

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033487.D
 Acq On : 2 Apr 2018 15:01
 Operator : SJ/JU
 Sample : J2103-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS

Quant Time: Apr 03 04:24:15 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

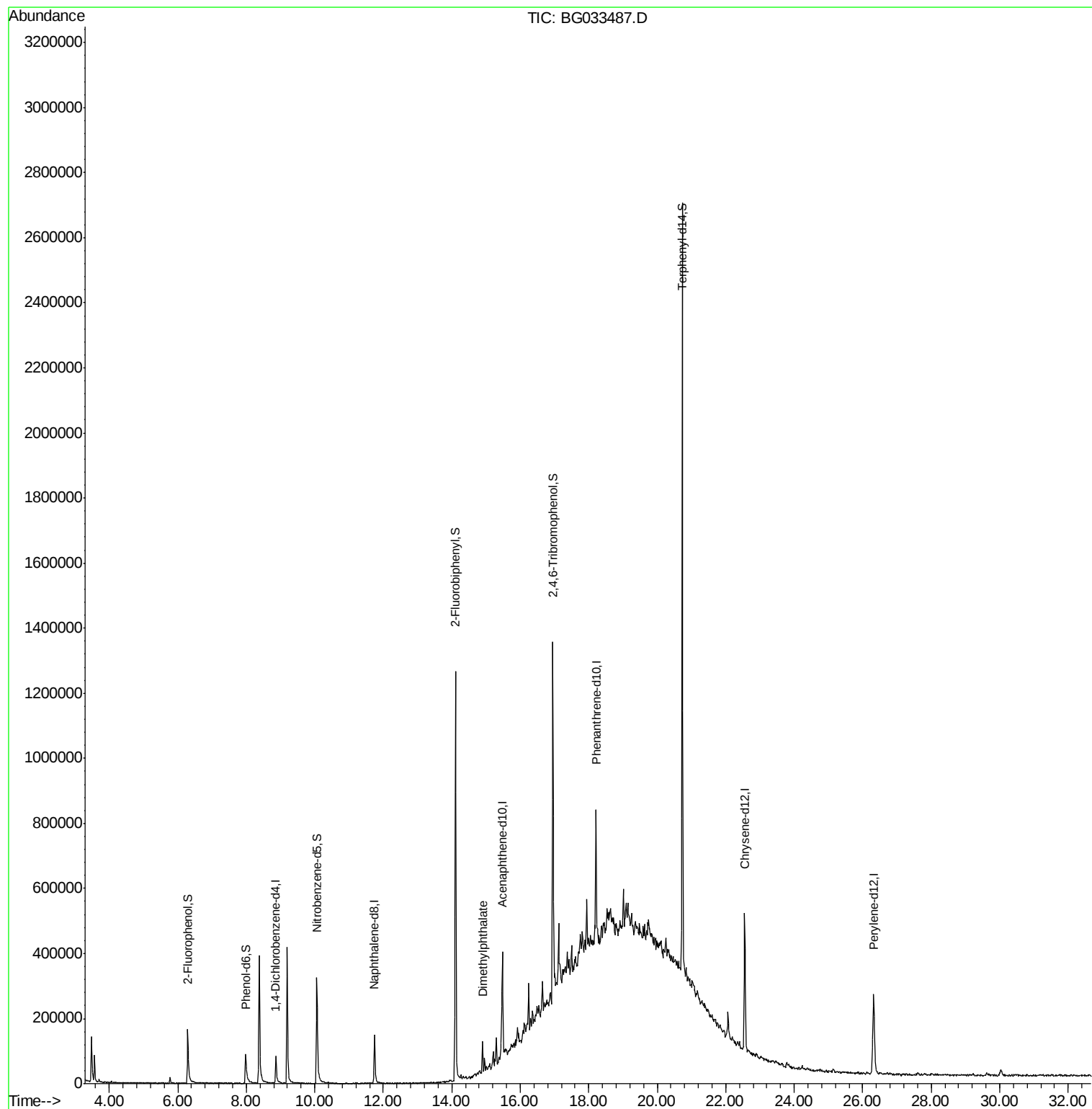
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33305	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	153659	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	122811	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	295648	20.00	ng	0.00
75) Chrysene-d12	22.55	240	318666	20.00	ng	0.00
86) Perylene-d12	26.32	264	342629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	93954	52.90	ng	0.00
7) Phenol-d6	7.98	99	88538	29.01	ng	0.00
23) Nitrobenzene-d5	10.06	82	271886	81.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	217371	118.34	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	738406	86.80	ng	0.00
78) Terphenyl-d14	20.73	244	1200793	80.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	28728	2.688	ng	Qvalue # 92

