

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020958.D
 Acq On : 19 Feb 2016 5:38
 Operator : SJ/UM
 Sample : H1488-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 19 06:40:46 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

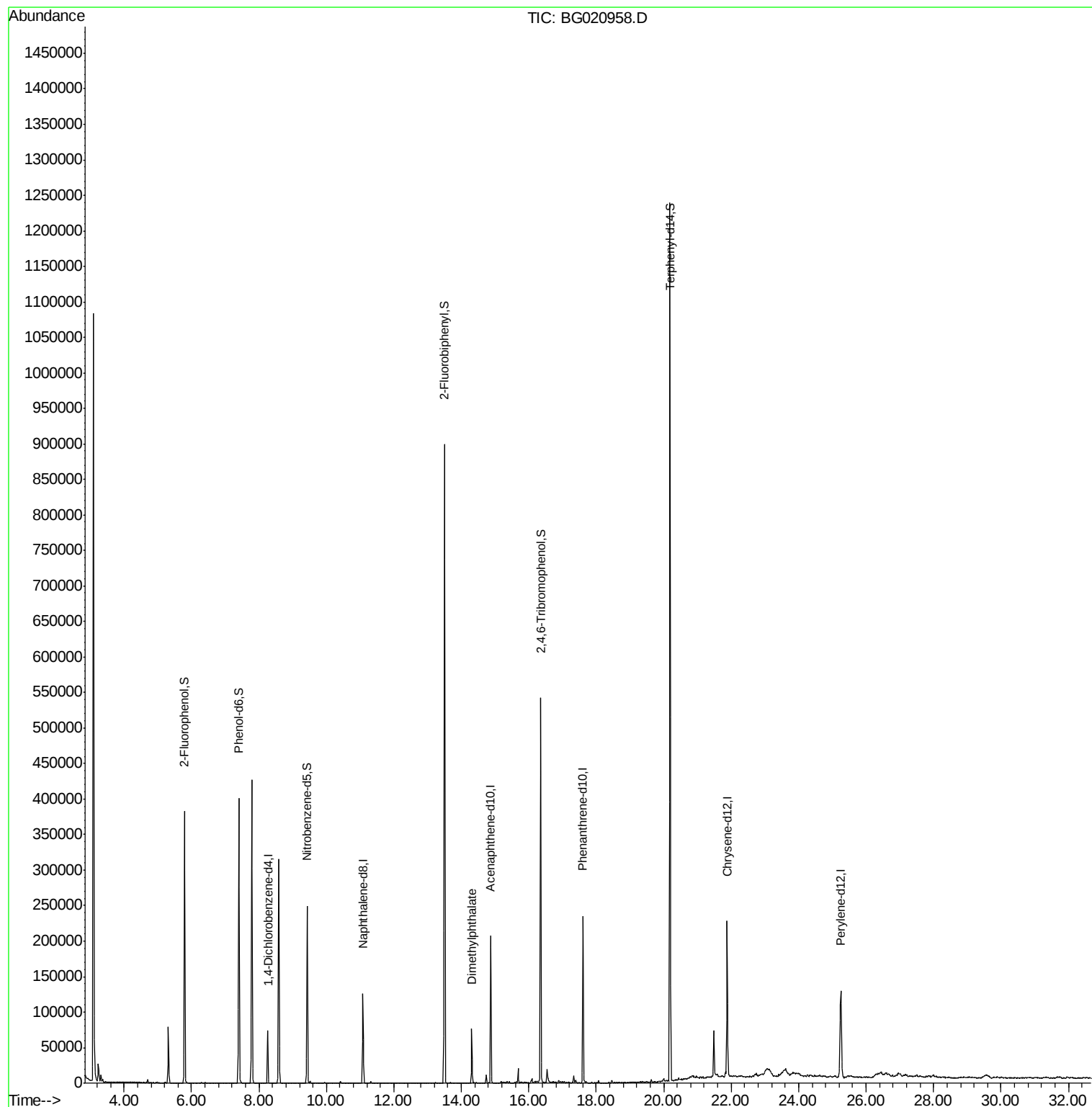
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	23952	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	124383	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	71747	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	139314	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	125482	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120877	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	212447	149.37	ng	0.00
7) Phenol-d6	7.40	99	309322	148.80	ng	0.00
23) Nitrobenzene-d5	9.43	82	168821	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	102817	145.72	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	472209	92.45	ng	-0.01
78) Terphenyl-d14	20.18	244	508918	94.61	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.31	163	55101	9.82	ng	Qvalue 99

