

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033445.D
 Acq On : 30 Mar 2018 8:45
 Operator : SJ/JU
 Sample : J2102-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6979

Quant Time: Mar 30 10:54:40 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	31444	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	138358	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107901	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314970	20.00	ng	0.00
75) Chrysene-d12	22.56	240	350311	20.00	ng	0.00
86) Perylene-d12	26.33	264	366631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	280533	167.29	ng	0.00
7) Phenol-d6	7.98	99	391846	136.00	ng	0.00
23) Nitrobenzene-d5	10.07	82	316343	105.05	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	271370	168.16	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	778271	104.13	ng	0.00
78) Terphenyl-d14	20.74	244	1709509	104.36	ng	0.00

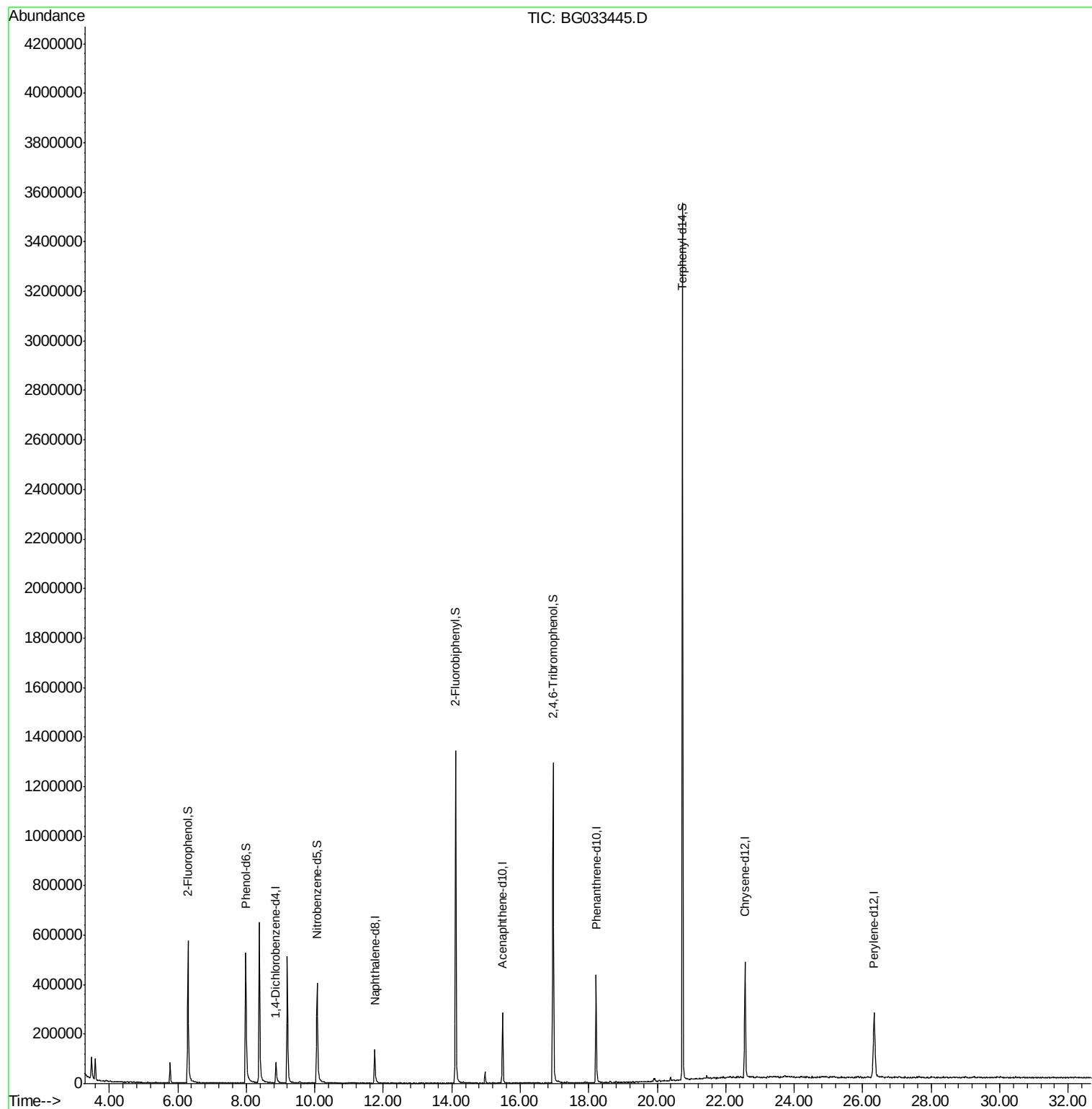
Target Compounds Qvalue

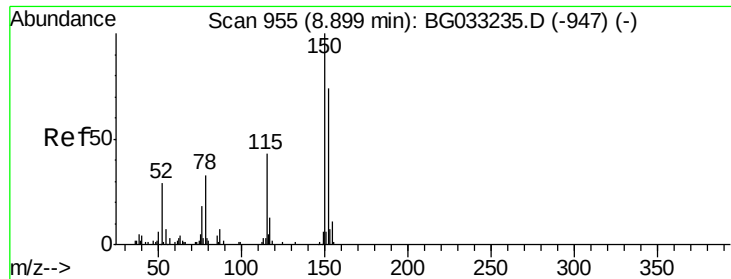
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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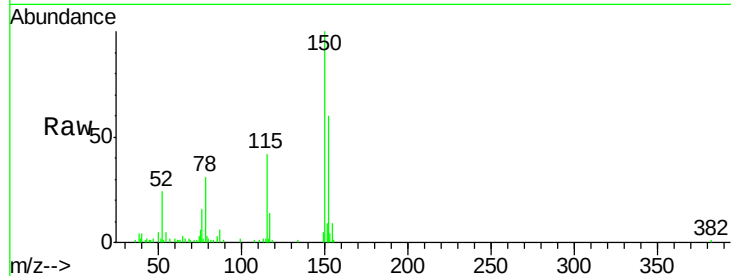


#1

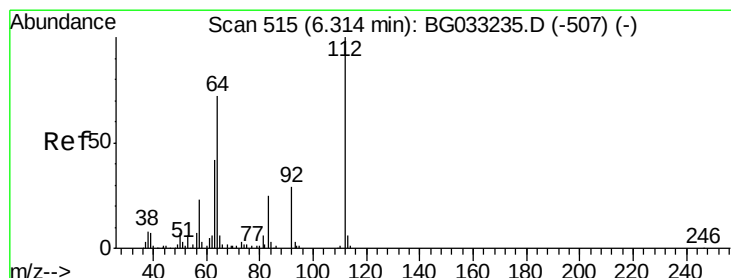
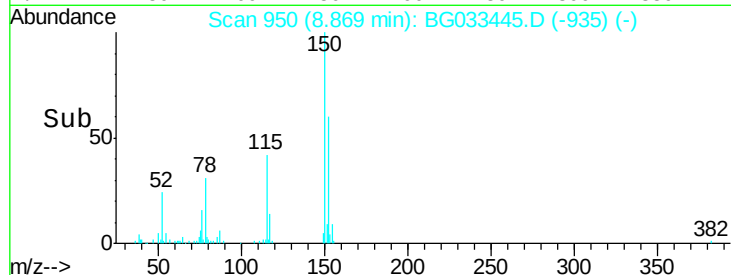
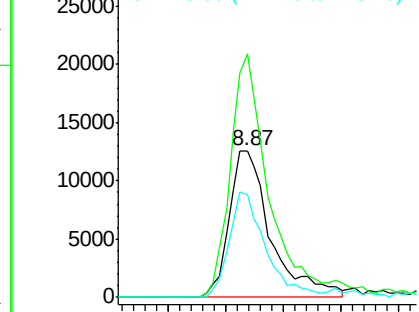
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033445.D
Acq: 30 Mar 2018 8:45

Instrument :
BNA_G
ClientSampleId :
6979

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.0	126.6	189.8
115	69.9	53.0	79.4



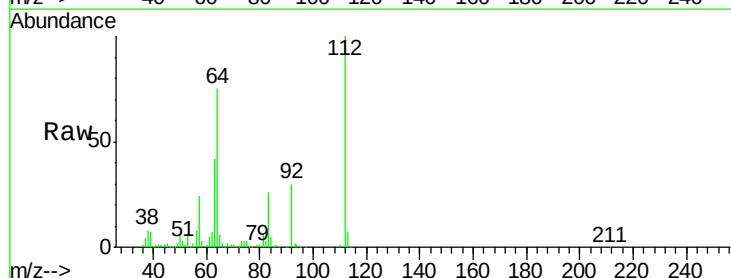
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



