

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025790.D
 Acq On : 3 Feb 2017 11:57
 Operator : SJ/MA
 Sample : I1646-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 12:39:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

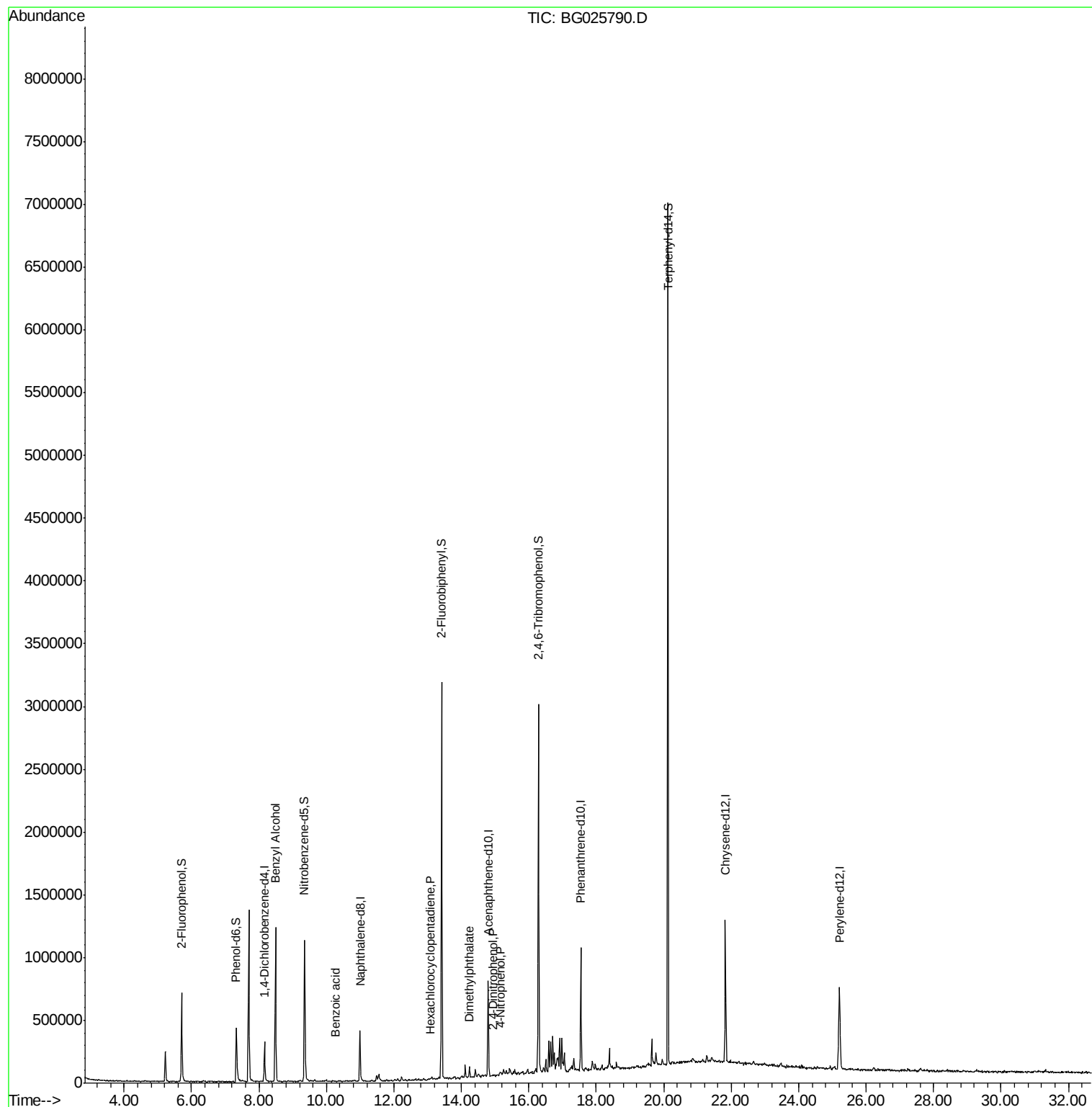
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78196	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	339201	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	268840	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	602714	20.00	ng	0.00
75) Chrysene-d12	21.83	240	744868	20.00	ng	-0.01
86) Perylene-d12	25.21	264	754427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	292673	67.08	ng	0.00
7) Phenol-d6	7.33	99	276772	43.43	ng	0.00
23) Nitrobenzene-d5	9.35	82	758253	94.45	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	542820	141.58	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1497702	90.48	ng	0.00
78) Terphenyl-d14	20.12	244	2495022	80.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	13268	2.41	ng	# 62
32) Benzoic acid	10.26	122	338	7.97	ng	# 1
40) Hexachlorocyclopentadiene	13.08	237	76	10.70	ng	# 29
49) Dimethylphthalate	14.24	163	51512	2.54	ng	# 93
53) 2,4-Dinitrophenol	14.93	184	56	9.46	ng	# 1
55) 4-Nitrophenol	15.17	139	653	5.76	ng	98

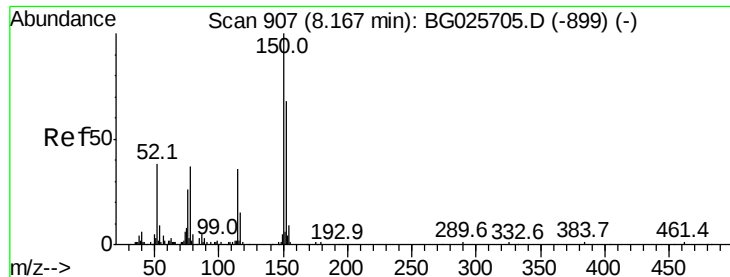
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

