

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033448.D
 Acq On : 30 Mar 2018 10:38
 Operator : SJ/JU
 Sample : J2072-03DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB2DL

Quant Time: Mar 30 11:37:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

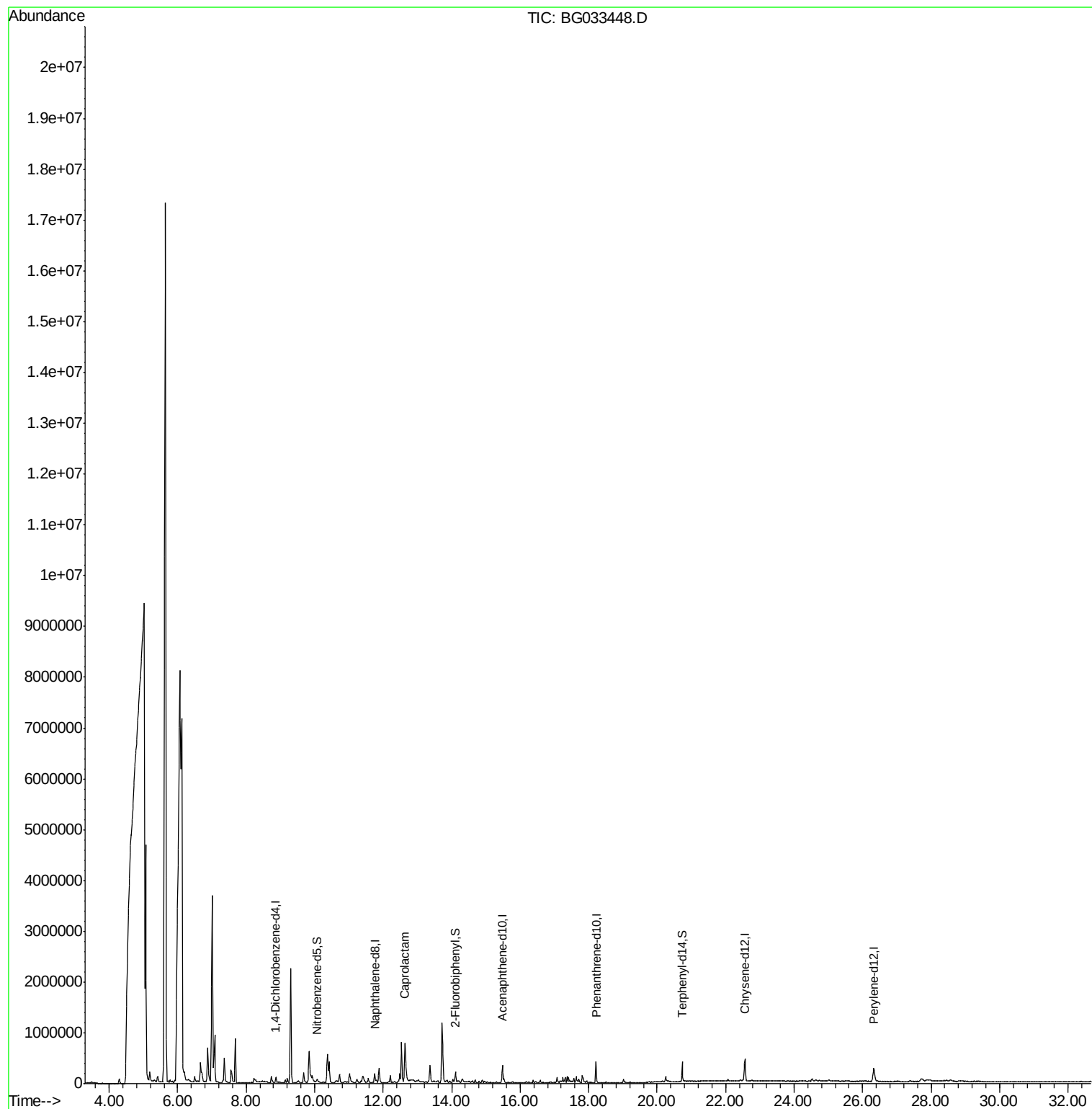
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	37414	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	165309	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121195	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312048	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330273	20.00	ng	0.00
86) Perylene-d12	26.33	264	365228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.36	112	1031	0.52	ng	0.07
7) Phenol-d6	8.08	99	2579	0.75	ng	0.10
23) Nitrobenzene-d5	10.08	82	54385	15.12	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	1149	0.63	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	123793	14.75	ng	0.00
78) Terphenyl-d14	20.73	244	197228	12.77	ng	0.00
Target Compounds						
35) Caprolactam	12.63	113	30679	30.063	ng	Qvalue # 56