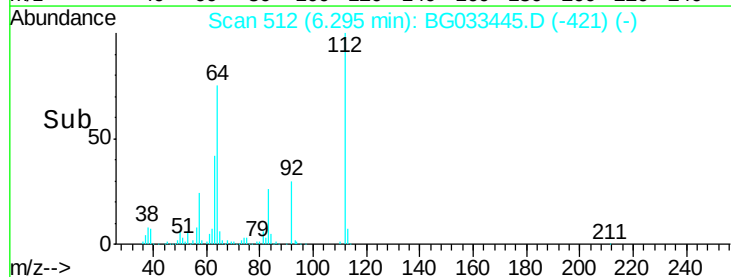
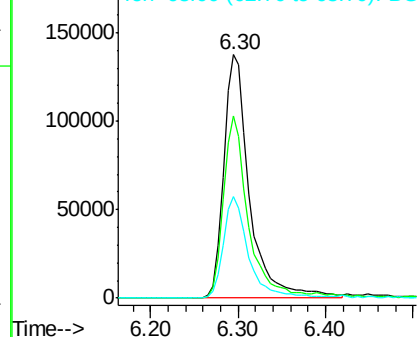
#5

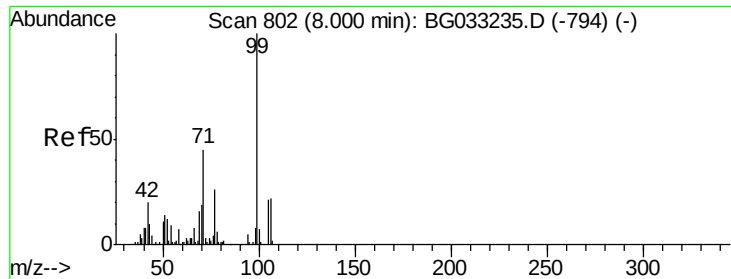
2-Fluorophenol
Concen: 167.292 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033445.D
Acq: 30 Mar 2018 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	56.3	84.5
63	41.8	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: 135.998 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033445.D

Acq: 30 Mar 2018 8:45

Instrument :

BNA_G

ClientSampleId :

6979

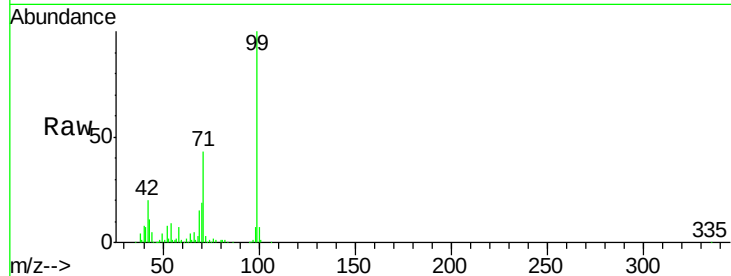
Tot Ion: 99 Resp: 391846

Ion Ratio Lower Upper

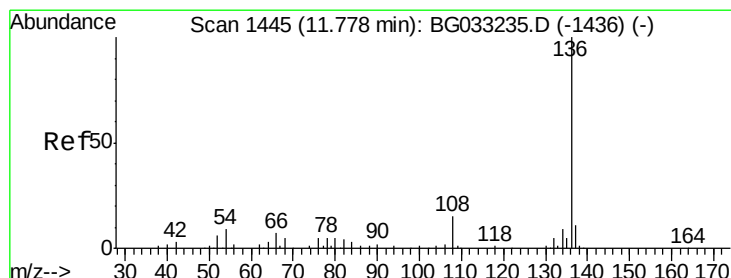
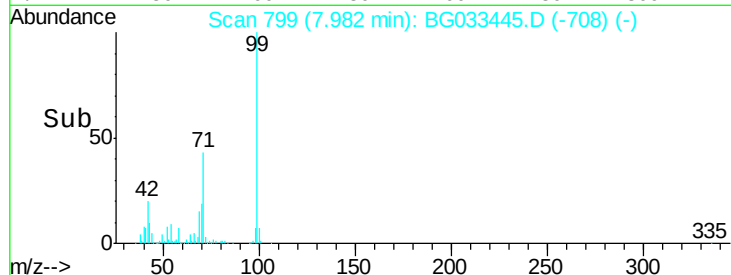
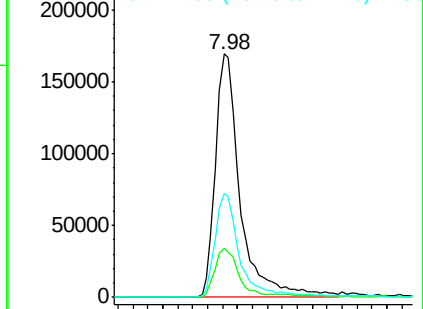
99 100

