

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033374.D
 Acq On : 27 Mar 2018 22:43
 Operator : SJ/JU
 Sample : J2076-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-180326-05

Quant Time: Mar 28 08:40:30 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	41898	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	165591	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	129430	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	350385	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	348528	20.00	ng	-0.04
86) Perylene-d12	26.33	264	373055	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	120003	53.71	ng	-0.02
7) Phenol-d6	7.97	99	127151	33.12	ng	-0.02
23) Nitrobenzene-d5	10.07	82	378488	105.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	207496	107.19	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	946289	105.55	ng	-0.02
78) Terphenyl-d14	20.73	244	1560060	95.73	ng	-0.02

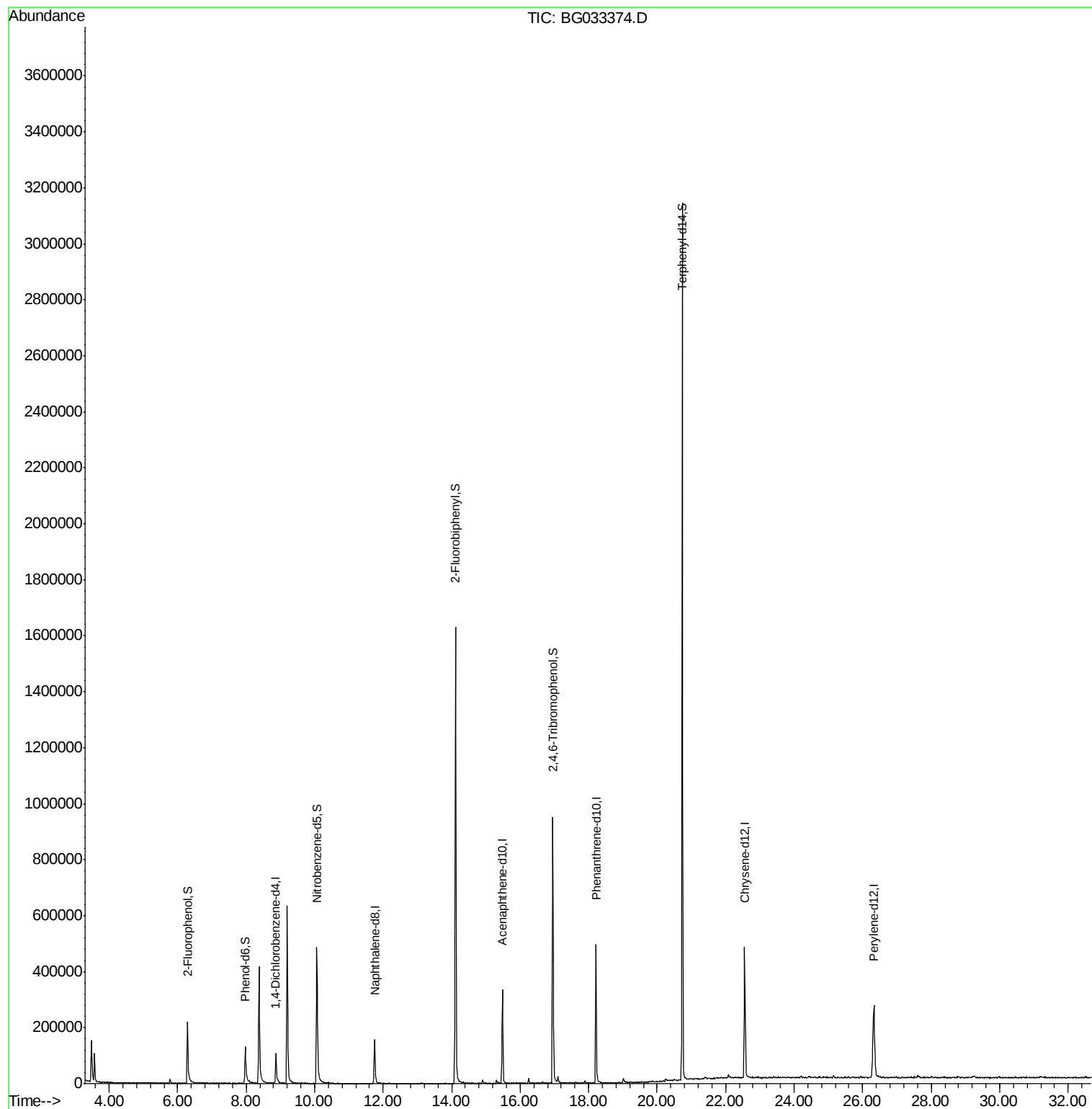
Target Compounds Qvalue

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

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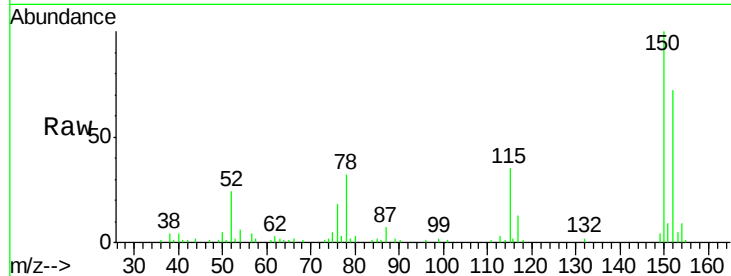


#1

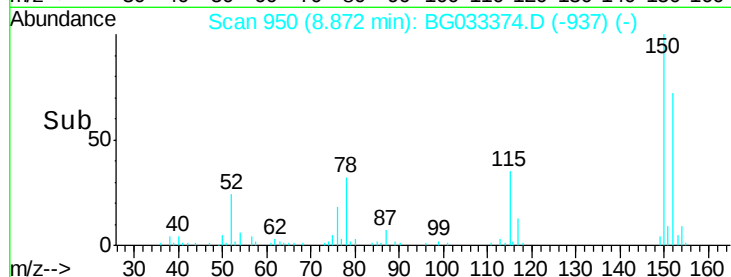
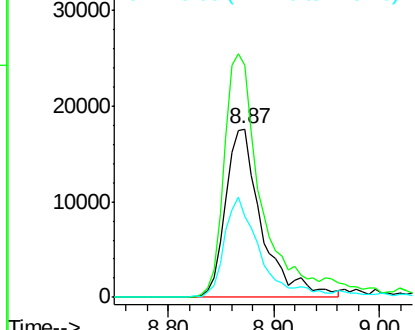
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :
EFF-180326-05

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	48.3	53.0	79.4



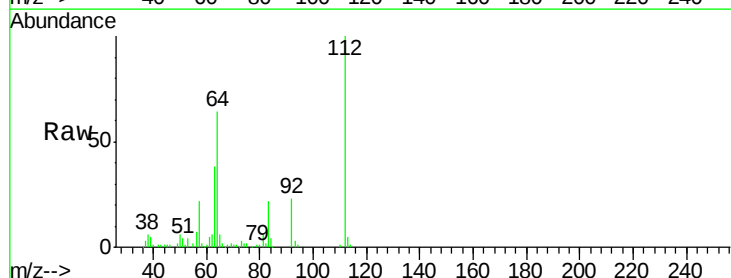
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



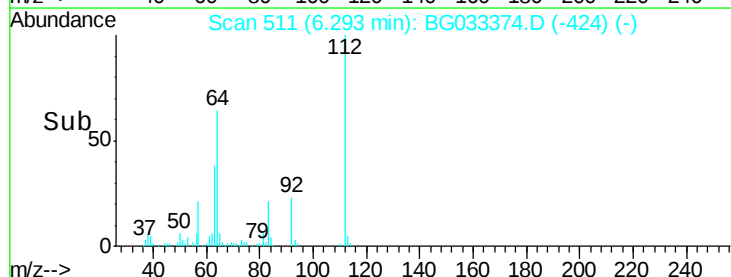
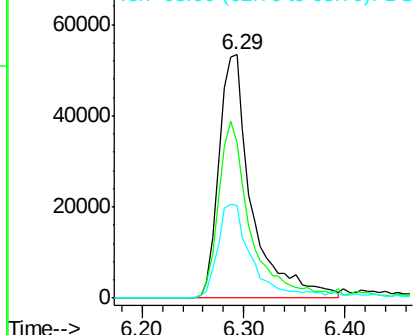
#5

