

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027583.D
 Acq On : 22 Jun 2017 6:26
 Operator : SJ/JU
 Sample : PB99997BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 07:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	20522	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	89770	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54255	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	167706	20.00	ng	0.00
75) Chrysene-d12	22.20	240	197739	20.00	ng	-0.01
86) Perylene-d12	25.84	264	187799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	160935	111.61	ng	0.00
7) Phenol-d6	7.64	99	220366	103.23	ng	0.00
23) Nitrobenzene-d5	9.66	82	137845	72.66	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	104940	129.74	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	298533	75.16	ng	0.00
78) Terphenyl-d14	20.42	244	703285	83.80	ng	0.00

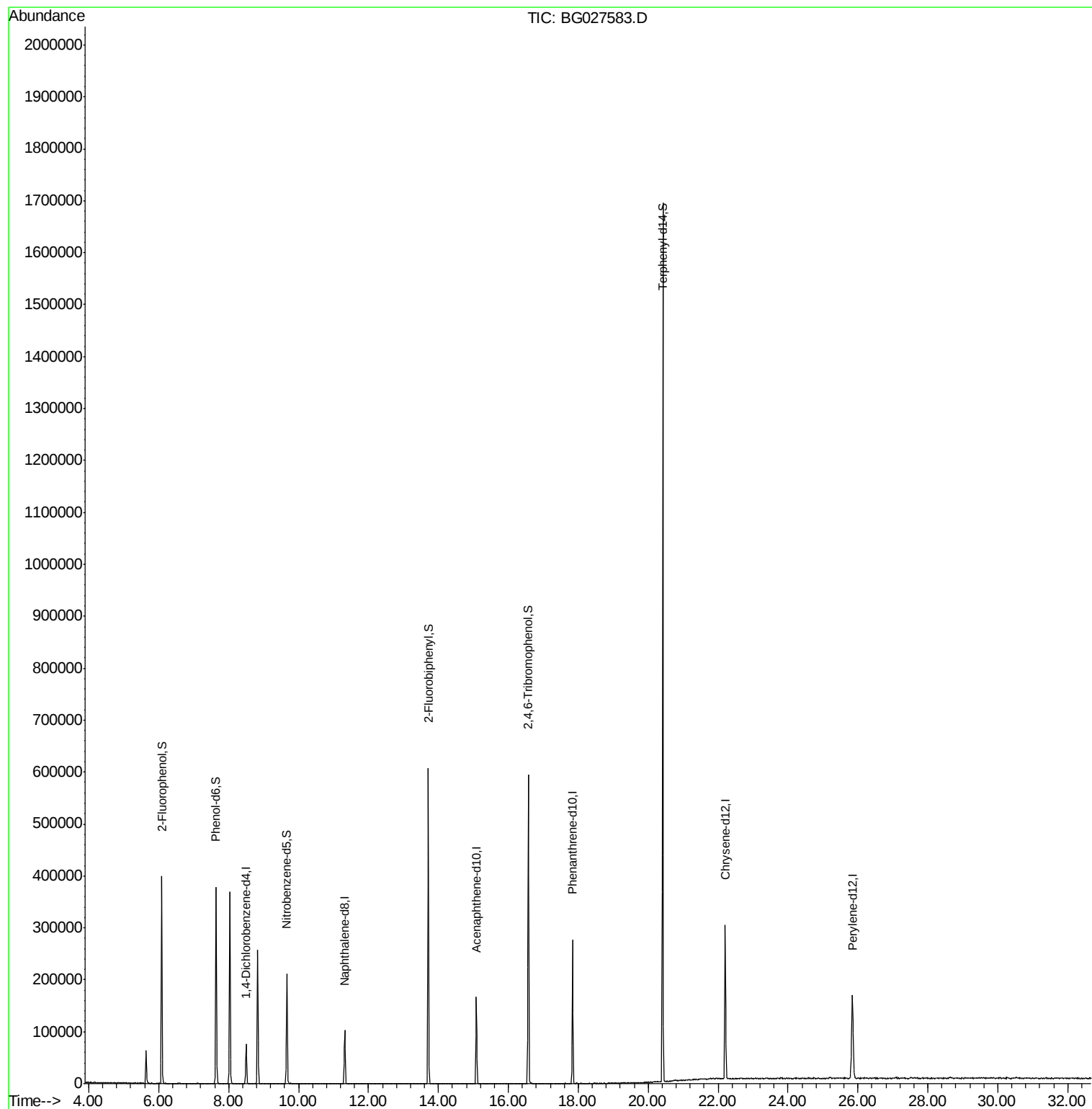
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

