

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019932.D
 Acq On : 5 Dec 2015 8:40
 Operator : UM/NP
 Sample : PB87019BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87019BL

Quant Time: Dec 07 04:06:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	43114	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	194467	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	147513	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	381175	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	467349	20.00	ng	-0.04
86) Perylene-d12	25.04	264	442235	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	212529	89.09	ng	-0.01
7) Phenol-d6	7.26	99	308301	85.60	ng	-0.01
23) Nitrobenzene-d5	9.28	82	201193	52.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	160965	71.32	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	512375	47.43	ng	-0.02
78) Terphenyl-d14	20.09	244	934138	48.75	ng	-0.02

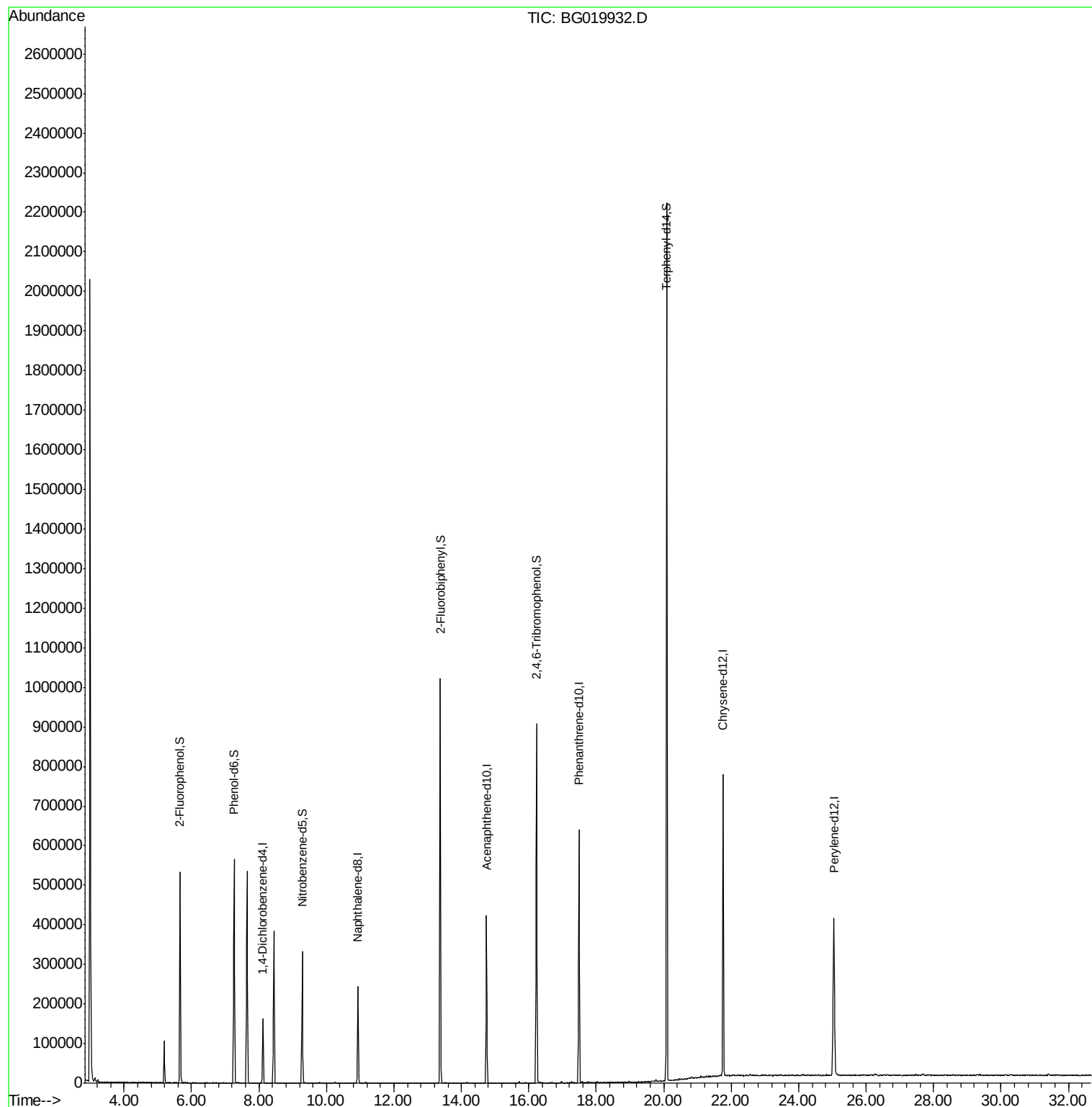
Target Compounds Qvalue

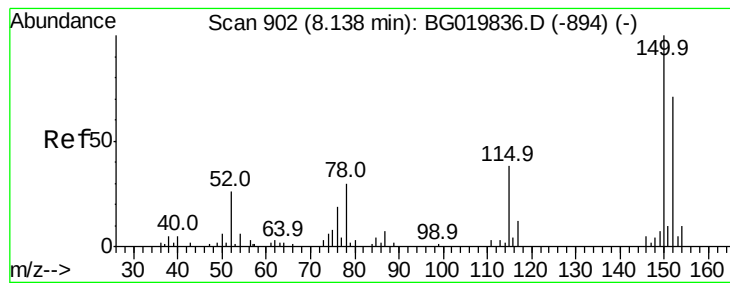
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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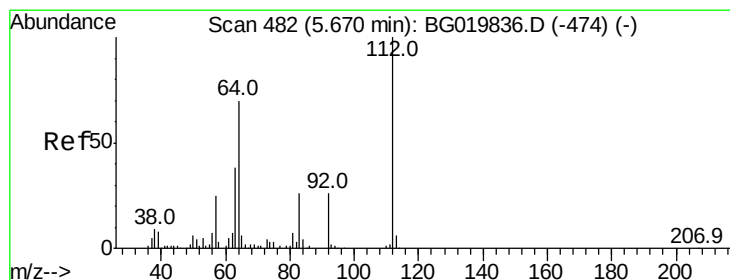
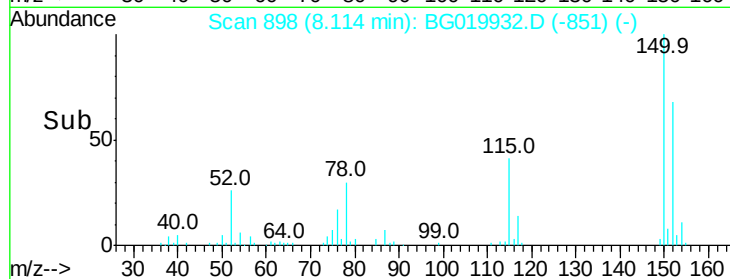
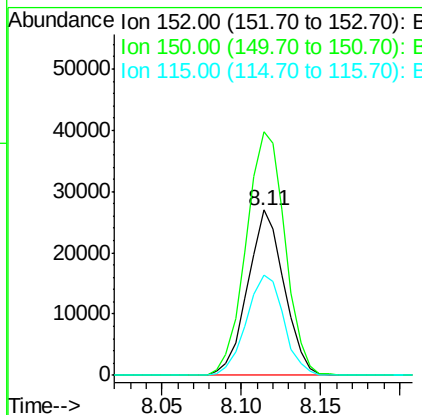
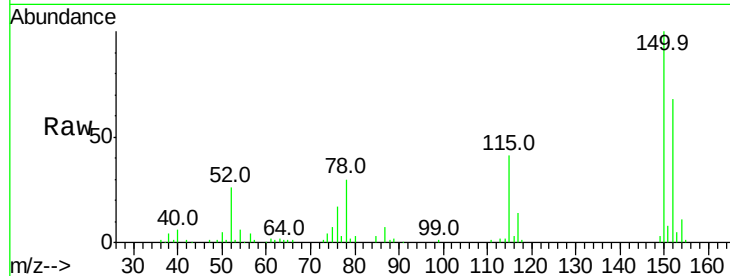


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019932.D
Acq: 5 Dec 2015 8:40

Instrument :
BNA_G
ClientSampleId :
PB87019BL

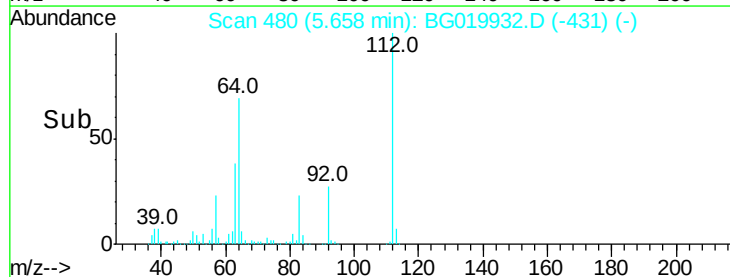
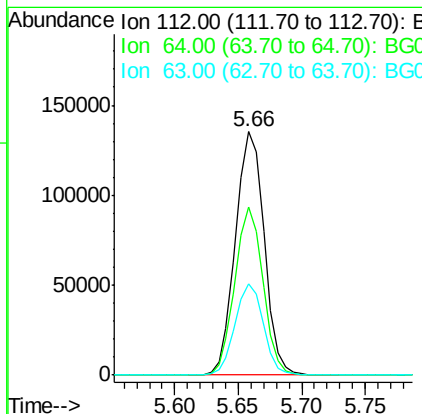
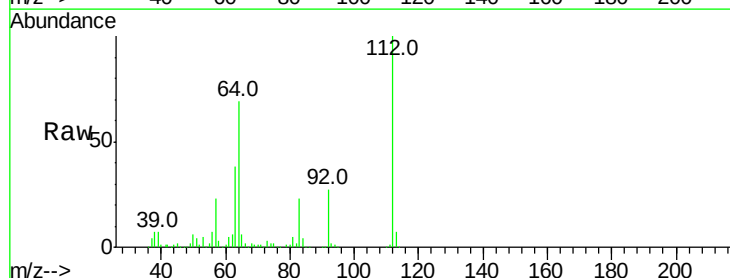
Tot Ion:152 Resp: 43114
Ion Ratio Lower Upper
152 100
150 147.3 115.0 172.4
115 60.6 43.9 65.9

