

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033436.D
 Acq On : 30 Mar 2018 1:13
 Operator : SJ/JU
 Sample : J2096-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-T2

Quant Time: Mar 30 08:13:38 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	31879	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	135262	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108004	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319958	20.00	ng	0.00
75) Chrysene-d12	22.56	240	337362	20.00	ng	0.00
86) Perylene-d12	26.33	264	365607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	268023	157.65	ng	0.00
7) Phenol-d6	7.98	99	375258	128.46	ng	0.00
23) Nitrobenzene-d5	10.07	82	289584	98.36	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	283148	175.29	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	757386	101.24	ng	0.00
78) Terphenyl-d14	20.74	244	1607132	101.88	ng	0.00

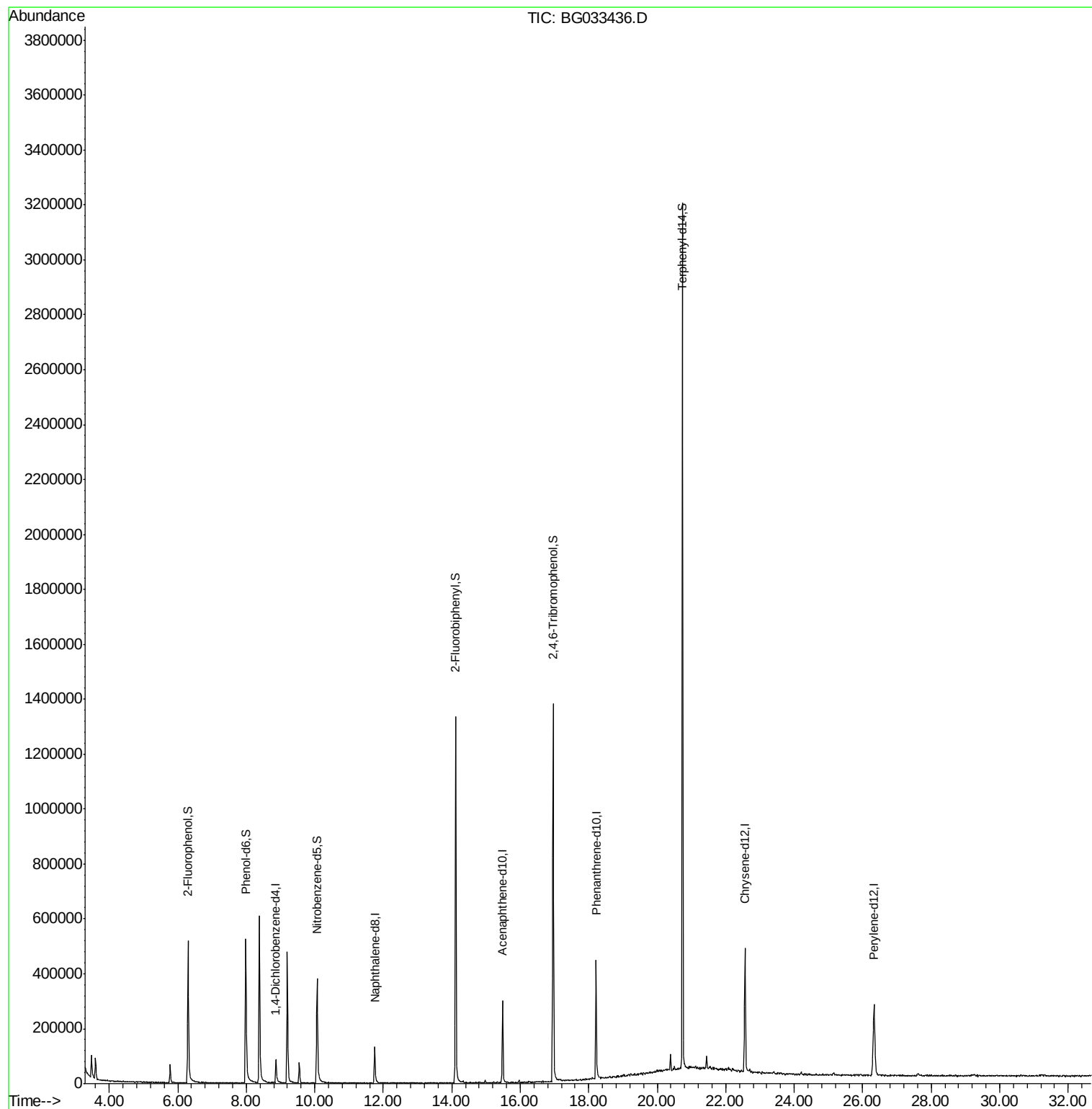
Target Compounds Qvalue

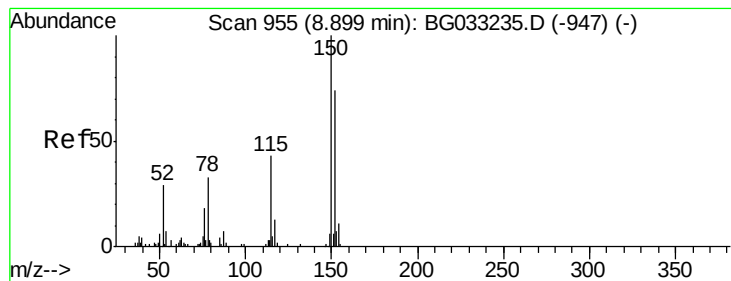
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG033436.D

Acq: 30 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CS-T2

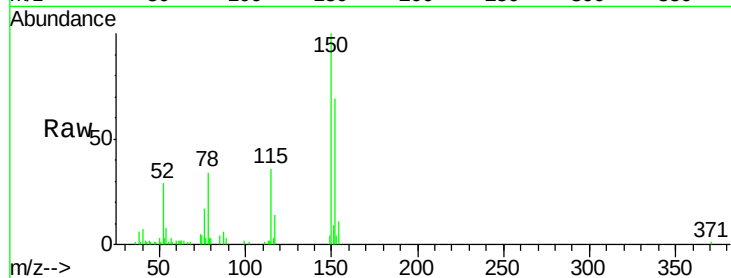
Tot Ion:152 Resp: 31879

Ion Ratio Lower Upper

152 100

150 145.3 126.6 189.8

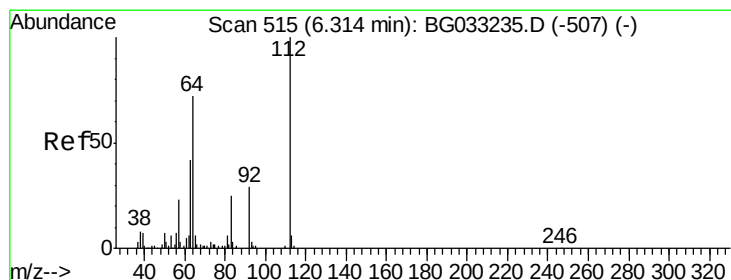
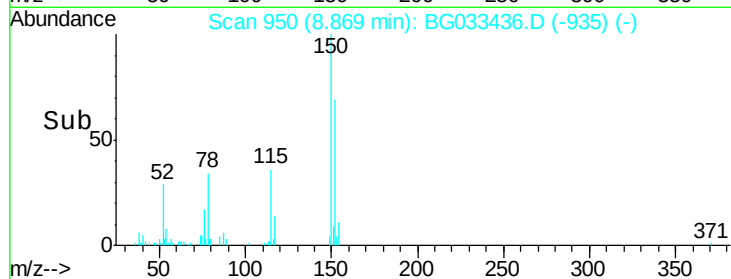
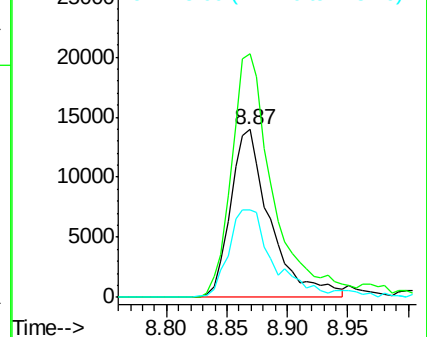
115 51.9 53.0 79.4#



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: 157.651 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033436.D

