

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027587.D
 Acq On : 22 Jun 2017 9:03
 Operator : SJ/JU
 Sample : I3799-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:20:51 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

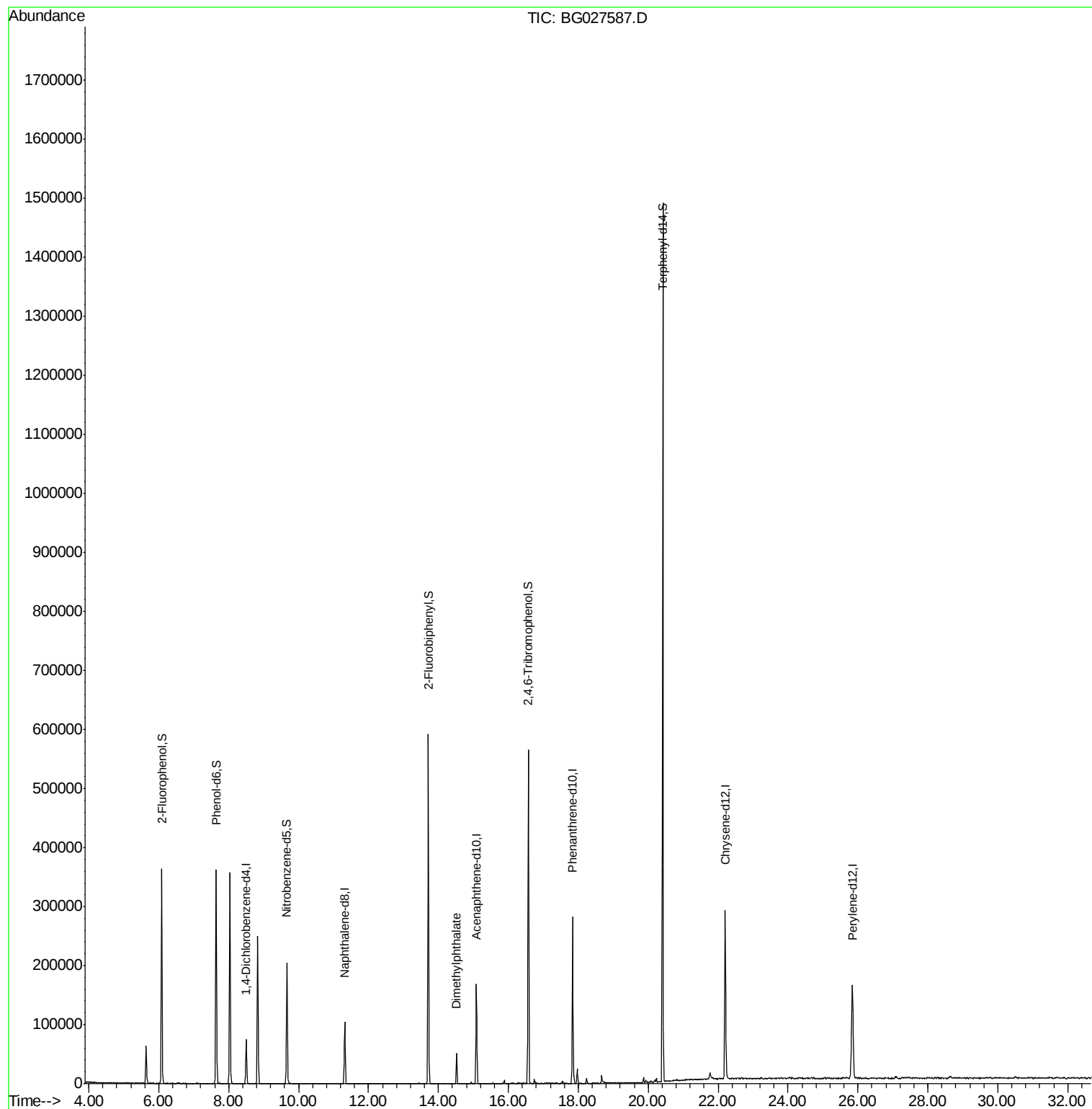
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19921	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	89316	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56617	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	169559	20.00	ng	0.00
75) Chrysene-d12	22.20	240	195425	20.00	ng	-0.01
86) Perylene-d12	25.84	264	189489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	148956	106.42	ng	0.00
7) Phenol-d6	7.64	99	208128	100.44	ng	0.00
23) Nitrobenzene-d5	9.66	82	132121	70.00	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	101320	120.04	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	294463	71.04	ng	0.00
78) Terphenyl-d14	20.42	244	654783	78.94	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.52	163	32225	6.50	ng	97

