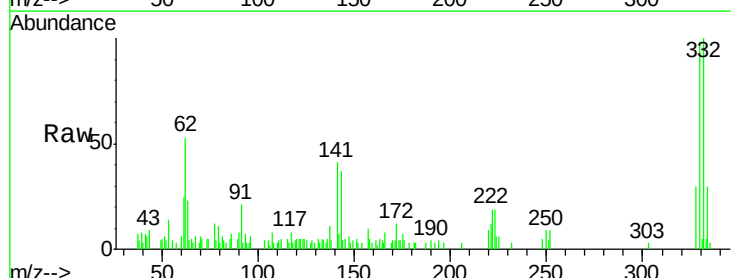
Tgt Ion:330 Resp: 9484

Ion Ratio Lower Upper

330 100

332 94.4 78.2 117.4

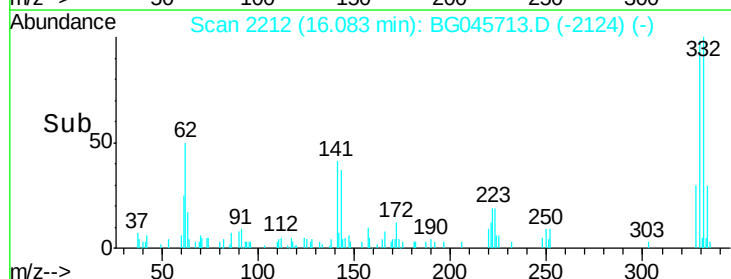
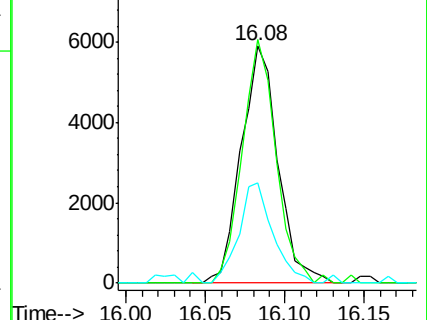
141 39.0 28.2 42.4

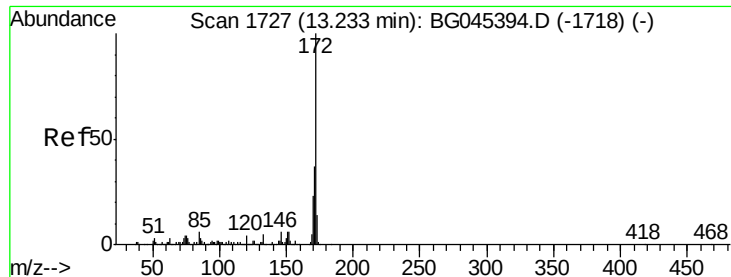


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

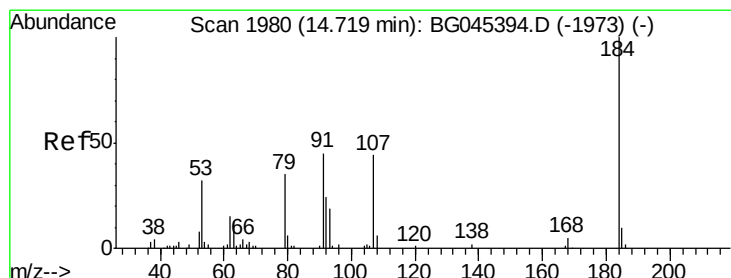
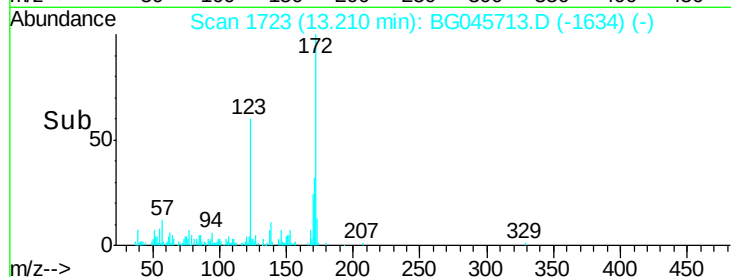
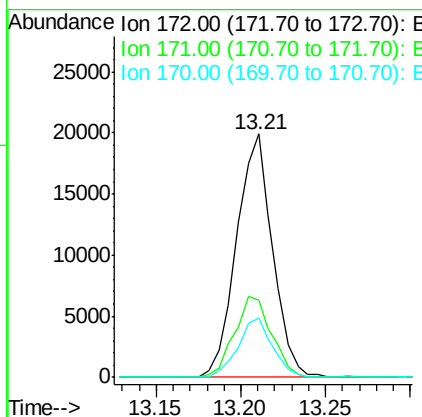
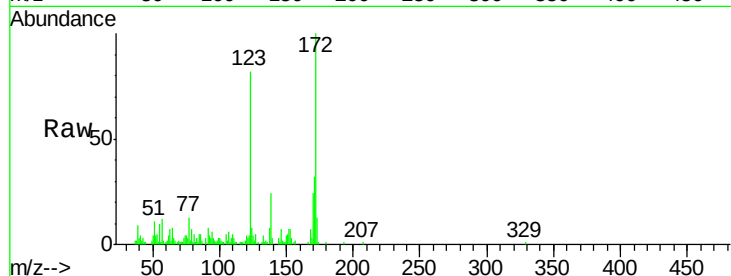