Acq: 30 Mar 2018 1:13

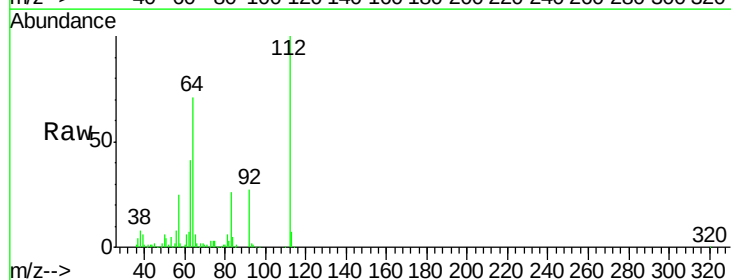
Tgt Ion:112 Resp: 268023

Ion Ratio Lower Upper

112 100

64 70.7 56.3 84.5

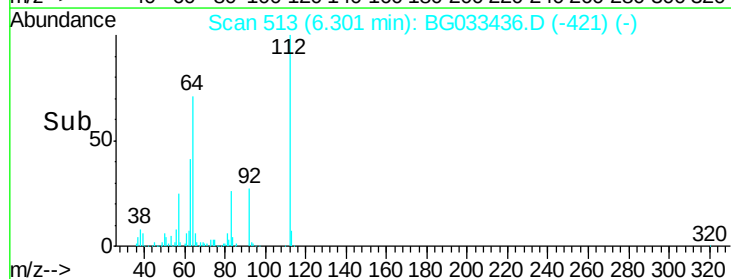
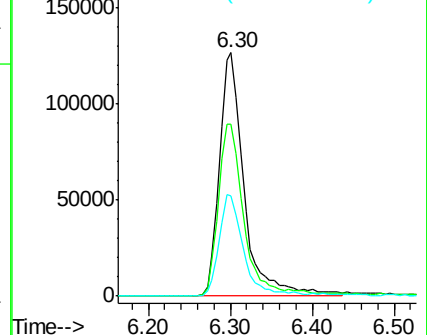
63 41.0 30.1 45.1

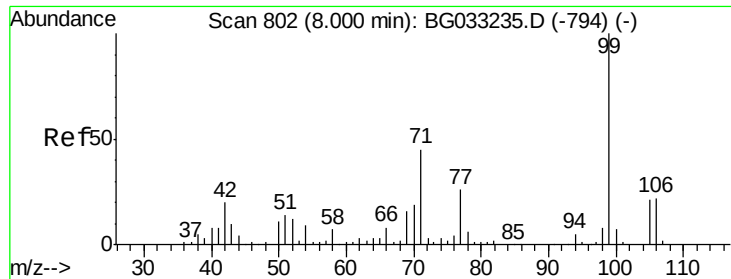


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.463 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033436.D

Acq: 30 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CS-T2

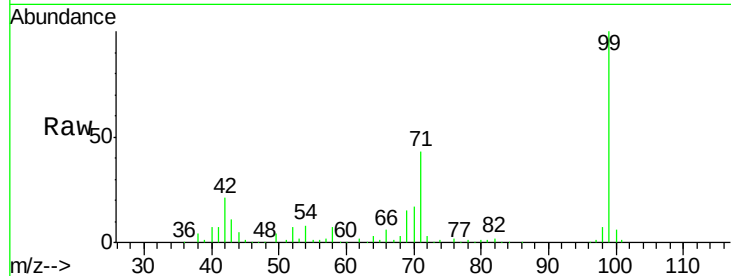
Tot Ion: 99 Resp: 375258

Ion Ratio Lower Upper

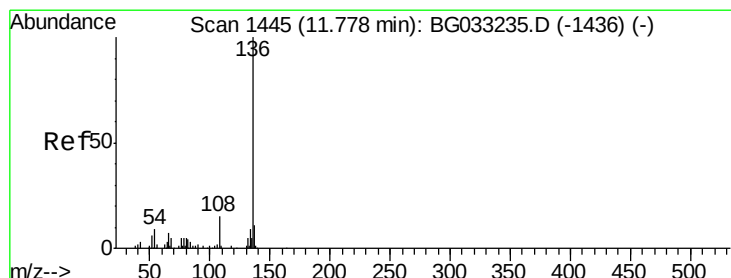
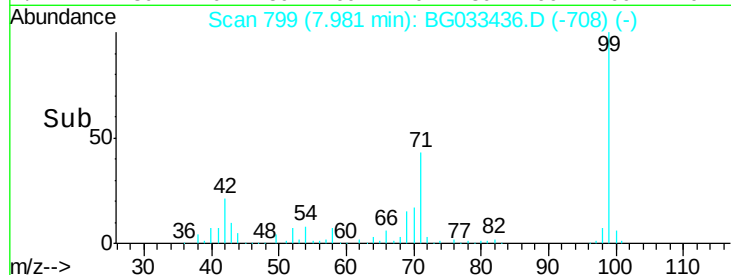
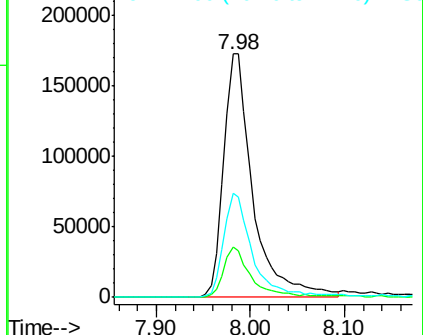
99 100

42 20.6 14.1 21.1

71 42.9 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: 11.75 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BG033436.D