Instrument :

BNA_G

ClientSampled :

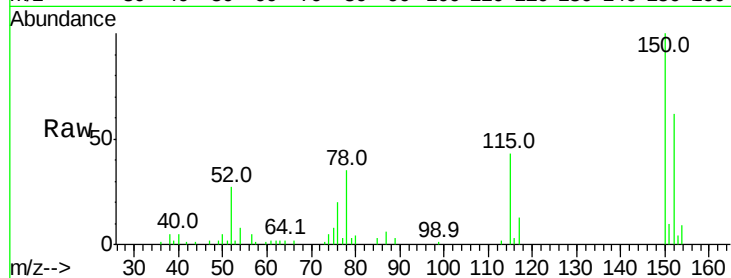
Tot Ion:152 Resp: 20522

Ion Ratio Lower Upper

152 100

150 162.0 114.0 171.0

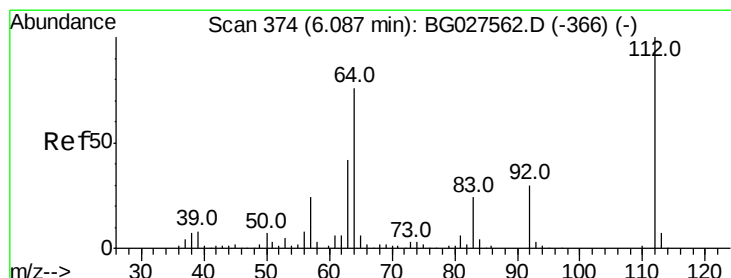
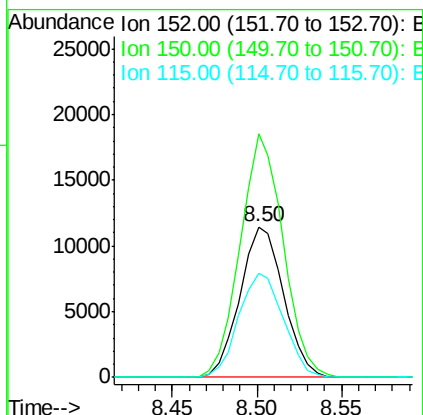
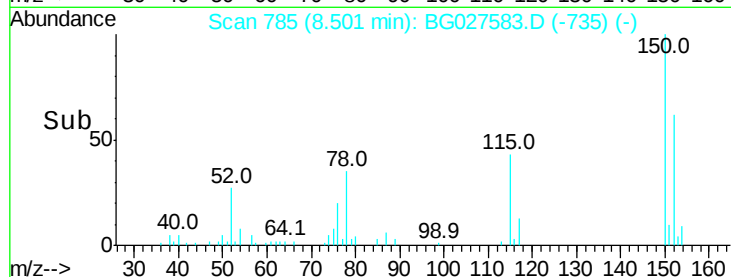
115 69.0 48.1 72.1



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: 111.61 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