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

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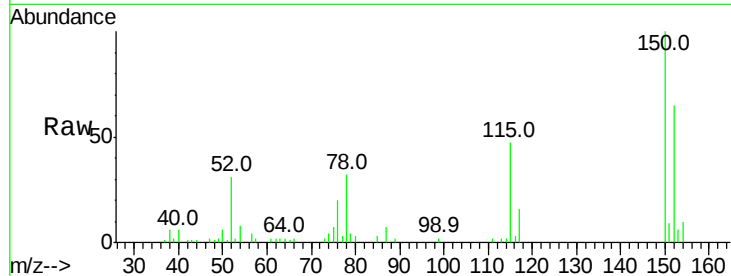


#1

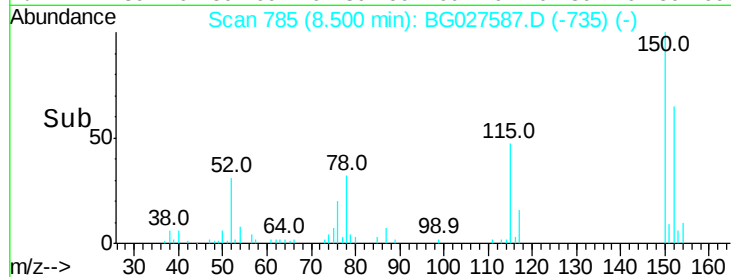
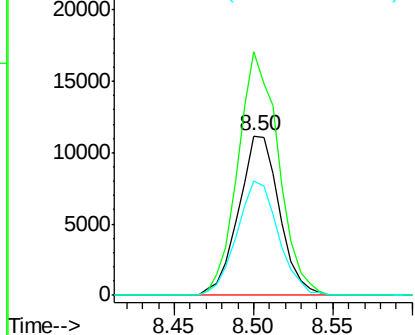
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027587.D
Acq: 22 Jun 2017 9:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19921
Ion Ratio Lower Upper
152 100
150 152.9 114.0 171.0
115 71.6 48.1 72.1



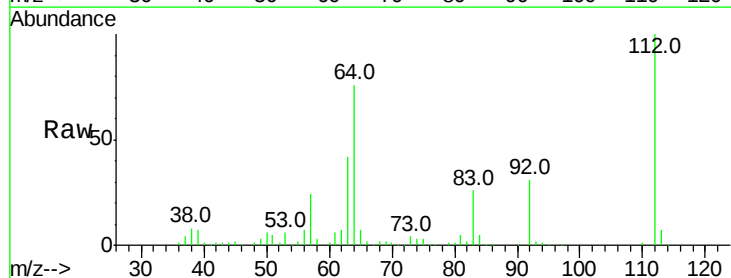
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



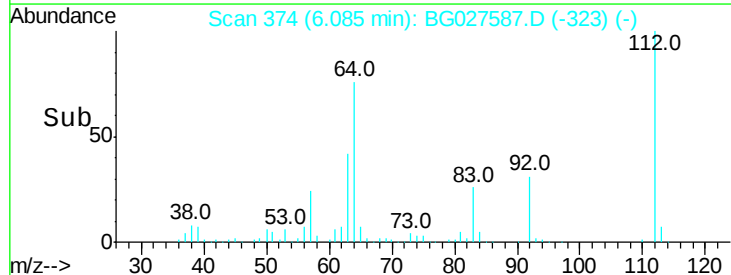
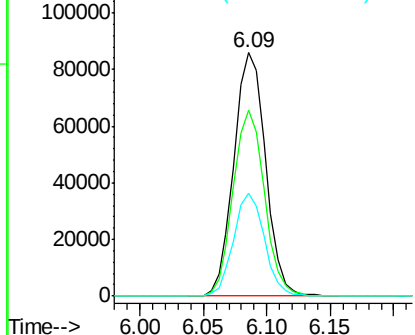
#5

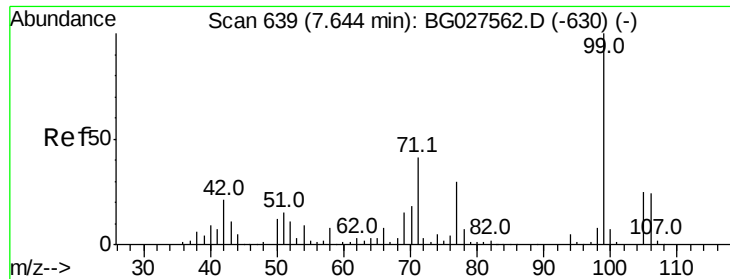
2-Fluorophenol
Concen: 106.42 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027587.D
Acq: 22 Jun 2017 9:03