Acq: 30 Mar 2018 1:13

Tgt Ion:136 Resp: 135262

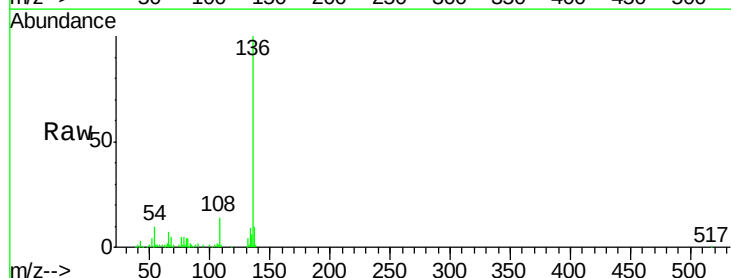
Ion Ratio Lower Upper

136 100

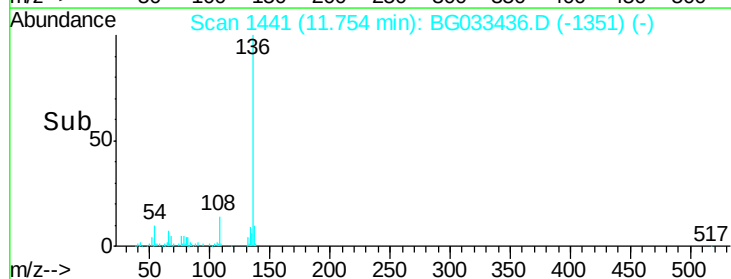
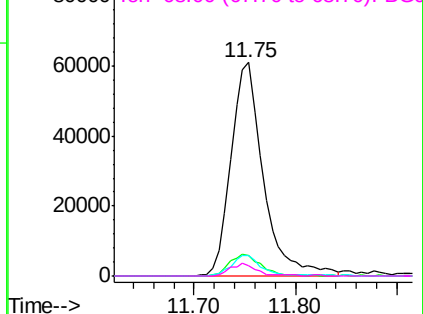
137 9.7 9.2 13.8

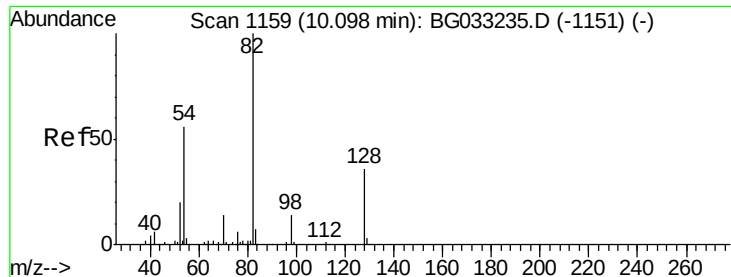
54 9.6 10.3 15.5#

68 4.7 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

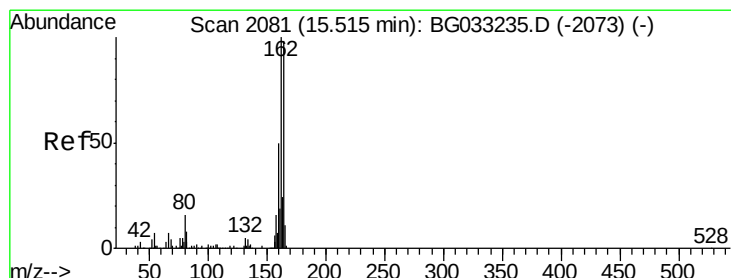
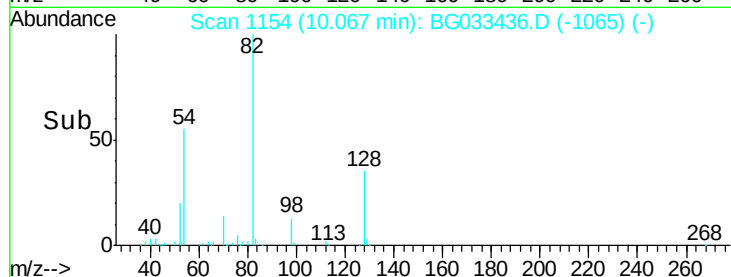
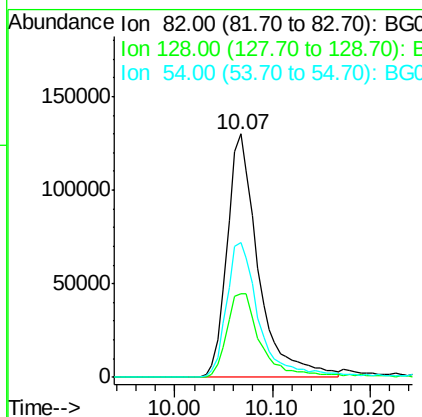
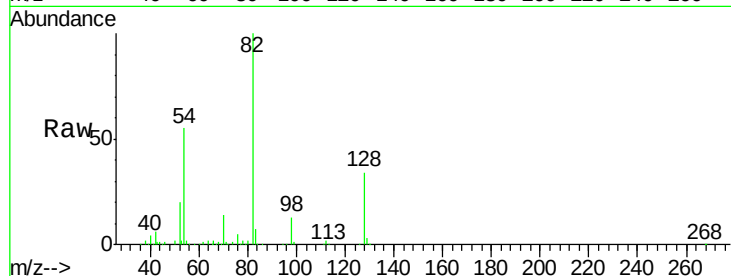




