

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033348.D
 Acq On : 27 Mar 2018 2:47
 Operator : SJ/JU
 Sample : J1748-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-032218-C

Quant Time: Mar 27 08:32:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	39532	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	159791	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	123258	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	334492	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	352109	20.00	ng	-0.04
86) Perylene-d12	26.33	264	370335	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	325169	154.24	ng	-0.02
7) Phenol-d6	7.97	99	453433	125.18	ng	-0.03
23) Nitrobenzene-d5	10.07	82	358840	103.18	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	268762	145.79	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	889253	104.15	ng	-0.03
78) Terphenyl-d14	20.73	244	1653544	100.43	ng	-0.03

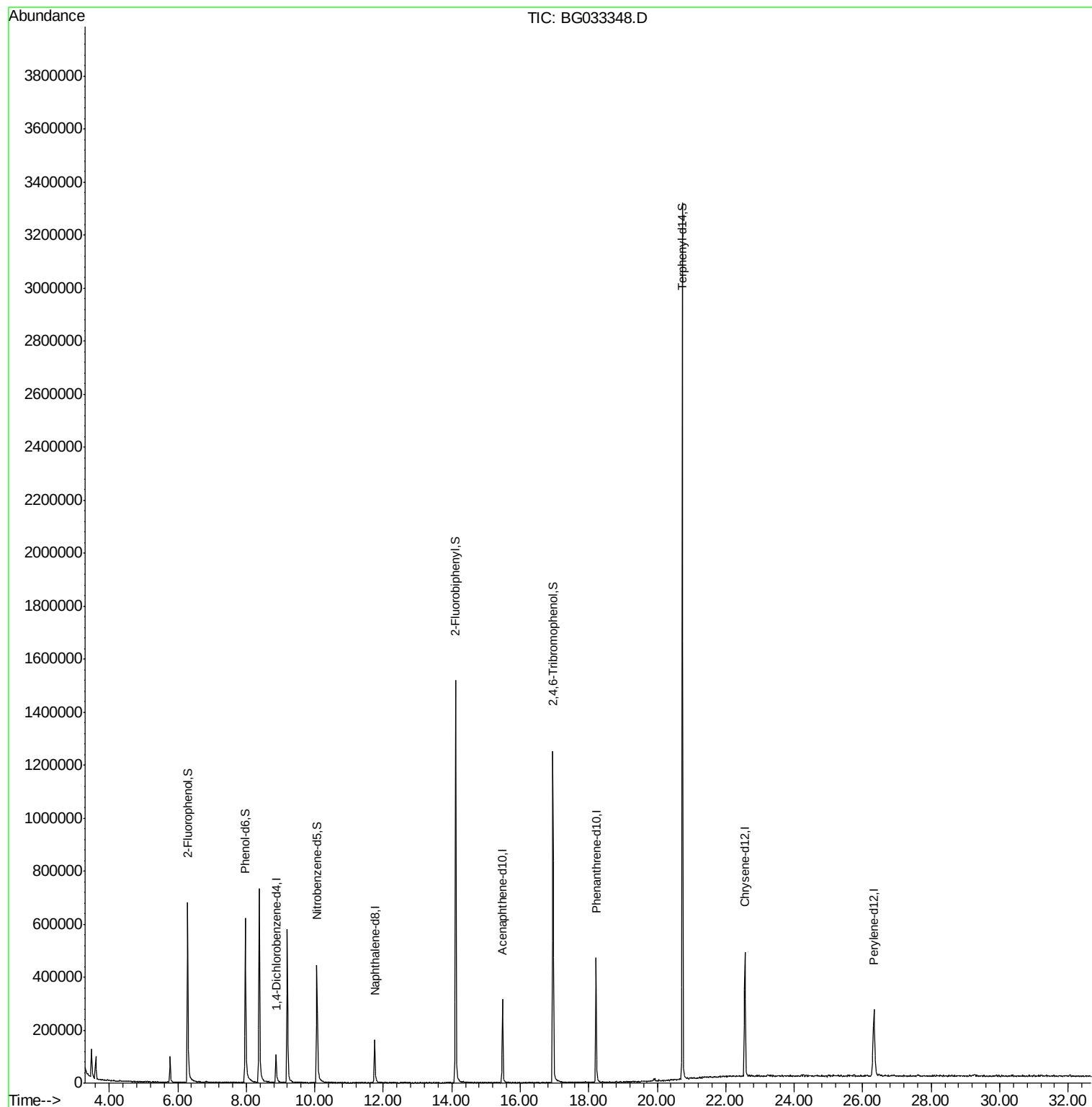
Target Compounds	Qvalue
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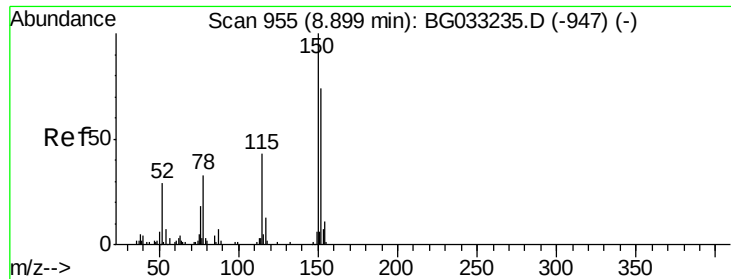
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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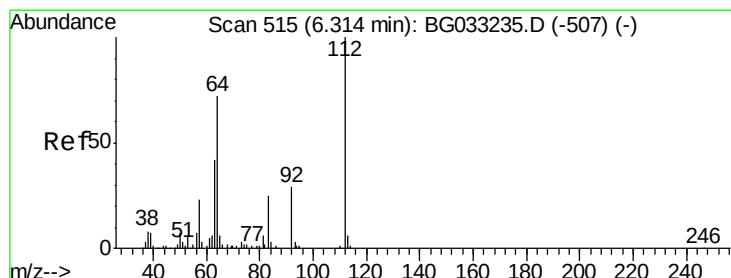
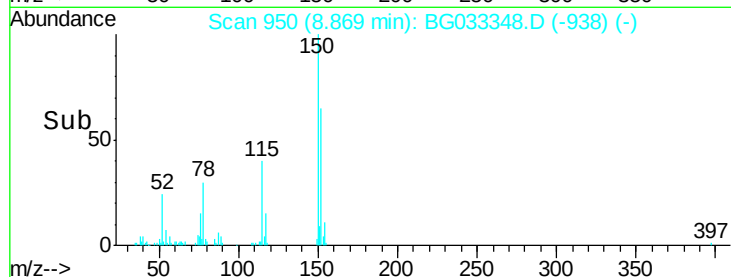
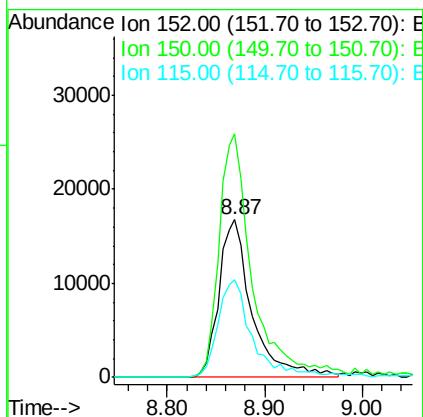
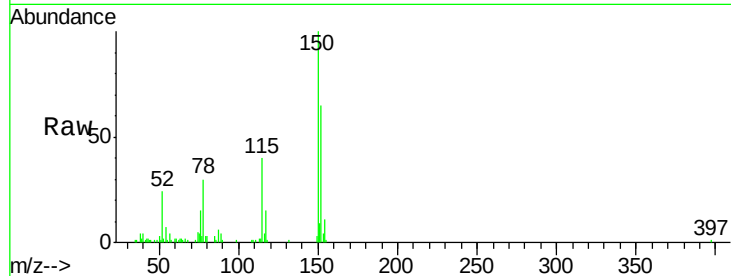


