

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033269.D
 Acq On : 20 Mar 2018 16:04
 Operator : SJ/JU
 Sample : J1979-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A3960

Quant Time: Mar 20 16:50:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

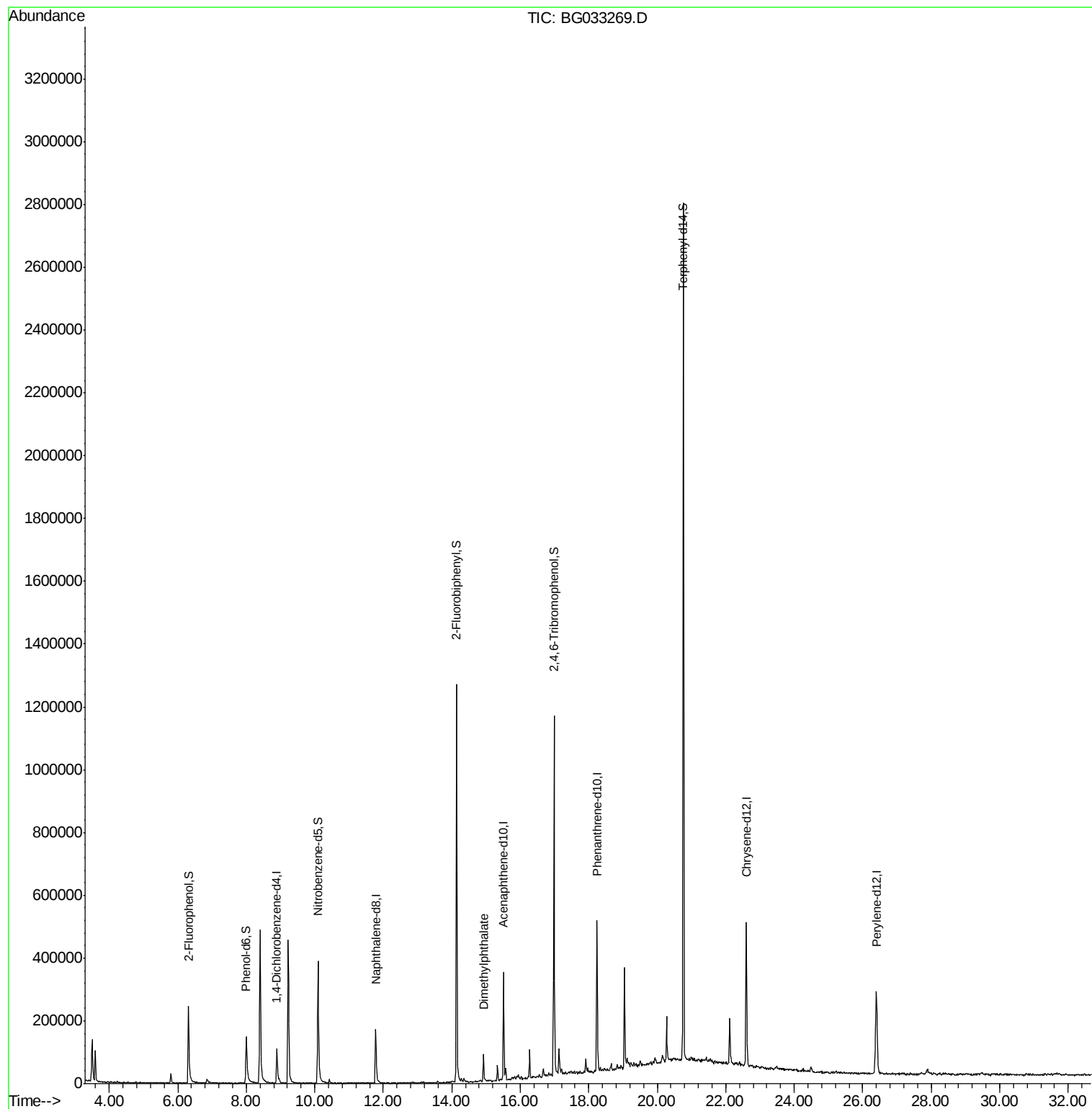
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	41390	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	174713	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	127292	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	334388	20.00	ng	0.00
75) Chrysene-d12	22.60	240	344399	20.00	ng	0.00
86) Perylene-d12	26.40	264	358829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	138429	62.71	ng	0.00
7) Phenol-d6	8.00	99	124209	32.75	ng	0.00
23) Nitrobenzene-d5	10.09	82	313767	82.51	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	237194	124.59	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	727955	82.56	ng	0.00
78) Terphenyl-d14	20.76	244	1340997	83.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.93	163	56923	5.138	ng	99

