

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033444.D
 Acq On : 30 Mar 2018 8:08
 Operator : SJ/JU
 Sample : J2102-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6978

Quant Time: Mar 30 08:50:06 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	31176	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	129141	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	101793	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	308852	20.00	ng	0.00
75) Chrysene-d12	22.56	240	333041	20.00	ng	0.00
86) Perylene-d12	26.34	264	356713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	280231	168.55	ng	0.00
7) Phenol-d6	7.98	99	374849	131.22	ng	0.00
23) Nitrobenzene-d5	10.07	82	311921	110.97	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	257593	169.20	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	755283	107.11	ng	0.00
78) Terphenyl-d14	20.74	244	1645991	105.70	ng	0.00

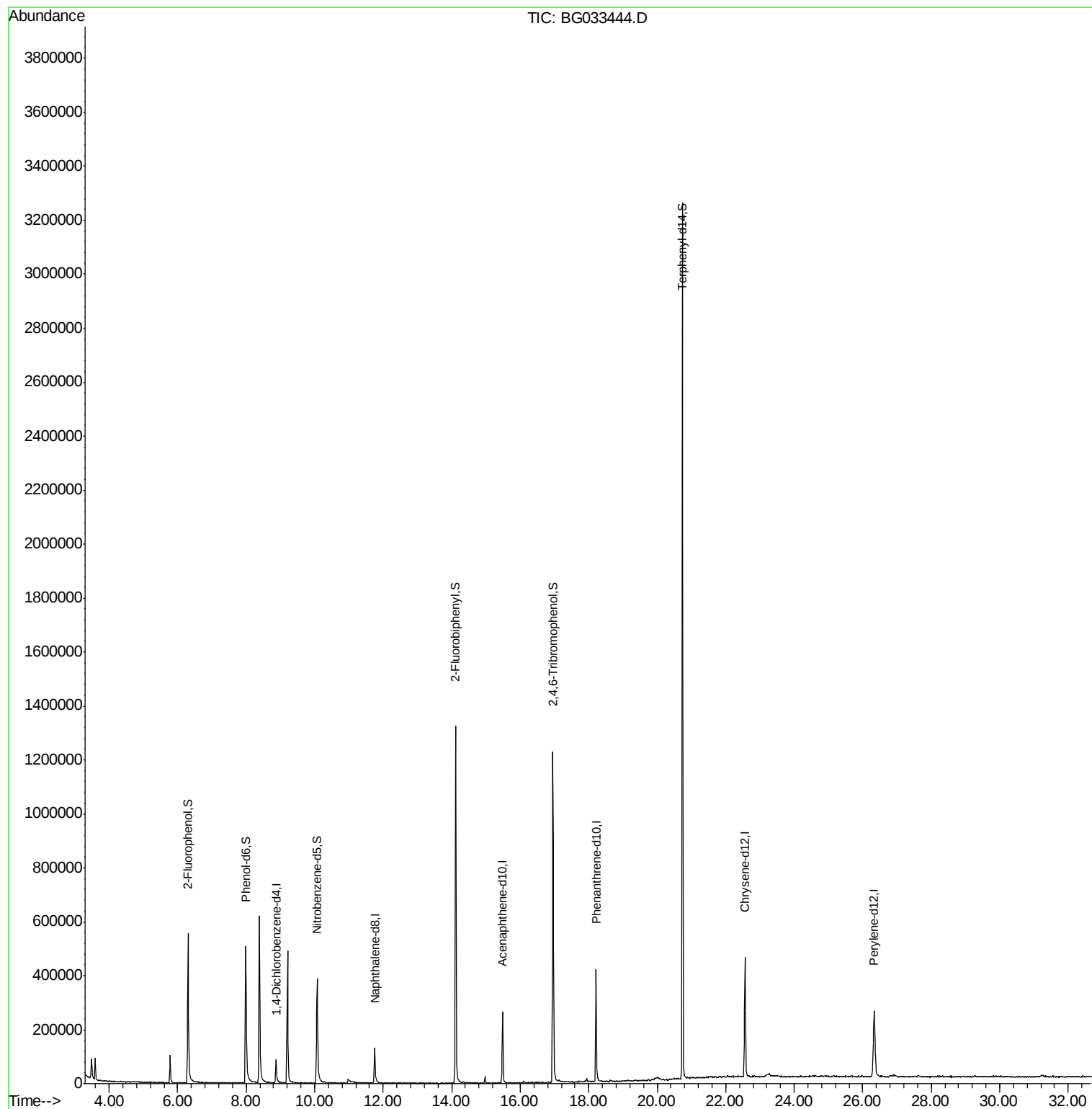
Target Compounds	Qvalue
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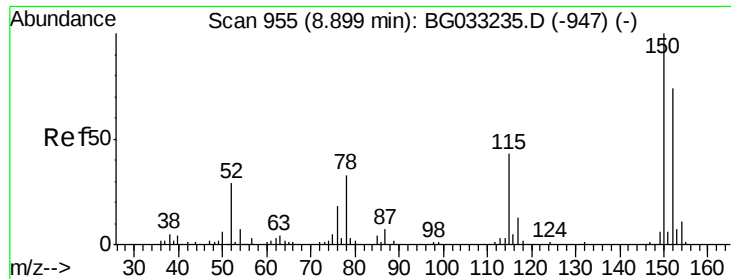
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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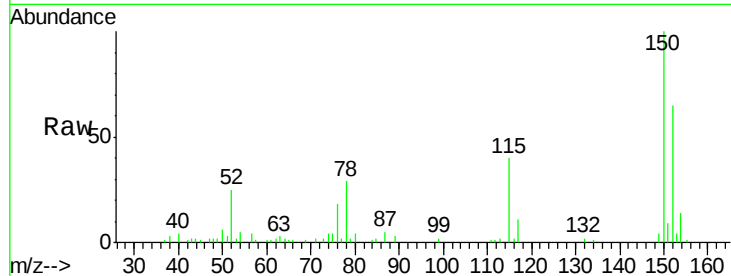




