

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033475.D
 Acq On : 31 Mar 2018 9:21
 Operator : SJ/JU
 Sample : J2146-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CS

Quant Time: Apr 02 02:11:05 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	28574	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130461	20.00	ng	-0.02
38) Acenaphthene-d10	15.48	164	106100	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314523	20.00	ng	0.00
75) Chrysene-d12	22.55	240	333455	20.00	ng	0.00
86) Perylene-d12	26.33	264	348553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	279683	183.54	ng	0.00
7) Phenol-d6	7.98	99	395688	151.12	ng	0.00
23) Nitrobenzene-d5	10.06	82	303957	107.04	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	263900	166.30	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	768912	104.62	ng	0.00
78) Terphenyl-d14	20.73	244	1602795	102.79	ng	0.00

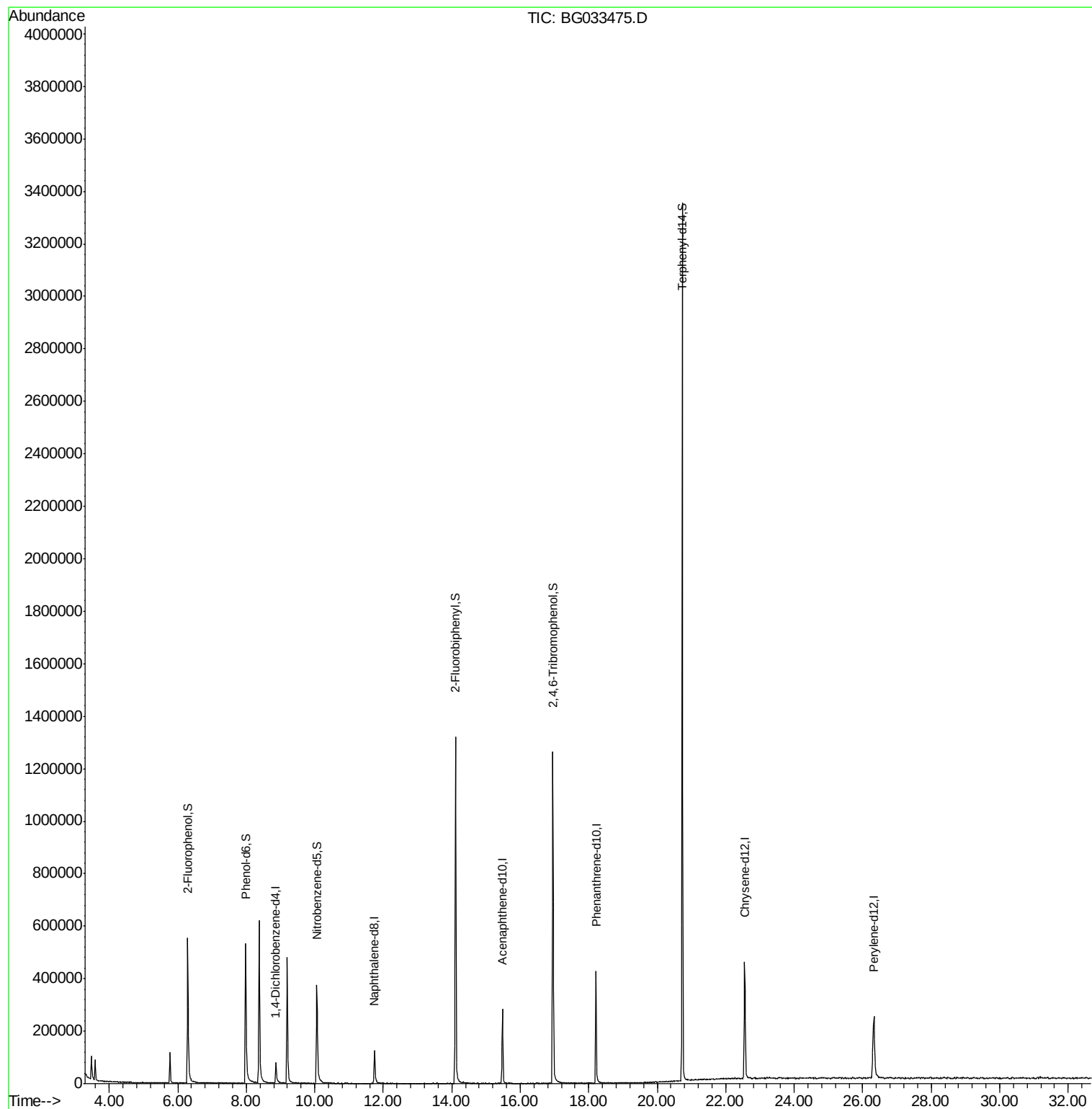
Target Compounds Qvalue

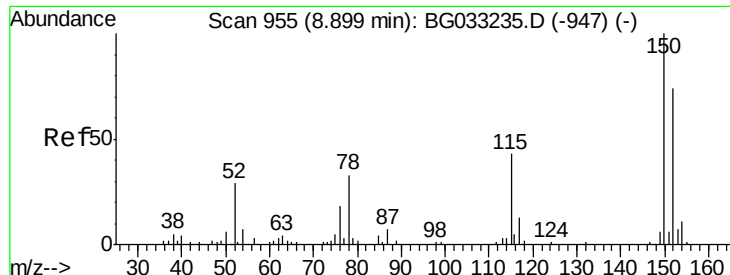
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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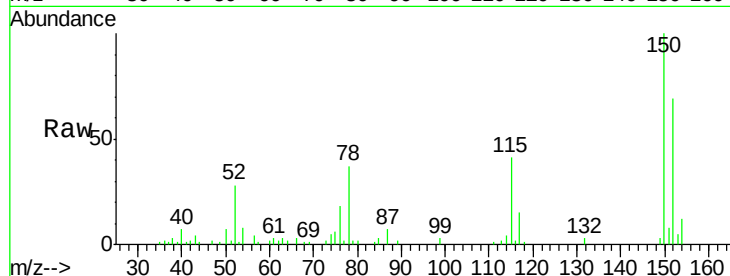


#1

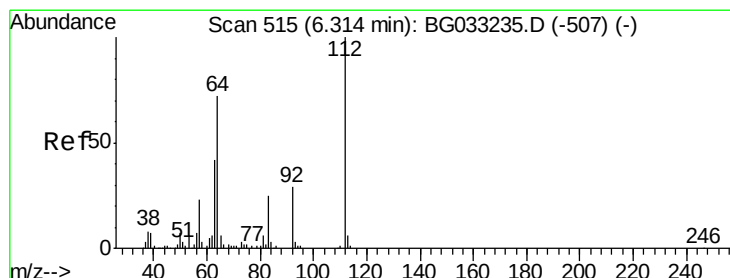
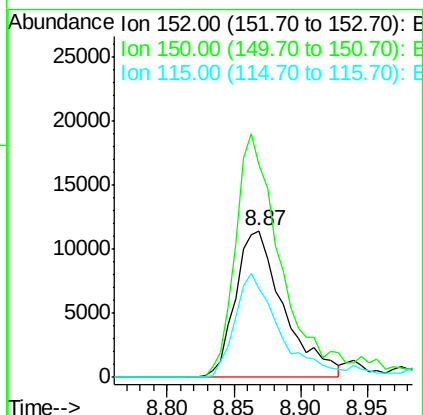
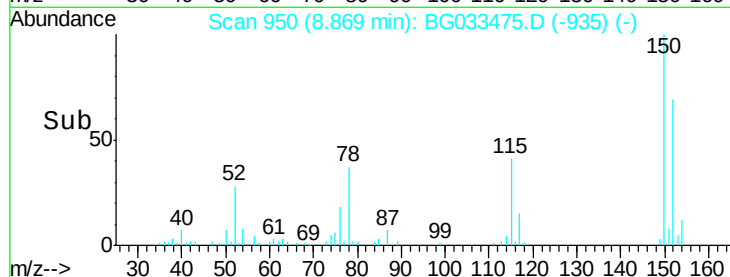
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033475.D
Acq: 31 Mar 2018 9:21

Instrument :
BNA_G
ClientSampled :
TP-CS

Tot Ion:152 Resp: 28574
Ion Ratio Lower Upper
152 100
150 144.9 126.6 189.8
115 60.0 53.0 79.4



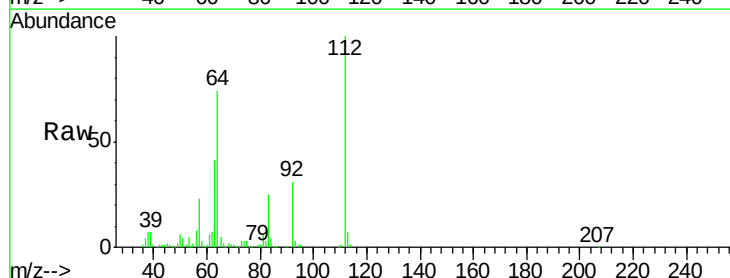
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