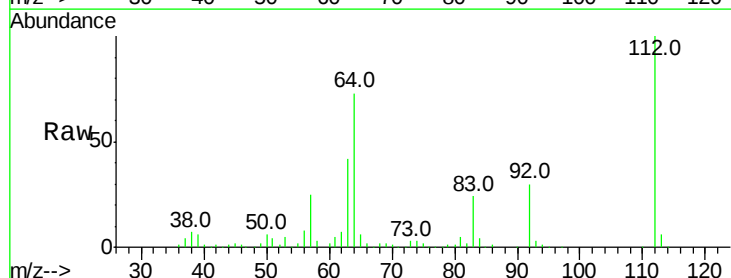
Tgt Ion:112 Resp: 160935

Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

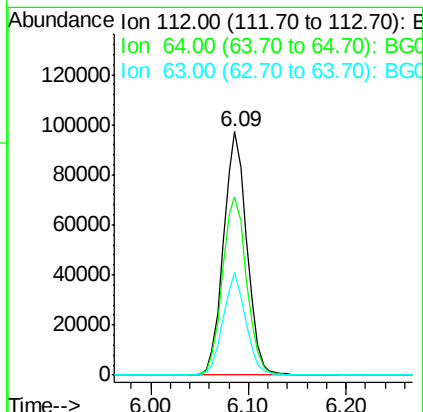
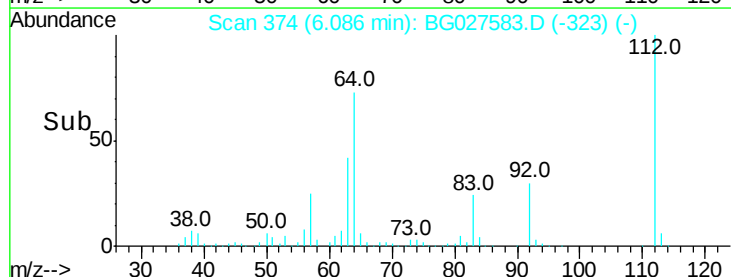
63 42.0 37.2 55.8

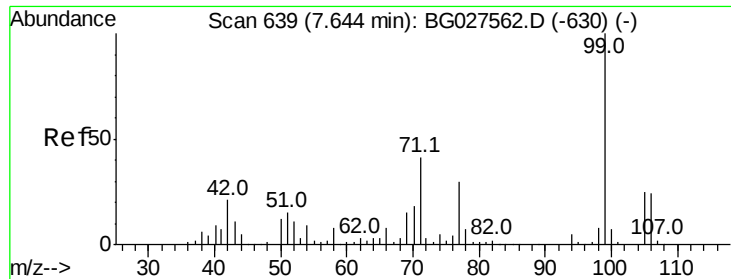


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.23 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

Instrument :

BNA_G

ClientSampleId :

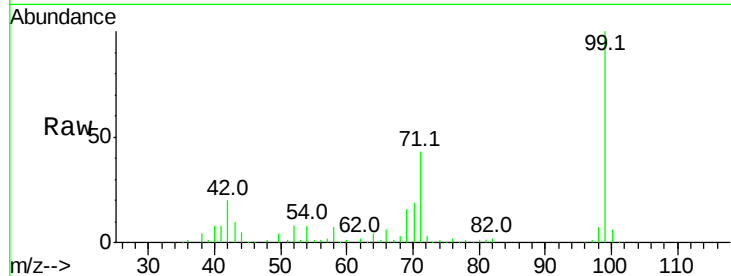
Tot Ion: 99 Resp: 220366

Ion Ratio Lower Upper

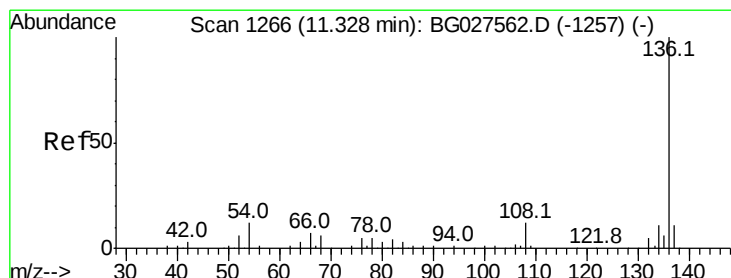
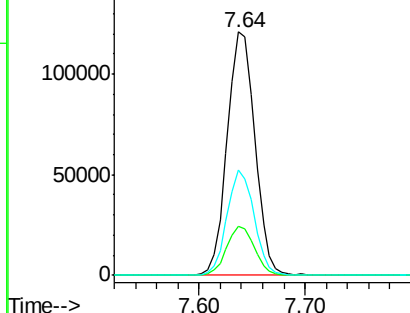
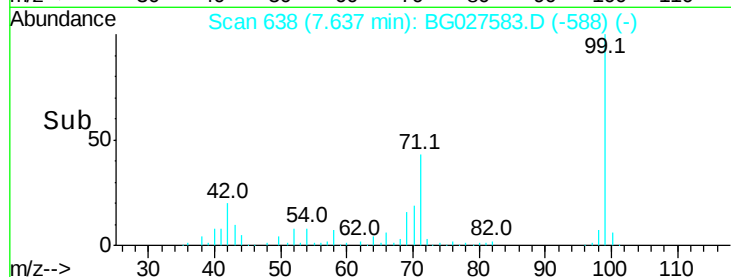
99 100

42 20.3 20.5 30.7#

71 43.1 37.6 56.4



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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