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Instrument :
 BNA_G
 ClientSampleId :
 6978

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	61.3	53.0	79.4

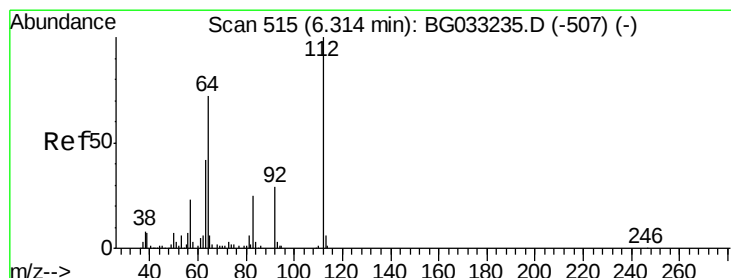
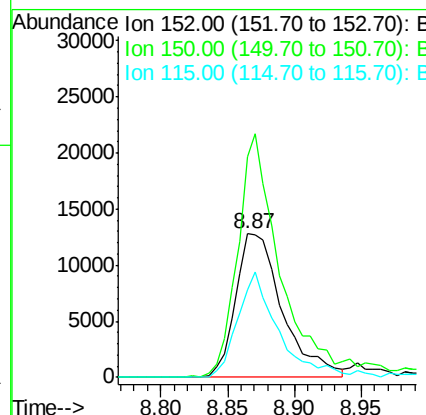
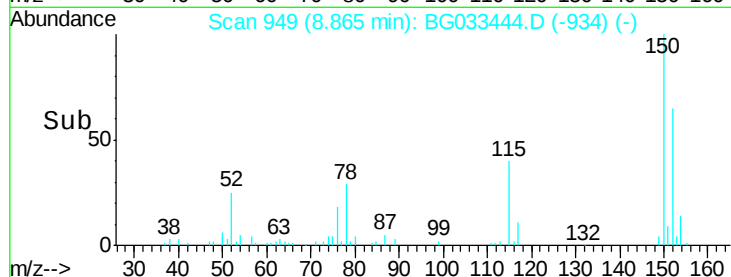


Abundance

Ion 152.00 (151.70 to 152.70): E

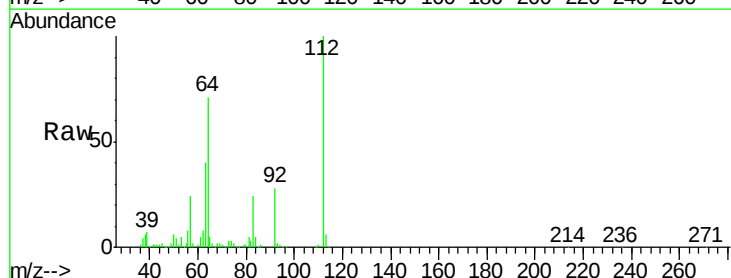
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 168.549 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.3	84.5
63	39.9	30.1	45.1