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

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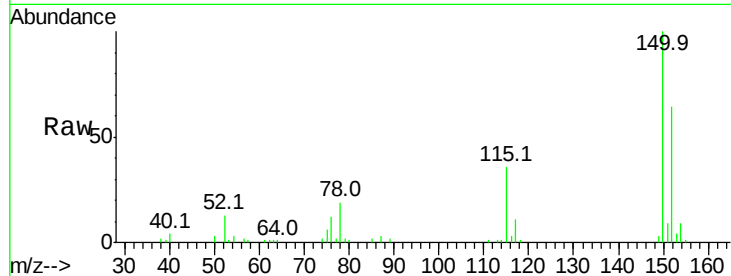


#1

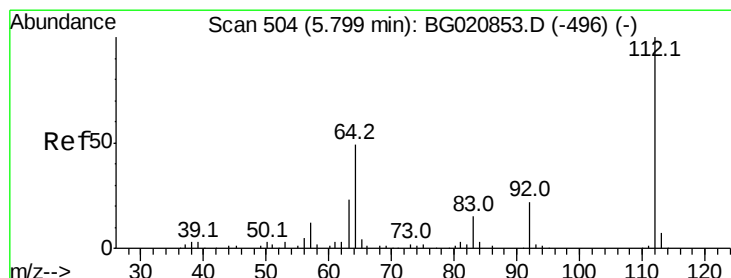
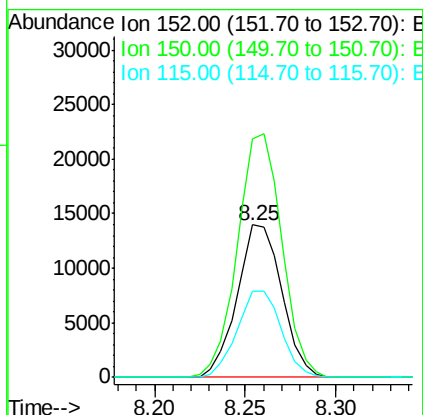
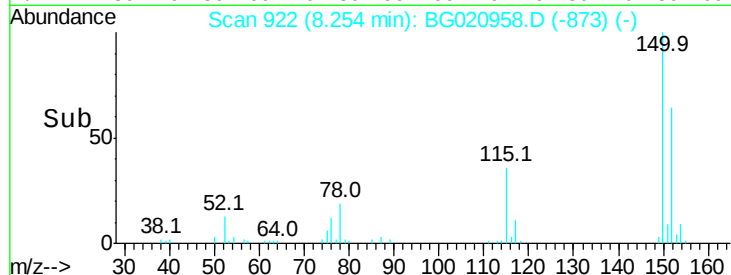
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23952
Ion Ratio Lower Upper
152 100
150 156.6 122.0 183.0
115 56.7 45.2 67.8



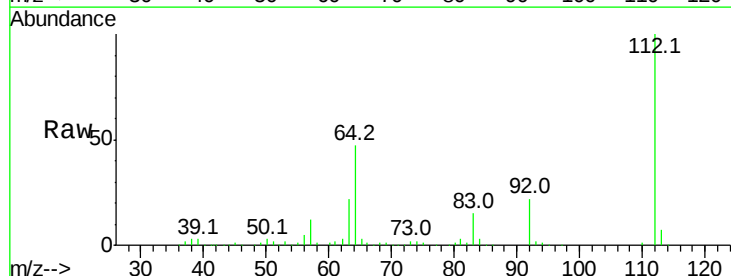
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



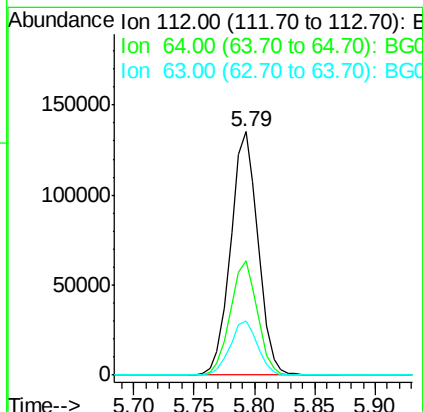
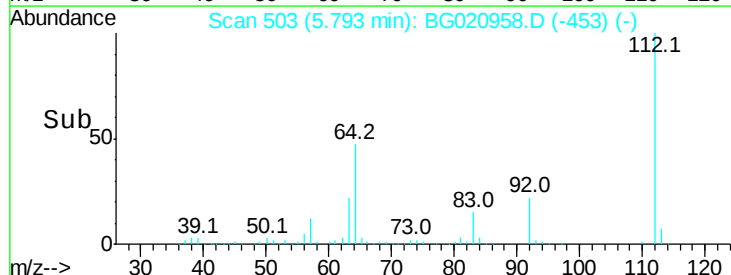
#5

2-Fluorophenol
Concen: 149.37 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Tgt Ion:112 Resp: 212447
Ion Ratio Lower Upper
112 100
64 47.1 39.3 58.9
63 22.1 18.2 27.4