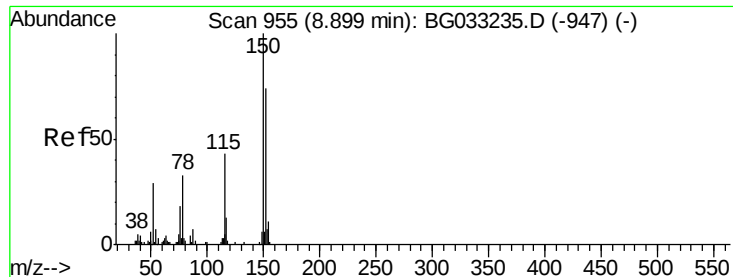
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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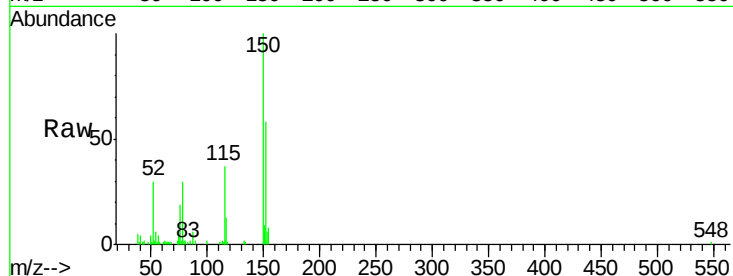


#1

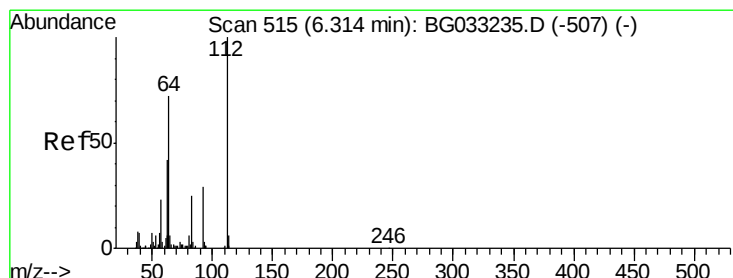
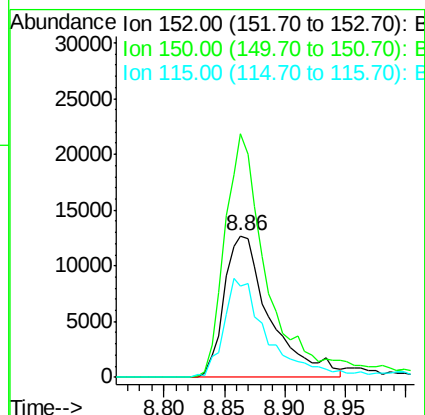
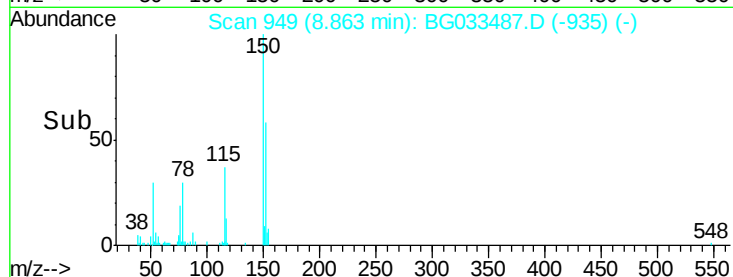
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033487.D
Acq: 2 Apr 2018 15:01

Instrument :
BNA_G
ClientSampled :
LS

Tot Ion:152 Resp: 33305
Ion Ratio Lower Upper
152 100
150 171.8 126.6 189.8
115 64.4 53.0 79.4



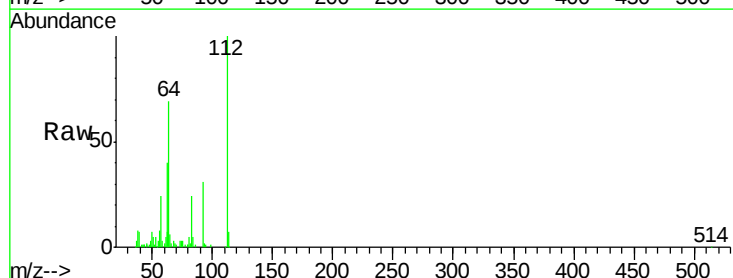
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



