

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033393.D
 Acq On : 28 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J2074-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-032618

Quant Time: Mar 29 07:24:07 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	40466	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	185308	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	143734	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	349677	20.00	ng	0.00
75) Chrysene-d12	22.56	240	360857	20.00	ng	0.00
86) Perylene-d12	26.33	264	397215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	142896	66.22	ng	0.02
7) Phenol-d6	7.99	99	117877	31.79	ng	0.01
23) Nitrobenzene-d5	10.06	82	345899	85.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	269934	125.57	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	867488	87.13	ng	0.00
78) Terphenyl-d14	20.73	244	1430974	84.81	ng	0.00

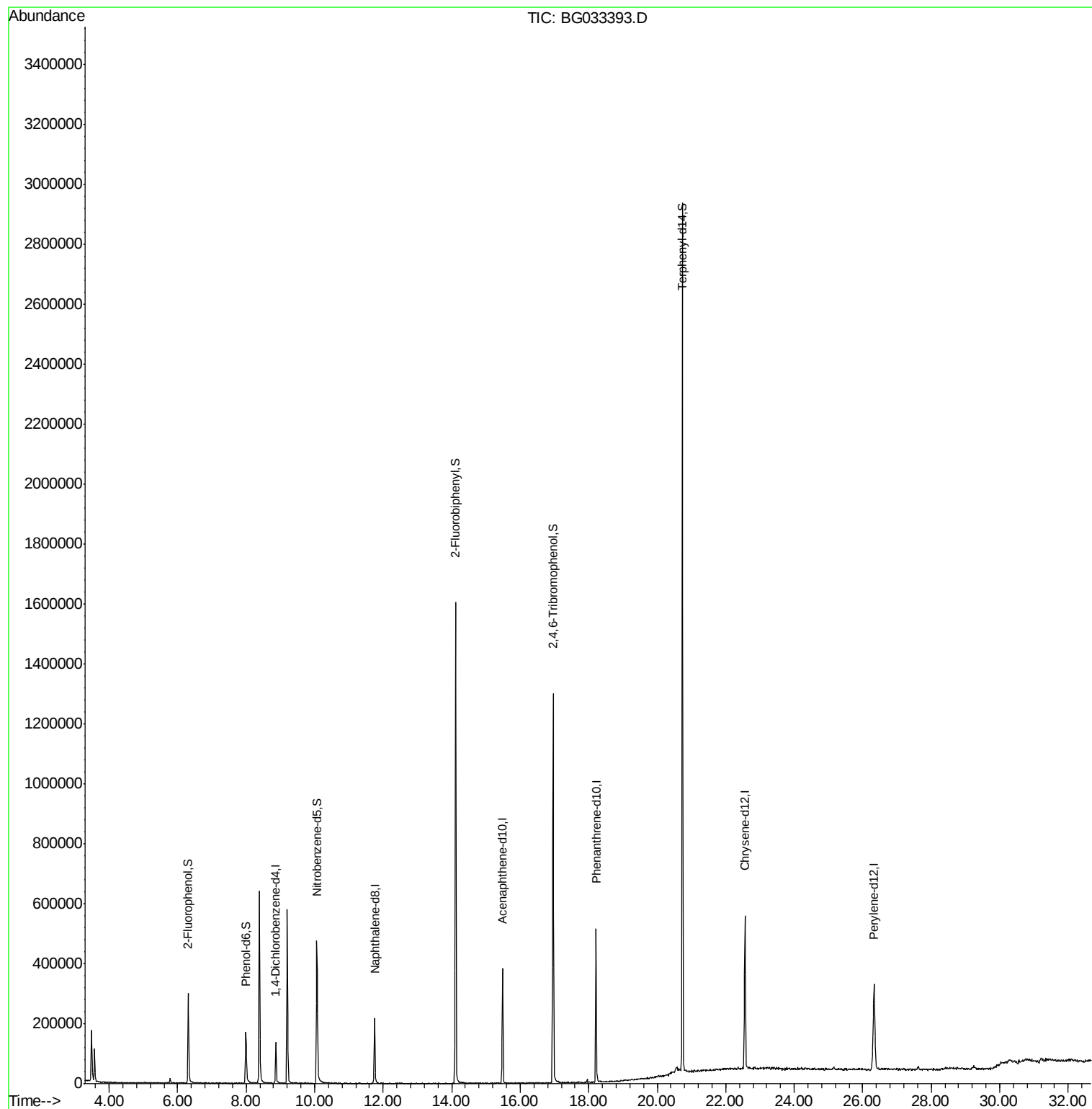
Target Compounds Qvalue

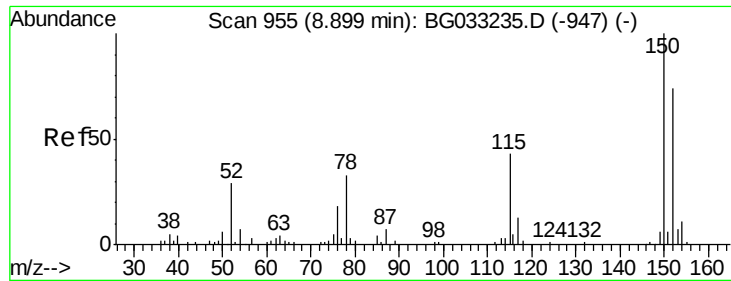
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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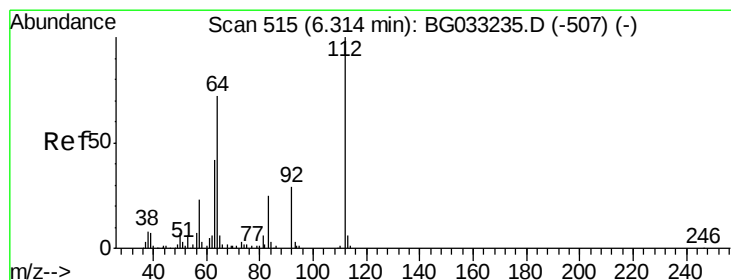
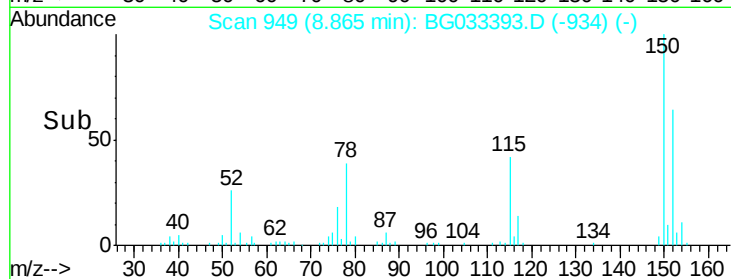
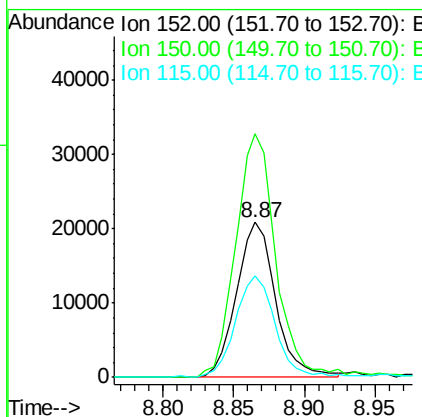
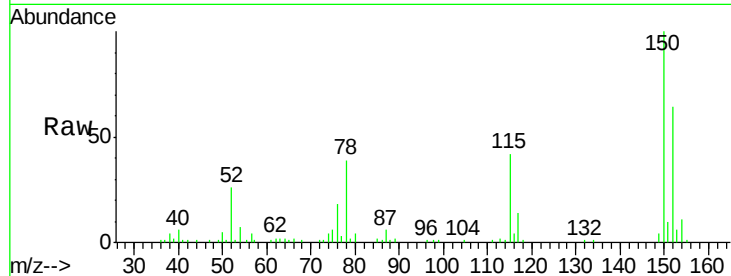


