

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045752.D
 Acq On : 12 Jun 2020 22:45
 Operator : CG/JU
 Sample : L2986-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 16-20-COMP

Quant Time: Jun 12 23:51:05 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

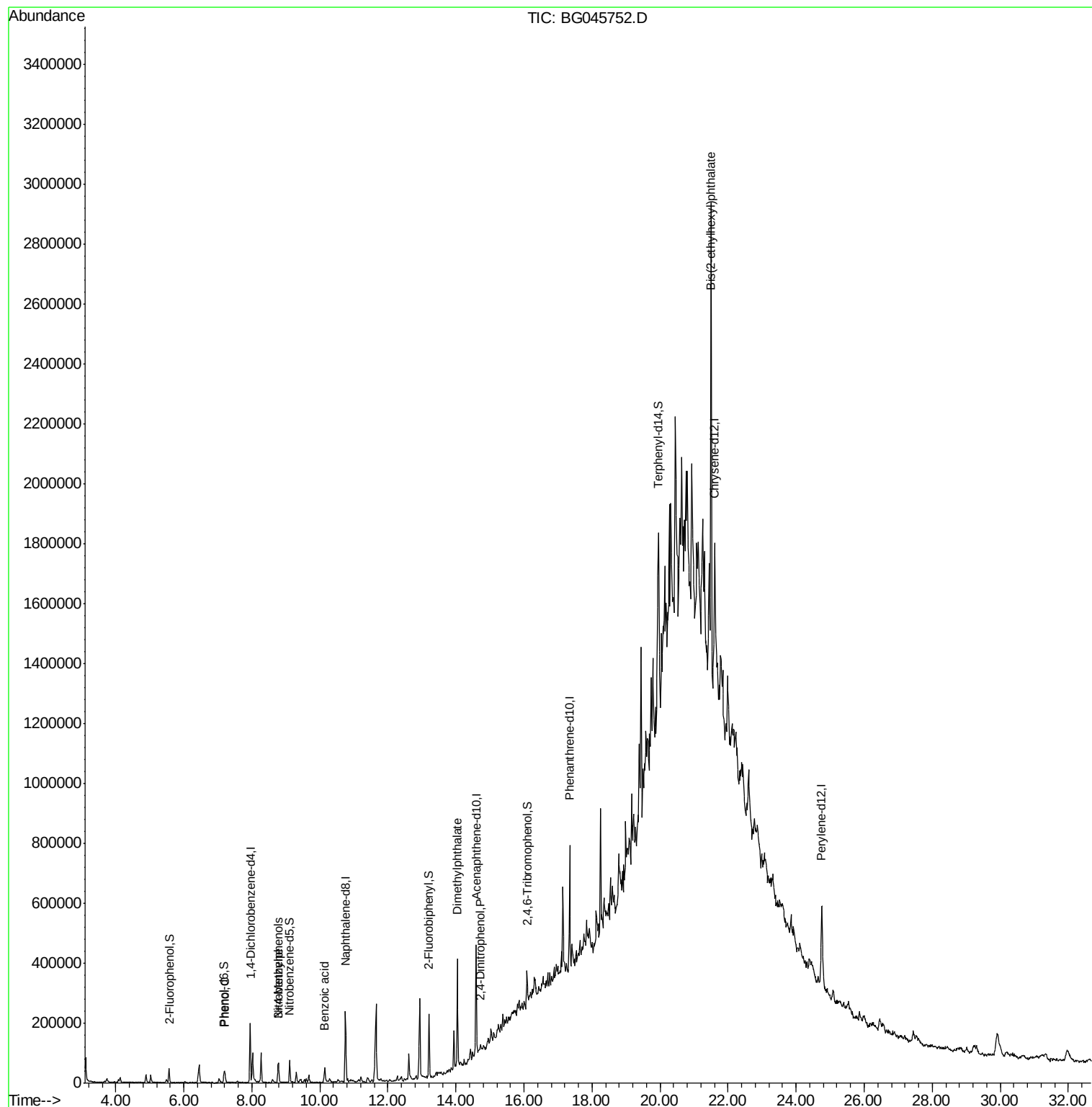
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	53907	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	205221	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	128523	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	263944	20.00	ng	0.00
76) Chrysene-d12	21.61	240	257717	20.00	ng	0.00
87) Perylene-d12	24.75	264	282969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	24016	8.71	ng	0.03
7) Phenol-d6	7.18	99	22635	5.77	ng	0.03
23) Nitrobenzene-d5	9.11	82	52535	13.96	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	25687	15.63	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	117680	15.53	ng	0.00
79) Terphenyl-d14	19.96	244	178422	16.15	ng	0.00
Target Compounds						
10) Phenol	7.20	94	20435	5.050	ng	95
20) 3+4-Methylphenols	8.77	107	37138	9.005	ng	91
24) Nitrobenzene	8.78	77	16391	4.065	ng	# 46
32) Benzoic acid	10.12	122	3271	11.510	ng	# 84
50) Dimethylphthalate	14.04	163	142085	16.116	ng	98
54) 2,4-Dinitrophenol	14.72	184	80	5.516	ng	# 53
84) Bis(2-ethylhexyl)phthalate	21.50	149	597241	68.517	ng	98

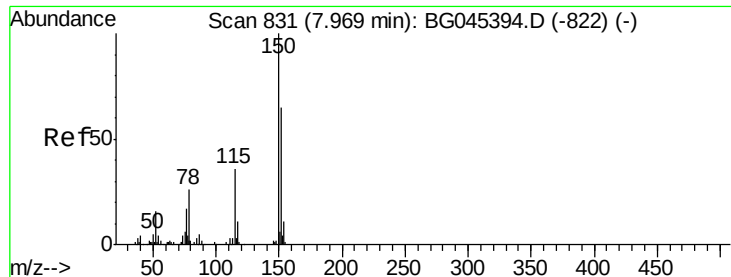
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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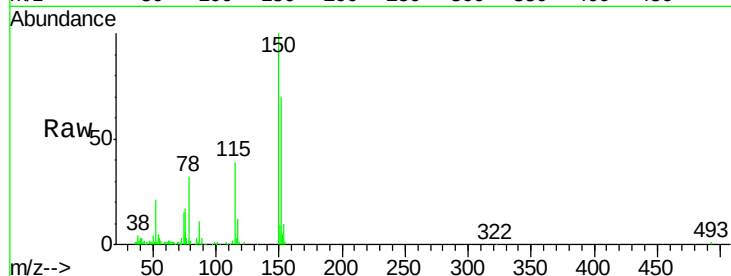


