

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033432.D
 Acq On : 29 Mar 2018 22:43
 Operator : SJ/JU
 Sample : J2086-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-124023-124035

Quant Time: Mar 30 08:08:18 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

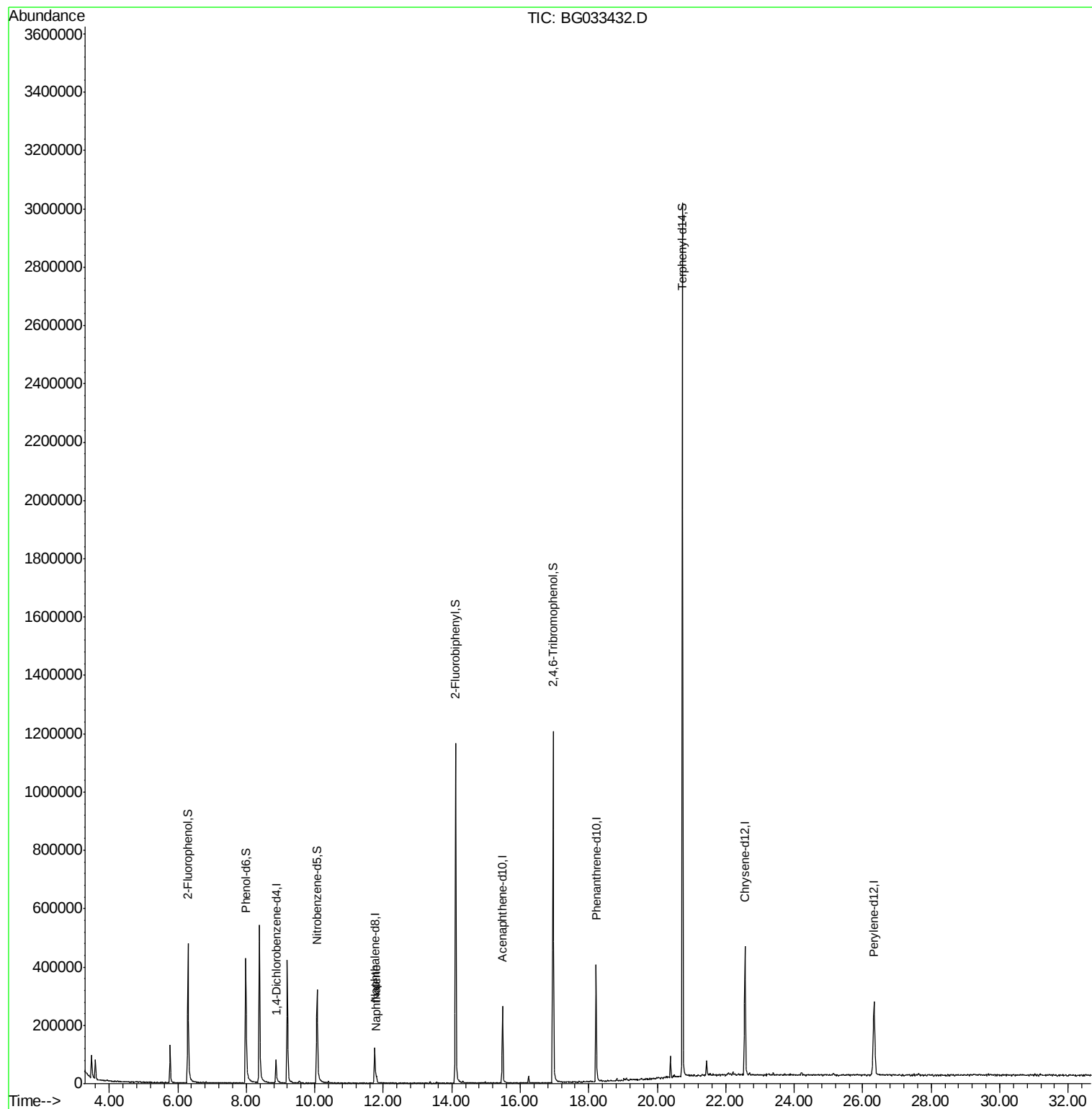
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28201	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	119395	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	97665	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	302783	20.00	ng	0.00
75) Chrysene-d12	22.56	240	325146	20.00	ng	0.00
86) Perylene-d12	26.33	264	351996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	231198	153.73	ng	0.00
7) Phenol-d6	7.98	99	318731	123.34	ng	0.00
23) Nitrobenzene-d5	10.07	82	259602	99.90	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	254451	174.20	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	661039	97.71	ng	0.00
78) Terphenyl-d14	20.74	244	1525311	100.33	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	17096	2.763	ng	Qvalue # 90