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

Instrument :
 BNA_G
 ClientSampleId :
 FB-032618

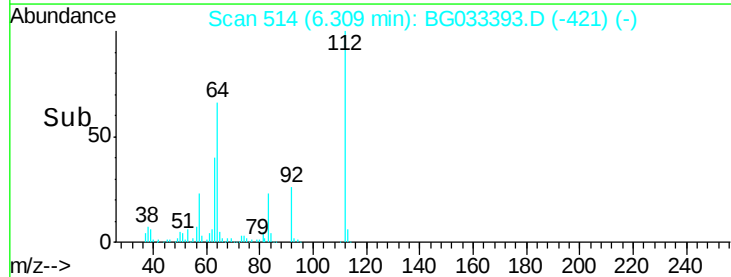
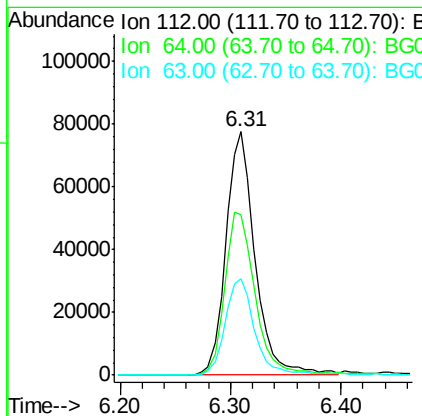
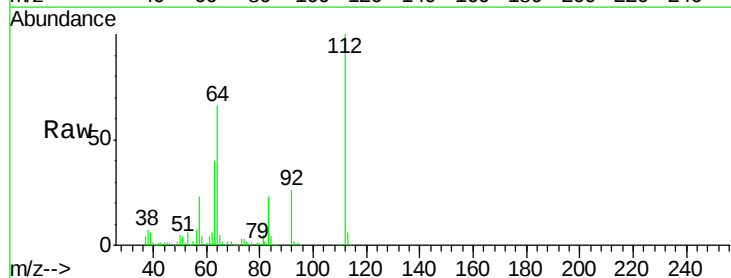
Tot Ion:152 Resp: 40466
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.6 189.8
 115 66.0 53.0 79.4

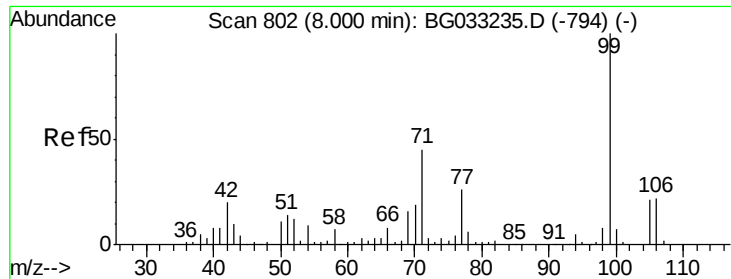


#5

2-Fluorophenol
 Concen: 66.215 ng
 RT: 6.31 min Scan# 514
 Delta R.T. 0.02 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

Tgt Ion:112 Resp: 142896
 Ion Ratio Lower Upper
 112 100
 64 66.0 56.3 84.5
 63 39.9 30.1 45.1





#7

Phenol-d6

Concen: 31.790 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033393.D

Acq: 28 Mar 2018 19:36

Instrument :

BNA_G

ClientSampleId :

FB-032618

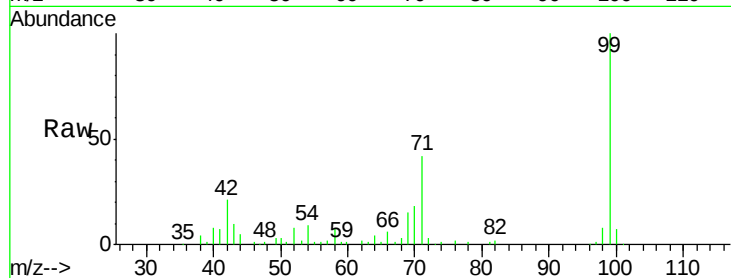
Tot Ion: 99 Resp: 117877

Ion Ratio Lower Upper

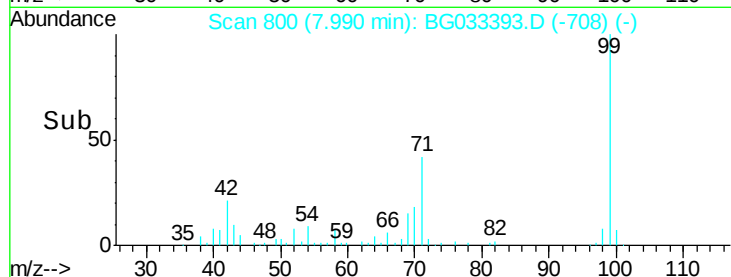
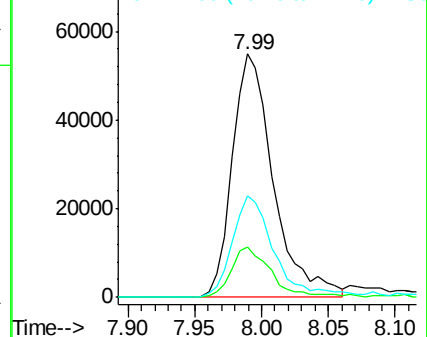
99 100