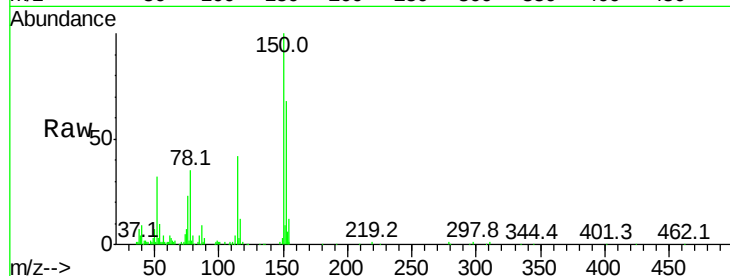
Tot Ion:152 Resp: 78196

Ion Ratio Lower Upper

152 100

150 146.2 114.0 171.0

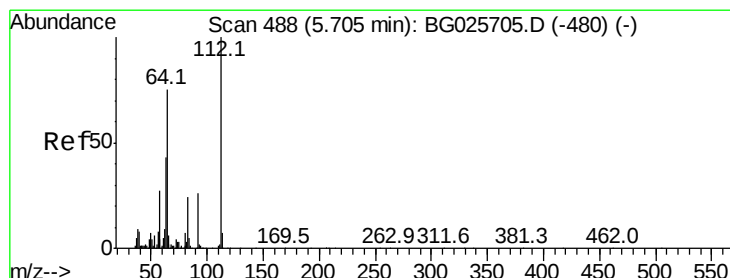
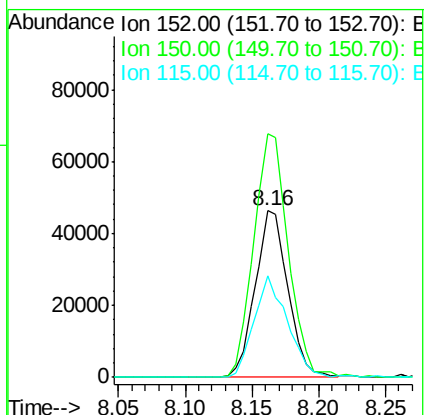
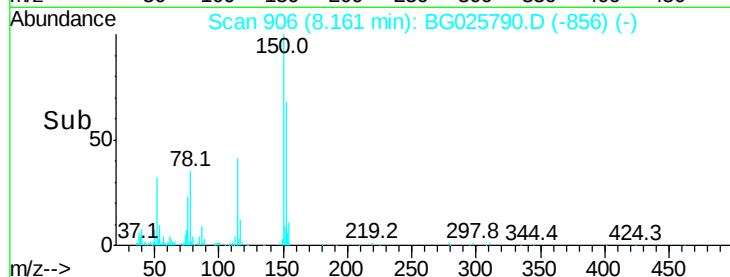
115 61.0 48.1 72.1



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: 67.08 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

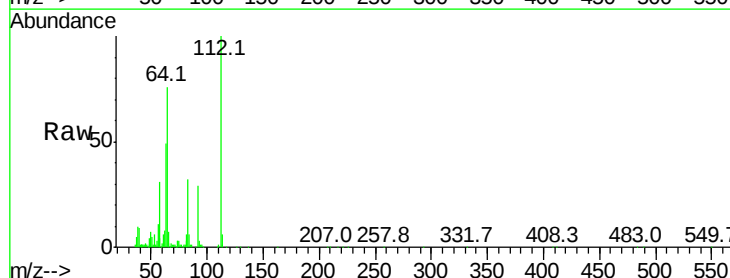
Tgt Ion:112 Resp: 292673

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

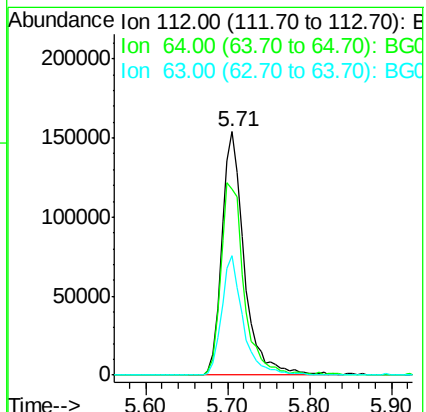
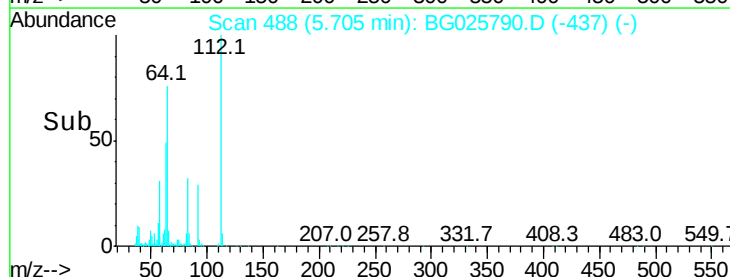
63 49.2 37.2 55.8

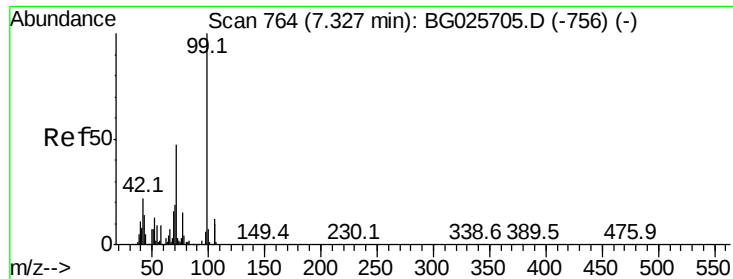


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.43 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

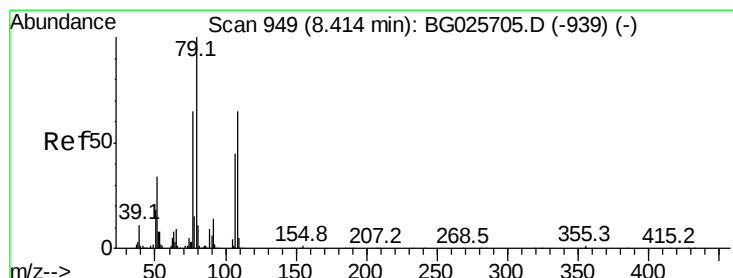
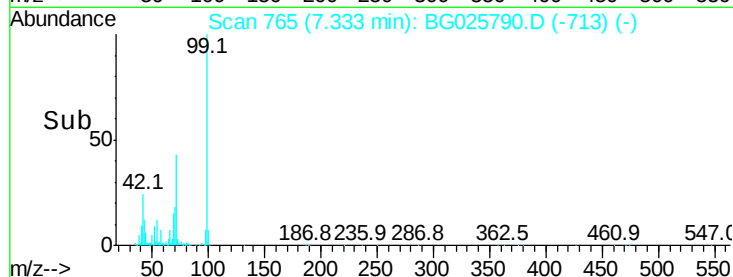
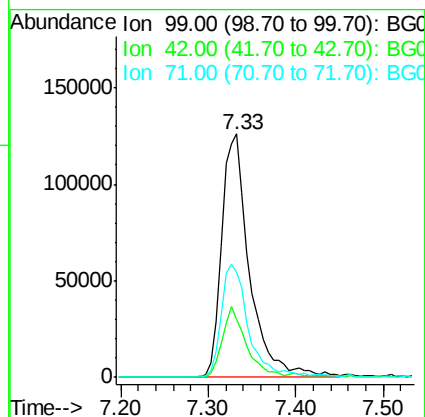
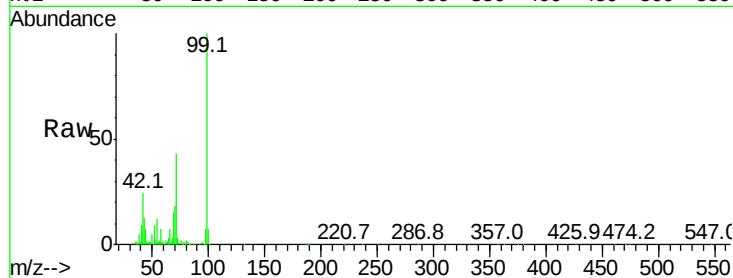
Tot Ion: 99 Resp: 276772