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: 148.80 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

Instrument :

BNA_G

ClientSampled :

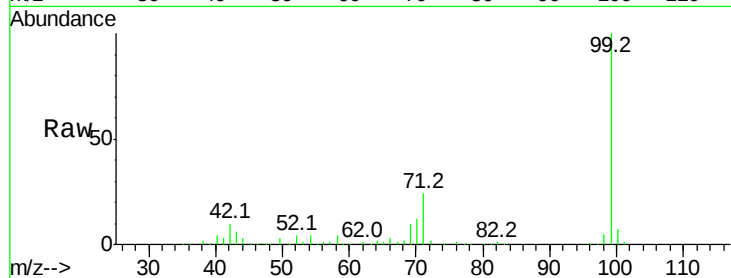
Tot Ion: 99 Resp: 309322

Ion Ratio Lower Upper

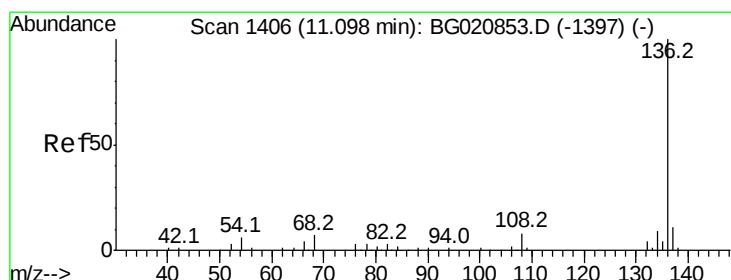
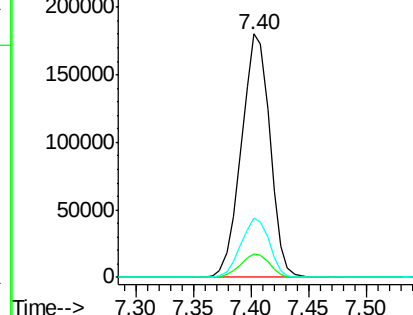
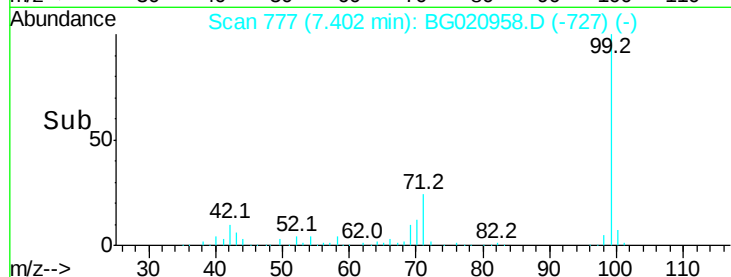
99 100

42 9.9 8.4 12.6

71 24.2 19.4 29.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

Tgt Ion: 136 Resp: 124383

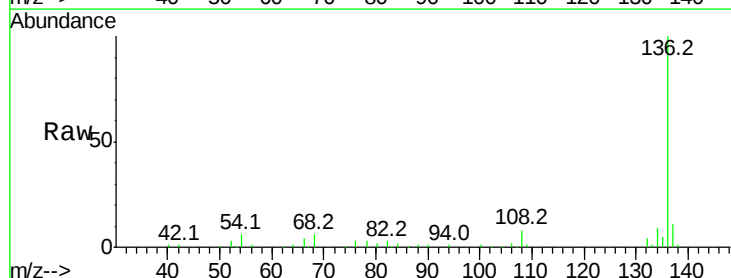
Ion Ratio Lower Upper

136 100

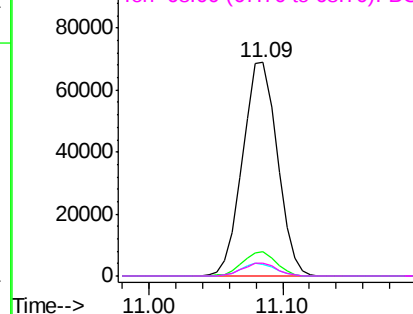
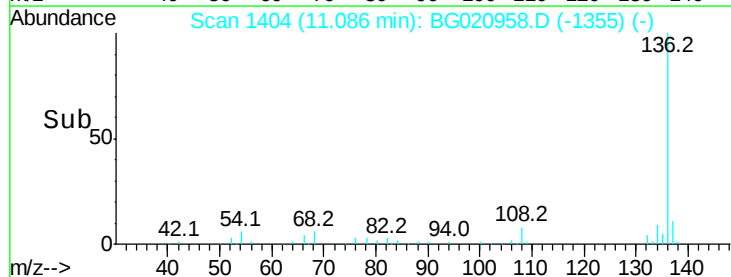
137 11.2 8.8 13.2