42 20.6 14.1 21.1

71 41.6 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: BG033393.D

Acq: 28 Mar 2018 19:36

Tgt Ion: 136 Resp: 185308

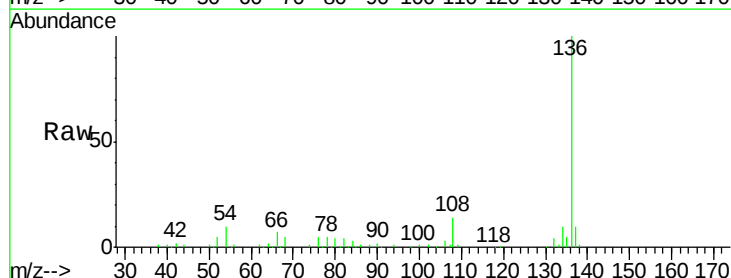
Ion Ratio Lower Upper

136 100

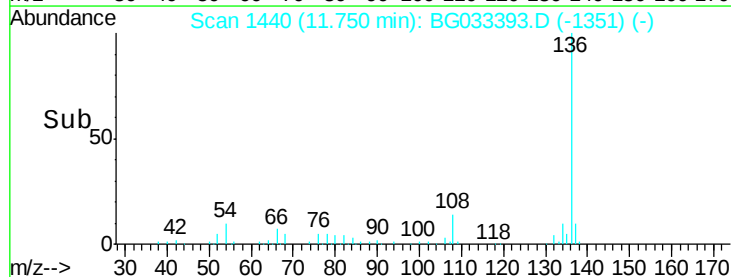
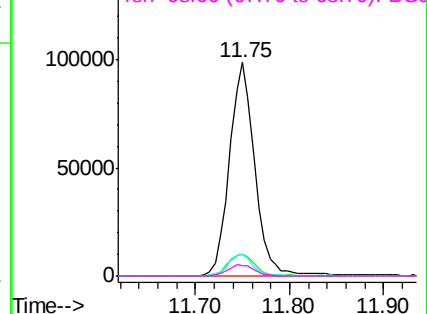
137 10.0 9.2 13.8

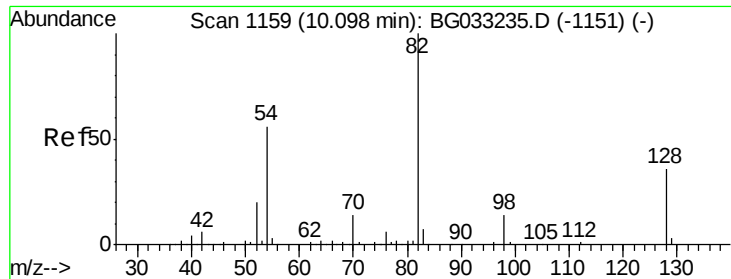
54 10.1 10.3 15.5#

68 4.9 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

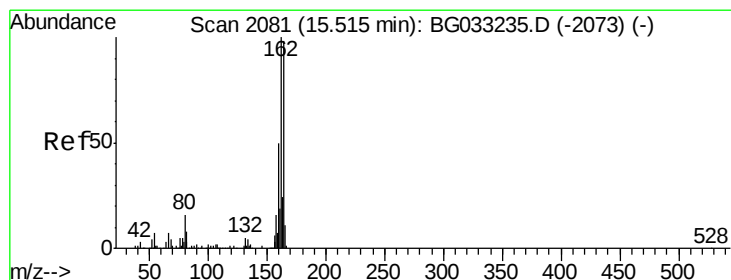
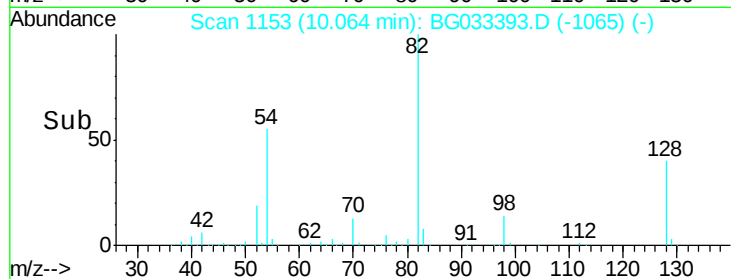
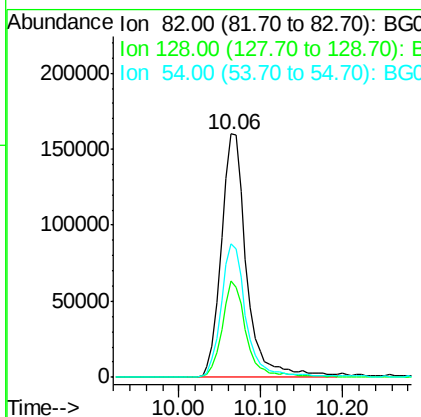
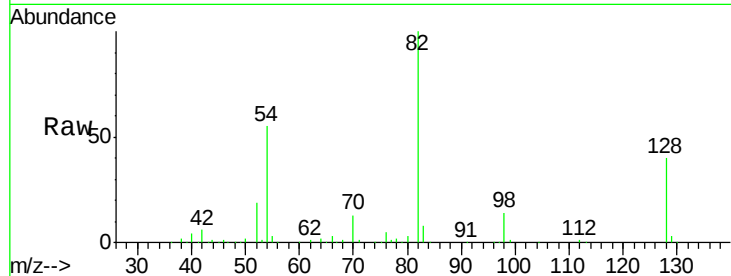