Tgt Ion: 136 Resp: 89770

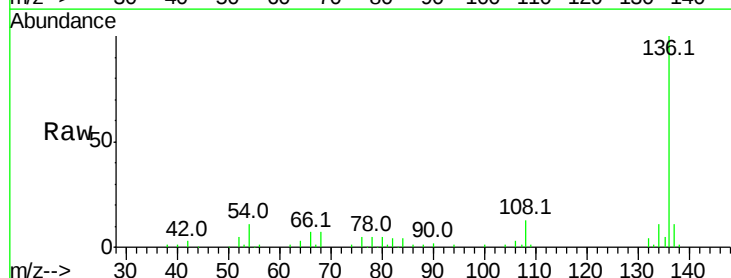
Ion Ratio Lower Upper

136 100

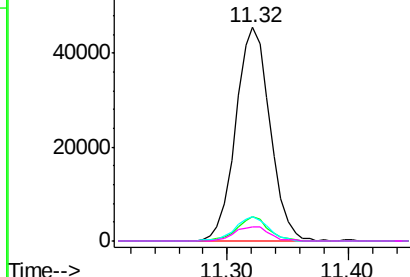
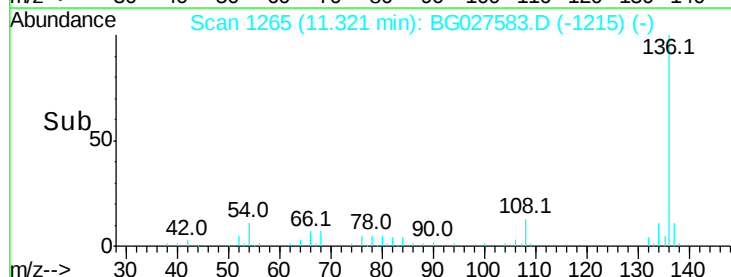
137 11.3 8.9 13.3

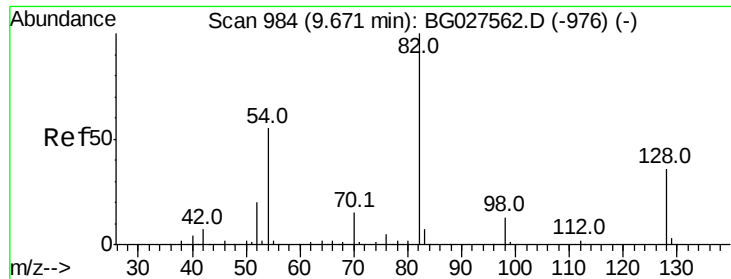
54 11.5 9.3 13.9

68 6.7 5.1 7.7



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

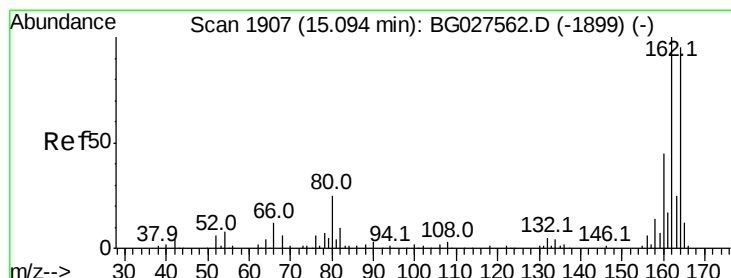
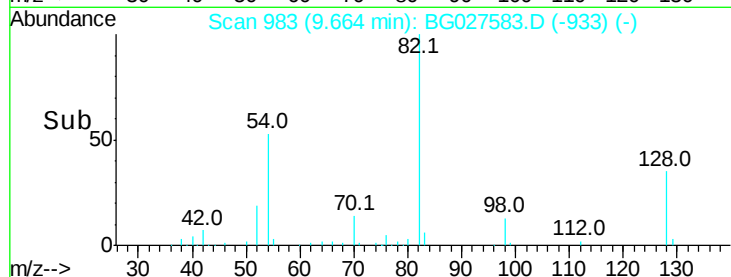
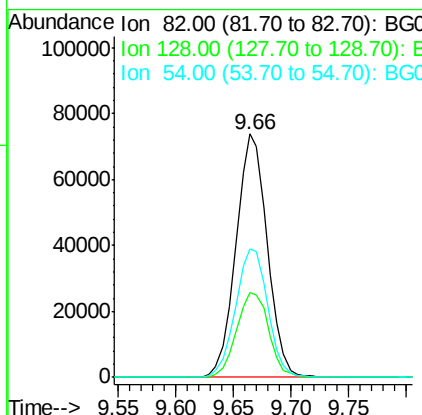
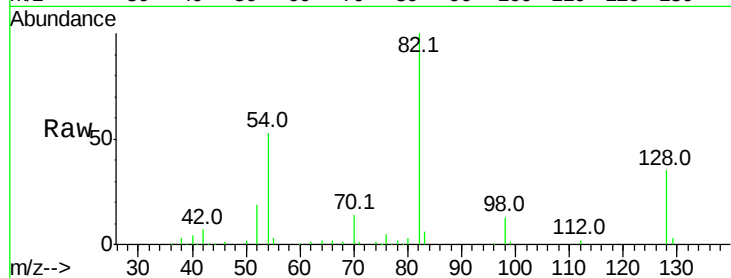




