

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031537.D
 Acq On : 13 Dec 2017 20:59
 Operator : SJ/JU
 Sample : I6878-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 00:29:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

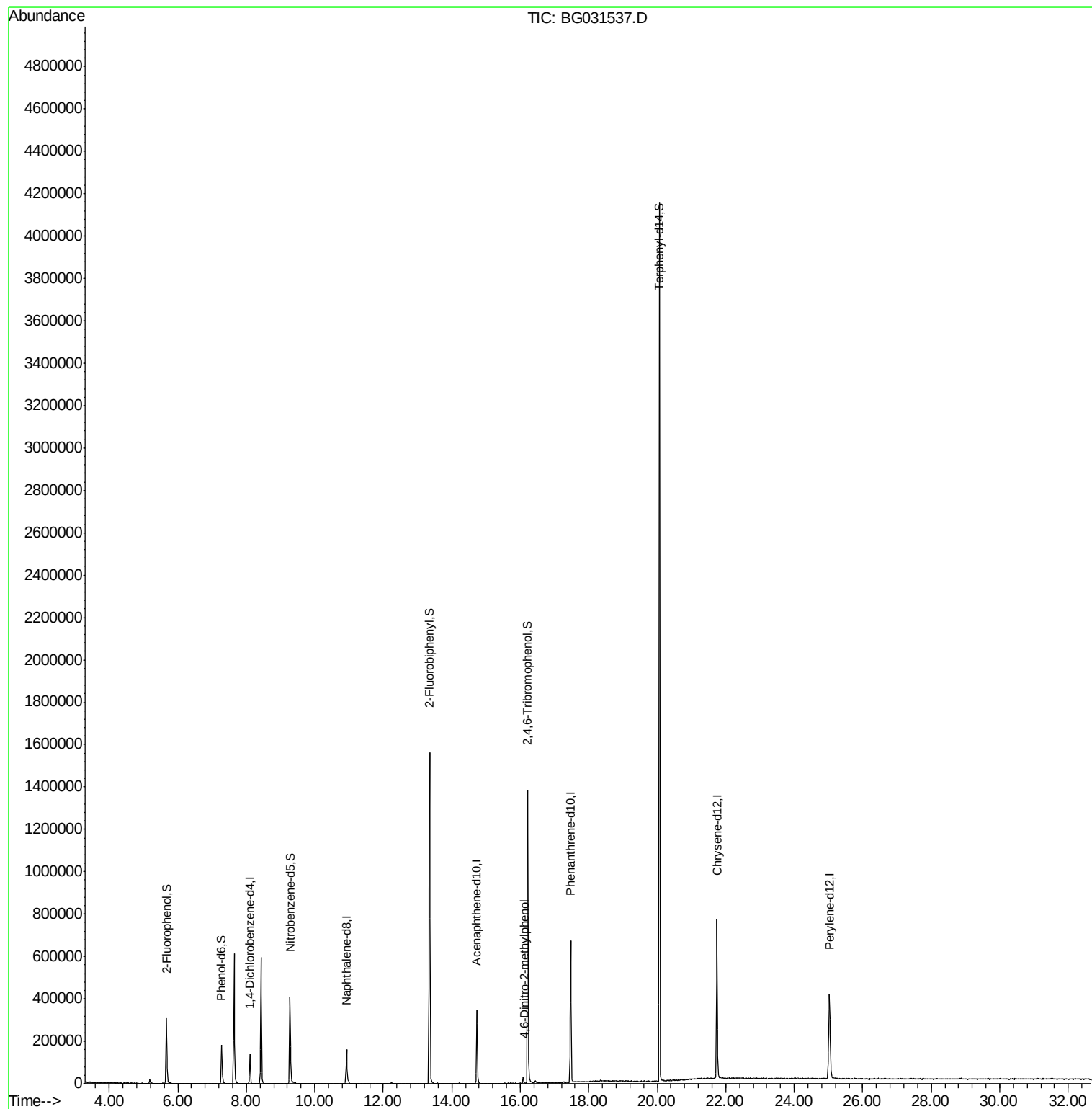
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44895	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	191734	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	144921	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	435472	20.00	ng	0.00
75) Chrysene-d12	21.74	240	498054	20.00	ng	0.00
86) Perylene-d12	25.03	264	479912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	160300	63.29	ng	0.00
7) Phenol-d6	7.28	99	132826	37.78	ng	0.00
23) Nitrobenzene-d5	9.28	82	292062	93.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	289396	170.45	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	919256	93.11	ng	0.00
78) Terphenyl-d14	20.06	244	1995641	91.16	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	16.12	198	54	4.927	ng	Qvalue # 1