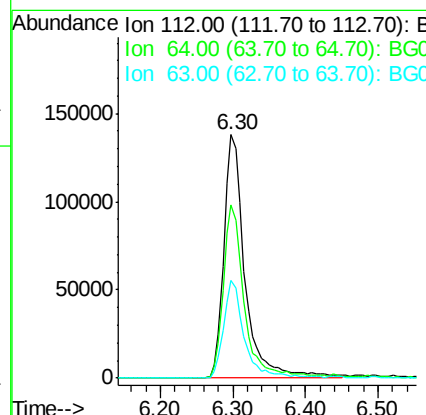
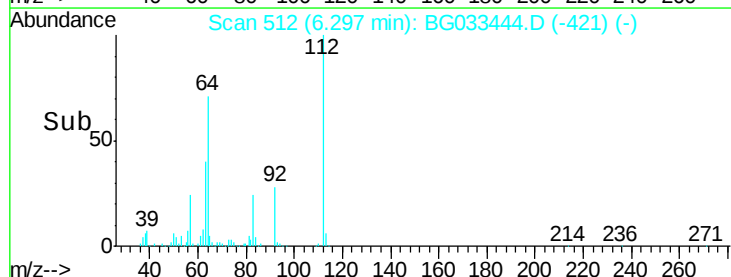


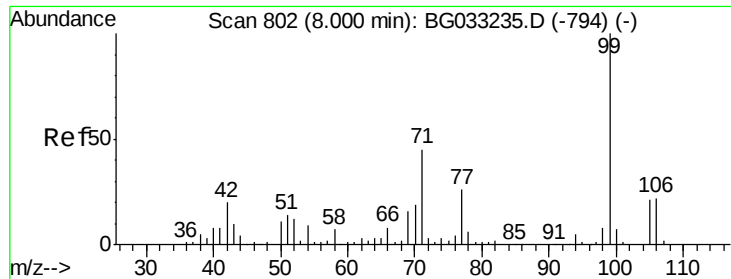
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.217 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

Instrument :

BNA_G

ClientSampleId :

6978

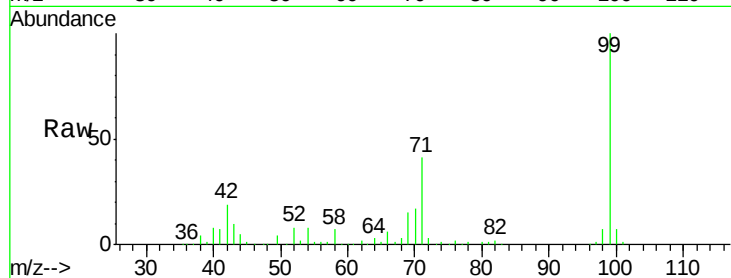
Tot Ion: 99 Resp: 374849

Ion Ratio Lower Upper

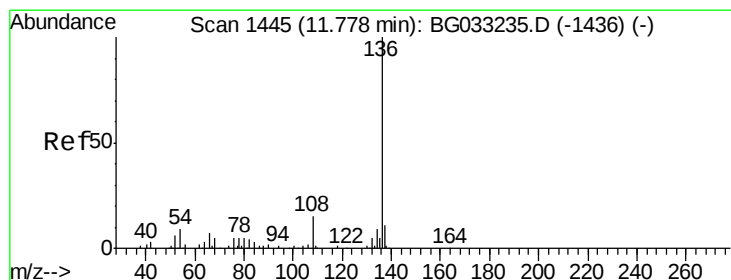
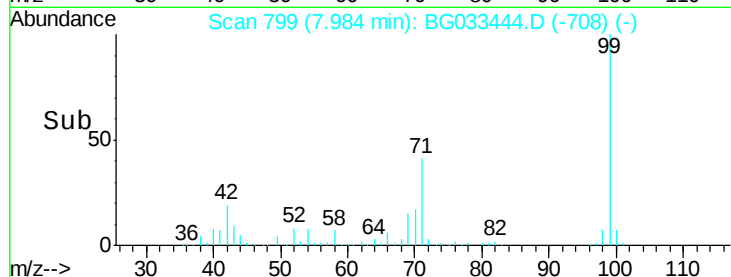
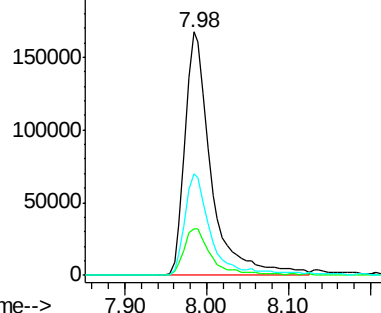
99 100