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033348.D
Acq: 27 Mar 2018 2:47

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-C

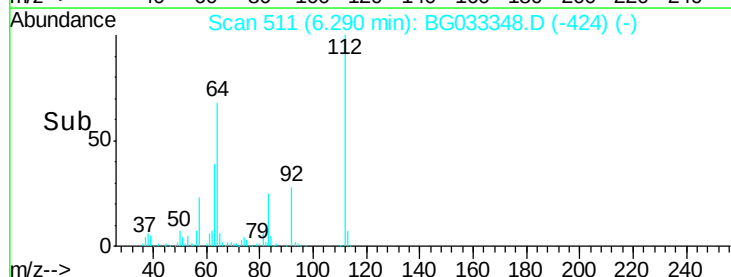
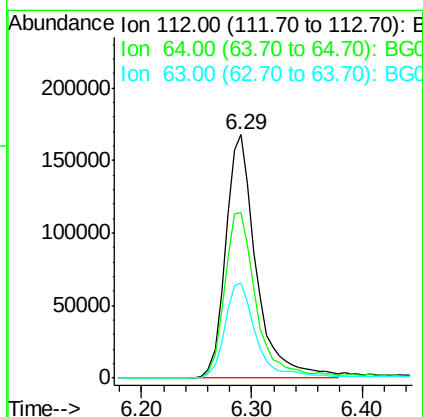
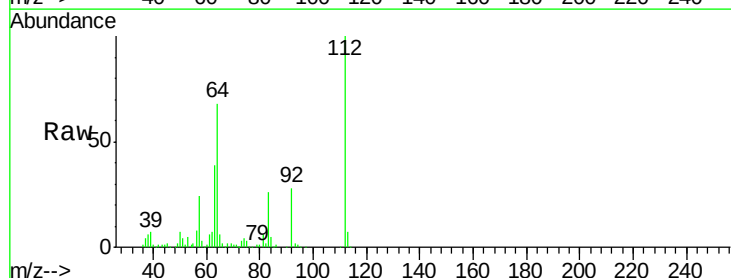
Tgt Ion:152 Resp: 39532
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 62.2 53.0 79.4

