

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032532.D
 Acq On : 3 Feb 2018 4:25
 Operator : SJ/JU
 Sample : J1436-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B18

Quant Time: Feb 03 05:51:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23984	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	98066	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	72553	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	202261	20.00	ng	0.00
75) Chrysene-d12	22.40	240	262493	20.00	ng	-0.02
86) Perylene-d12	26.07	264	253817	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	133403	111.72	ng	0.00
7) Phenol-d6	7.82	99	170987	107.31	ng	0.00
23) Nitrobenzene-d5	9.90	82	126134	80.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	157717	114.20	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	491216	80.47	ng	-0.02
78) Terphenyl-d14	20.62	244	1116620	91.12	ng	0.00

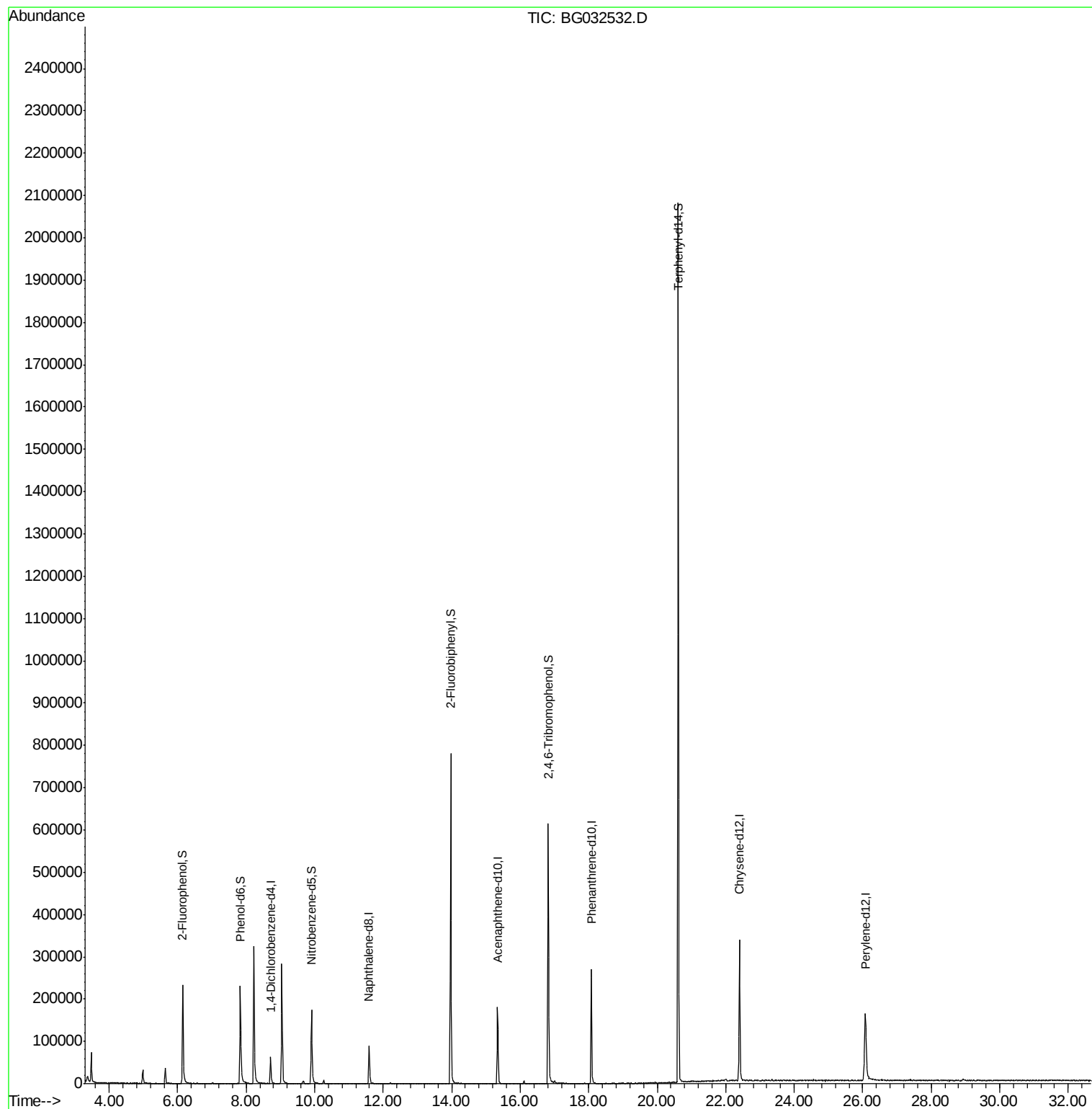
Target Compounds Qvalue

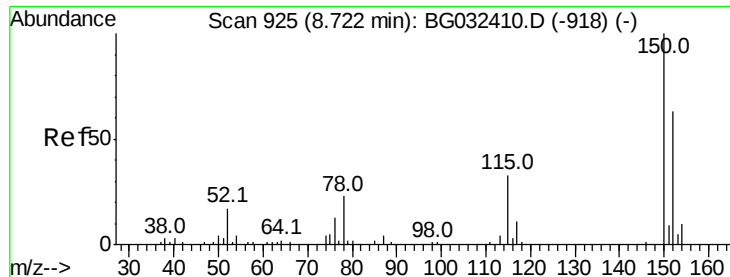
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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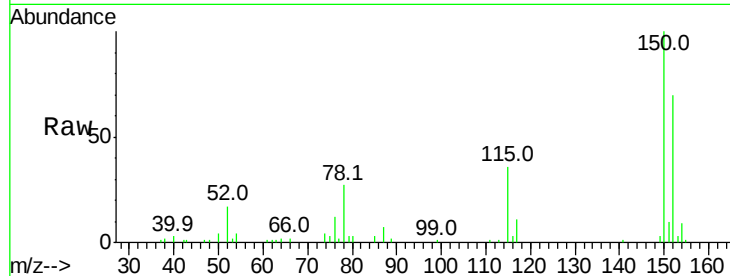


#1

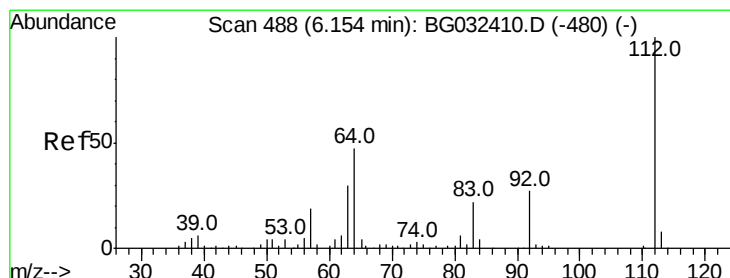
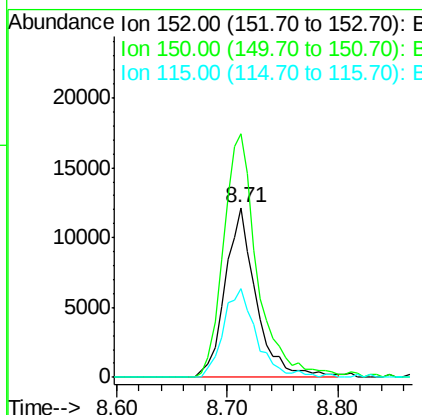
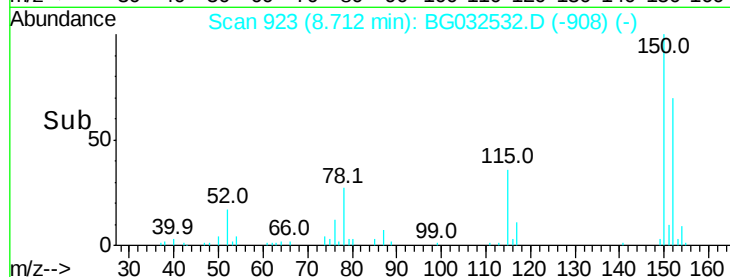
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :
 B18

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.6	189.8
115	52.3	53.0	79.4



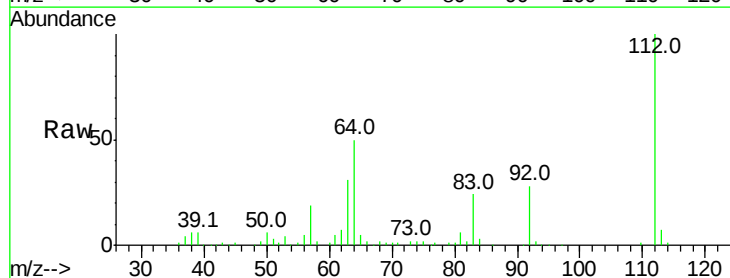
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