#23
 Nitrobenzene-d5
 Concen: 98.362 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033436.D
 Acq: 30 Mar 2018 1:13

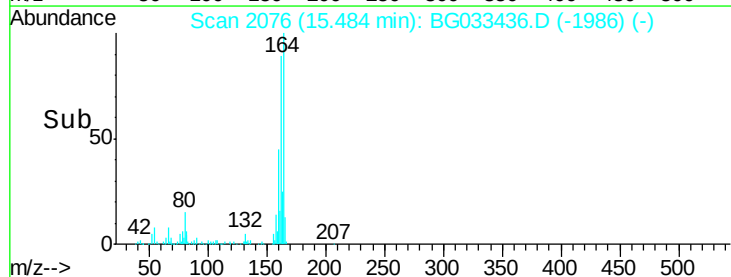
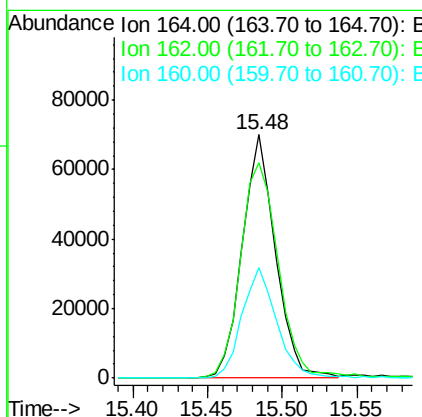
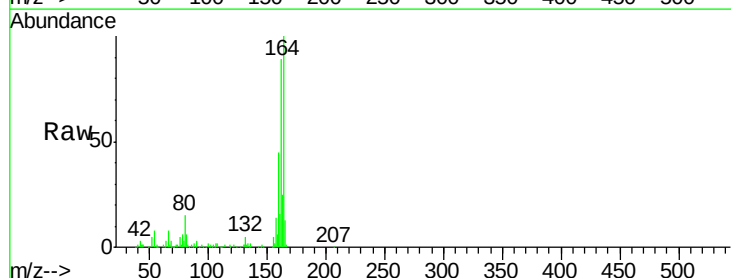
Instrument :
 BNA_G
 ClientSampleId :
 CS-T2

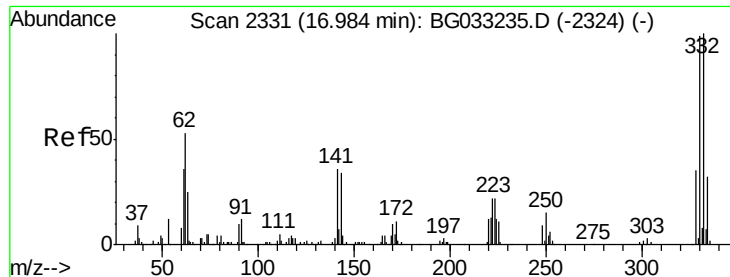
Tot Ion	82	Resp	289584
Ion Ratio	Lower	Upper	
82	100		
128	34.1	29.7	44.5
54	55.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033436.D
 Acq: 30 Mar 2018 1:13

Tgt Ion	164	Resp	108004
Ion Ratio	Lower	Upper	
164	100		
162	88.7	78.8	118.2
160	45.5	35.4	53.0

