

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033462.D
 Acq On : 30 Mar 2018 23:54
 Operator : SJ/JU
 Sample : J1761-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-032818

Quant Time: Apr 02 12:06:15 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	29484	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	126027	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	105712	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318891	20.00	ng	0.00
75) Chrysene-d12	22.55	240	329340	20.00	ng	0.00
86) Perylene-d12	26.32	264	351068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	37102	23.60	ng	0.00
7) Phenol-d6	7.99	99	58175	21.53	ng	0.00
23) Nitrobenzene-d5	10.07	82	44933	16.38	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	43925	27.78	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	131386	17.94	ng	0.00
78) Terphenyl-d14	20.73	244	327330	21.26	ng	0.00

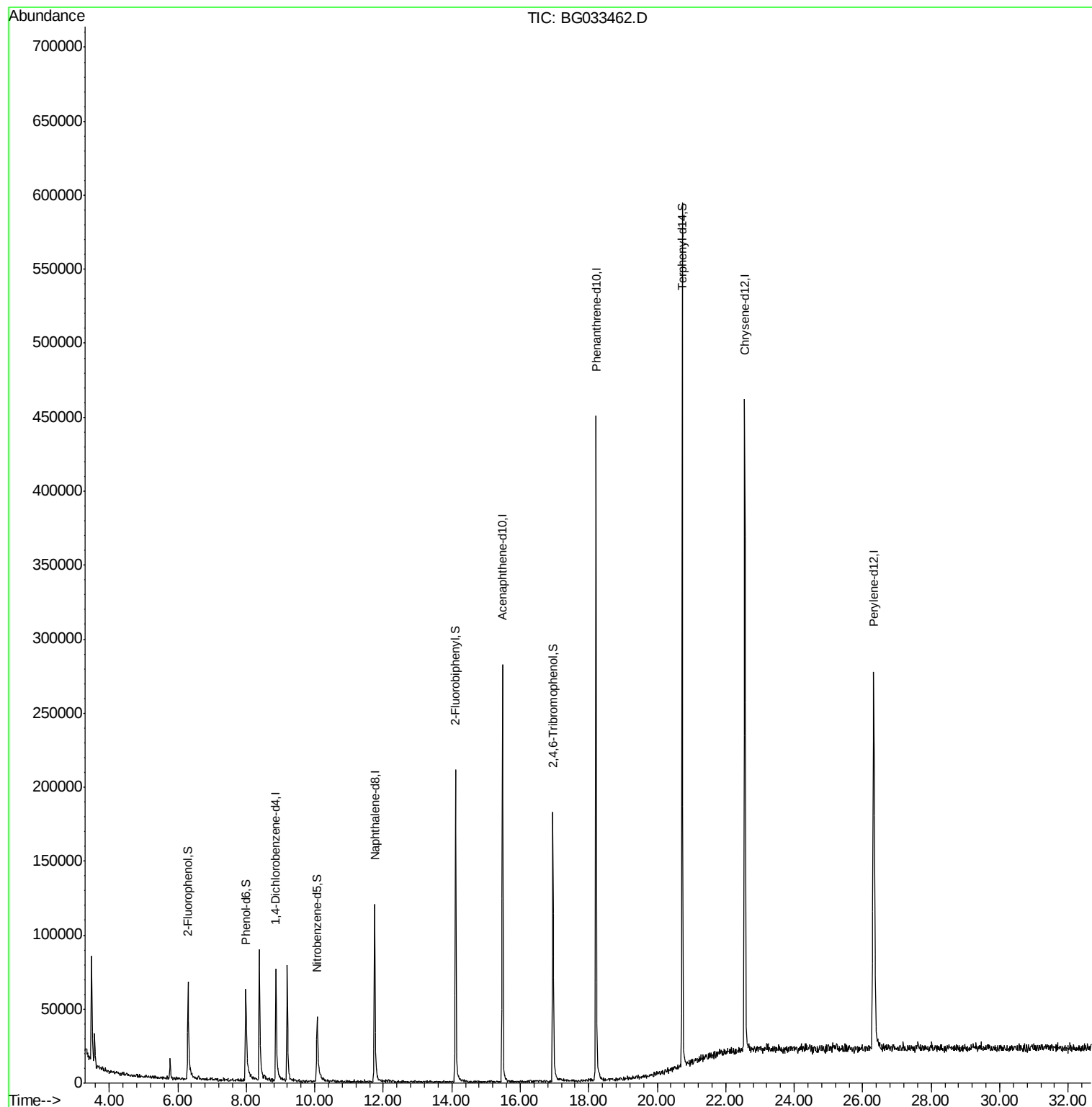
Target Compounds Qvalue

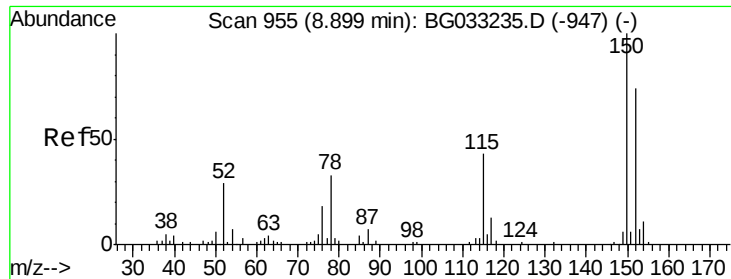
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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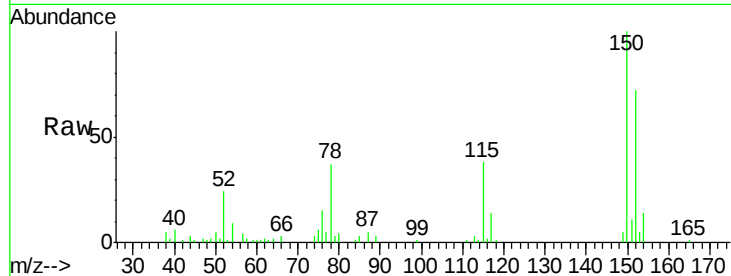


#1

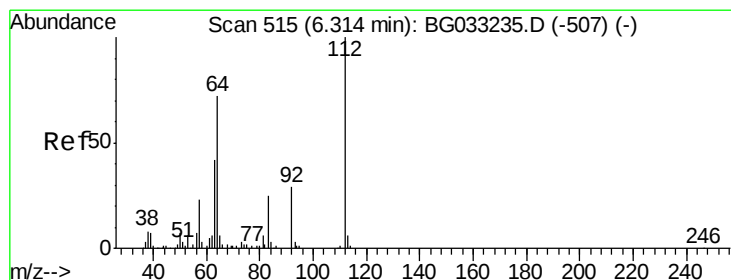
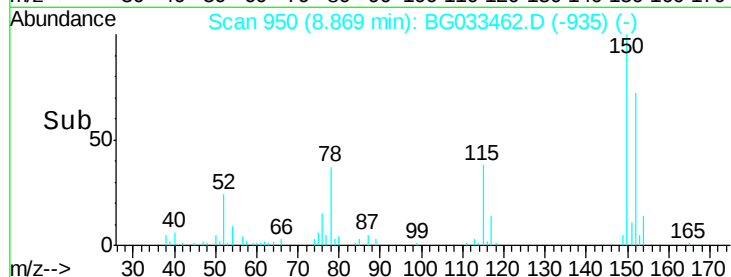
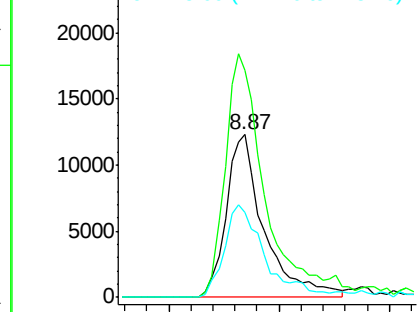
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
TR-04-032818

Tot Ion:152 Resp: 29484
Ion Ratio Lower Upper
152 100
150 139.1 126.6 189.8
115 52.3 53.0 79.4#



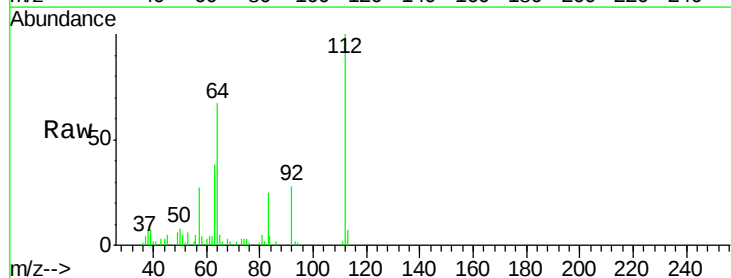
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