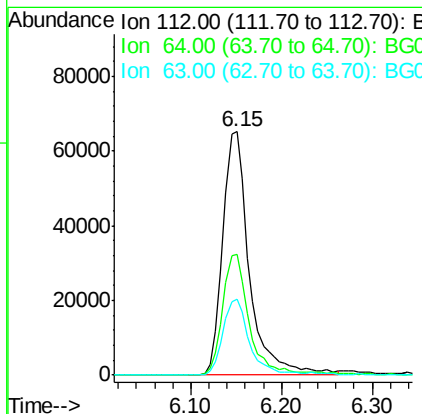
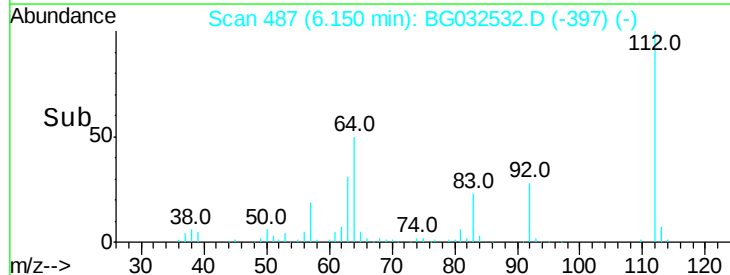
#5

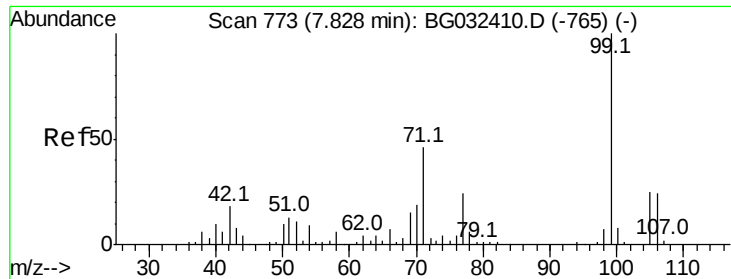
2-Fluorophenol
 Concen: 111.719 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	56.3	84.5
63	30.9	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: 107.309 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

B18

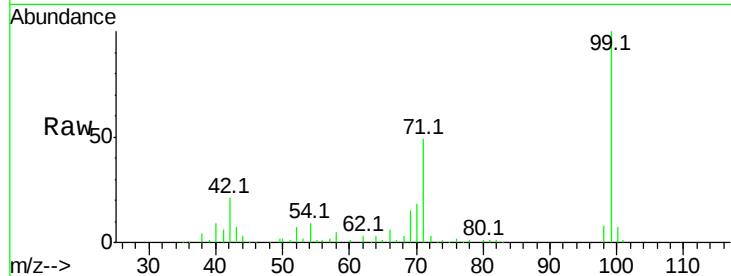
Tot Ion: 99 Resp: 170987

Ion Ratio Lower Upper

99 100

42 20.9 14.1 21.1

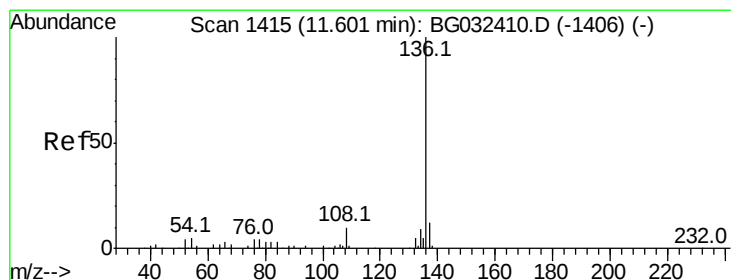
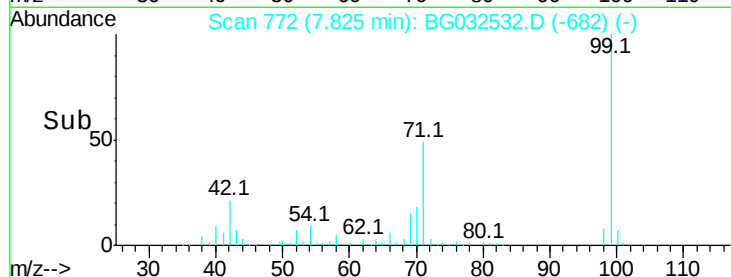
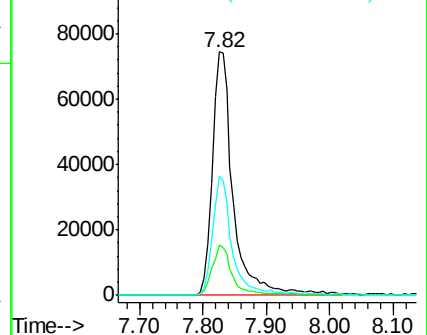
71 48.9 26.1 39.1#