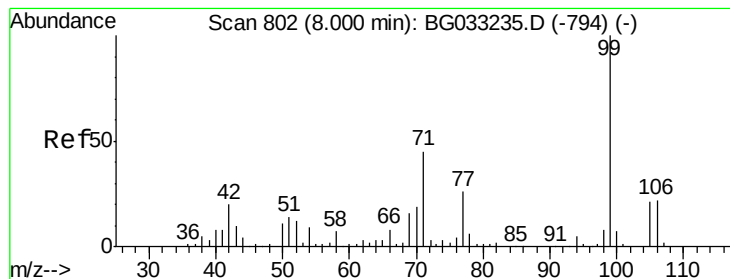


#5

2-Fluorophenol
Concen: 154.237 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033348.D
Acq: 27 Mar 2018 2:47

Tgt Ion:112 Resp: 325169
Ion Ratio Lower Upper
112 100
64 68.1 56.3 84.5
63 39.3 30.1 45.1





#7

Phenol-d6

Concen: 125.175 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033348.D

Acq: 27 Mar 2018 2:47

Instrument :

BNA_G

ClientSampleId :

AU-05-032218-C

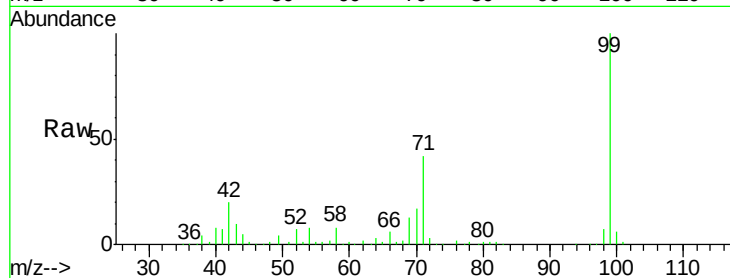
Tgt Ion: 99 Resp: 453433

Ion Ratio Lower Upper

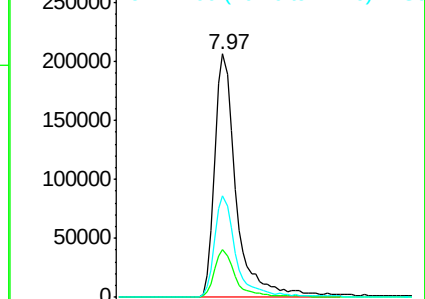
99 100

42 19.8 14.1 21.1

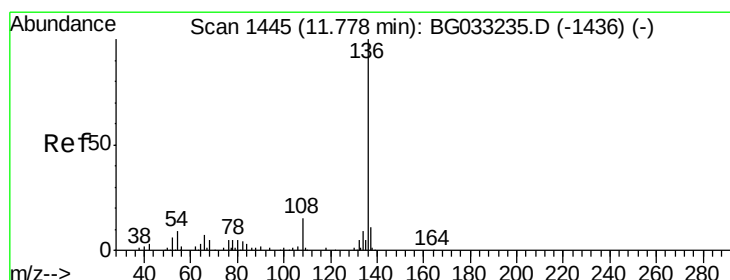
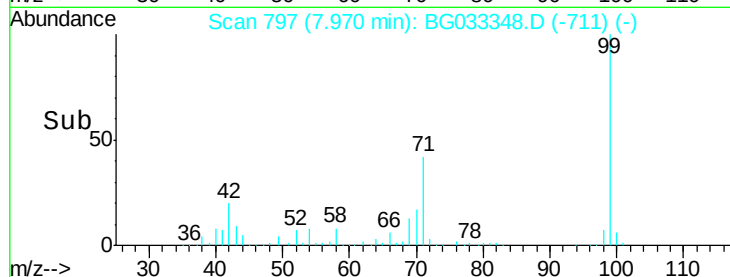
71 41.7 26.1 39.1#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033348.D