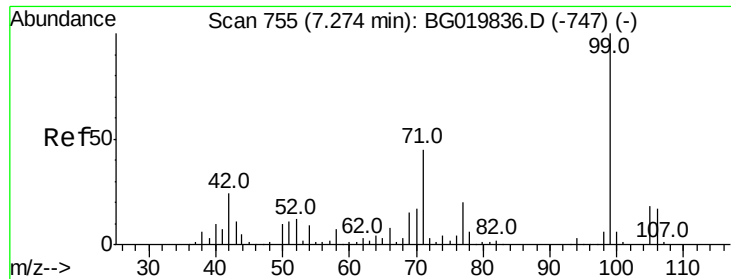


#5

2-Fluorophenol
Concen: 89.09 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019932.D
Acq: 5 Dec 2015 8:40

Tgt Ion:112 Resp: 212529
Ion Ratio Lower Upper
112 100
64 69.2 43.7 65.5#
63 37.8 24.0 36.0#





#7

Phenol-d6

Concen: 85.60 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

Instrument :

BNA_G

ClientSampleId :

PB87019BL

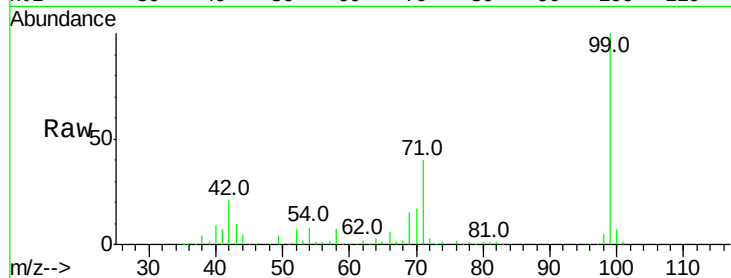
Tot Ion: 99 Resp: 308301

Ion Ratio Lower Upper

99 100

42 20.9 11.5 17.3#

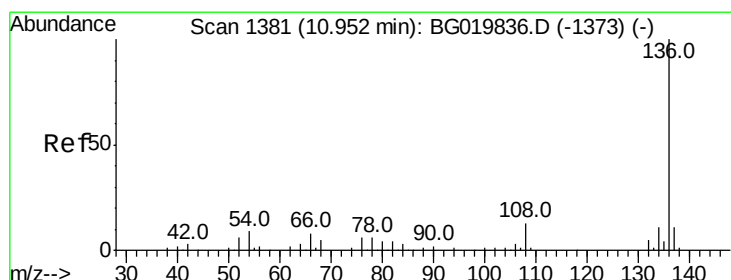
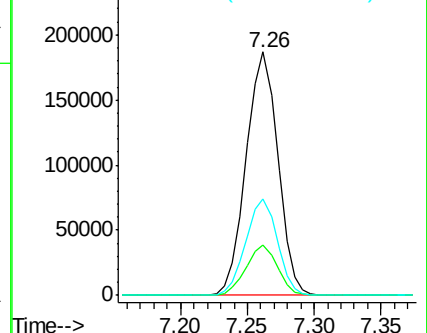
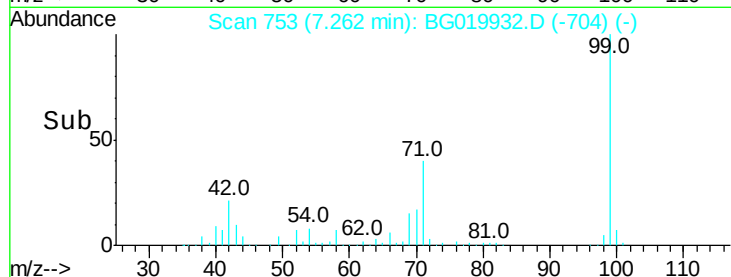
71 39.7 22.6 34.0#