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

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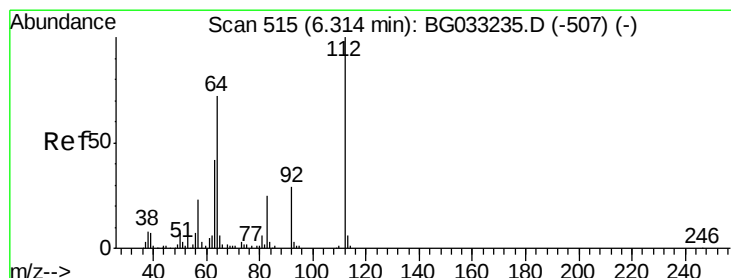
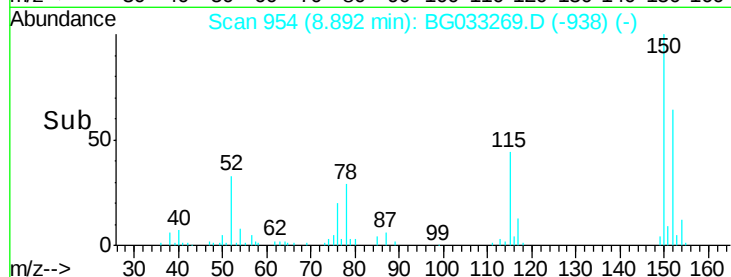
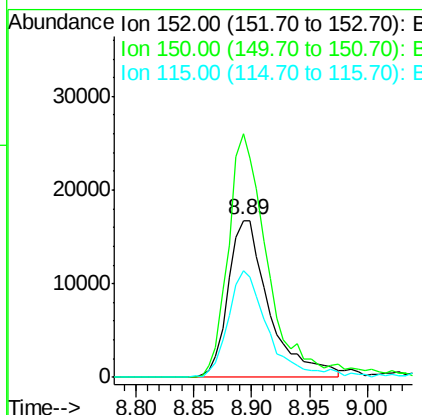
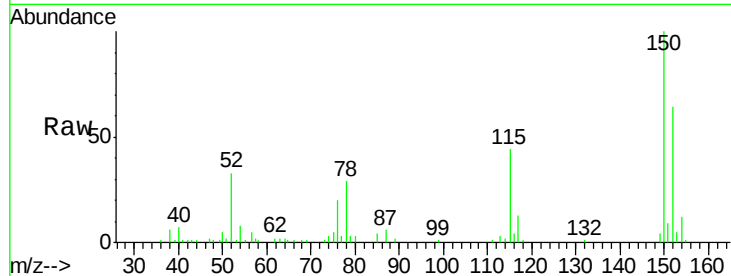


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Instrument :
BNA_G
ClientSampleId :
A3960

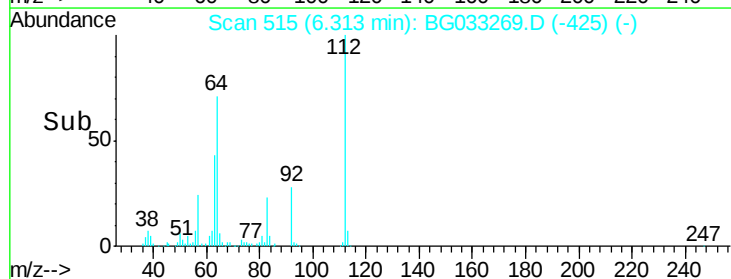
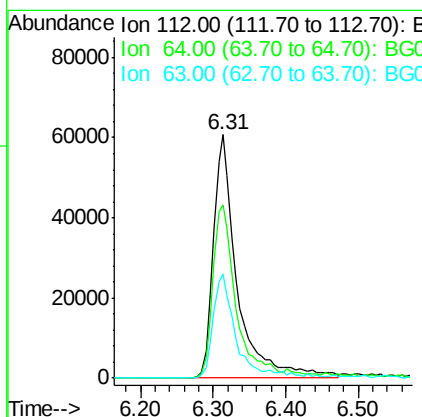
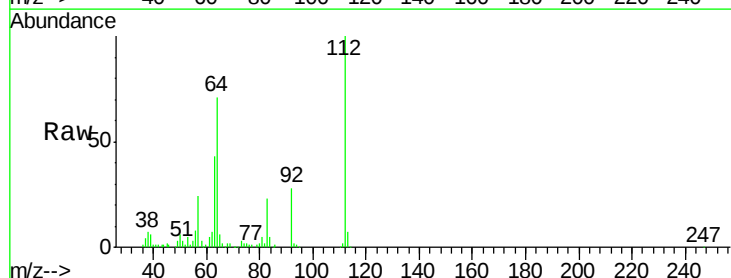
Tot Ion:152 Resp: 41390
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 68.4 53.0 79.4

