

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033282.D
 Acq On : 21 Mar 2018 1:27
 Operator : SJ/JU
 Sample : J1963-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-4-RO

Quant Time: Mar 21 03:46:43 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

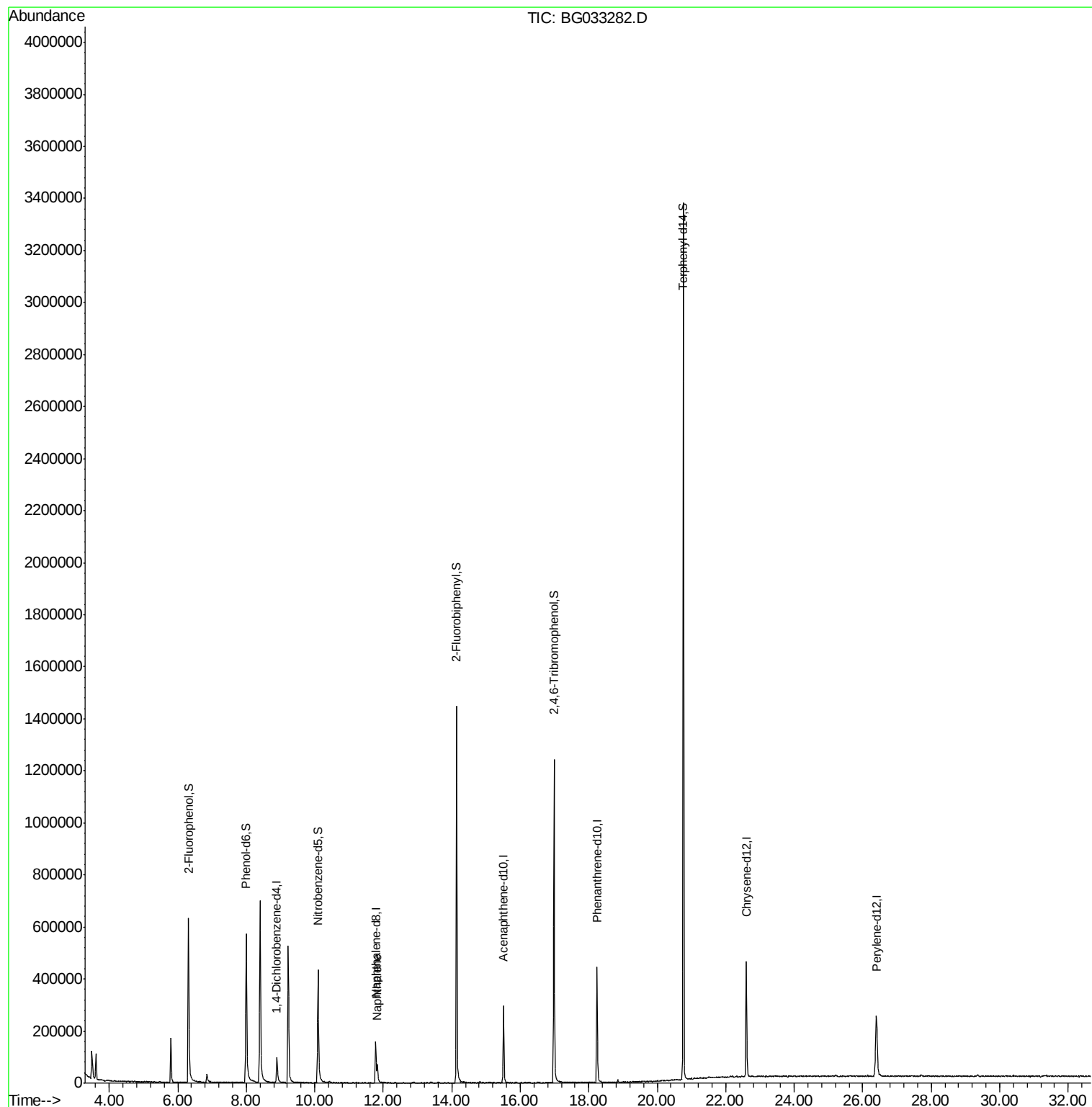
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35869	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155061	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	116828	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	319250	20.00	ng	0.00
75) Chrysene-d12	22.60	240	328064	20.00	ng	0.00
86) Perylene-d12	26.40	264	338331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	316495	165.45	ng	0.00
7) Phenol-d6	8.00	99	428255	130.30	ng	0.00
23) Nitrobenzene-d5	10.10	82	346039	102.53	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	251405	143.88	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	823166	101.72	ng	0.00
78) Terphenyl-d14	20.76	244	1612502	105.12	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	63406	7.891	ng	Qvalue # 95