#23
Nitrobenzene-d5
Concen: 72.66 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027583.D
Acq: 22 Jun 2017 6:26

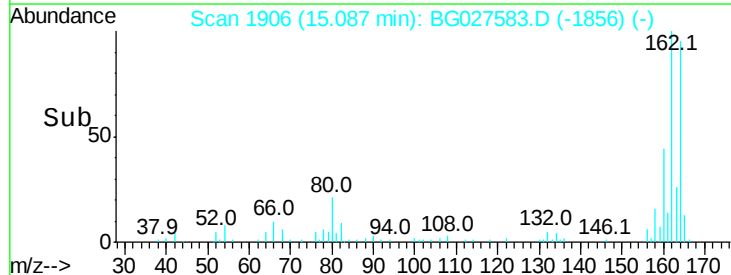
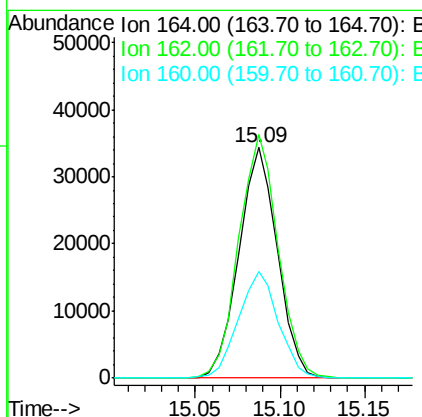
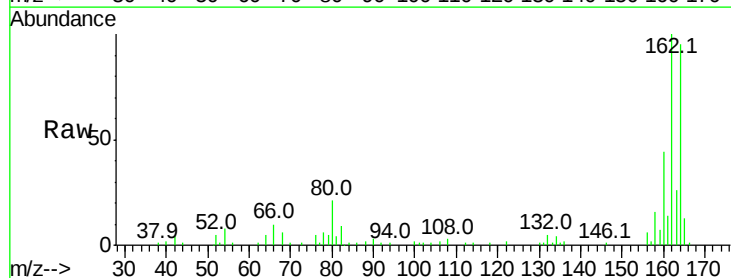
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	137845
Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.4	39.6
54	52.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027583.D
Acq: 22 Jun 2017 6:26

Tgt Ion	164	Resp	54255
Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	46.1	34.7	52.1

