

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033447.D
 Acq On : 30 Mar 2018 10:00
 Operator : SJ/JU
 Sample : J2102-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT25382

Quant Time: Mar 30 11:01:13 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	30687	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	128028	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	98935	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	303139	20.00	ng	0.00
75) Chrysene-d12	22.56	240	317084	20.00	ng	0.00
86) Perylene-d12	26.33	264	321374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	250293	152.94	ng	0.00
7) Phenol-d6	7.98	99	351784	125.11	ng	0.00
23) Nitrobenzene-d5	10.07	82	277715	99.66	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	244904	165.51	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	699617	102.09	ng	0.00
78) Terphenyl-d14	20.73	244	1558869	105.14	ng	0.00

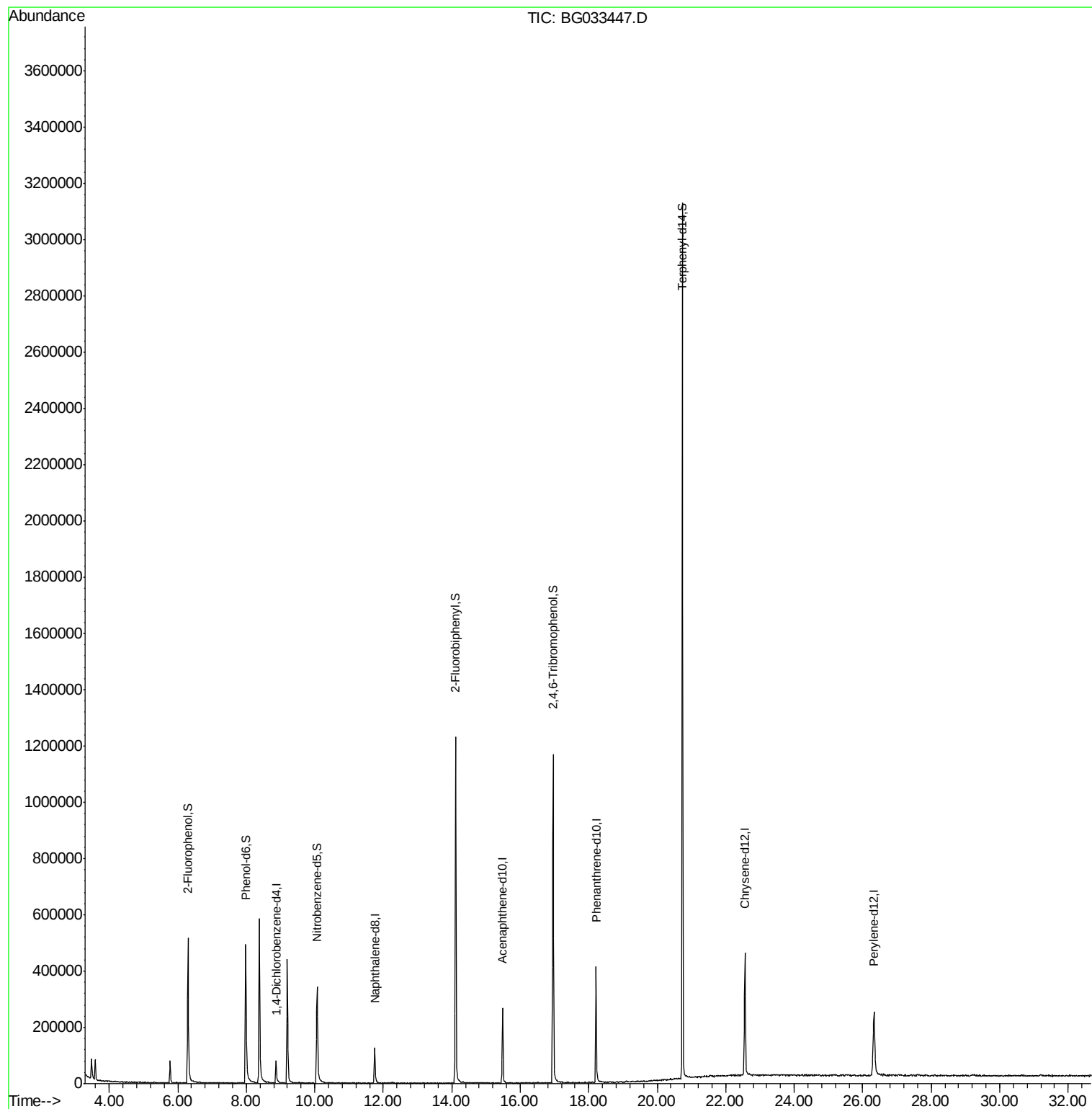
Target Compounds Qvalue

(#) = 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: BG033447.D

Acq: 30 Mar 2018 10:00

Instrument :