42 19.1 14.1 21.1

71 41.5 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: BG033444.D

Acq: 30 Mar 2018 8:08

Tgt Ion: 136 Resp: 129141

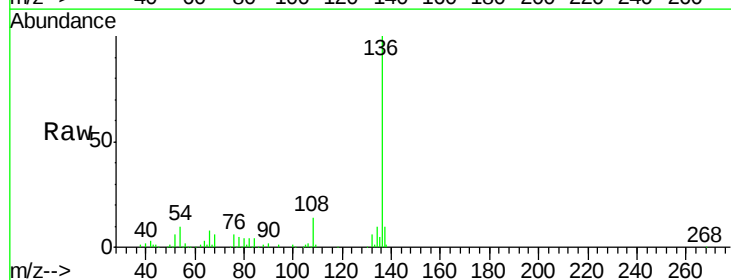
Ion Ratio Lower Upper

136 100

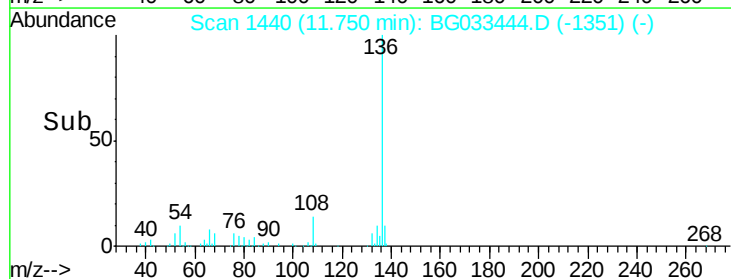
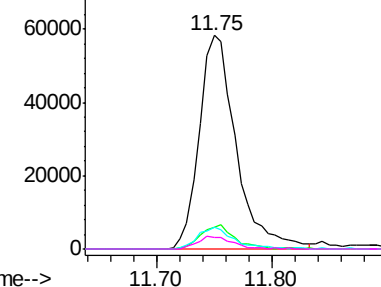
137 10.4 9.2 13.8

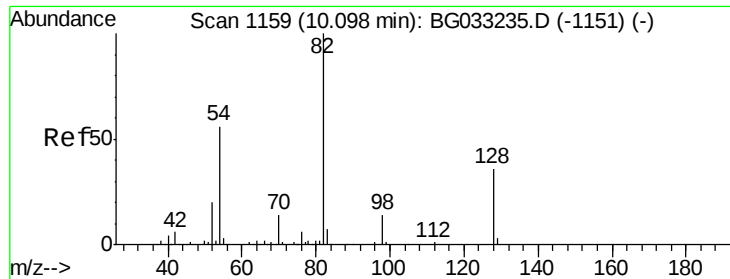
54 10.0 10.3 15.5#

68 5.5 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

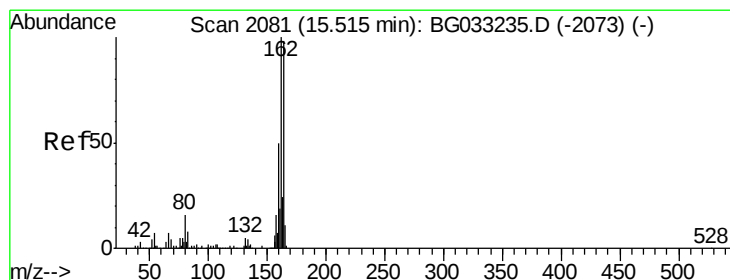
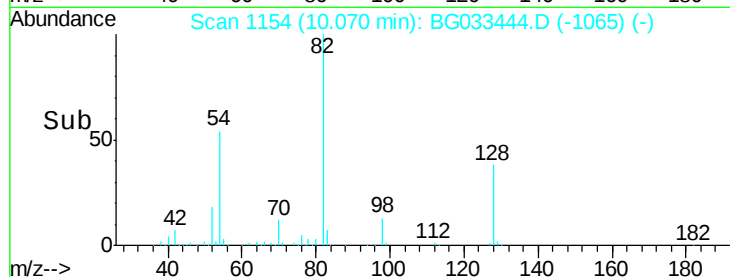
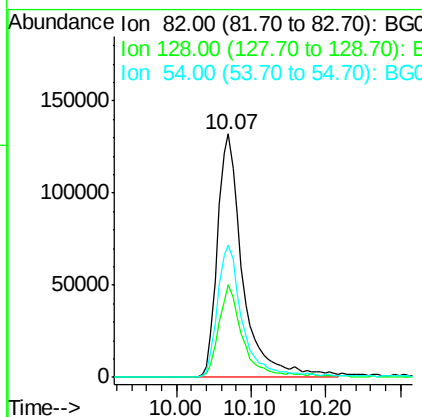
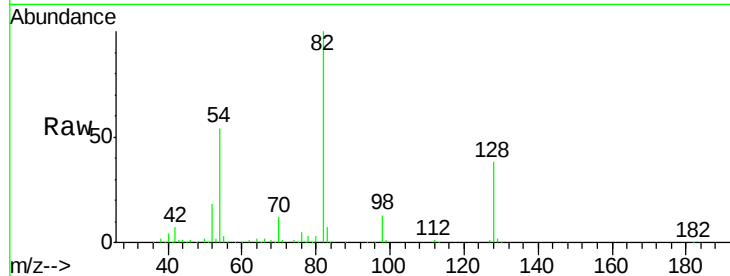