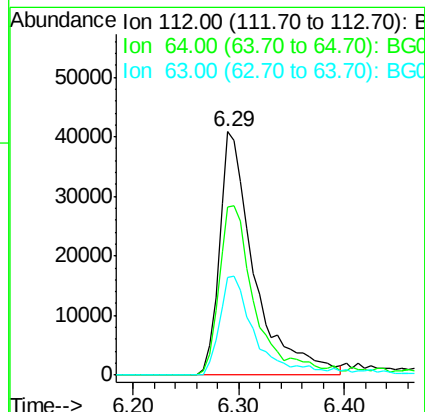
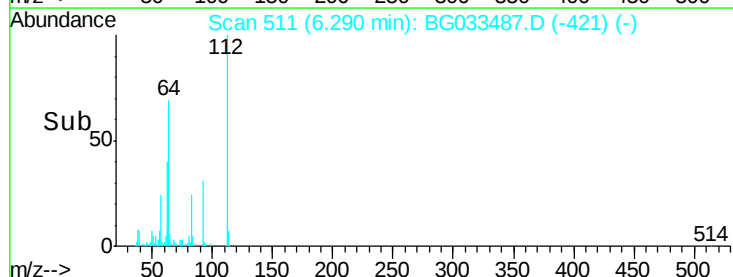
#5

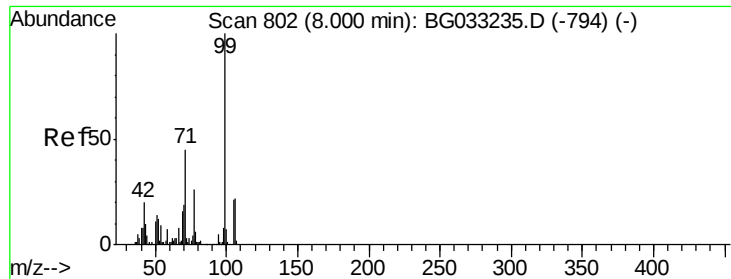
2-Fluorophenol
Concen: 52.897 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033487.D
Acq: 2 Apr 2018 15:01

Tgt Ion:112 Resp: 93954
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 40.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.012 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

LS

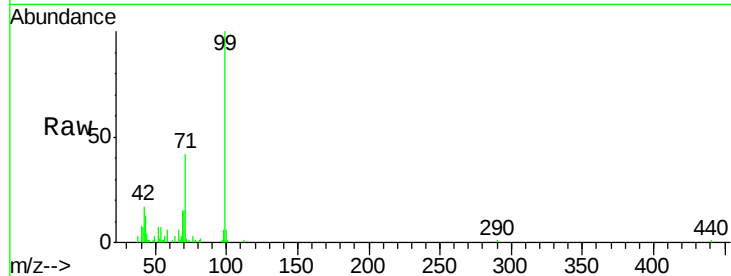
Tot Ion: 99 Resp: 88538

Ion Ratio Lower Upper

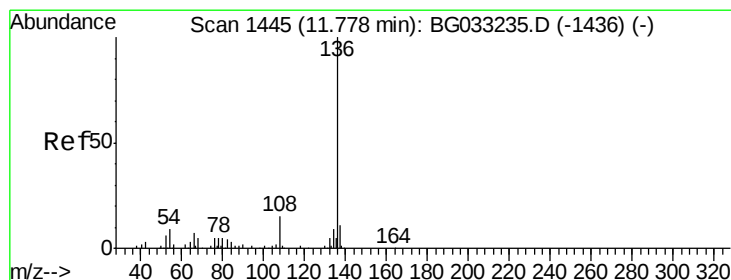
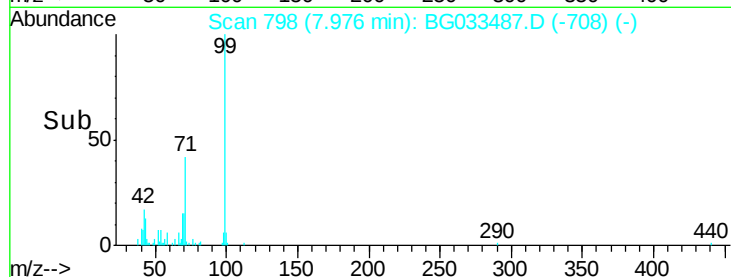
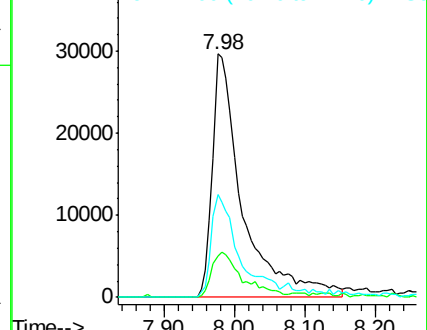
99 100

42 16.9 14.1 21.1

71 42.3 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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Tgt Ion: 136 Resp: 153659