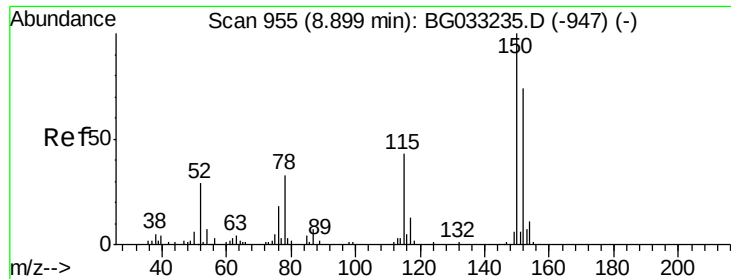
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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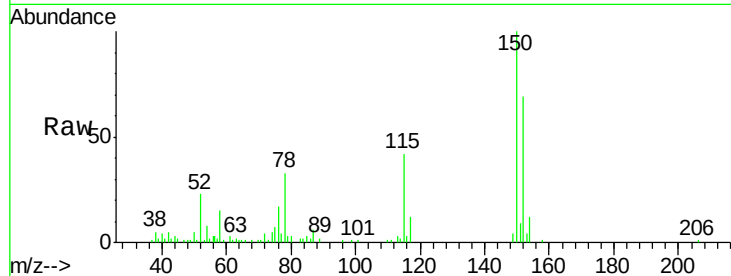


#1

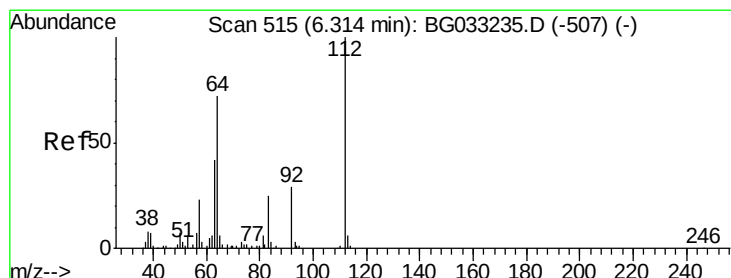
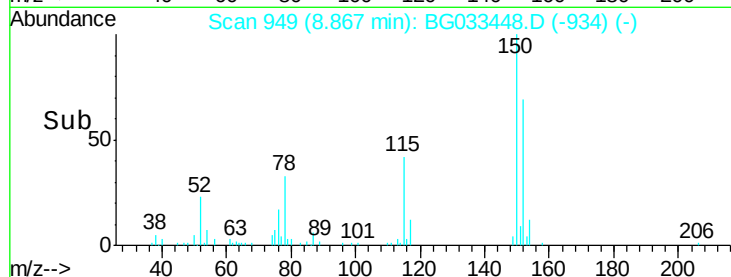
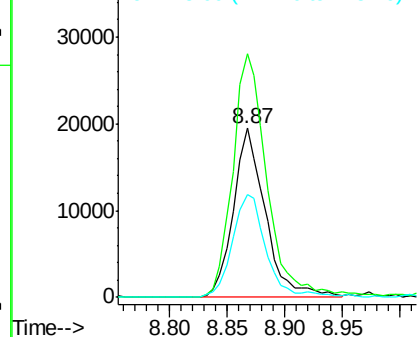
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

Instrument :
BNA_G
ClientSampleId :
C0AB2DL

Tot Ion:152 Resp: 37414
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 61.3 53.0 79.4



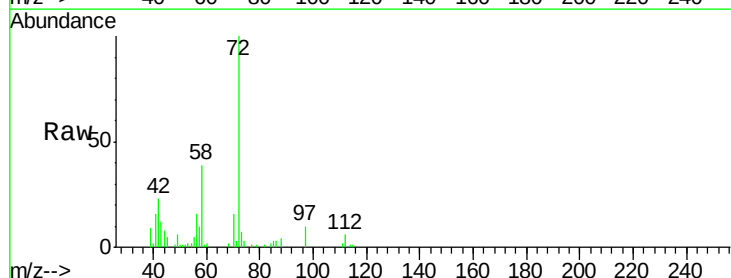
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



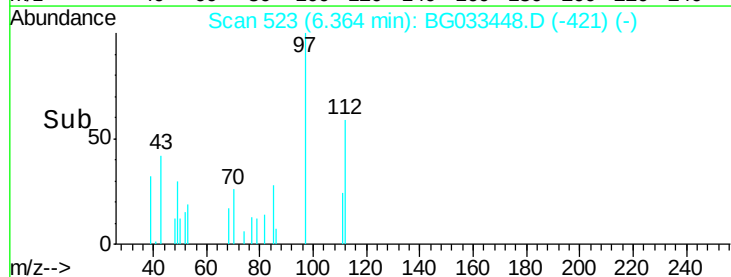
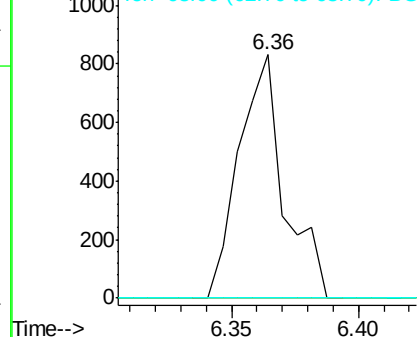
#5