Ion Ratio Lower Upper

99 100

42 24.1 20.5 30.7

71 43.4 37.6 56.4



#15

Benzyl Alcohol

Concen: 2.41 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

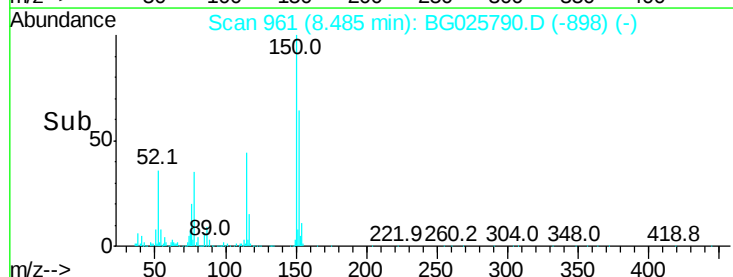
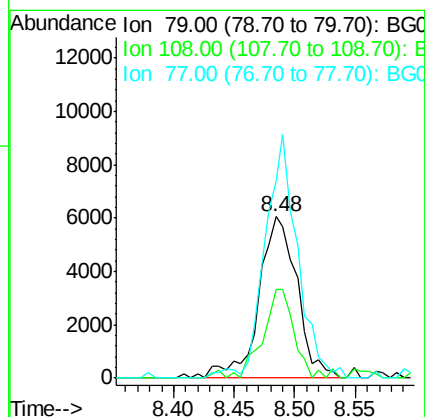
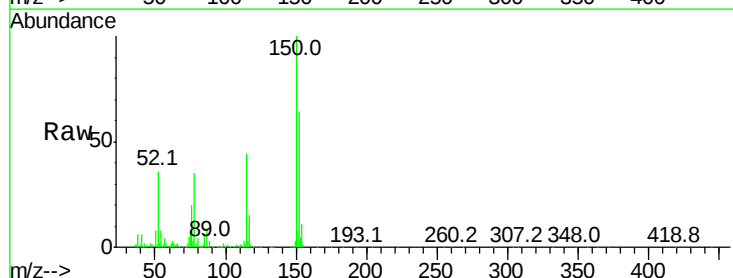
Tgt Ion: 79 Resp: 13268

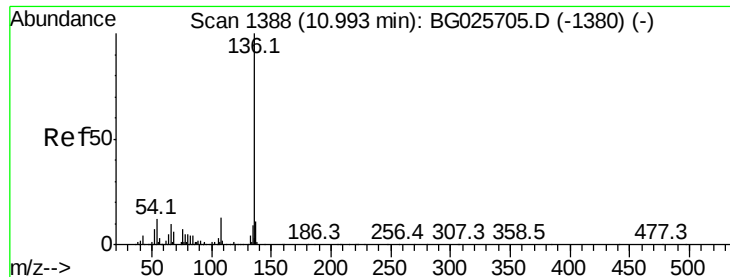
Ion Ratio Lower Upper

79 100

108 54.7 45.5 68.3

77 122.4 54.3 81.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025790.D

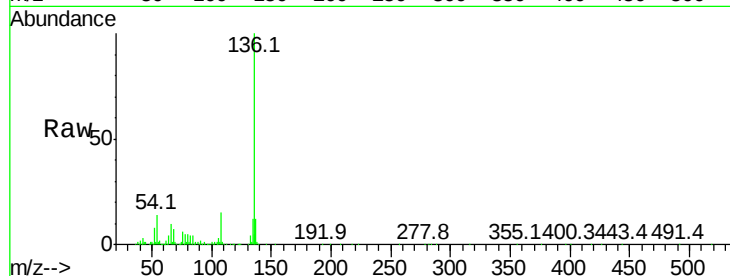
Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampled :

Tot Ion:	136	Resp:	339201
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	14.3	9.3	13.9#
68	8.3	5.1	7.7#

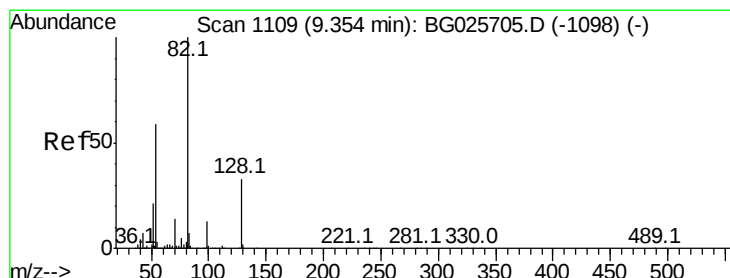
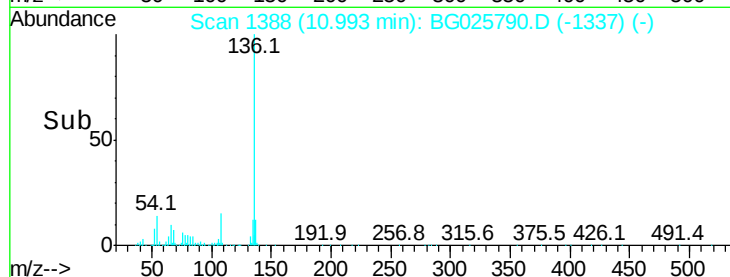
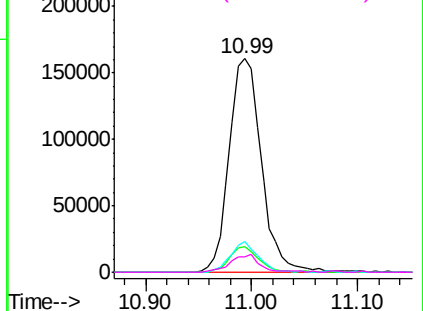