BNA_G

ClientSampleId :

CHRT25382

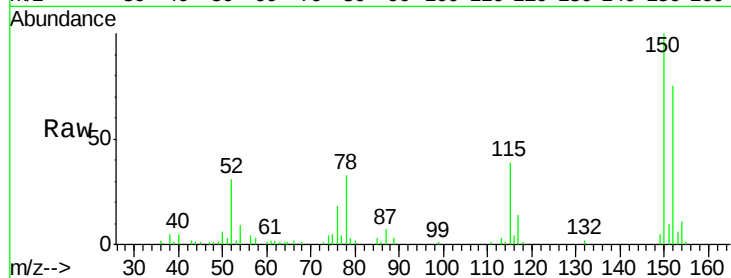
Tot Ion:152 Resp: 30687

Ion Ratio Lower Upper

152 100

150 133.8 126.6 189.8

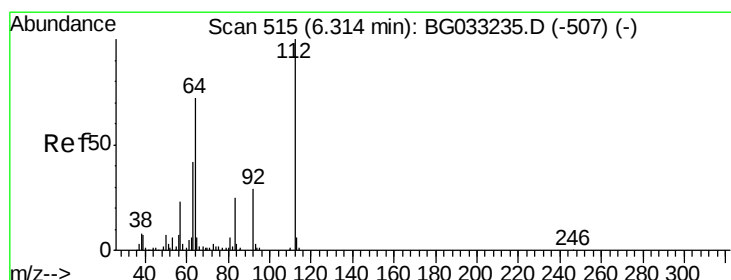
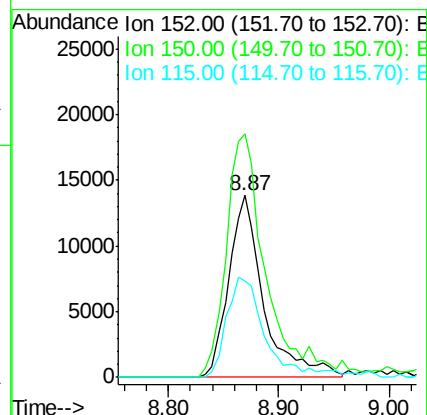
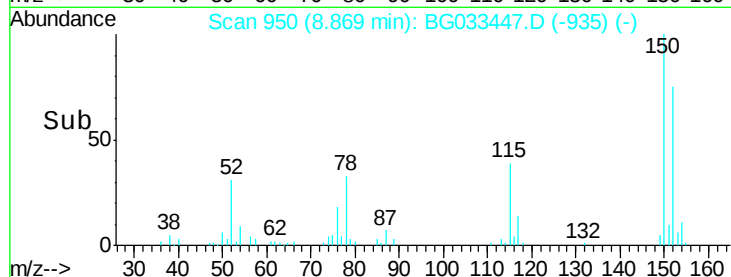
115 52.8 53.0 79.4#



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: 152.941 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033447.D