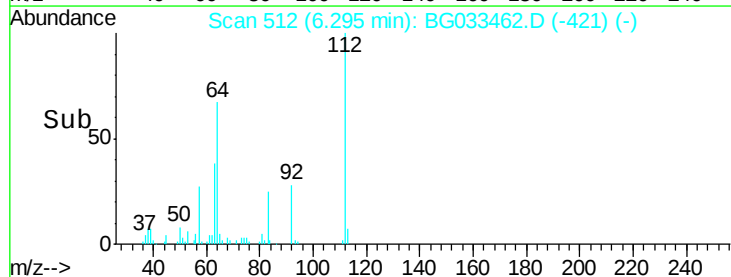
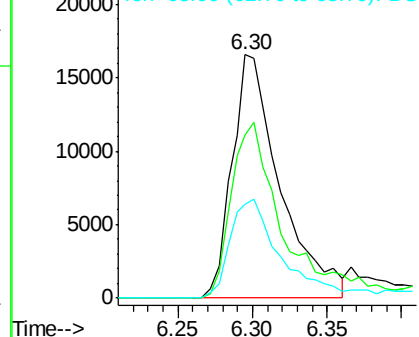
#5

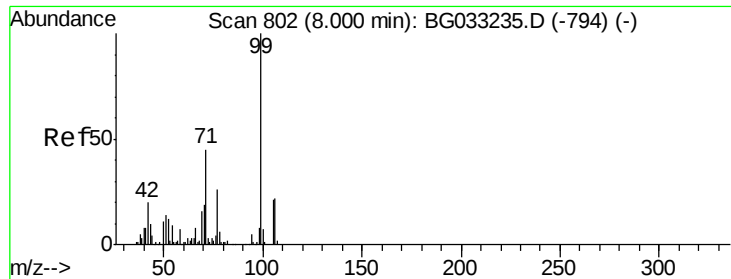
2-Fluorophenol
Concen: 23.596 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033462.D
Acq: 30 Mar 2018 23:54

Tgt Ion:112 Resp: 37102
Ion Ratio Lower Upper
112 100
64 66.9 56.3 84.5
63 38.3 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: 21.533 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

TR-04-032818

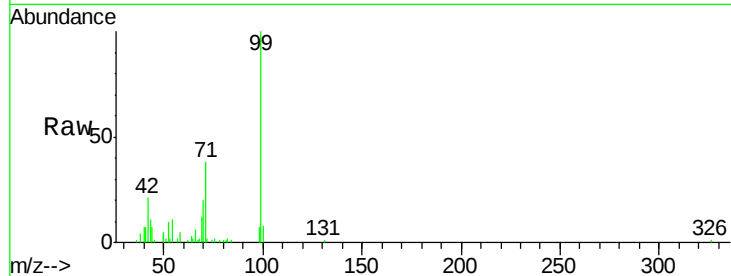
Tot Ion: 99 Resp: 58175

Ion Ratio Lower Upper

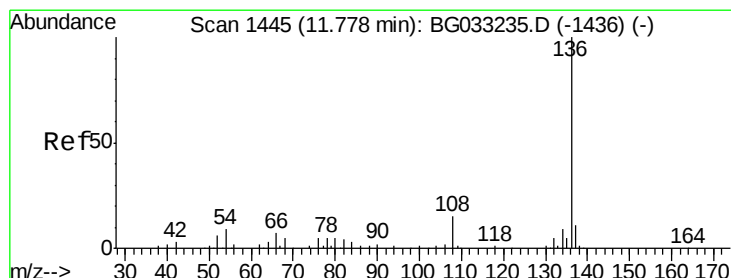
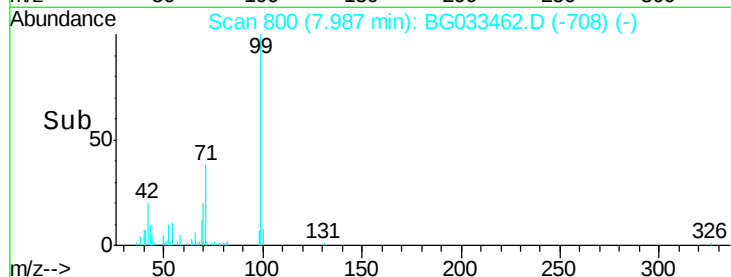
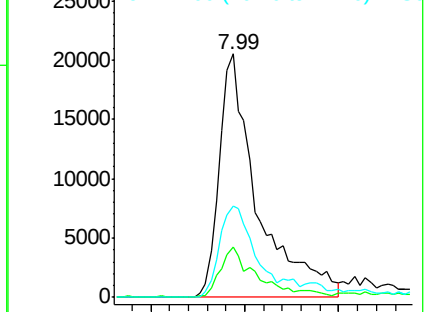
99 100