#23
 Nitrobenzene-d5
 Concen: 85.760 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

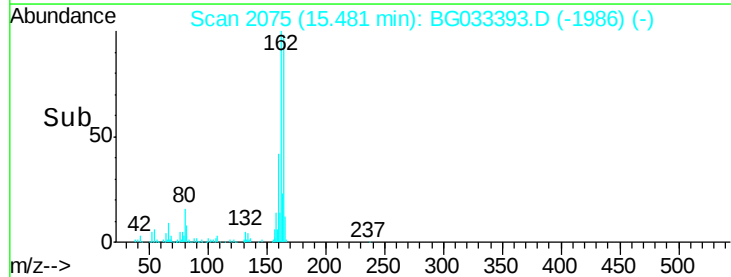
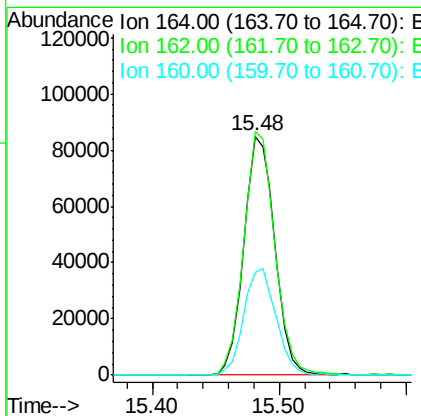
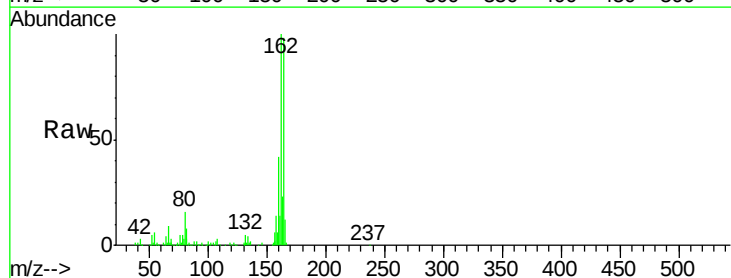
Instrument :
 BNA_G
 ClientSampleId :
 FB-032618

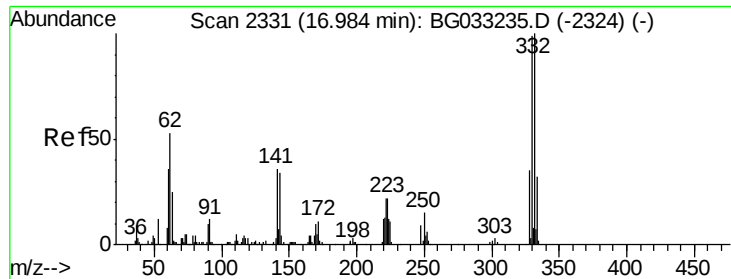
Tot Ion	82	Resp	345899
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.7	44.5
54	55.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

Tgt Ion	164	Resp	143734
Ion Ratio	Lower	Upper	
164	100		
162	102.1	78.8	118.2
160	42.9	35.4	53.0