Tgt Ion:112 Resp: 148956
Ion Ratio Lower Upper
112 100
64 76.5 61.8 92.6
63 42.4 37.2 55.8



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: 100.44 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027587.D

Acq: 22 Jun 2017 9:03

Instrument :

BNA_G

ClientSampleId :

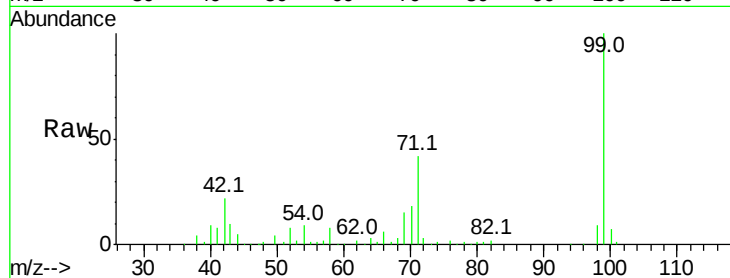
Tot Ion: 99 Resp: 208128

Ion Ratio Lower Upper

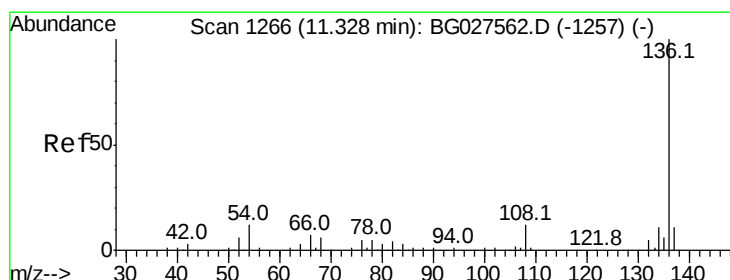
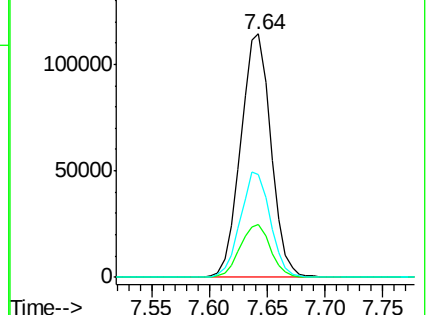
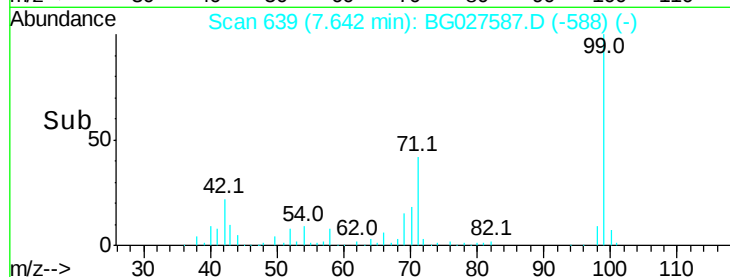
99 100

42 21.6 20.5 30.7

71 42.1 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: BG027587.D

Acq: 22 Jun 2017 9:03

Tgt Ion: 136 Resp: 89316

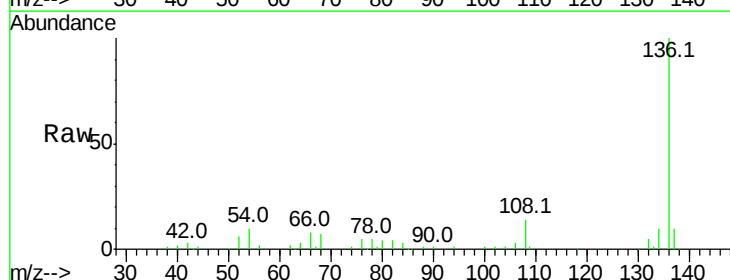
Ion Ratio Lower Upper

136 100

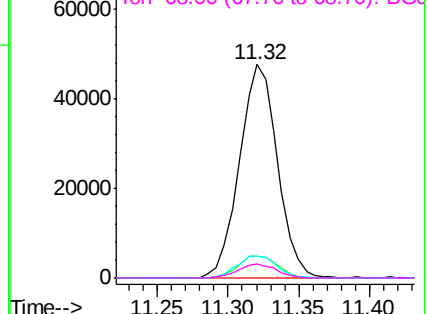
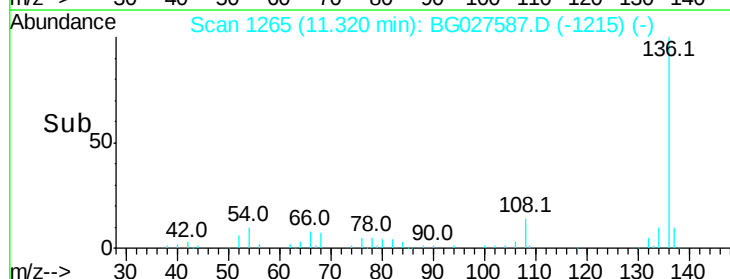
137 10.5 8.9 13.3