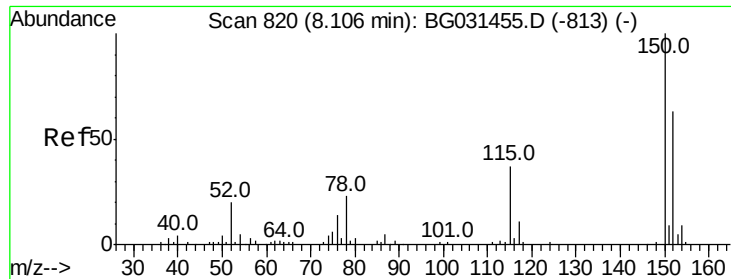
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



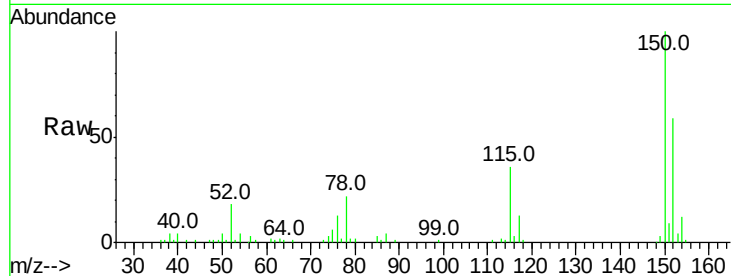


#1

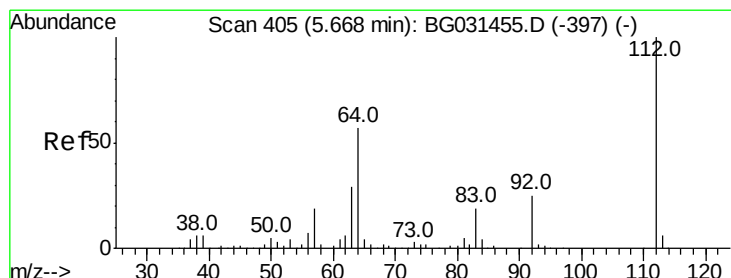
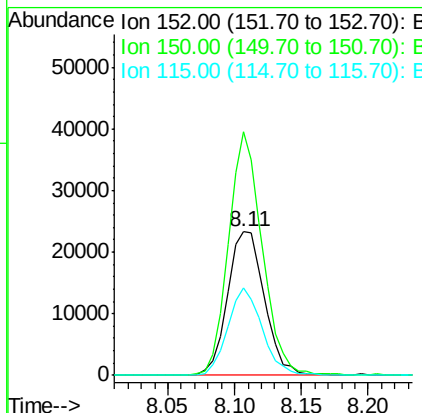
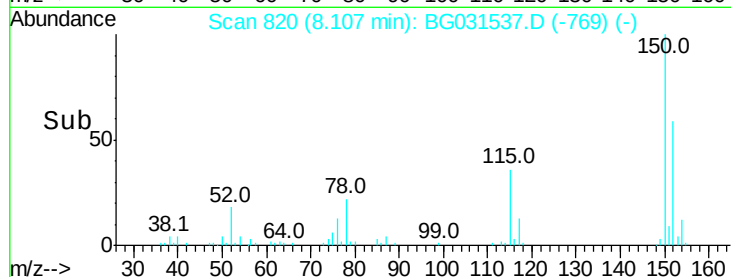
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031537.D
Acq: 13 Dec 2017 20:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44895
Ion Ratio Lower Upper
152 100
150 169.8 126.6 189.8
115 61.3 53.0 79.4



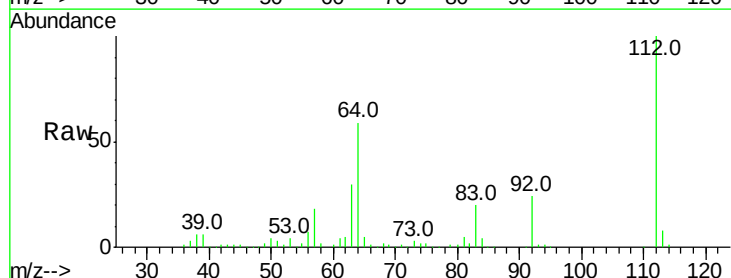
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



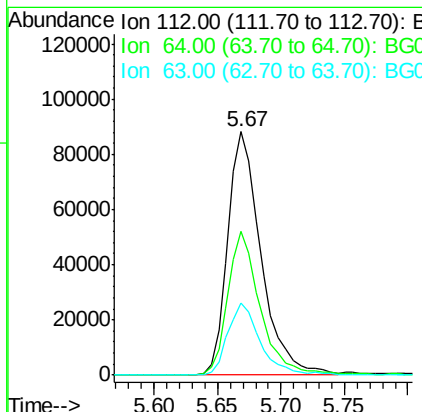
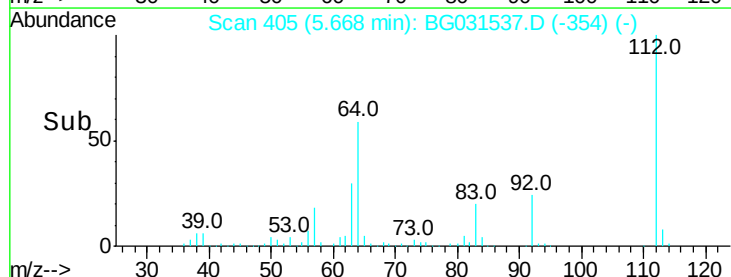
#5