#45
2-Fluorobiphenyl
Concen: 2.691 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

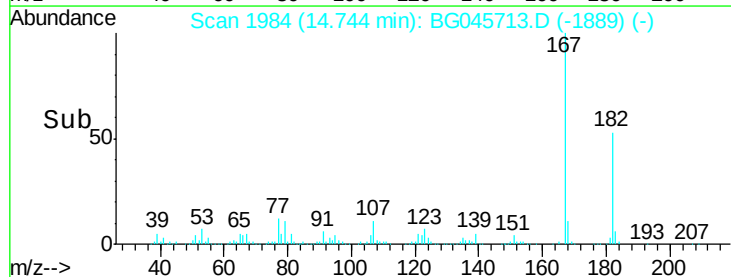
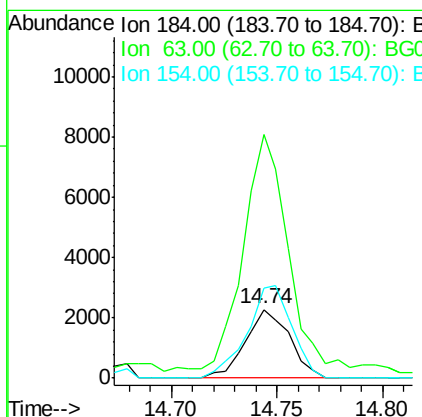
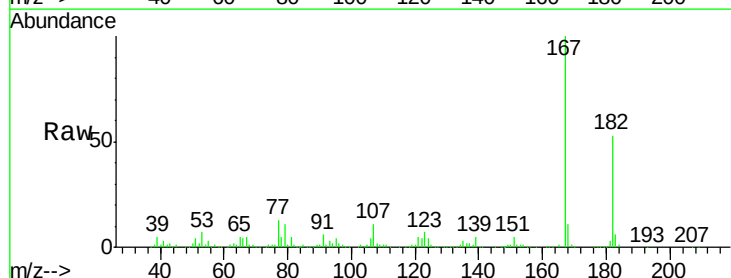
Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

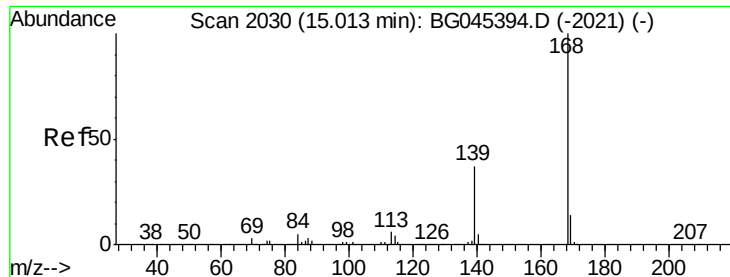
Tot Ion:172 Resp: 29426
Ion Ratio Lower Upper
172 100
171 31.5 29.5 44.3
170 24.3 18.5 27.7



#54
2,4-Dinitrophenol
Concen: 7.087 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.03 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion:184 Resp: 3287
Ion Ratio Lower Upper
184 100
63 354.4 47.8 71.6#
154 131.7 58.3 87.5#