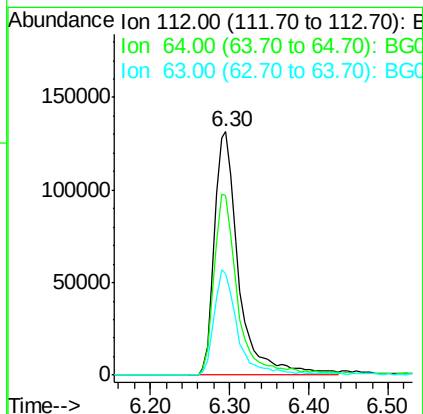
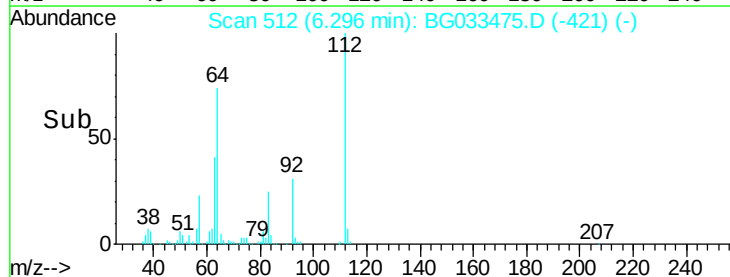
#5

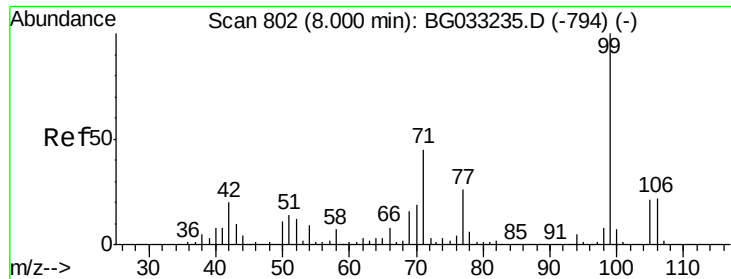
2-Fluorophenol
Concen: 183.537 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033475.D
Acq: 31 Mar 2018 9:21

Tgt Ion:112 Resp: 279683
Ion Ratio Lower Upper
112 100
64 73.9 56.3 84.5
63 41.4 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: 151.125 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033475.D

Acq: 31 Mar 2018 9:21

Instrument :

BNA_G

ClientSampleId :

TP-CS

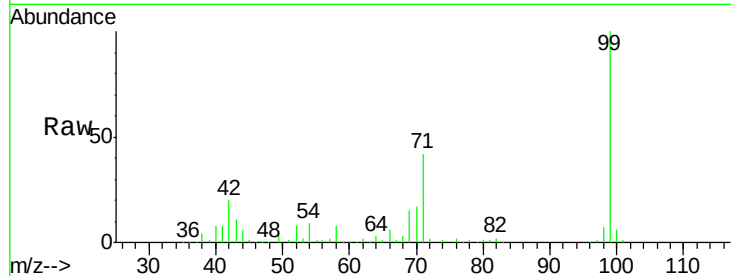
Tot Ion: 99 Resp: 395688

Ion Ratio Lower Upper

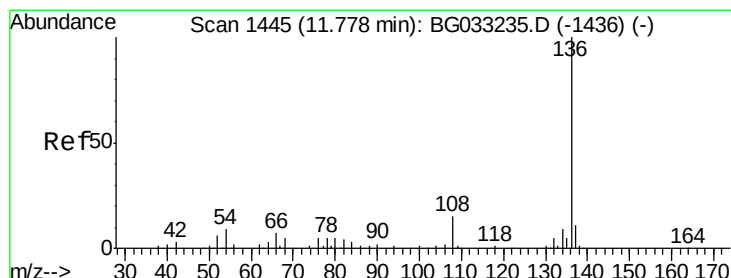
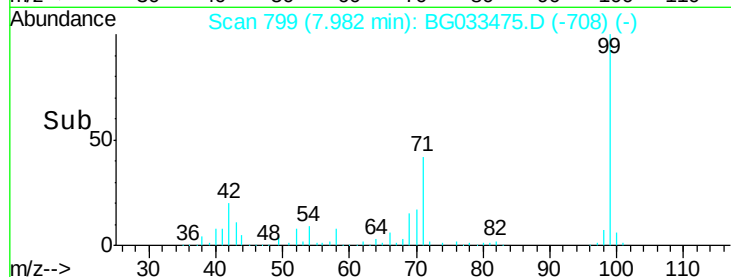
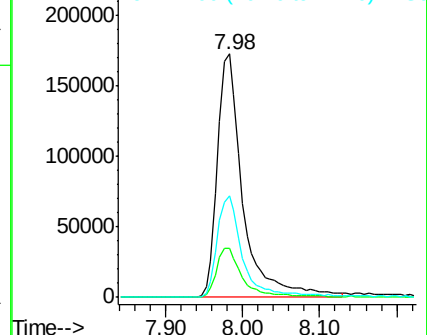
99 100