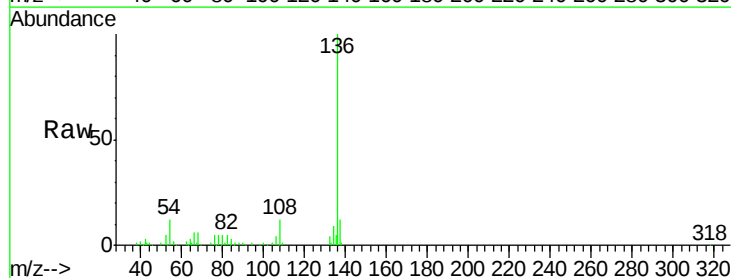
Ion Ratio Lower Upper

136 100

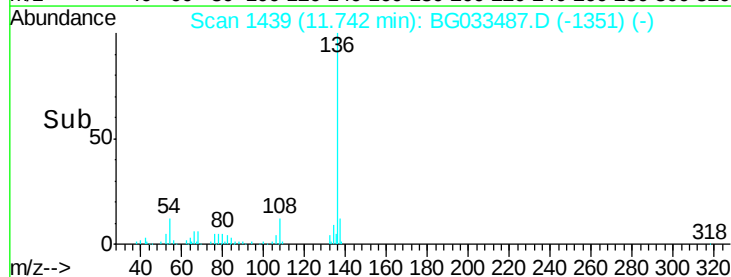
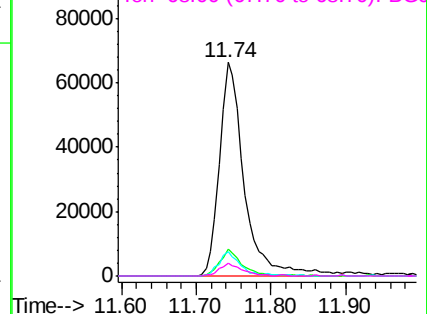
137 12.4 9.2 13.8

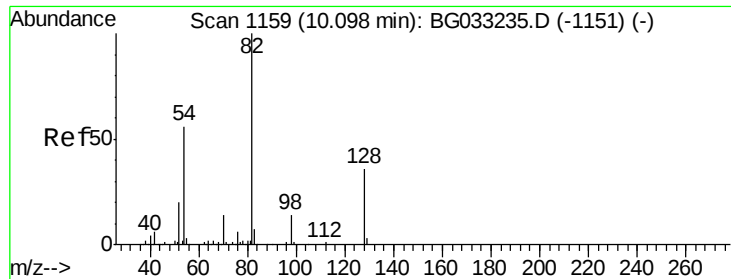
54 11.6 10.3 15.5

68 6.0 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

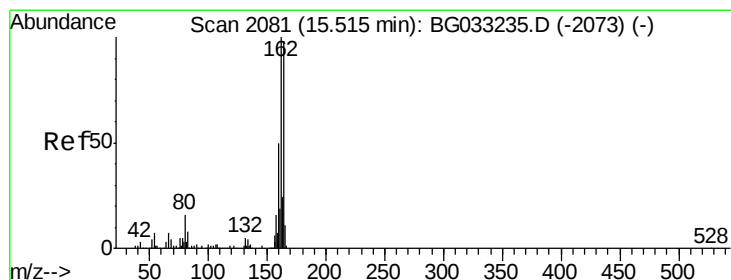
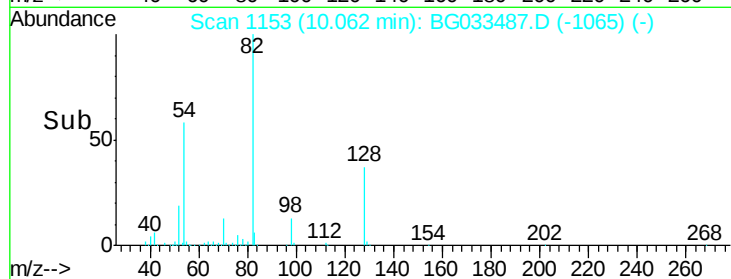
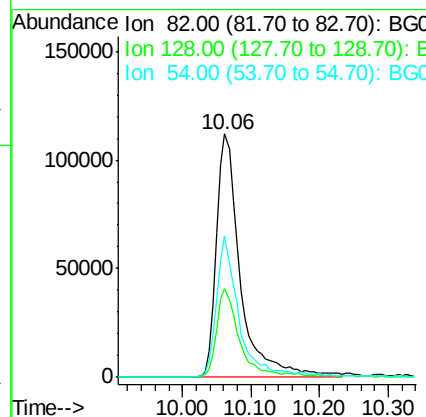
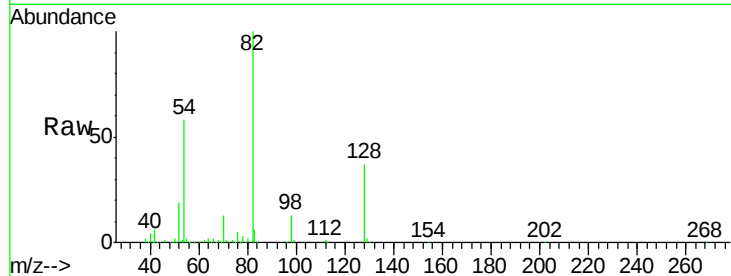