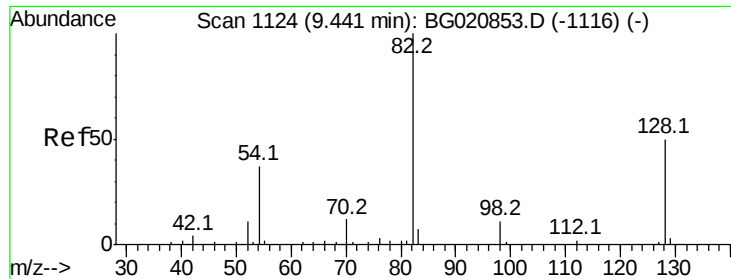
54 5.5 5.0 7.4

68 6.2 5.2 7.8



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

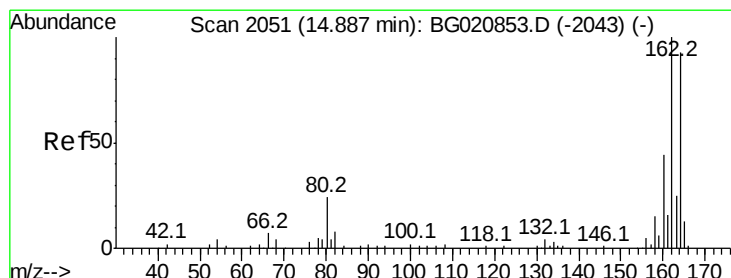
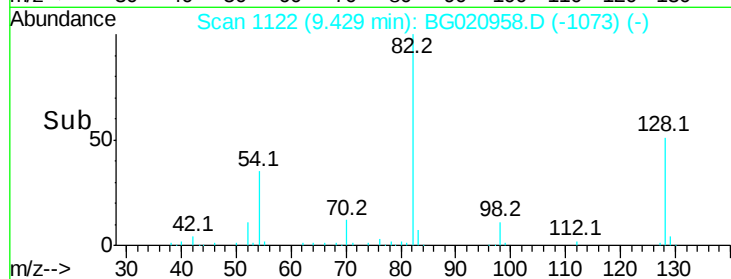
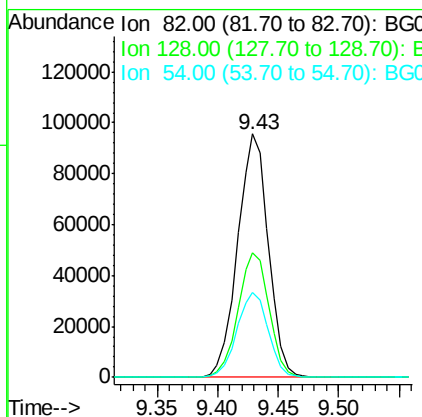
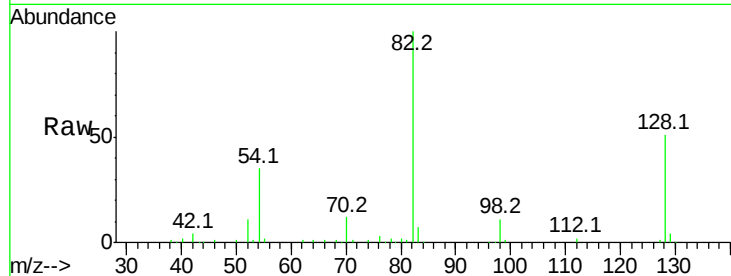




#23
 Nitrobenzene-d5
 Concen: 89.24 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020958.D
 Acq: 19 Feb 2016 5:38

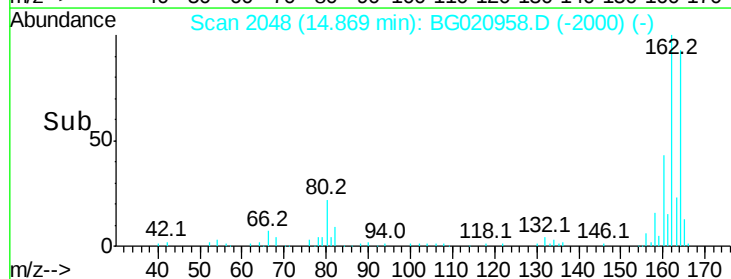
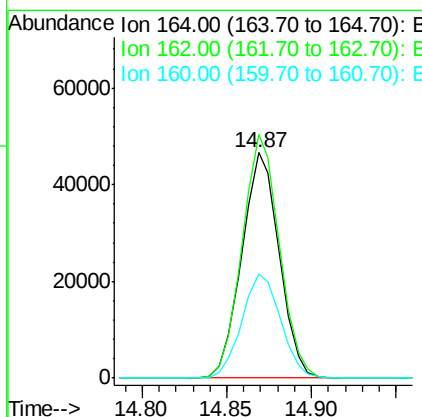
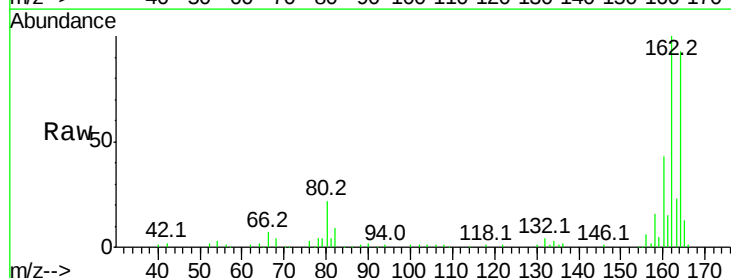
Instrument :
 BNA_G
 ClientSampleId :