42 20.3 14.1 21.1

71 41.8 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: 11.74 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BG033475.D

Acq: 31 Mar 2018 9:21

Tgt Ion: 136 Resp: 130461

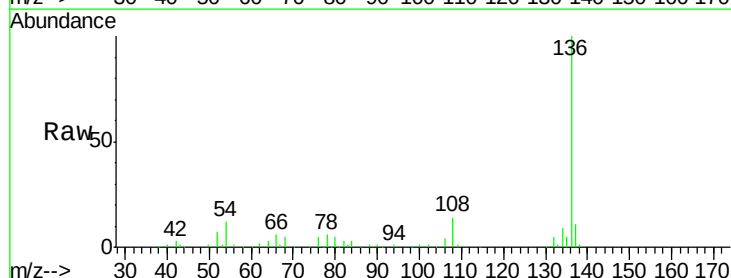
Ion Ratio Lower Upper

136 100

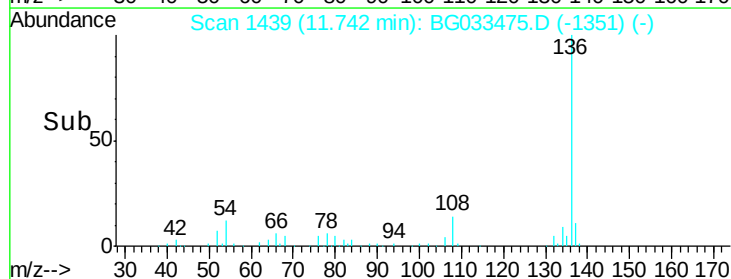
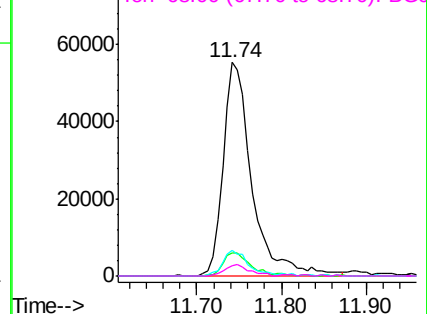
137 10.9 9.2 13.8

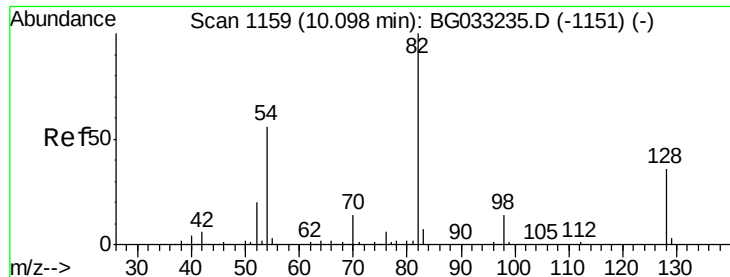
54 11.9 10.3 15.5

68 4.9 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

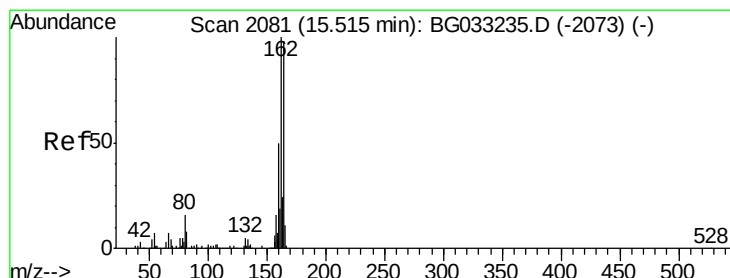
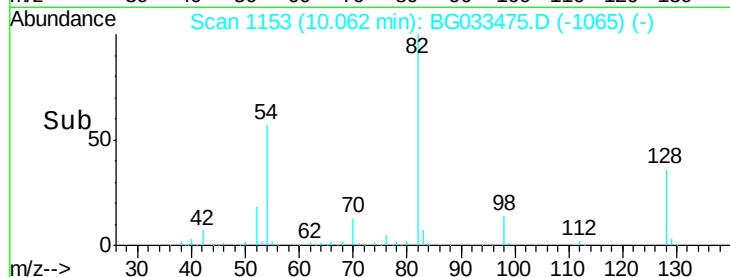
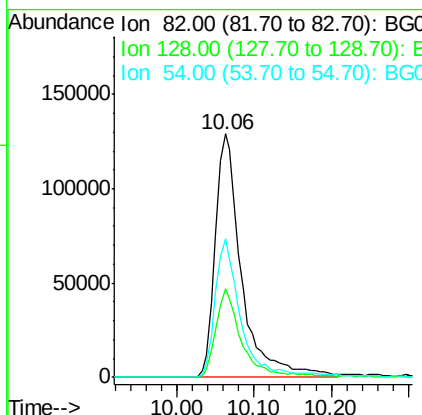
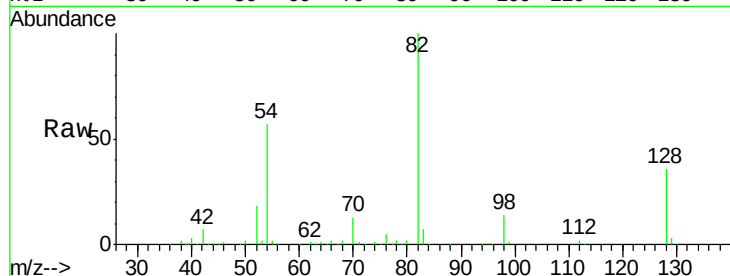




