

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030955.D
 Acq On : 11 Nov 2017 22:45
 Operator : SJ/JU
 Sample : I6436-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 153RD-63RD-ST-DRUM

Quant Time: Nov 13 05:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

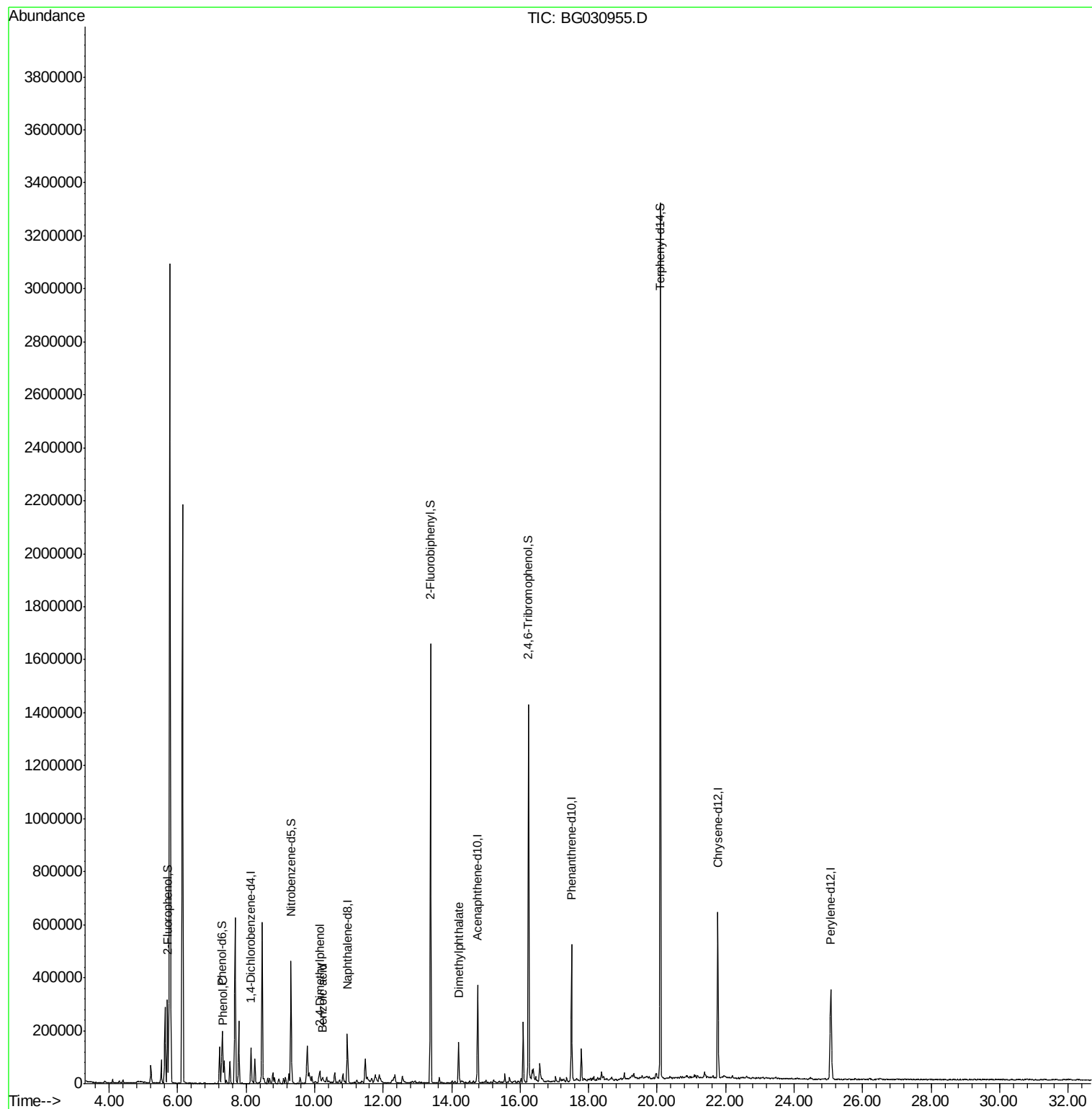
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38157	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	173251	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	129533	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	335816	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	408745	20.00	ng	-0.01
86) Perylene-d12	25.07	264	411844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	151497	68.08	ng	0.00
7) Phenol-d6	7.30	99	121107	40.40	ng	0.00
23) Nitrobenzene-d5	9.31	82	288441	98.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	328990	157.00	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	897924	99.61	ng	-0.01
78) Terphenyl-d14	20.09	244	1646973	88.97	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8765	2.815	ng	93
27) 2,4-Dimethylphenol	10.16	122	18906	8.180	ng	91
32) Benzoic acid	10.24	122	11805	11.071	ng	# 76
49) Dimethylphthalate	14.20	163	113902	10.170	ng	99

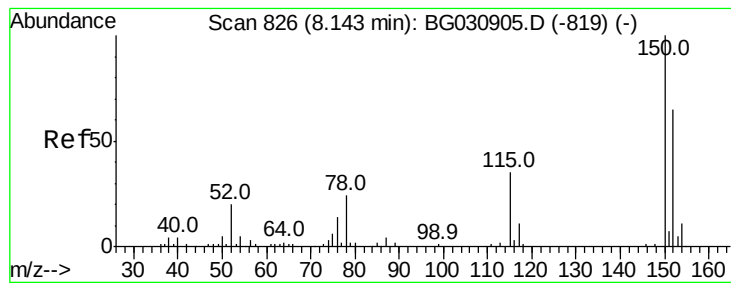
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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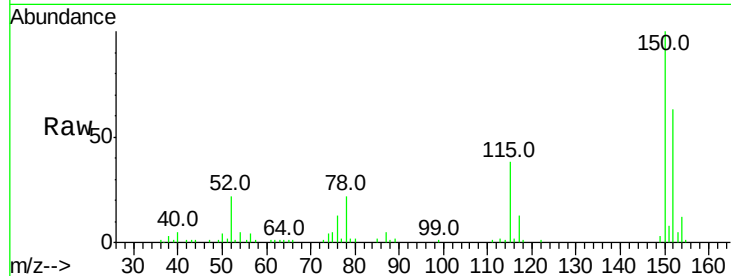