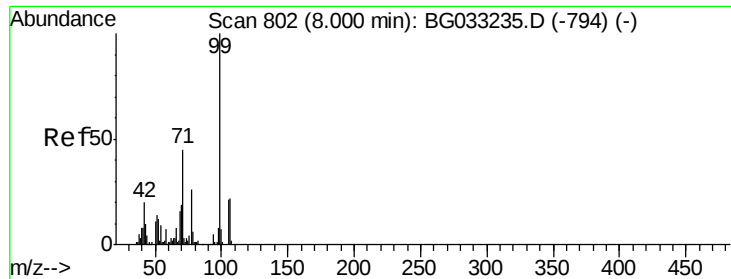
2-Fluorophenol
Concen: 53.707 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.3	84.5
63	38.1	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 33.119 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

EFF-180326-05

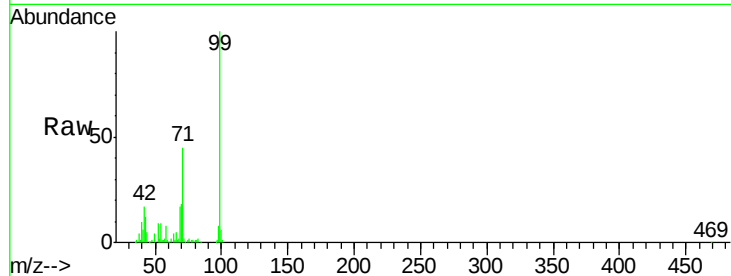
Tot Ion: 99 Resp: 127151

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

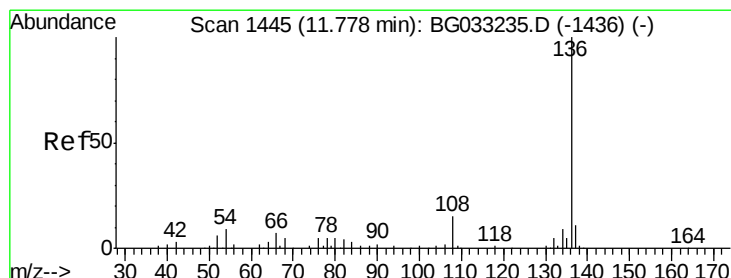
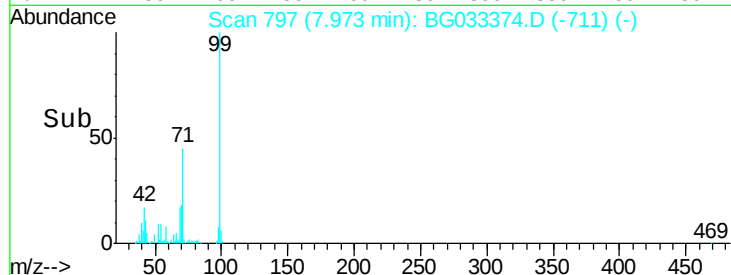
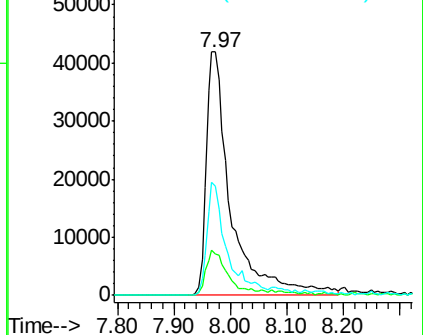
71 45.1 26.1 39.1#



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# 1439

Delta R.T. -0.04 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Tgt Ion: 136 Resp: 165591