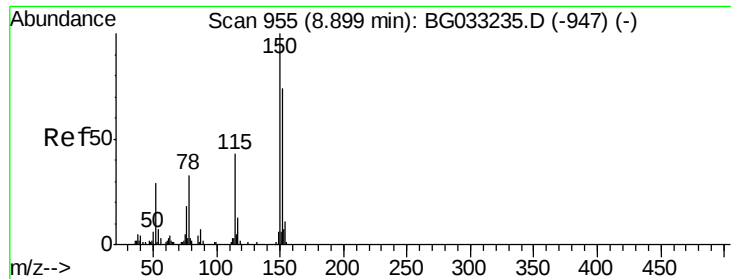
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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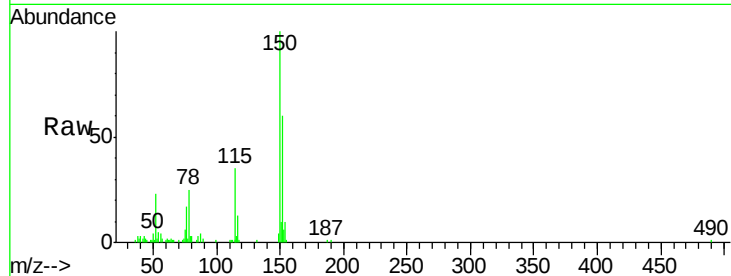


#1

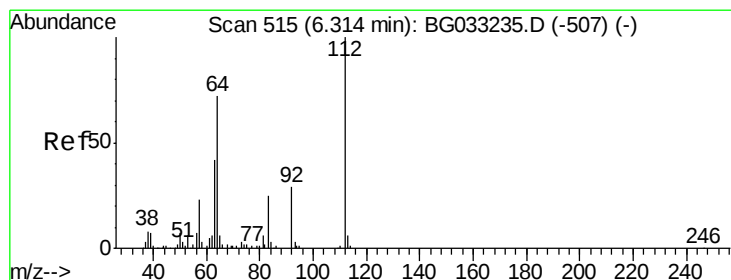
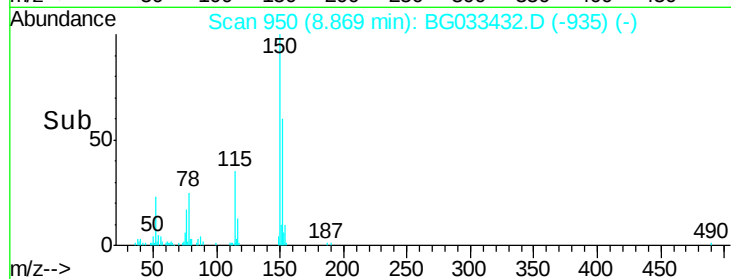
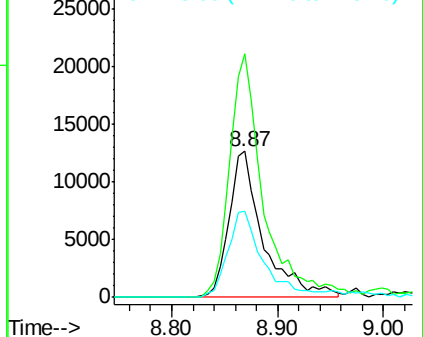
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :
RS-124023-124035

Tot Ion:152 Resp: 28201
Ion Ratio Lower Upper
152 100
150 166.5 126.6 189.8
115 58.8 53.0 79.4



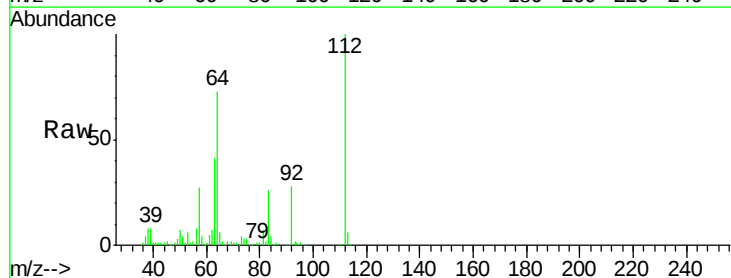
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