#1

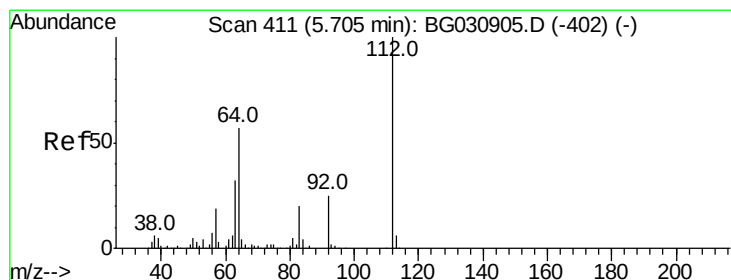
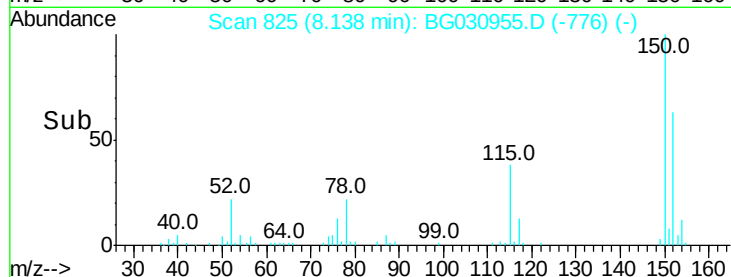
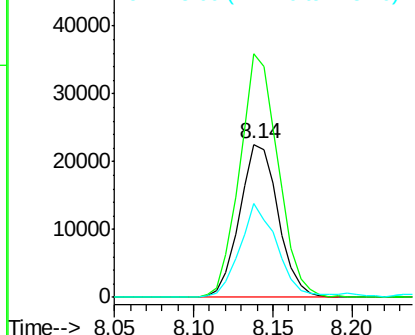
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :
153RD-63RD-ST-DRUM

Tot Ion:152 Resp: 38157
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 61.0 53.0 79.4



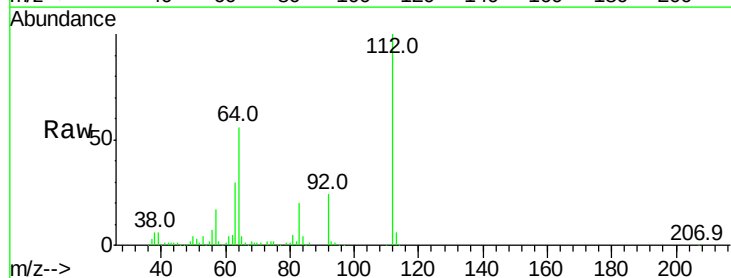
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



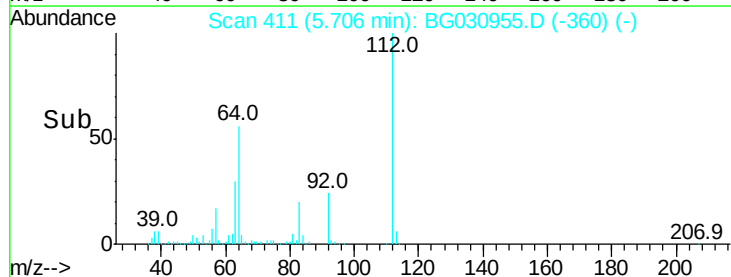
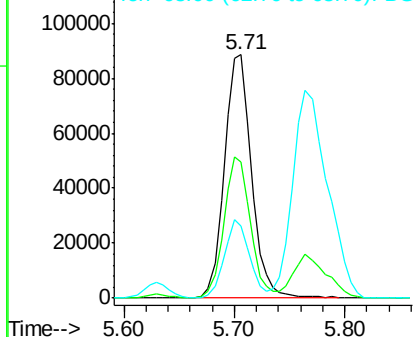
#5

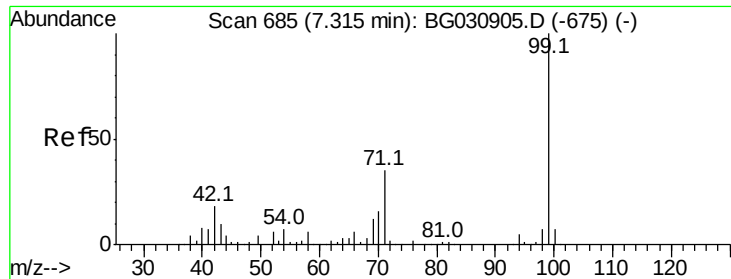
2-Fluorophenol
Concen: 68.082 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:112 Resp: 151497
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 29.9 30.1 45.1#



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: 40.398 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