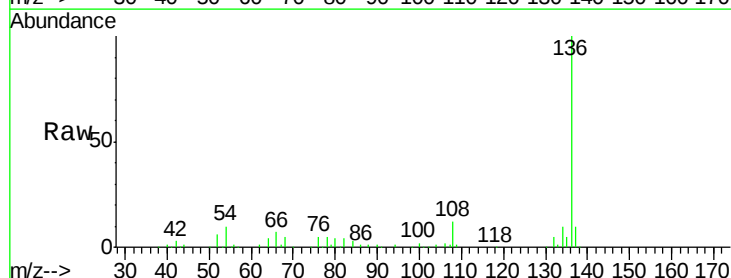
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 9.6 10.3 15.5#

68 5.1 4.5 6.7

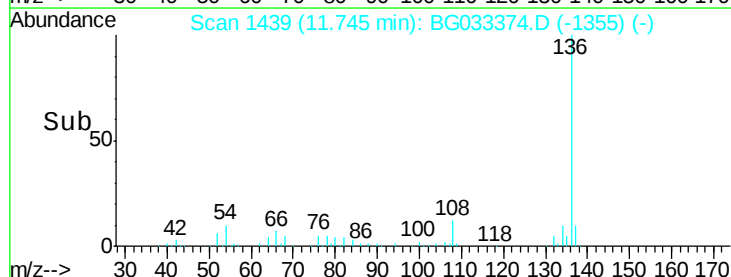
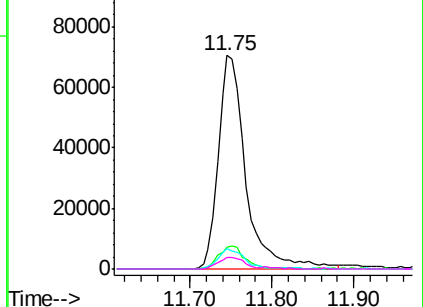


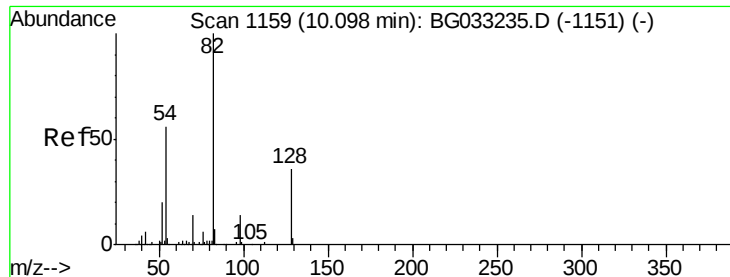
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 105.013 ng