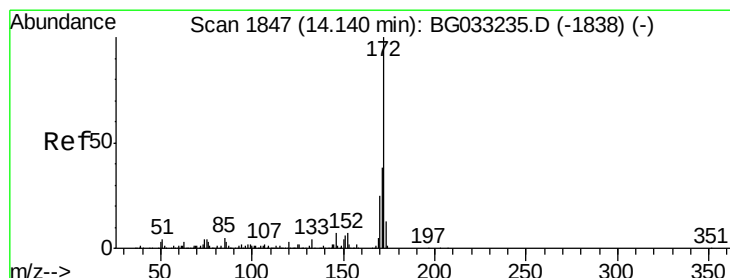
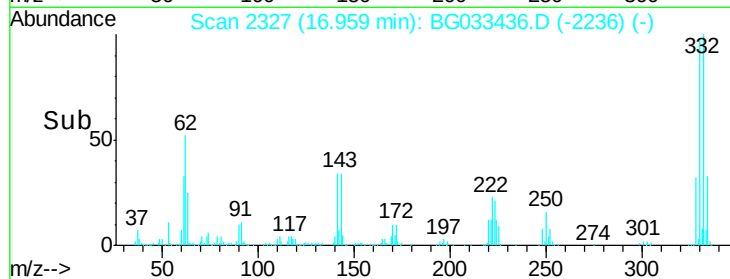
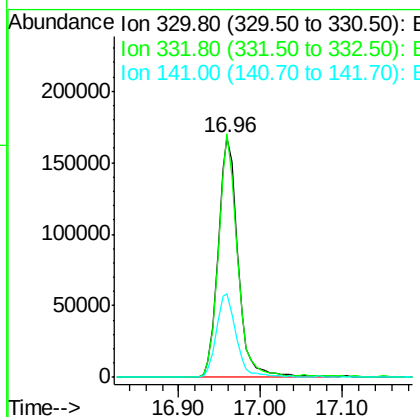
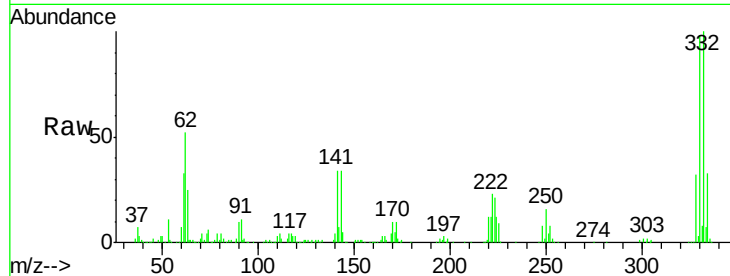




#41
 2,4,6-Tribromophenol
 Concen: 175.289 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033436.D
 Acq: 30 Mar 2018 1:13

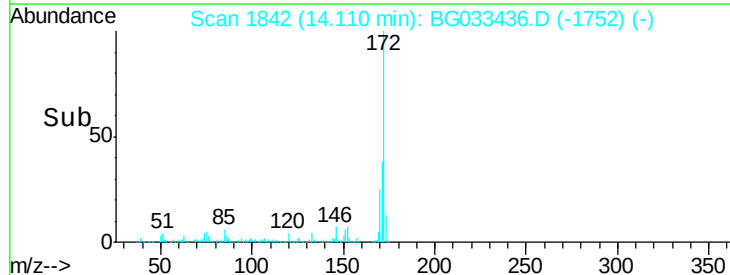
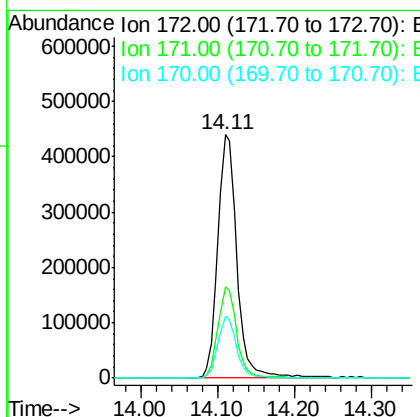
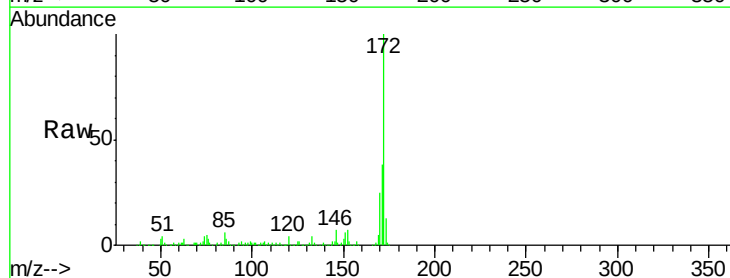
Instrument :
 BNA_G
 ClientSampled :
 CS-T2

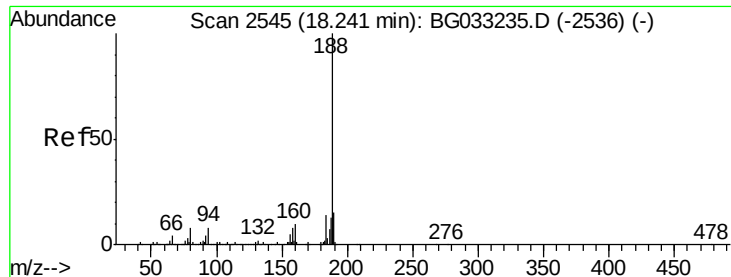
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.236 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033436.D
 Acq: 30 Mar 2018 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.3	19.5	29.3