Acq: 27 Mar 2018 2:47

Tgt Ion: 136 Resp: 159791

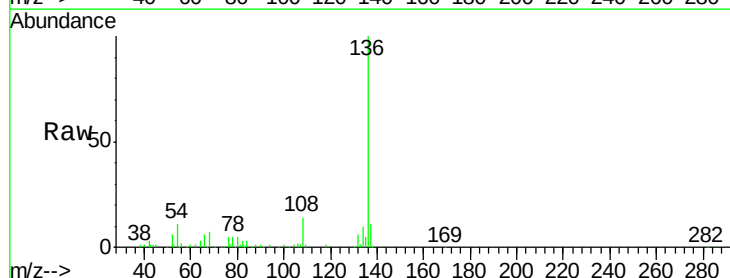
Ion Ratio Lower Upper

136 100

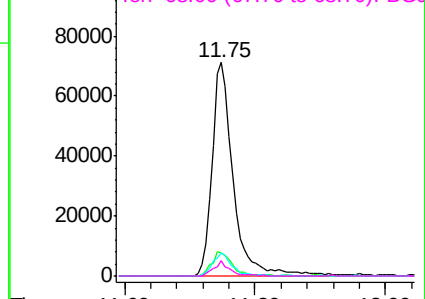
137 10.6 9.2 13.8

54 10.7 10.3 15.5

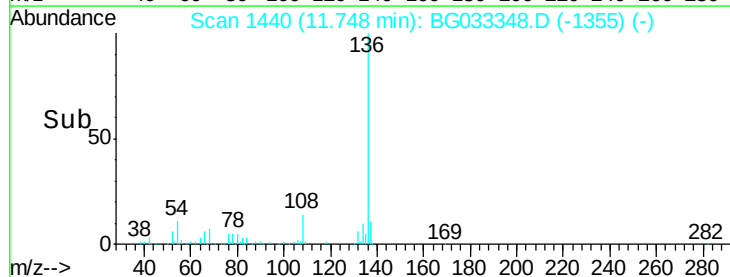
68 7.2 4.5 6.7#

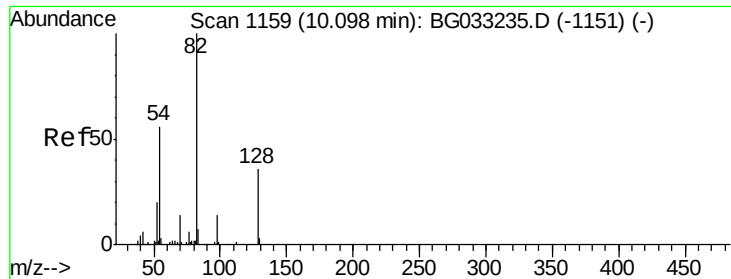


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

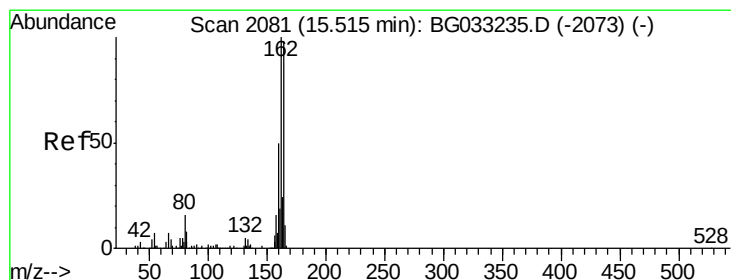
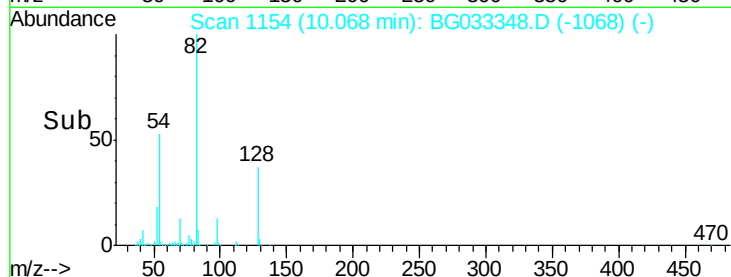
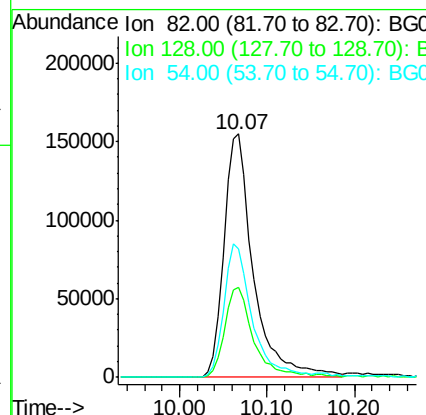
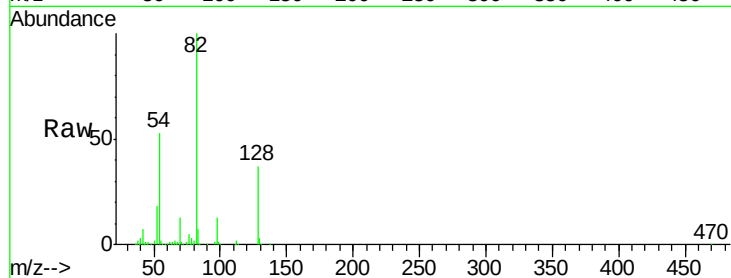