#1

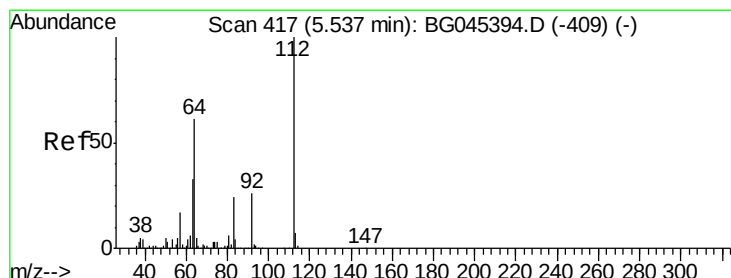
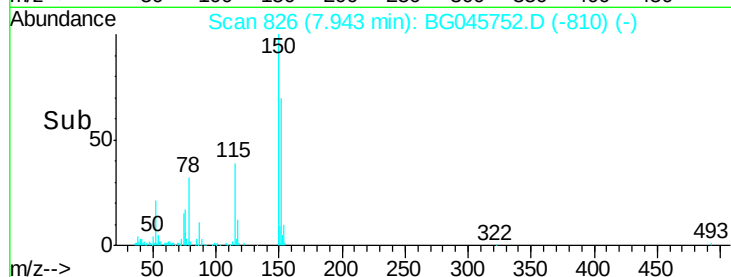
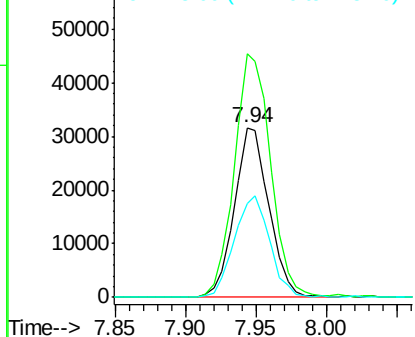
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045752.D
Acq: 12 Jun 2020 22:45

Instrument :
BNA_G
ClientSampleId :
16-20-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	122.4	183.6
115	55.6	44.2	66.4



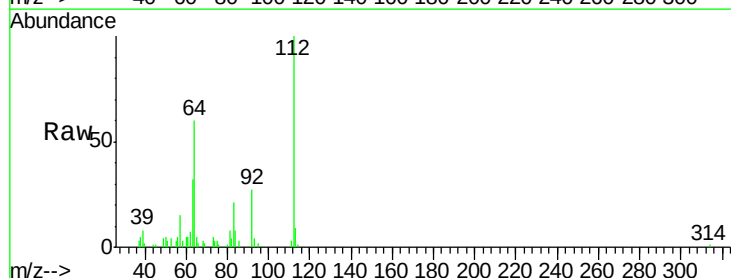
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



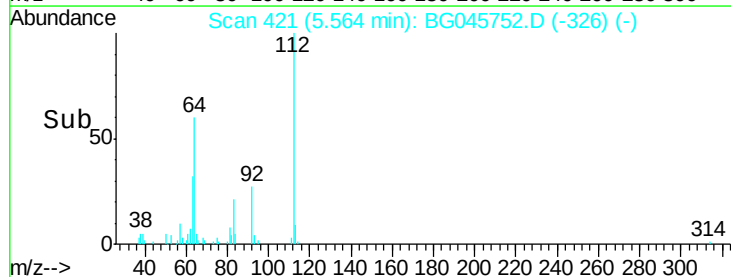
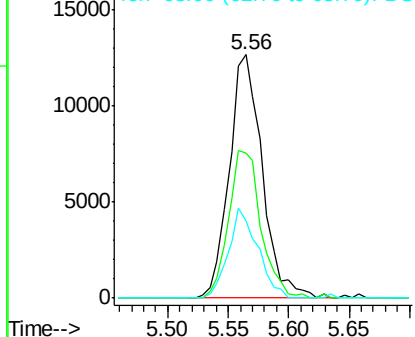
#5

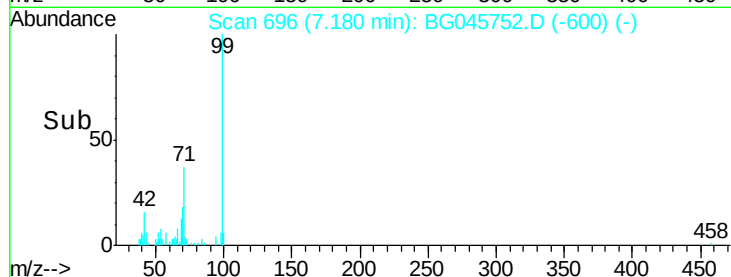
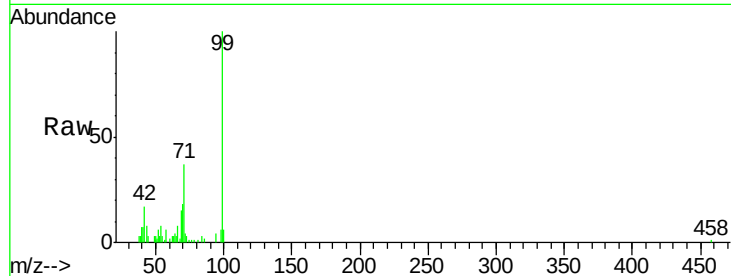
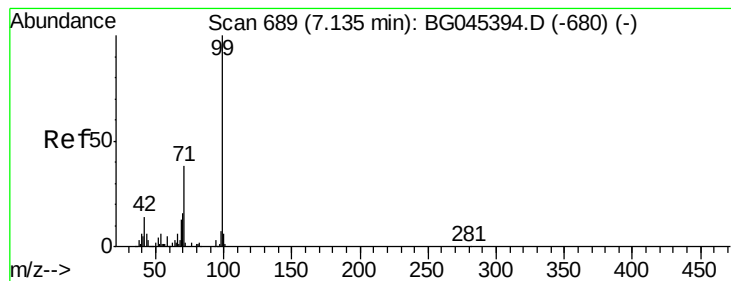
2-Fluorophenol
Concen: 8.707 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.03 min
Lab File: BG045752.D
Acq: 12 Jun 2020 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.6	72.8
63	31.7	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: 5.765 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.03 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Instrument :

BNA_G

ClientSampleId :