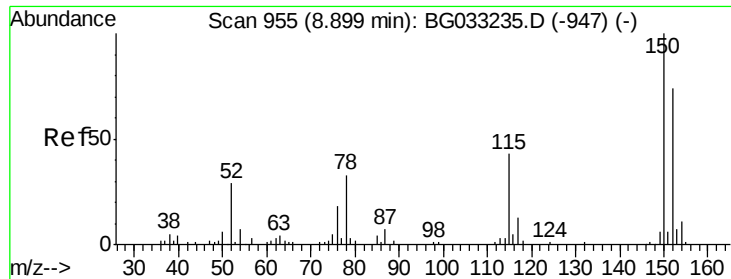
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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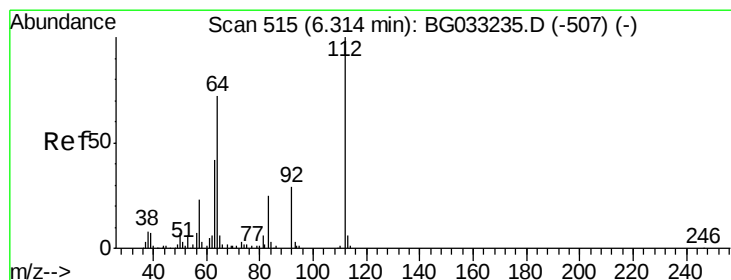
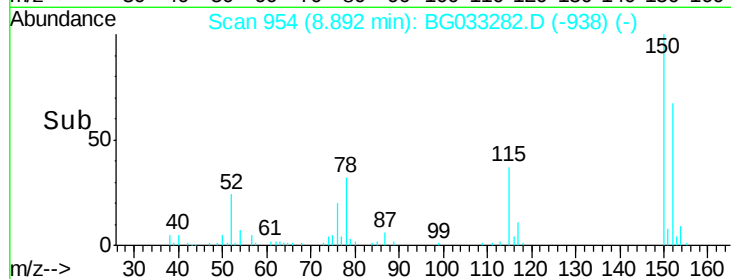
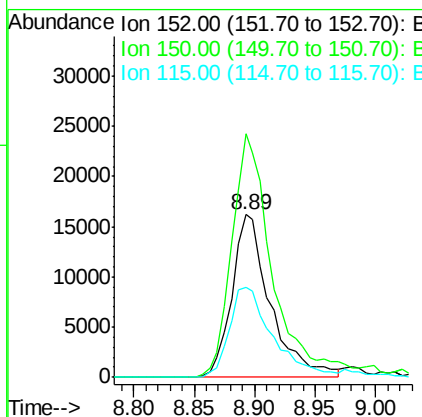
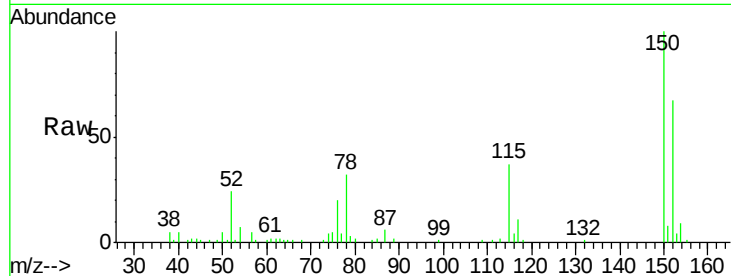


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Instrument :
 BNA_G
 ClientSampleId :
 1-4-RO

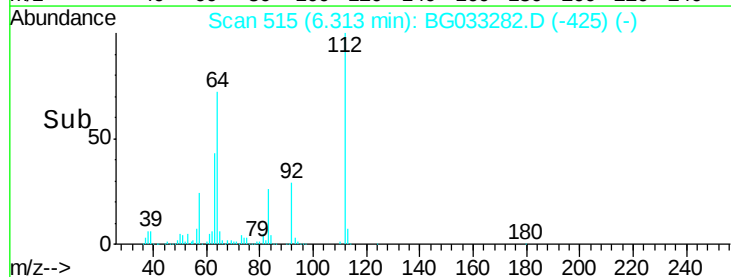
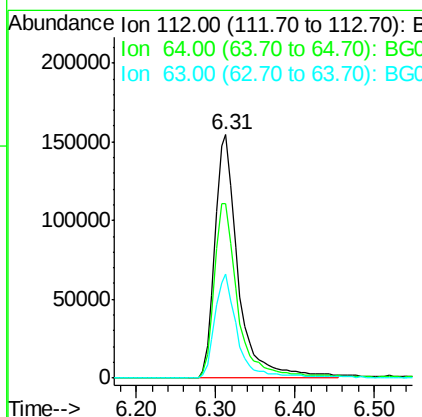
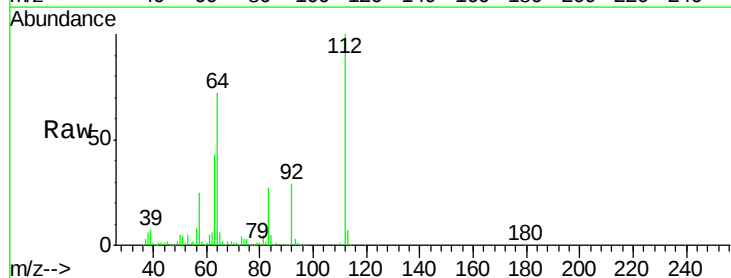
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	55.2	53.0	79.4