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 94.45 ng

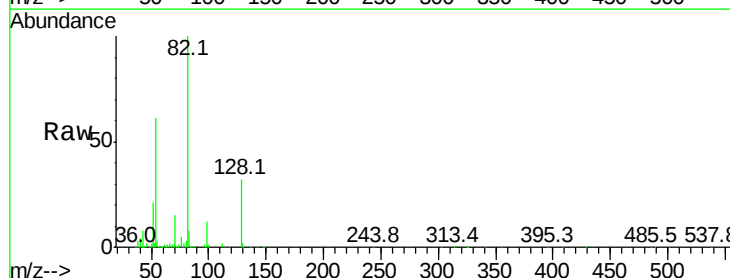
RT: 9.35 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

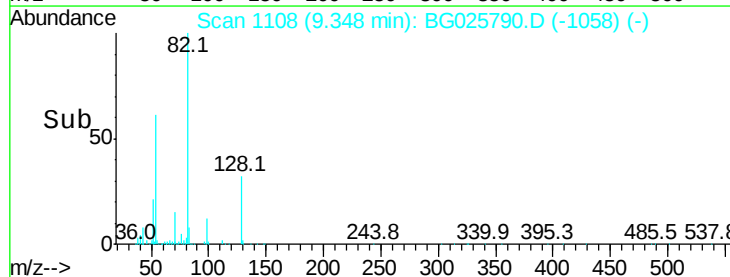
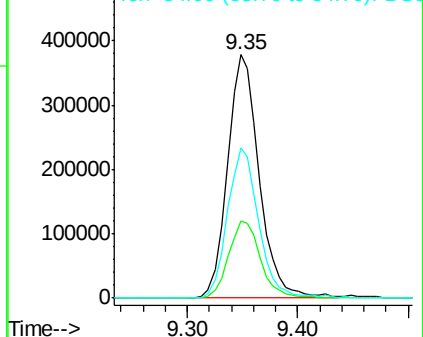
Tgt Ion:	82	Resp:	758253
Ion	Ratio	Lower	Upper
82	100		
128	31.9	26.4	39.6
54	61.4	49.4	74.2

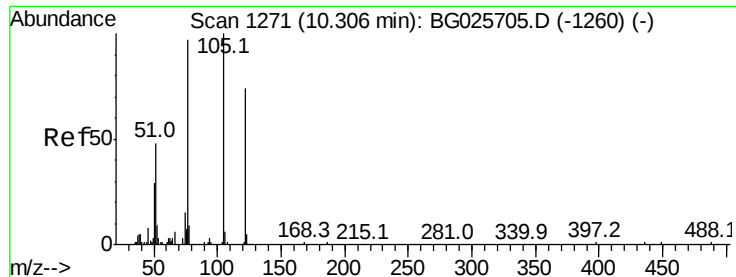


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

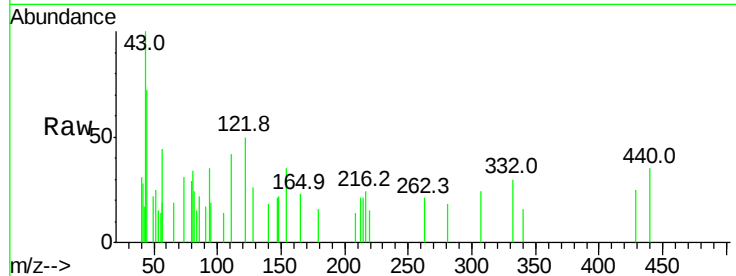




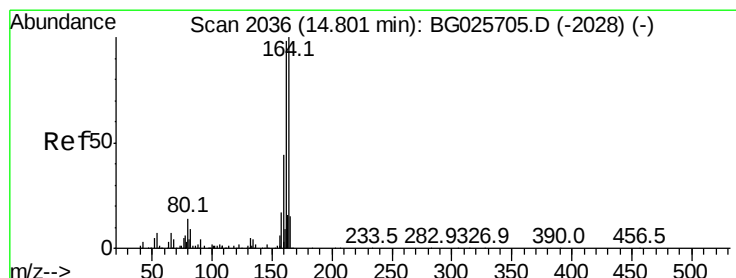
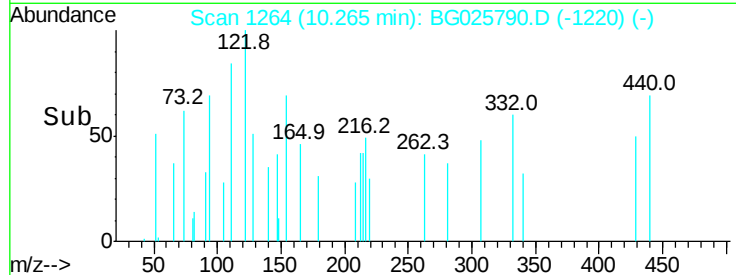
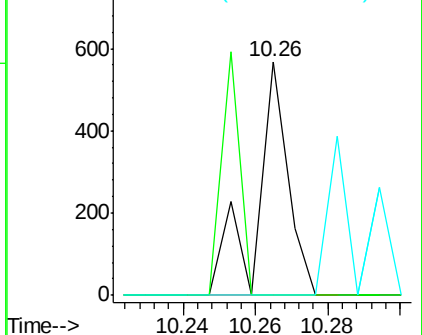
#32
Benzoic acid
Concen: 7.97 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

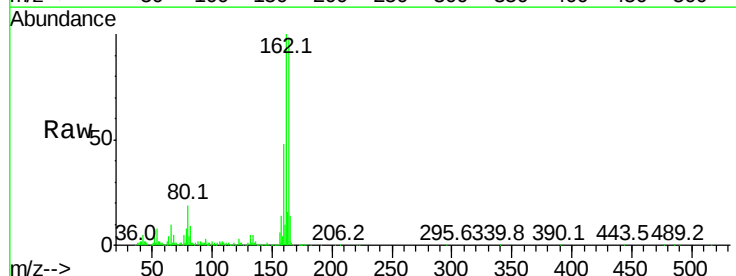


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

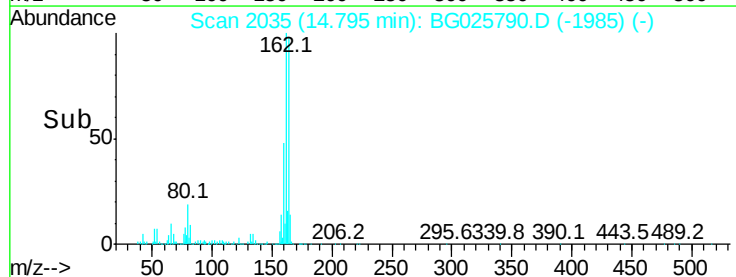
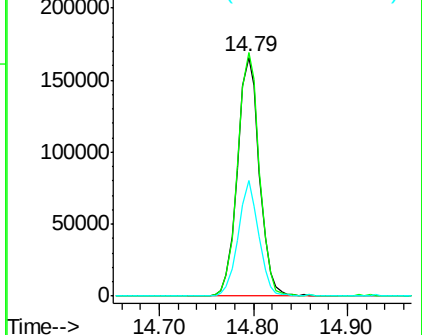