42 20.3 14.1 21.1

71 42.6 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: BG033445.D

Acq: 30 Mar 2018 8:45

Tgt Ion: 136 Resp: 138358

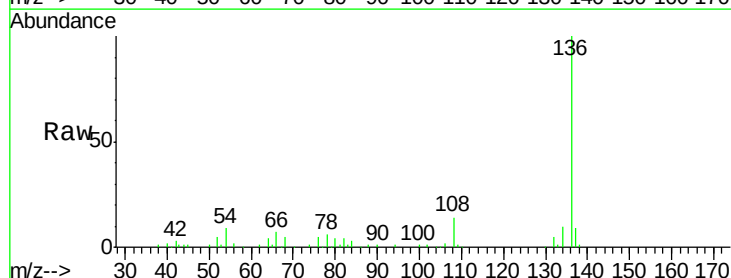
Ion Ratio Lower Upper

136 100

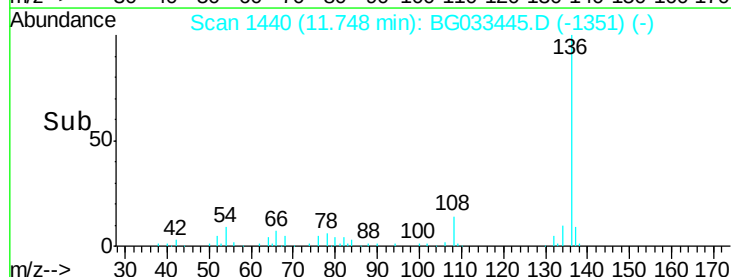
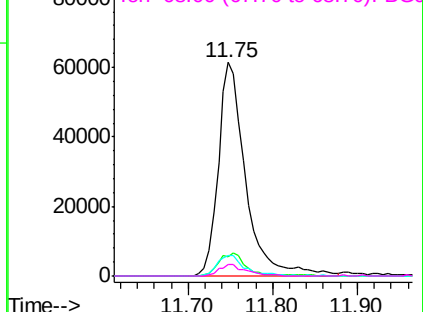
137 9.3 9.2 13.8

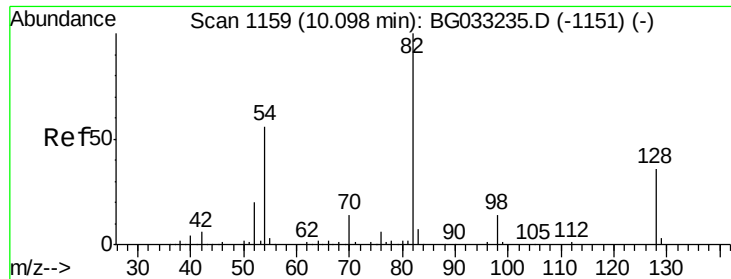
54 9.4 10.3 15.5#

68 5.3 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

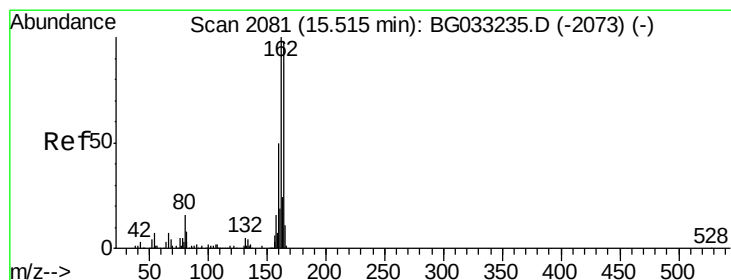
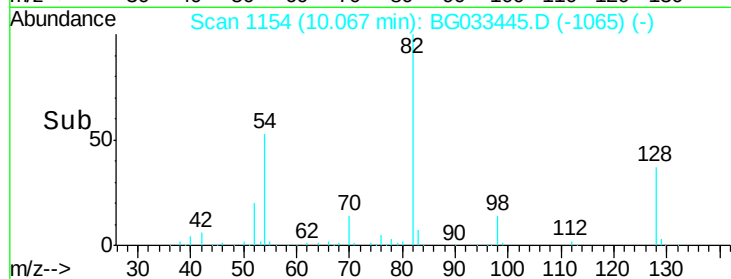
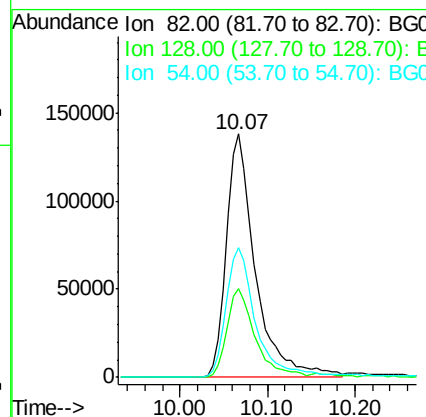
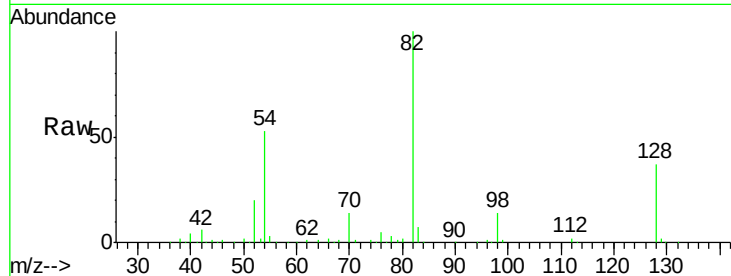