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: 11.59 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

Tgt Ion:136 Resp: 98066

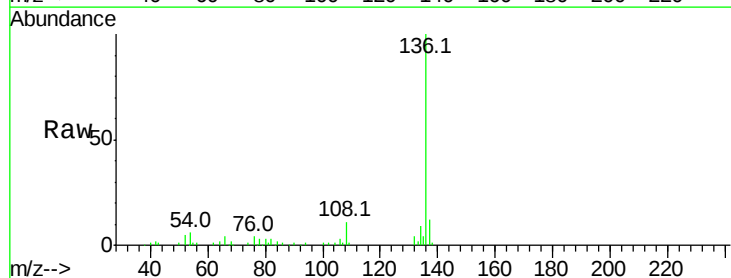
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.7 10.3 15.5#

68 2.8 4.5 6.7#

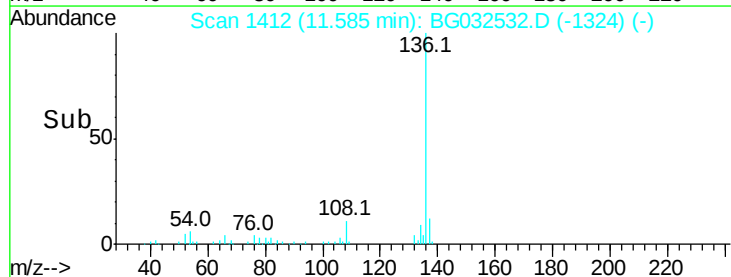
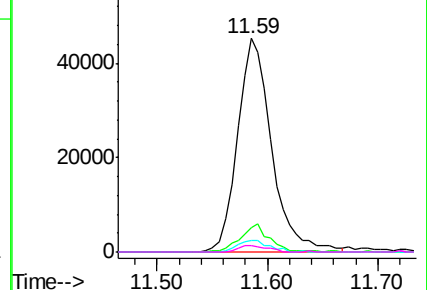


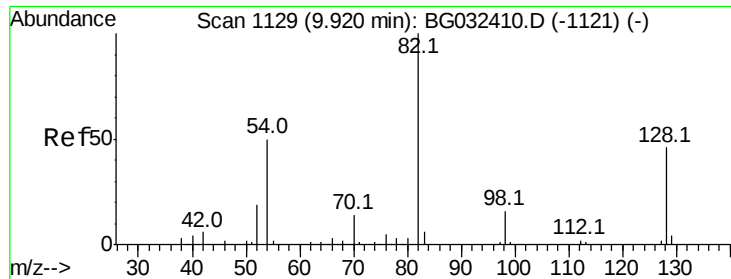
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

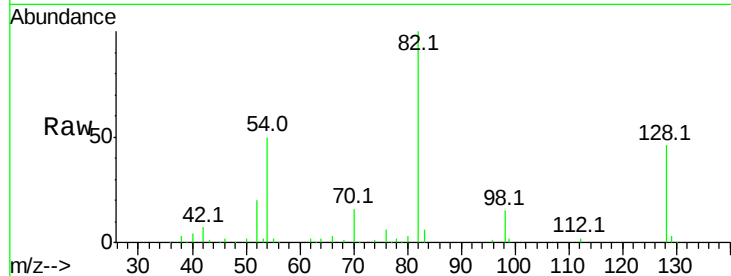




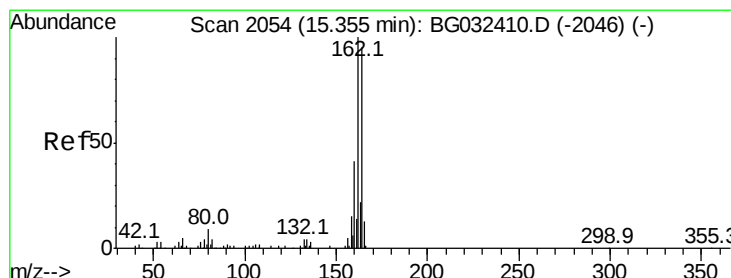
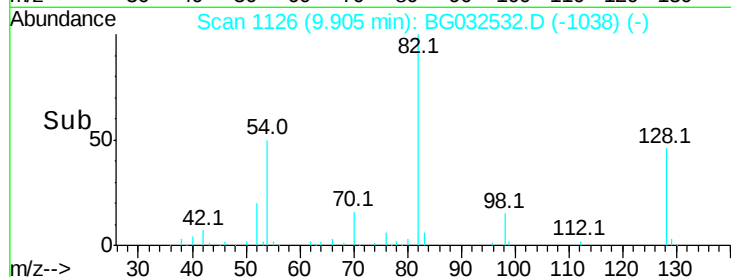
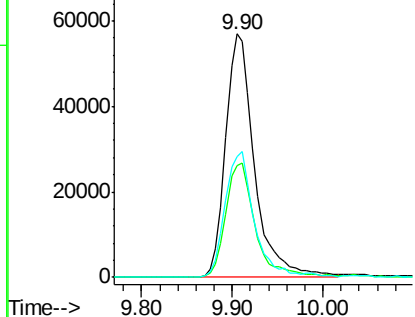
#23
 Nitrobenzene-d5
 Concen: 80.338 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampled :
 B18