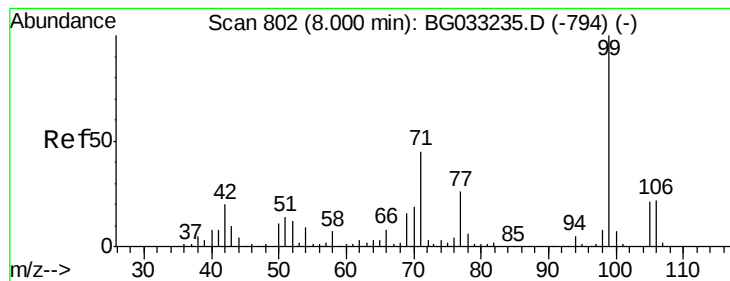


#5

2-Fluorophenol
Concen: 62.713 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:112 Resp: 138429
Ion Ratio Lower Upper
112 100
64 71.0 56.3 84.5
63 42.6 30.1 45.1





#7

Phenol-d6

Concen: 32.750 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

Instrument :

BNA_G

ClientSampleId :

A3960

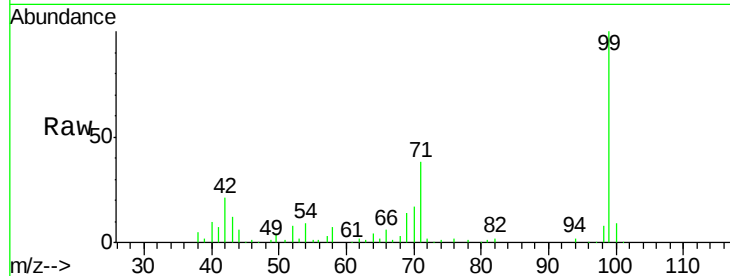
Tot Ion: 99 Resp: 124209

Ion Ratio Lower Upper

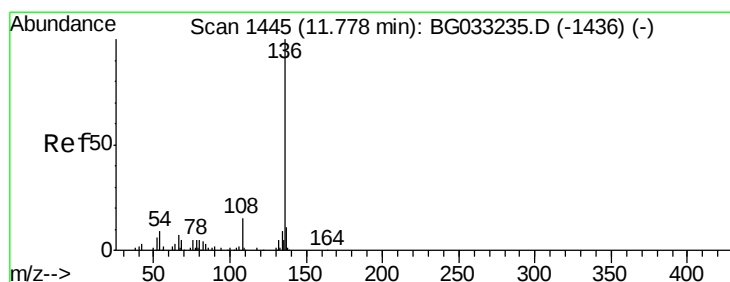
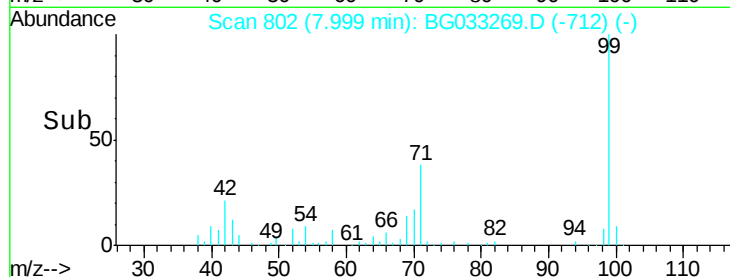
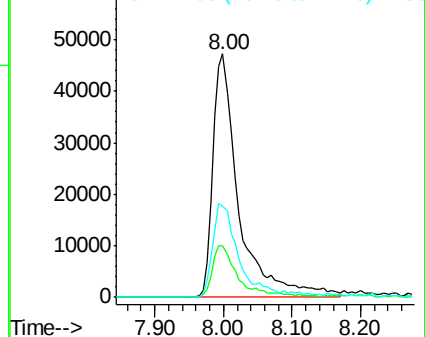
99 100