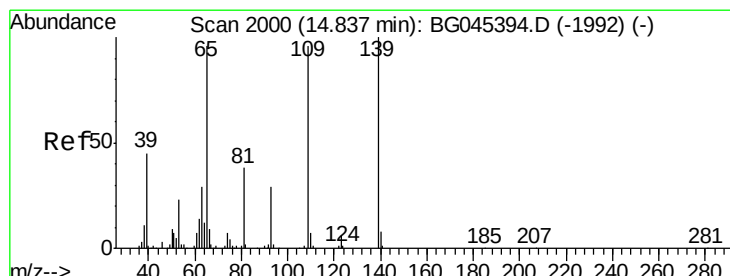
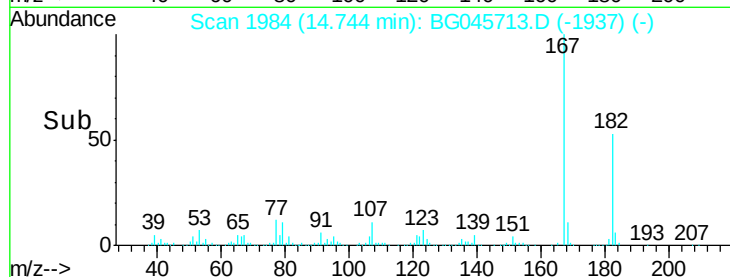
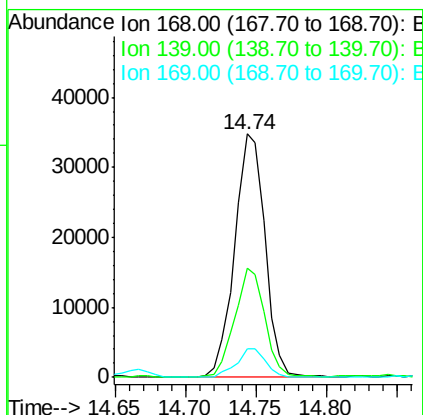
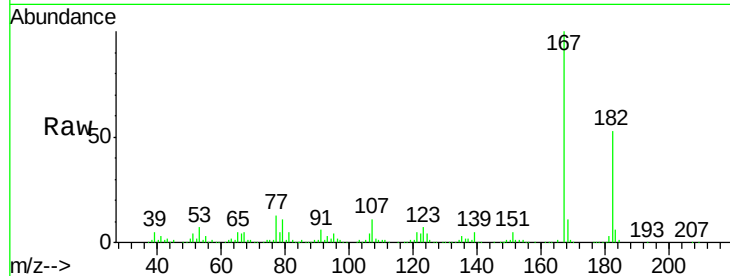




#55
Dibenzofuran
Concen: 3.530 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.25 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

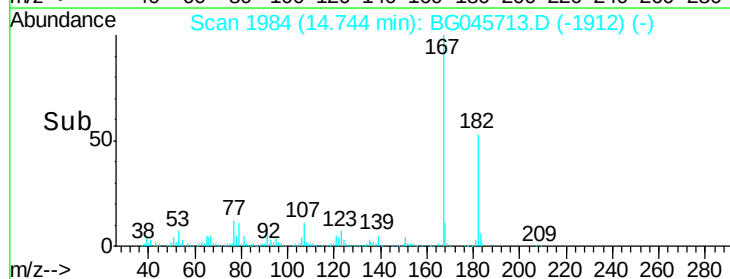
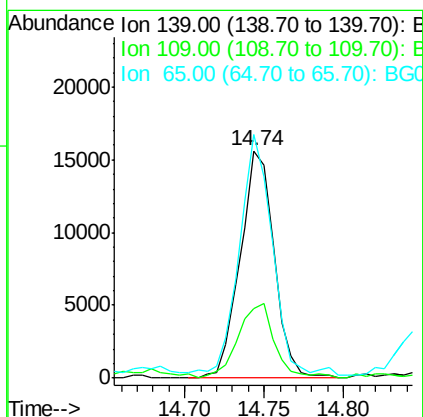
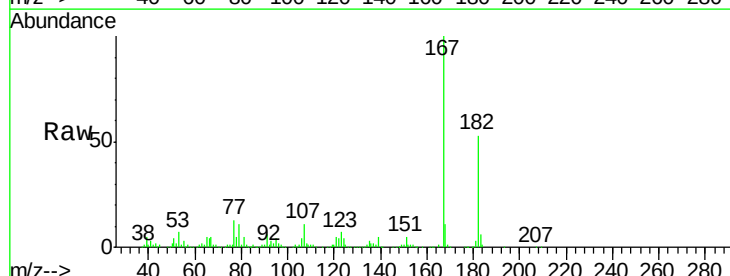
Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

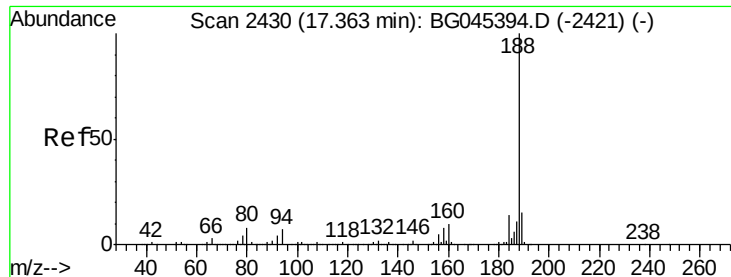
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.9	29.9	44.9
169	11.7	10.9	16.3