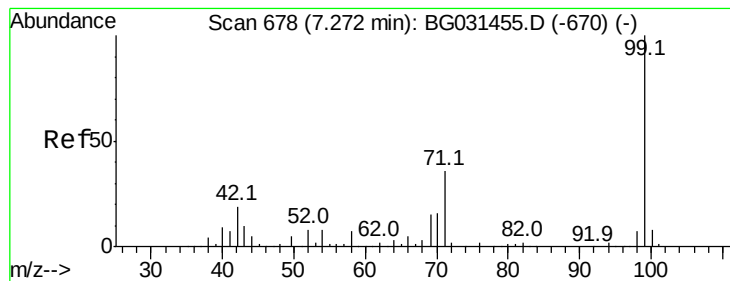
2-Fluorophenol
Concen: 63.289 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031537.D
Acq: 13 Dec 2017 20:59

Tgt Ion:112 Resp: 160300
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 29.5 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: 37.776 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031537.D

Acq: 13 Dec 2017 20:59

Instrument :

BNA_G

ClientSampleId :

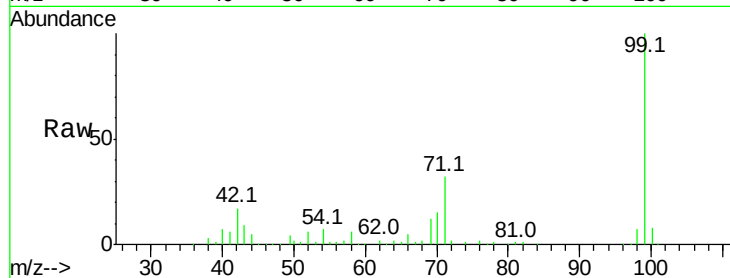
Tot Ion: 99 Resp: 132826

Ion Ratio Lower Upper

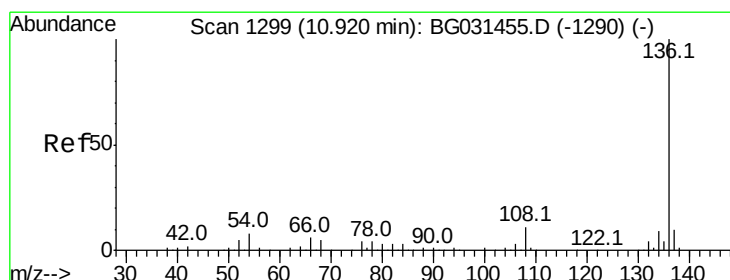
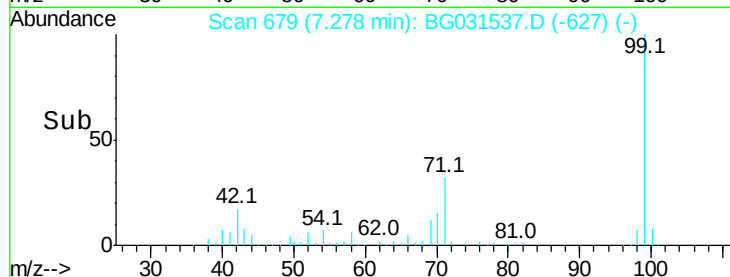
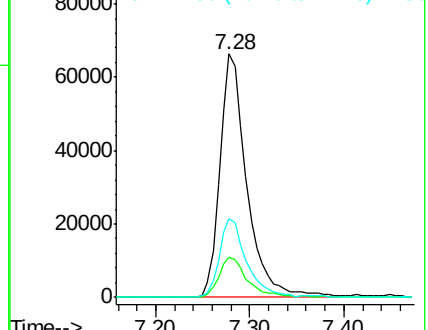
99 100