42 21.2 14.1 21.1#

71 37.5 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

Tgt Ion: 136 Resp: 174713

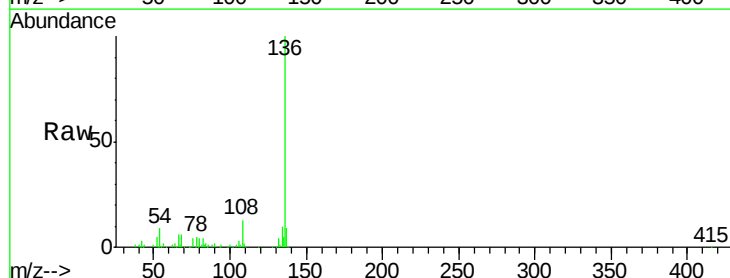
Ion Ratio Lower Upper

136 100

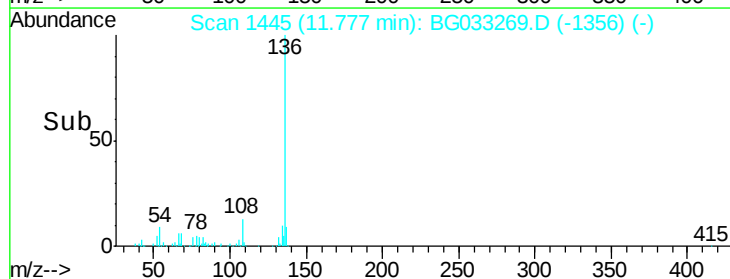
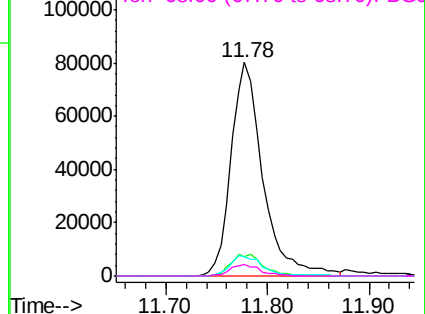
137 9.1 9.2 13.8#

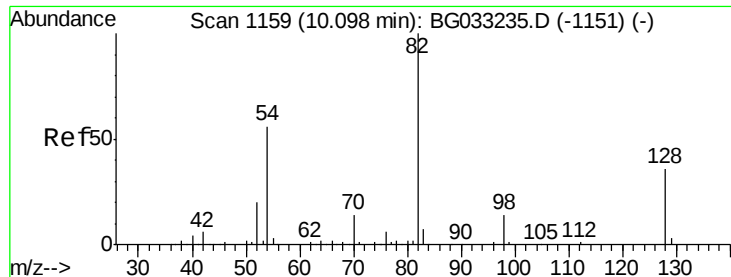
54 9.0 10.3 15.5#

68 5.5 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

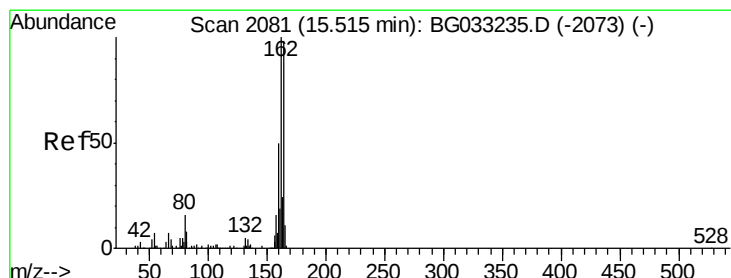
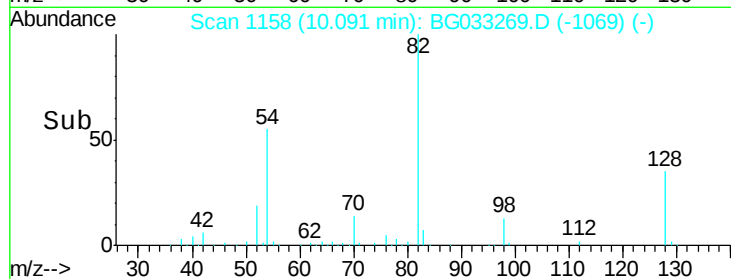
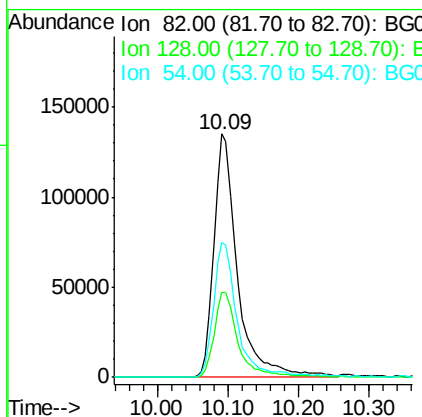
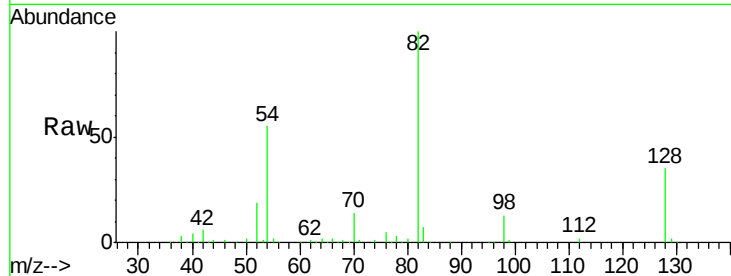




#23
Nitrobenzene-d5
Concen: 82.511 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