#23
 Nitrobenzene-d5
 Concen: 105.047 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033445.D
 Acq: 30 Mar 2018 8:45

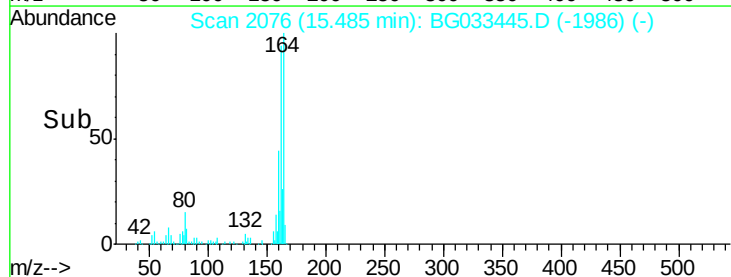
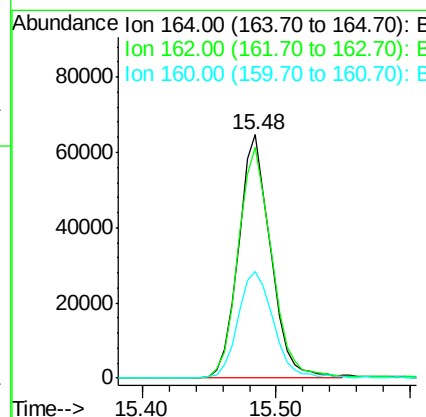
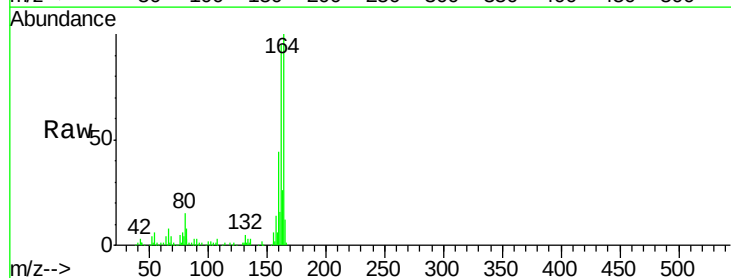
Instrument :
 BNA_G
 ClientSampleId :
 6979

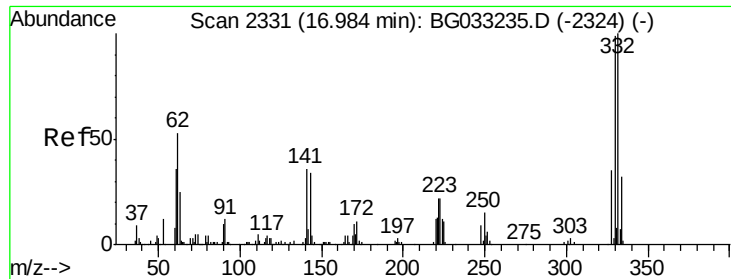
Tot Ion: 82 Resp: 316343
 Ion Ratio Lower Upper
 82 100
 128 36.6 29.7 44.5
 54 53.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033445.D
 Acq: 30 Mar 2018 8:45

Tgt Ion: 164 Resp: 107901
 Ion Ratio Lower Upper
 164 100
 162 94.7 78.8 118.2
 160 43.6 35.4 53.0

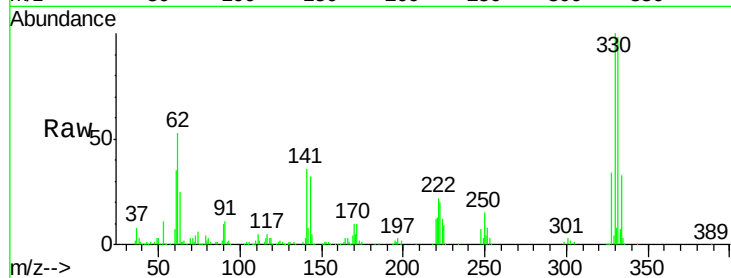




#41
 2,4,6-Tribromophenol
 Concen: 168.157 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033445.D
 Acq: 30 Mar 2018 8:45