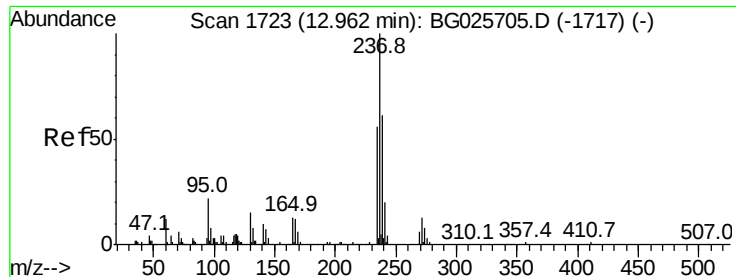
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	48.5	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

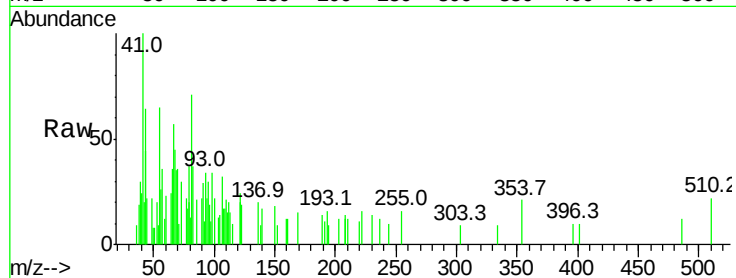




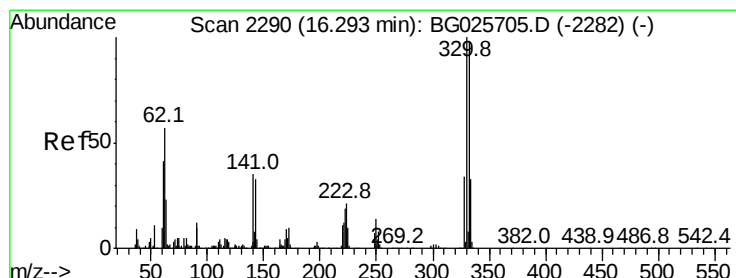
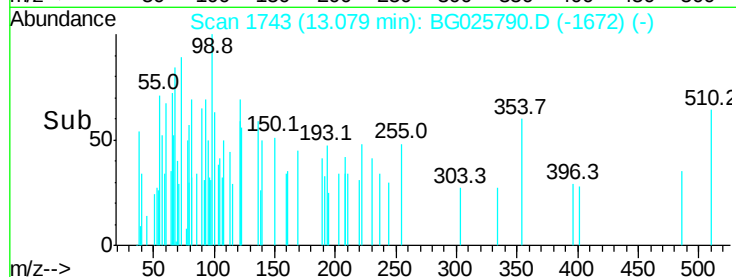
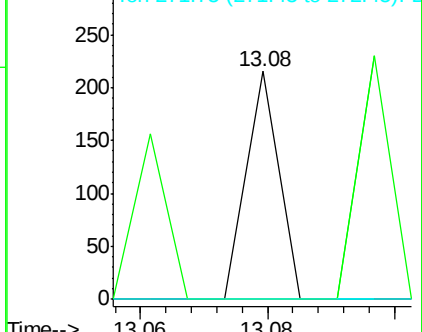
#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 13.08 min Scan# 1743
Delta R.T. 0.12 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 76
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

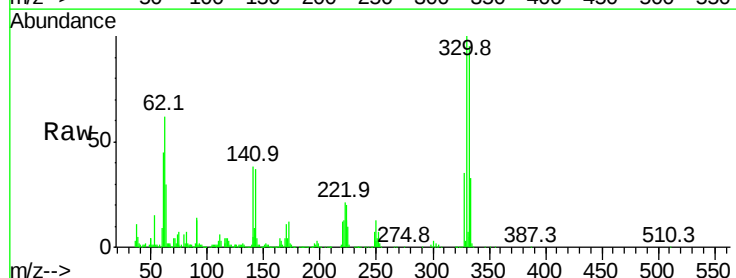


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

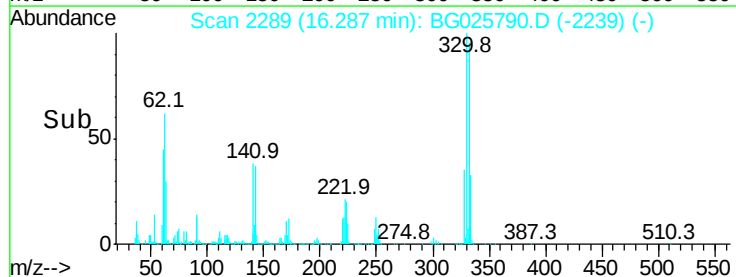
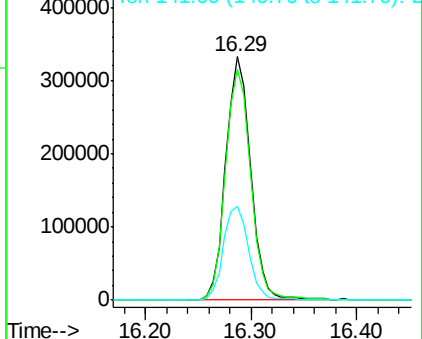


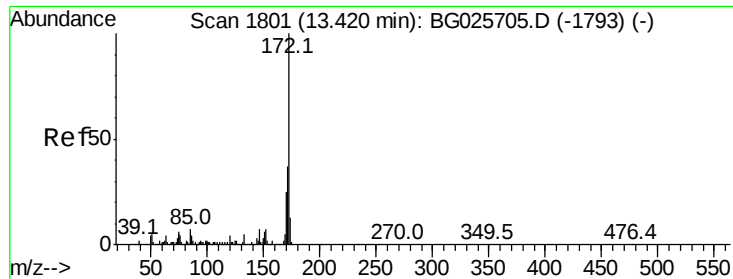
#41
2,4,6-Tribromophenol
Concen: 141.58 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Tgt Ion:330 Resp: 542820
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 38.8 32.1 48.1