#23
 Nitrobenzene-d5
 Concen: 107.044 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033475.D
 Acq: 31 Mar 2018 9:21

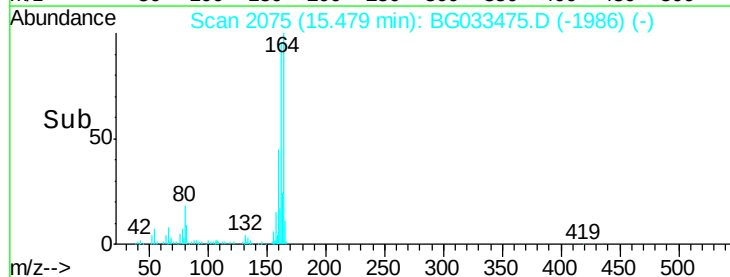
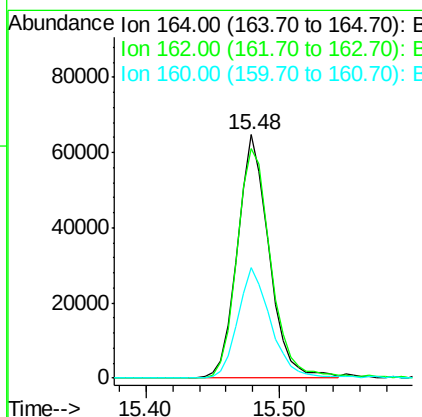
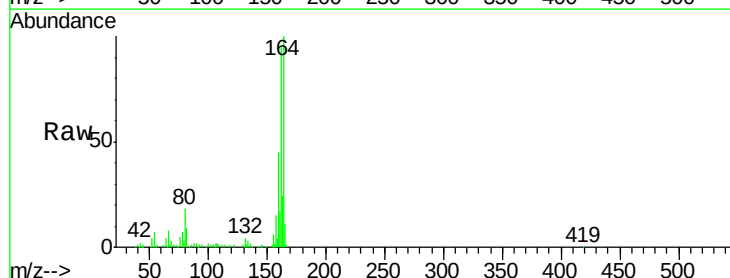
Instrument :
 BNA_G
 ClientSampleId :
 TP-CS

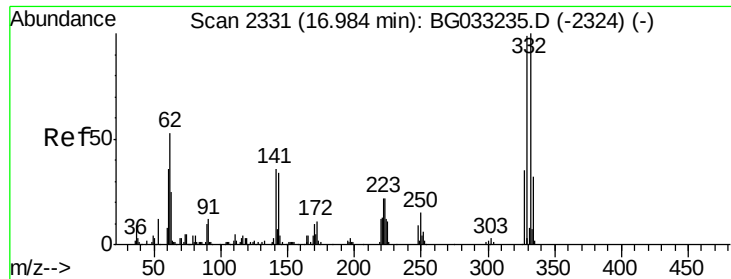
Tot Ion	82	Resp	303957
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.7	44.5
54	56.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033475.D
 Acq: 31 Mar 2018 9:21

Tgt Ion	164	Resp	106100
Ion Ratio	Lower	Upper	
164	100		
162	94.5	78.8	118.2
160	45.2	35.4	53.0