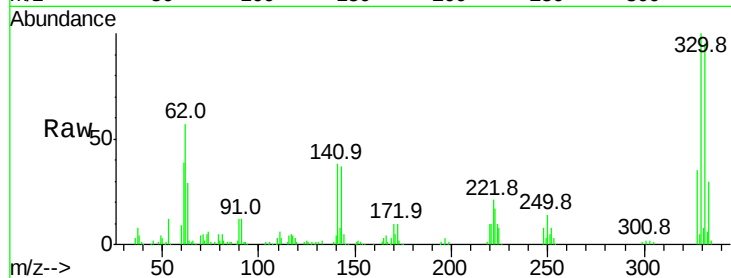




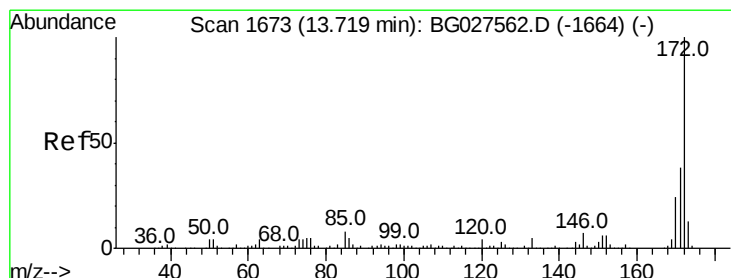
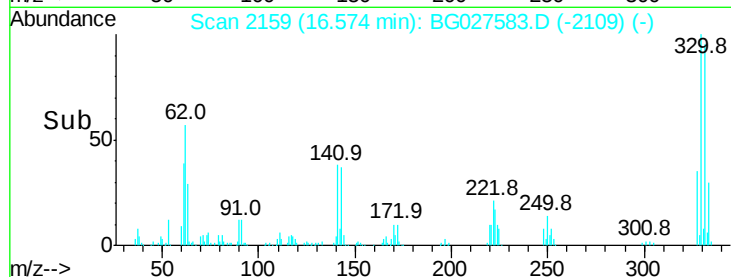
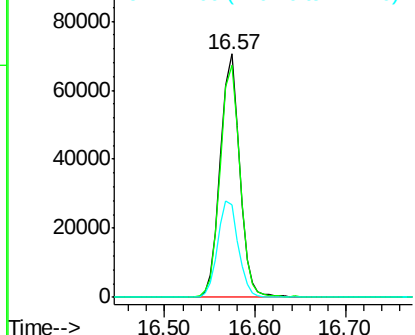
#41
 2,4,6-Tribromophenol
 Concen: 129.74 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027583.D
 Acq: 22 Jun 2017 6:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	41.6	32.1	48.1

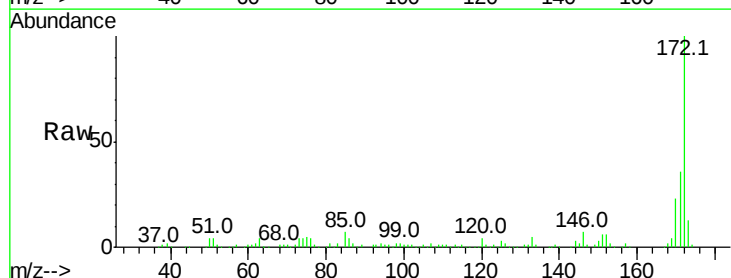


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

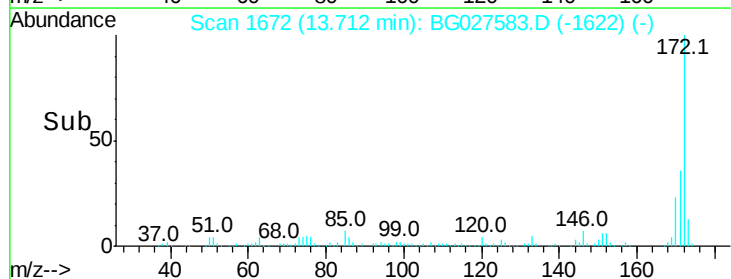
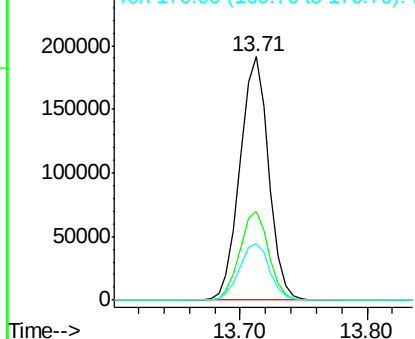


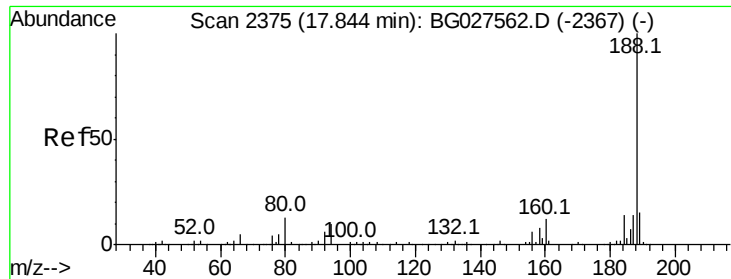
#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027583.D
 Acq: 22 Jun 2017 6:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.4	21.8	32.6