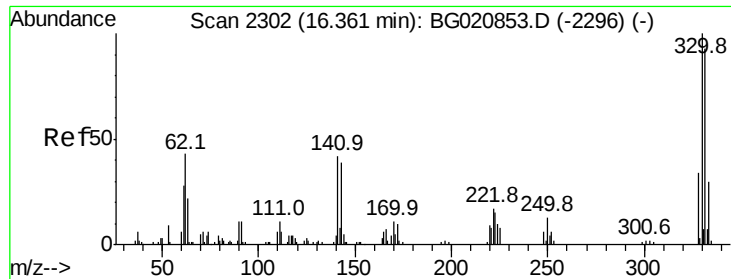
Tot Ion	82	Resp	168821
Ion Ratio	Lower	Upper	
82	100		
128	51.0	40.1	60.1
54	34.8	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020958.D
 Acq: 19 Feb 2016 5:38

Tgt Ion	164	Resp	71747
Ion Ratio	Lower	Upper	
164	100		
162	108.0	85.7	128.5
160	46.1	37.4	56.0

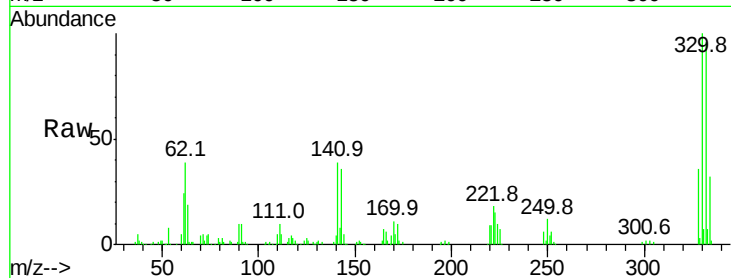




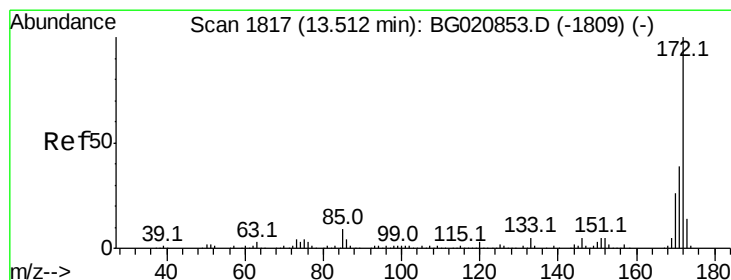
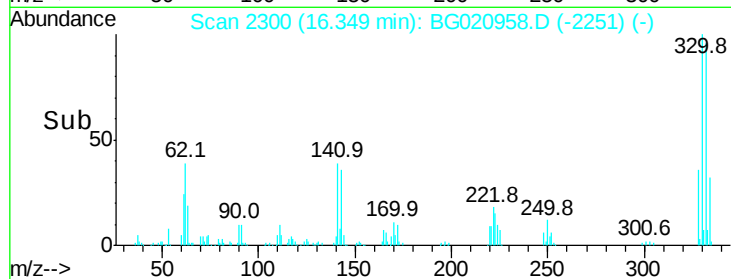
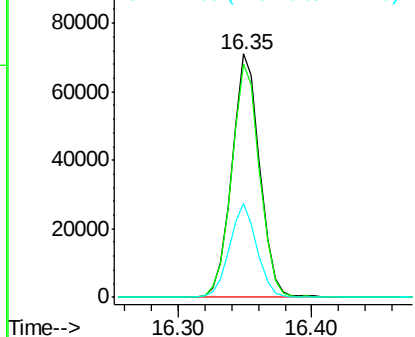
#41
 2,4,6-Tribromophenol
 Concen: 145.72 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020958.D
 Acq: 19 Feb 2016 5:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	37.9	32.0	48.0