42 20.9 14.1 21.1

71 37.6 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: BG033462.D

Acq: 30 Mar 2018 23:54

Tgt Ion: 136 Resp: 126027

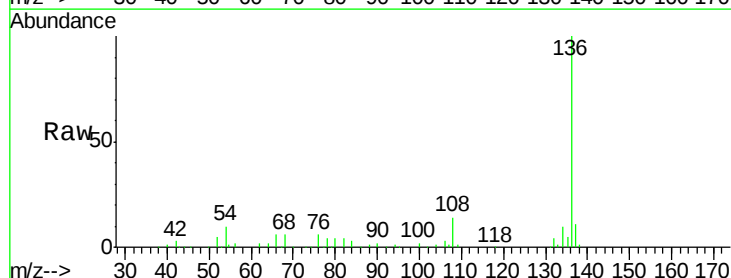
Ion Ratio Lower Upper

136 100

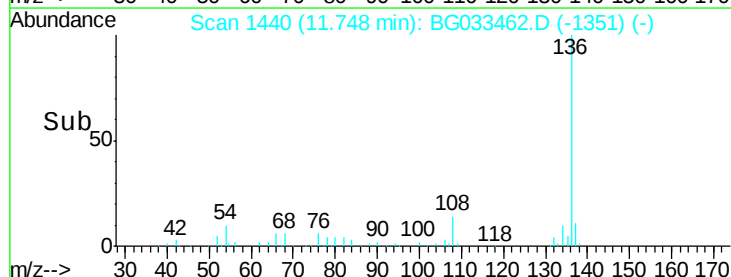
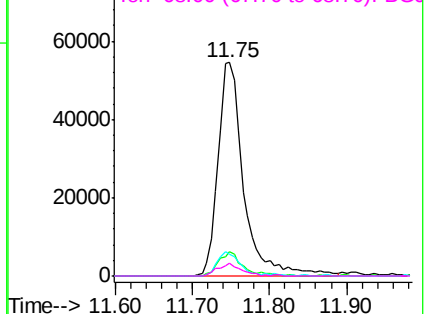
137 11.3 9.2 13.8

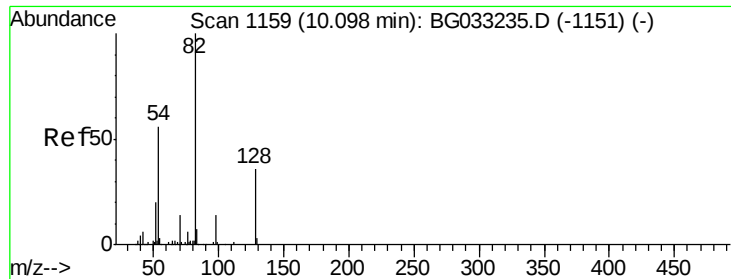
54 11.0 10.3 15.5

68 5.9 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

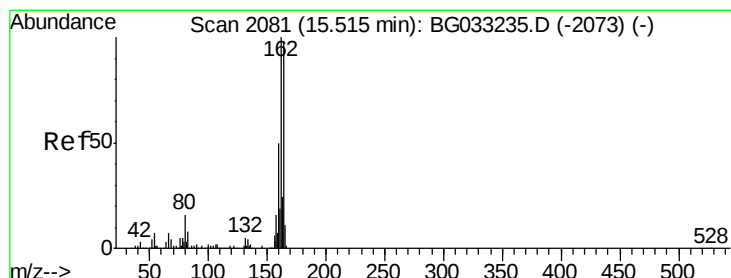
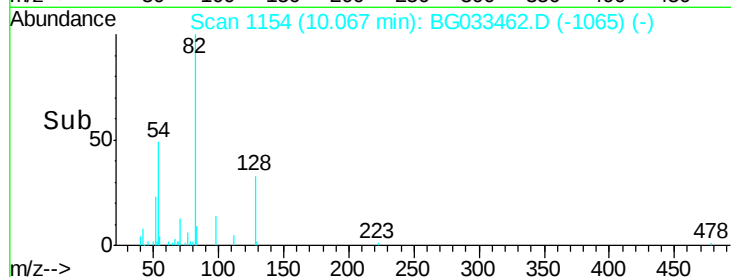
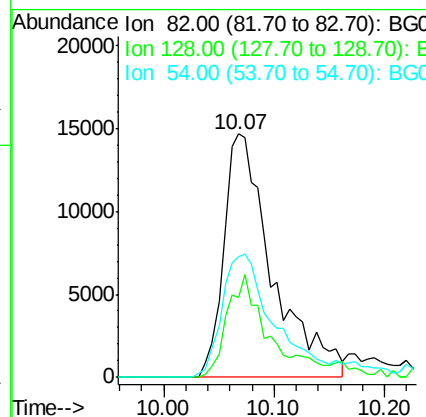
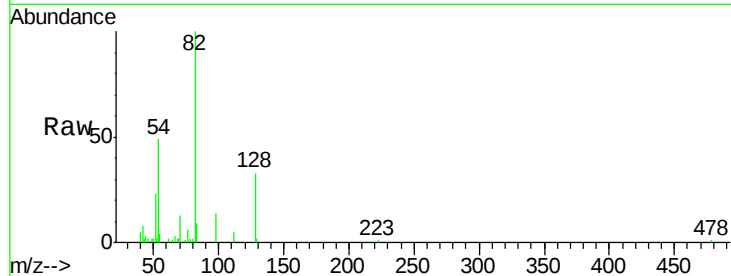