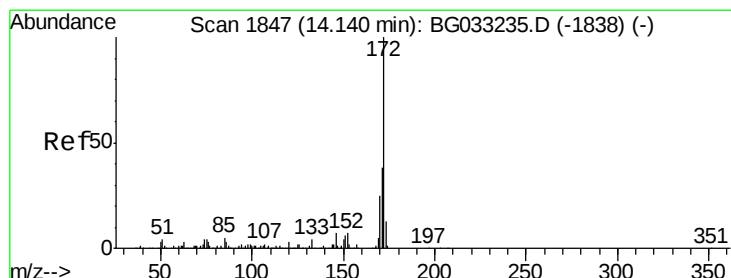
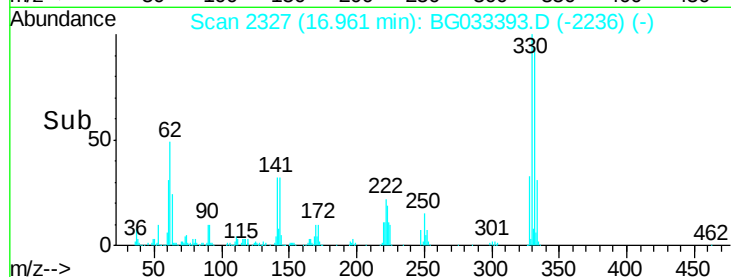
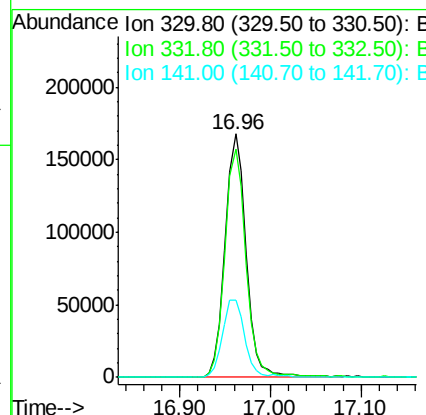
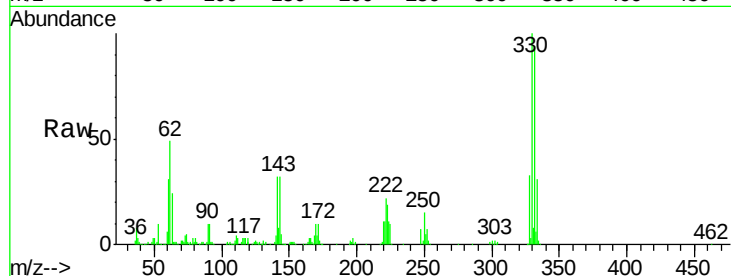




#41
 2,4,6-Tribromophenol
 Concen: 125.568 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

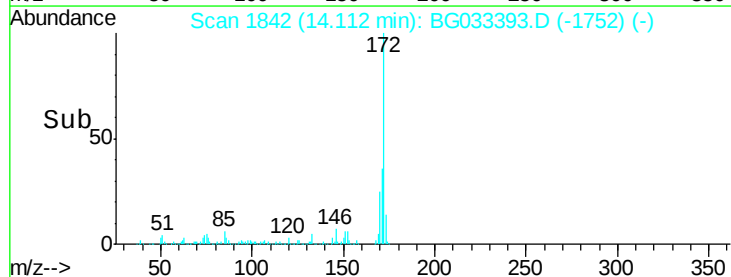
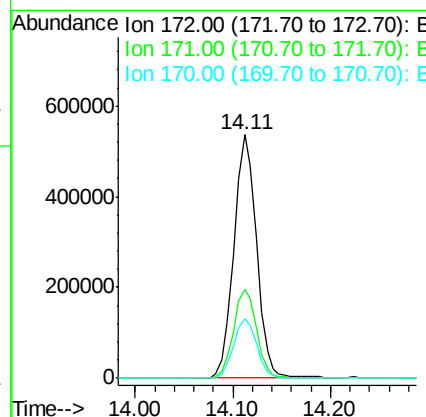
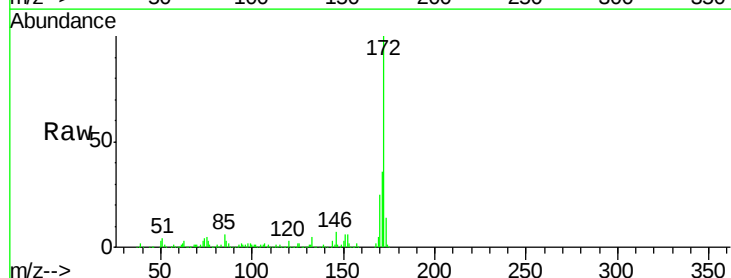
Instrument :
 BNA_G
 ClientSampleId :
 FB-032618

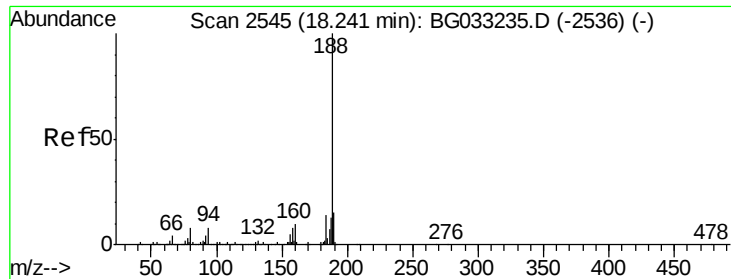
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	33.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 87.129 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033393.D
 Acq: 28 Mar 2018 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.6	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: BG033393.D