#23
 Nitrobenzene-d5
 Concen: 110.971 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

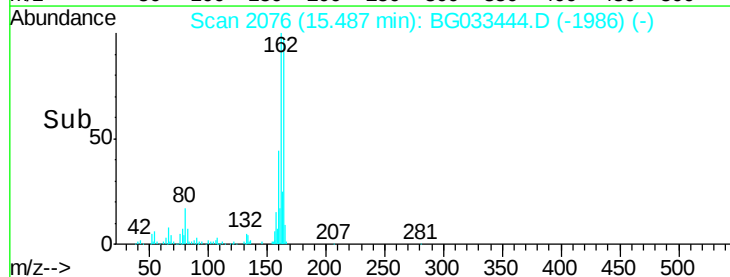
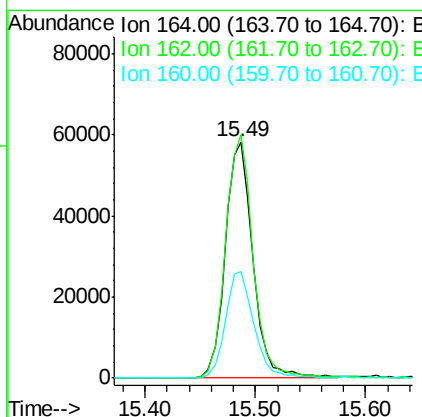
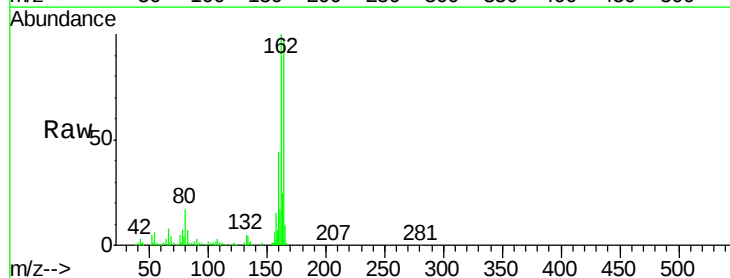
Instrument :
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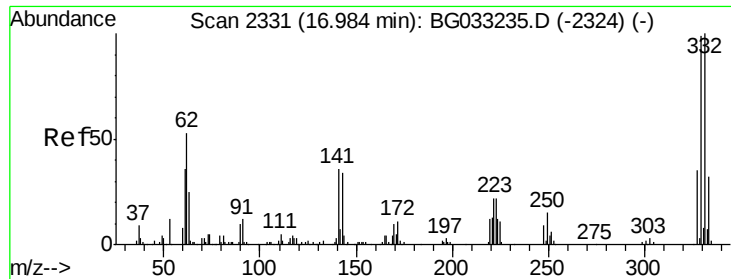
Tot Ion	82	Resp	311921
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	54.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Tgt Ion	164	Resp	101793
Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.3	35.4	53.0