Acq: 30 Mar 2018 10:00

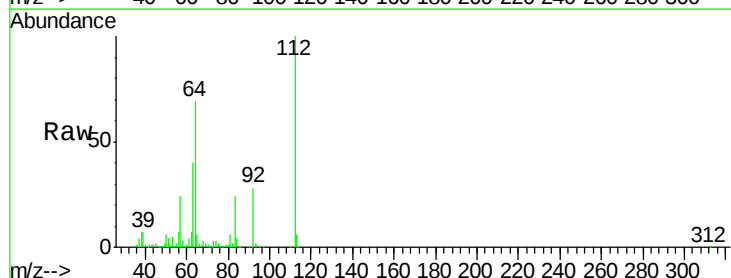
Tgt Ion:112 Resp: 250293

Ion Ratio Lower Upper

112 100

64 69.2 56.3 84.5

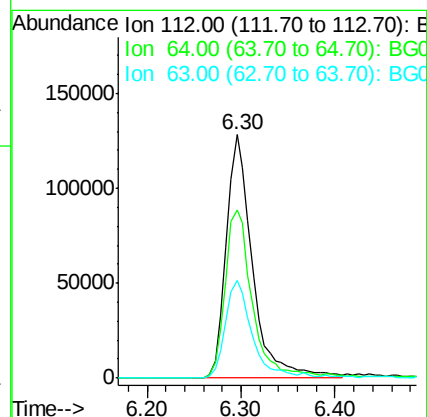
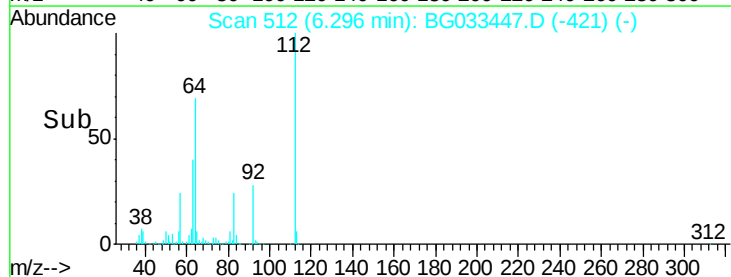
63 40.3 30.1 45.1

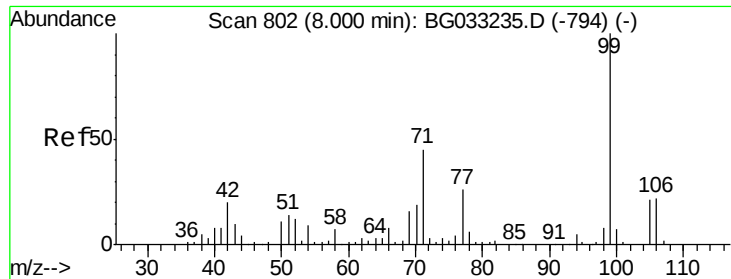


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.105 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033447.D

Acq: 30 Mar 2018 10:00

Instrument :

BNA_G

ClientSampleId :

CHRT25382

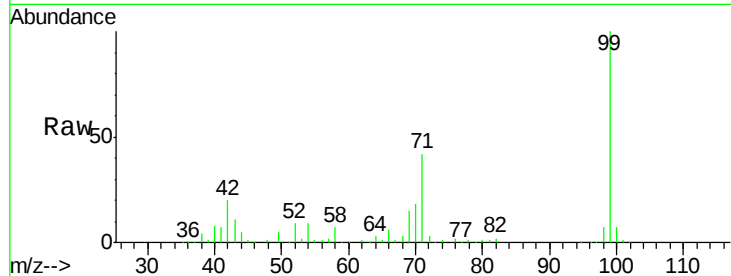
Tot Ion: 99 Resp: 351784

Ion Ratio Lower Upper

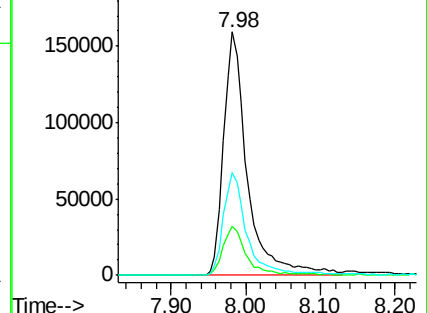
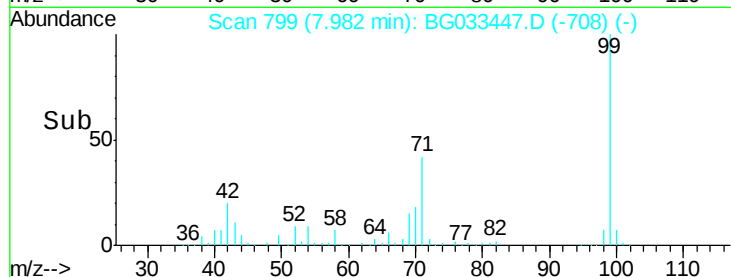
99 100