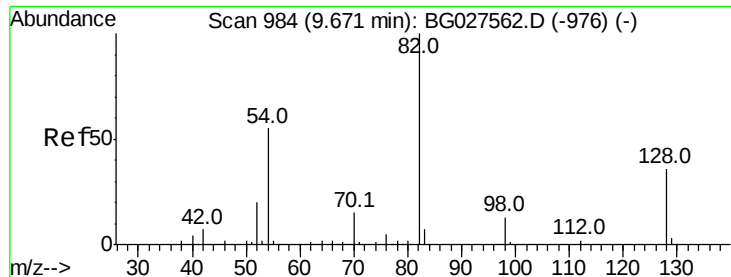
54 10.1 9.3 13.9

68 6.9 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

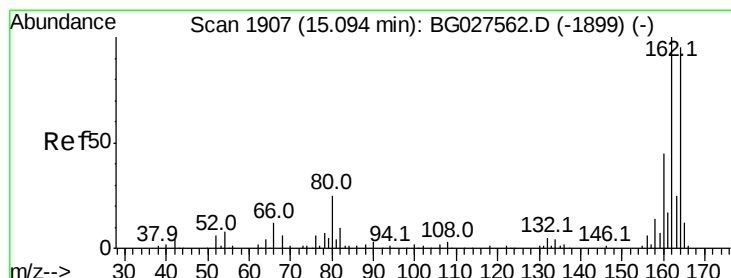
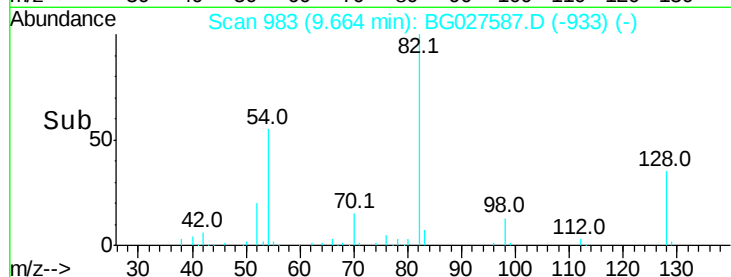
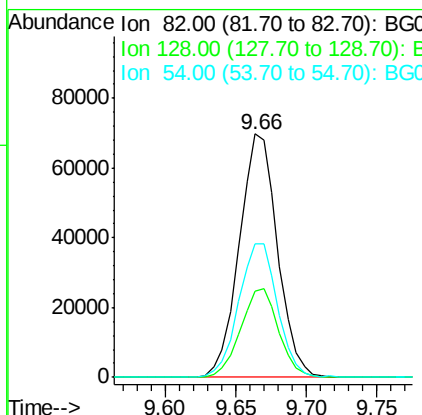
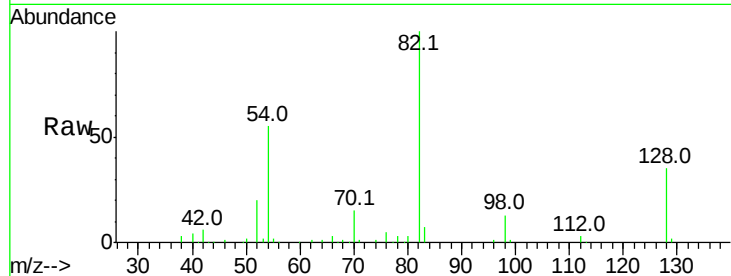




#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027587.D
 Acq: 22 Jun 2017 9:03