Instrument :
 BNA_G
 ClientSampleId :
 6979

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.4	25.2	37.8

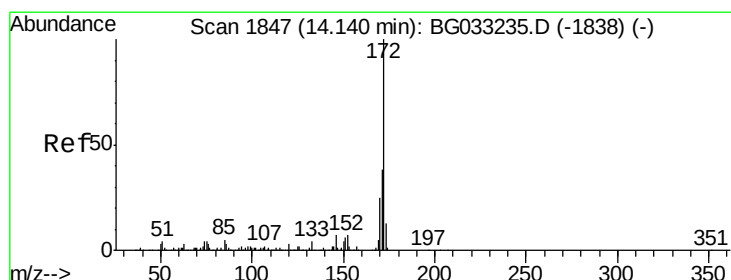
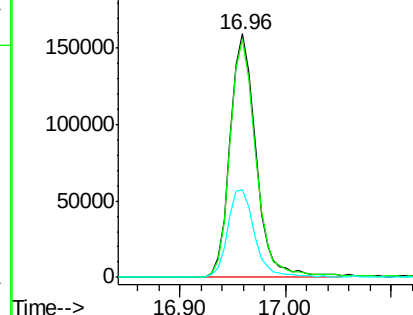
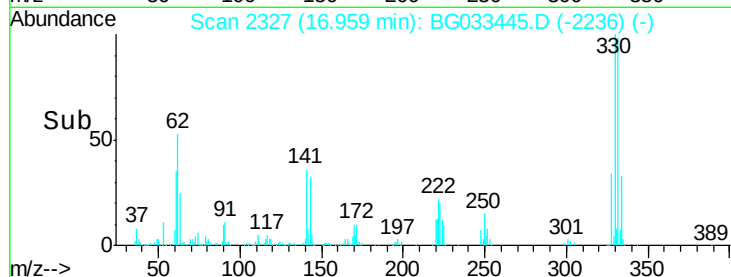


Abundance

Ion 329.80 (329.50 to 330.50): E

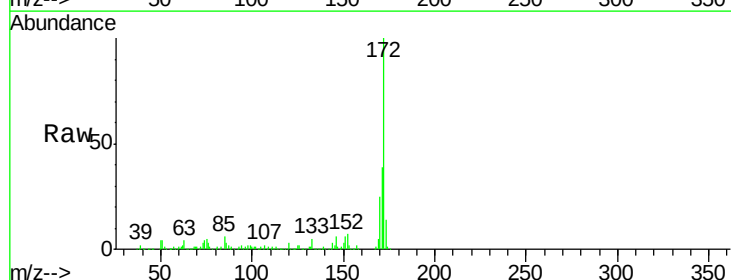
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.127 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033445.D
 Acq: 30 Mar 2018 8:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.1	19.5	29.3

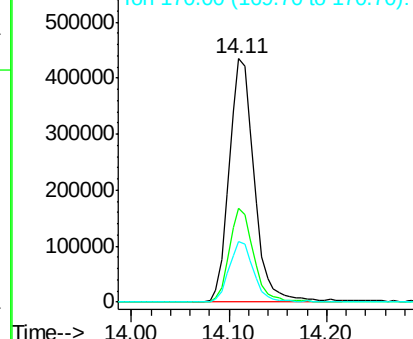
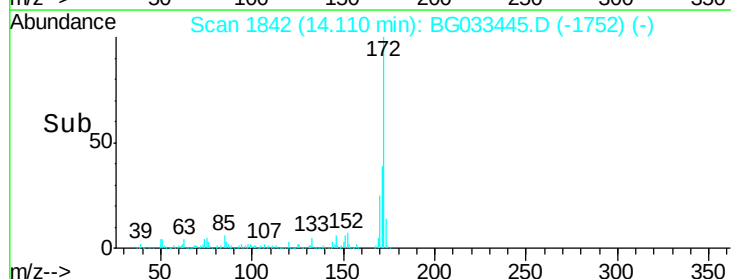


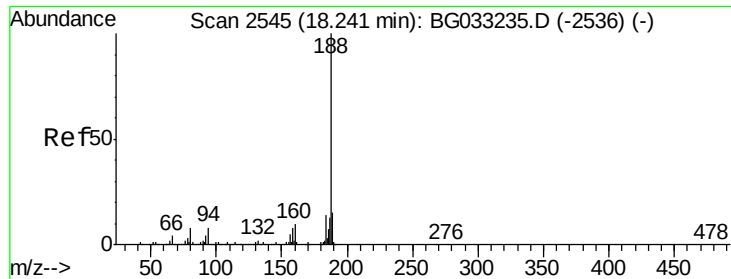
Abundance

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. -0.00 min

Lab File: BG033445.D

Acq: 30 Mar 2018 8:45

Instrument :