#23
 Nitrobenzene-d5
 Concen: 81.294 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033487.D
 Acq: 2 Apr 2018 15:01

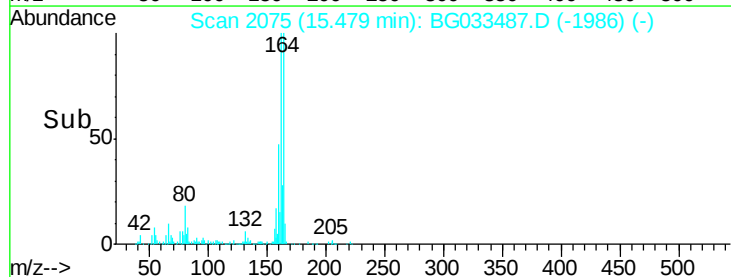
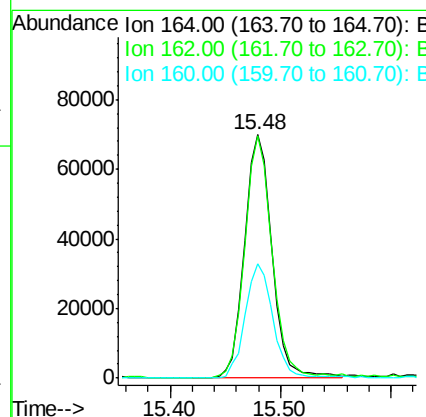
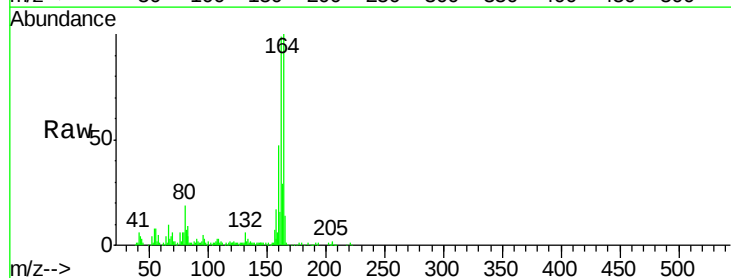
Instrument :
 BNA_G
 ClientSampled :
 LS

Tot Ion	82	Resp	271886
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.7	44.5
54	58.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033487.D
 Acq: 2 Apr 2018 15:01

Tgt Ion	164	Resp	122811
Ion Ratio	Lower	Upper	
164	100		
162	99.3	78.8	118.2
160	47.0	35.4	53.0

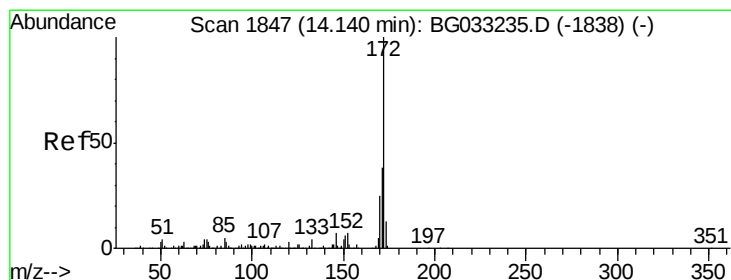
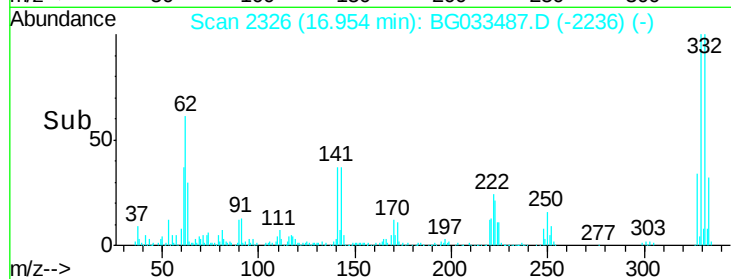
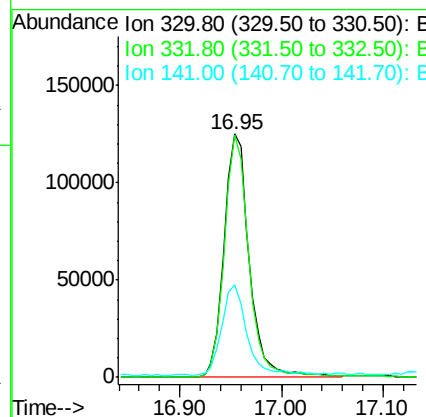
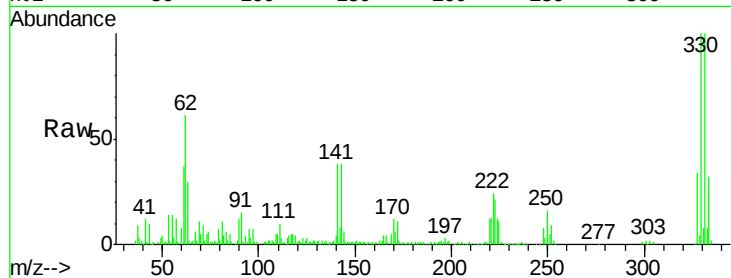