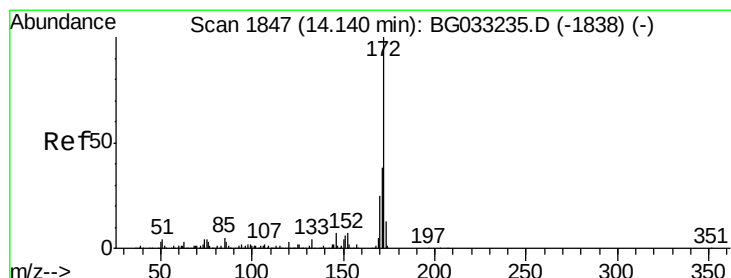
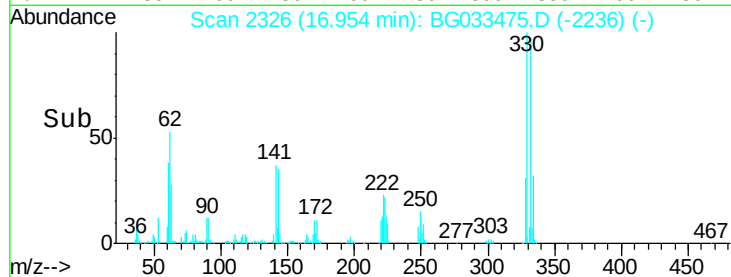
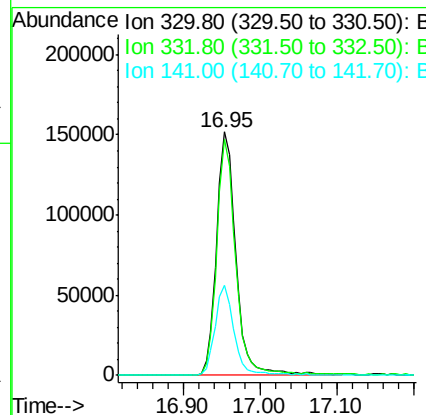
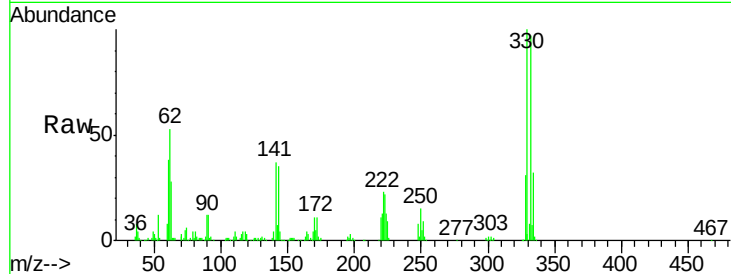




#41
 2,4,6-Tribromophenol
 Concen: 166.304 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033475.D
 Acq: 31 Mar 2018 9:21

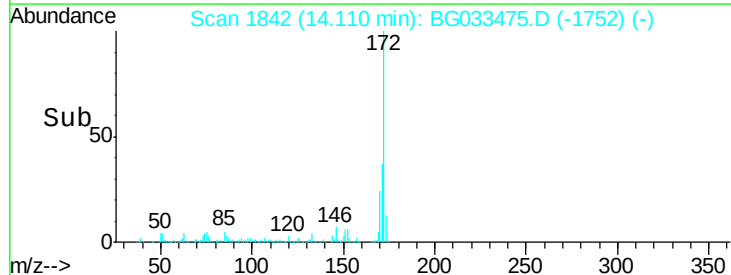
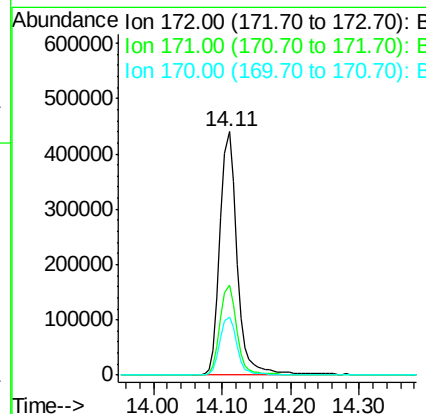
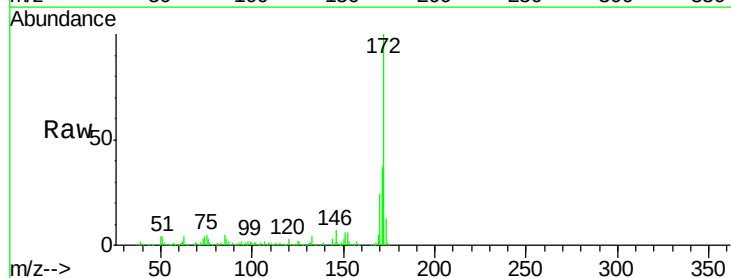
Instrument :
 BNA_G
 ClientSampleId :
 TP-CS