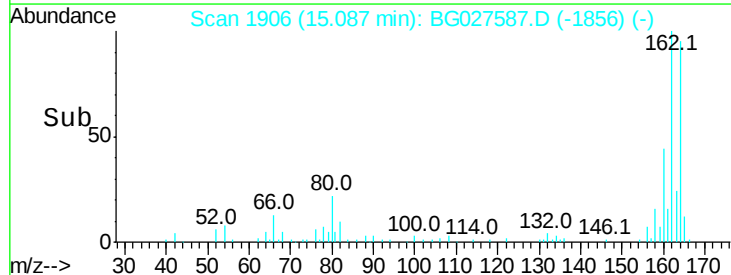
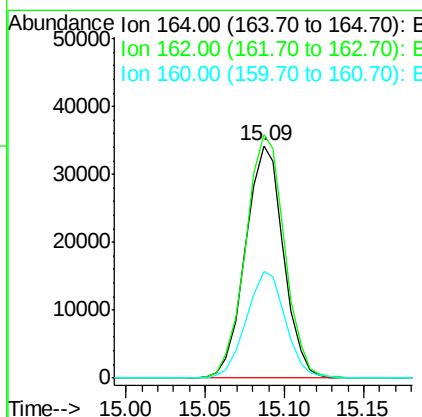
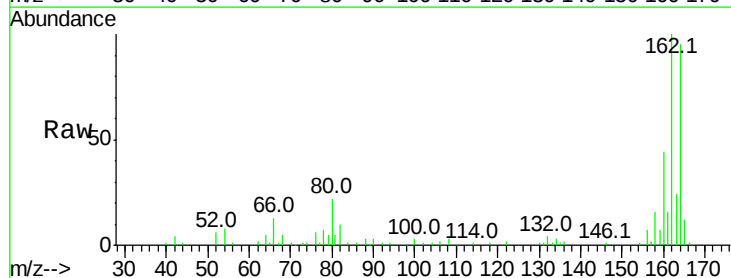
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	132121
Ion Ratio	Lower	Upper	
82	100		
128	35.4	26.4	39.6
54	54.8	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: BG027587.D
 Acq: 22 Jun 2017 9:03

Tgt Ion	164	Resp	56617
Ion Ratio	Lower	Upper	
164	100		
162	104.8	85.1	127.7
160	45.8	34.7	52.1

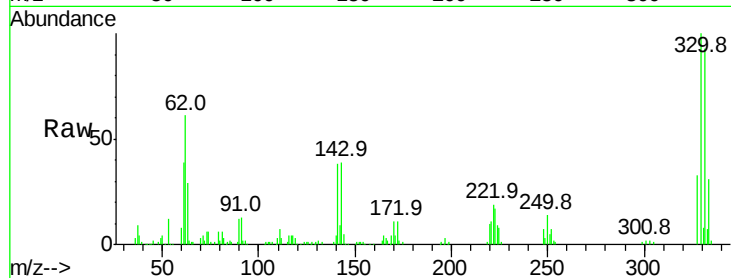




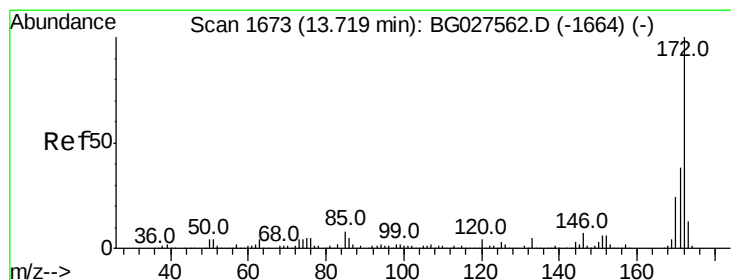
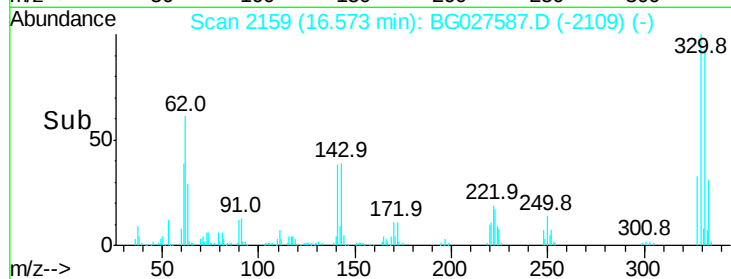
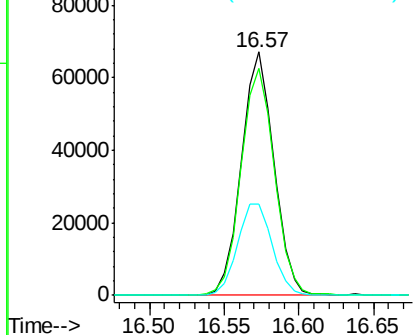
#41
 2,4,6-Tribromophenol
 Concen: 120.04 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027587.D
 Acq: 22 Jun 2017 9:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	40.4	32.1	48.1