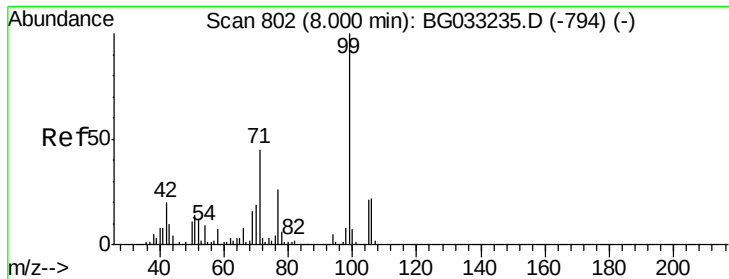
2-Fluorophenol
Concen: 0.517 ng
RT: 6.36 min Scan# 523
Delta R.T. 0.07 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

Tgt Ion:112 Resp: 1031
Ion Ratio Lower Upper
112 100
64 0.0 56.3 84.5#
63 0.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 0.752 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.10 min

Lab File: BG033448.D

Acq: 30 Mar 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB2DL

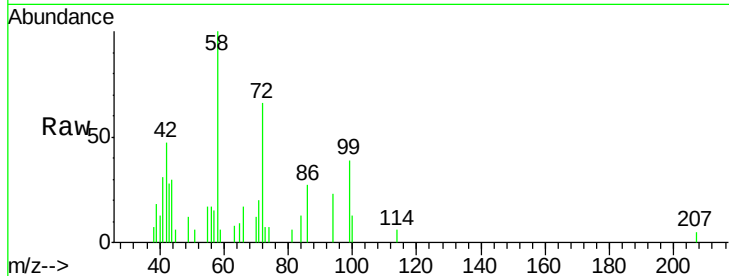
Tot Ion: 99 Resp: 2579

Ion Ratio Lower Upper

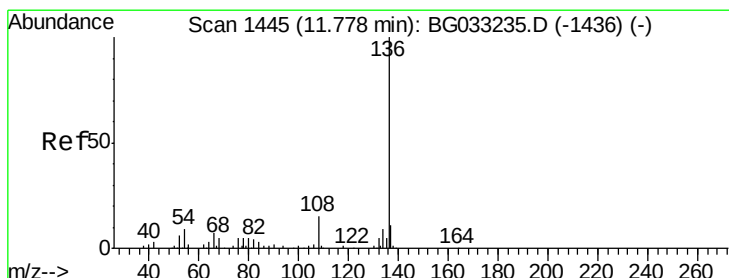
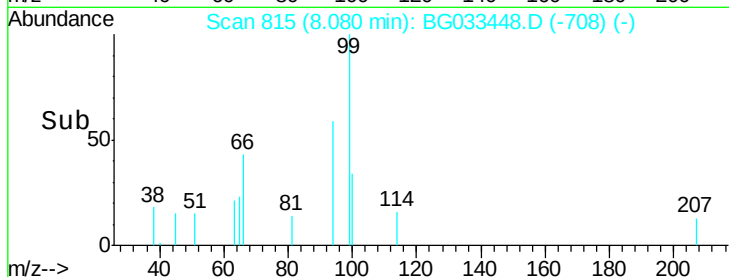
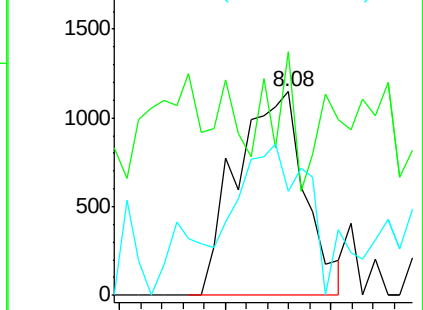
99 100

42 119.6 14.1 21.1#

71 51.3 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033448.D

Acq: 30 Mar 2018 10:38

Tgt Ion: 136 Resp: 165309

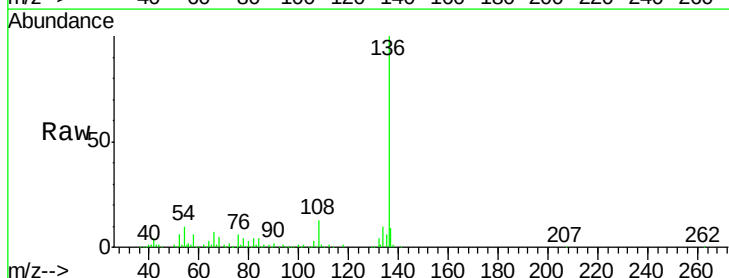
Ion Ratio Lower Upper

136 100

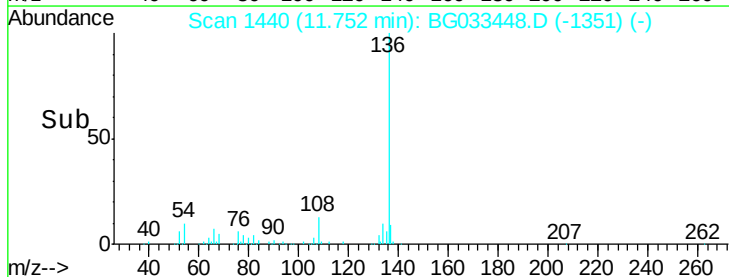
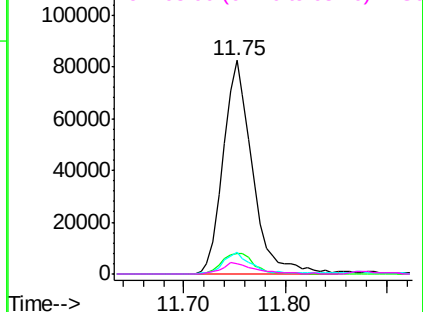
137 9.5 9.2 13.8