RT: 10.07 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

EFF-180326-05

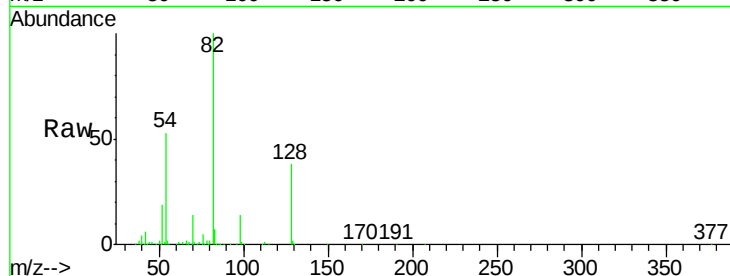
Tot Ion: 82 Resp: 378488

Ion Ratio Lower Upper

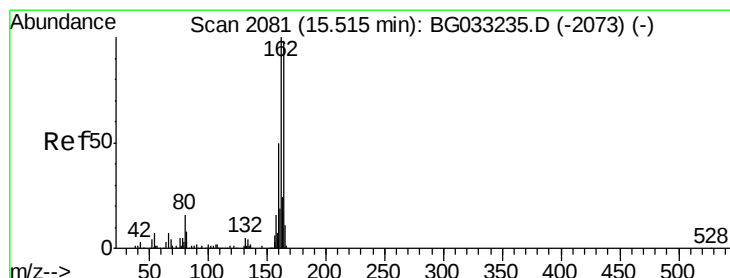
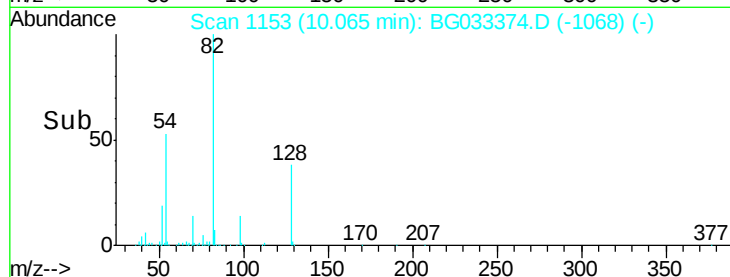
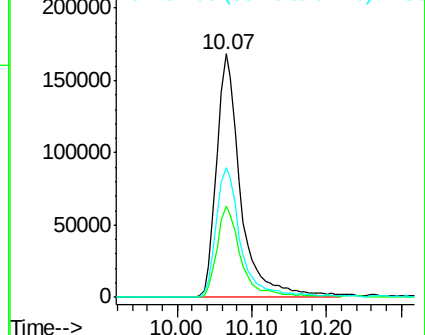
82 100

128 37.7 29.7 44.5

54 53.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

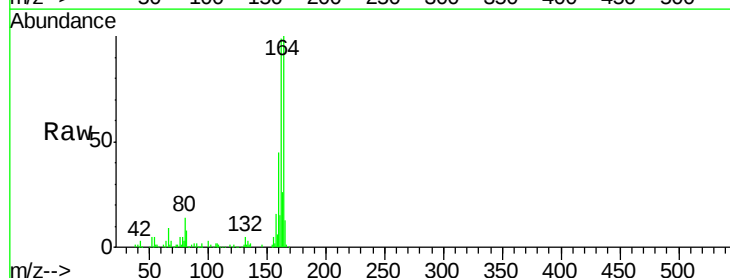
Tgt Ion: 164 Resp: 129430

Ion Ratio Lower Upper

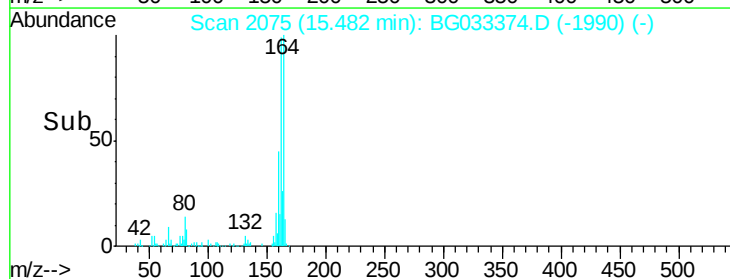
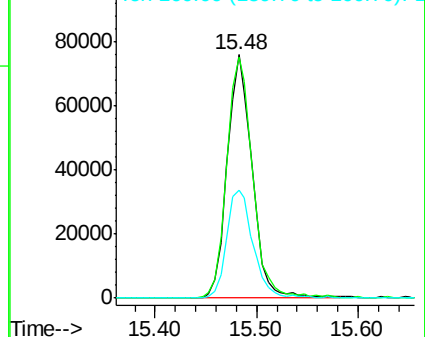
164 100