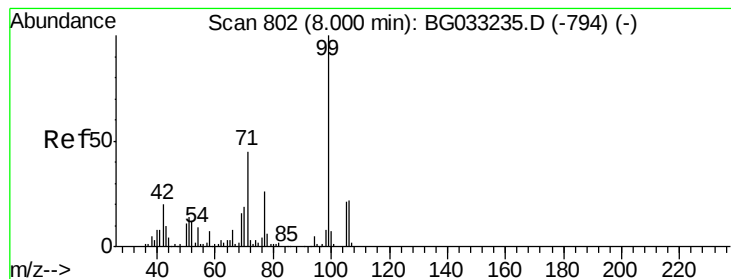


#5

2-Fluorophenol
 Concen: 165.454 ng
 RT: 6.31 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	42.6	30.1	45.1





#7

Phenol-d6

Concen: 130.298 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

1-4-RO

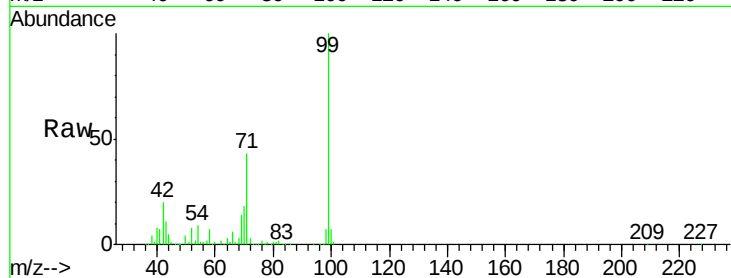
Tot Ion: 99 Resp: 428255

Ion Ratio Lower Upper

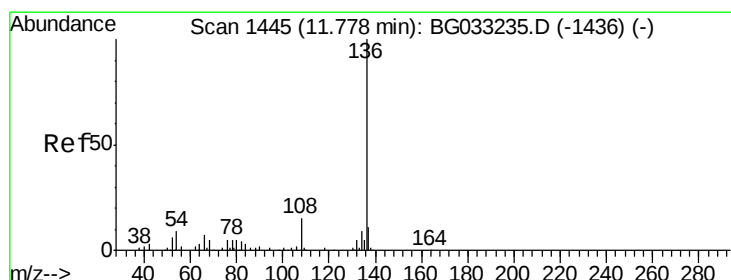
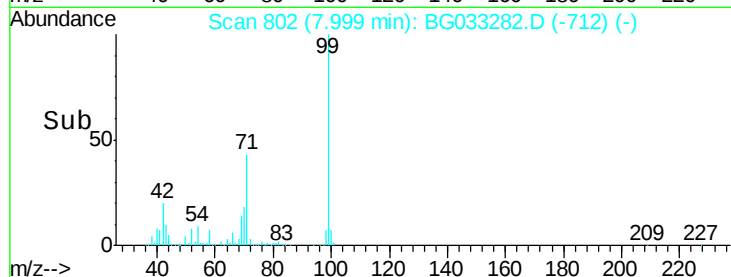
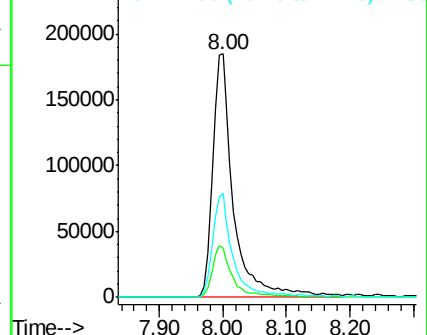
99 100