#41
 2,4,6-Tribromophenol
 Concen: 118.343 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033487.D
 Acq: 2 Apr 2018 15:01

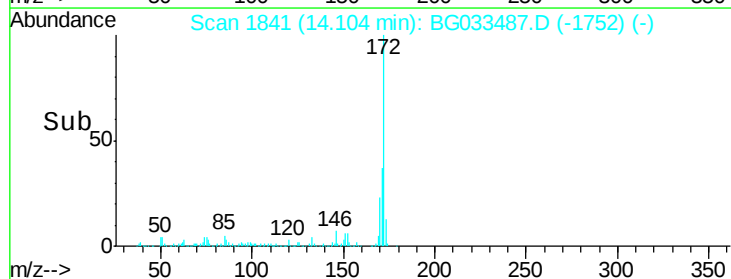
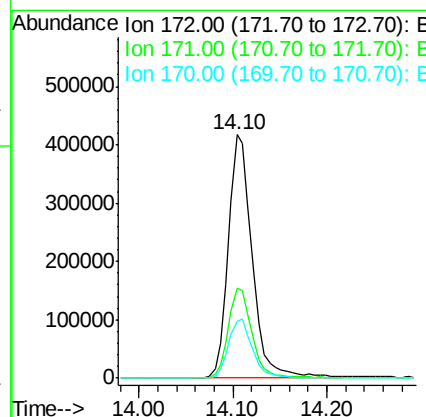
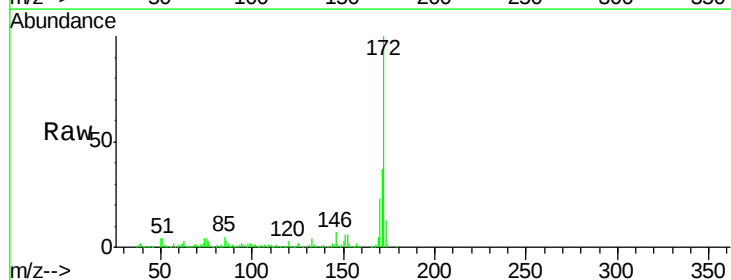
Instrument :
 BNA_G
 ClientSampleId :
 LS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 86.799 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033487.D
 Acq: 2 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.4	19.5	29.3