#56
4-Nitrophenol
Concen: 10.511 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.10 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.8	75.6	115.6#
65	107.2	76.8	116.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

ClientSampleId :

C0AP7DL2

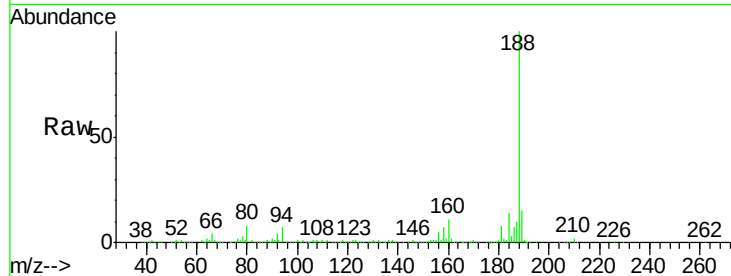
Tot Ion:188 Resp: 428237

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

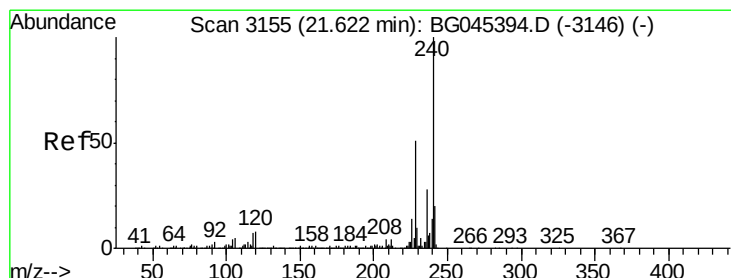
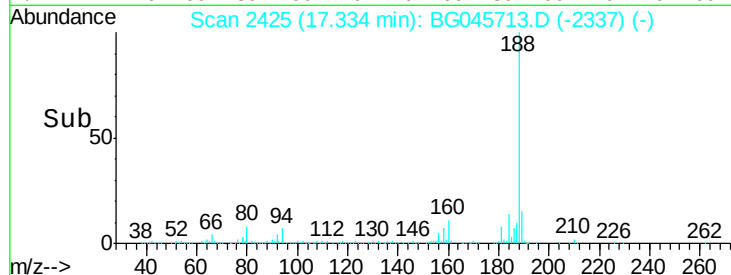
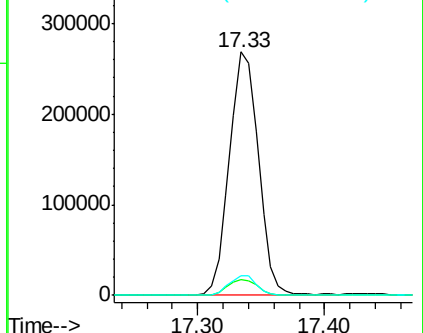
80 8.0 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

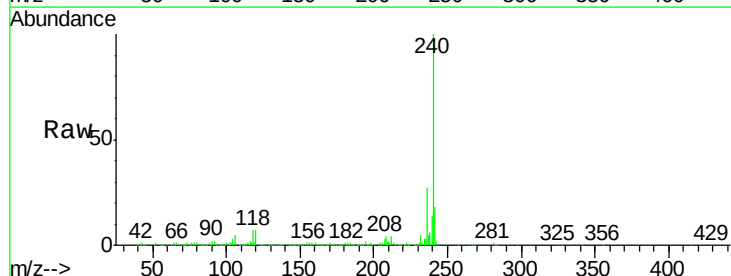
Tgt Ion:240 Resp: 433062

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

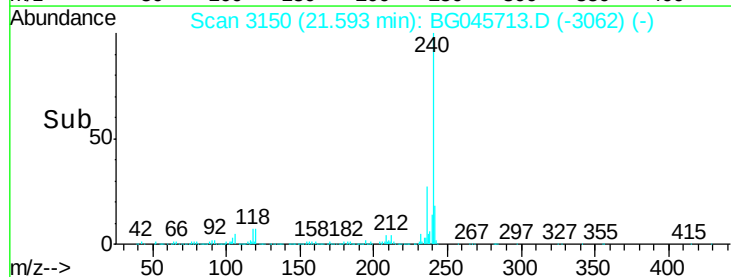
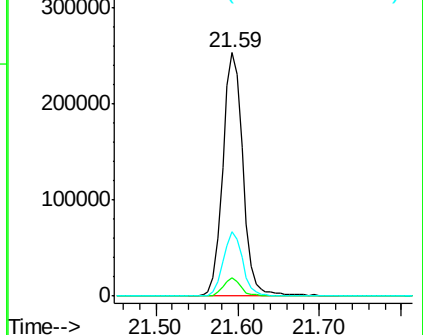
236 26.6 22.3 33.5