42 20.1 14.1 21.1

71 42.8 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: BG033282.D

Acq: 21 Mar 2018 1:27

Tgt Ion:136 Resp: 155061

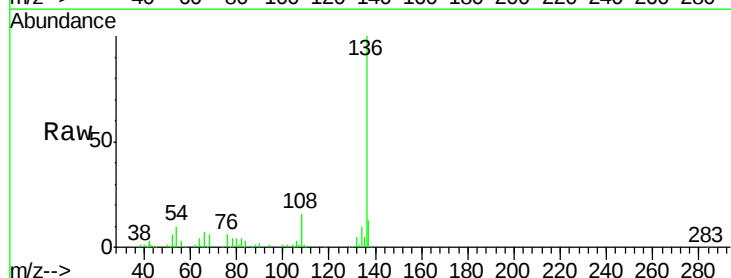
Ion Ratio Lower Upper

136 100

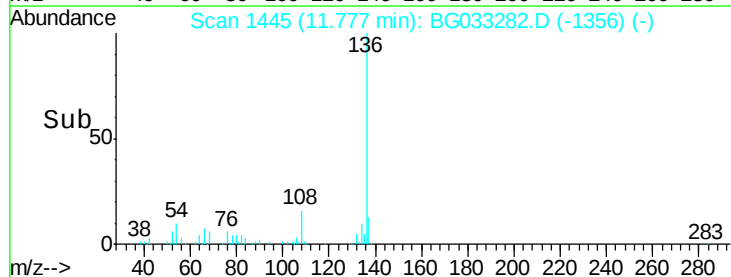
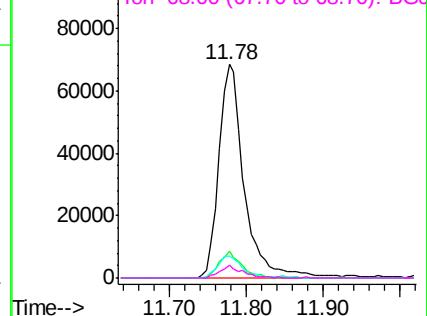
137 12.5 9.2 13.8

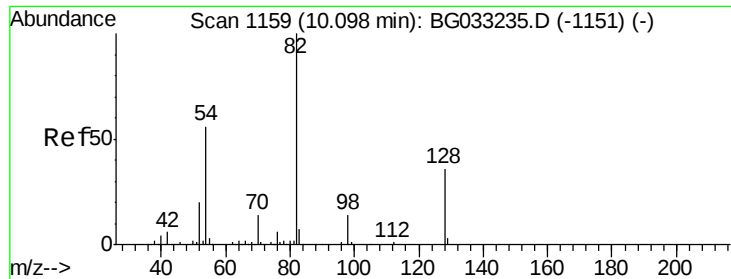
54 10.1 10.3 15.5#

68 5.8 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

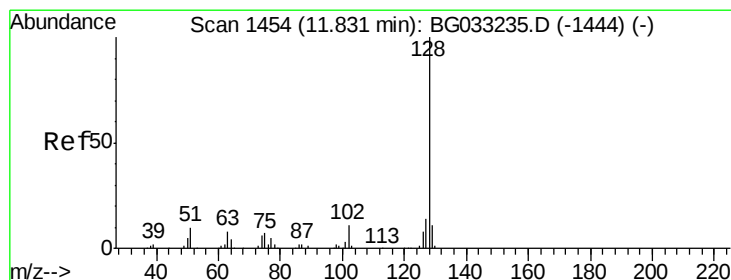
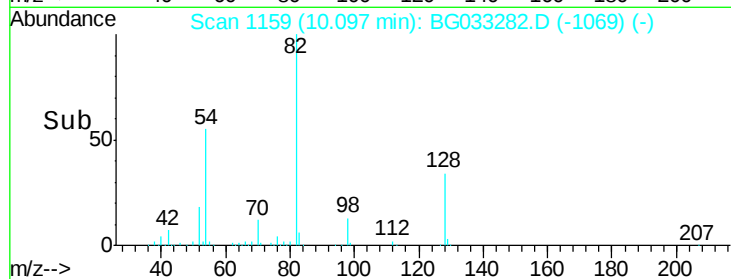
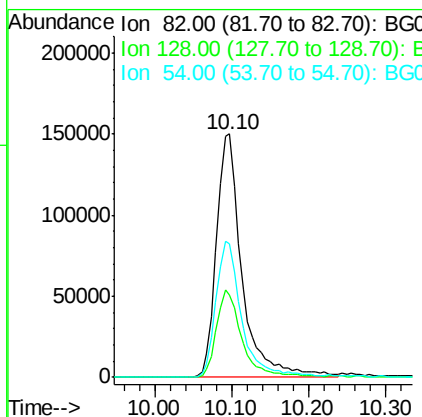
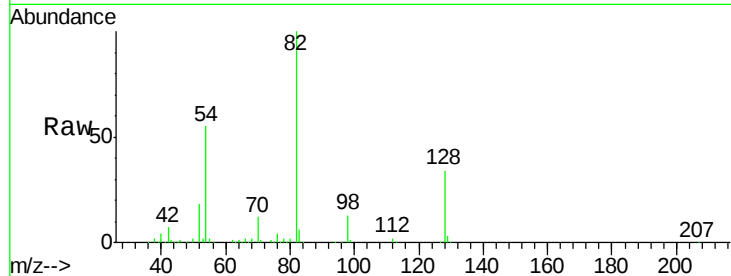




#23
Nitrobenzene-d5
Concen: 102.530 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