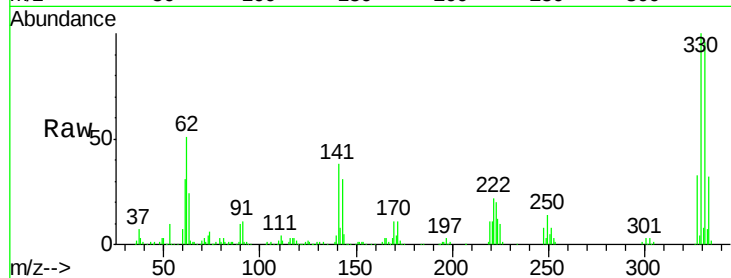




#41
 2,4,6-Tribromophenol
 Concen: 169.198 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Instrument :
 BNA_G
 ClientSampleId :
 6978

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.8	25.2	37.8

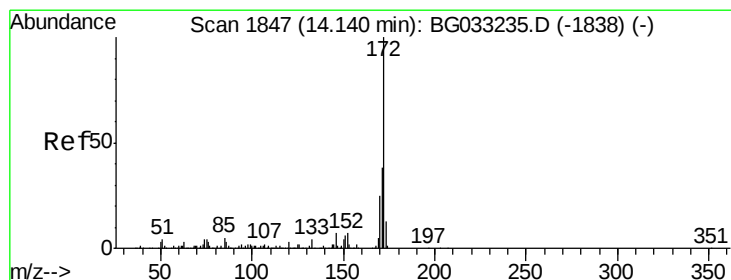
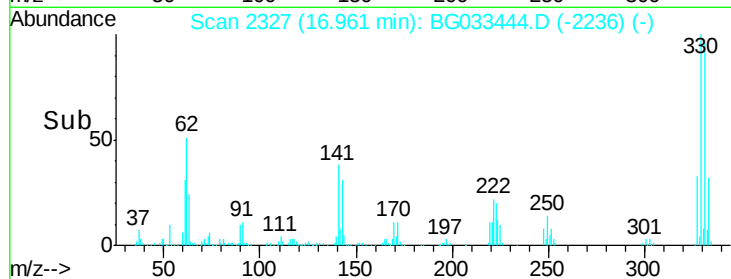
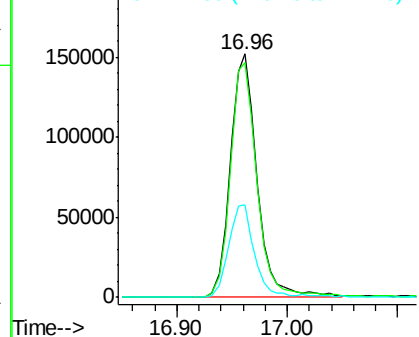


Abundance

Ion 329.80 (329.50 to 330.50): E

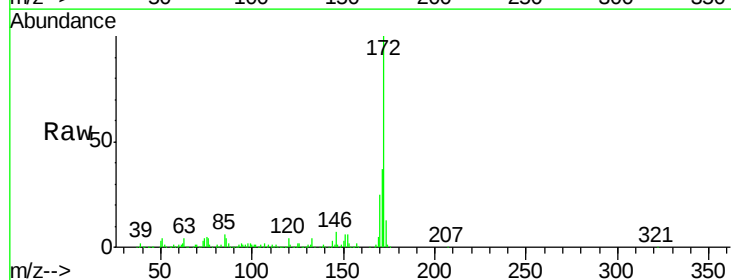
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.115 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033444.D
 Acq: 30 Mar 2018 8:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.9	19.5	29.3

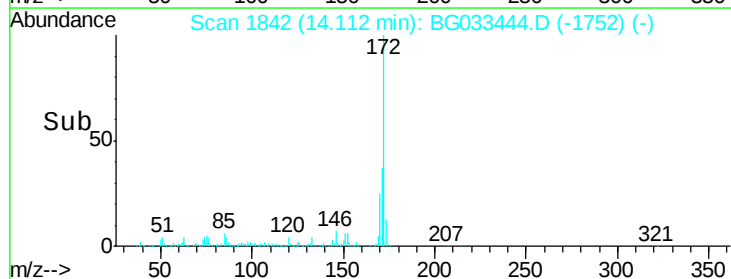
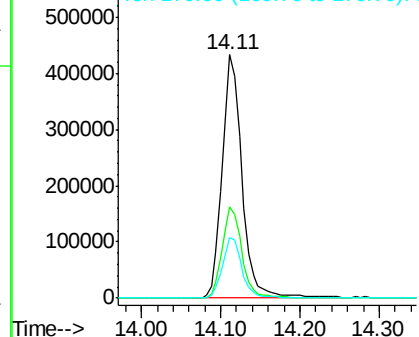


Abundance

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: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