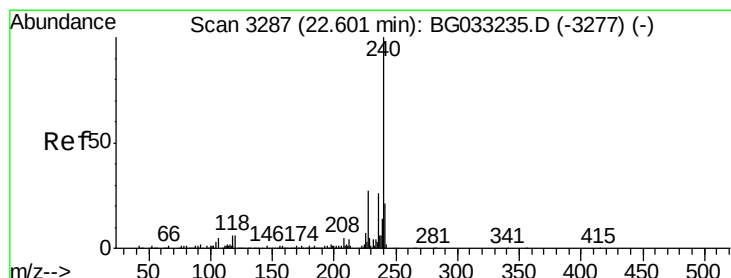
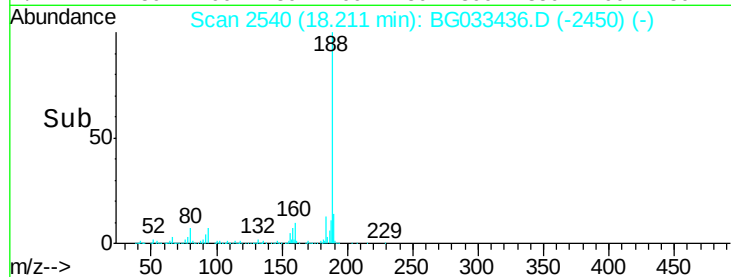
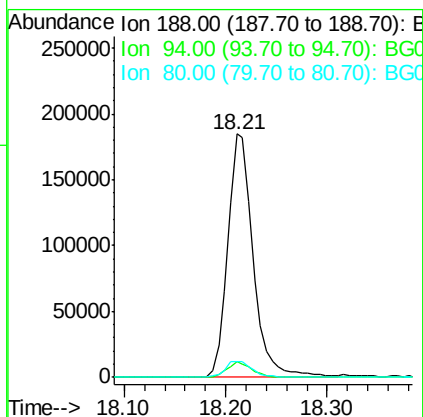
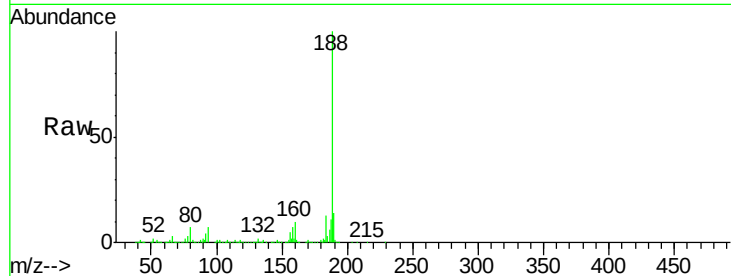




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033436.D
Acq: 30 Mar 2018 1:13

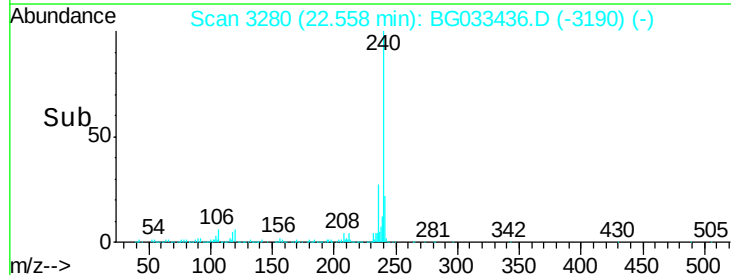
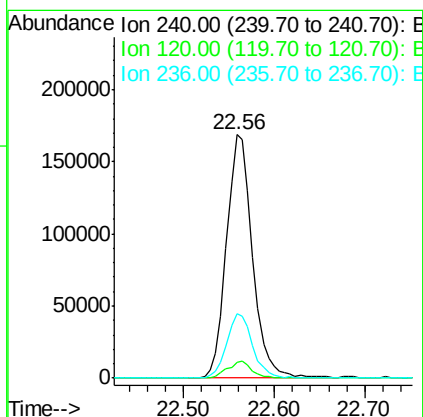
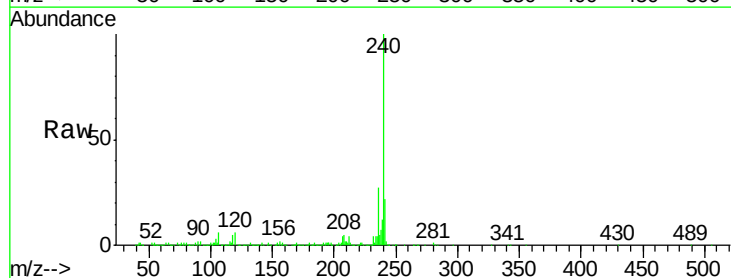
Instrument :
BNA_G
ClientSampleId :
CS-T2