153RD-63RD-ST-DRUM

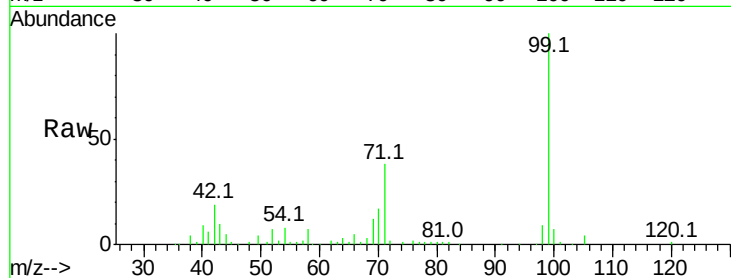
Tot Ion: 99 Resp: 121107

Ion Ratio Lower Upper

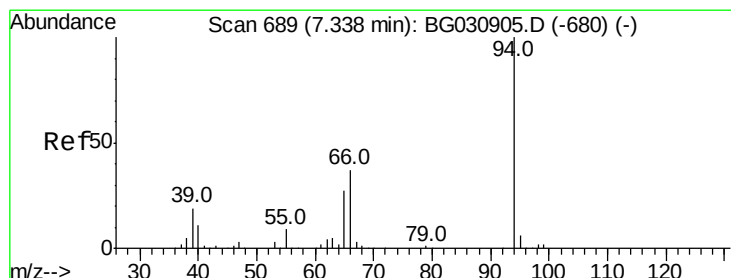
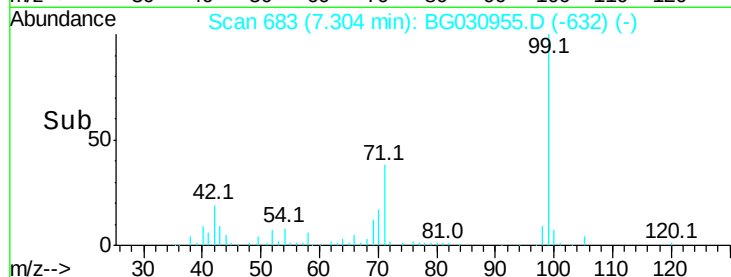
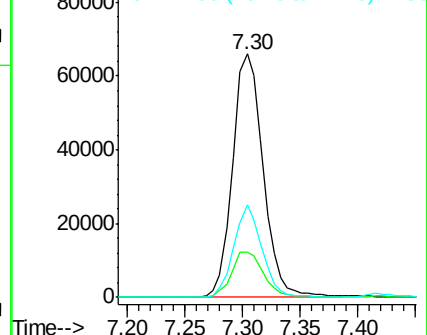
99 100

42 18.7 14.1 21.1

71 37.9 26.1 39.1



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: 2.815 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

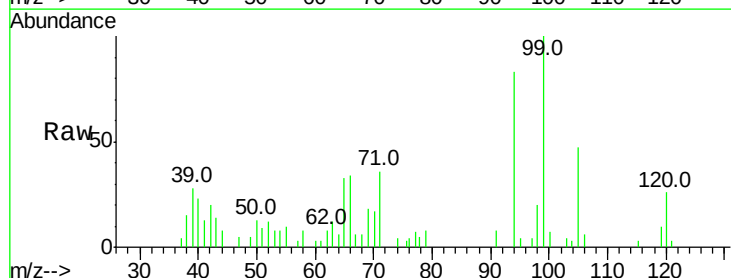
Tgt Ion: 94 Resp: 8765

Ion Ratio Lower Upper

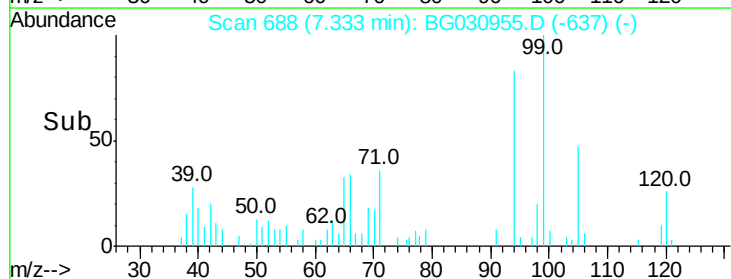
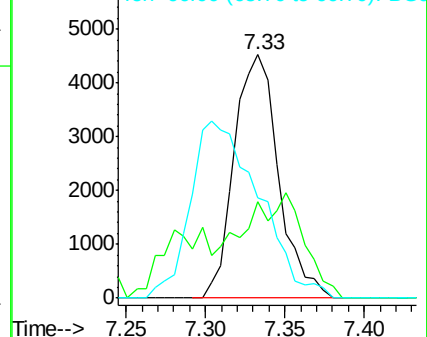
94 100