BNA_G

ClientSampleId :

6979

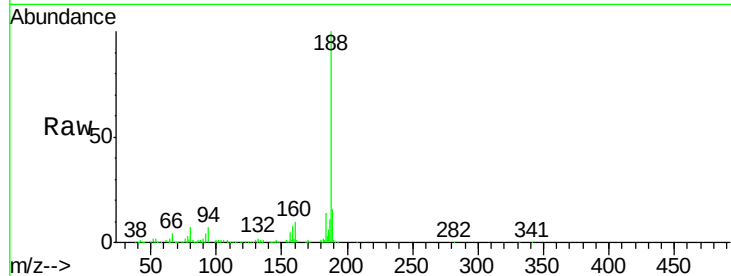
Tot Ion:188 Resp: 314970

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

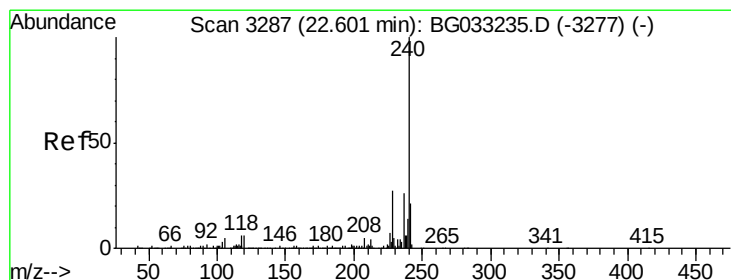
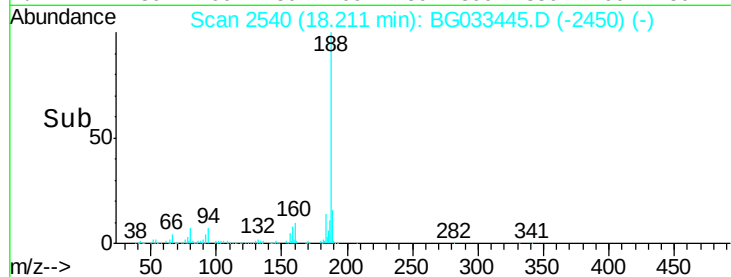
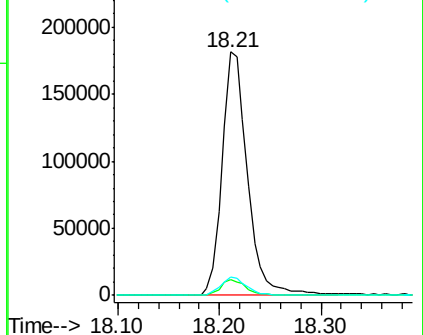
80 7.4 7.7 11.5#



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# 3281

Delta R.T. 0.00 min

Lab File: BG033445.D

Acq: 30 Mar 2018 8:45

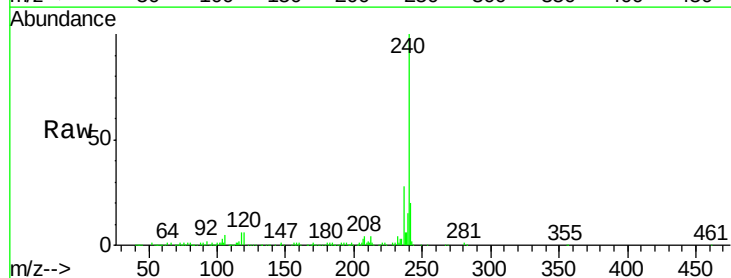
Tgt Ion:240 Resp: 350311

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

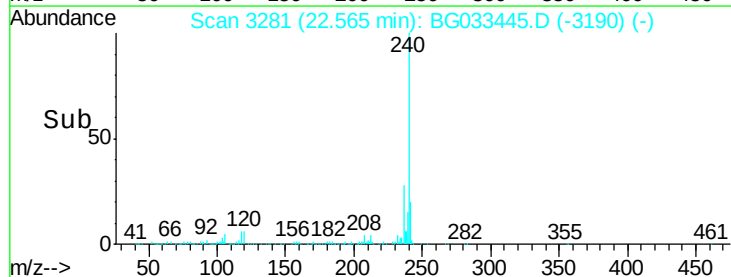
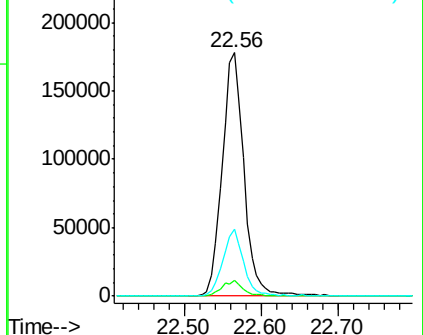
236 27.6 20.9 31.3