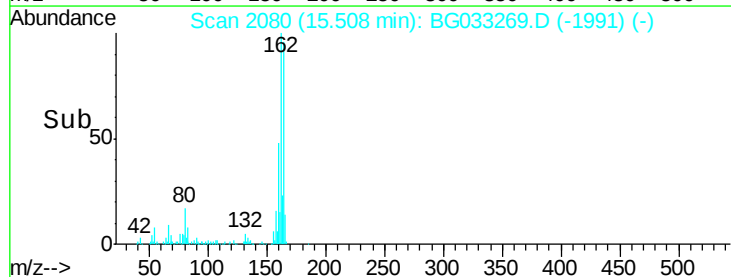
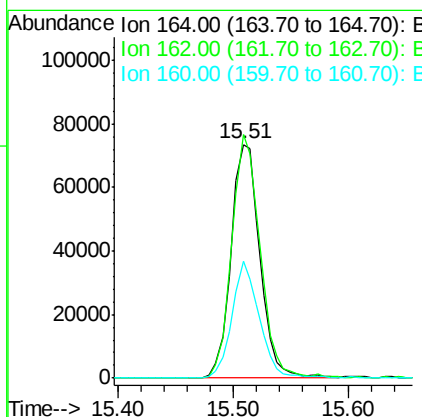
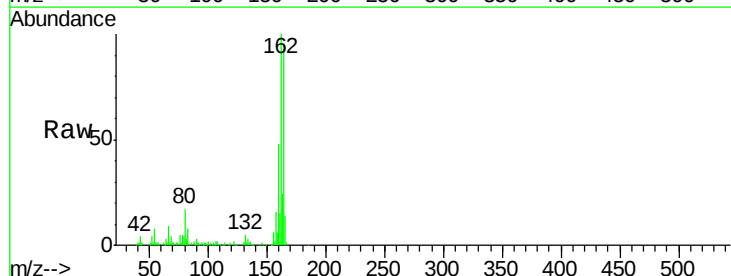
Instrument :
BNA_G
ClientSampleId :
A3960

Tot Ion	82	Resp	313767
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	55.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion	164	Resp	127292
Ion Ratio	Lower	Upper	
164	100		
162	104.3	78.8	118.2
160	50.0	35.4	53.0

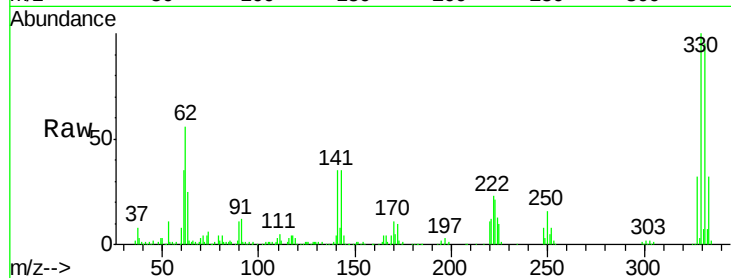




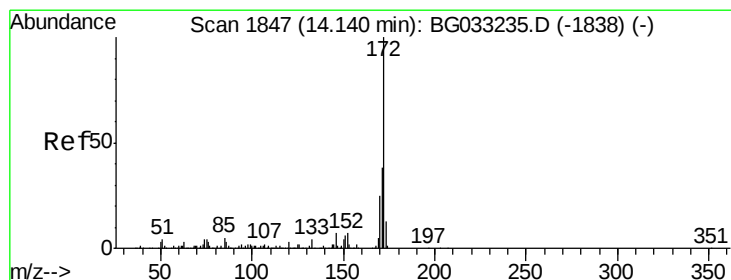
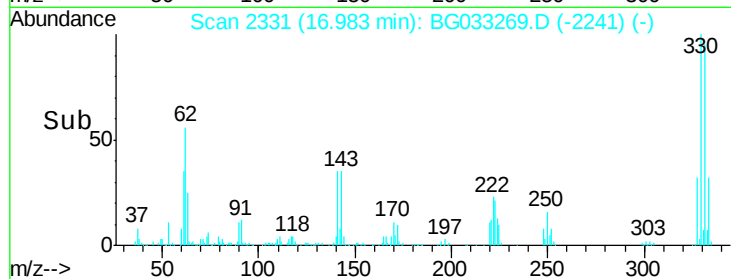
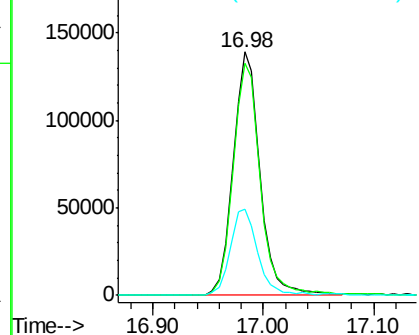
#41
 2,4,6-Tribromophenol
 Concen: 124.590 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 A3960