42 20.4 14.1 21.1

71 42.0 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: BG033447.D

Acq: 30 Mar 2018 10:00

Tgt Ion: 136 Resp: 128028

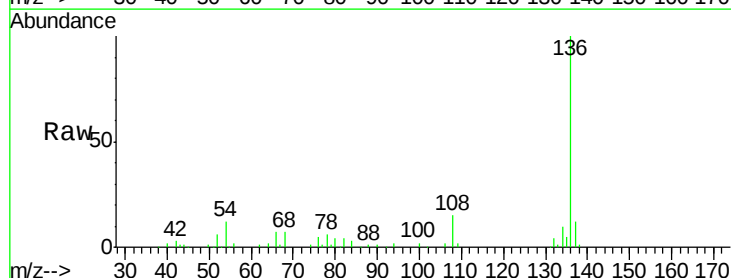
Ion Ratio Lower Upper

136 100

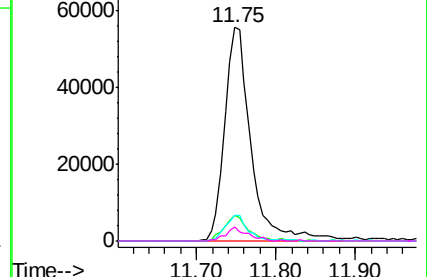
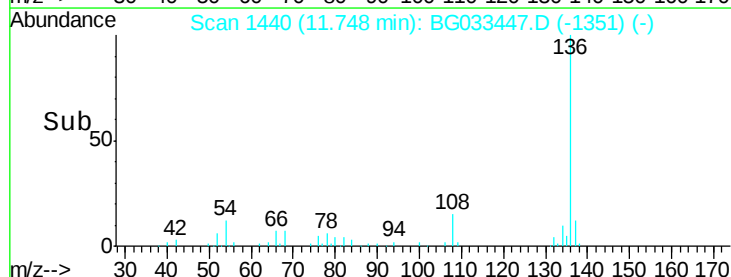
137 11.9 9.2 13.8

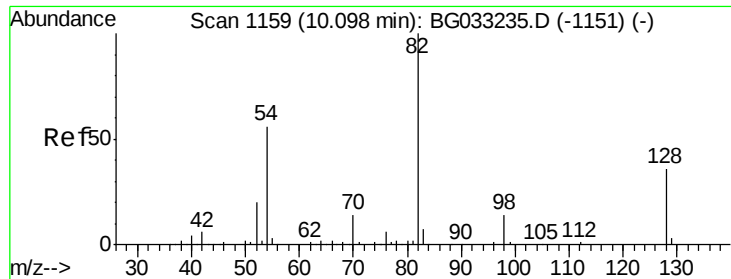
54 12.5 10.3 15.5

68 6.5 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

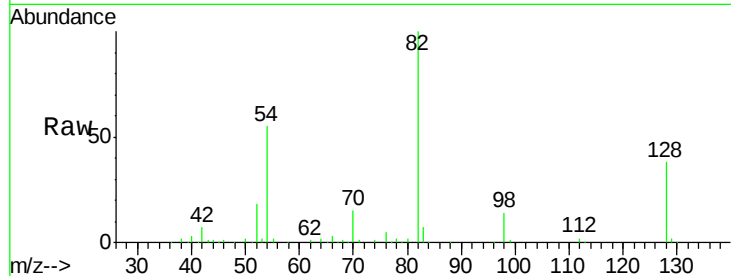




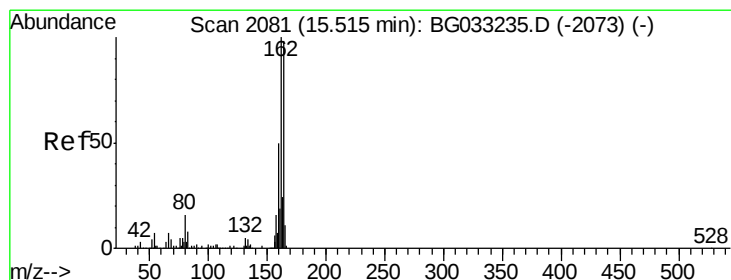
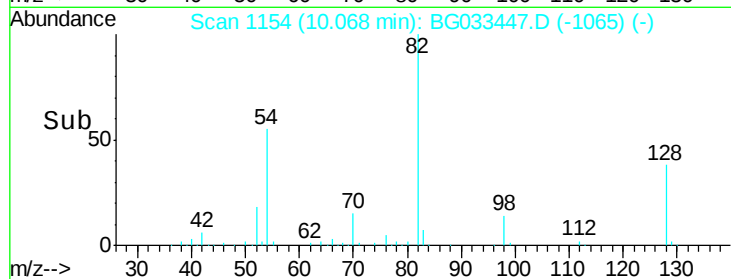
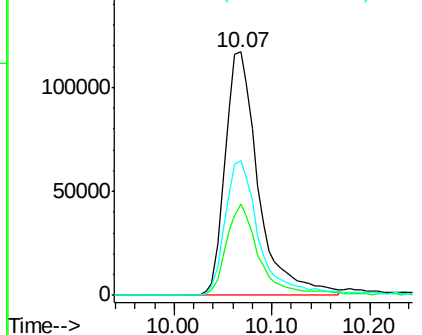
#23
Nitrobenzene-d5
Concen: 99.661 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033447.D
Acq: 30 Mar 2018 10:00