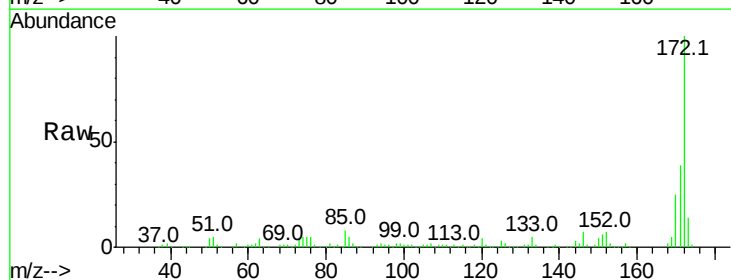


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

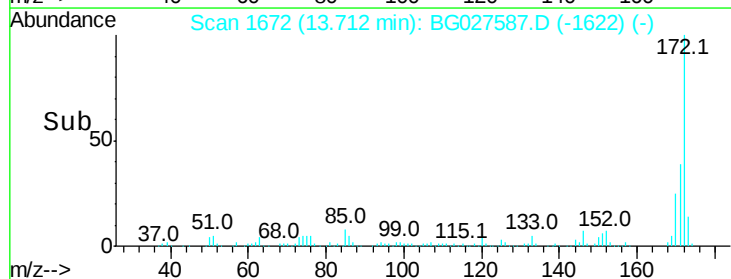
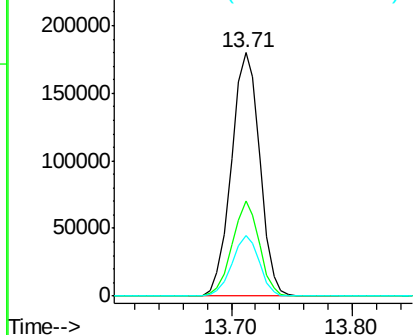


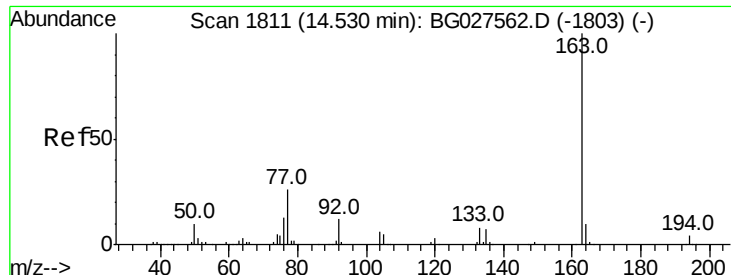
#44
 2-Fluorobiphenyl
 Concen: 71.04 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027587.D
 Acq: 22 Jun 2017 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	24.9	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





#49

Dimethylphthalate

Concen: 6.50 ng

RT: 14.52 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG027587.D

Acq: 22 Jun 2017 9:03

Instrument :

BNA_G

ClientSampled :

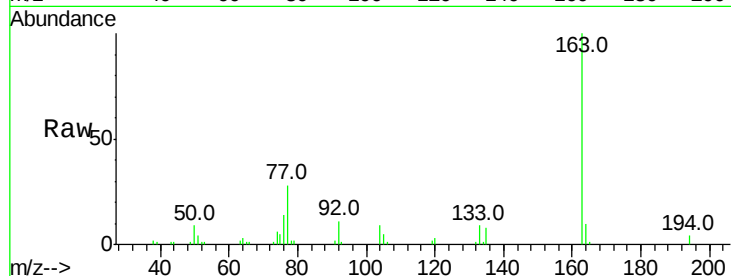
Tot Ion:163 Resp: 32225

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

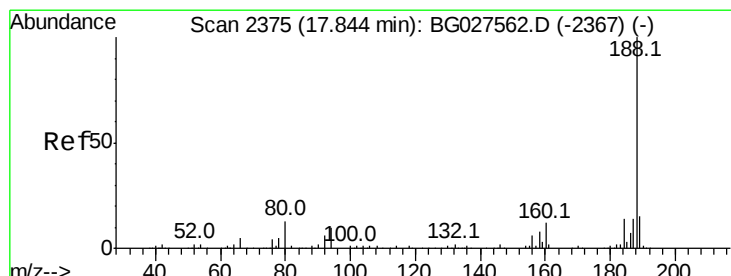
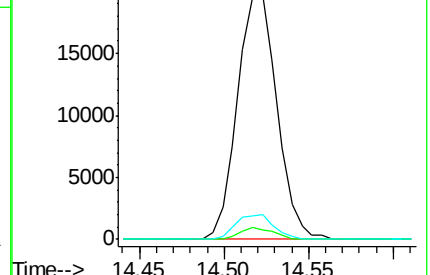
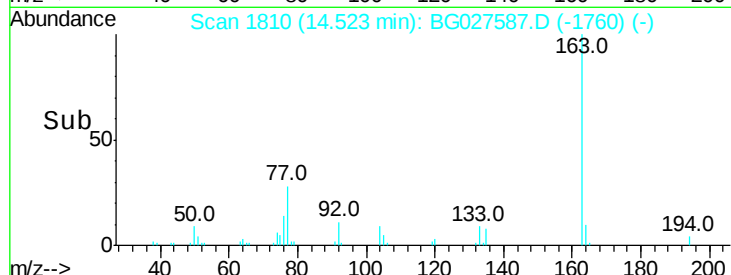
164 10.1 9.3 13.9