16-20-COMP

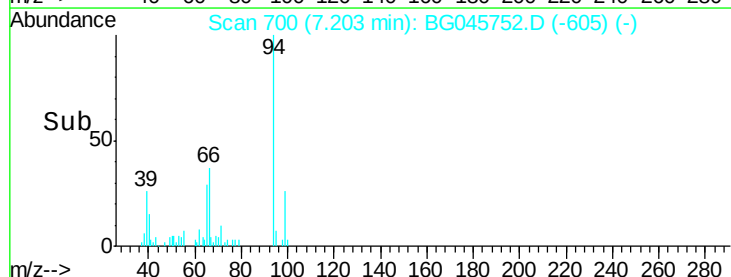
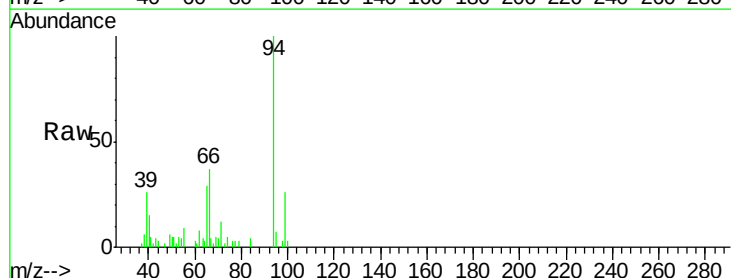
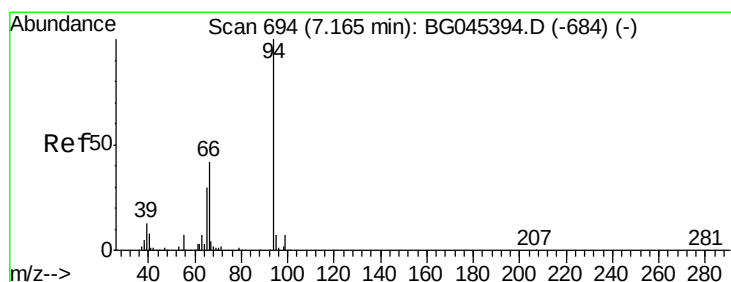
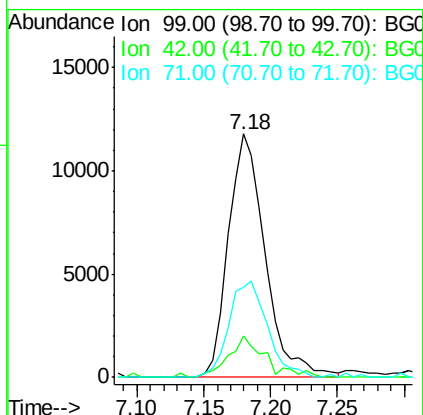
Tot Ion: 99 Resp: 22635

Ion Ratio Lower Upper

99 100

42 17.2 11.3 16.9#

71 37.1 30.8 46.2



#10

Phenol

Concen: 5.050 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.03 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

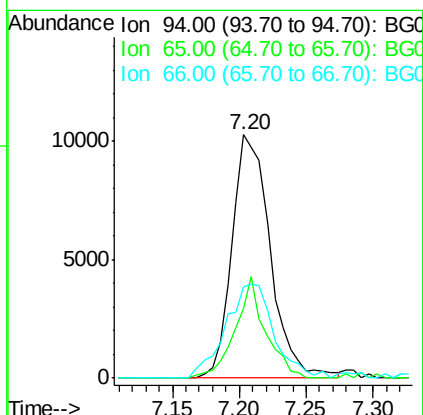
Tgt Ion: 94 Resp: 20435

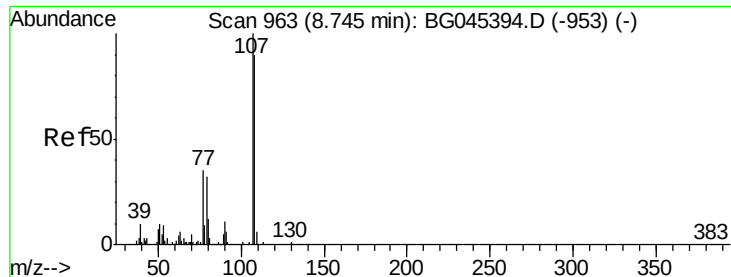
Ion Ratio Lower Upper

94 100

65 28.6 9.8 49.8

66 37.4 22.0 62.0





#20

3+4-Methylphenols

Concen: 9.005 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.02 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Instrument :

BNA_G

ClientSampleId :

16-20-COMP

Tot Ion:107 Resp: 37138

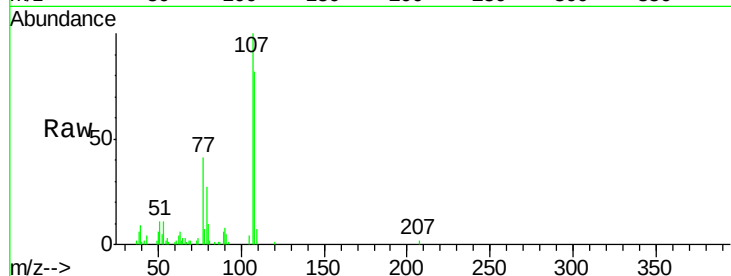
Ion Ratio Lower Upper

107 100

108 82.4 70.3 110.3

77 41.3 15.4 55.4

79 26.9 12.6 52.6



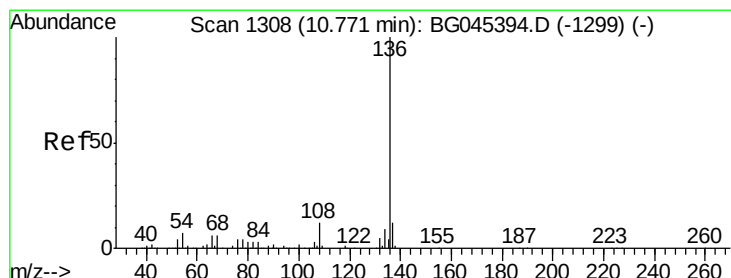
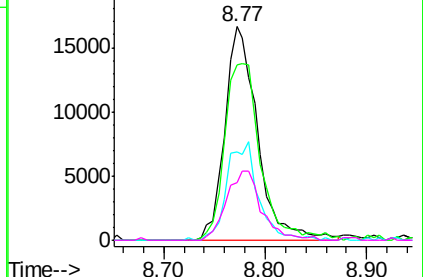
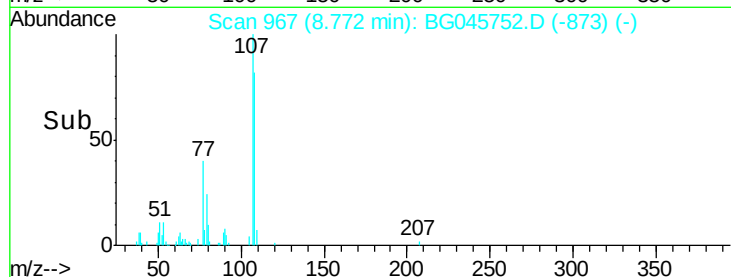
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Tgt Ion:136 Resp: 205221