Instrument :
BNA_G
ClientSampleId :
CHRT25382

Tot Ion	82	Resp	277715
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.7	44.5
54	55.1	43.1	64.7

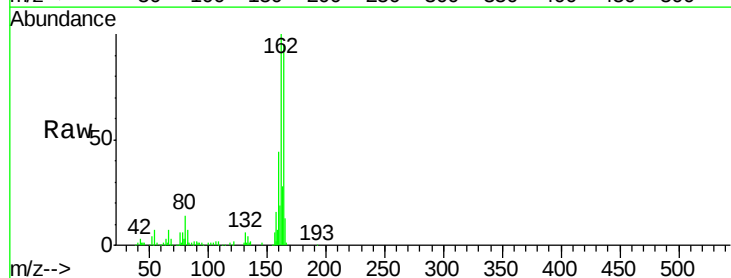


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

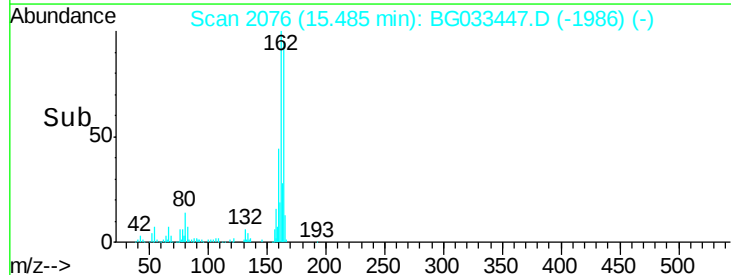
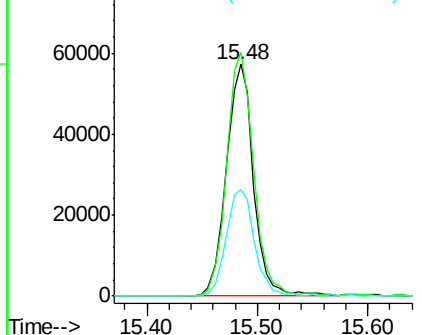


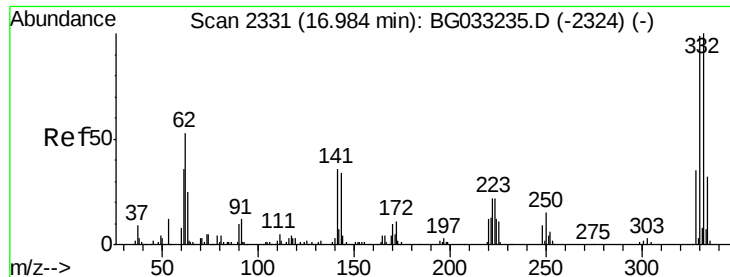
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033447.D
Acq: 30 Mar 2018 10:00

Tgt Ion	164	Resp	98935
Ion Ratio	Lower	Upper	
164	100		
162	105.1	78.8	118.2
160	46.3	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