#23
 Nitrobenzene-d5
 Concen: 16.381 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033462.D
 Acq: 30 Mar 2018 23:54

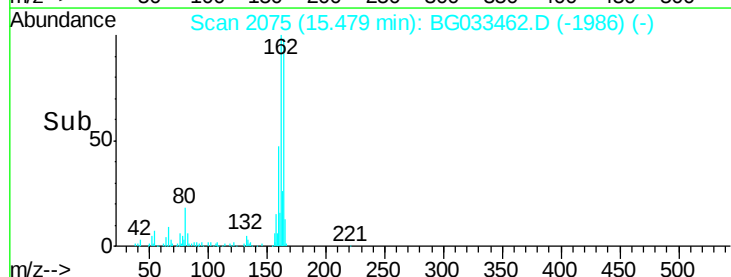
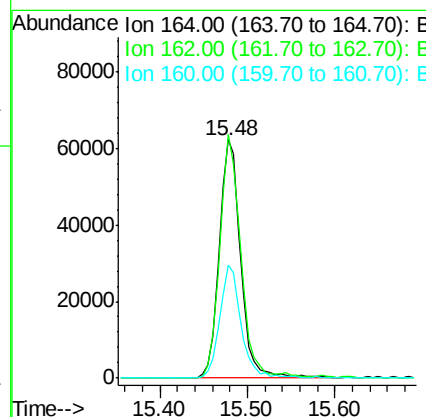
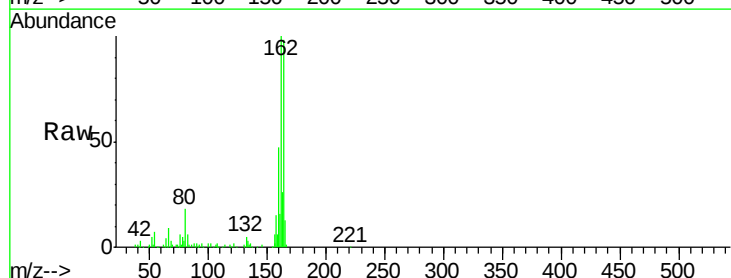
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-032818

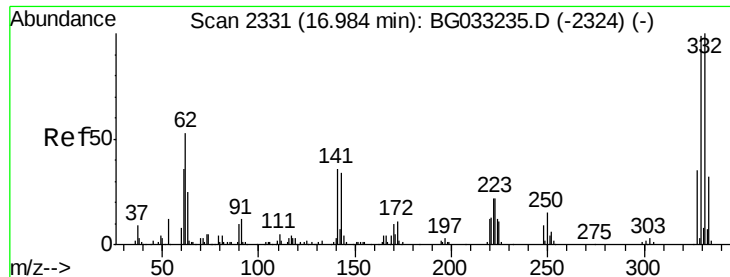
Tot Ion	82	Resp	44933
Ion Ratio	Lower	Upper	
82	100		
128	32.8	29.7	44.5
54	49.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033462.D
 Acq: 30 Mar 2018 23:54

Tgt Ion	164	Resp	105712
Ion Ratio	Lower	Upper	
164	100		
162	102.3	78.8	118.2
160	47.8	35.4	53.0