Tot Ion	82	Resp	126134
Ion Ratio	Lower	Upper	
82	100		
128	46.1	29.7	44.5#
54	49.6	43.1	64.7

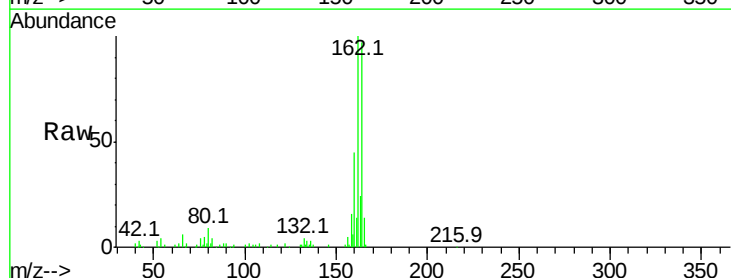


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

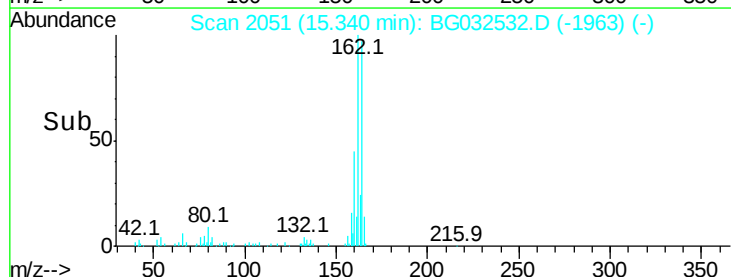
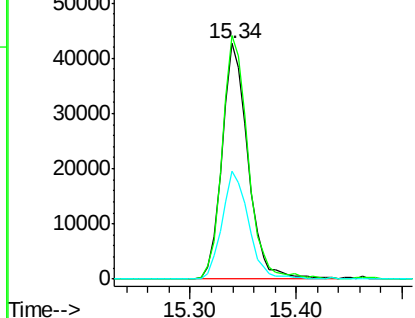


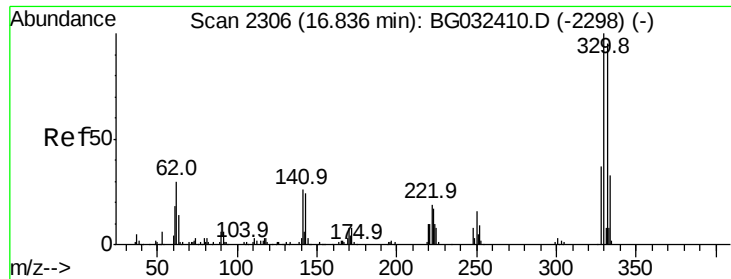
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion	164	Resp	72553
Ion Ratio	Lower	Upper	
164	100		
162	103.4	78.8	118.2
160	46.1	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

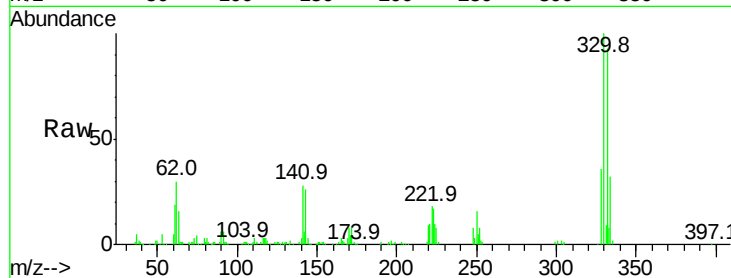




#41
 2,4,6-Tribromophenol
 Concen: 114.201 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Instrument :
 BNA_G
 ClientSampleId :
 B18