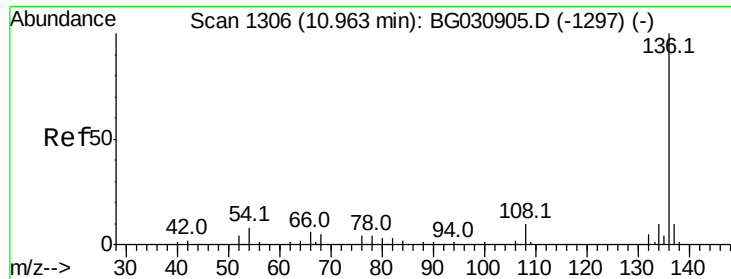
65 39.5 11.9 51.9

66 40.9 22.2 62.2



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

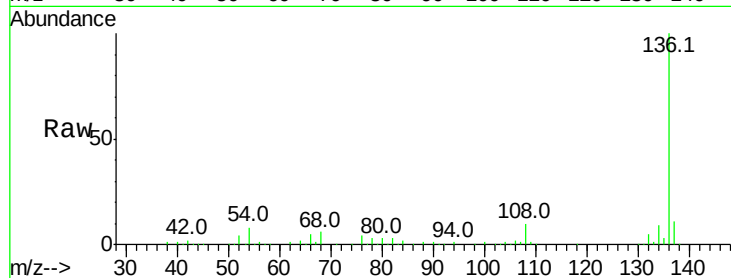




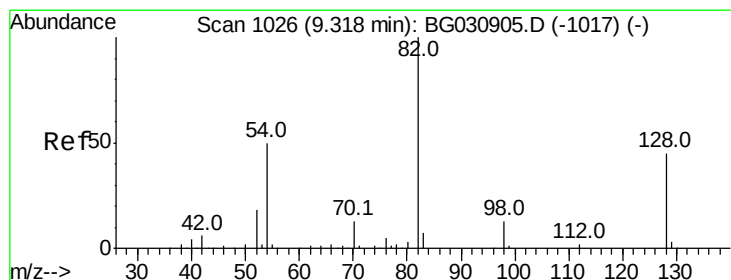
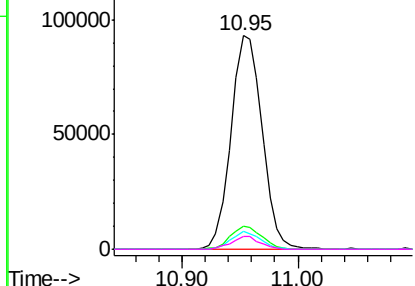
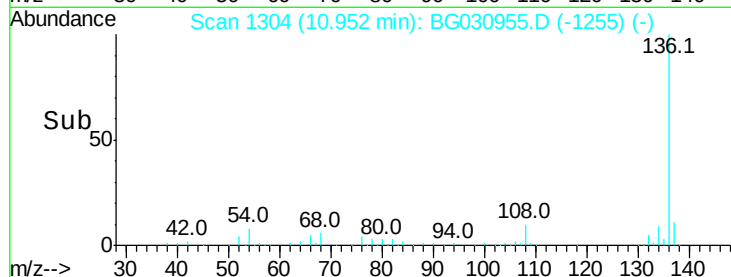
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :
153RD-63RD-ST-DRUM

Tot Ion:136	Resp:	173251
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	8.2	10.3 15.5
68	5.8	4.5 6.7

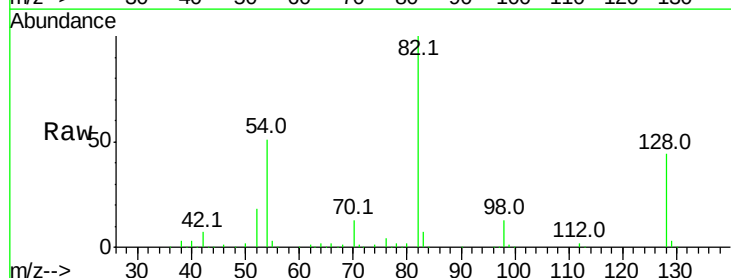


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

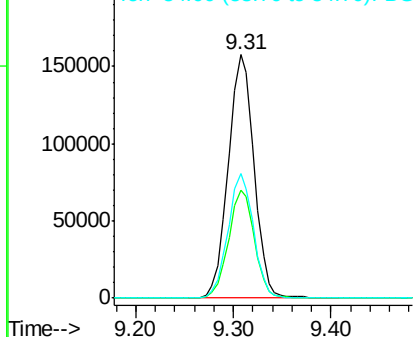
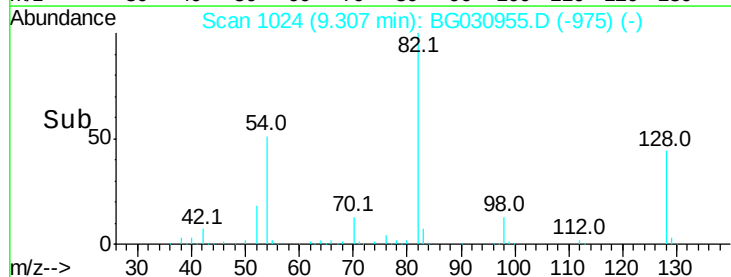


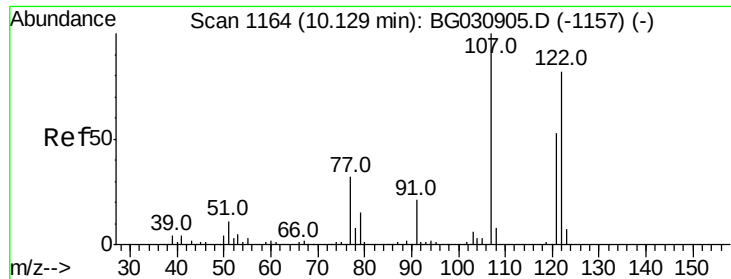
#23
Nitrobenzene-d5
Concen: 98.654 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion: 82	Resp:	288441
Ion Ratio	Lower	Upper
82	100	
128	44.3	29.7 44.5
54	51.4	43.1 64.7



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

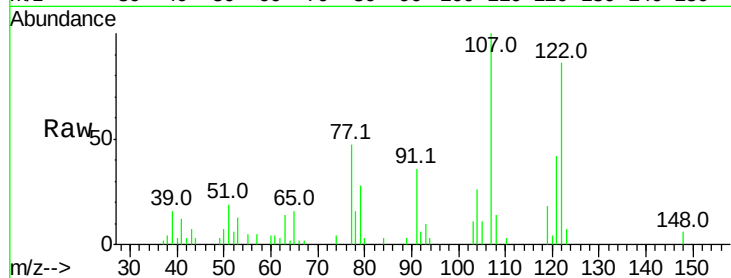




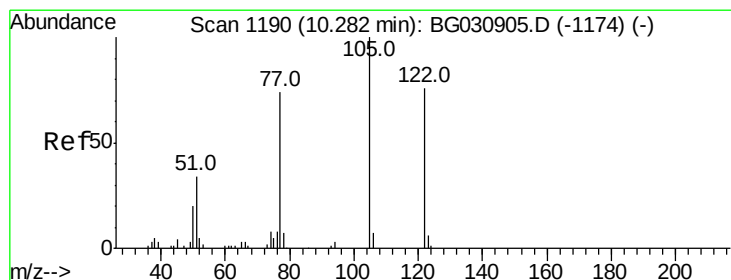
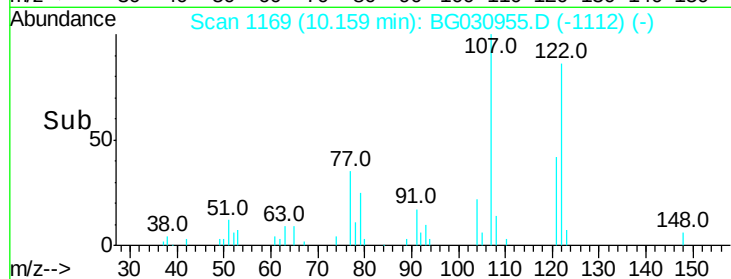
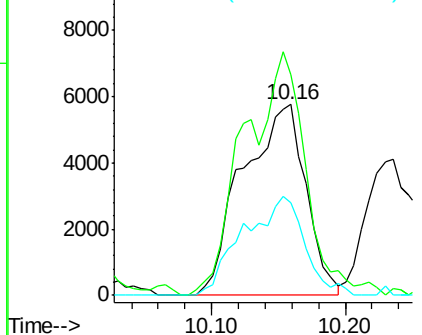
#27
2,4-Dimethylphenol
Concen: 8.180 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :
153RD-63RD-ST-DRUM