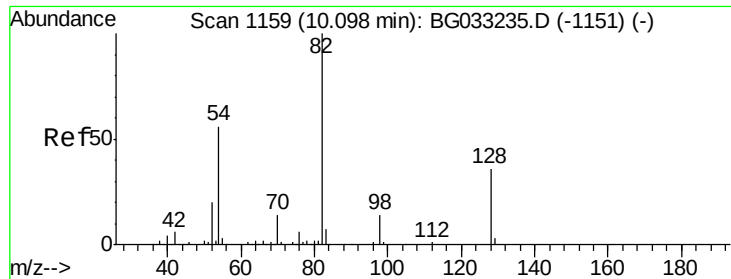
54 10.4 10.3 15.5

68 5.0 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

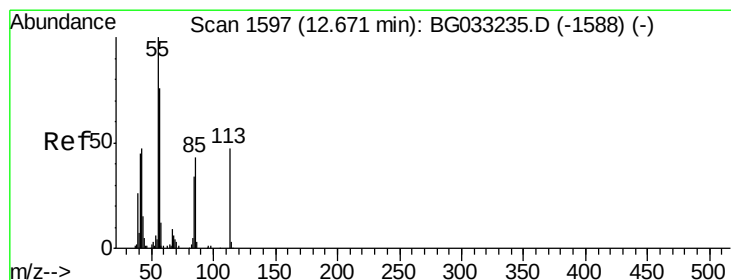
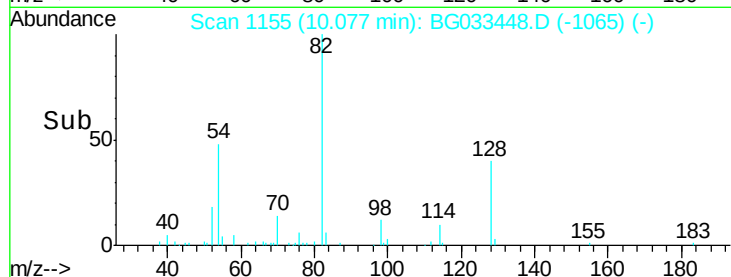
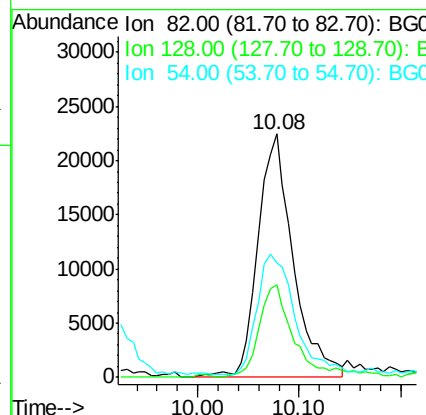
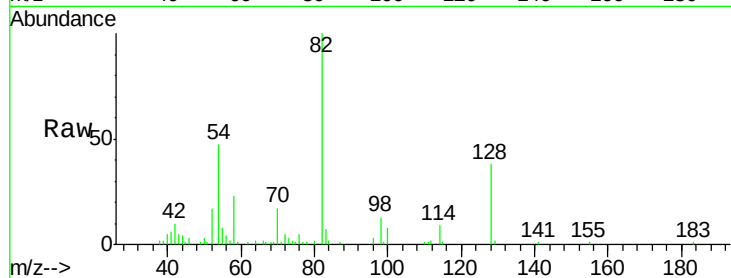




#23
 Nitrobenzene-d5
 Concen: 15.115 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BG033448.D
 Acq: 30 Mar 2018 10:38