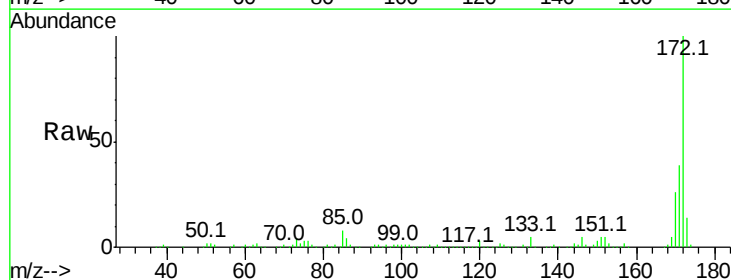


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

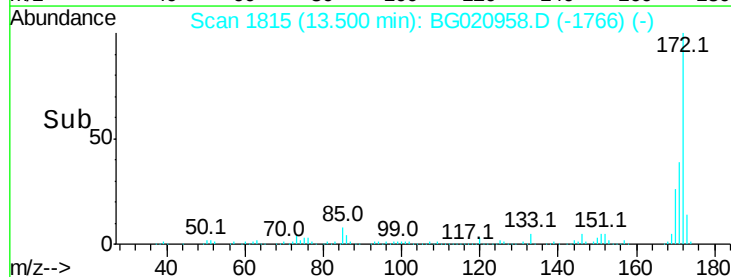
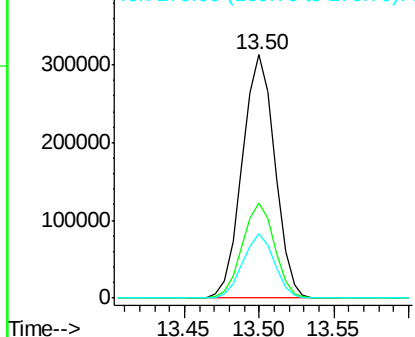


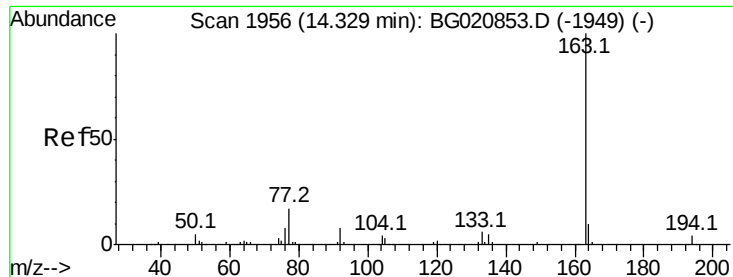
#44
 2-Fluorobiphenyl
 Concen: 92.45 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020958.D
 Acq: 19 Feb 2016 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.2	46.8
170	26.5	20.6	30.8



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: 9.82 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

Instrument :

BNA_G

ClientSampleId :

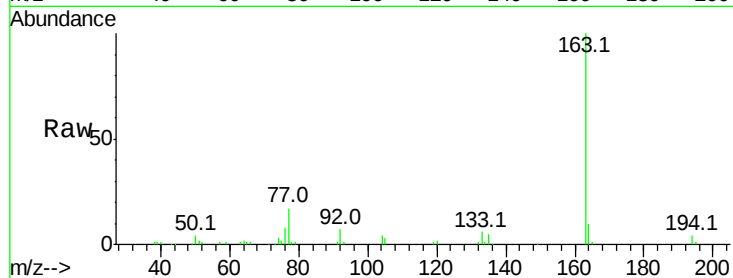
Tot Ion:163 Resp: 55101

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

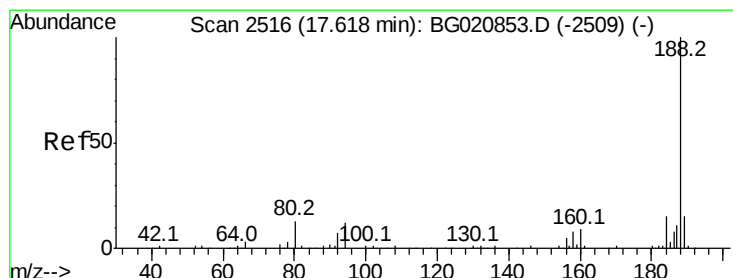
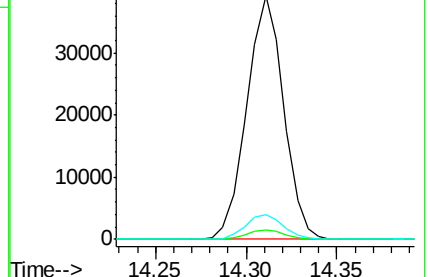
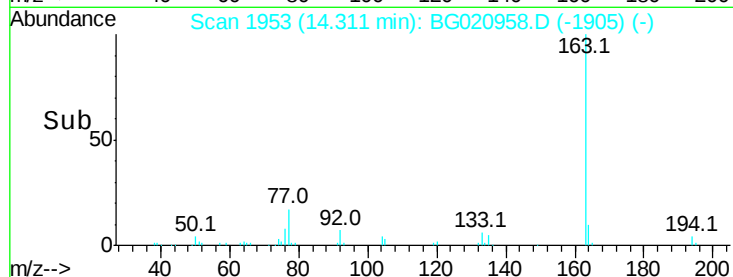
164 10.1 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