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

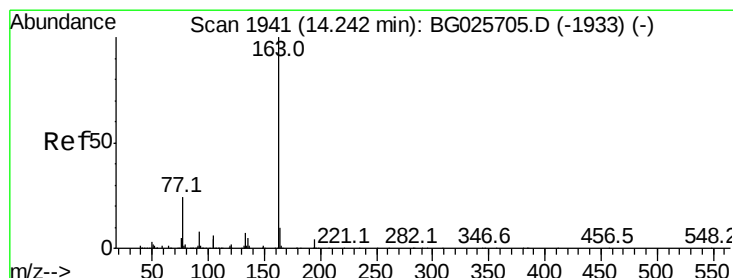
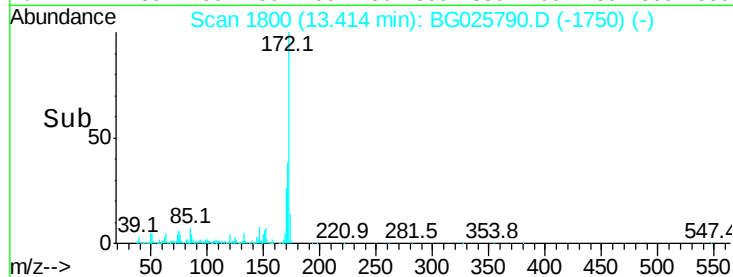
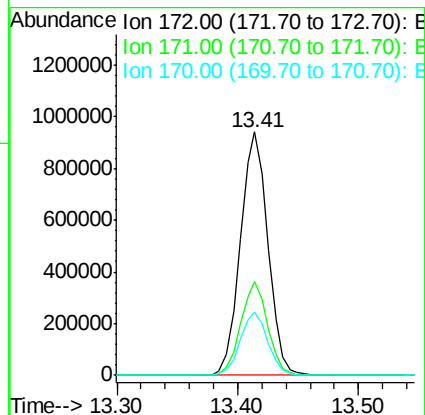
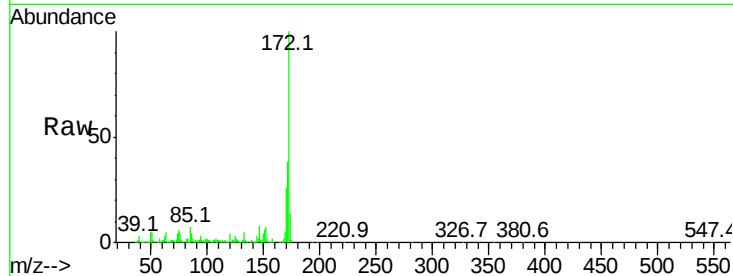




#44
2-Fluorobiphenyl
Concen: 90.48 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

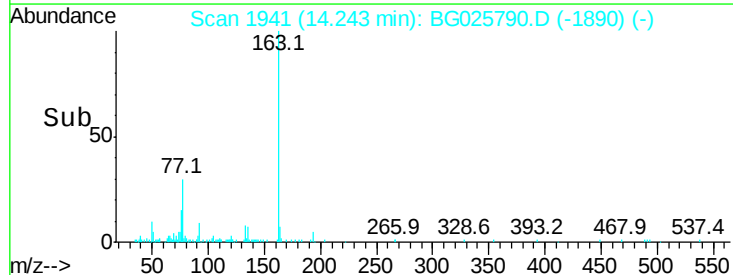
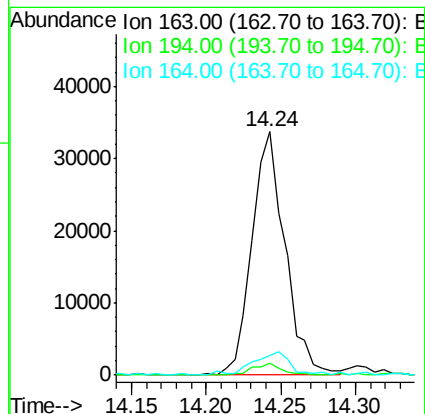
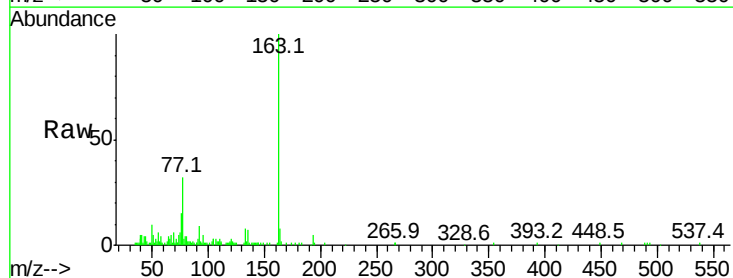
Instrument :
BNA_G
ClientSampleId :

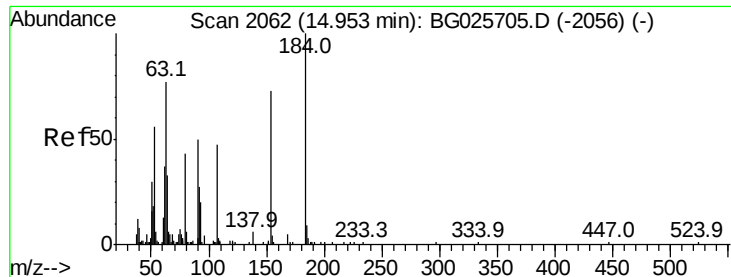
Tot Ion:172 Resp: 1497702
Ion Ratio Lower Upper
172 100
171 38.4 32.2 48.2
170 25.9 21.8 32.6



#49
Dimethylphthalate
Concen: 2.54 ng
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG025790.D
Acq: 3 Feb 2017 11:57

Tgt Ion:163 Resp: 51512
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 8.0 9.3 13.9#





#53

2,4-Dinitrophenol

Concen: 9.46 ng

RT: 14.93 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

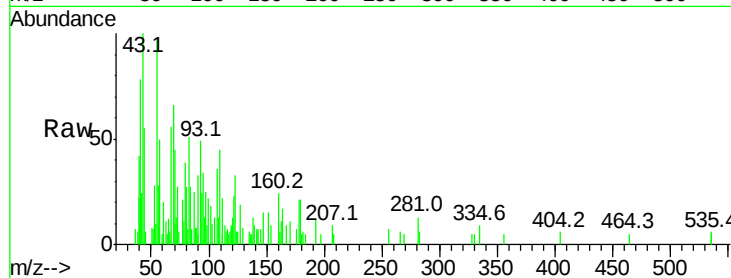
Tot Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 225.8 52.7 79.1#