Tot Ion:122 Resp: 18906
Ion Ratio Lower Upper
122 100
107 115.9 100.2 150.2
121 48.3 44.4 66.6

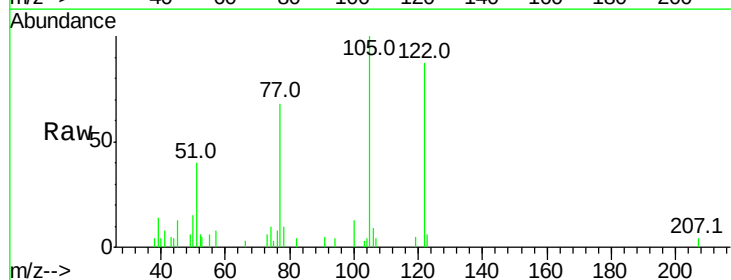


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

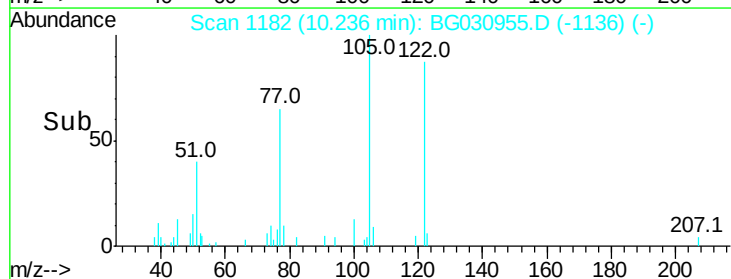
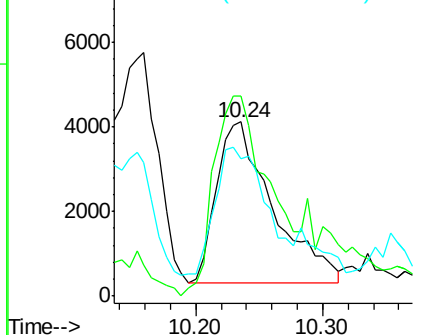


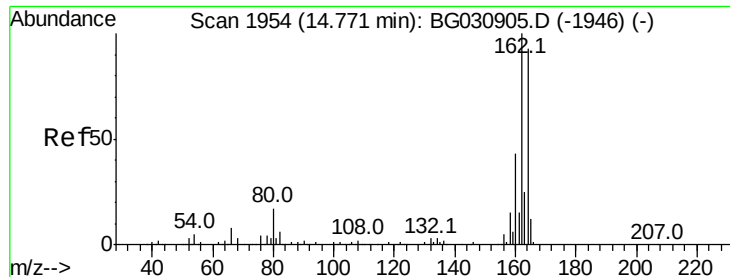
#32
Benzoic acid
Concen: 11.071 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:122 Resp: 11805
Ion Ratio Lower Upper
122 100
105 115.1 123.5 163.5#
77 78.8 85.7 125.7#



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): BGO





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

153RD-63RD-ST-DRUM

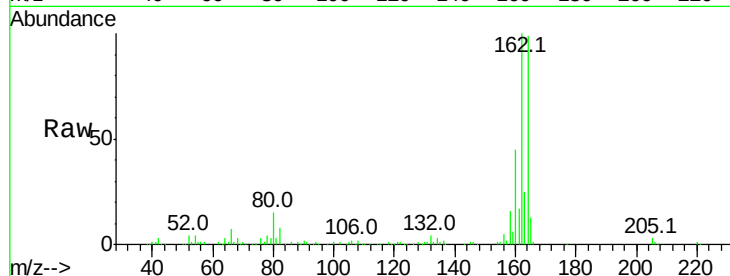
Tot Ion:164 Resp: 129533

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

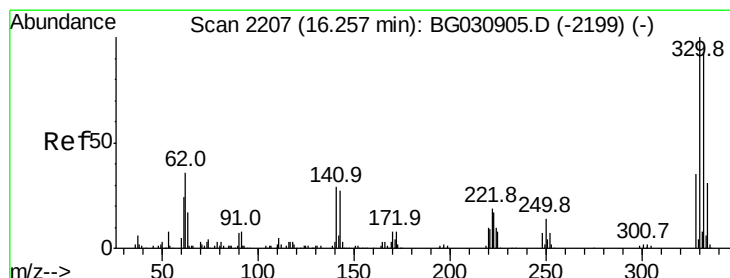
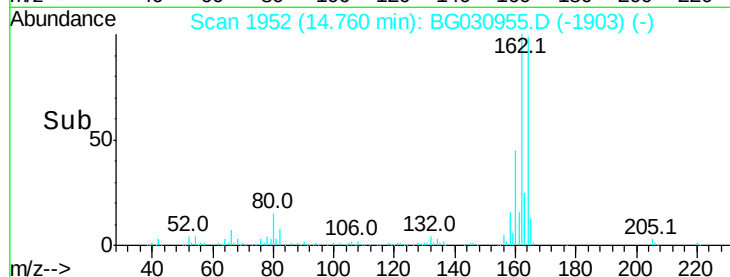
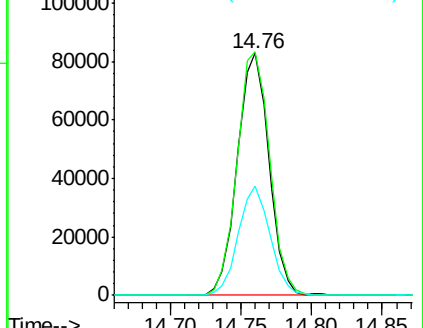
160 45.0 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 157.004 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