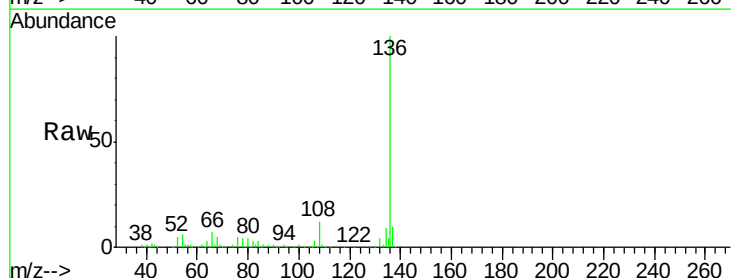
Ion Ratio Lower Upper

136 100

137 10.5 9.4 14.2

54 5.8 5.8 8.6

68 4.6 4.5 6.7



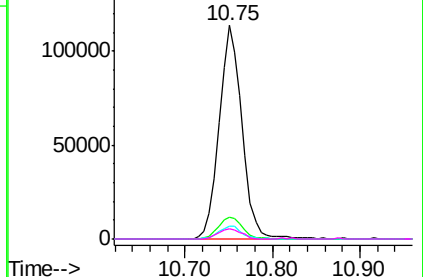
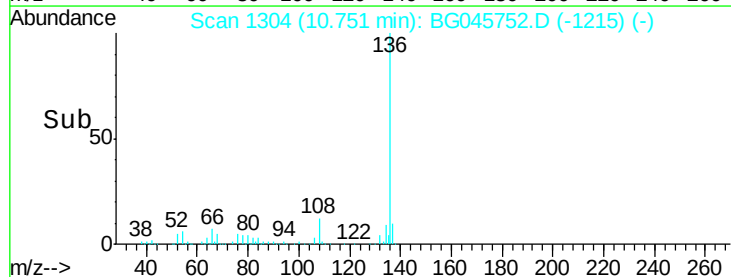
Abundance Ion 136.00 (135.70 to 136.70): E

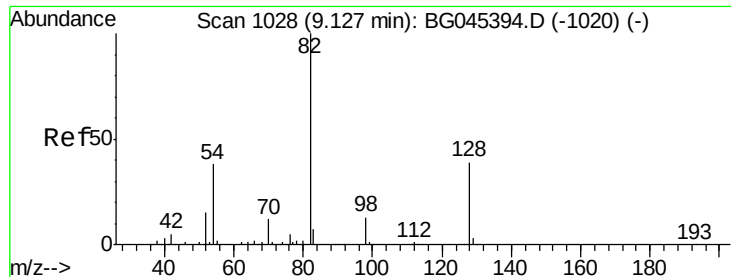
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

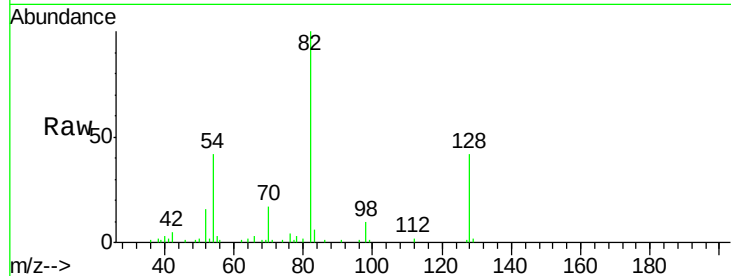




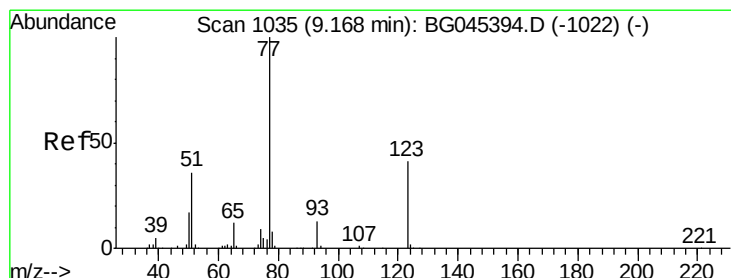
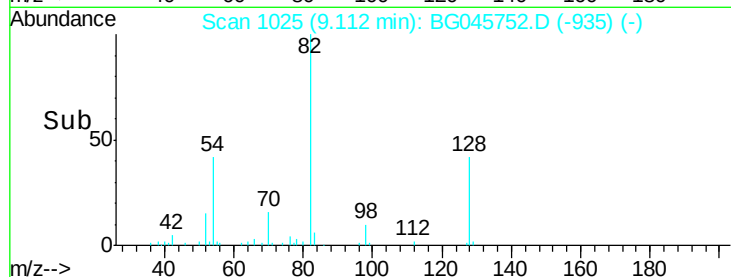
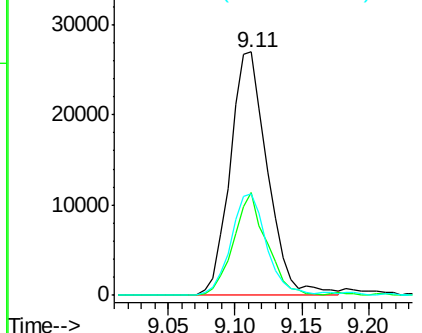
#23
Nitrobenzene-d5
Concen: 13.960 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045752.D
Acq: 12 Jun 2020 22:45

Instrument :
BNA_G
ClientSampleId :
16-20-COMP

Tot Ion	82	Resp	52535
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.9	46.3
54	41.6	30.3	45.5

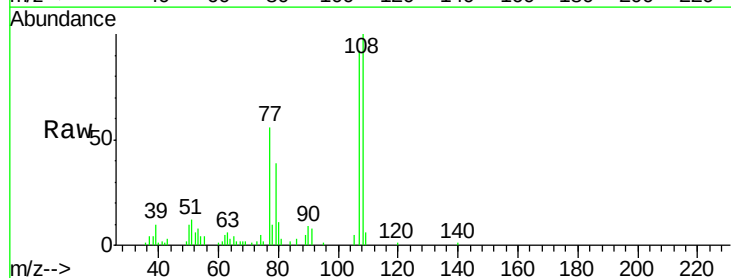


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

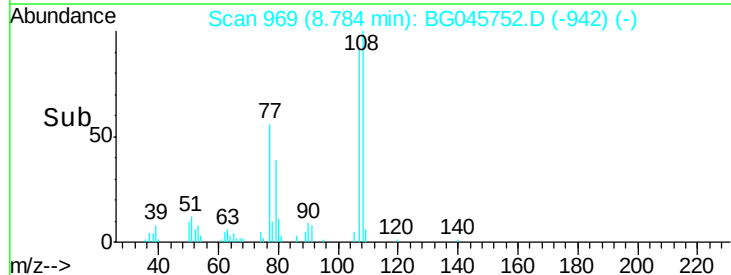
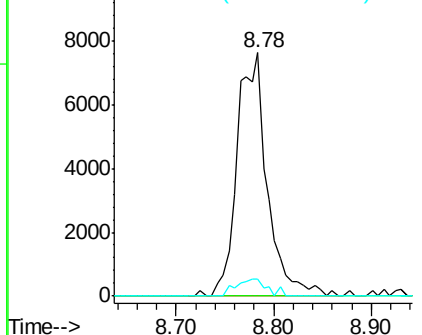