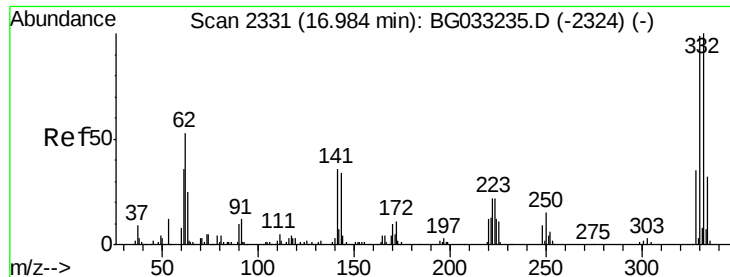
162 99.1 78.8 118.2

160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

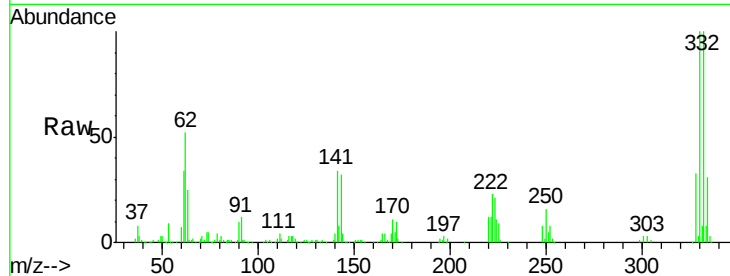




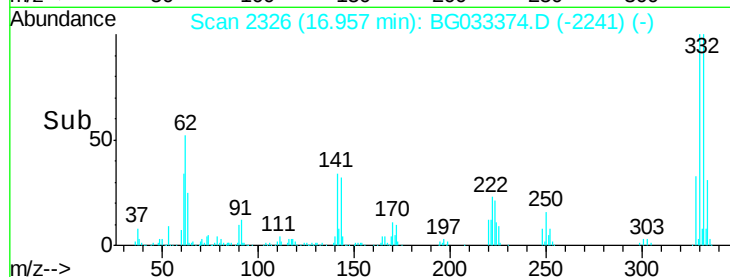
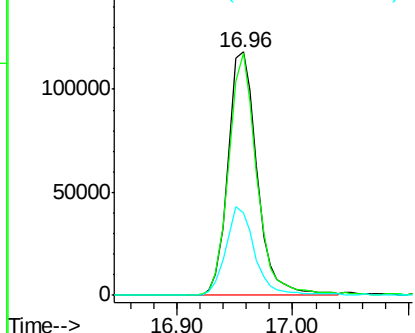
#41
 2,4,6-Tribromophenol
 Concen: 107.190 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 EFF-180326-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.2	25.2	37.8

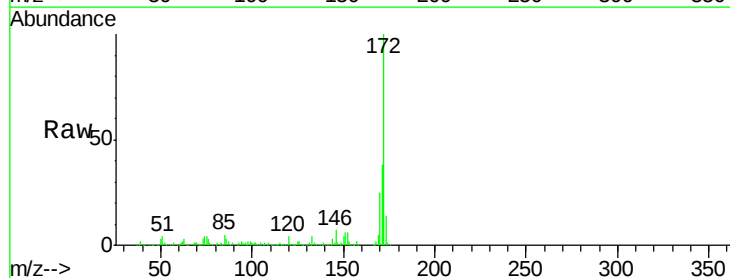


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

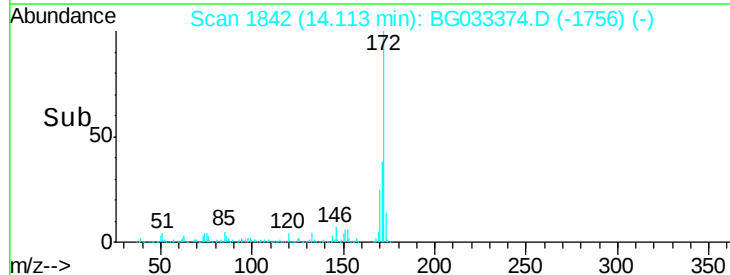
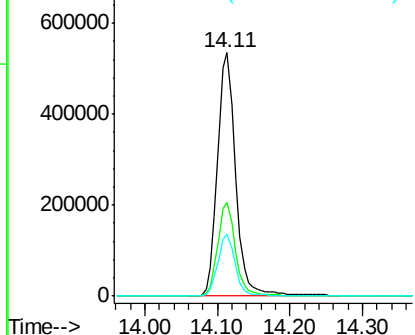


#44
 2-Fluorobiphenyl
 Concen: 105.547 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.4	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