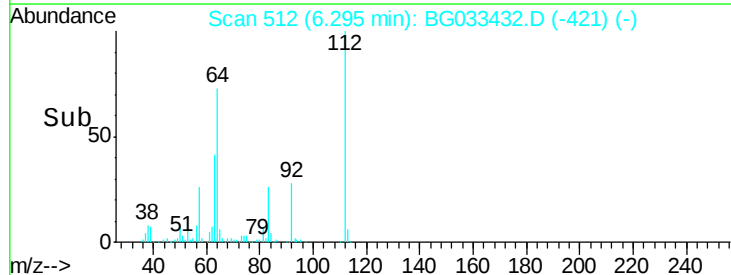
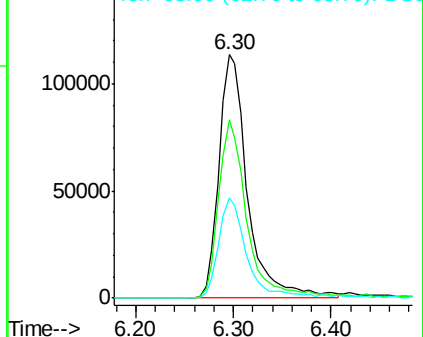
#5

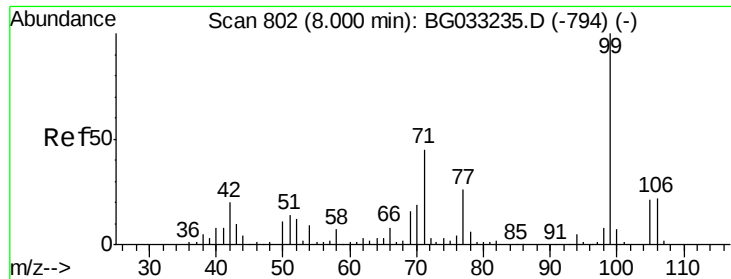
2-Fluorophenol
Concen: 153.726 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion:112 Resp: 231198
Ion Ratio Lower Upper
112 100
64 73.3 56.3 84.5
63 41.0 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: 123.343 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

RS-124023-124035

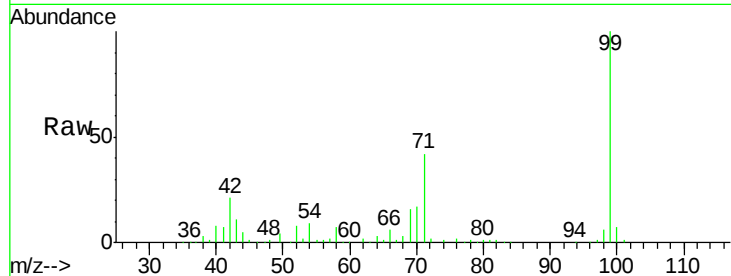
Tot Ion: 99 Resp: 318731

Ion Ratio Lower Upper

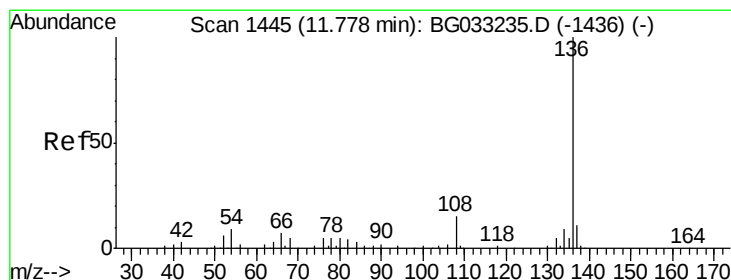
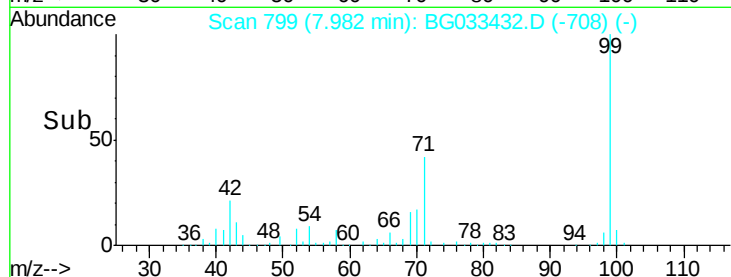
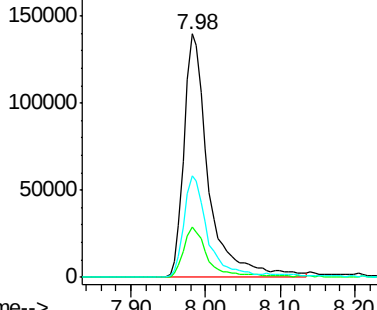
99 100