42 16.6 14.1 21.1

71 32.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031537.D

Acq: 13 Dec 2017 20:59

Tgt Ion: 136 Resp: 191734

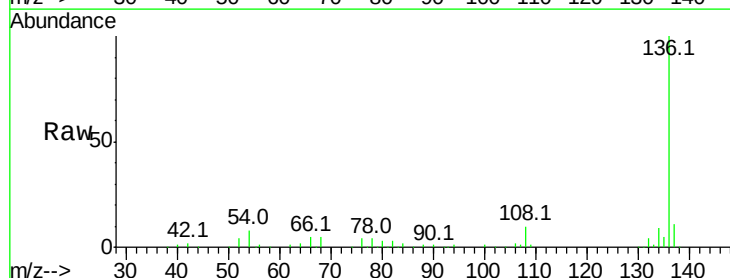
Ion Ratio Lower Upper

136 100

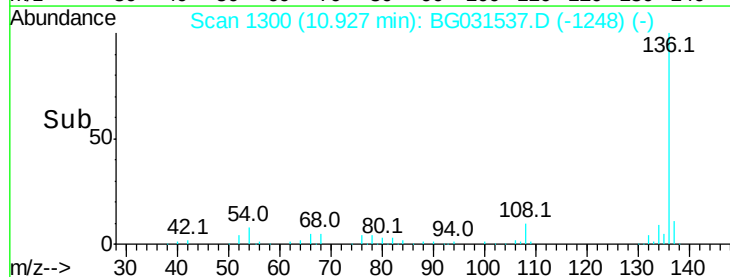
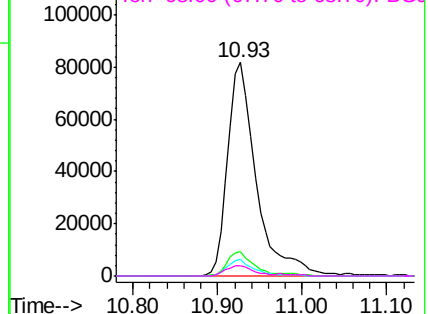
137 11.4 9.2 13.8

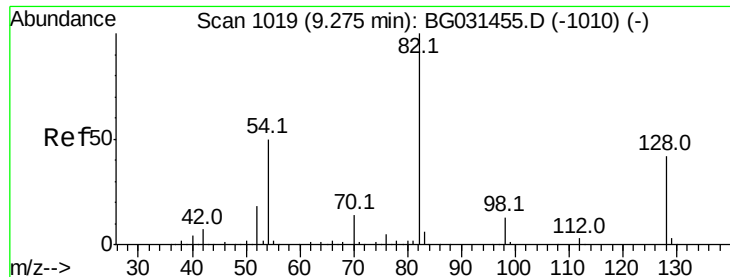
54 7.6 10.3 15.5#

68 4.8 4.5 6.7



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

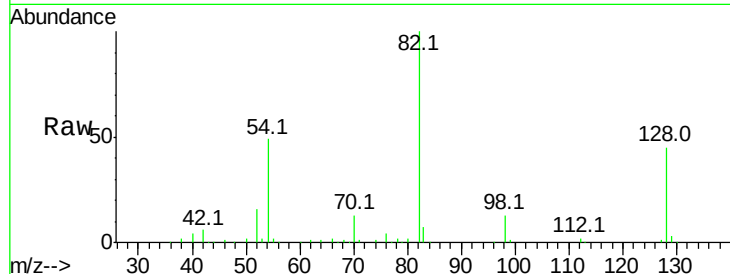




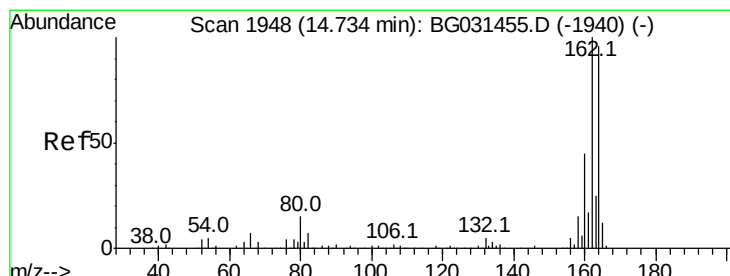
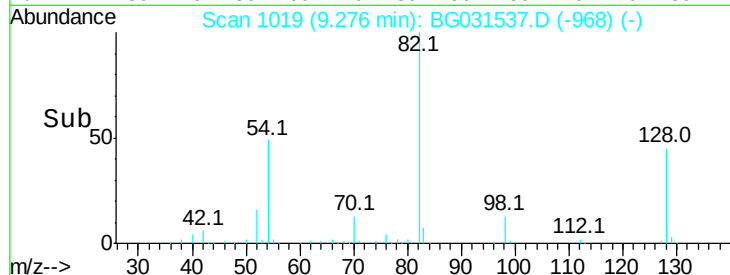
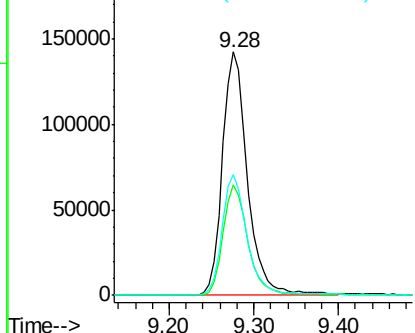
#23
 Nitrobenzene-d5
 Concen: 93.889 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031537.D
 Acq: 13 Dec 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	49.4	43.1	64.7