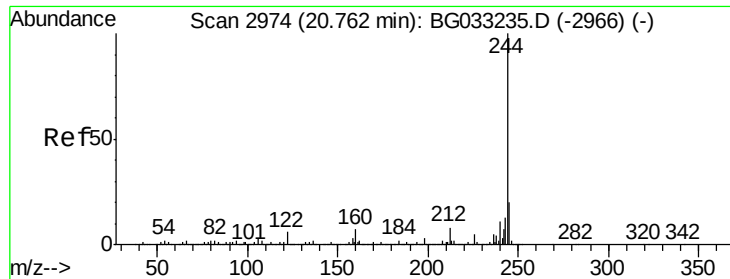
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	6.6	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033436.D
Acq: 30 Mar 2018 1:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 101.879 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033436.D

Acq: 30 Mar 2018 1:13

Instrument :

BNA_G

ClientSampleId :

CS-T2

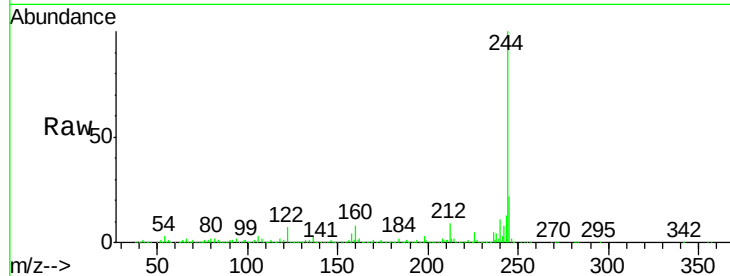
Tot Ion:244 Resp: 1607132

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

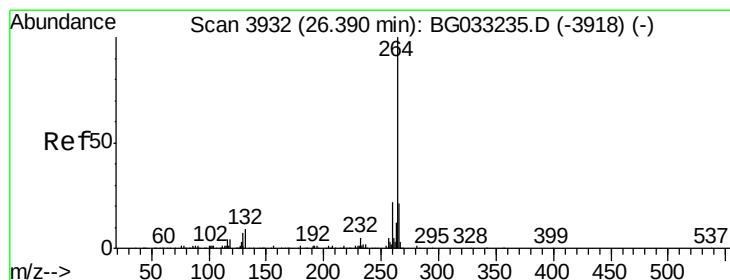
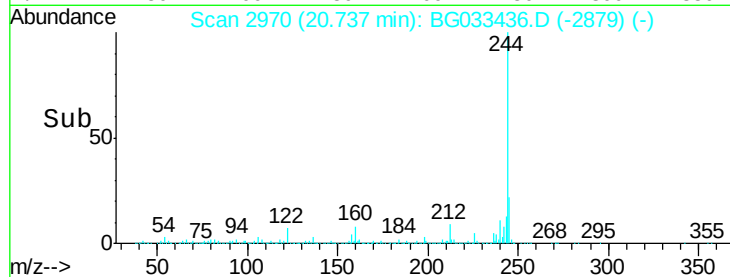
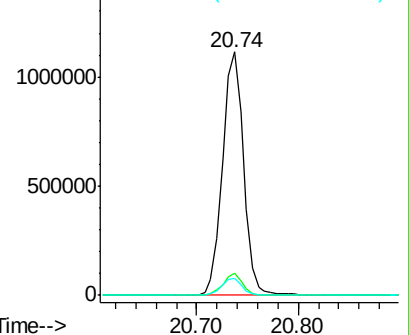
122 6.8 7.0 10.4#



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# 3922

Delta R.T. -0.00 min

Lab File: BG033436.D

Acq: 30 Mar 2018 1:13

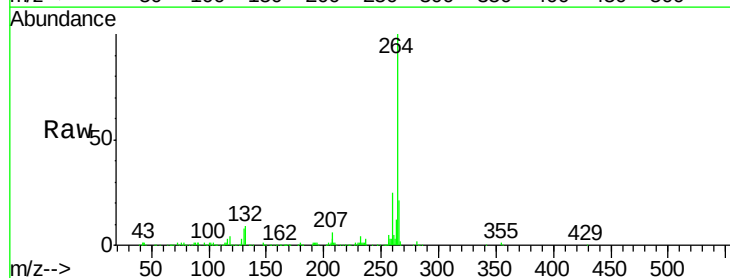
Tgt Ion:264 Resp: 365607

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.3 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