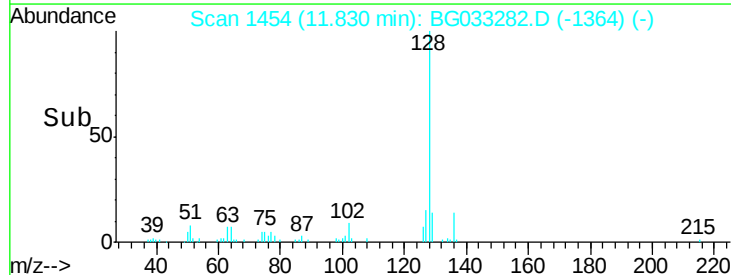
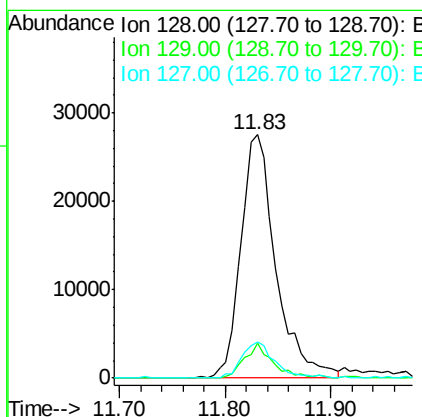
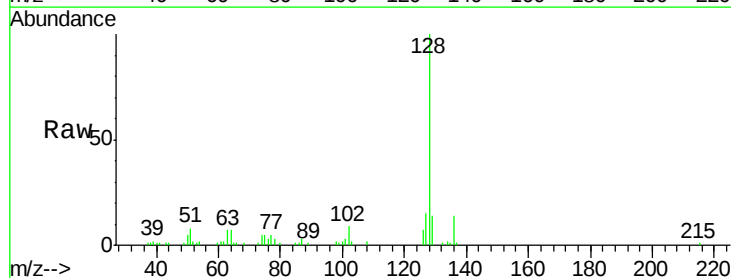
Instrument :
BNA_G
ClientSampleId :
1-4-RO

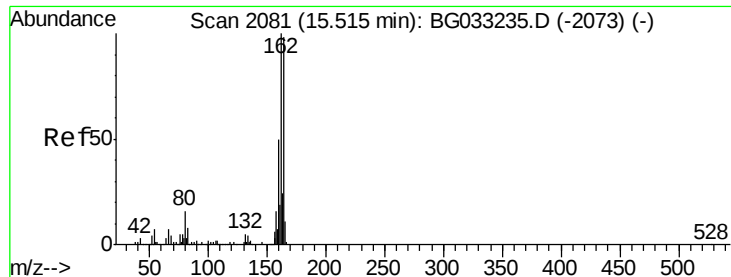
Tot Ion	82	Resp	346039
Ion Ratio	Lower	Upper	
82	100		
128	34.0	29.7	44.5
54	54.9	43.1	64.7



#31
Naphthalene
Concen: 7.891 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Tgt Ion	128	Resp	63406
Ion Ratio	Lower	Upper	
128	100		
129	14.4	8.6	12.8#
127	14.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

1-4-RO

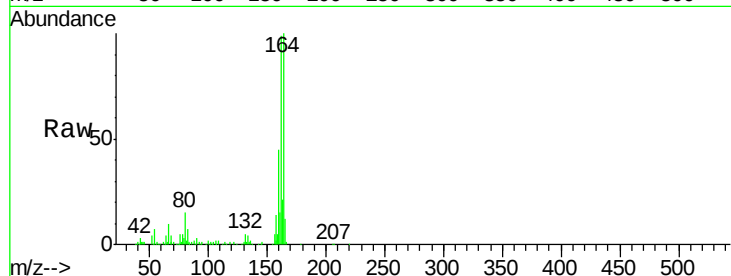
Tot Ion:164 Resp: 116828

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

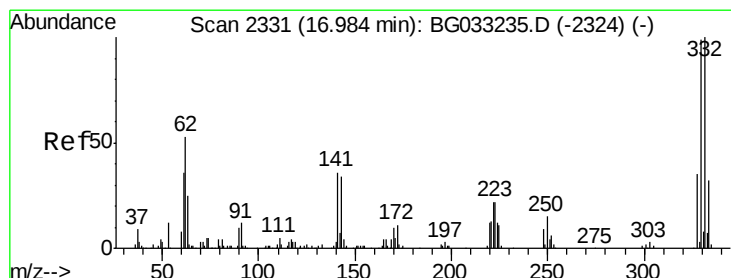
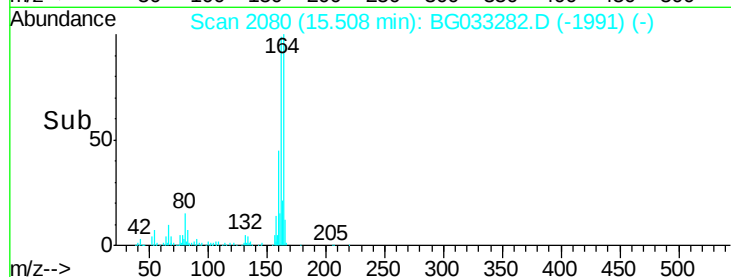
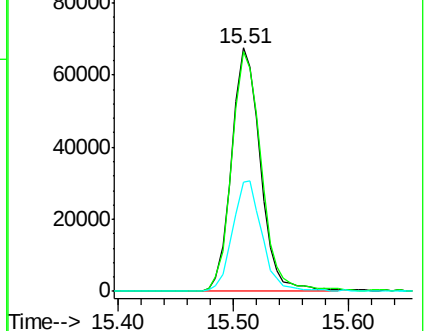
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.882 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