#23
 Nitrobenzene-d5
 Concen: 103.176 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033348.D
 Acq: 27 Mar 2018 2:47

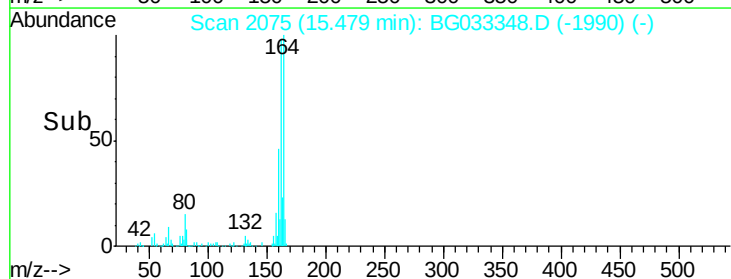
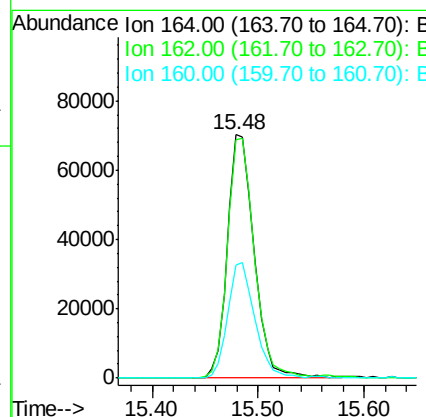
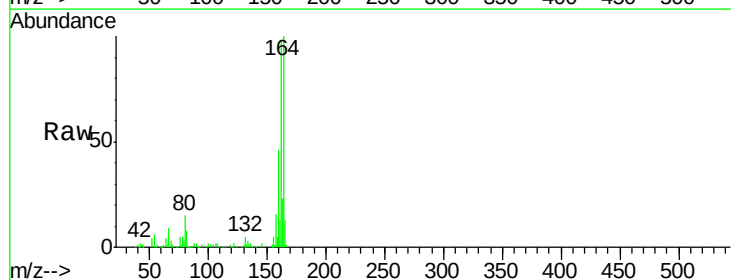
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-032218-C

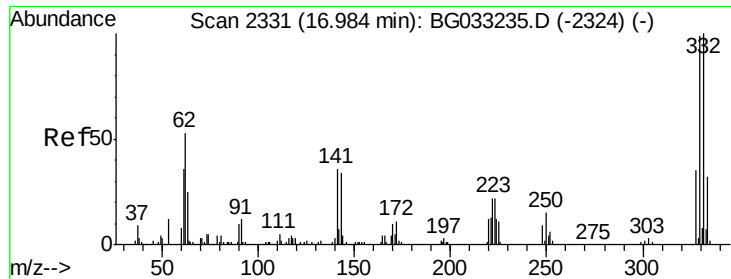
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.7	44.5
54	52.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033348.D
 Acq: 27 Mar 2018 2:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.8	118.2
160	46.4	35.4	53.0

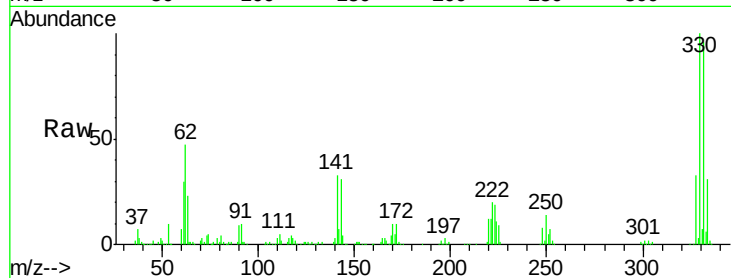




#41
 2,4,6-Tribromophenol
 Concen: 145.792 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.03 min
 Lab File: BG033348.D
 Acq: 27 Mar 2018 2:47

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-032218-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.6	25.2	37.8