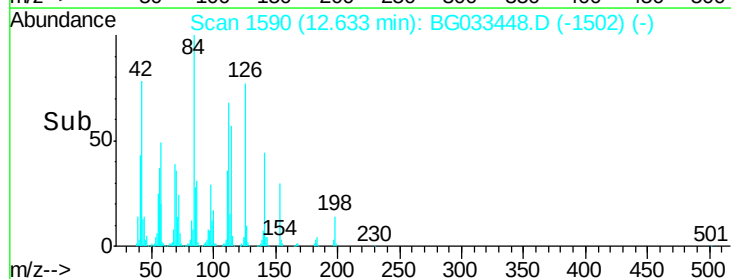
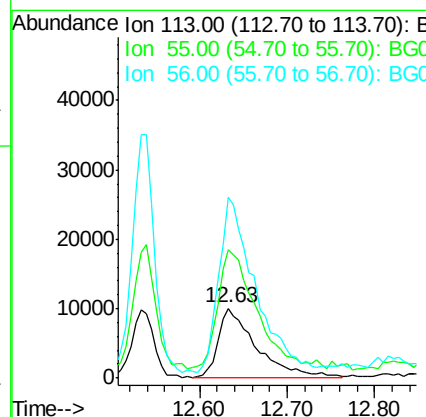
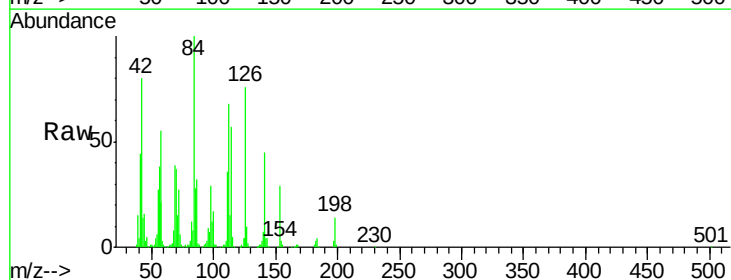
Instrument :
 BNA_G
 ClientSampled :
 C0AB2DL

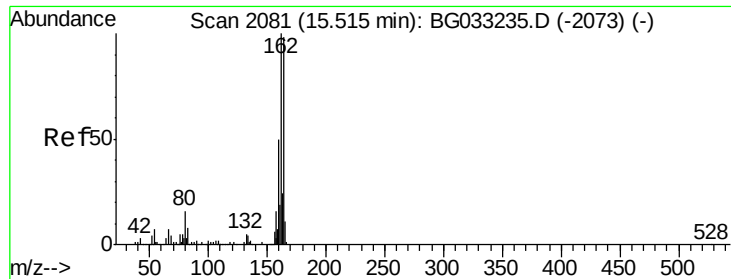
Tot Ion	82	Resp	54385
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.7	44.5
54	47.0	43.1	64.7



#35
 Caprolactam
 Concen: 30.063 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033448.D
 Acq: 30 Mar 2018 10:38

Tgt Ion	113	Resp	30679
Ion Ratio	Lower	Upper	
113	100		
55	183.8	186.9	226.9#
56	258.7	130.9	170.9#

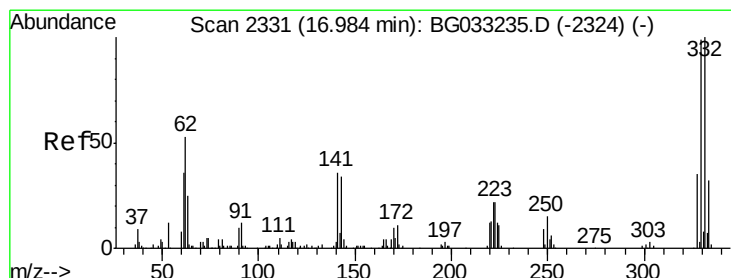
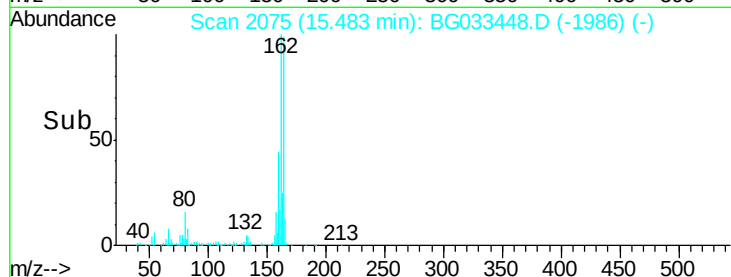
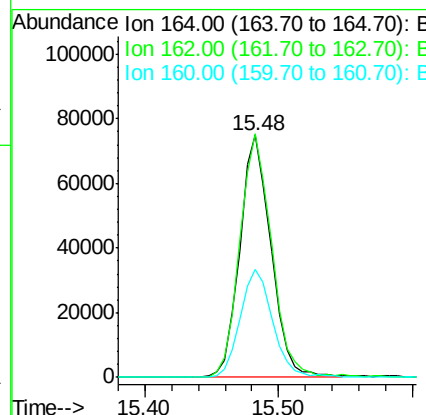
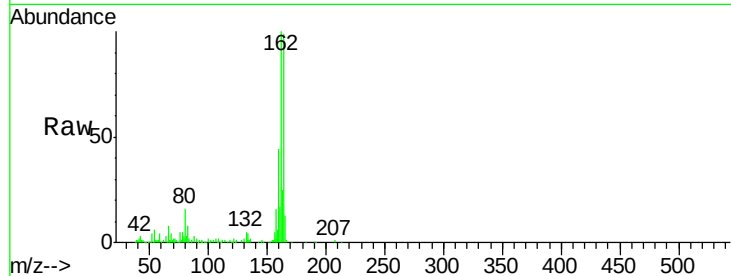