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: 10.93 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

Tgt Ion: 136 Resp: 194467

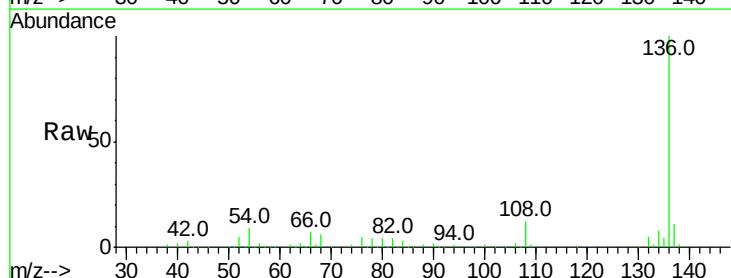
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 9.5 5.4 8.2#

68 6.1 5.3 7.9

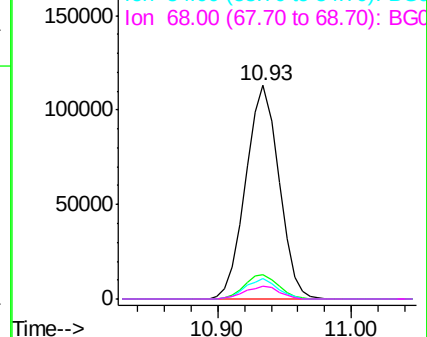
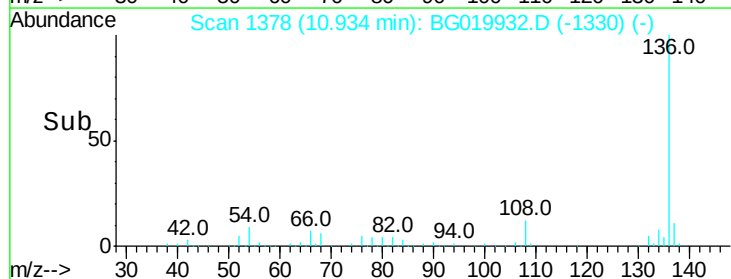


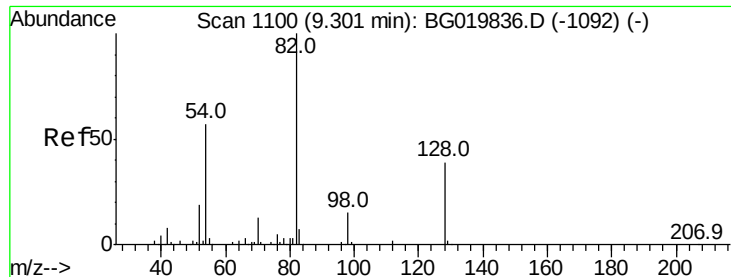
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

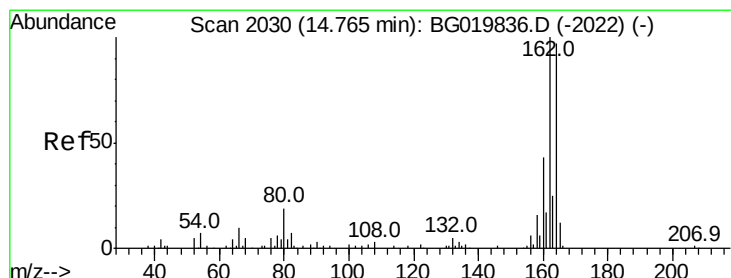
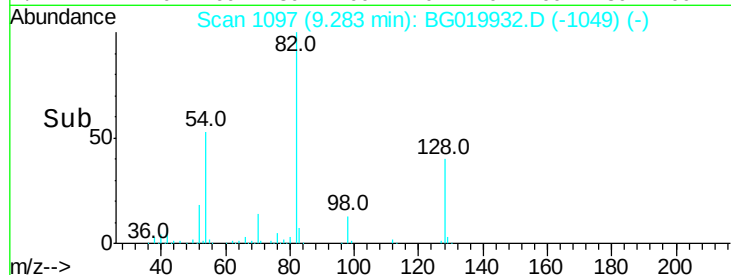
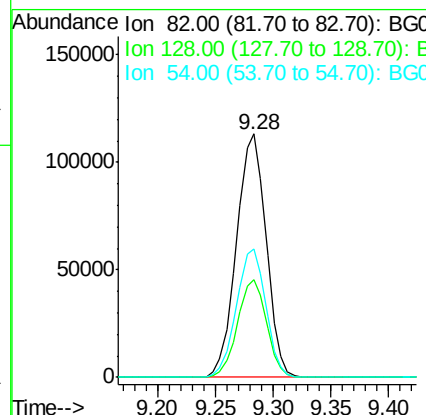
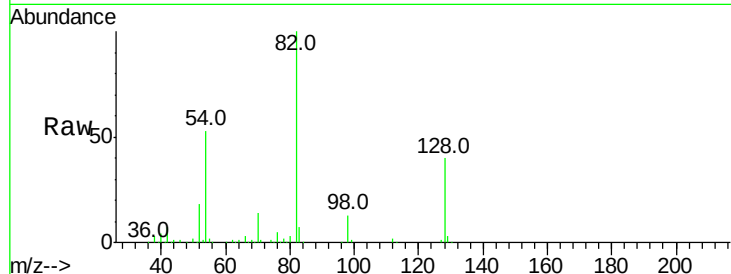