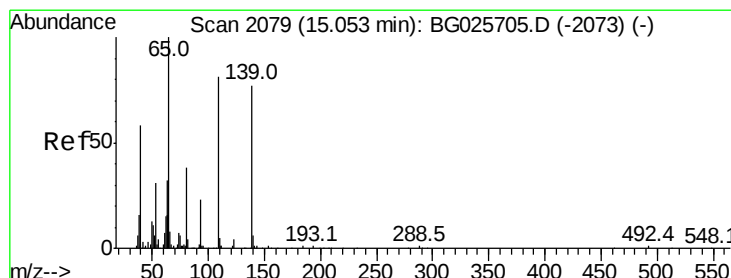
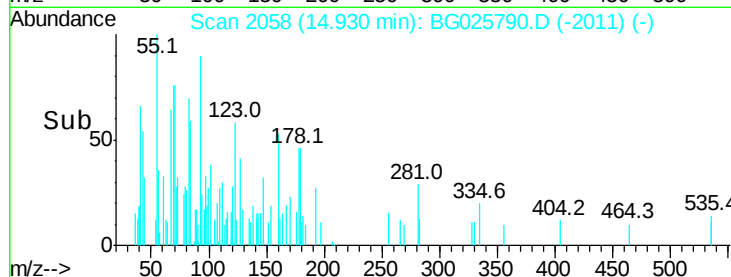
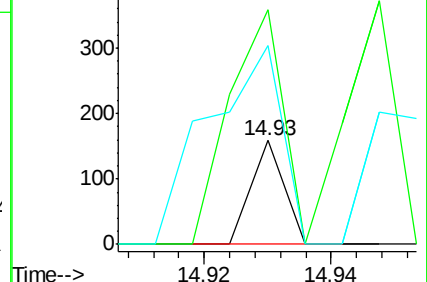
154 190.6 57.3 85.9#



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



#55

4-Nitrophenol

Concen: 5.76 ng

RT: 15.17 min Scan# 2099

Delta R.T. 0.12 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

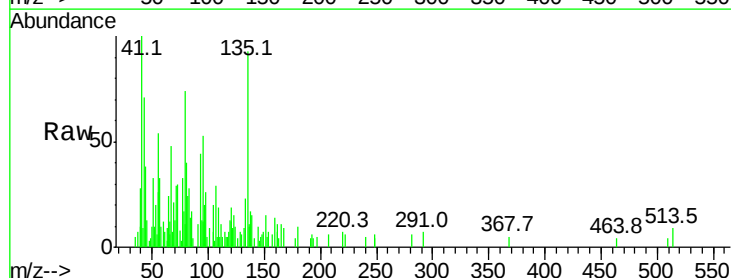
Tgt Ion:139 Resp: 653

Ion Ratio Lower Upper

139 100

109 124.1 101.2 141.2

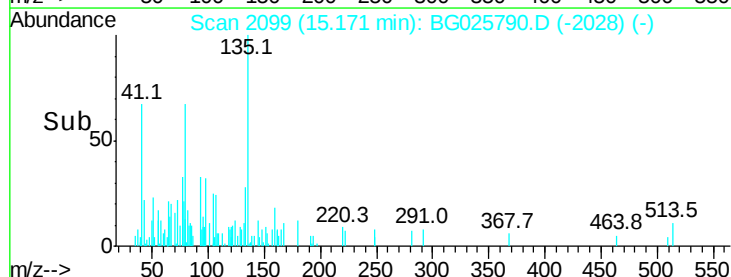
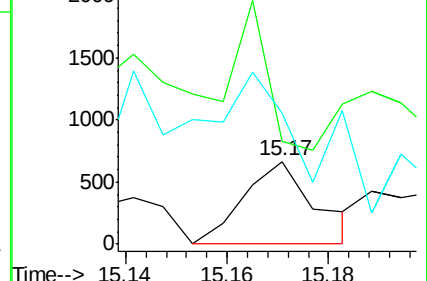
65 157.8 135.3 175.3

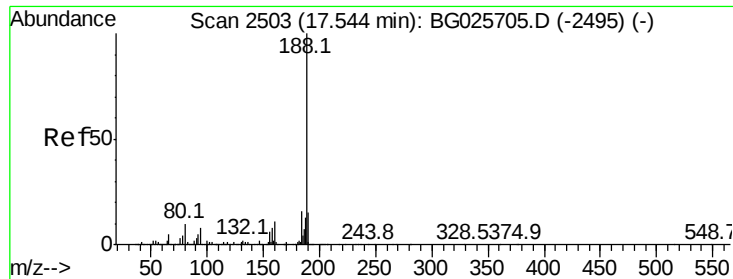


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

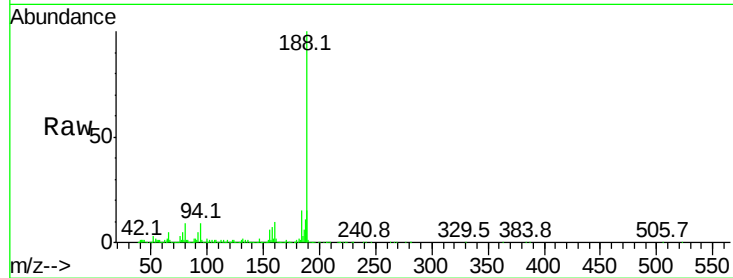
Tot Ion:188 Resp: 602714

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.8#

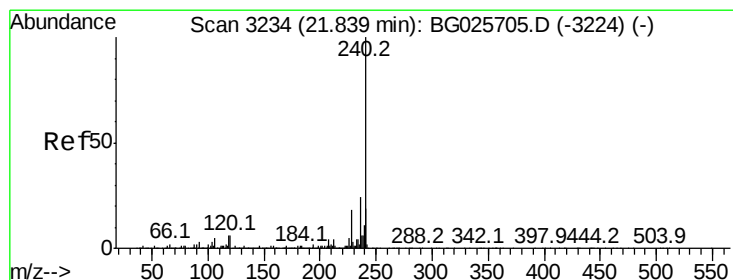
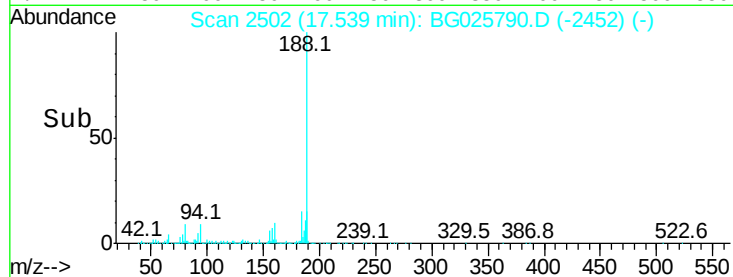
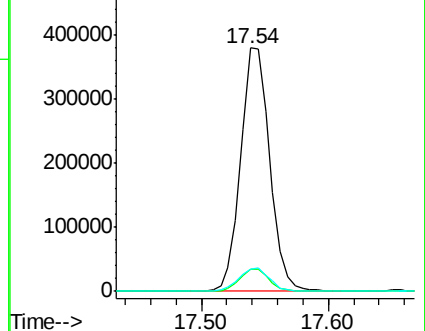
80 9.4 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