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	36.4	25.2	37.8

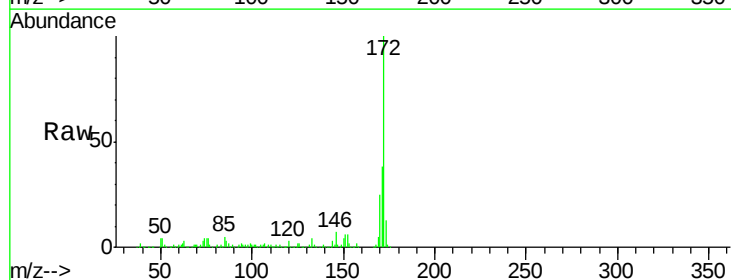


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

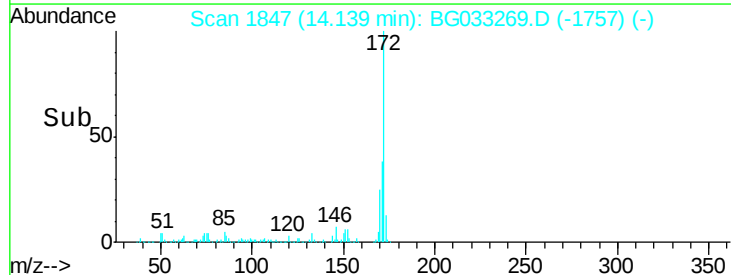
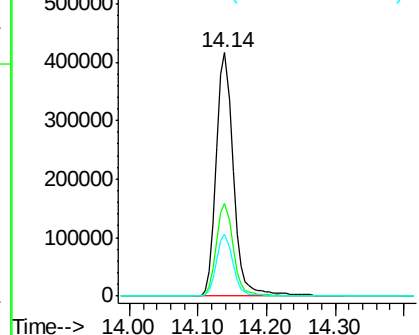


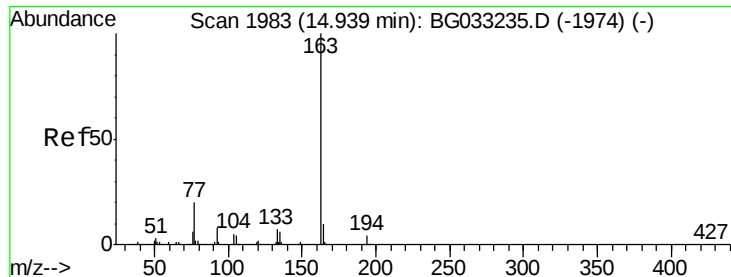
#44
 2-Fluorobiphenyl
 Concen: 82.558 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.2	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

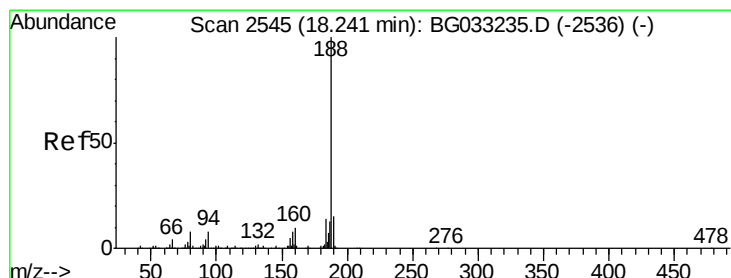
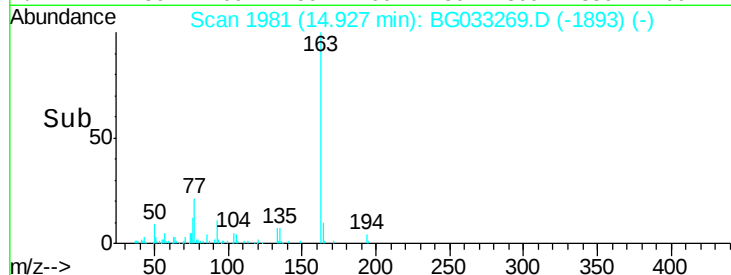
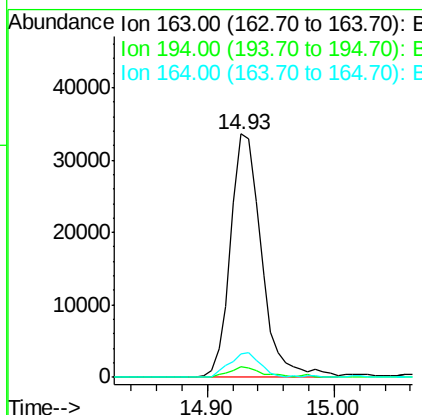
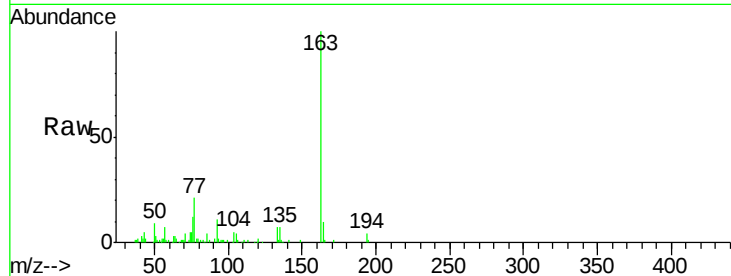