#23
Nitrobenzene-d5
Concen: 52.80 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019932.D
Acq: 5 Dec 2015 8:40

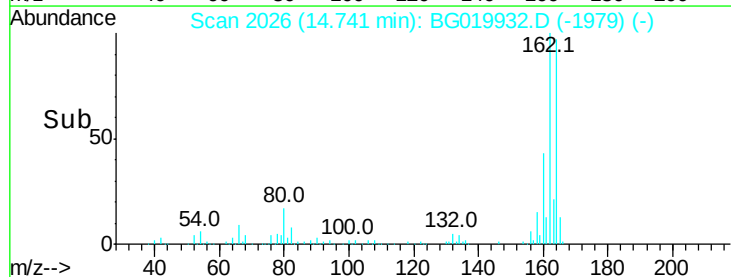
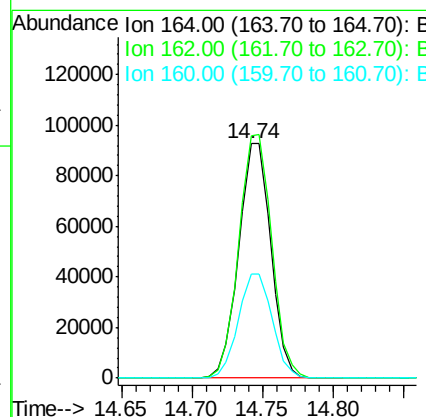
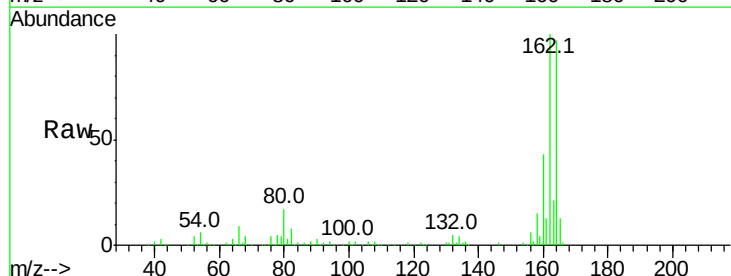
Instrument :
BNA_G
ClientSampleId :
PB87019BL

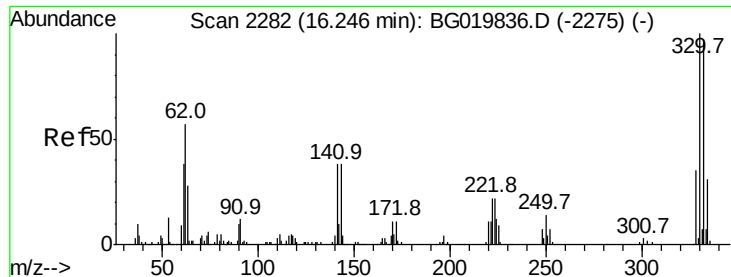
Tot Ion: 82 Resp: 201193
Ion Ratio Lower Upper
82 100
128 40.3 36.7 55.1
54 52.6 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019932.D
Acq: 5 Dec 2015 8:40

Tgt Ion:164 Resp: 147513
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 44.1 36.4 54.6