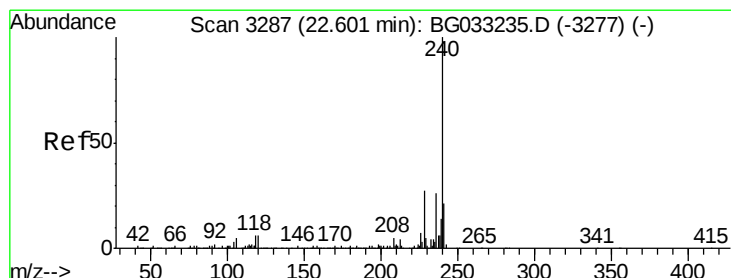
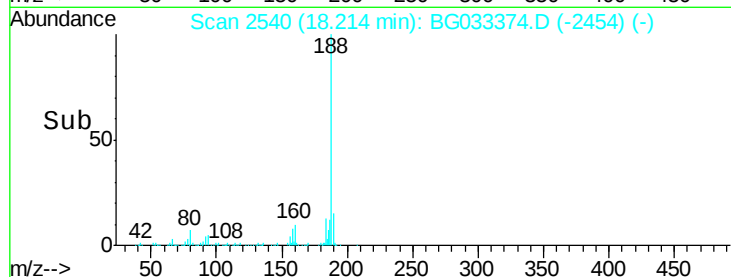
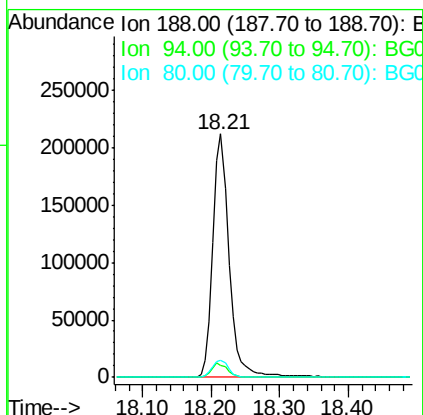
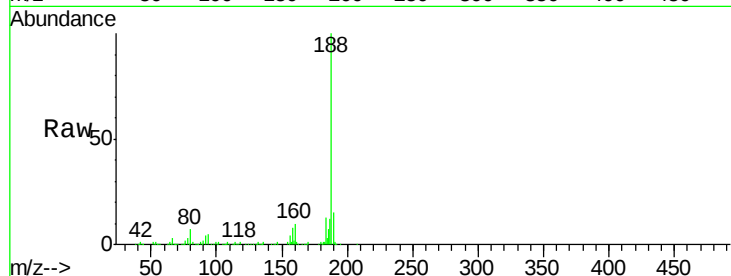




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

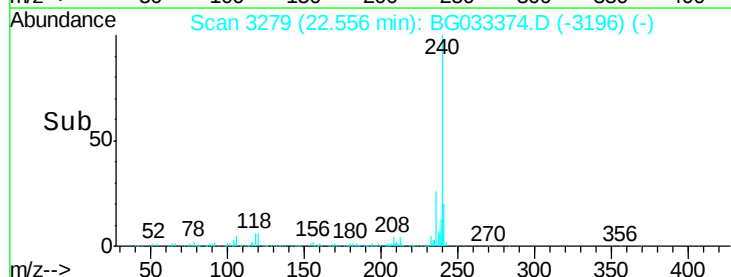
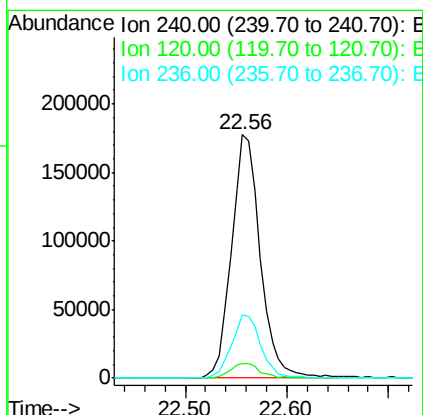
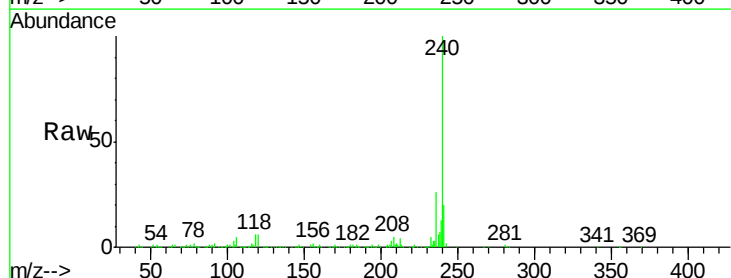
Instrument :
BNA_G
ClientSampleId :
EFF-180326-05