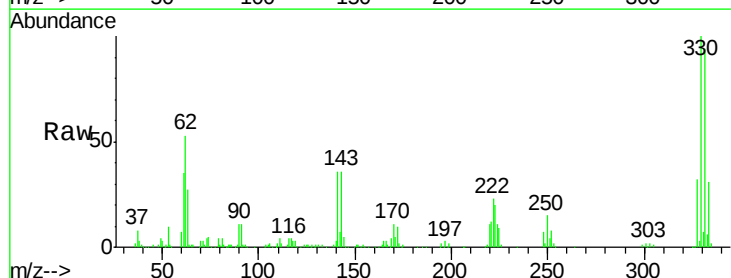
Tgt Ion:330 Resp: 251405

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

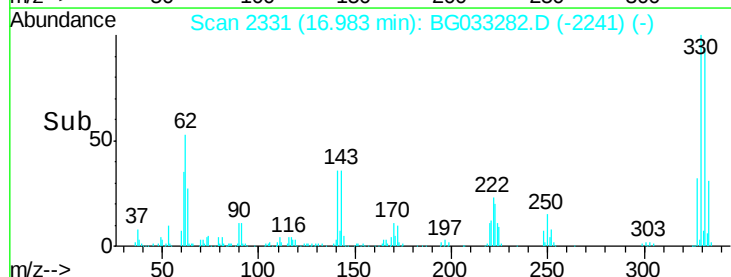
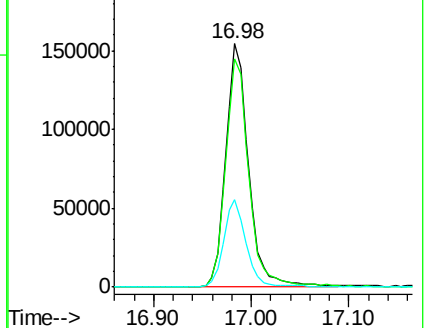
141 35.4 25.2 37.8

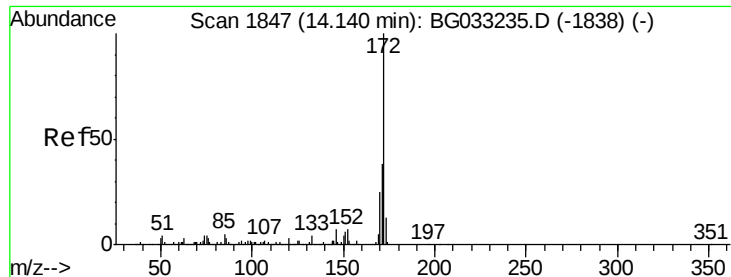


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

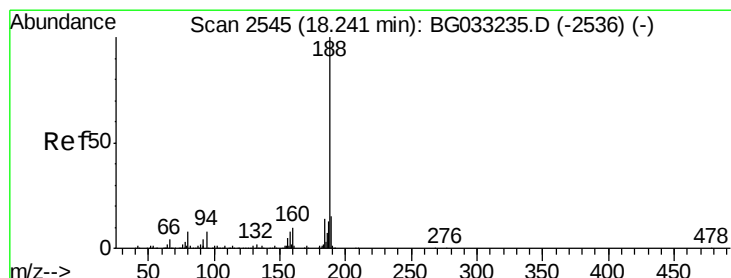
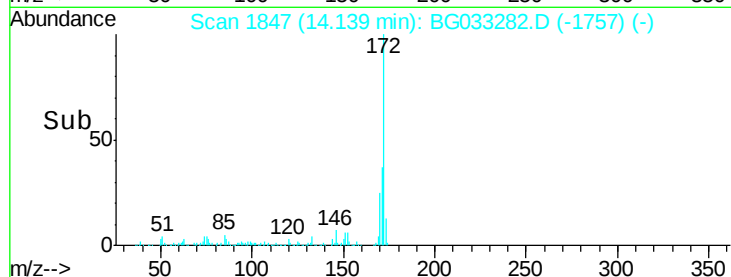
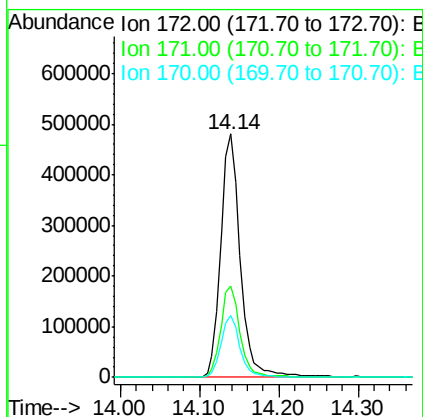
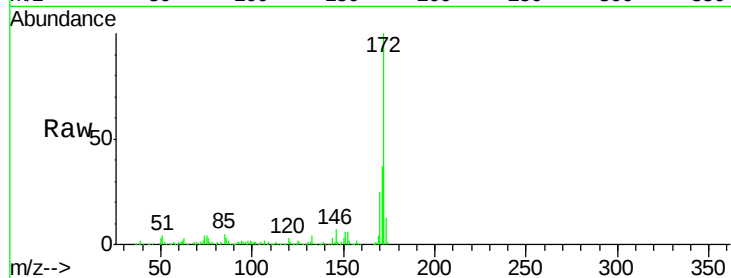