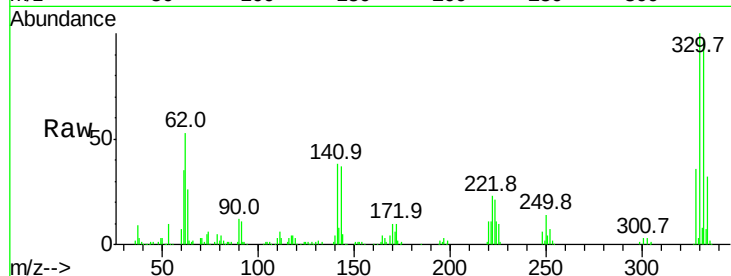




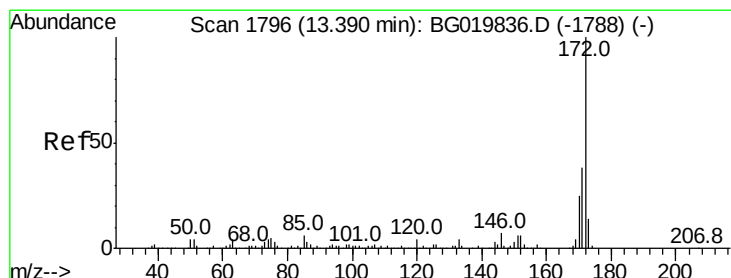
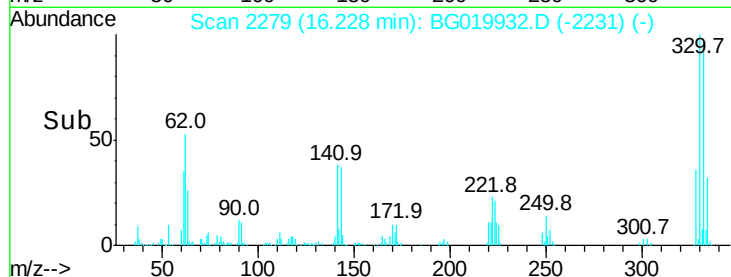
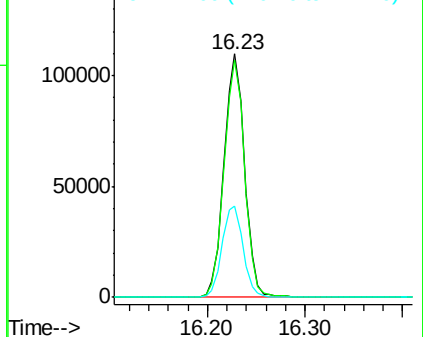
#41
 2,4,6-Tribromophenol
 Concen: 71.32 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019932.D
 Acq: 5 Dec 2015 8:40

Instrument :
 BNA_G
 ClientSampleID :
 PB87019BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	38.4	28.2	42.2

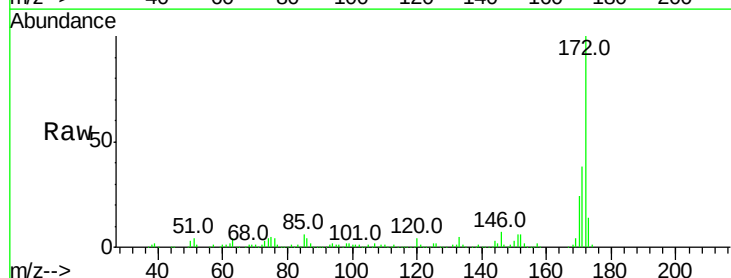


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

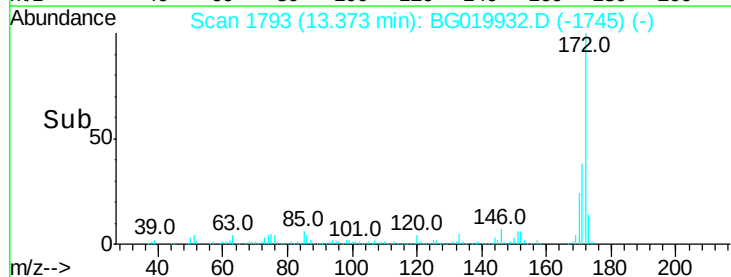
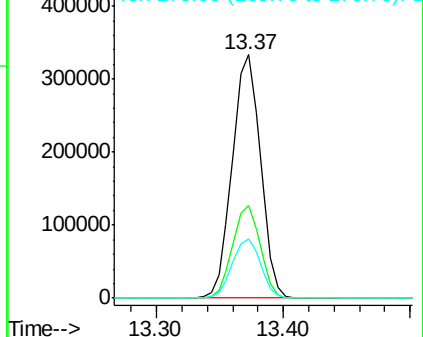


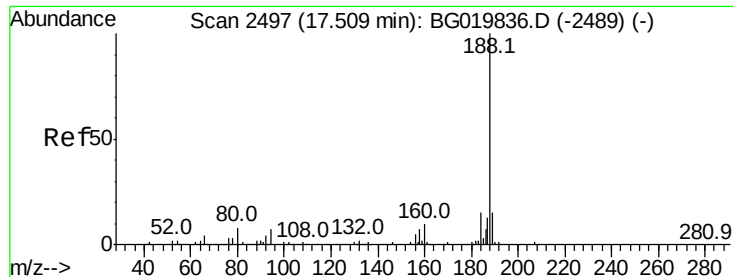
#44
 2-Fluorobiphenyl
 Concen: 47.43 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019932.D
 Acq: 5 Dec 2015 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.6
170	24.3	19.9	29.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