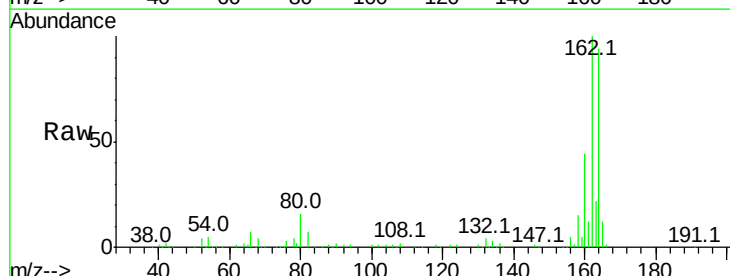


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

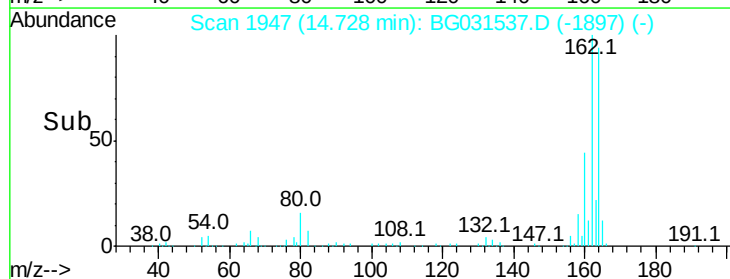
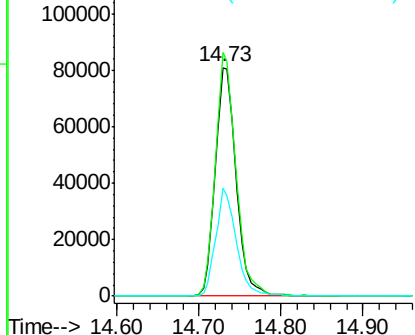


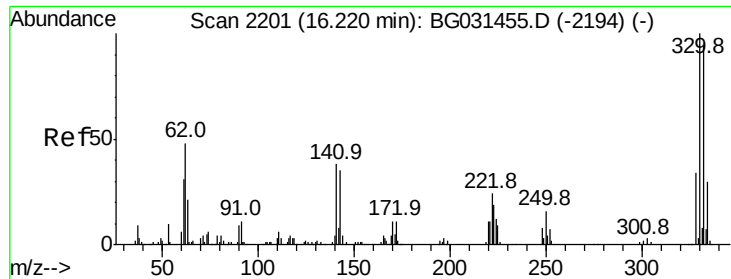
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG031537.D
 Acq: 13 Dec 2017 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	47.0	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

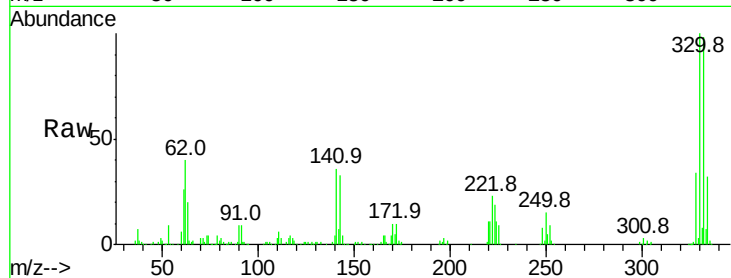




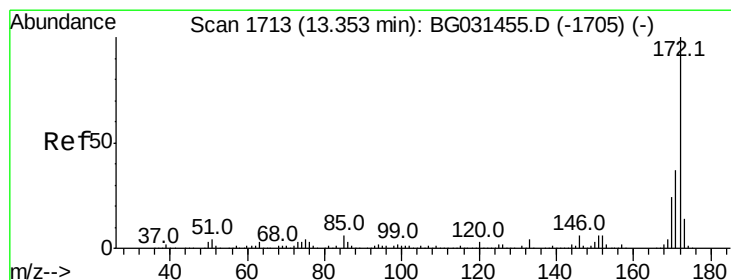
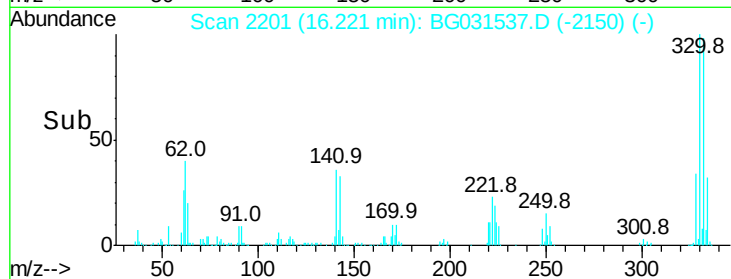
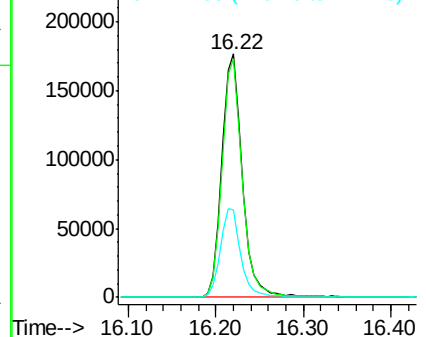
#41
 2,4,6-Tribromophenol
 Concen: 170.452 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031537.D
 Acq: 13 Dec 2017 20:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.4	25.2	37.8