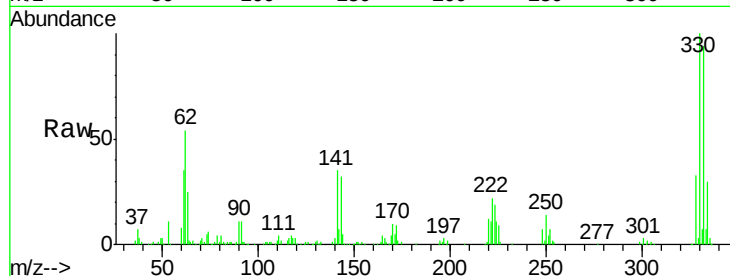




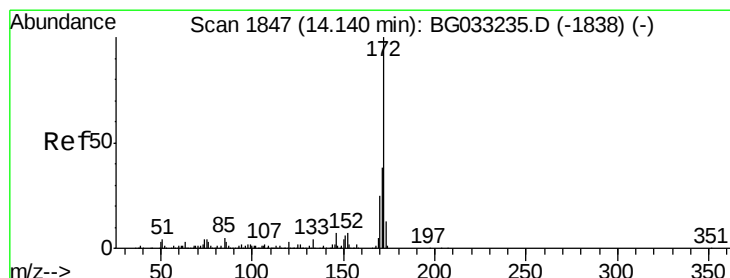
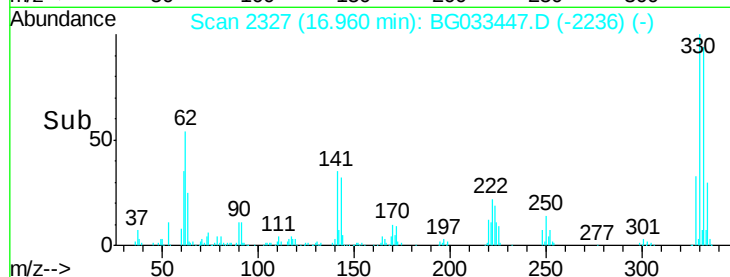
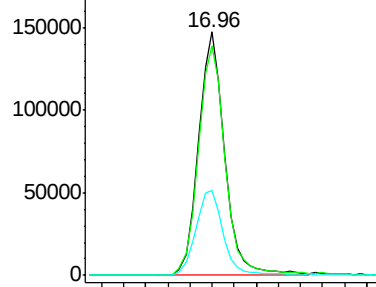
#41
 2,4,6-Tribromophenol
 Concen: 165.511 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033447.D
 Acq: 30 Mar 2018 10:00

Instrument :
 BNA_G
 ClientSampleId :
 CHRT25382

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.7	25.2	37.8

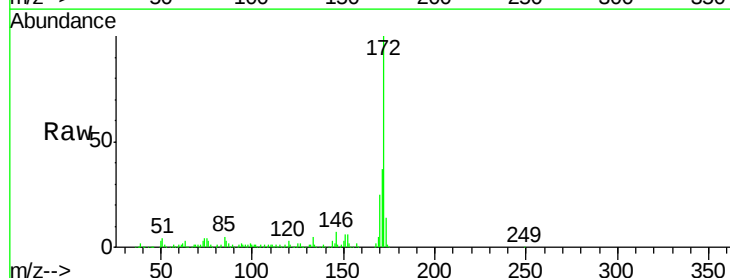


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

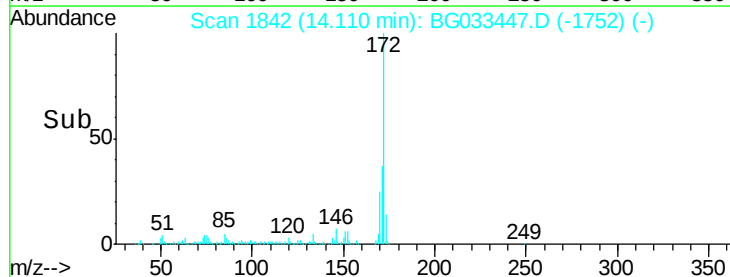
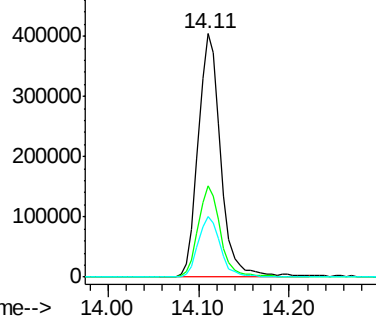


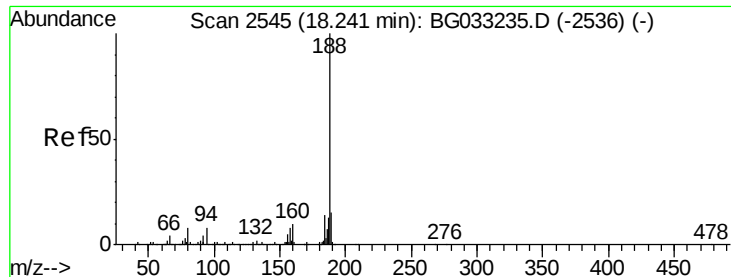
#44
 2-Fluorobiphenyl
 Concen: 102.086 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033447.D
 Acq: 30 Mar 2018 10:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