42 20.8 14.1 21.1

71 41.7 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: BG033432.D

Acq: 29 Mar 2018 22:43

Tgt Ion: 136 Resp: 119395

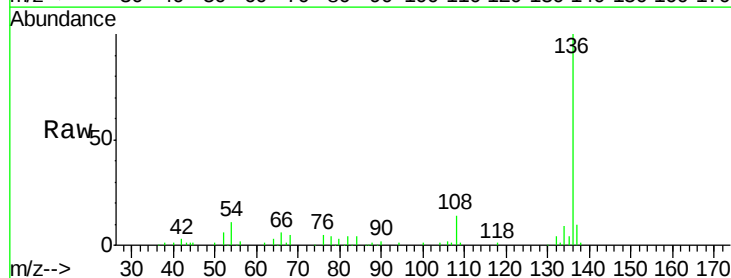
Ion Ratio Lower Upper

136 100

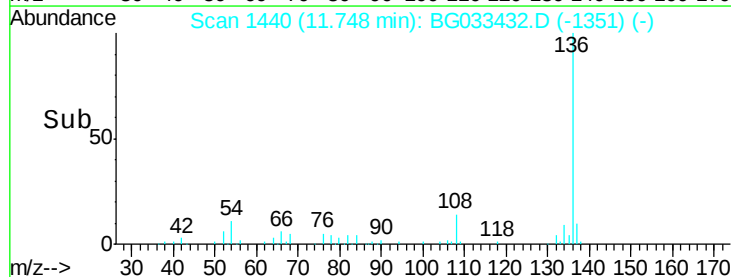
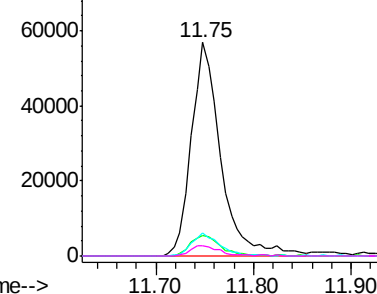
137 9.6 9.2 13.8

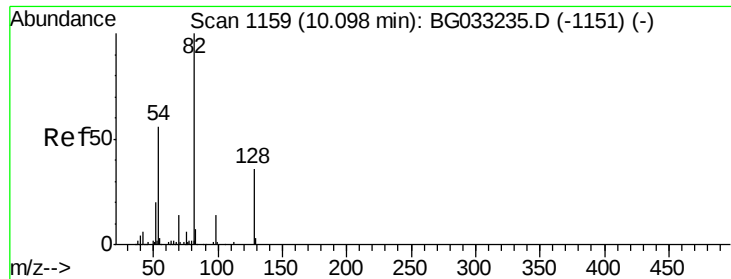
54 10.5 10.3 15.5

68 4.5 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

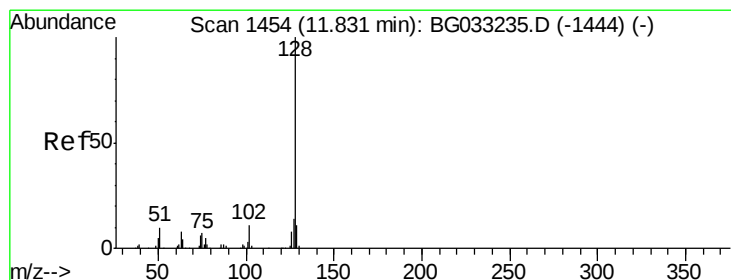
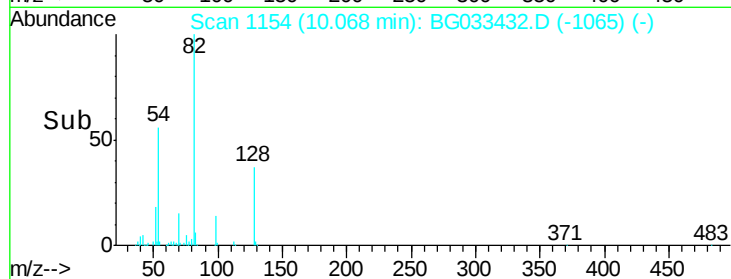
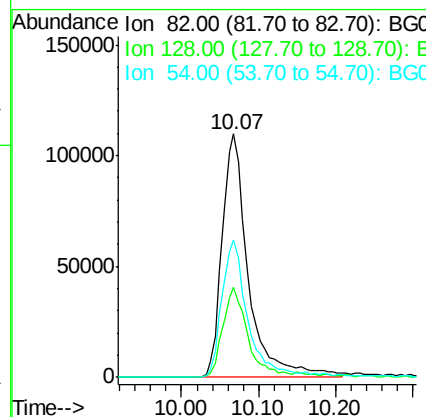
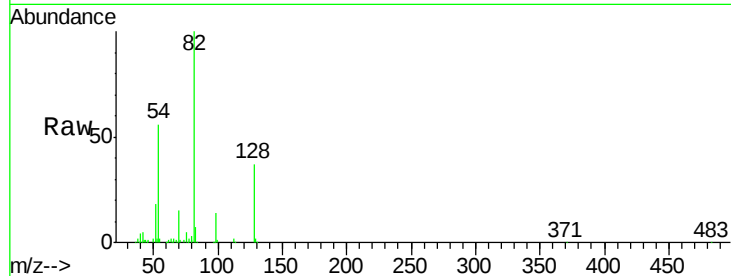