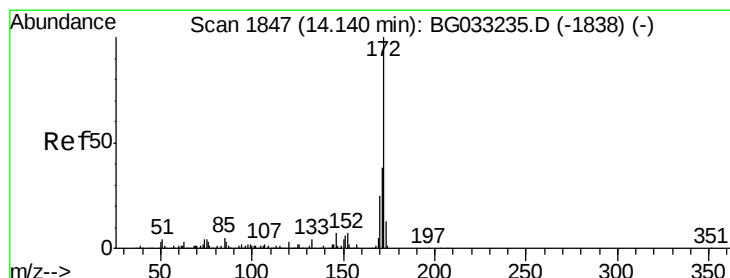
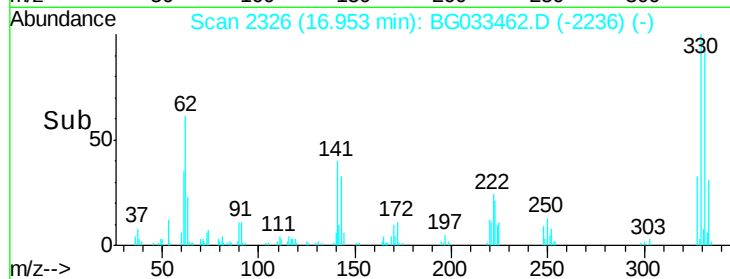
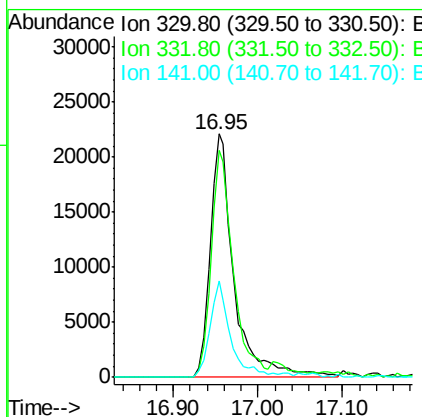
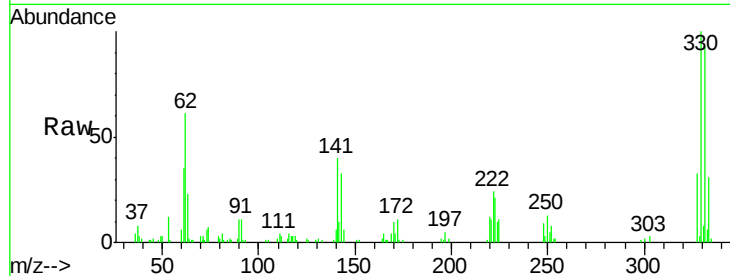




#41
 2,4,6-Tribromophenol
 Concen: 27.782 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033462.D
 Acq: 30 Mar 2018 23:54

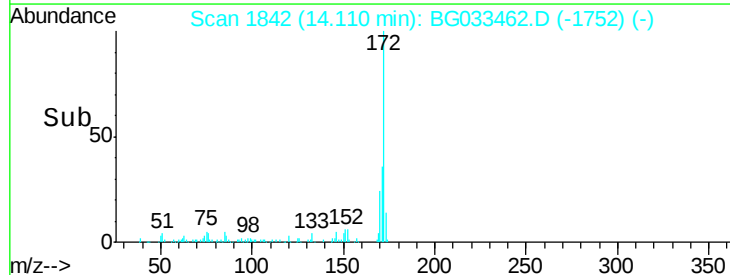
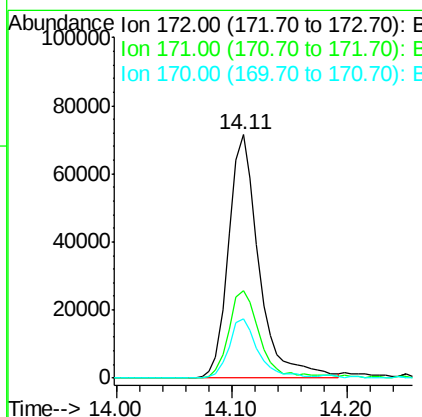
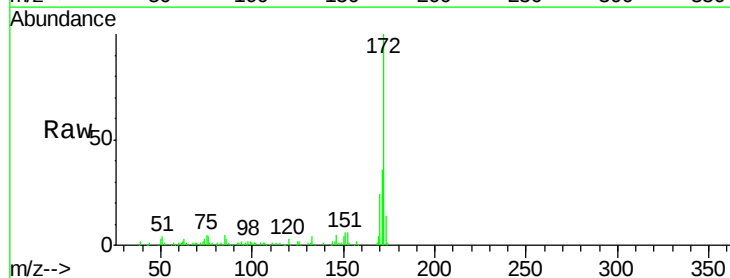
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-032818