Instrument :

BNA_G

ClientSampleId :

PB87019BL

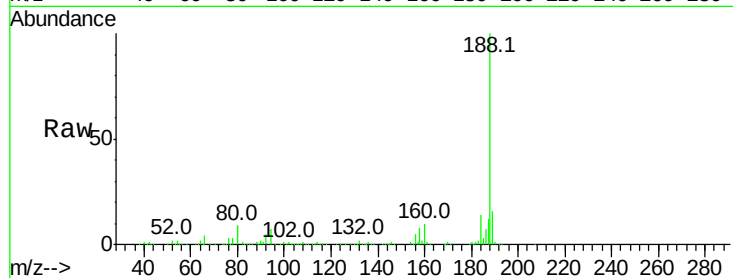
Tot Ion:188 Resp: 381175

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

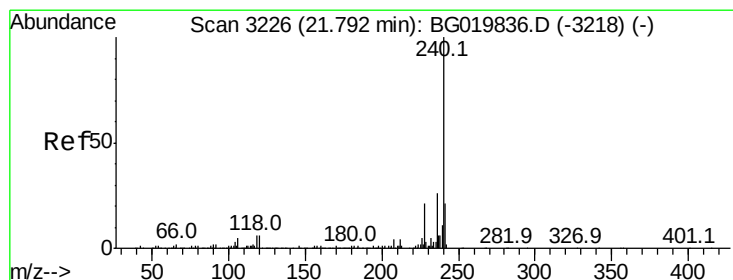
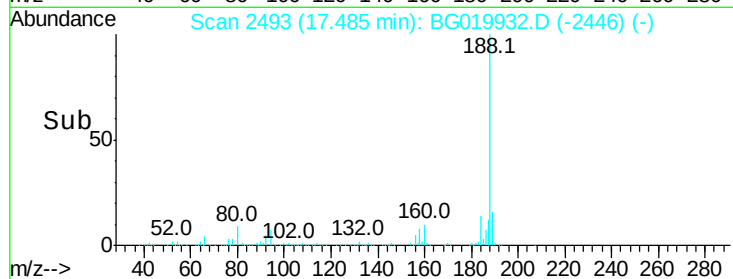
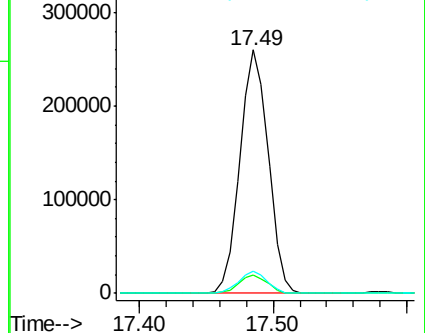
80 9.0 7.8 11.8



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: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

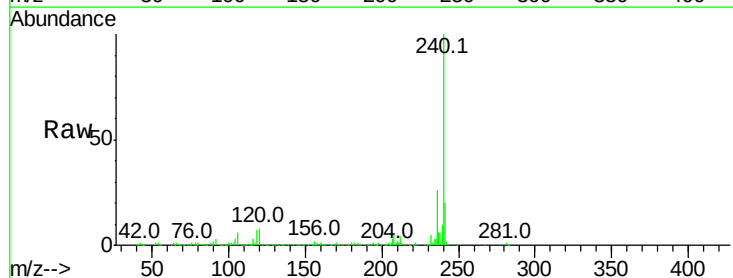
Tgt Ion:240 Resp: 467349

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

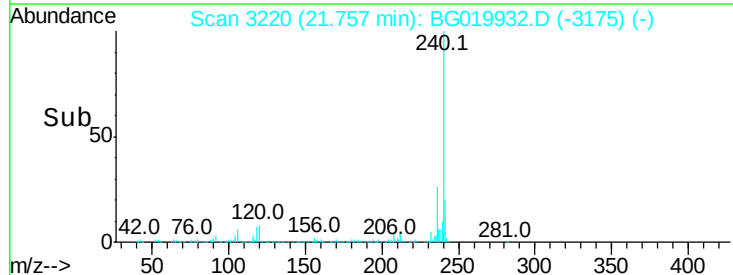
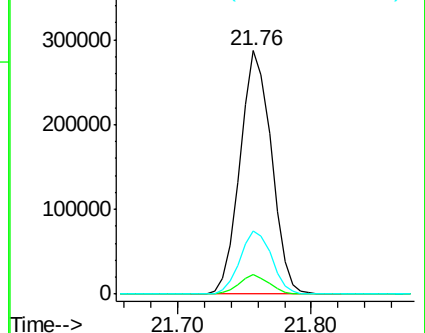
236 25.8 20.7 31.1