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

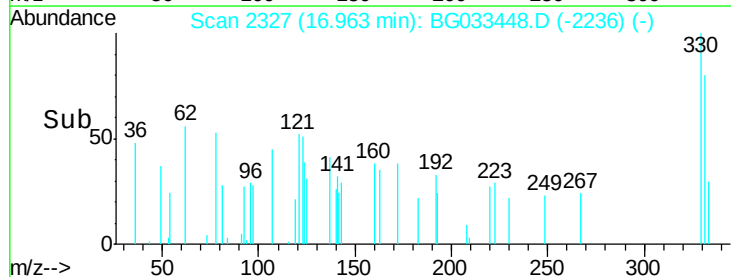
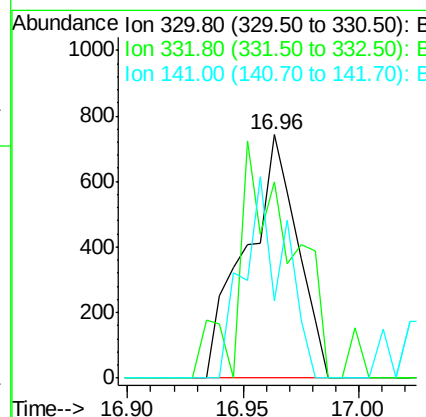
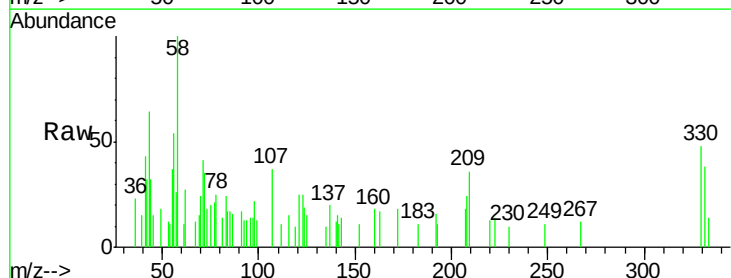
Instrument :
BNA_G
ClientSampleId :
C0AB2DL

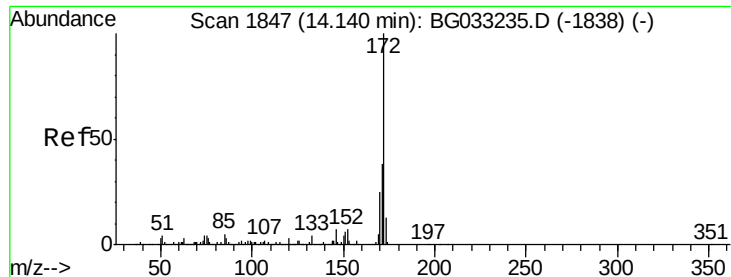
Tot Ion:164 Resp: 121195
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 44.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 0.634 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

Tgt Ion:330 Resp: 1149
Ion Ratio Lower Upper
330 100
332 99.7 77.0 115.6
141 65.4 25.2 37.8#

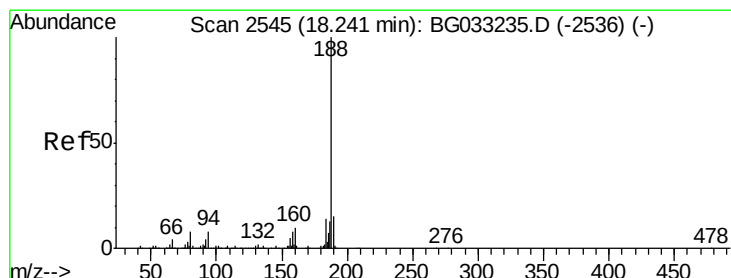
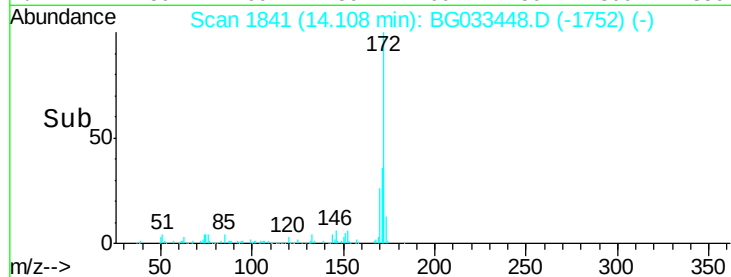
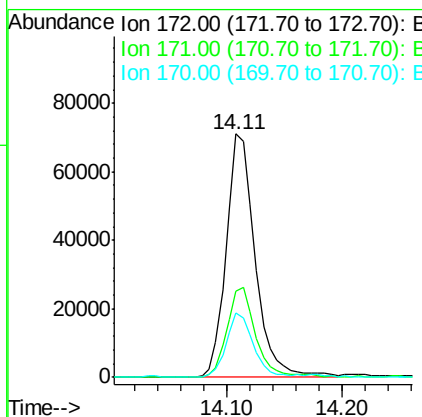
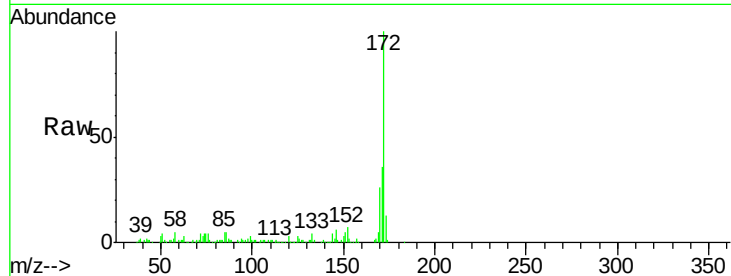