#23
Nitrobenzene-d5
Concen: 99.897 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

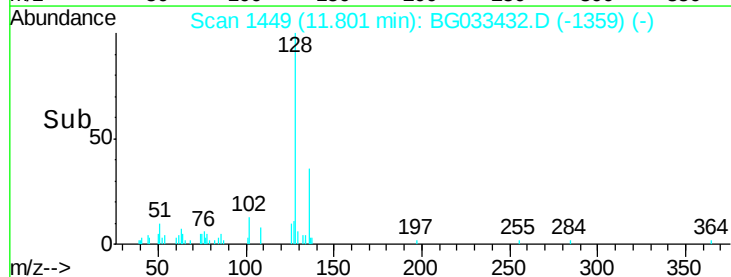
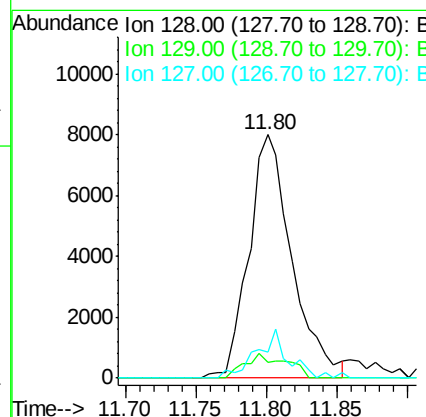
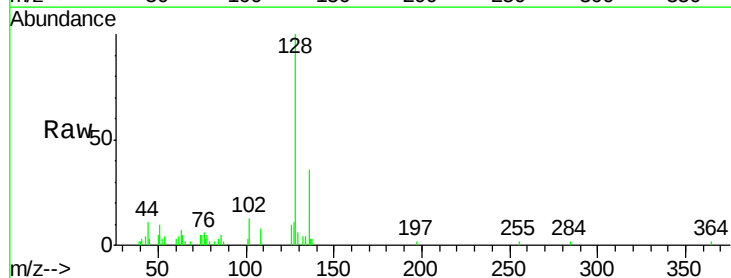
Instrument :
BNA_G
ClientSampleId :
RS-124023-124035

Tot Ion	82	Resp	259602
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.7	44.5
54	56.3	43.1	64.7



#31
Naphthalene
Concen: 2.763 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion	128	Resp	17096
Ion Ratio	Lower	Upper	
128	100		
129	6.3	8.6	12.8#
127	10.6	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

RS-124023-124035

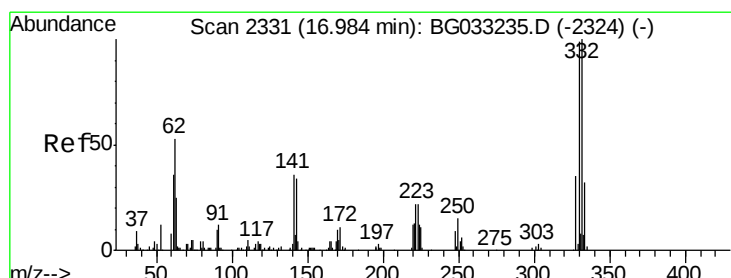
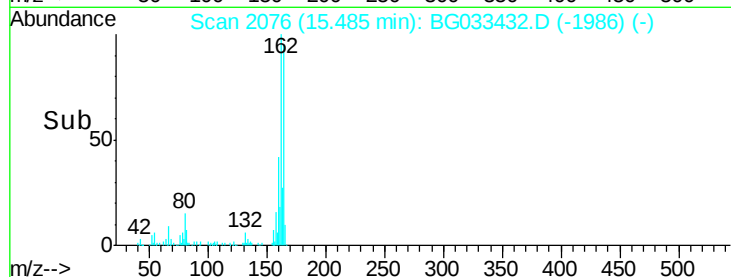
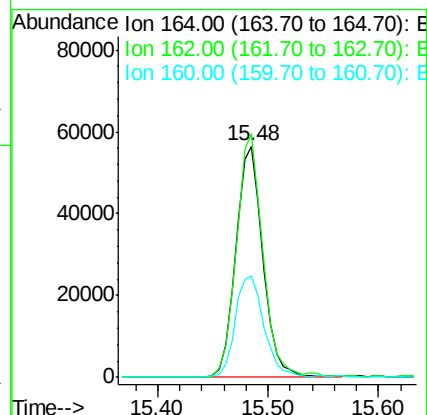
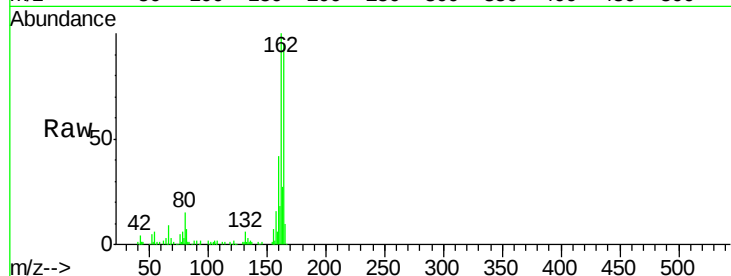
Tot Ion:164 Resp: 97665