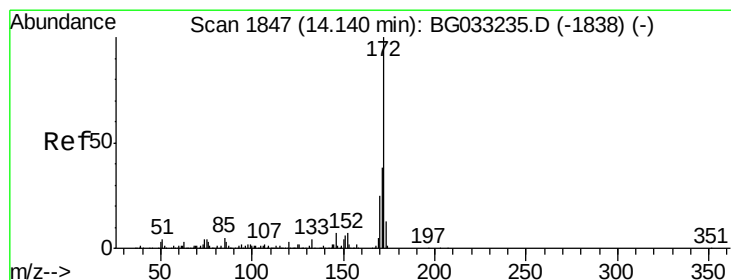
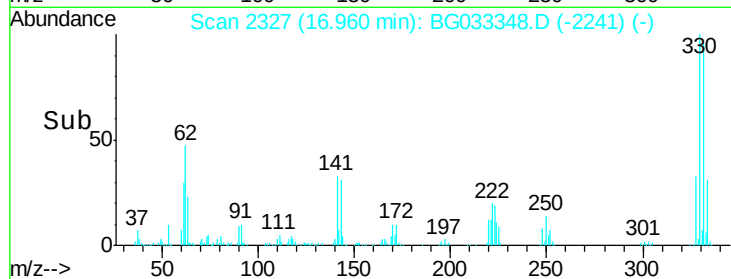
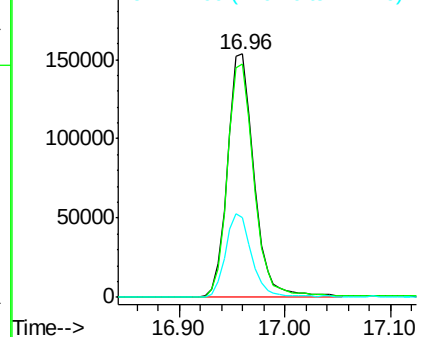


Abundance

Ion 329.80 (329.50 to 330.50): E

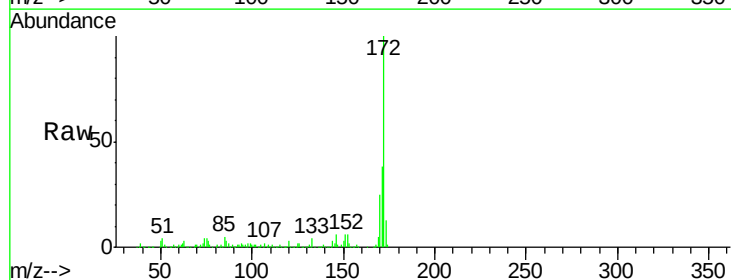
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.152 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033348.D
 Acq: 27 Mar 2018 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.7	19.5	29.3

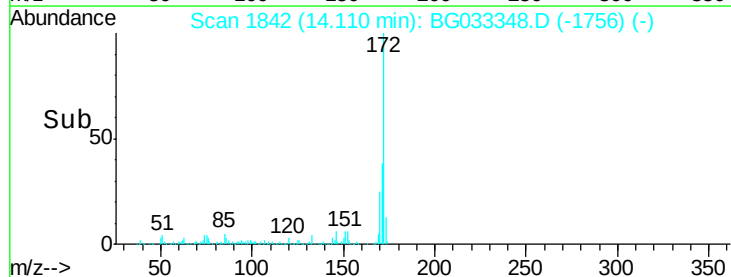
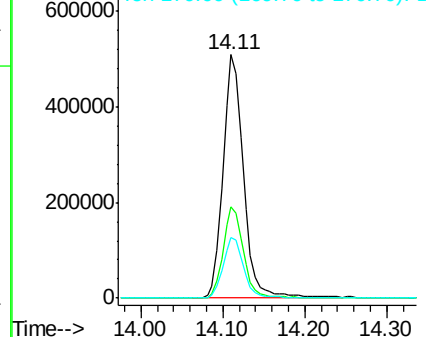