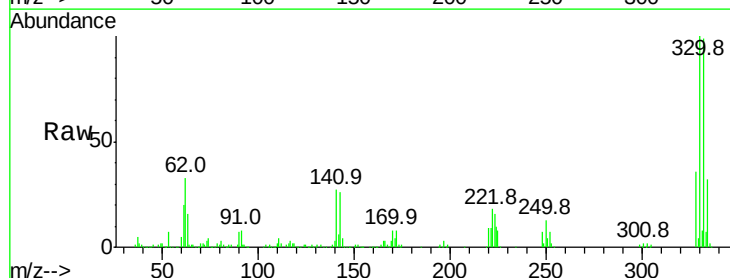
Tgt Ion:330 Resp: 328990

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

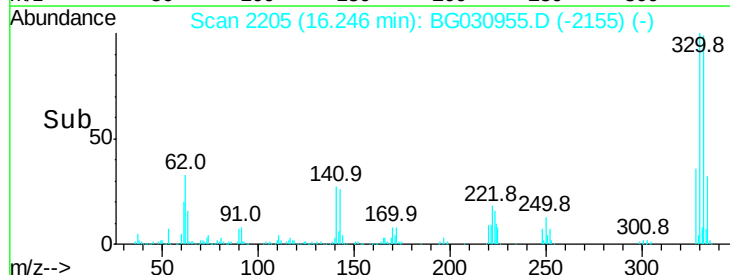
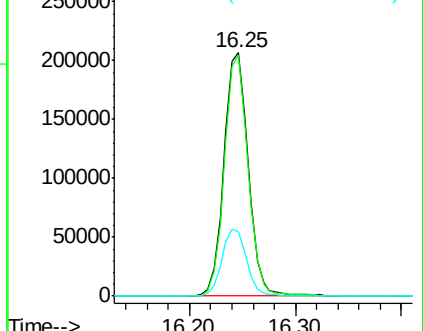
141 28.3 25.2 37.8

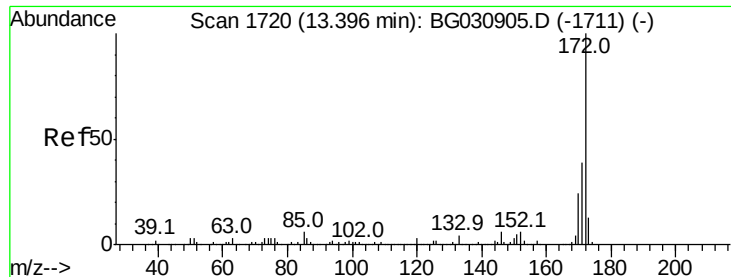


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

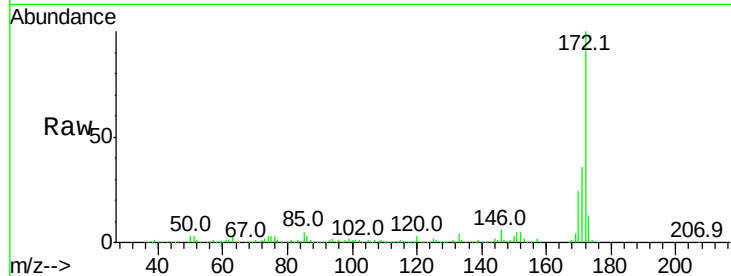




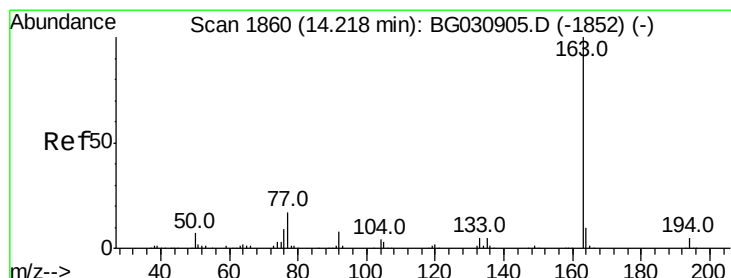
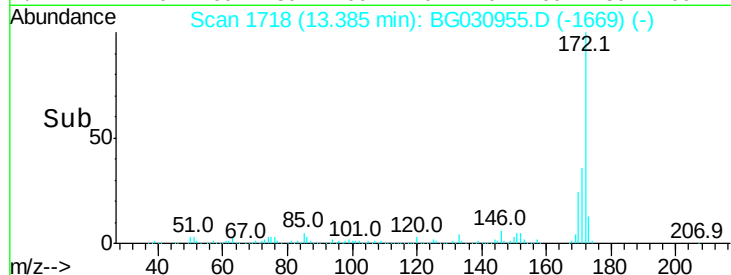
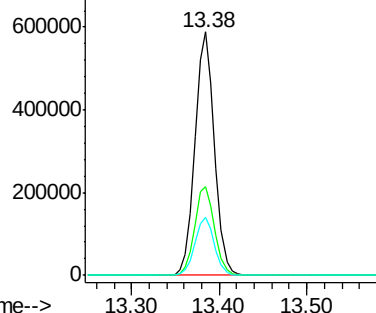
#44
2-Fluorobiphenyl
Concen: 99.605 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :
153RD-63RD-ST-DRUM