#49

Dimethylphthalate

Concen: 2.688 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

LS

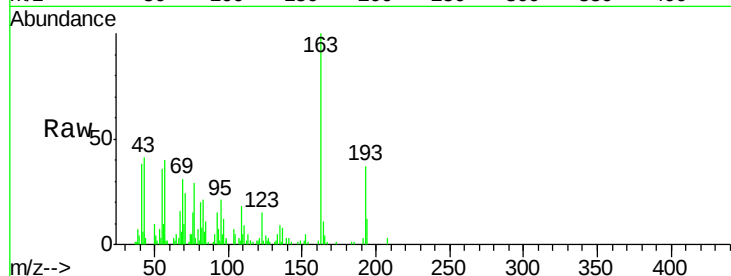
Tot Ion:163 Resp: 28728

Ion Ratio Lower Upper

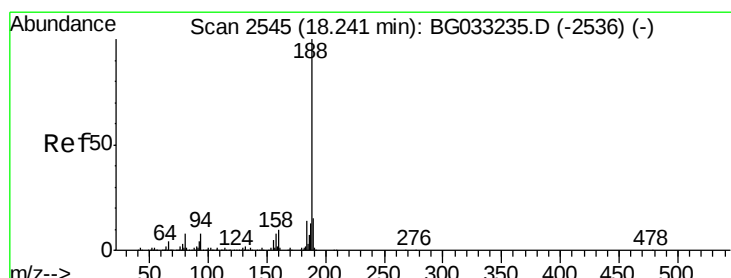
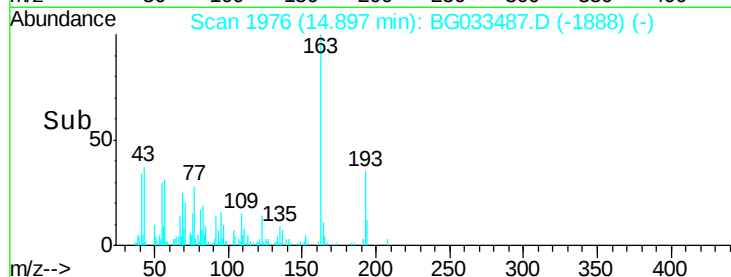
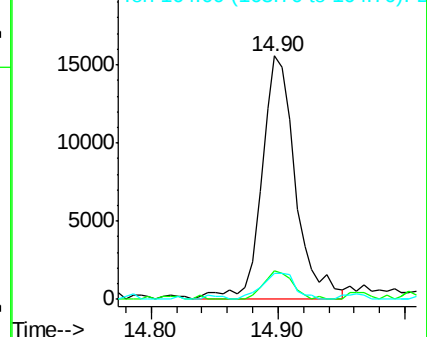
163 100

194 12.0 3.4 5.2#

164 10.7 8.2 12.4



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: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

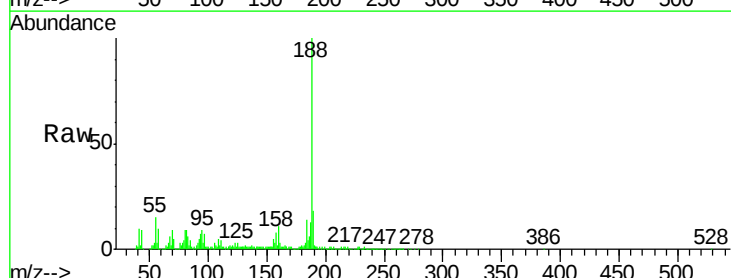
Tgt Ion:188 Resp: 295648

Ion Ratio Lower Upper

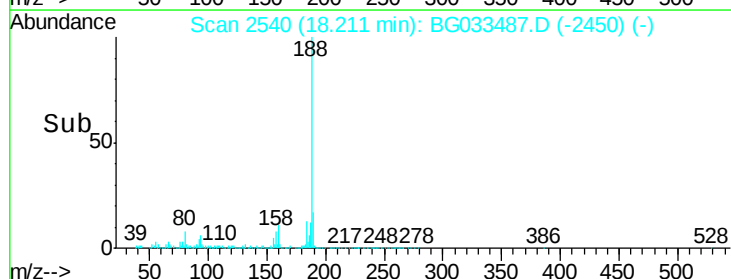
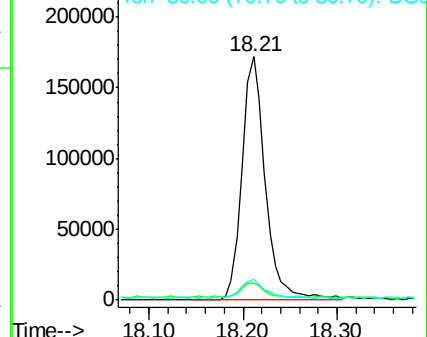
188 100

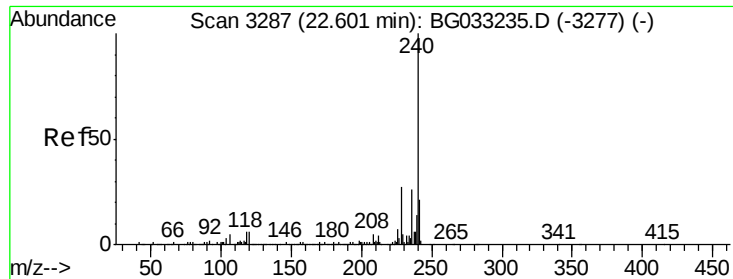
94 7.3 6.9 10.3

80 8.6 7.7 11.5



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: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

Instrument :

BNA_G

ClientSampleId :