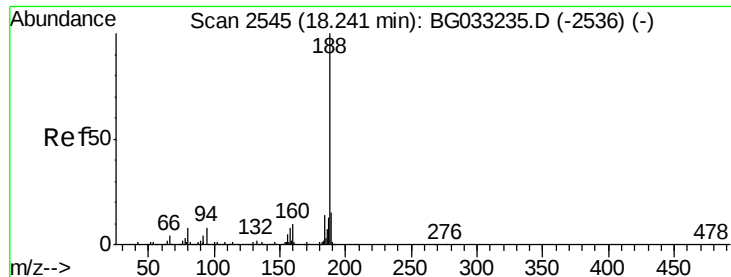
Tot Ion	Ratio	Lower	Upper
330	100		
332	86.1	77.0	115.6
141	33.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 17.942 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033462.D
 Acq: 30 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	24.1	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: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

TR-04-032818

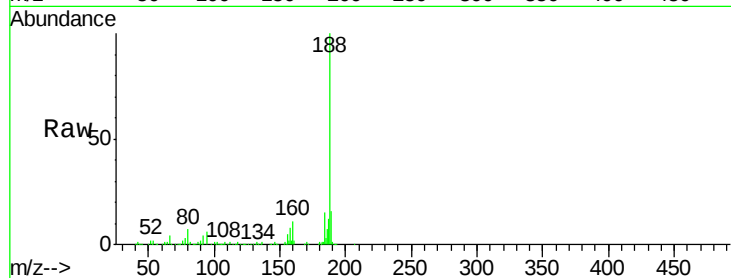
Tot Ion:188 Resp: 318891

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

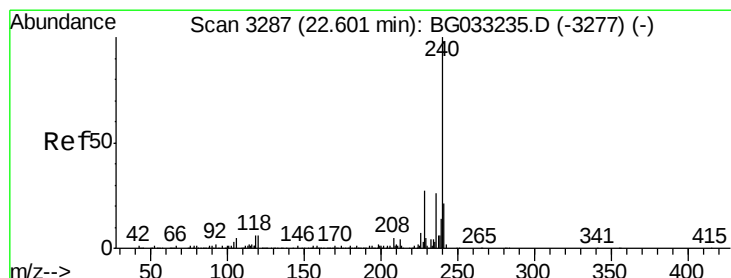
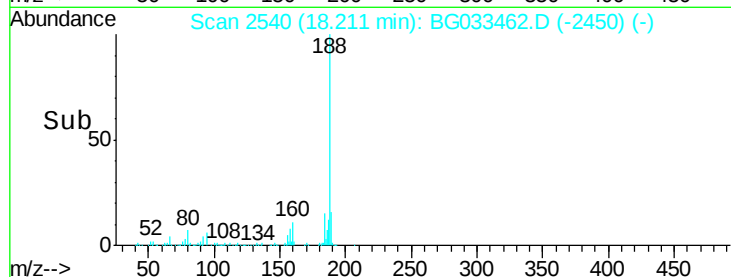
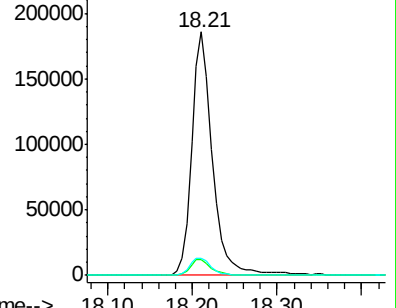
80 7.2 7.7 11.5#



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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