#44
2-Fluorobiphenyl
Concen: 14.746 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

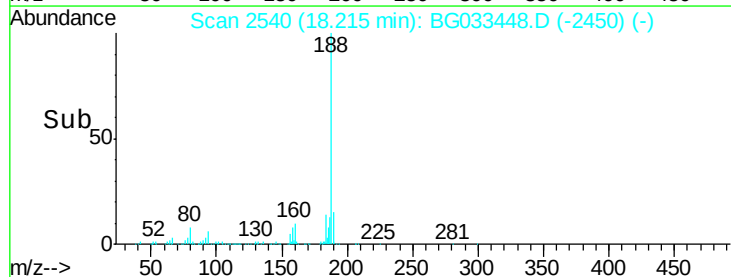
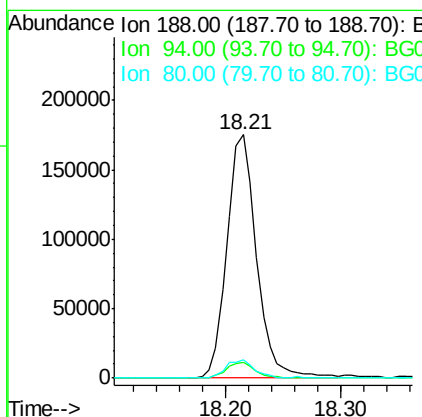
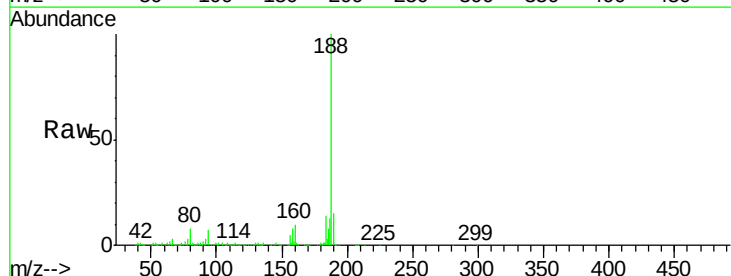
Instrument :
BNA_G
ClientSampleId :
C0AB2DL

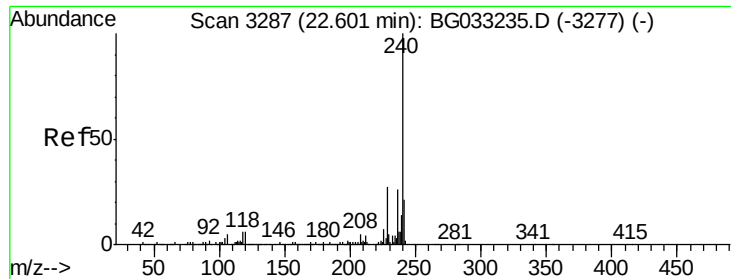
Tot Ion:172 Resp: 123793
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 26.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033448.D
Acq: 30 Mar 2018 10:38

Tgt Ion:188 Resp: 312048
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.7 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033448.D

Acq: 30 Mar 2018 10:38

Instrument :

BNA_G

ClientSampleId :