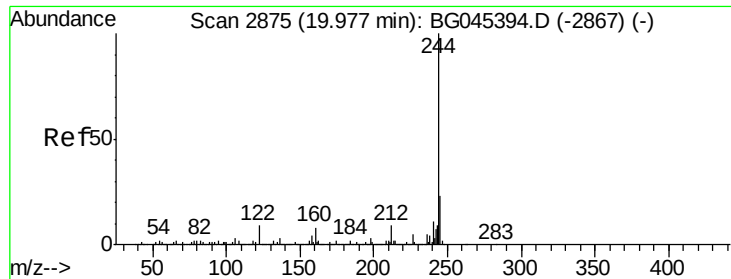


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.096 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

ClientSampleId :

C0AP7DL2

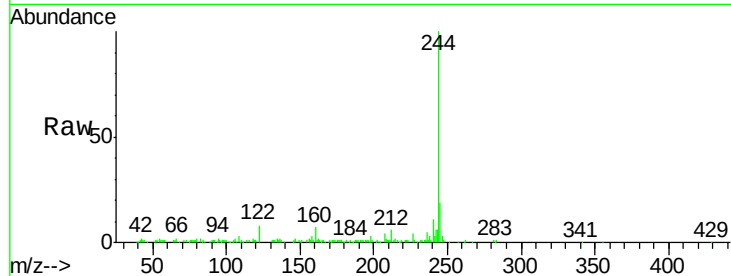
Tot Ion:244 Resp: 57490

Ion Ratio Lower Upper

244 100

212 6.4 7.4 11.0#

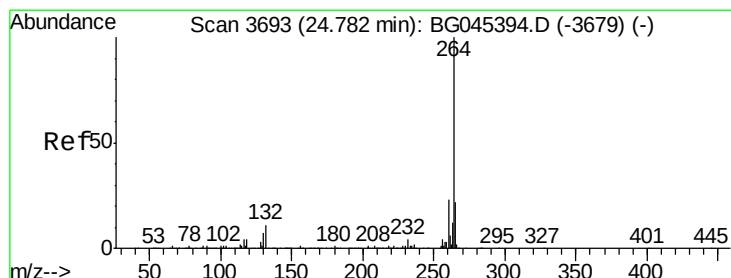
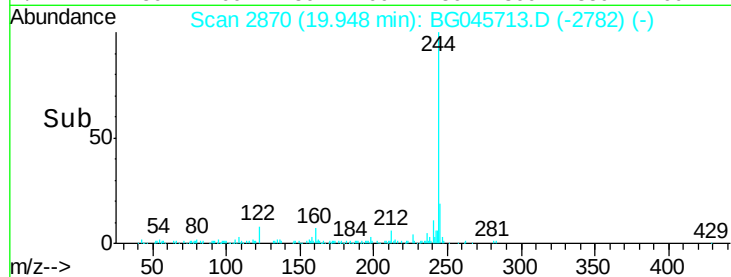
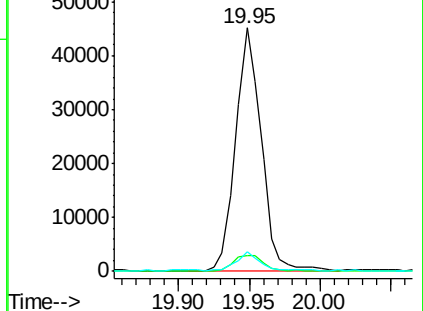
122 8.3 6.8 10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

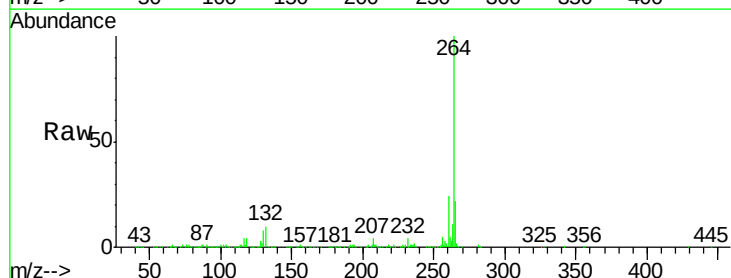
Tgt Ion:264 Resp: 456499

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.6 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