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

160 44.0 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 174.199 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

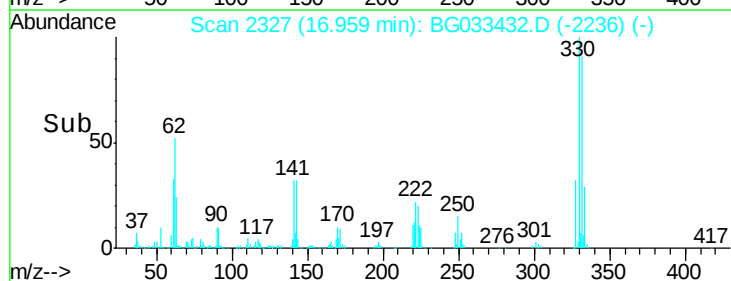
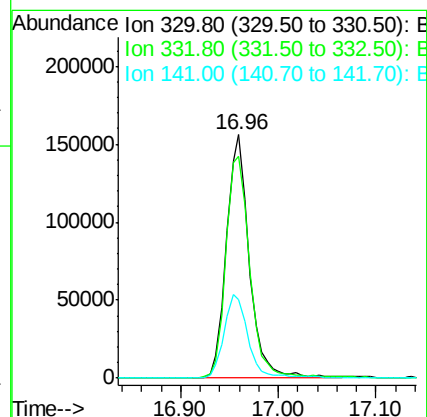
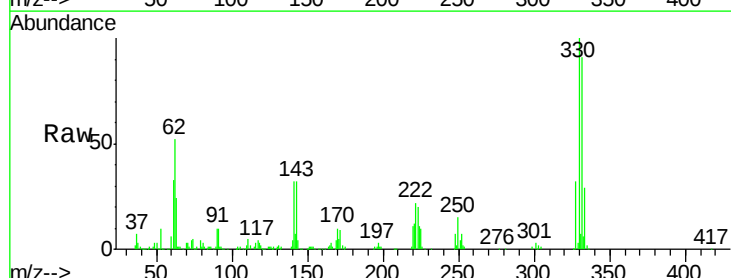
Tgt Ion:330 Resp: 254451