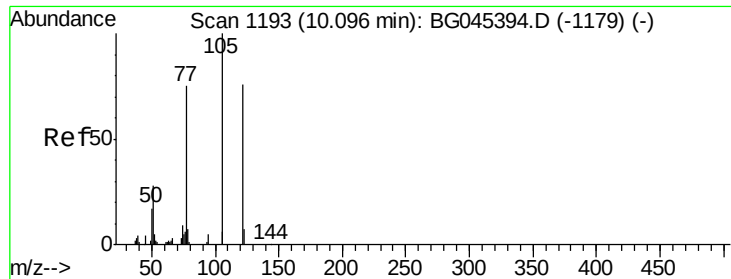
#24
Nitrobenzene
Concen: 4.065 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.37 min
Lab File: BG045752.D
Acq: 12 Jun 2020 22:45

Tgt Ion	77	Resp	16391
Ion Ratio	Lower	Upper	
77	100		
123	0.0	32.9	49.3#
65	7.2	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





#32

Benzoic acid

Concen: 11.510 ng

RT: 10.12 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Instrument :

BNA_G

ClientSampleId :

16-20-COMP

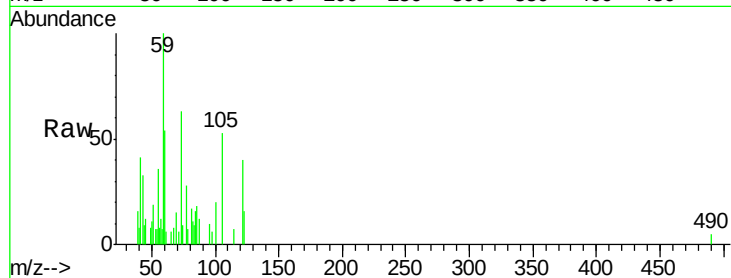
Tot Ion:122 Resp: 3271

Ion Ratio Lower Upper

122 100

105 133.2 107.9 147.9

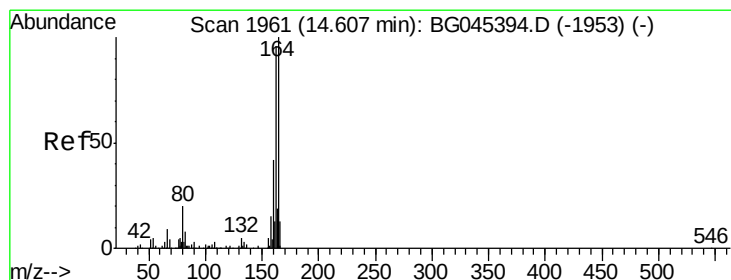
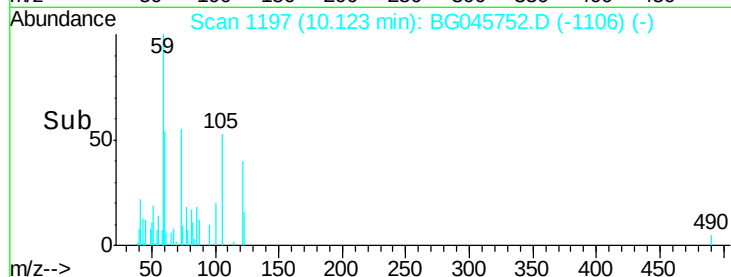
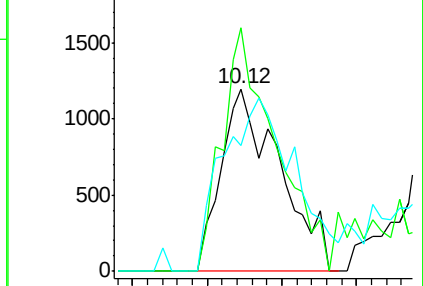
77 69.1 78.9 118.9#



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): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

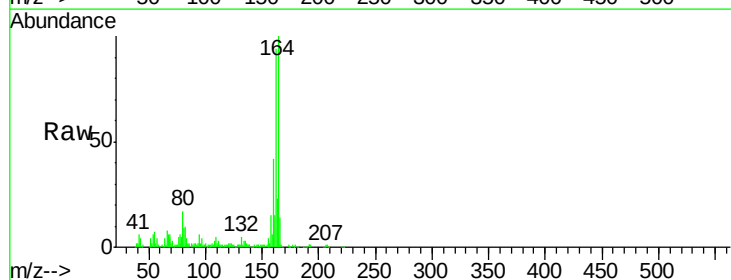
Tgt Ion:164 Resp: 128523

Ion Ratio Lower Upper

164 100

162 94.0 76.9 115.3

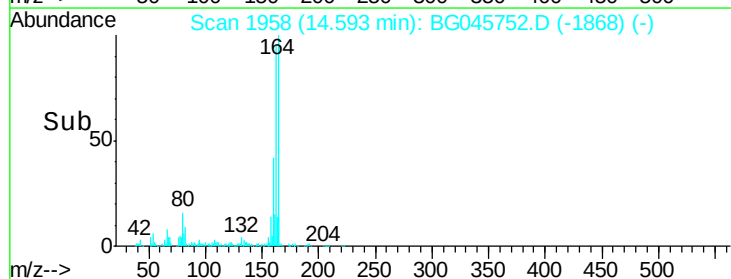
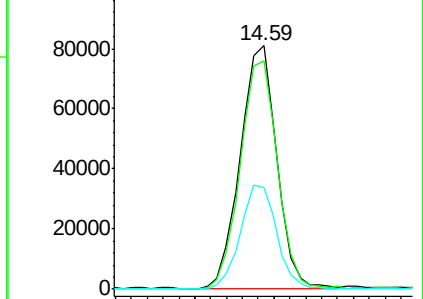
160 41.9 33.8 50.8

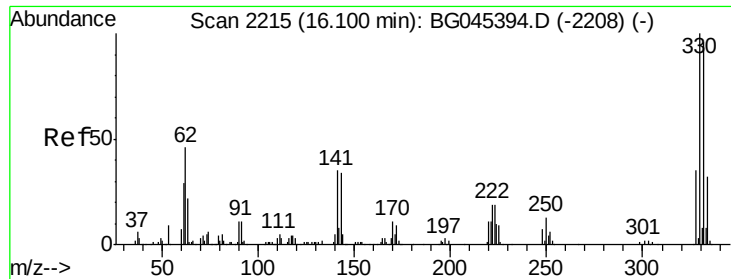


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 15.628 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Instrument :

BNA_G

ClientSampleId :