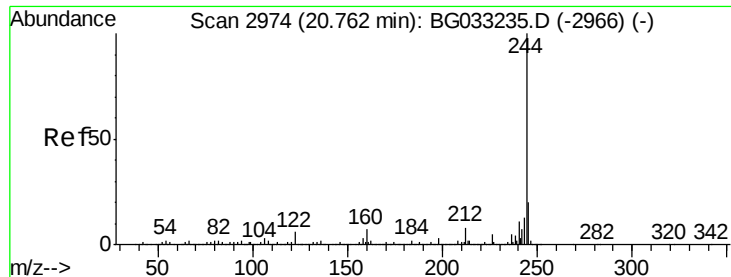
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	7.0	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.1	20.9	31.3

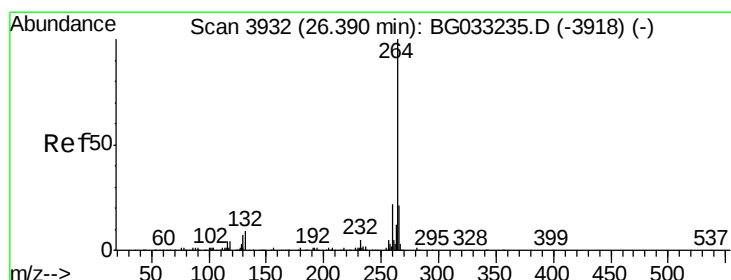
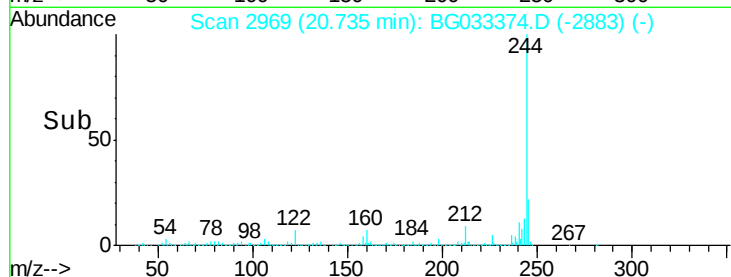
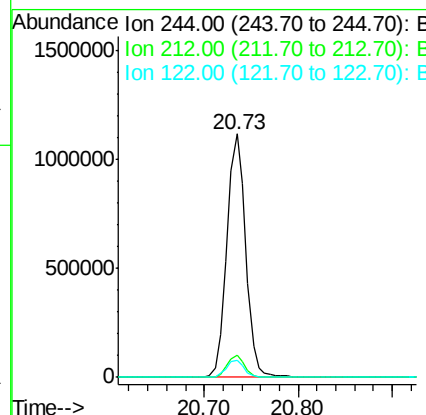
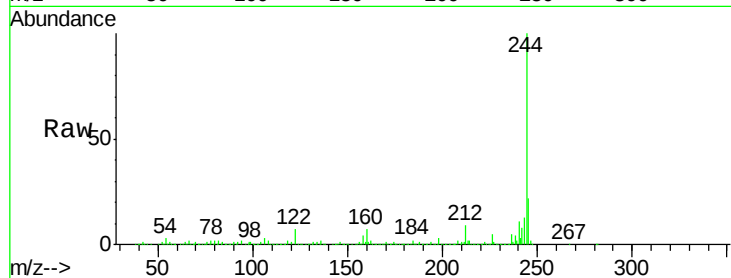




#78
 Terphenyl-d14
 Concen: 95.727 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.02 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 EFF-180326-05

Tot Ion:244 Resp: 1560060
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Tgt Ion:264 Resp: 373055
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 21.9 17.7 26.5