Instrument :

BNA_G

ClientSampleId :

6978

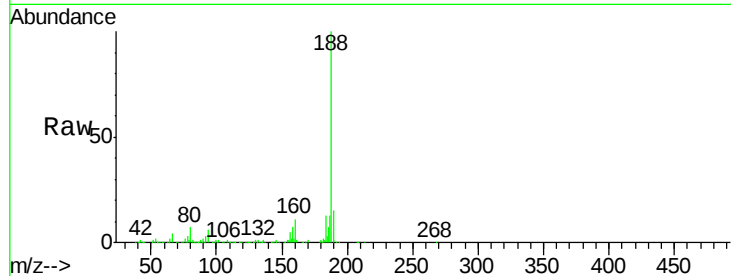
Tot Ion:188 Resp: 308852

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

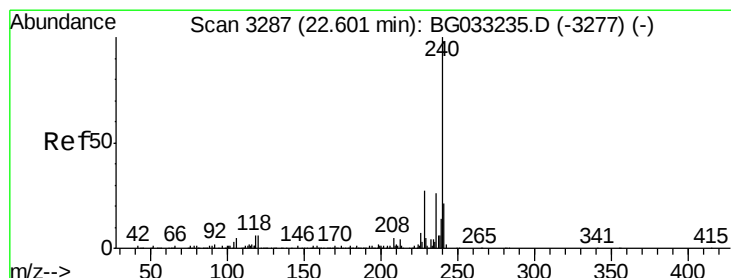
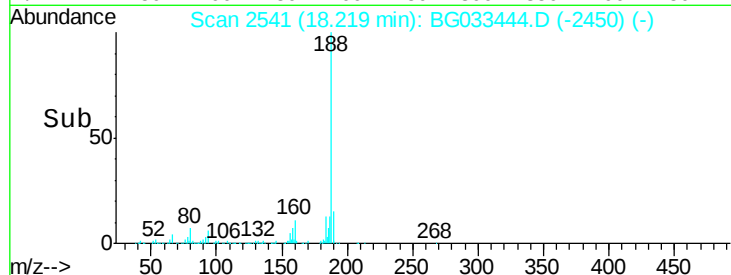
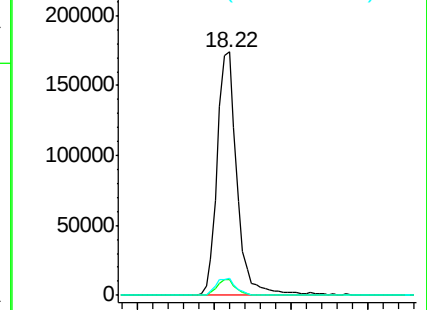
80 7.1 7.7 11.5#



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: BG033444.D

Acq: 30 Mar 2018 8:08

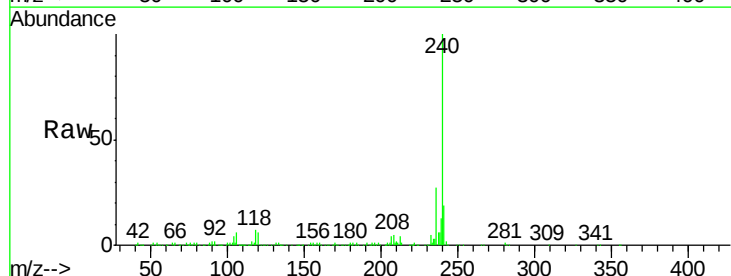
Tgt Ion:240 Resp: 333041

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

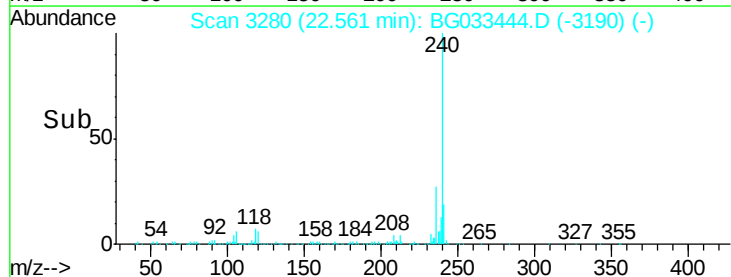
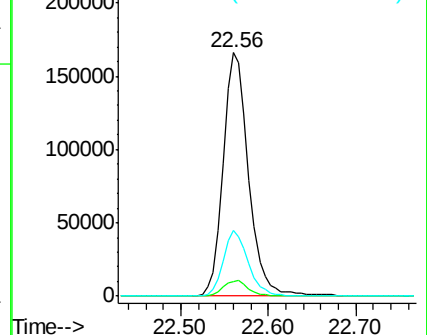
236 26.8 20.9 31.3