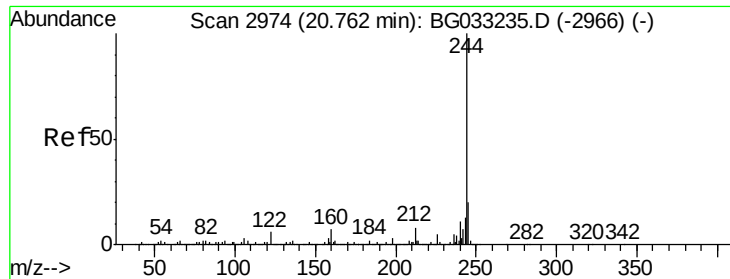


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.363 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033445.D

Acq: 30 Mar 2018 8:45

Instrument :

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ClientSampleId :

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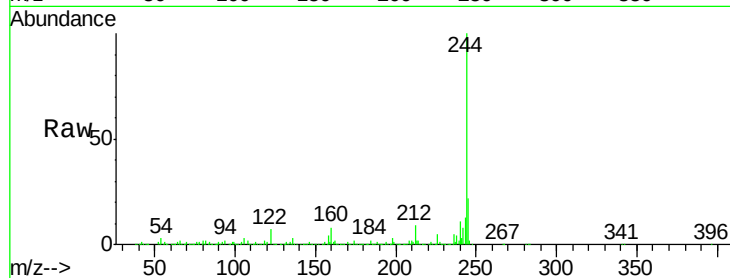
Tot Ion:244 Resp: 1709509

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

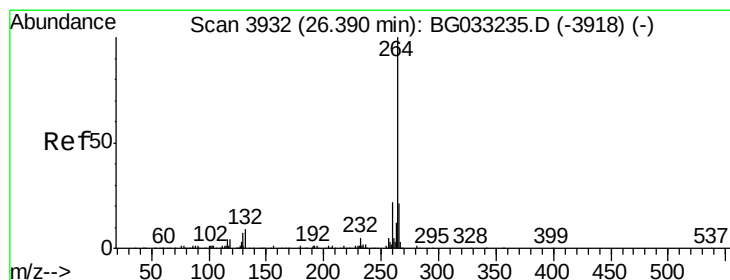
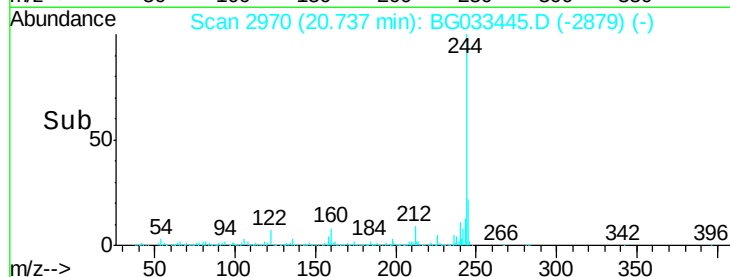
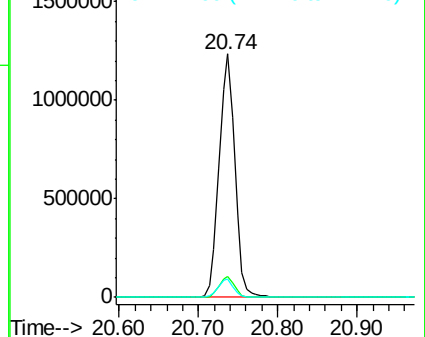
122 7.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033445.D

Acq: 30 Mar 2018 8:45

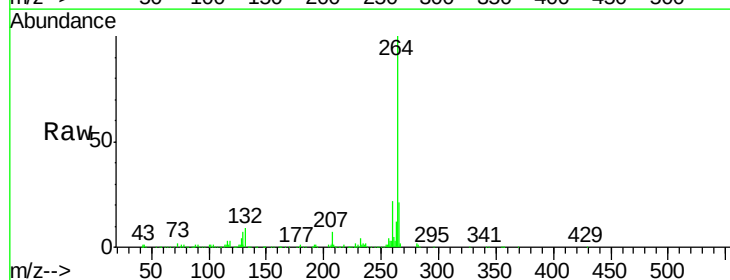
Tgt Ion:264 Resp: 366631

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.8 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