#44
 2-Fluorobiphenyl
 Concen: 101.718 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

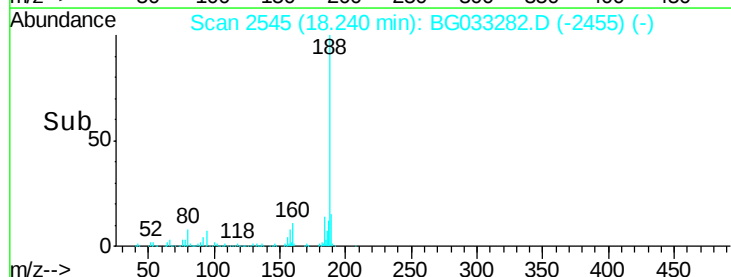
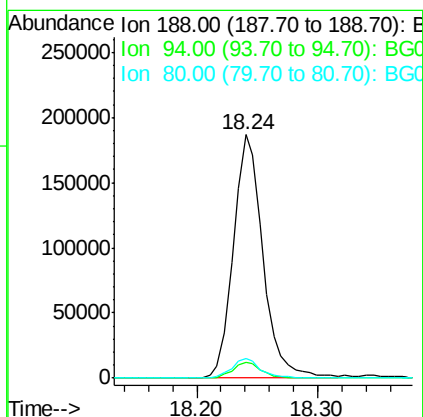
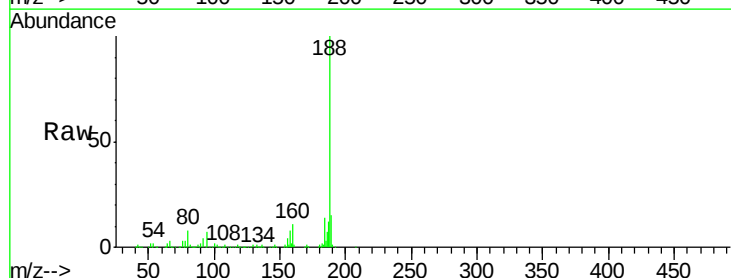
Instrument :
 BNA_G
 ClientSampleId :
 1-4-RO

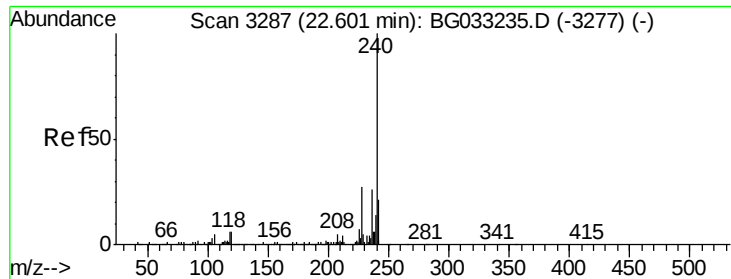
Tot Ion:172 Resp: 823166
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Tgt Ion:188 Resp: 319250
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.8 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: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

1-4-RO

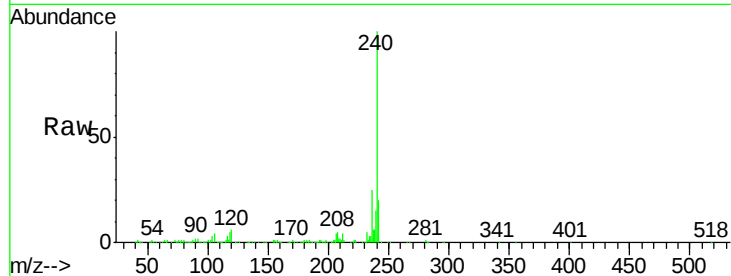
Tot Ion:240 Resp: 328064

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

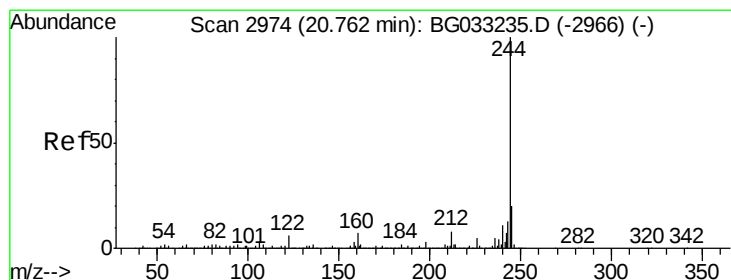
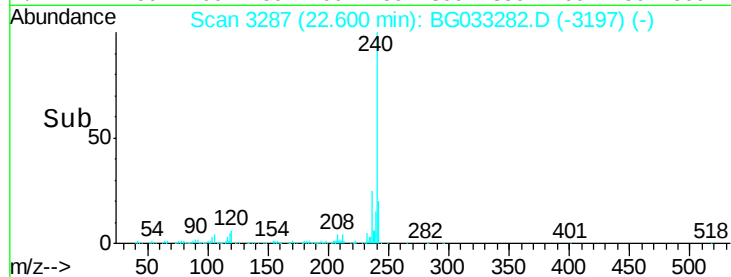
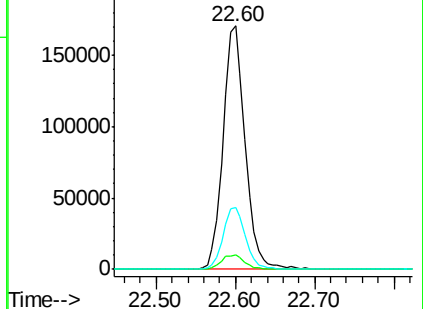
236 25.4 20.9 31.3