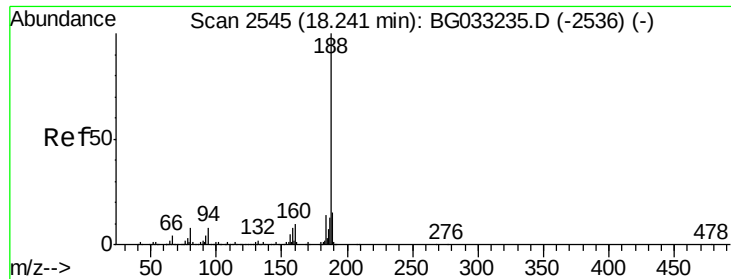
Abundance

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

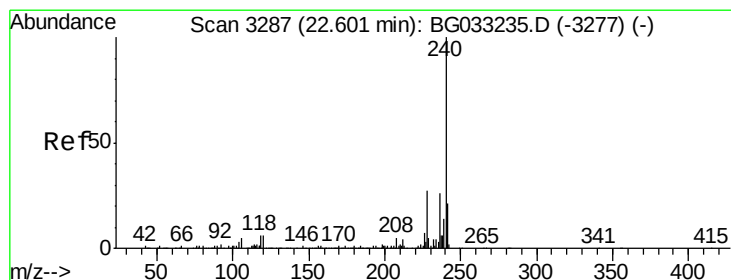
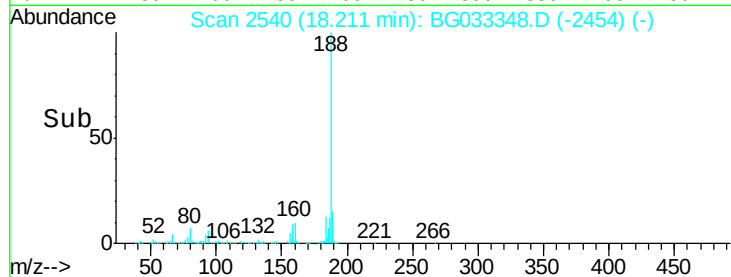
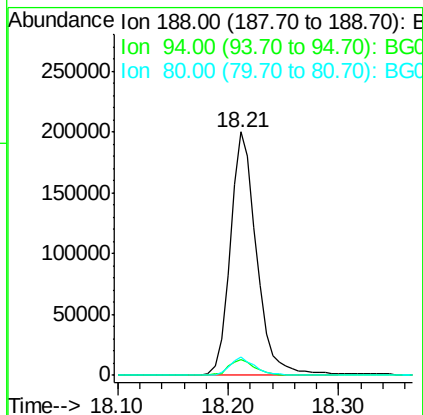
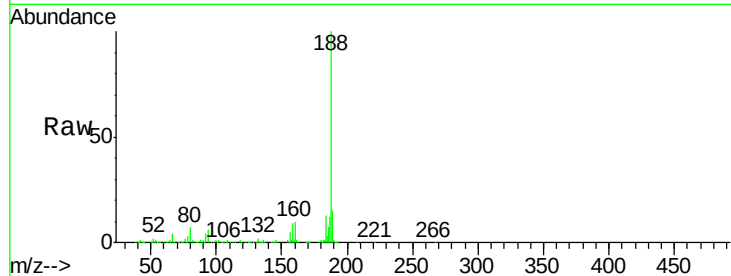




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033348.D
Acq: 27 Mar 2018 2:47

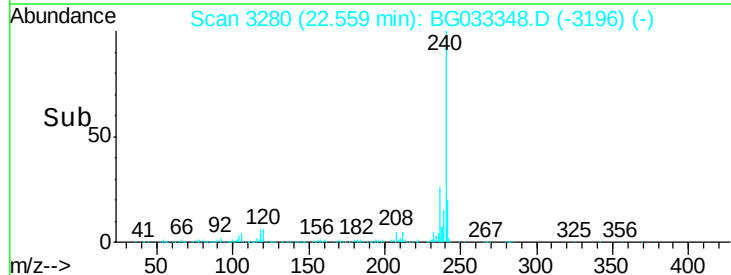
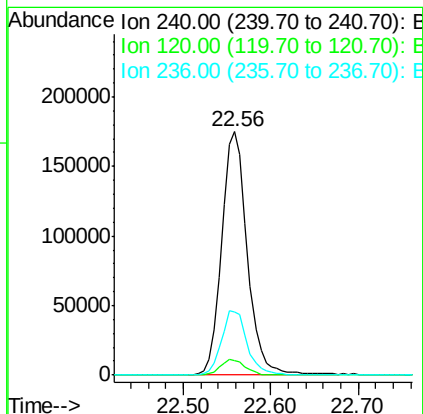
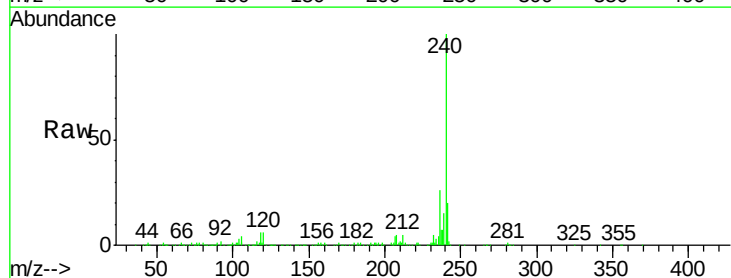
Instrument :
BNA_G
ClientSampleId :
AU-05-032218-C