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.2	25.2	37.8

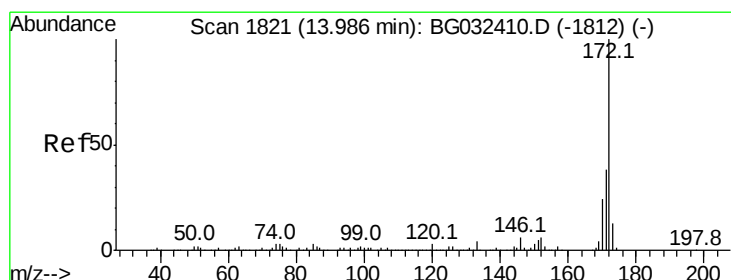
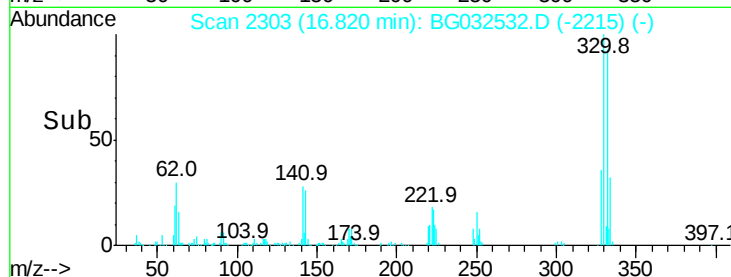
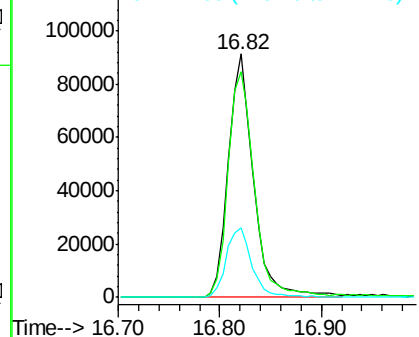


Abundance

Ion 329.80 (329.50 to 330.50): E

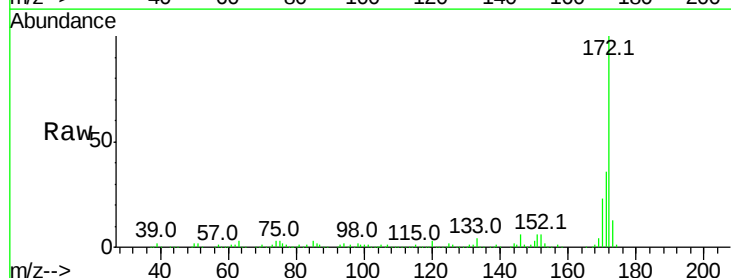
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.471 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032532.D
 Acq: 3 Feb 2018 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	22.6	19.5	29.3

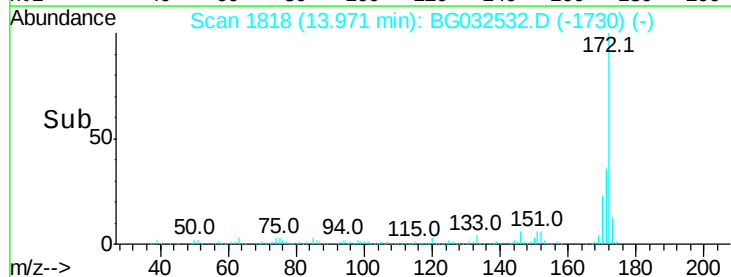
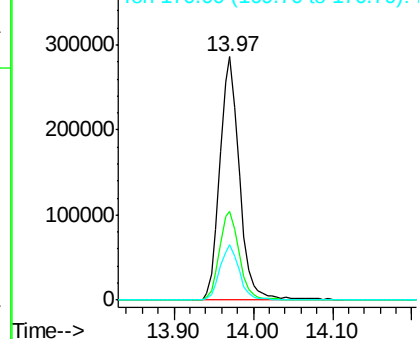