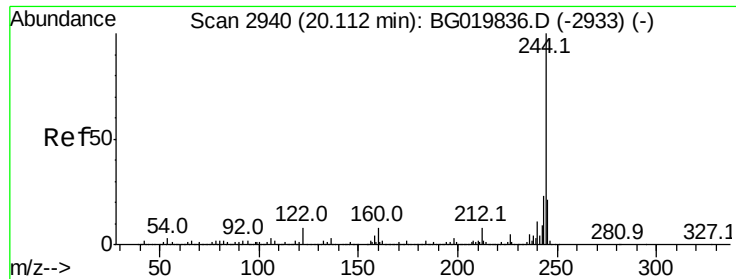


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.75 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

Instrument :

BNA_G

ClientSampleId :

PB87019BL

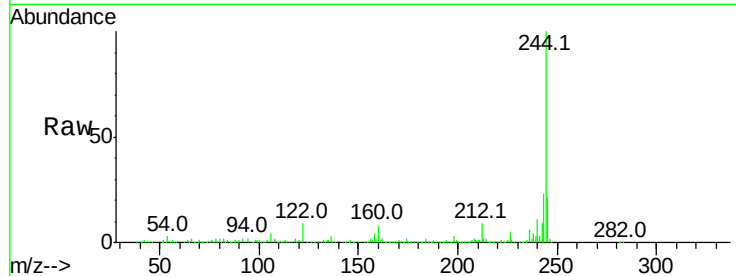
Tot Ion:244 Resp: 934138

Ion Ratio Lower Upper

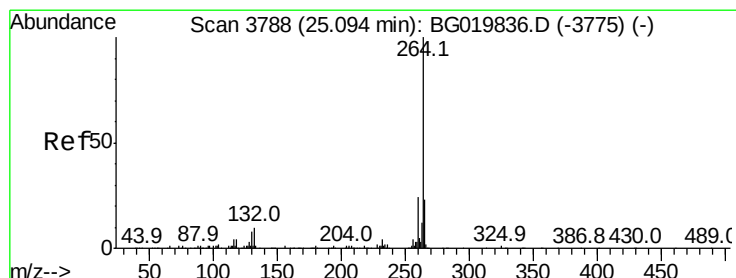
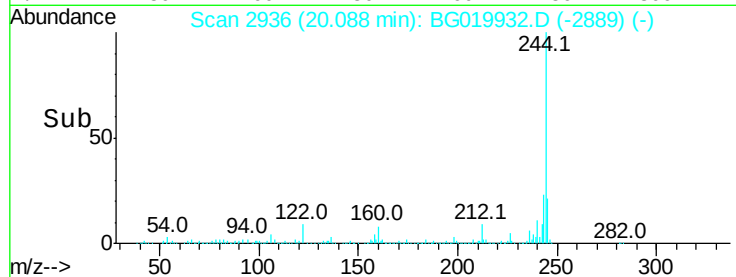
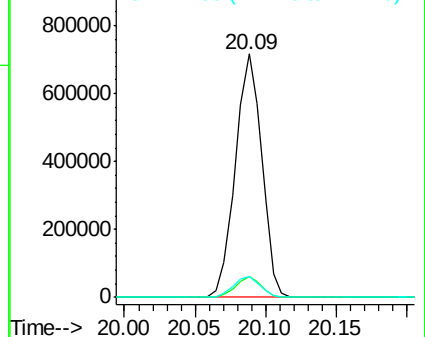
244 100

212 8.6 6.9 10.3

122 8.7 10.2 15.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG019932.D

Acq: 5 Dec 2015 8:40

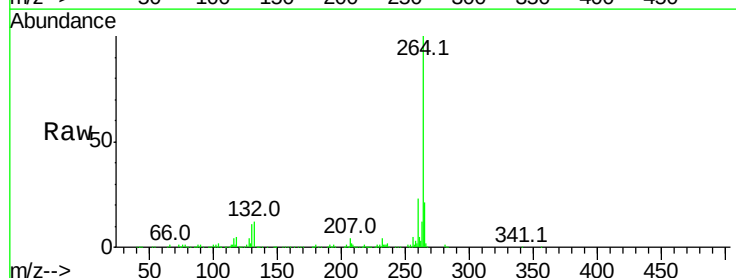
Tgt Ion:264 Resp: 442235

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.0 17.2 25.8



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