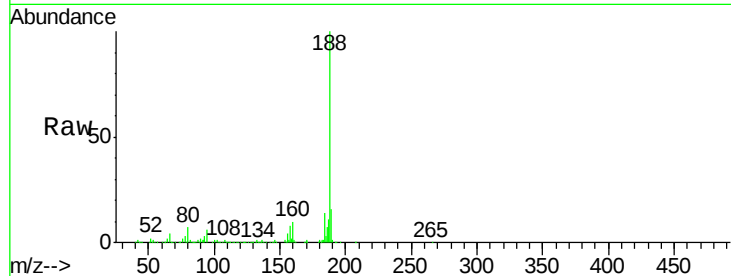




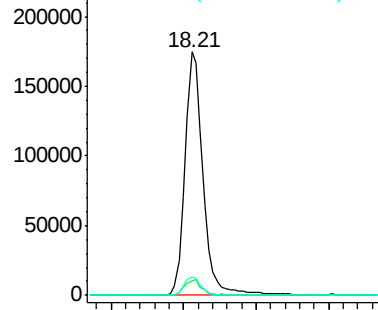
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033447.D
Acq: 30 Mar 2018 10:00

Instrument :
BNA_G
ClientSampleId :
CHRT25382

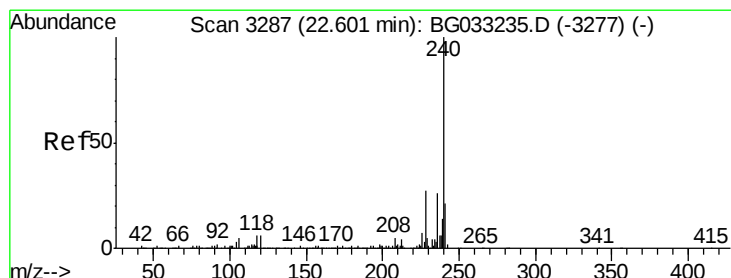
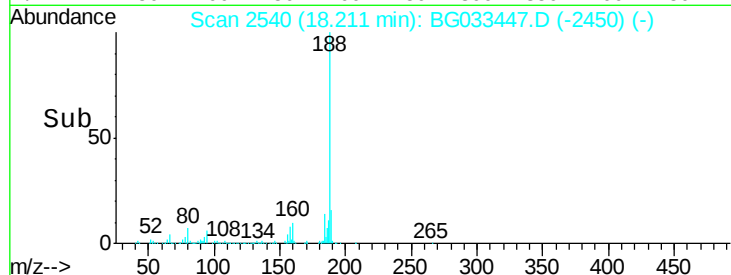
Tot Ion:188 Resp: 303139
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 7.4 7.7 11.5#



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

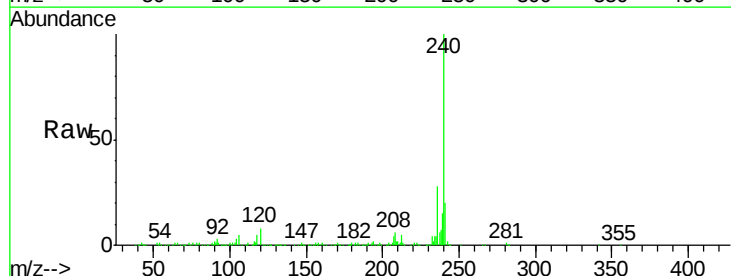


Time-->

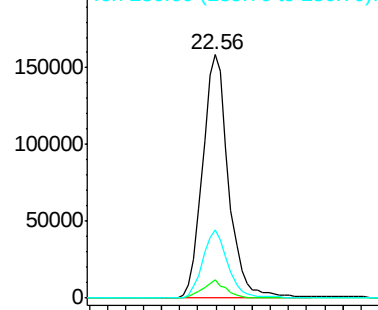


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033447.D
Acq: 30 Mar 2018 10:00

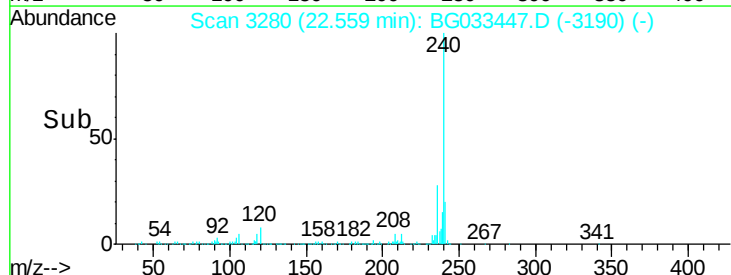
Tgt Ion:240 Resp: 317084
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 28.2 20.9 31.3