Tot Ion:172 Resp: 897924
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 23.9 19.5 29.3

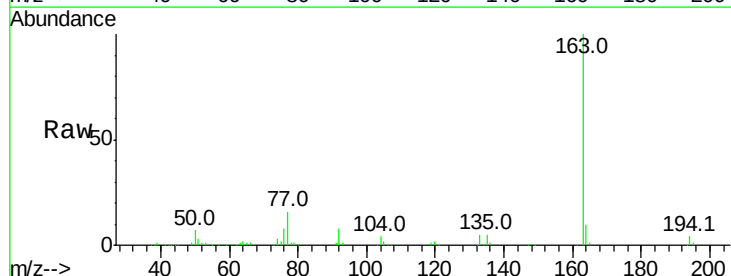


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

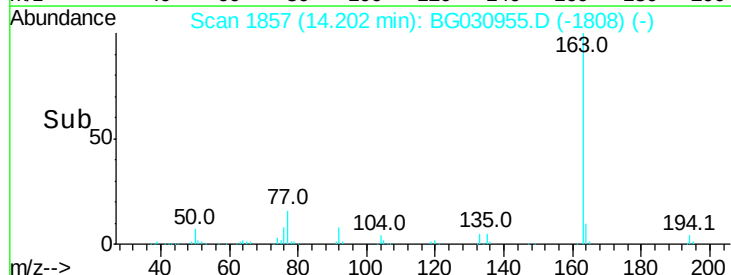
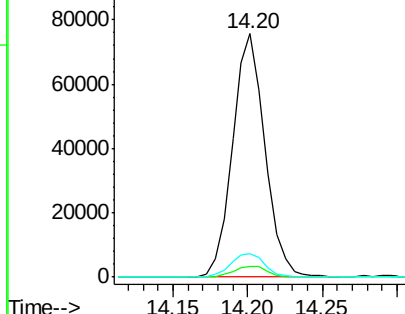


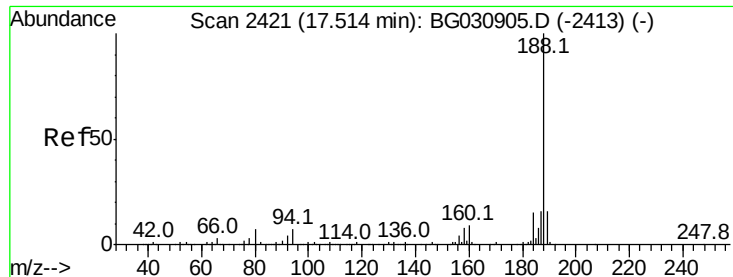
#49
Dimethylphthalate
Concen: 10.170 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:163 Resp: 113902
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.9 8.2 12.4



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

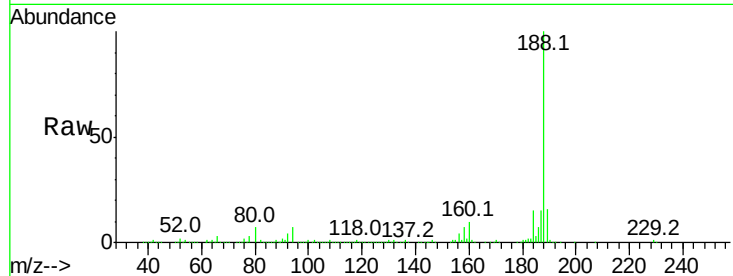




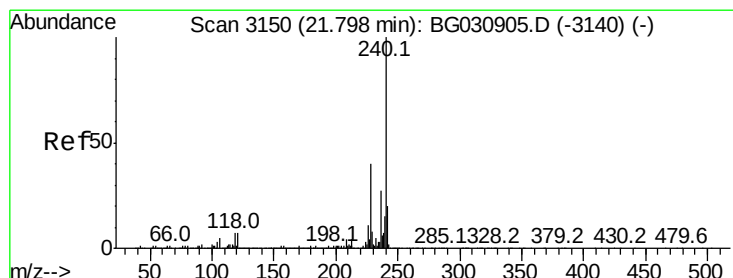
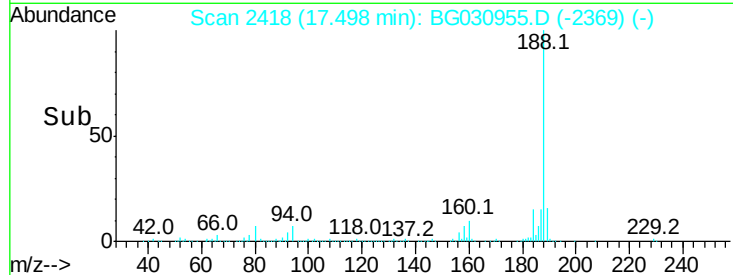
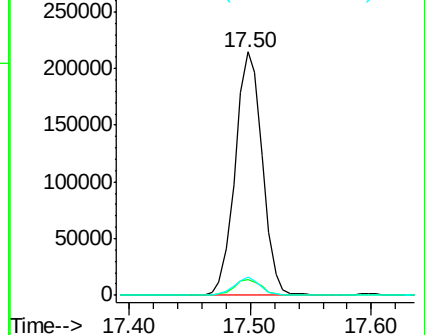
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Instrument :
BNA_G
ClientSampleId :
153RD-63RD-ST-DRUM

Tot Ion:188 Resp: 335816
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.3 7.7 11.5#