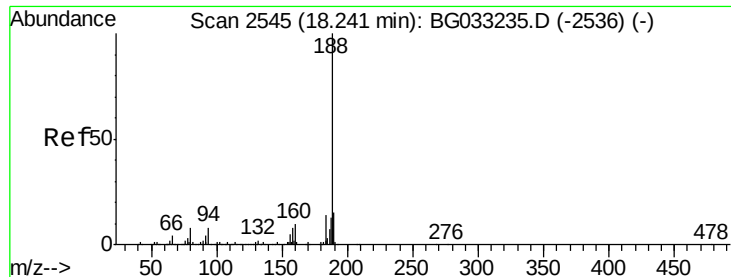
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	35.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 104.621 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033475.D
 Acq: 31 Mar 2018 9:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.0	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: BG033475.D

Acq: 31 Mar 2018 9:21

Instrument :

BNA_G

ClientSampleId :

TP-CS

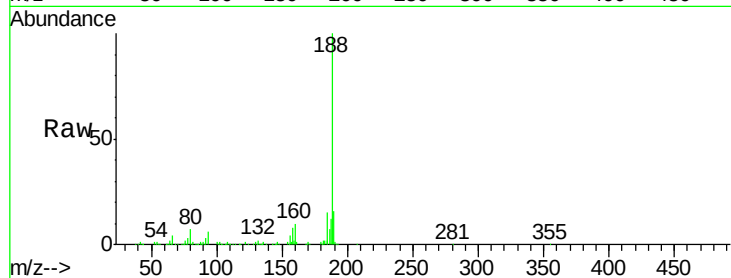
Tot Ion:188 Resp: 314523

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

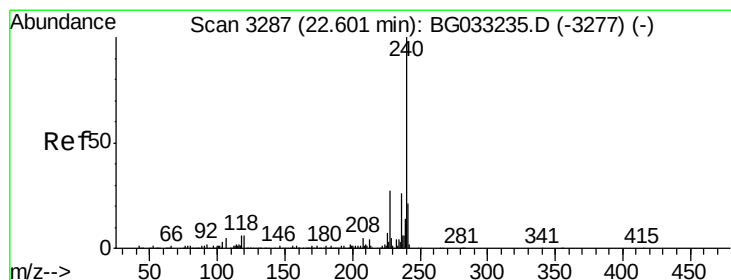
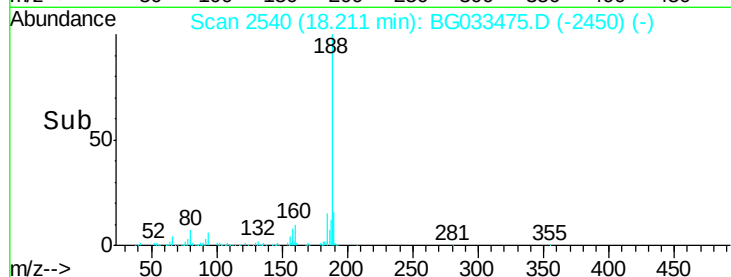
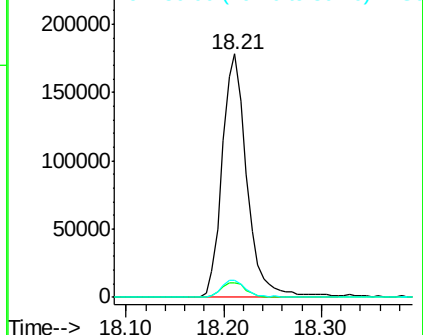
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033475.D

Acq: 31 Mar 2018 9:21

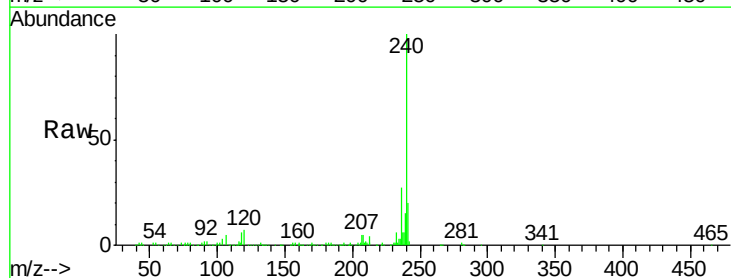
Tgt Ion:240 Resp: 333455

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

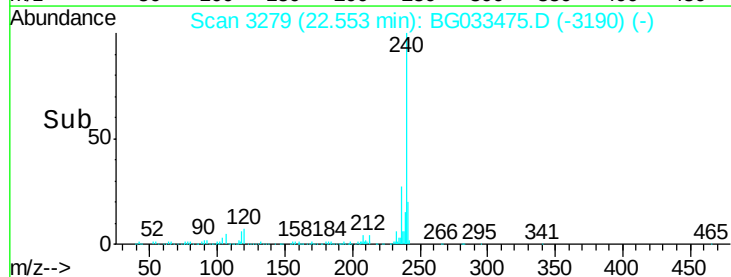
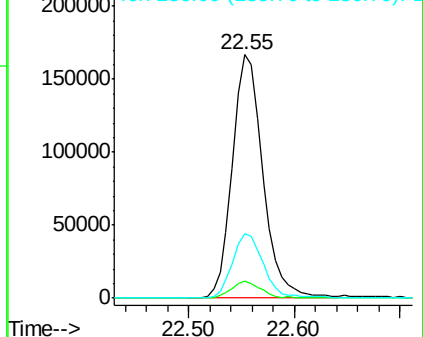
236 26.5 20.9 31.3