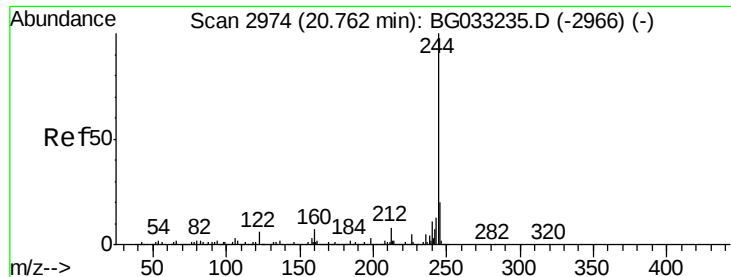


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 105.140 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033447.D

Acq: 30 Mar 2018 10:00

Instrument :

BNA_G

ClientSampleId :

CHRT25382

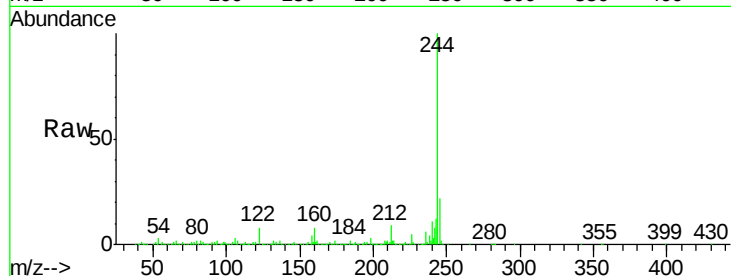
Tot Ion:244 Resp: 1558869

Ion Ratio Lower Upper

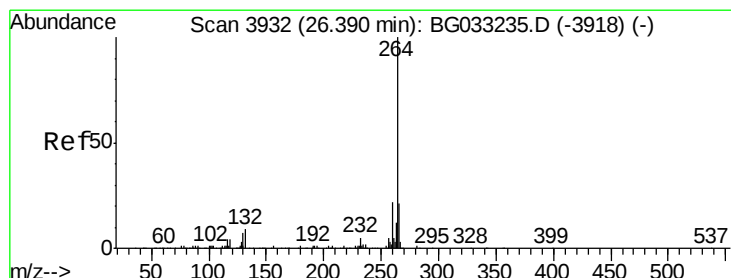
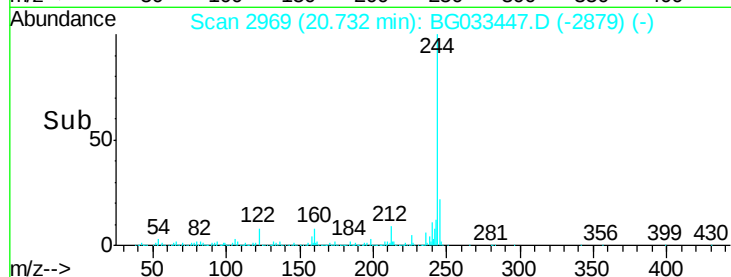
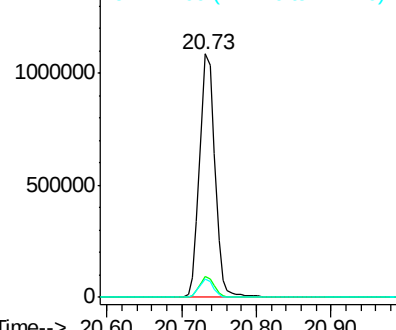
244 100

212 8.8 5.8 8.8#

122 7.7 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033447.D

Acq: 30 Mar 2018 10:00

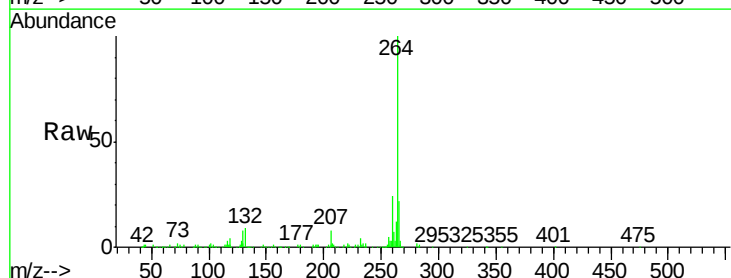
Tgt Ion:264 Resp: 321374

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.5 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