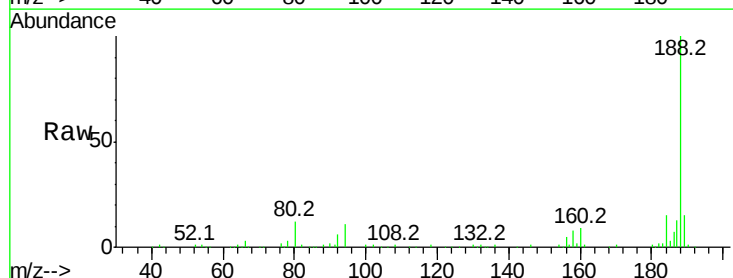
Tgt Ion:188 Resp: 139314

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

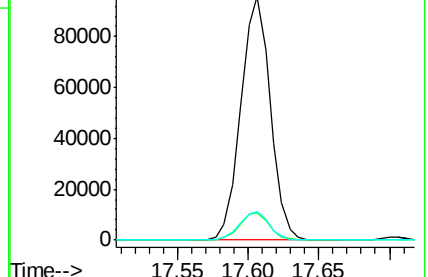
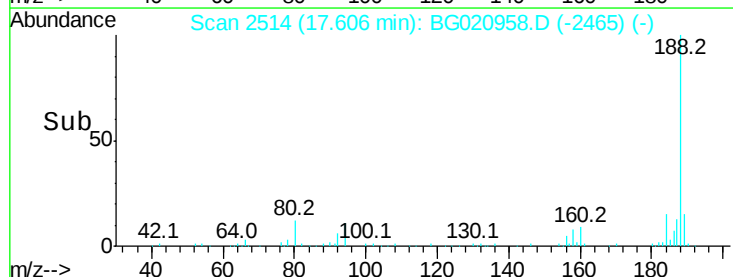
80 11.9 10.2 15.4

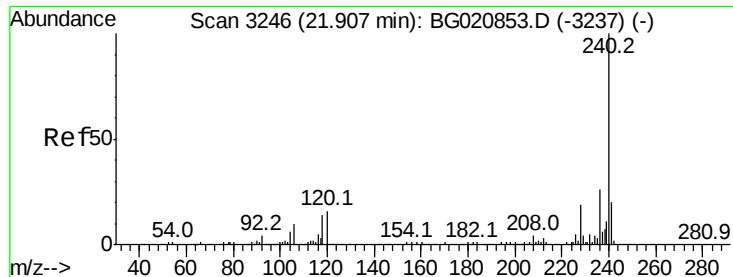


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

Instrument :

BNA_G

ClientSampleId :