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: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027587.D

Acq: 22 Jun 2017 9:03

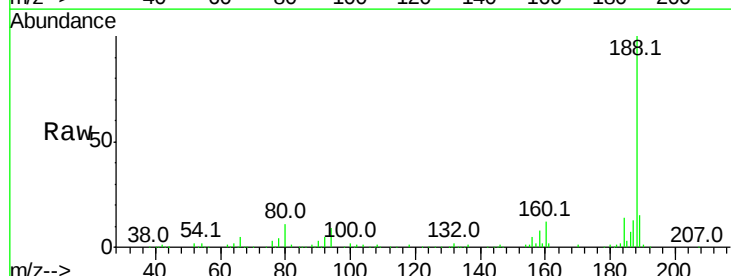
Tgt Ion:188 Resp: 169559

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

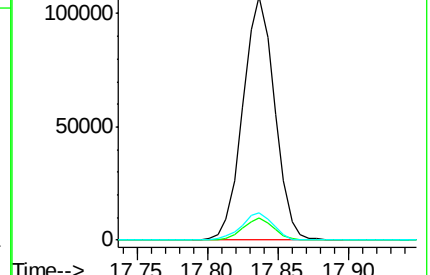
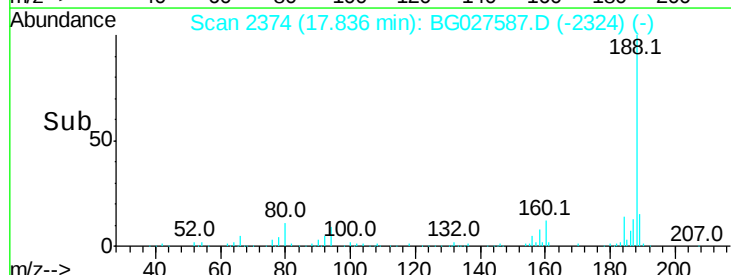
80 11.0 7.5 11.3

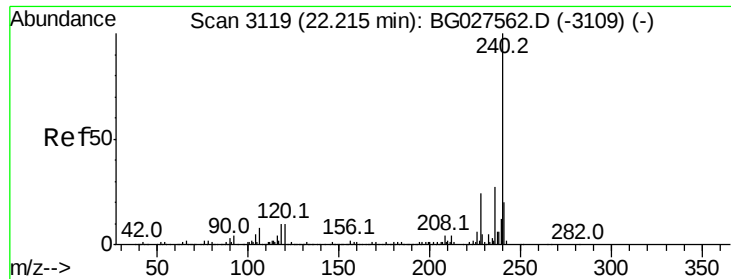


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG027587.D

Acq: 22 Jun 2017 9:03

Instrument :

BNA_G

ClientSampled :