Acq: 28 Mar 2018 19:36

Instrument :

BNA_G

ClientSampled :

FB-032618

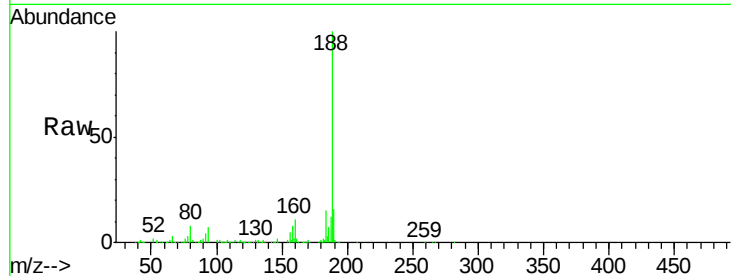
Tot Ion:188 Resp: 349677

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

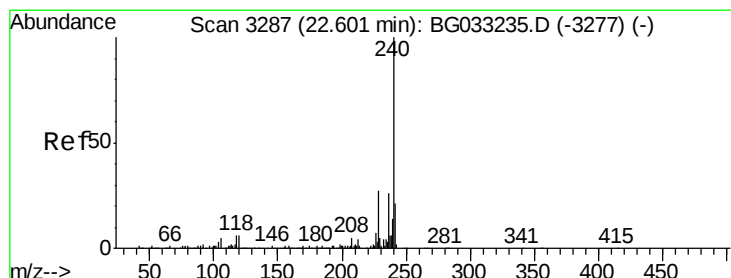
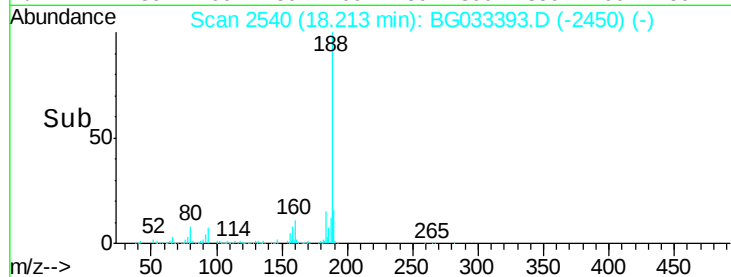
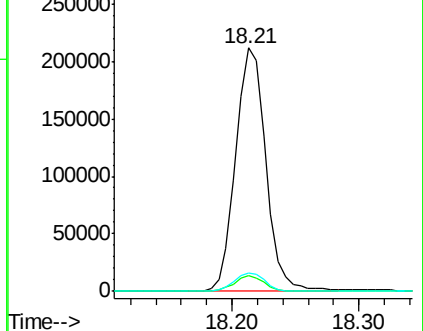
80 7.6 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033393.D

Acq: 28 Mar 2018 19:36

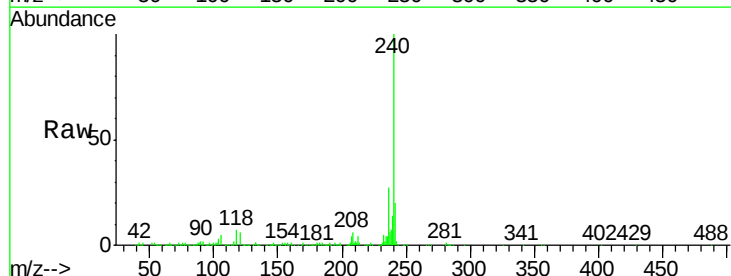
Tgt Ion:240 Resp: 360857

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

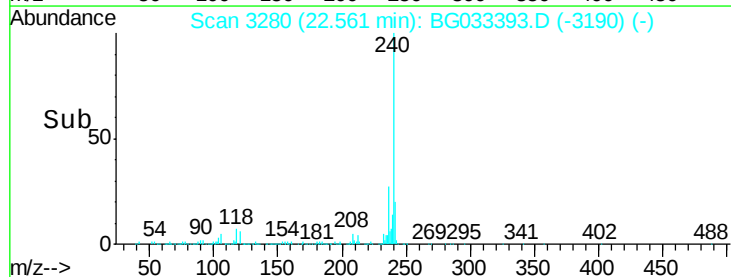
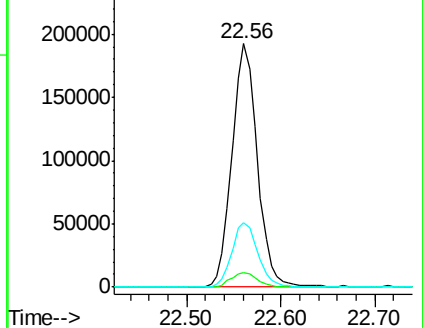
236 26.6 20.9 31.3