16-20-COMP

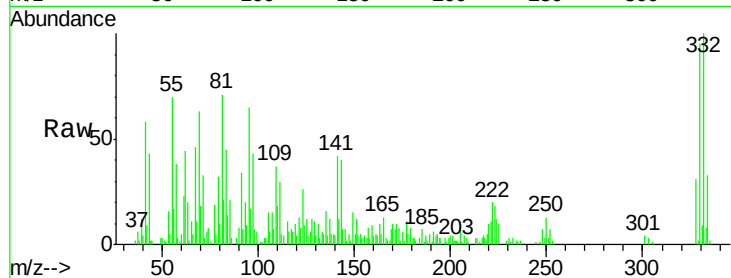
Tot Ion:330 Resp: 25687

Ion Ratio Lower Upper

330 100

332 99.6 78.2 117.4

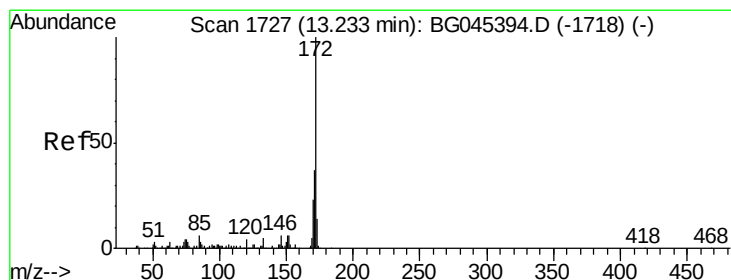
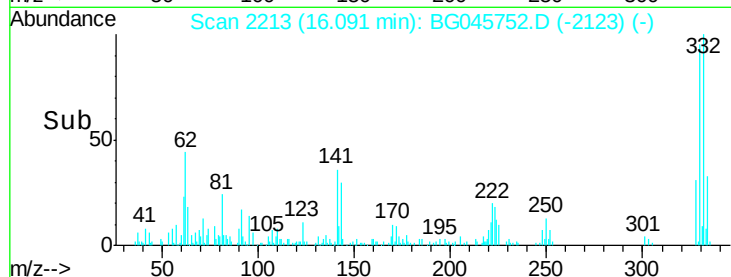
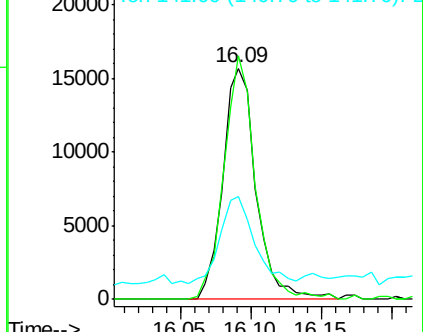
141 38.4 28.2 42.4



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: 15.531 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

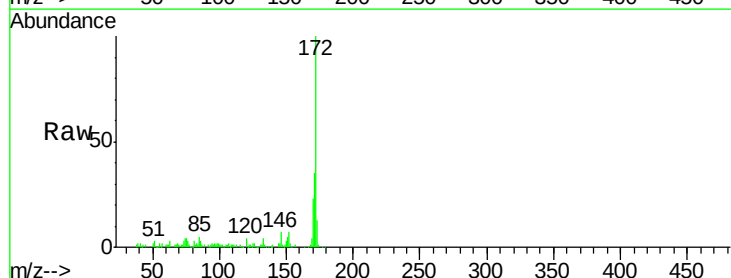
Tgt Ion:172 Resp: 117680

Ion Ratio Lower Upper

172 100

171 35.1 29.5 44.3

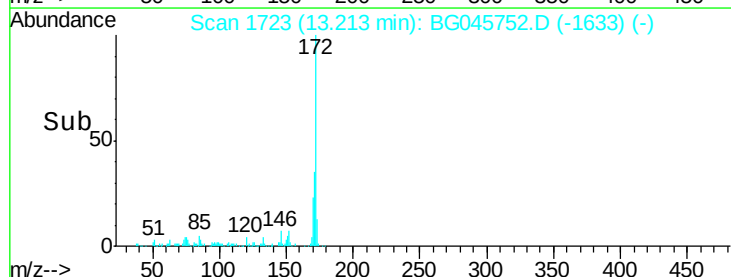
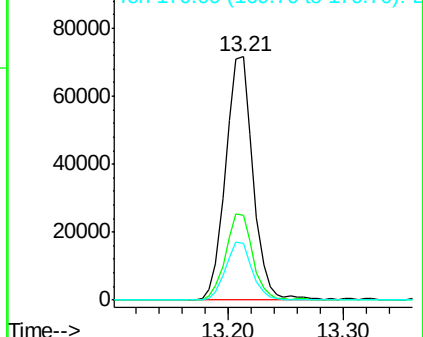
170 23.1 18.5 27.7

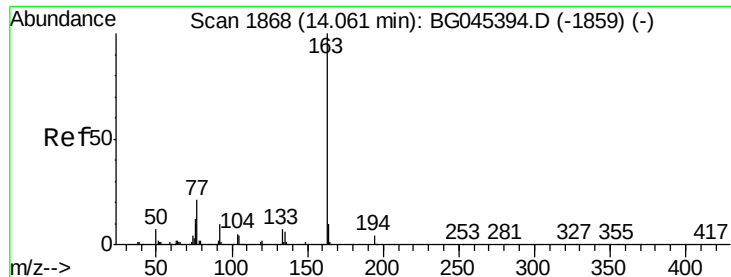


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.116 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

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16-20-COMP

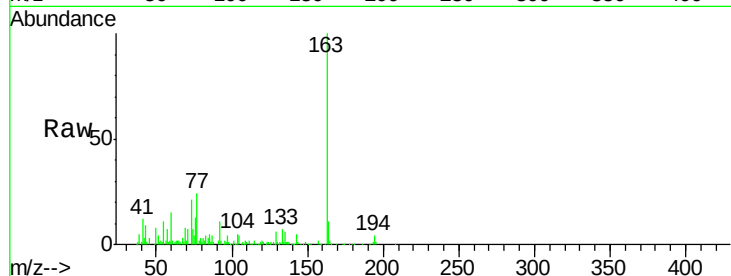
Tot Ion:163 Resp: 142085

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

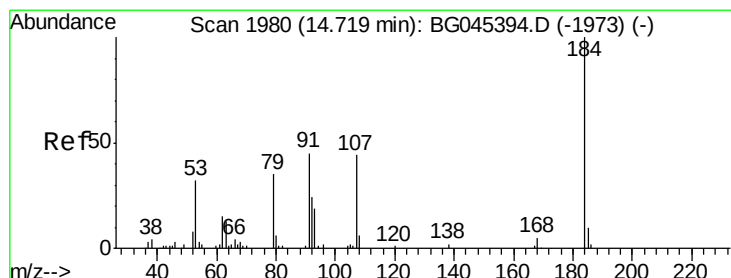
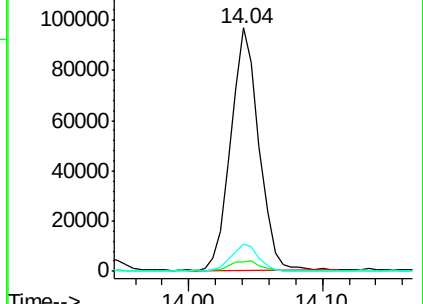
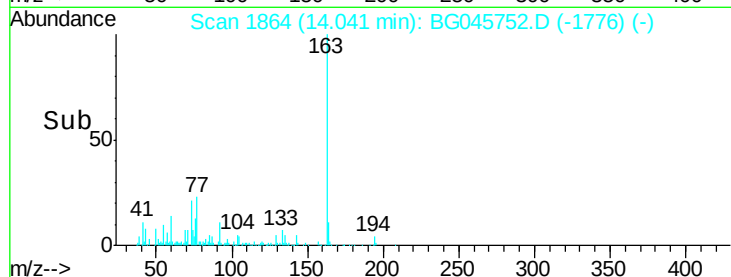
164 11.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 5.516 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