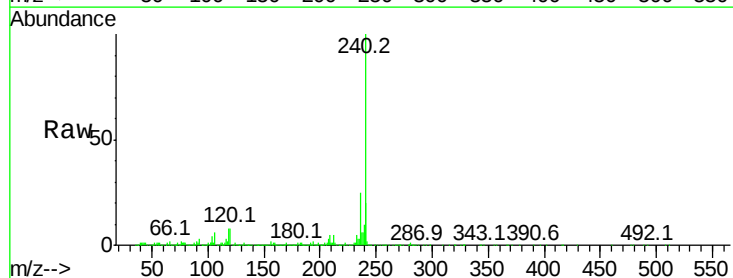
Tgt Ion:240 Resp: 744868

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

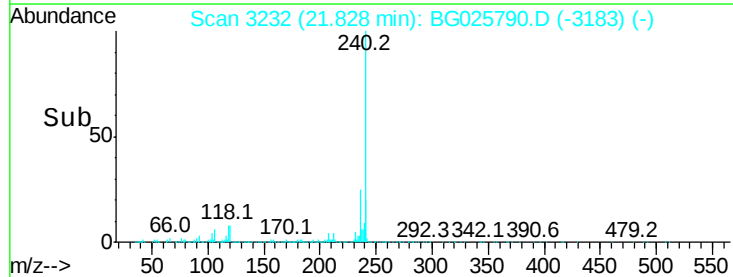
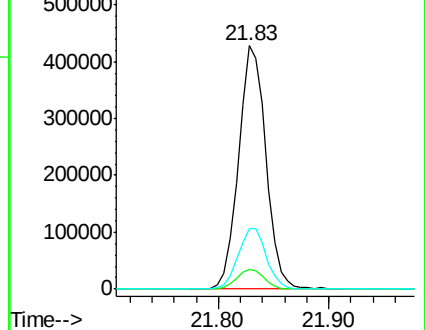
236 25.0 22.2 33.4

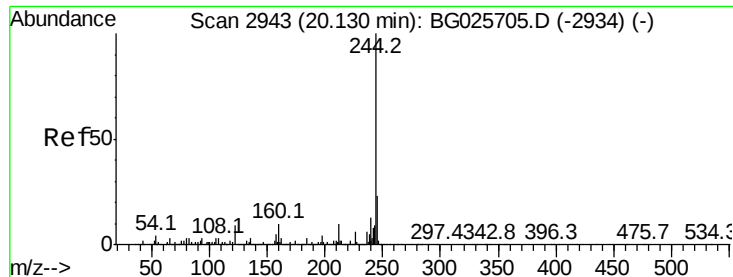


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.85 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

Instrument :

BNA_G

ClientSampleId :

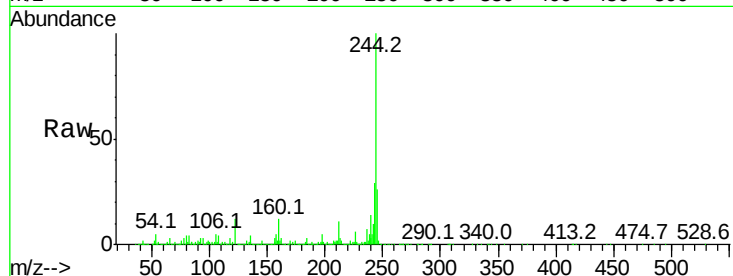
Tot Ion:244 Resp: 2495022

Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	11.7	8.6	12.8

244 100

212 11.2 10.0 15.0

122 11.7 8.6 12.8

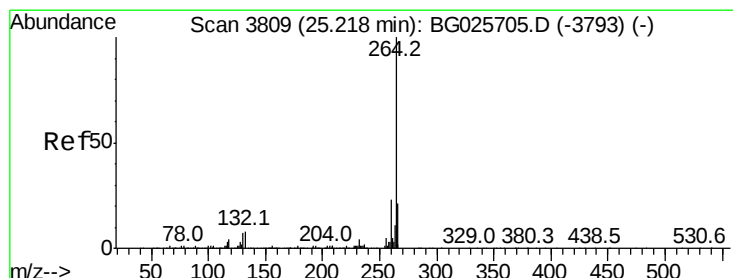
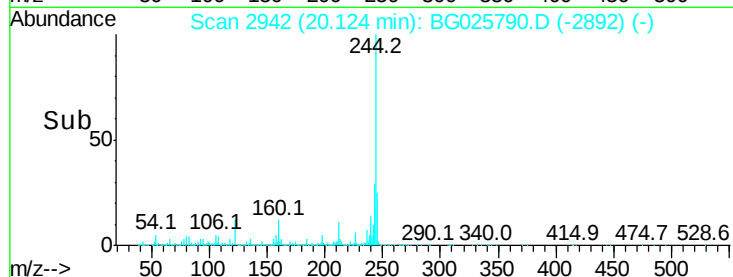
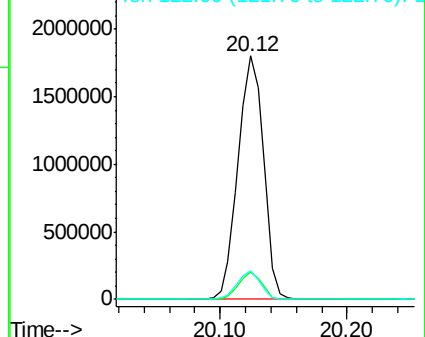


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025790.D

Acq: 3 Feb 2017 11:57

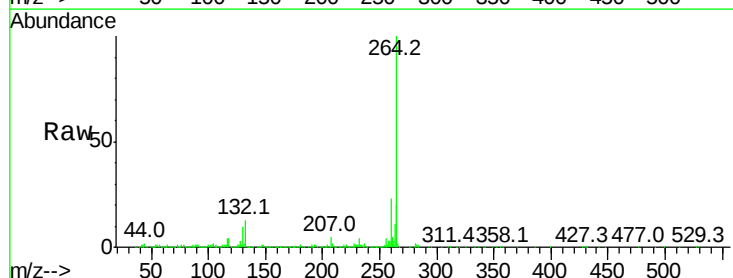
Tgt Ion:264 Resp: 754427

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	20.2	18.2	27.4

264 100

260 22.7 21.8 32.8

265 20.2 18.2 27.4



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