#49
Dimethylphthalate
Concen: 5.138 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

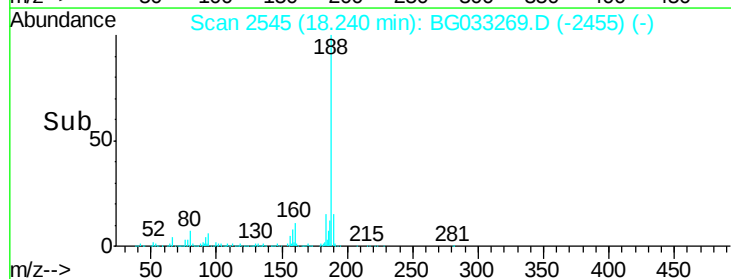
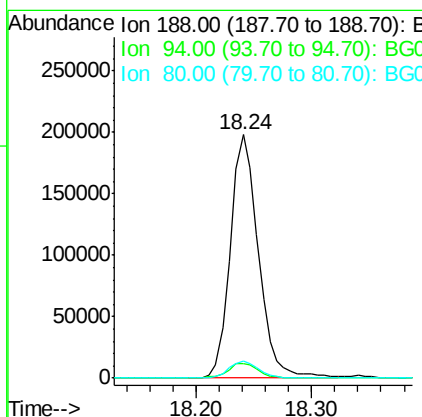
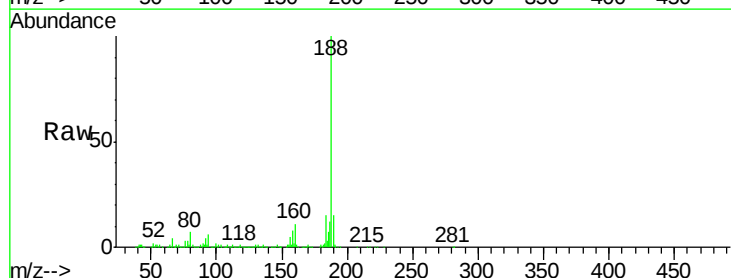
Instrument :
BNA_G
ClientSampleId :
A3960

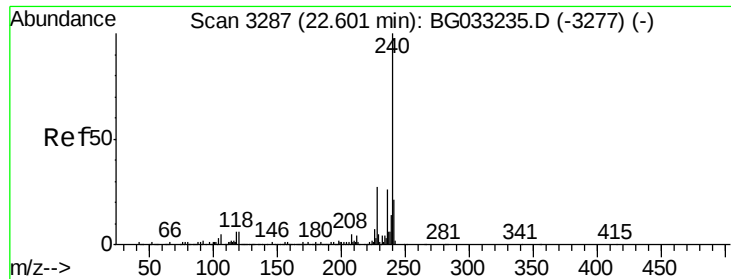
Tot Ion:163 Resp: 56923
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:188 Resp: 334388
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

Instrument :

BNA_G

ClientSampleId :

A3960

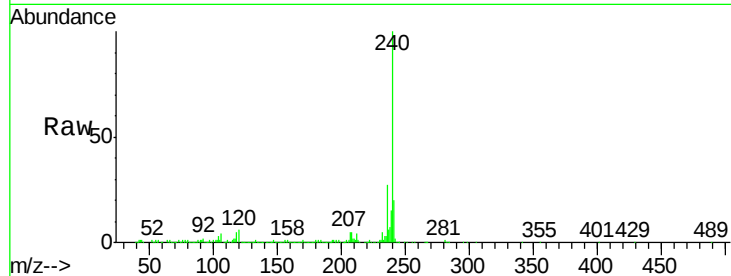
Tot Ion:240 Resp: 344399

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

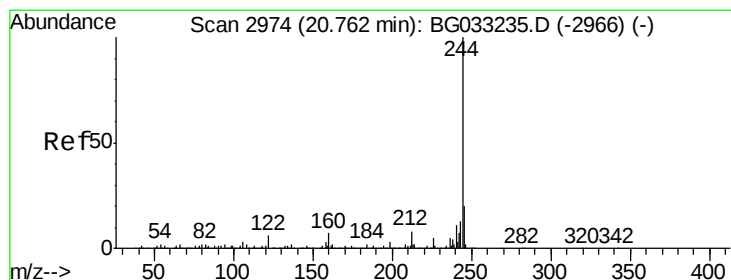
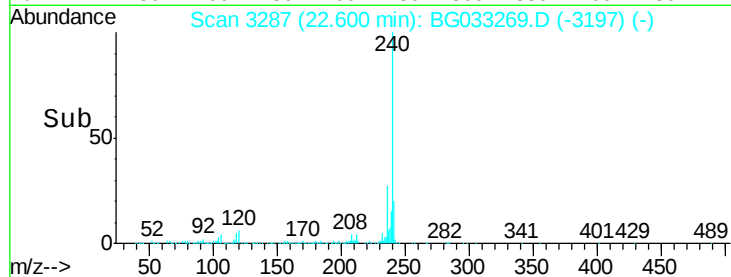
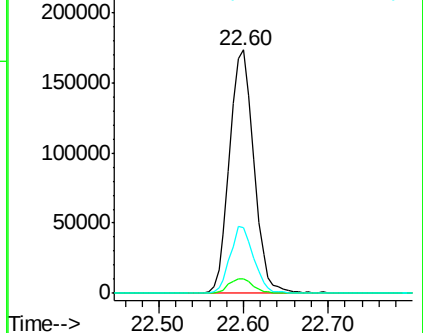
236 26.8 20.9 31.3