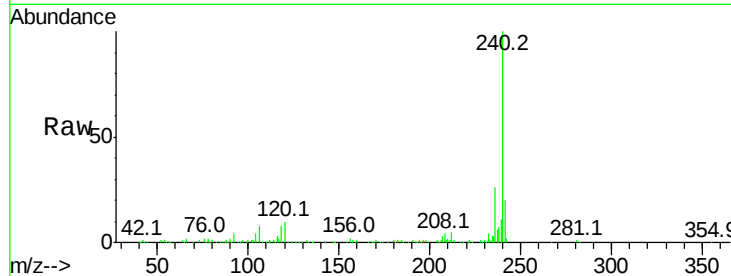
Tot Ion:240 Resp: 195425

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

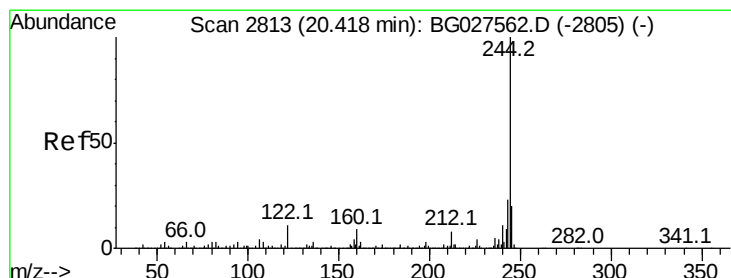
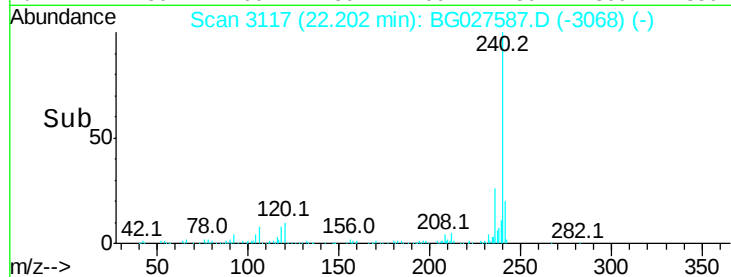
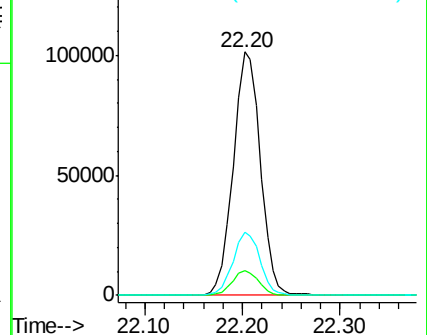
236 25.9 22.2 33.4



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: 78.94 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027587.D

Acq: 22 Jun 2017 9:03

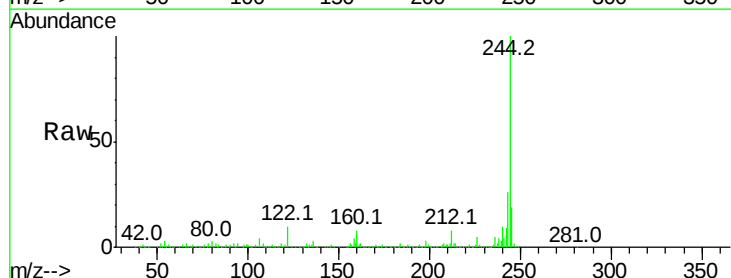
Tgt Ion:244 Resp: 654783

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

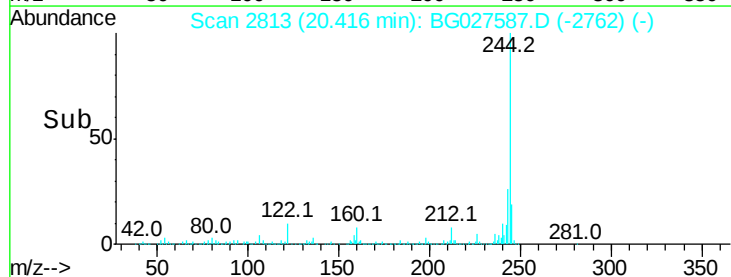
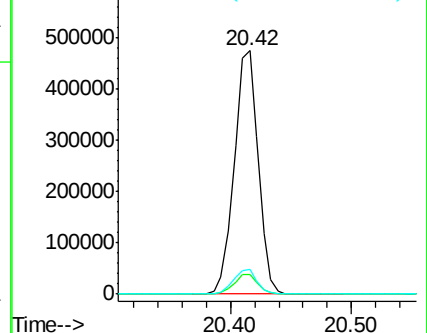
122 10.4 8.6 12.8

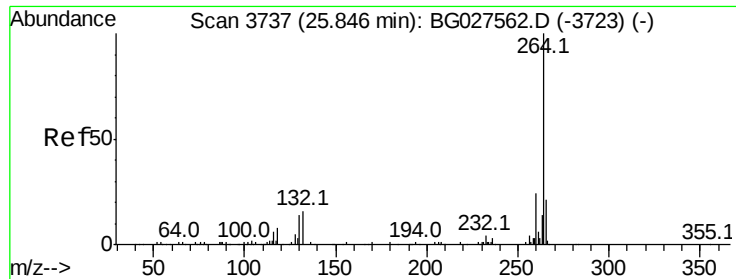


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

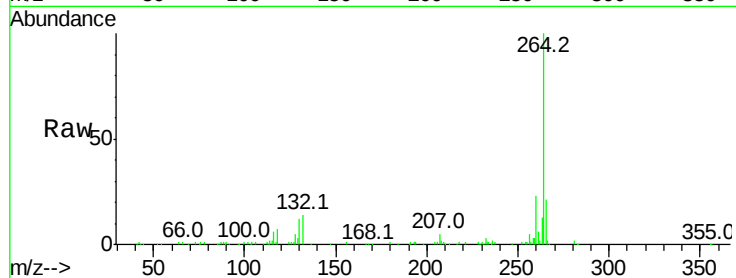




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027587.D
 Acq: 22 Jun 2017 9:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	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