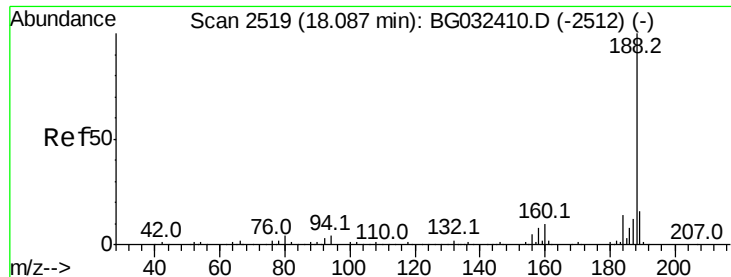
Abundance

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

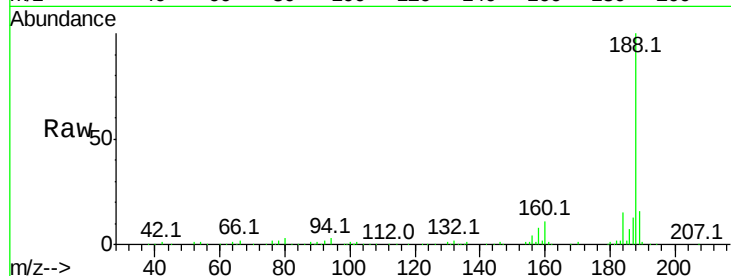




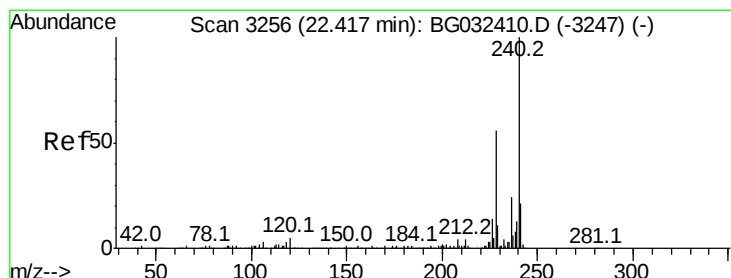
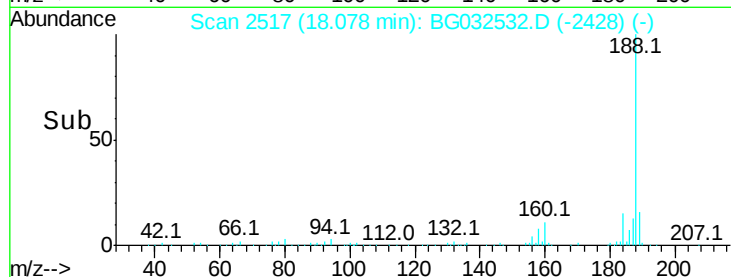
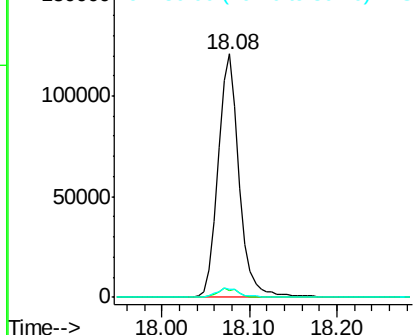
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

Instrument :
BNA_G
ClientSampleId :
B18

Tot Ion:188 Resp: 202261
Ion Ratio Lower Upper
188 100
94 3.0 6.9 10.3#
80 3.1 7.7 11.5#

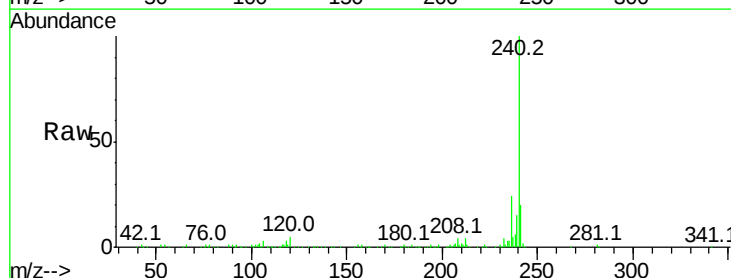


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

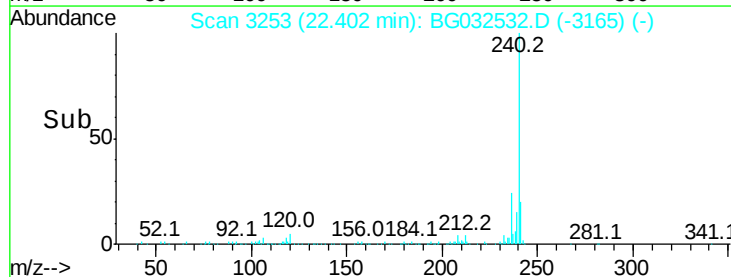
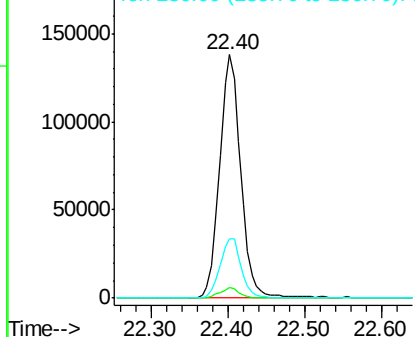