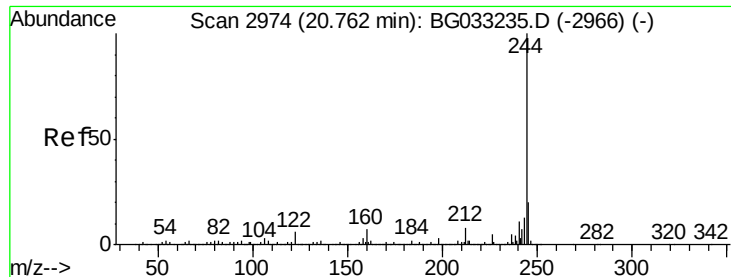


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.795 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033475.D

Acq: 31 Mar 2018 9:21

Instrument :

BNA_G

ClientSampleId :

TP-CS

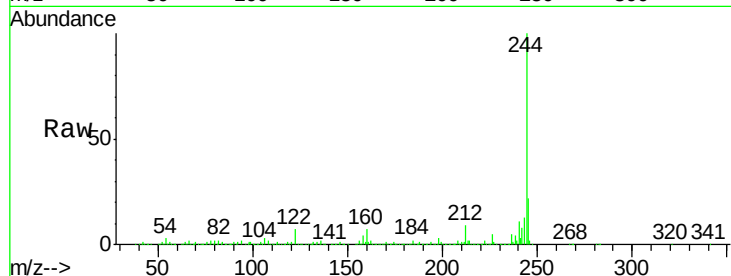
Tot Ion:244 Resp: 1602795

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

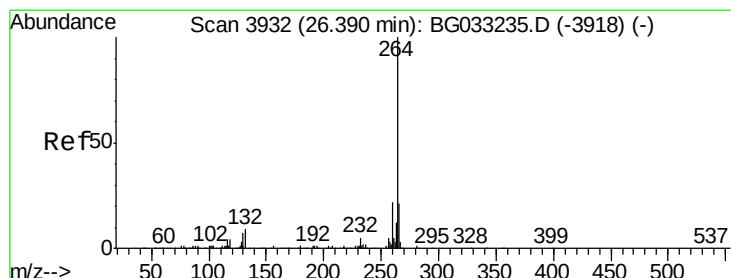
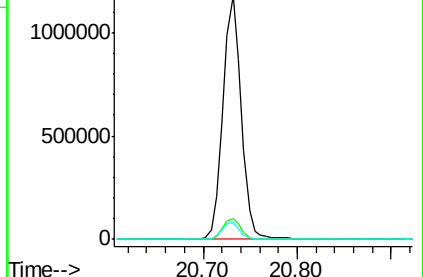
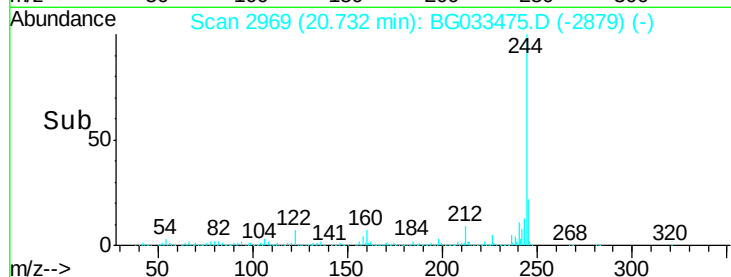
122 7.2 7.0 10.4



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: BG033475.D

Acq: 31 Mar 2018 9:21

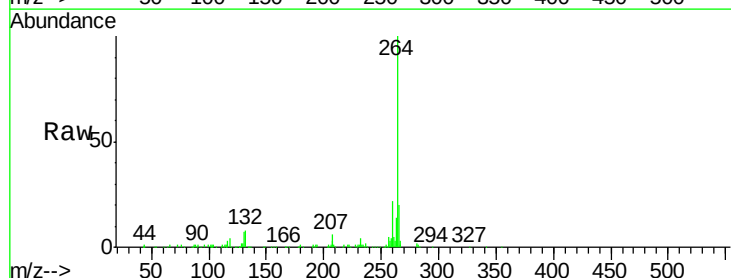
Tgt Ion:264 Resp: 348553

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.4 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