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: 105.117 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

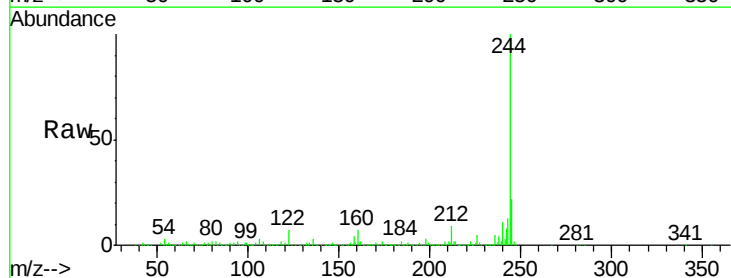
Tgt Ion:244 Resp: 1612502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

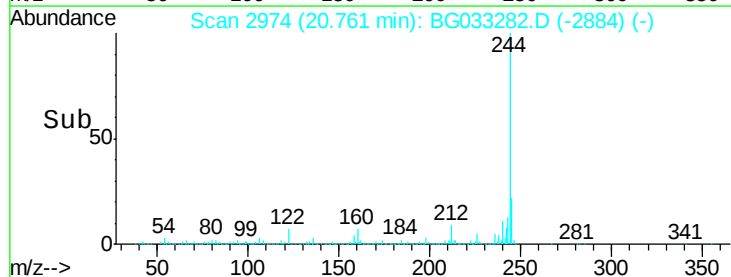
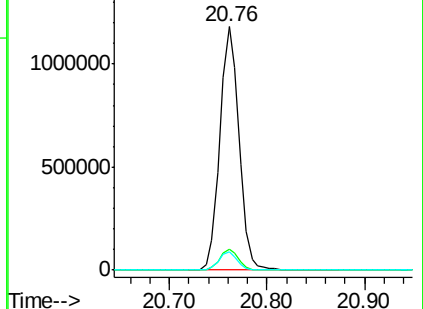
122 7.3 7.0 10.4

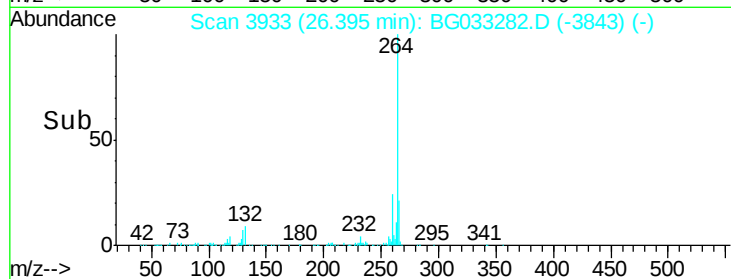
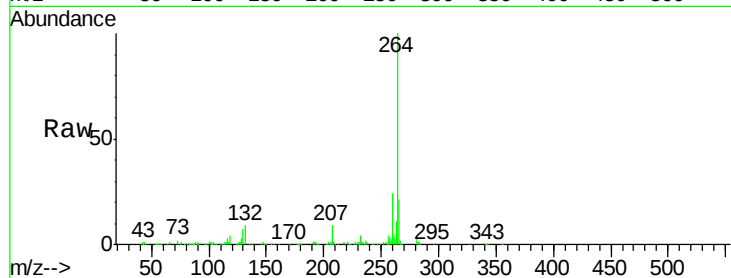
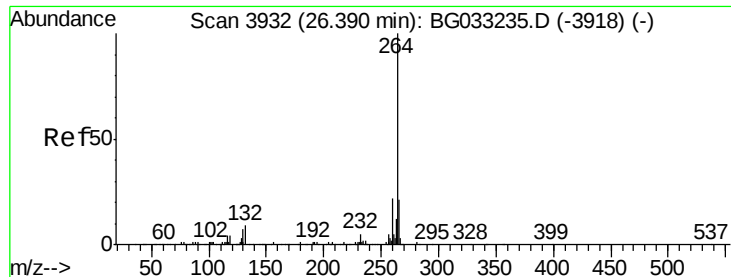


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

1-4-RO

Tot Ion:264 Resp: 338331

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.1 17.7 26.5