C0AB2DL

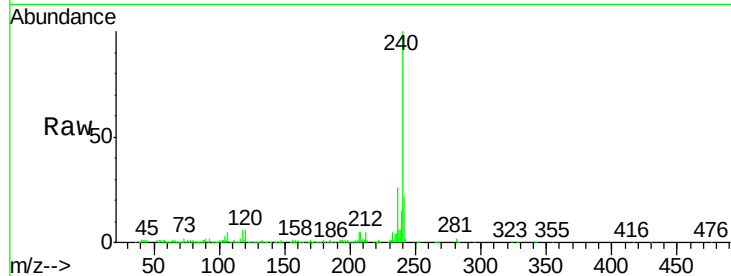
Tot Ion:240 Resp: 330273

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

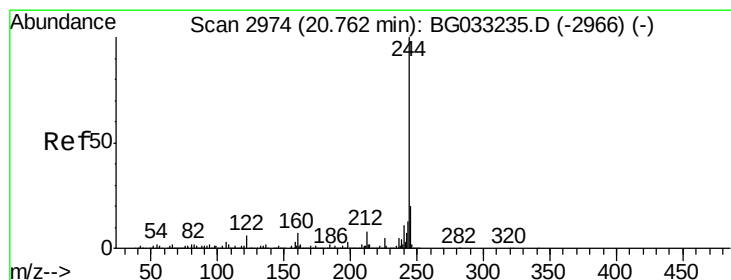
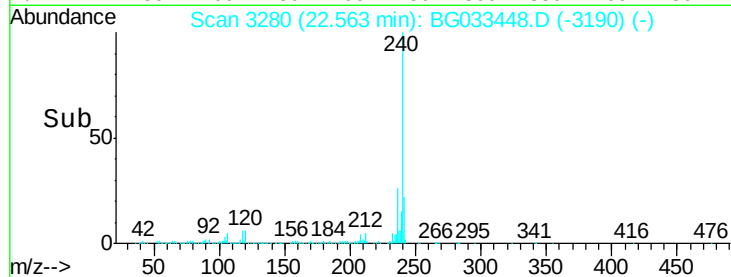
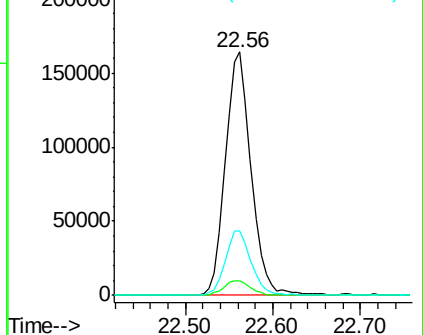
236 26.2 20.9 31.3



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: 12.771 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033448.D

Acq: 30 Mar 2018 10:38

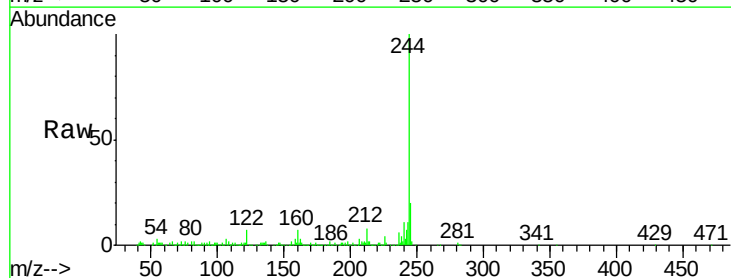
Tgt Ion:244 Resp: 197228

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

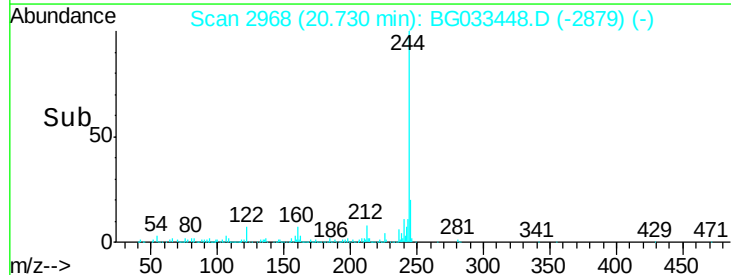
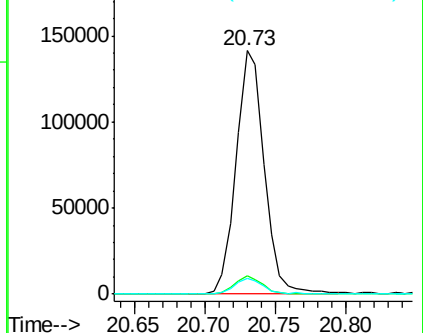
122 6.6 7.0 10.4#

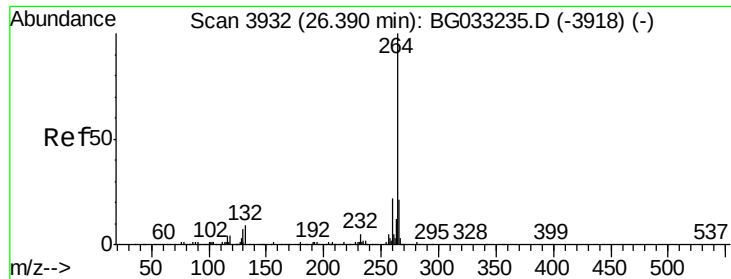


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

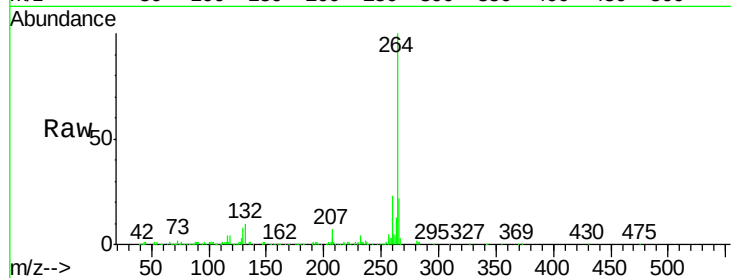




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033448.D
 Acq: 30 Mar 2018 10:38

Instrument :
 BNA_G
 ClientSampleId :
 C0AB2DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.5	17.7	26.5



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