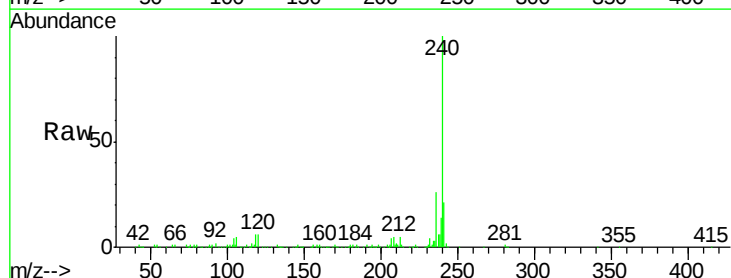
Tgt Ion:240 Resp: 329340

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

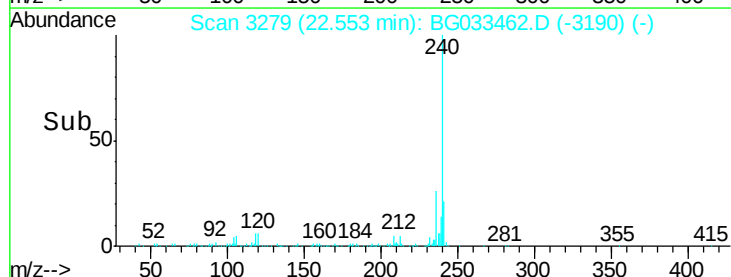
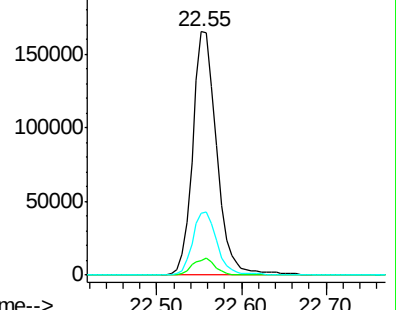
236 25.7 20.9 31.3

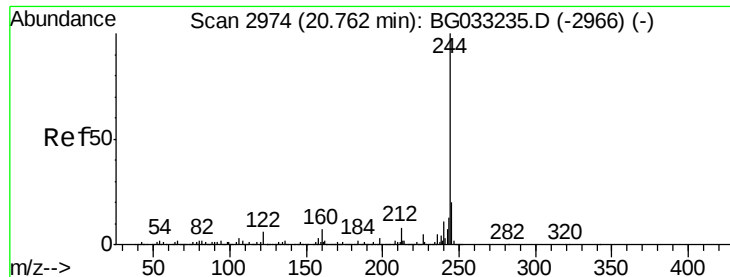


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 21.256 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

TR-04-032818

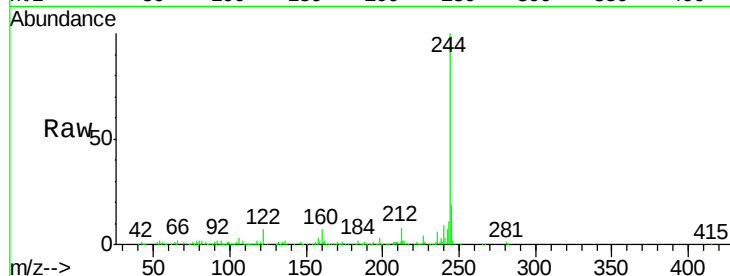
Tot Ion:244 Resp: 327330

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 6.7 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

20.73

250000

200000

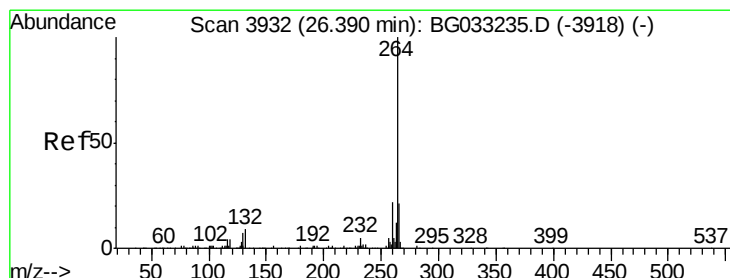
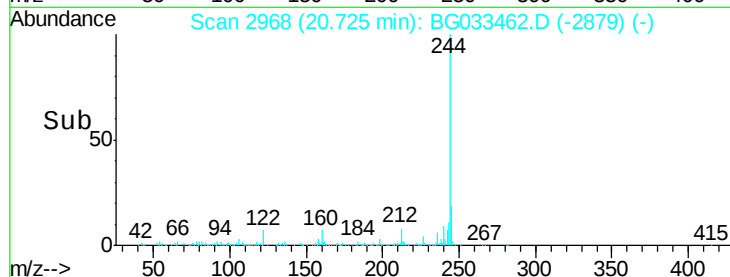
150000

100000

50000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.02 min

Lab File: BG033462.D

Acq: 30 Mar 2018 23:54

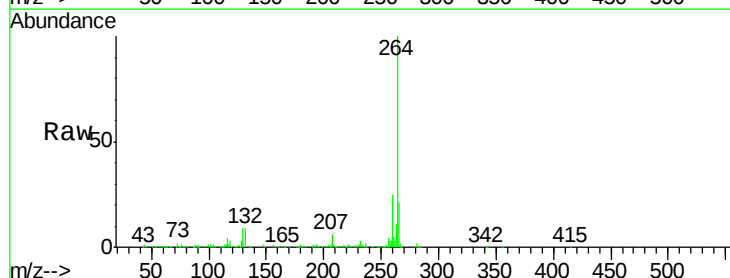
Tgt Ion:264 Resp: 351068

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.1 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

26.32

100000

50000

0

Time-->