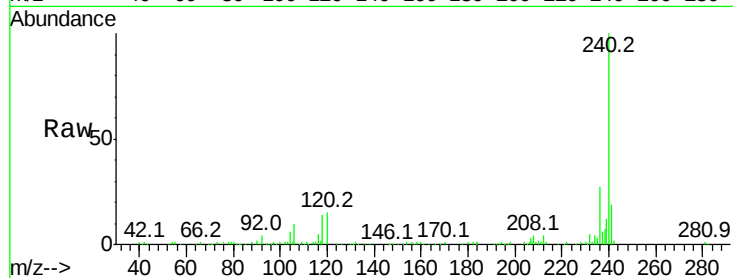
Tot Ion:240 Resp: 125482

Ion Ratio Lower Upper

240 100

120 15.1 13.0 19.4

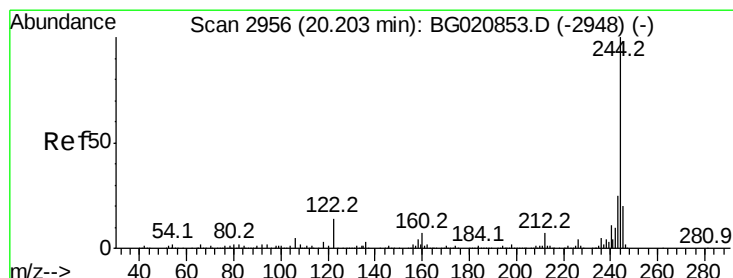
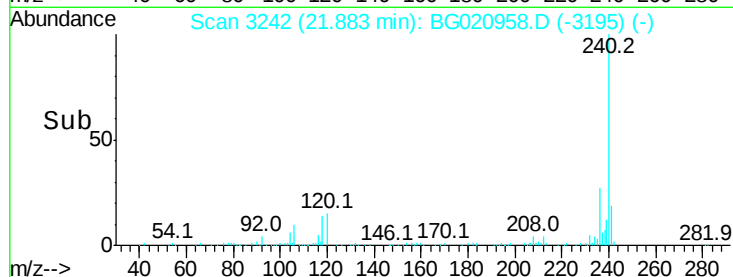
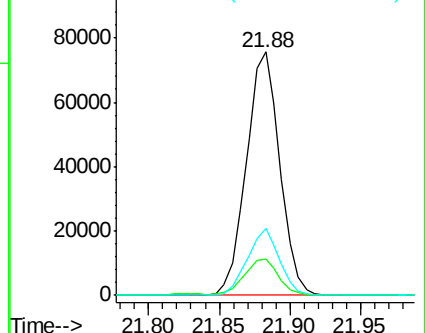
236 27.3 21.0 31.4



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: 94.61 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020958.D

Acq: 19 Feb 2016 5:38

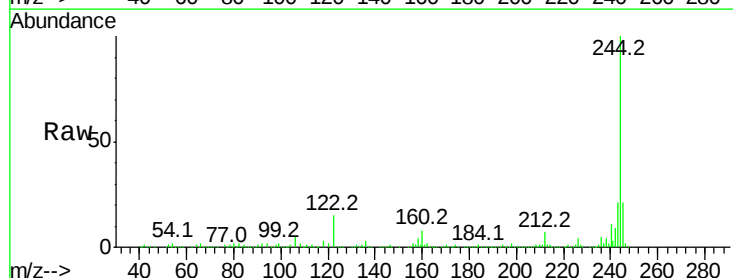
Tgt Ion:244 Resp: 508918

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

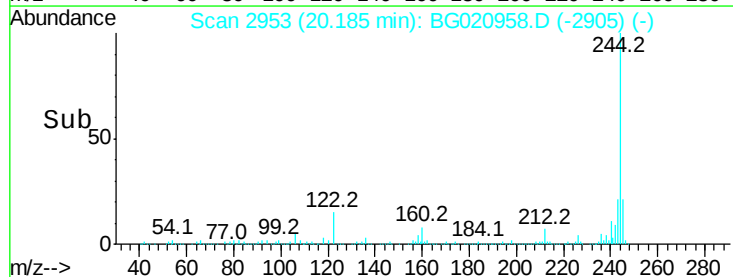
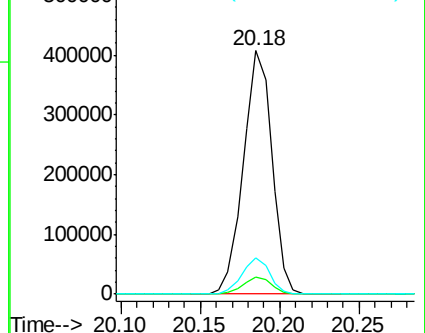
122 15.0 11.4 17.2

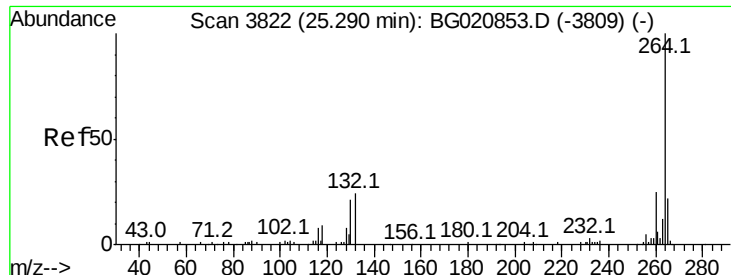


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

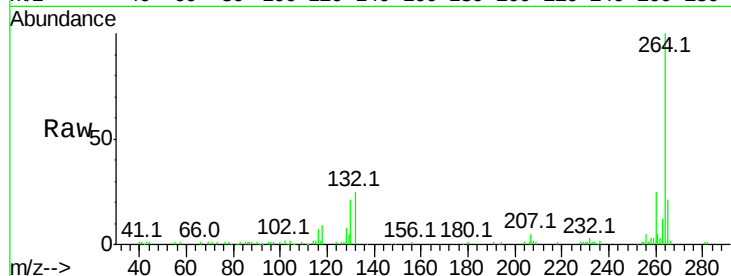




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020958.D
Acq: 19 Feb 2016 5:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	120877
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	21.0	18.0	27.0



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