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

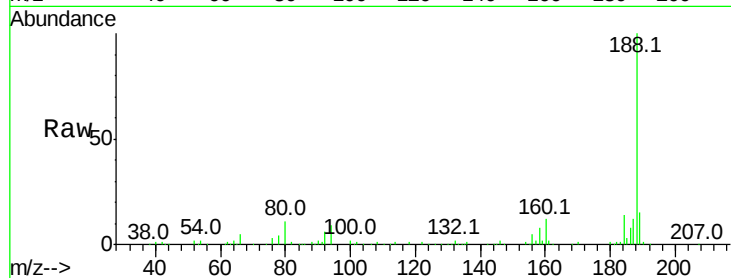




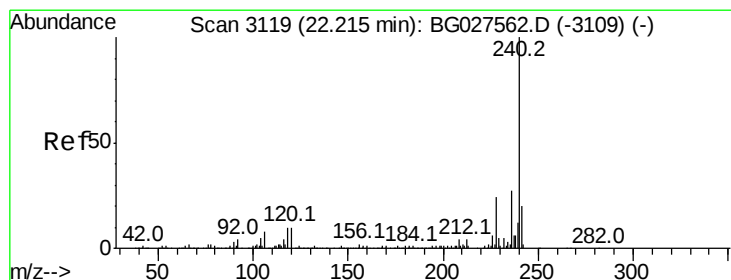
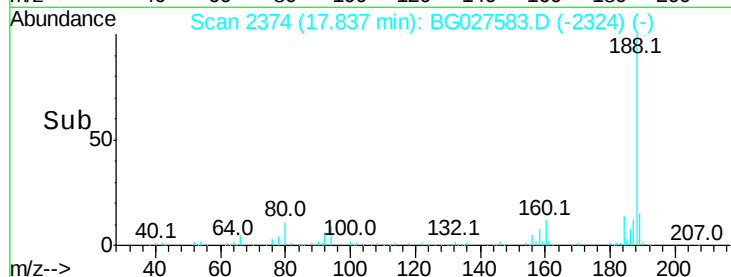
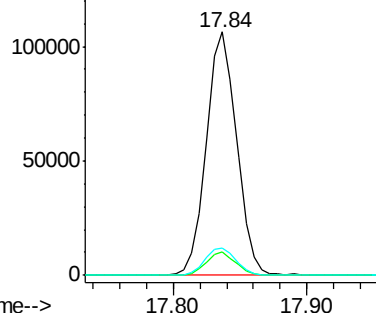
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027583.D
Acq: 22 Jun 2017 6:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 167706
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 11.0 7.5 11.3

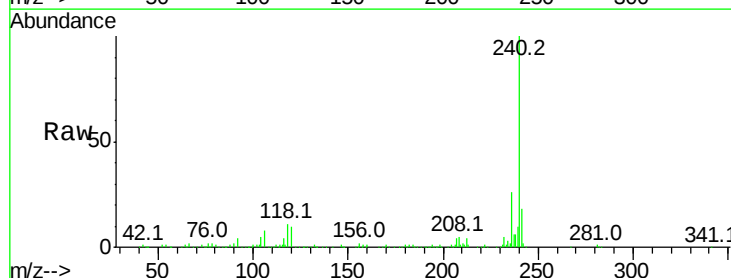


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

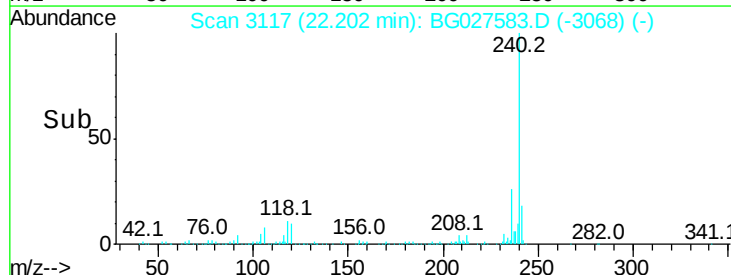
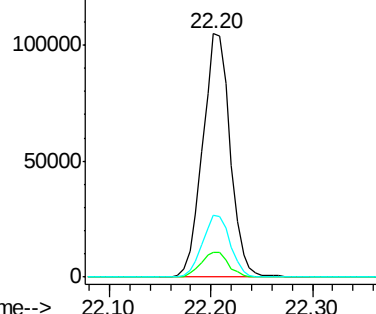