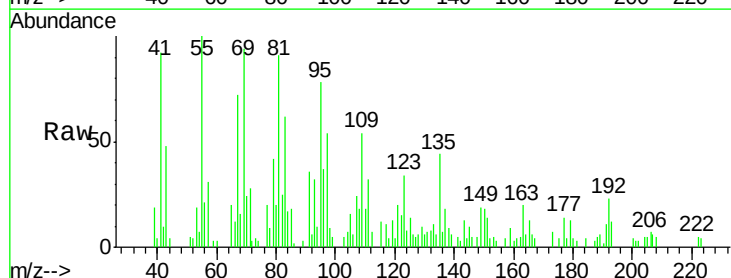
Tgt Ion:184 Resp: 80

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

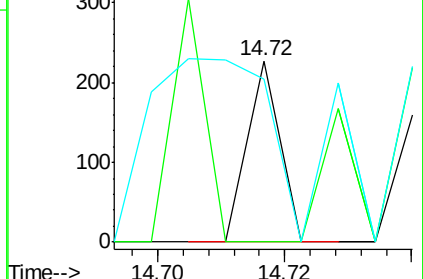
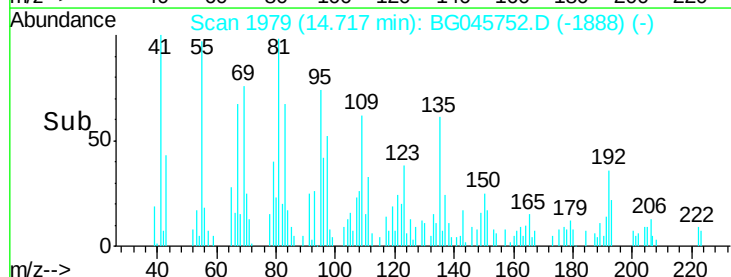
154 90.3 58.3 87.5#

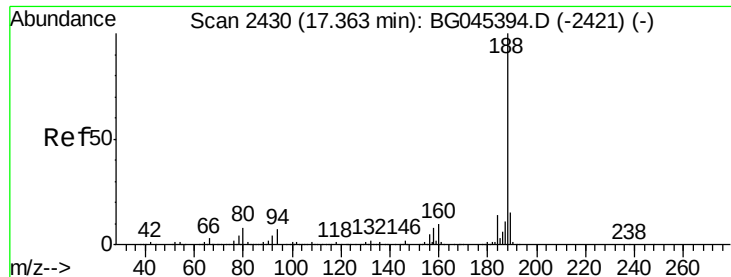


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

Instrument :

BNA_G

ClientSampleId :

16-20-COMP

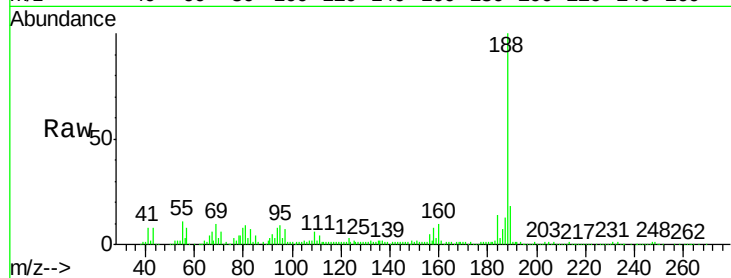
Tot Ion:188 Resp: 263944

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

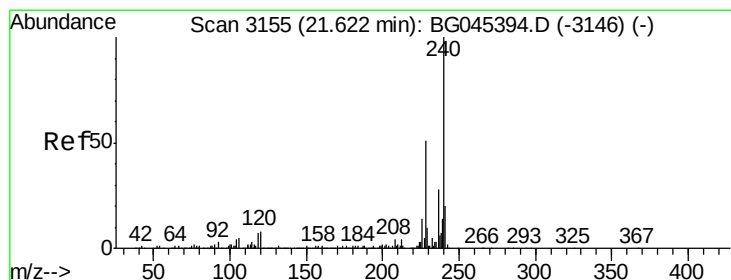
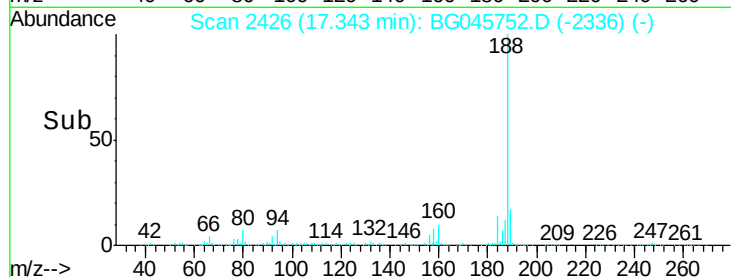
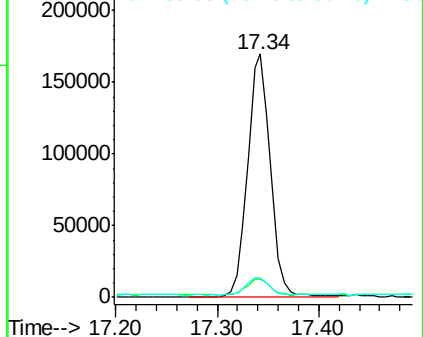
80 8.2 6.6 10.0



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: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045752.D

Acq: 12 Jun 2020 22:45

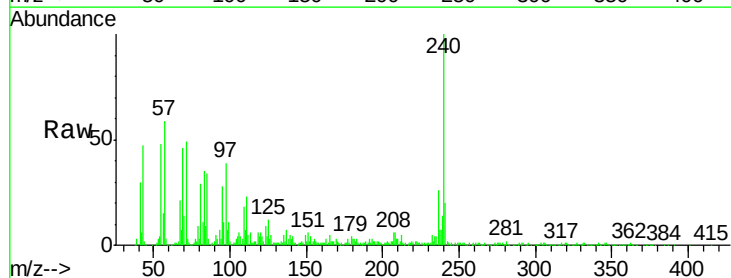
Tgt Ion:240 Resp: 257717

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

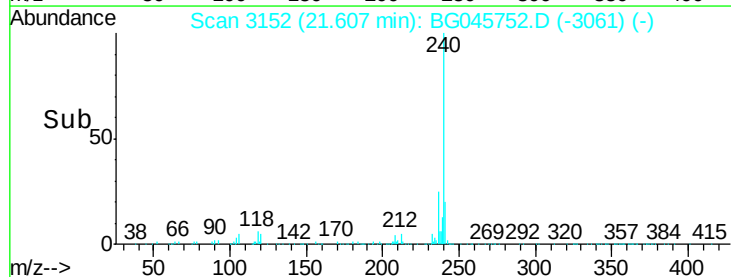
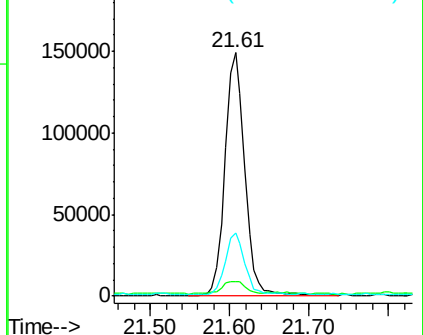
236 25.8 22.3 33.5