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: 83.272 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

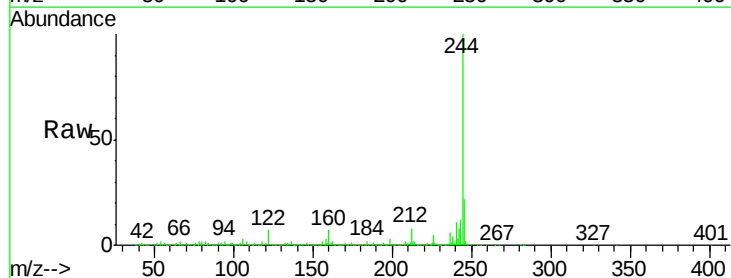
Tgt Ion:244 Resp: 1340997

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

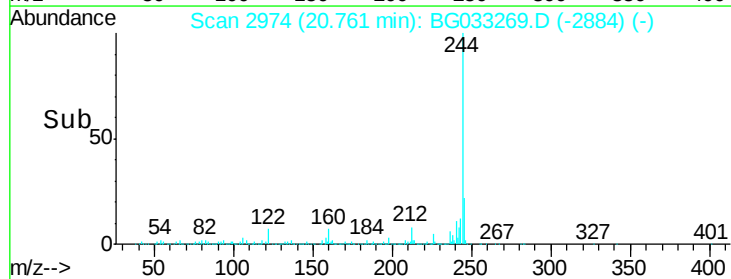
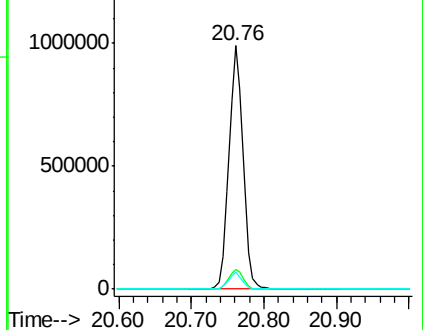
122 6.9 7.0 10.4#

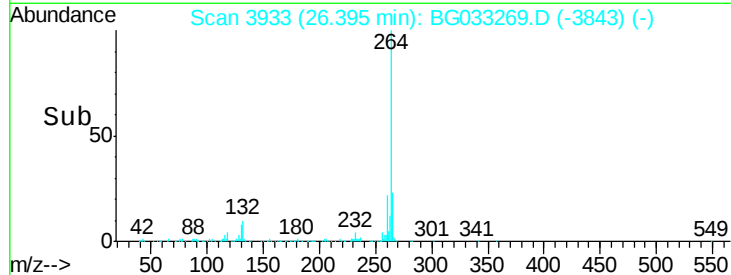
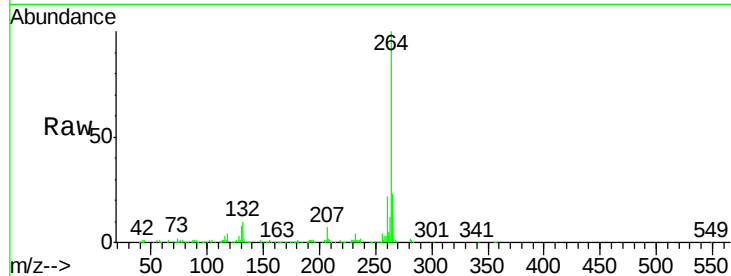
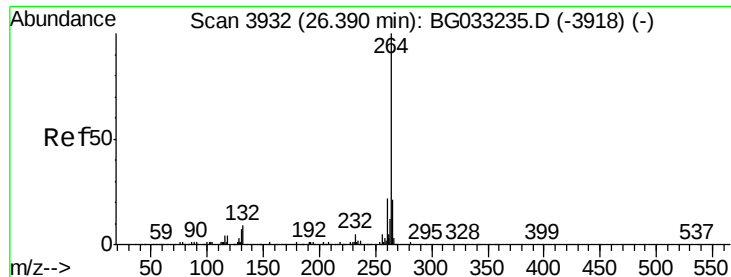


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.40 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 A3960

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	23.2	17.7	26.5