LS

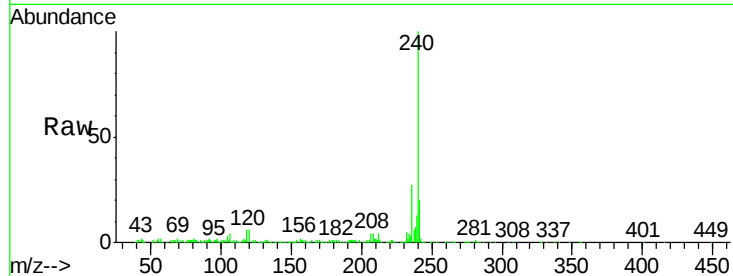
Tot Ion:240 Resp: 318666

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

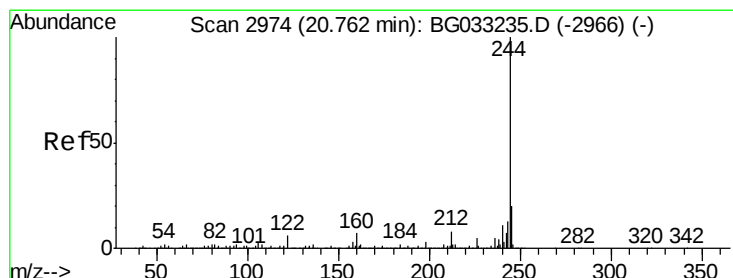
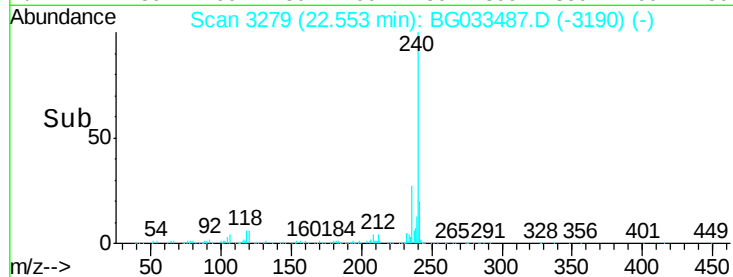
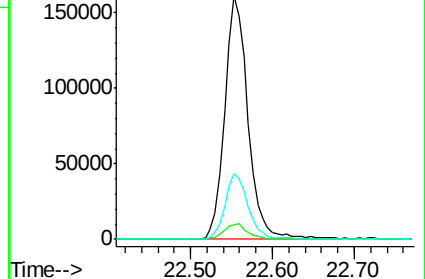
236 27.2 20.9 31.3



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: 80.587 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033487.D

Acq: 2 Apr 2018 15:01

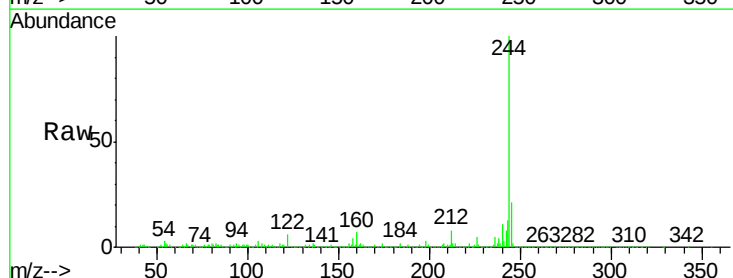
Tgt Ion:244 Resp: 1200793

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

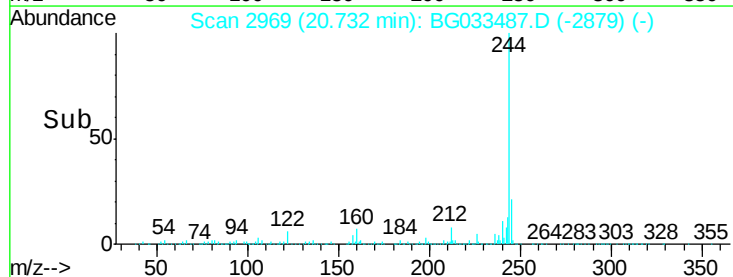
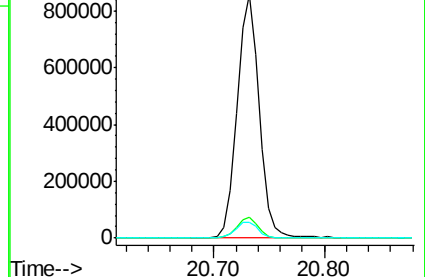
122 6.5 7.0 10.4#

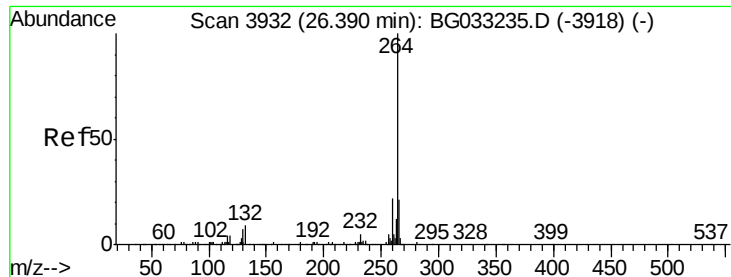


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033487.D
Acq: 2 Apr 2018 15:01

Instrument :
BNA_G
ClientSampleId :
LS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	20.3	17.7	26.5