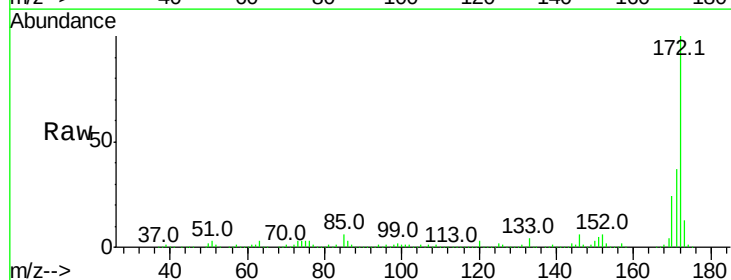


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

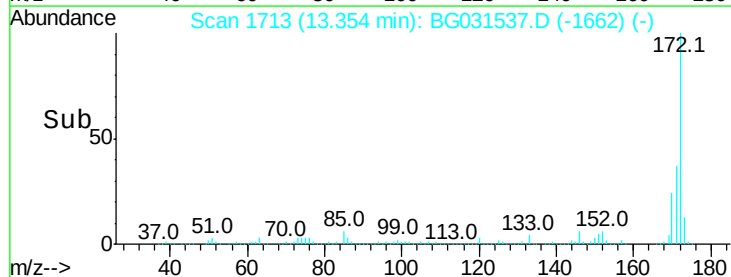
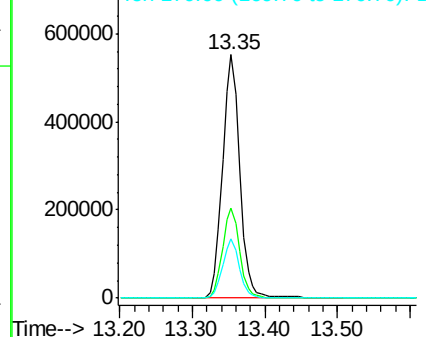


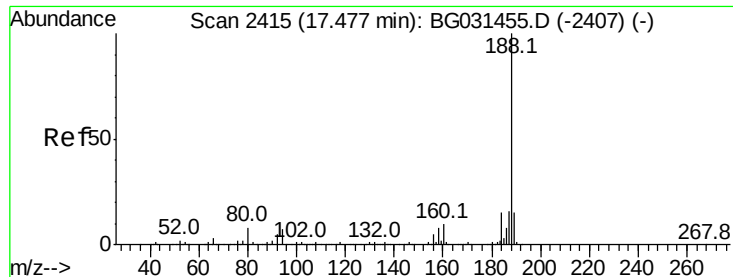
#44
 2-Fluorobiphenyl
 Concen: 93.109 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031537.D
 Acq: 13 Dec 2017 20:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	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

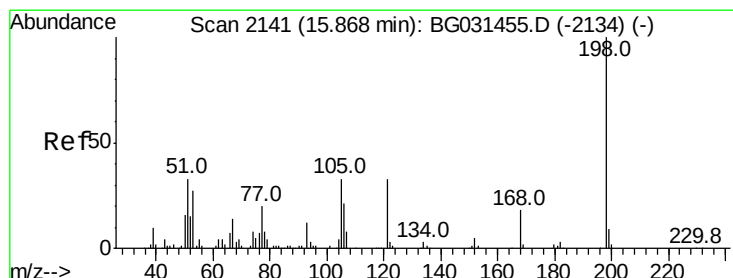
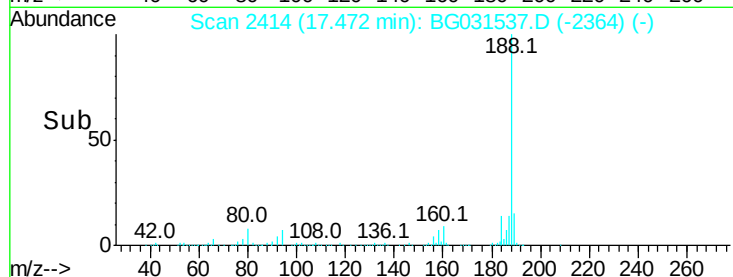
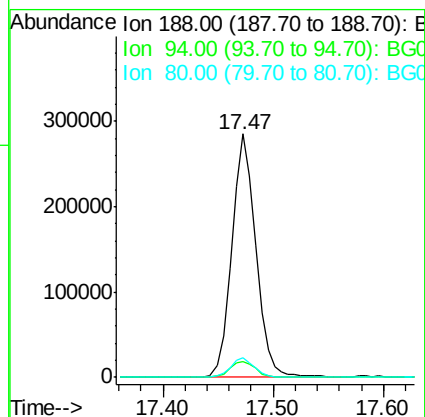
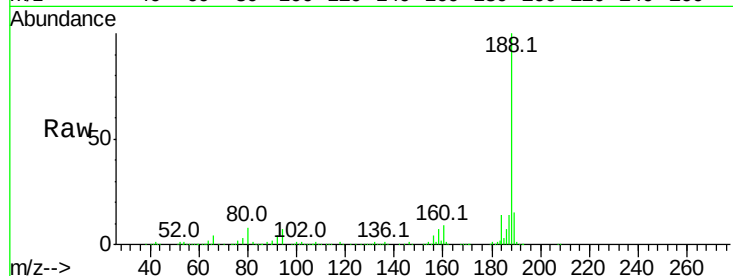