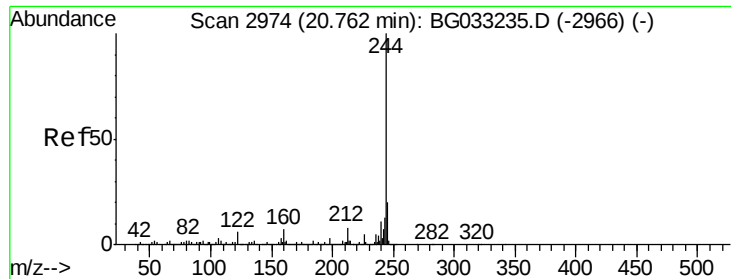


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.806 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033393.D

Acq: 28 Mar 2018 19:36

Instrument :

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FB-032618

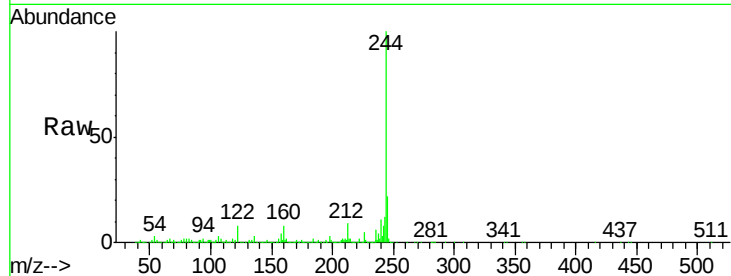
Tot Ion:244 Resp: 1430974

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

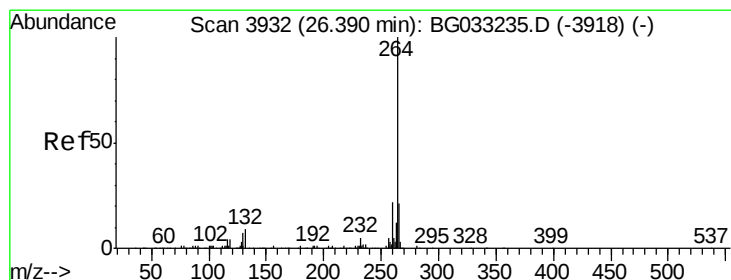
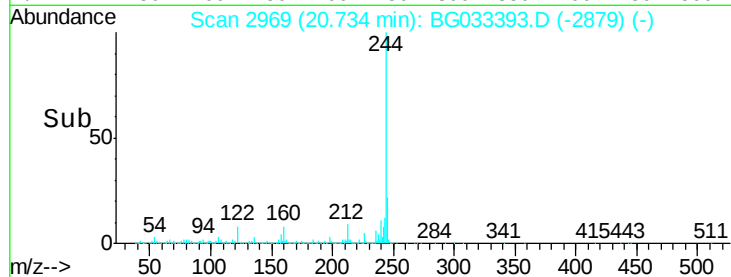
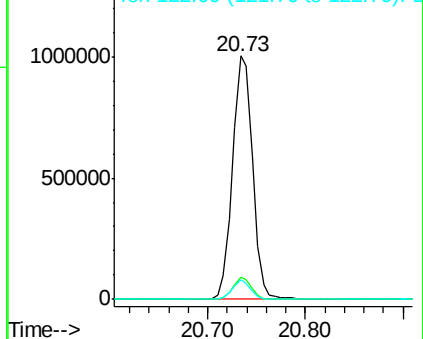
122 7.8 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033393.D

Acq: 28 Mar 2018 19:36

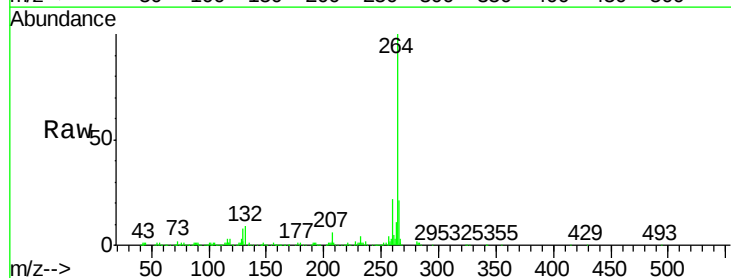
Tgt Ion:264 Resp: 397215

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.0 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