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 35.9 25.2 37.8

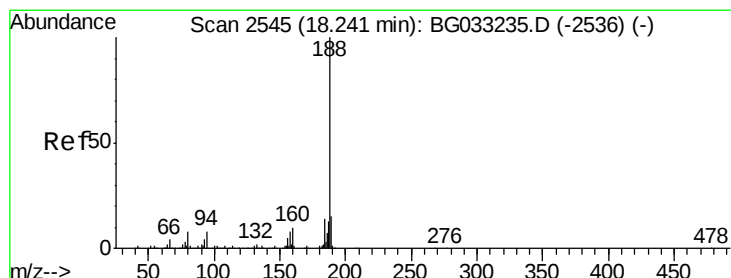
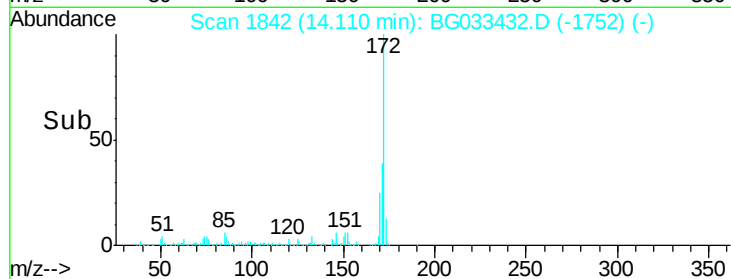
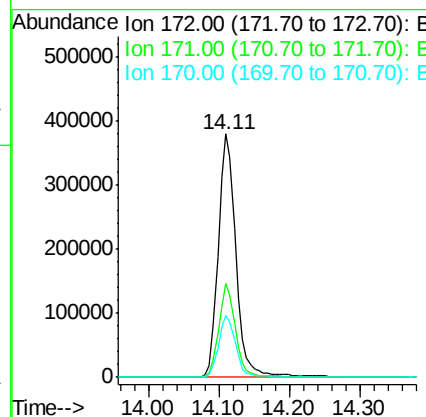
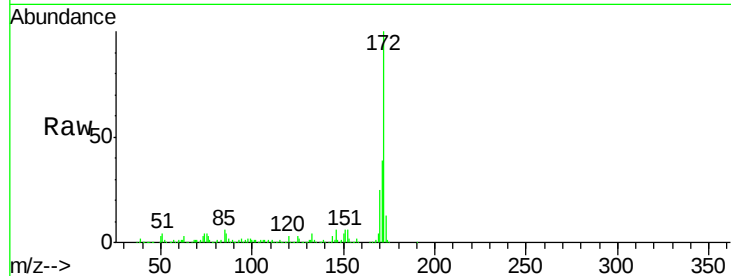




#44
2-Fluorobiphenyl
Concen: 97.711 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

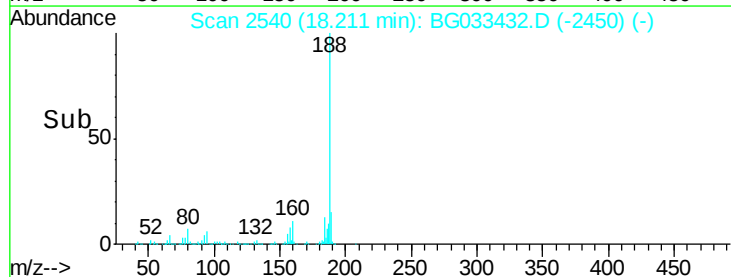
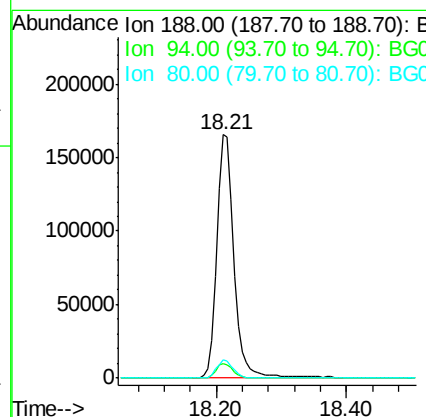
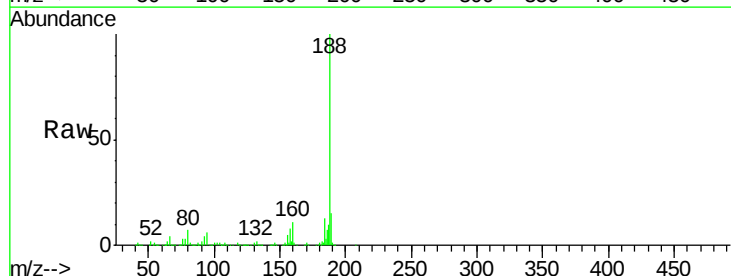
Instrument :
BNA_G
ClientSampleId :
RS-124023-124035

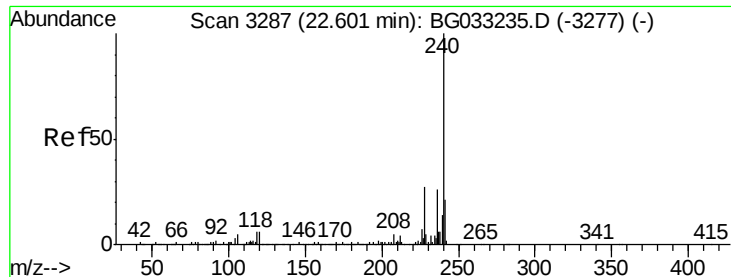
Tot Ion:172 Resp: 661039
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion:188 Resp: 302783
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.5 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: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