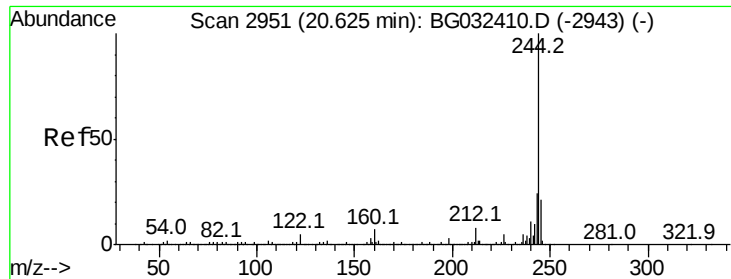
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032532.D
Acq: 3 Feb 2018 4:25

Tgt Ion:240 Resp: 262493
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.4 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: 91.122 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

Instrument :

BNA_G

ClientSampleId :

B18

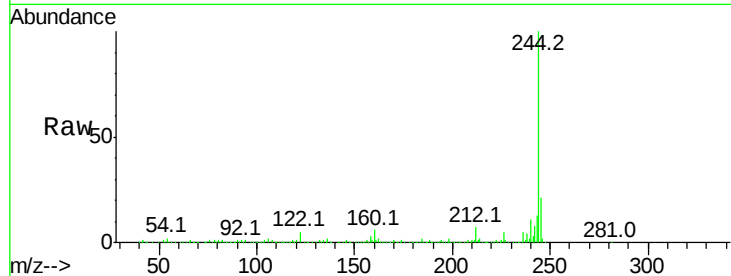
Tot Ion:244 Resp: 1116620

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	5.1	7.0	10.4

244 100

212 7.4 5.8 8.8

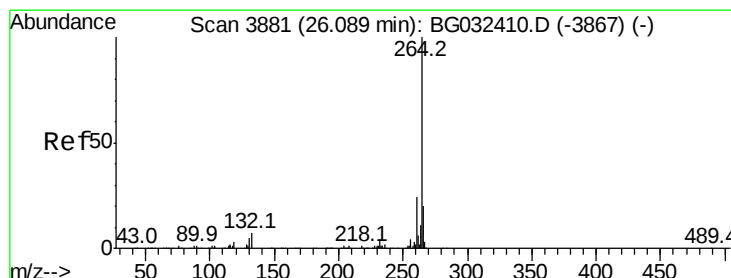
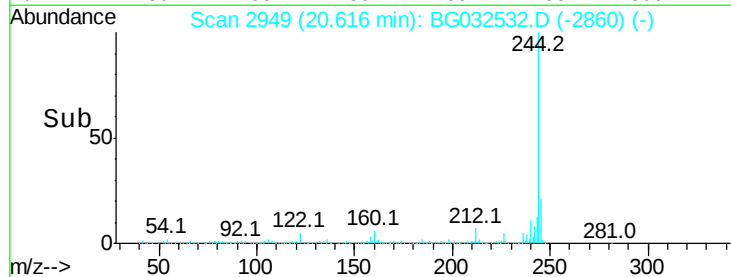
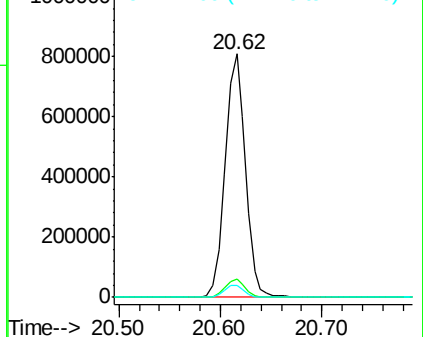
122 5.1 7.0 10.4



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: 26.07 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BG032532.D

Acq: 3 Feb 2018 4:25

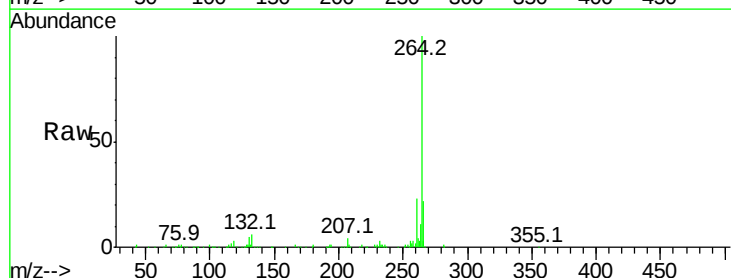
Tgt Ion:264 Resp: 253817

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.2	17.7	26.5

264 100

260 22.8 17.4 26.0

265 22.2 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