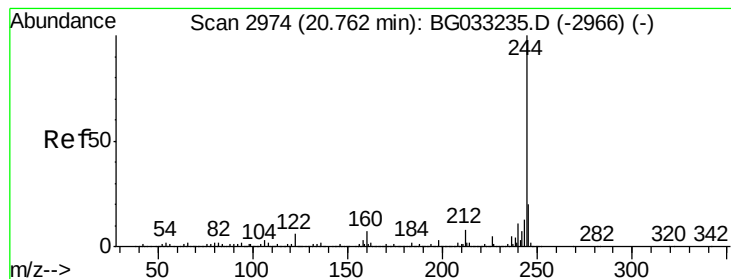
Tgt Ion:188 Resp: 334492
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033348.D
Acq: 27 Mar 2018 2:47

Tgt Ion:240 Resp: 352109
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 100.431 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033348.D

Acq: 27 Mar 2018 2:47

Instrument :

BNA_G

ClientSampleId :

AU-05-032218-C

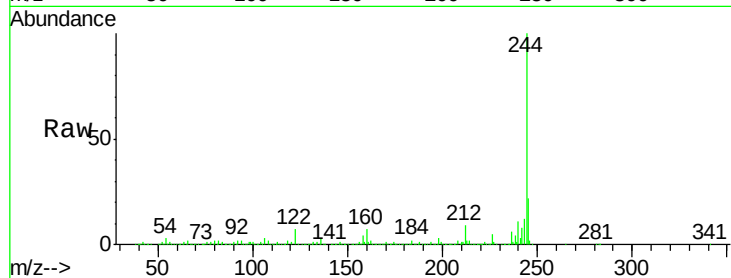
Tgt Ion:244 Resp: 1653544

Ion Ratio Lower Upper

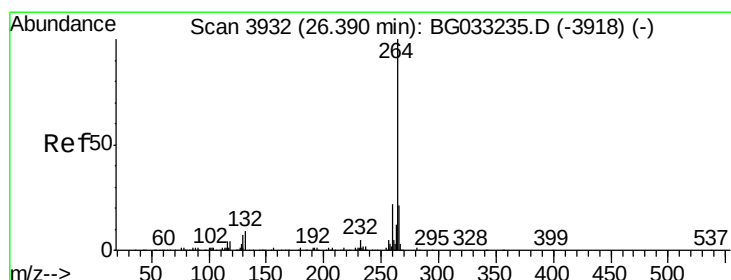
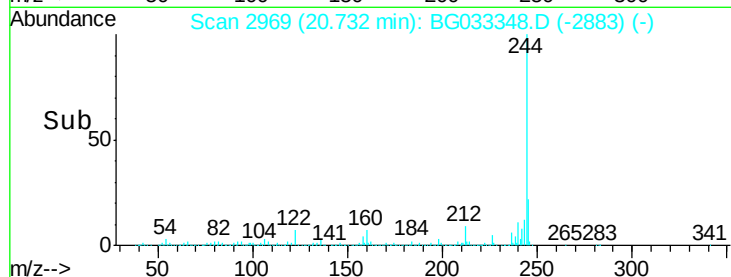
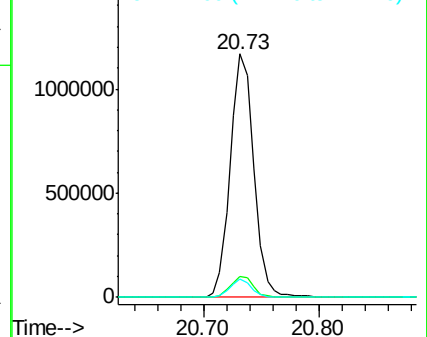
244 100

212 8.6 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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033348.D

Acq: 27 Mar 2018 2:47

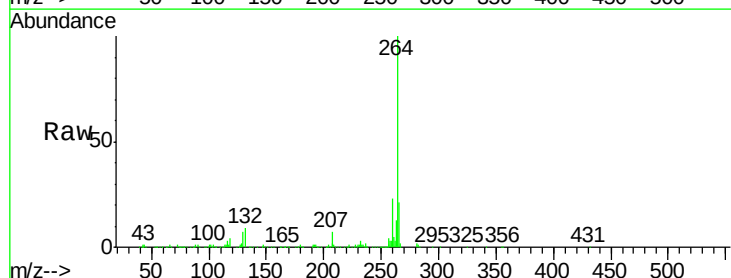
Tgt Ion:264 Resp: 370335

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.1 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