RS-124023-124035

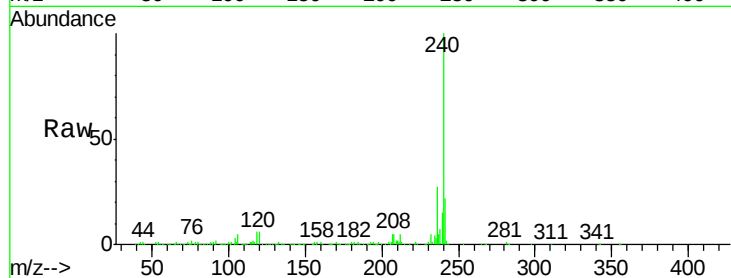
Tot Ion:240 Resp: 325146

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

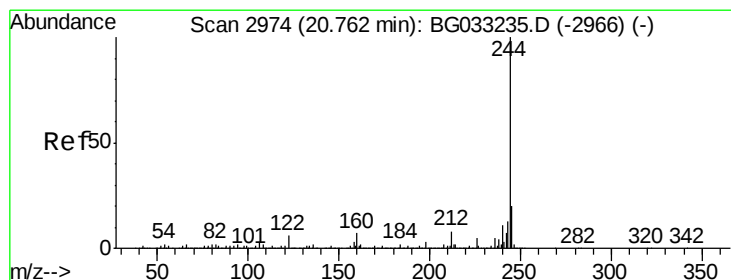
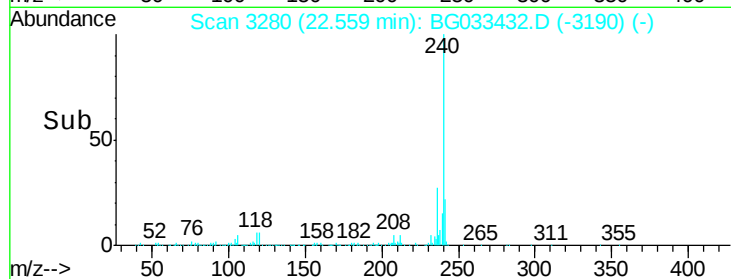
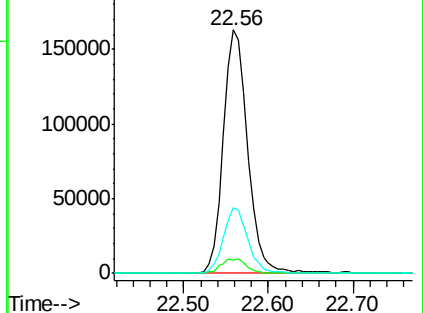
236 27.2 20.9 31.3



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: 100.325 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

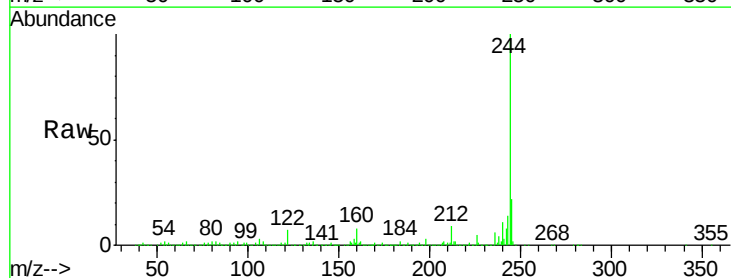
Tgt Ion:244 Resp: 1525311

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

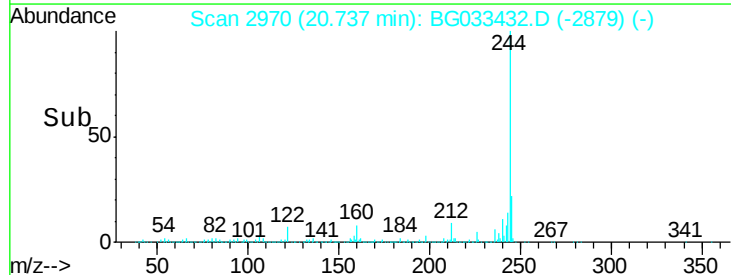
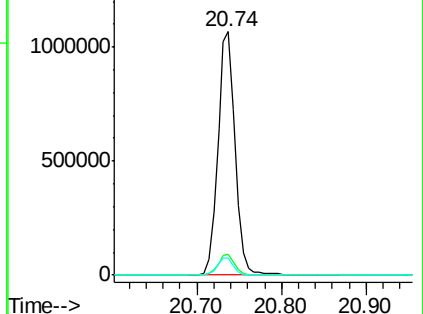
122 6.8 7.0 10.4#



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# 3922
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :
RS-124023-124035

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.7	17.7	26.5