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031537.D
Acq: 13 Dec 2017 20:59

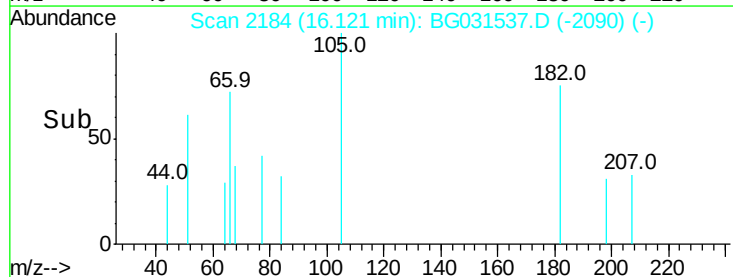
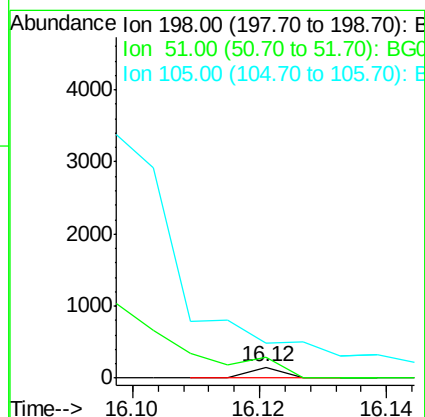
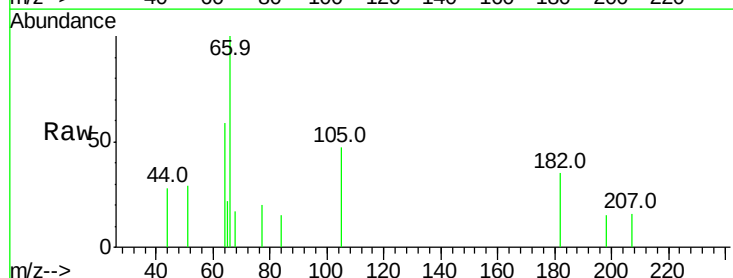
Instrument :
BNA_G
ClientSampleId :

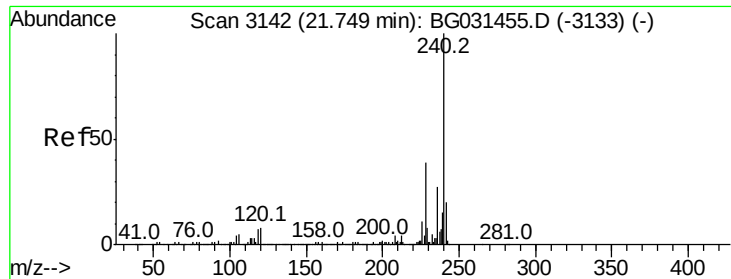
Tot Ion:188 Resp: 435472
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 4.927 ng
RT: 16.12 min Scan# 2184
Delta R.T. 0.25 min
Lab File: BG031537.D
Acq: 13 Dec 2017 20:59

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 193.5 30.6 70.6#
105 319.0 23.8 63.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031537.D

Acq: 13 Dec 2017 20:59

Instrument :

BNA_G

ClientSampleId :