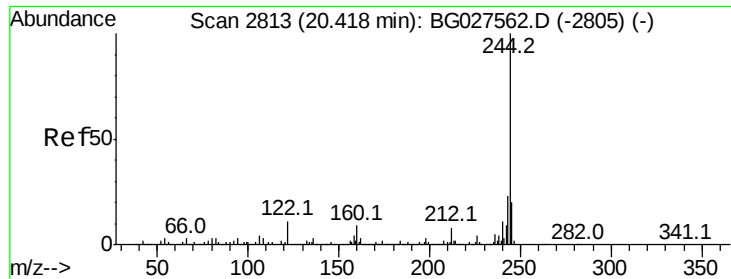
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027583.D
Acq: 22 Jun 2017 6:26

Tgt Ion:240 Resp: 197739
Ion Ratio Lower Upper
240 100
120 10.2 5.7 8.5#
236 25.6 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: 83.80 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

Instrument :

BNA_G

ClientSampleId :

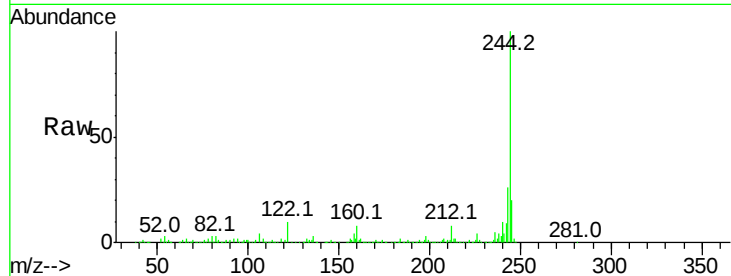
Tot Ion:244 Resp: 703285

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

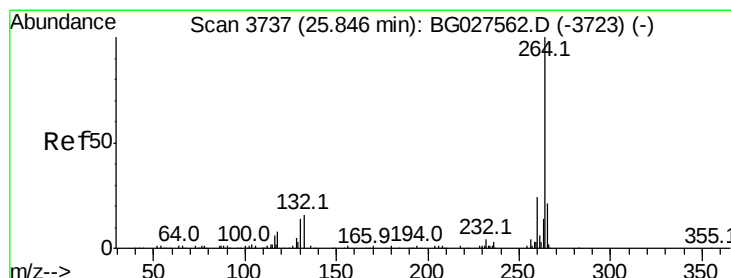
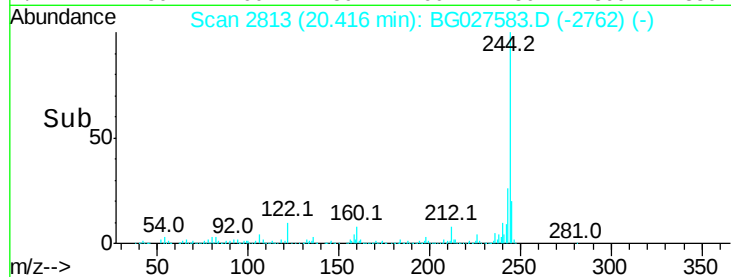
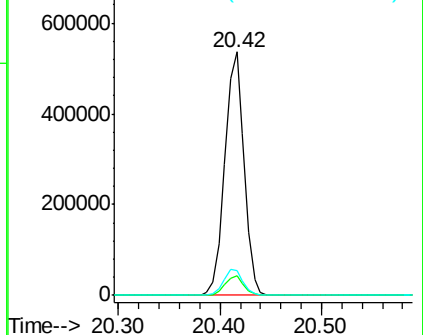
122 10.4 8.6 12.8



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: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027583.D

Acq: 22 Jun 2017 6:26

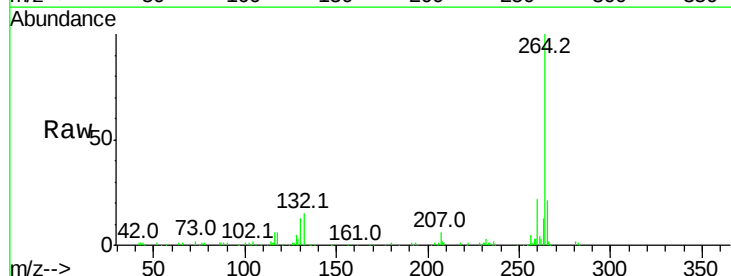
Tgt Ion:264 Resp: 187799

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 21.4 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