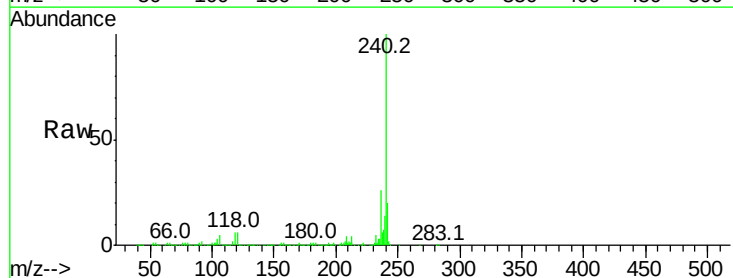


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

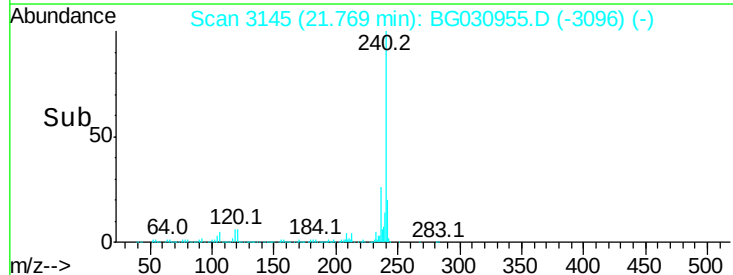
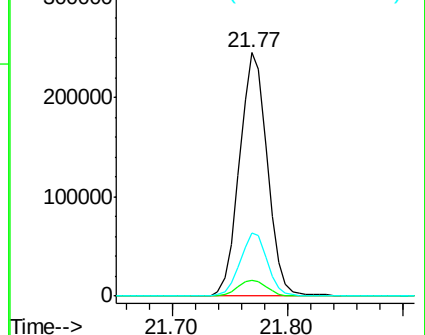


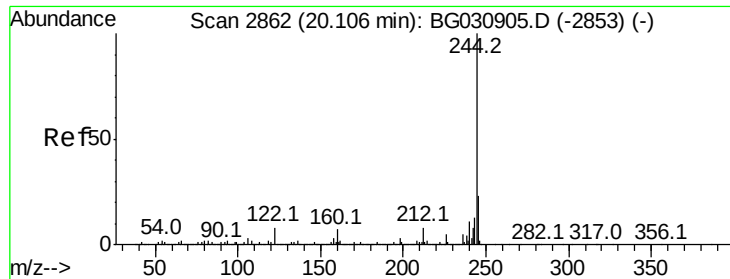
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG030955.D
Acq: 11 Nov 2017 22:45

Tgt Ion:240 Resp: 408745
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.1 20.9 31.3



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: 88.971 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

Instrument :

BNA_G

ClientSampleId :

153RD-63RD-ST-DRUM

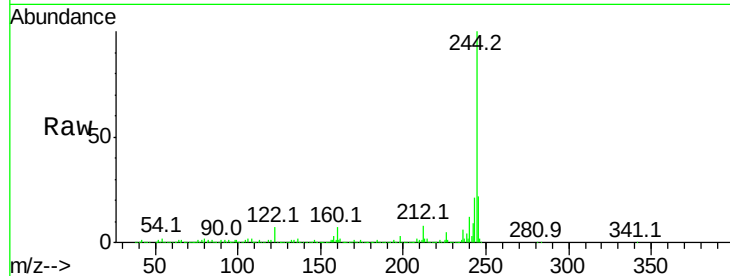
Tot Ion:244 Resp: 1646973

Ion Ratio Lower Upper

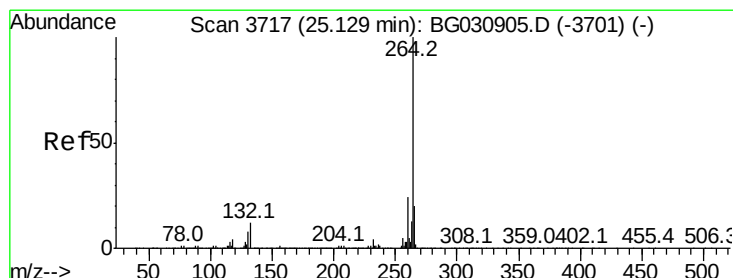
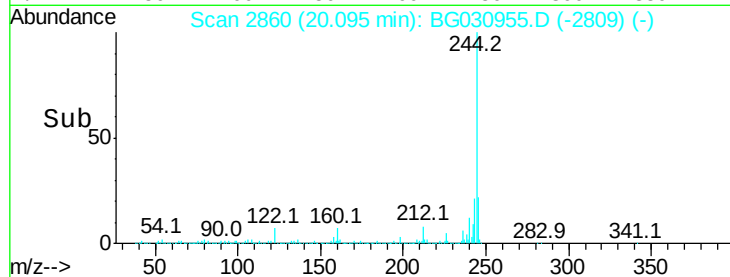
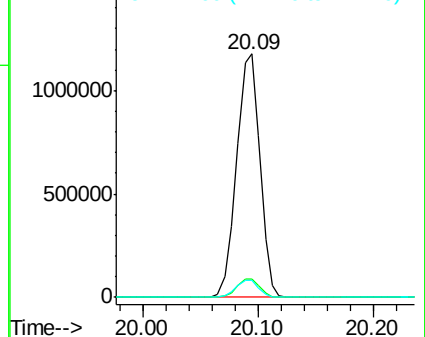
244 100

212 7.7 5.8 8.8

122 6.8 7.0 10.4#



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: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030955.D

Acq: 11 Nov 2017 22:45

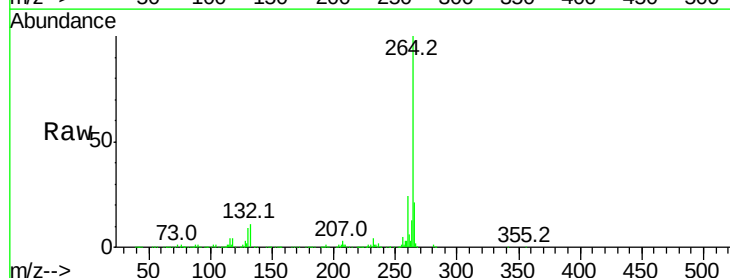
Tgt Ion:264 Resp: 411844

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 20.9 17.7 26.5



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