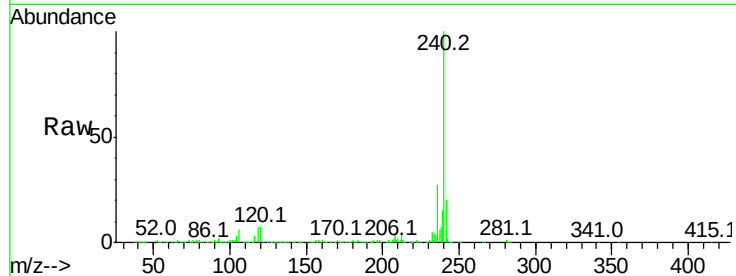
Tot Ion:240 Resp: 498054

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

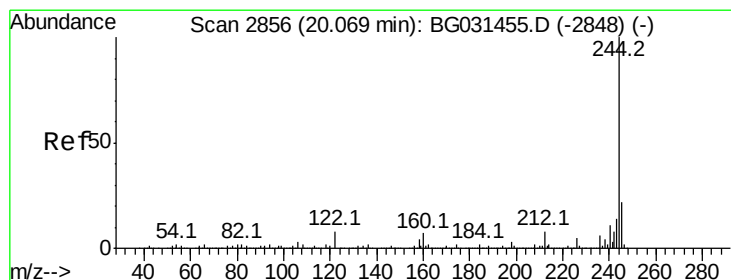
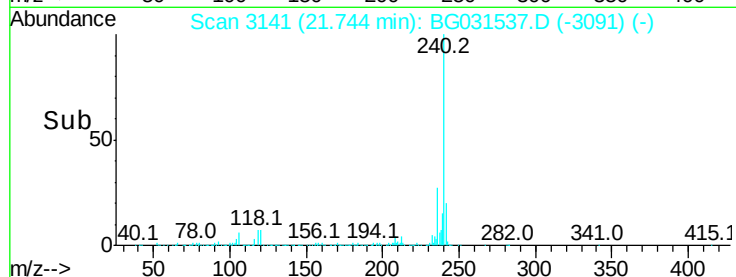
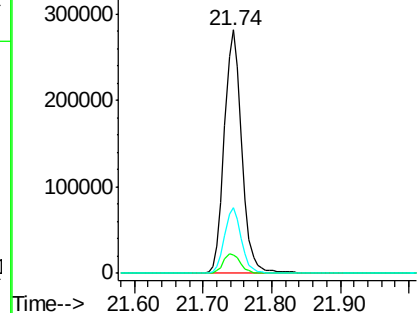
236 26.7 20.9 31.3



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: 91.163 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031537.D

Acq: 13 Dec 2017 20:59

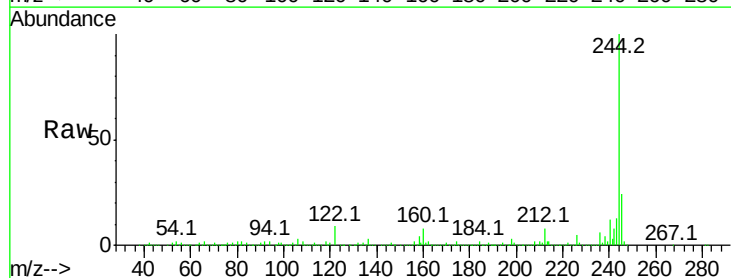
Tgt Ion:244 Resp: 1995641

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

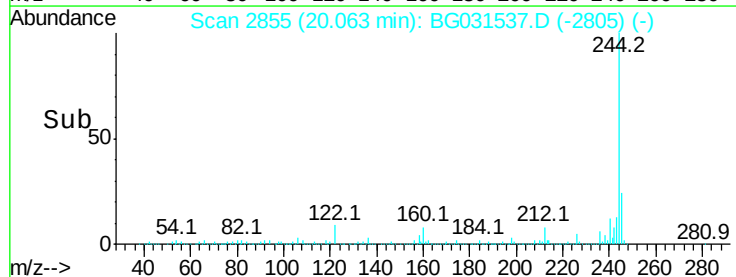
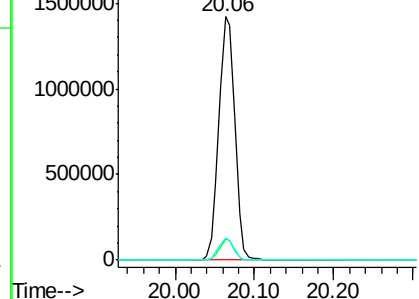
122 9.1 7.0 10.4

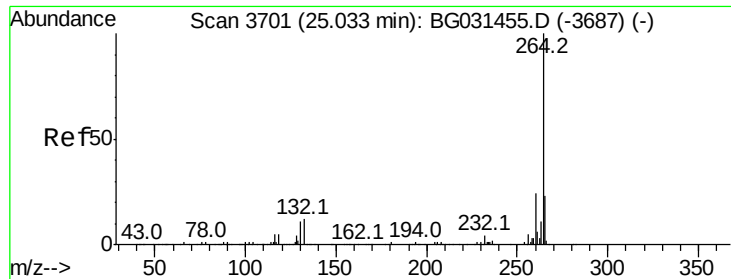


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG031537.D
Acq: 13 Dec 2017 20:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.7	17.7	26.5