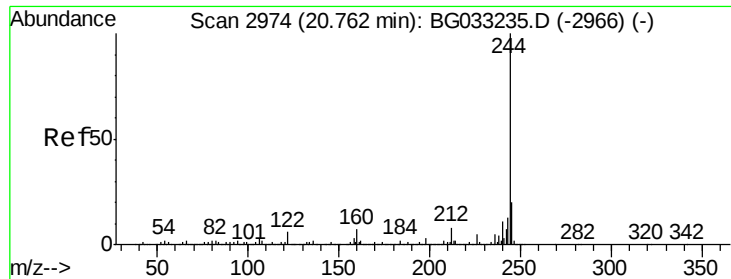


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.696 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

Instrument :

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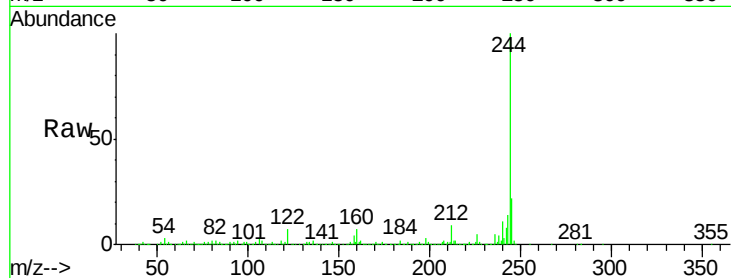
Tot Ion:244 Resp: 1645991

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

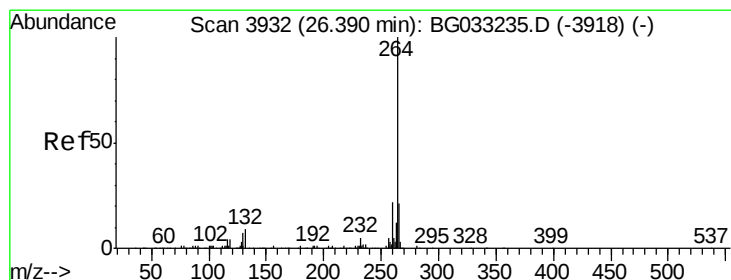
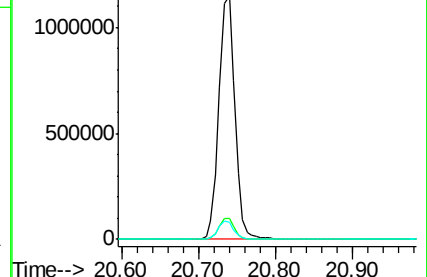
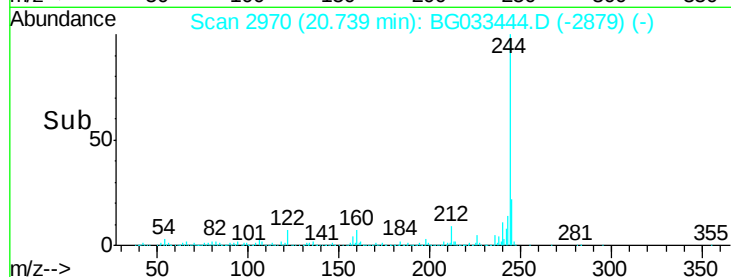
122 6.9 7.0 10.4#



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: 26.34 min Scan# 3923

Delta R.T. 0.00 min

Lab File: BG033444.D

Acq: 30 Mar 2018 8:08

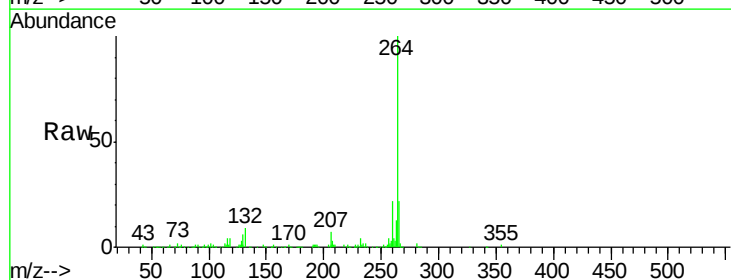
Tgt Ion:264 Resp: 356713

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.5 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