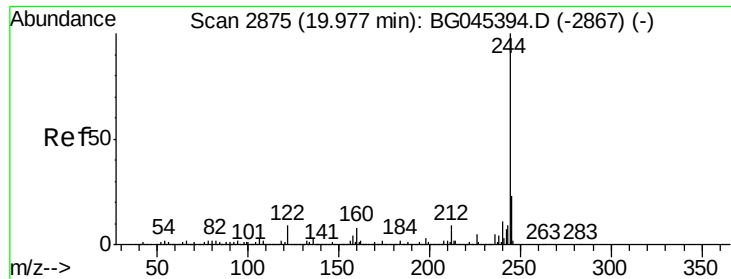


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

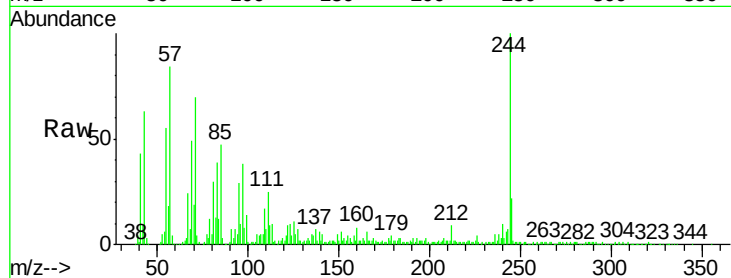




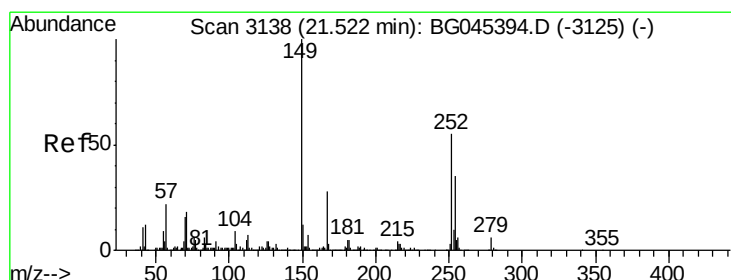
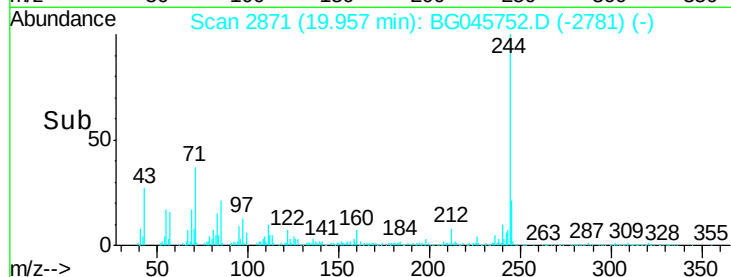
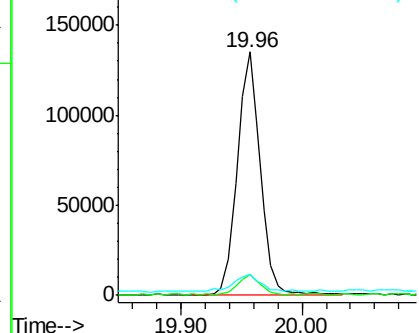
#79
 Terphenyl-d14
 Concen: 16.147 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045752.D
 Acq: 12 Jun 2020 22:45

Instrument :
 BNA_G
 ClientSampleId :
 16-20-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	8.5	6.8	10.2

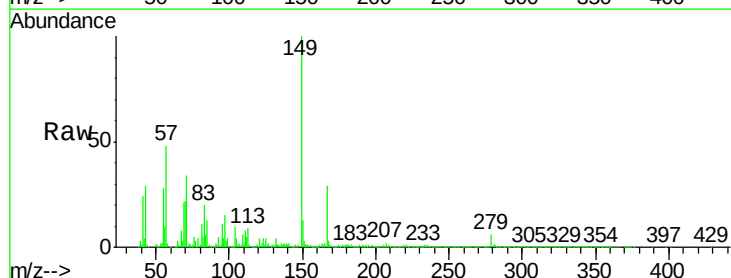


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

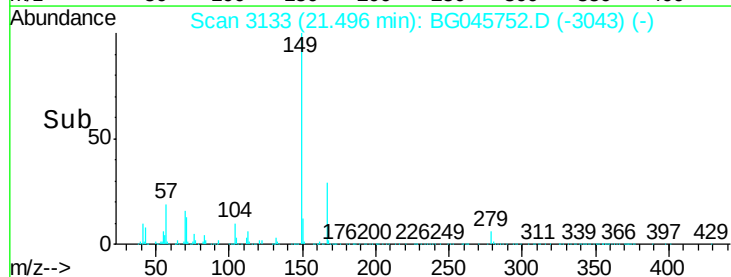
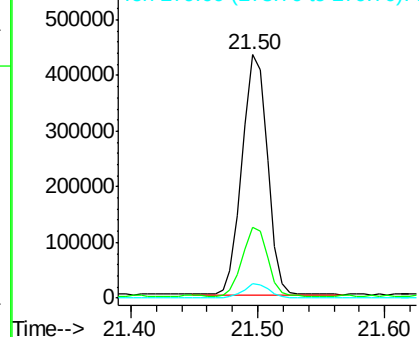


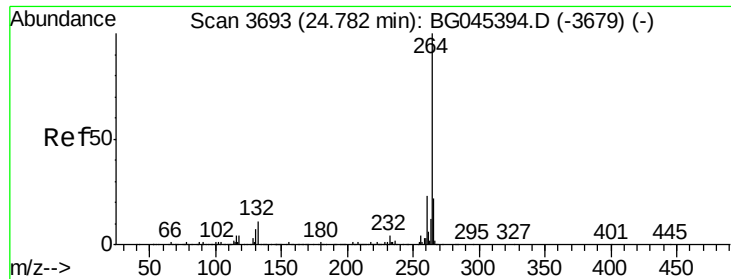
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 68.517 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG045752.D
 Acq: 12 Jun 2020 22:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.2
279	5.8	4.7	7.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG045752.D
Acq: 12 Jun 2020 22:45

Instrument :
BNA_G
ClientSampleId :
16-20-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	22.7	17.6	26.4

