

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033437.D
 Acq On : 30 Mar 2018 1:51
 Operator : SJ/JU
 Sample : J2100-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-DB

Quant Time: Mar 30 08:15:10 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	29730	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	131882	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	106503	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316423	20.00	ng	0.00
75) Chrysene-d12	22.56	240	341519	20.00	ng	0.00
86) Perylene-d12	26.33	264	365006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	243559	153.62	ng	0.00
7) Phenol-d6	7.98	99	345097	126.68	ng	0.00
23) Nitrobenzene-d5	10.07	82	277182	96.56	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	254929	160.04	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	705243	95.59	ng	0.00
78) Terphenyl-d14	20.74	244	1566502	98.10	ng	0.00

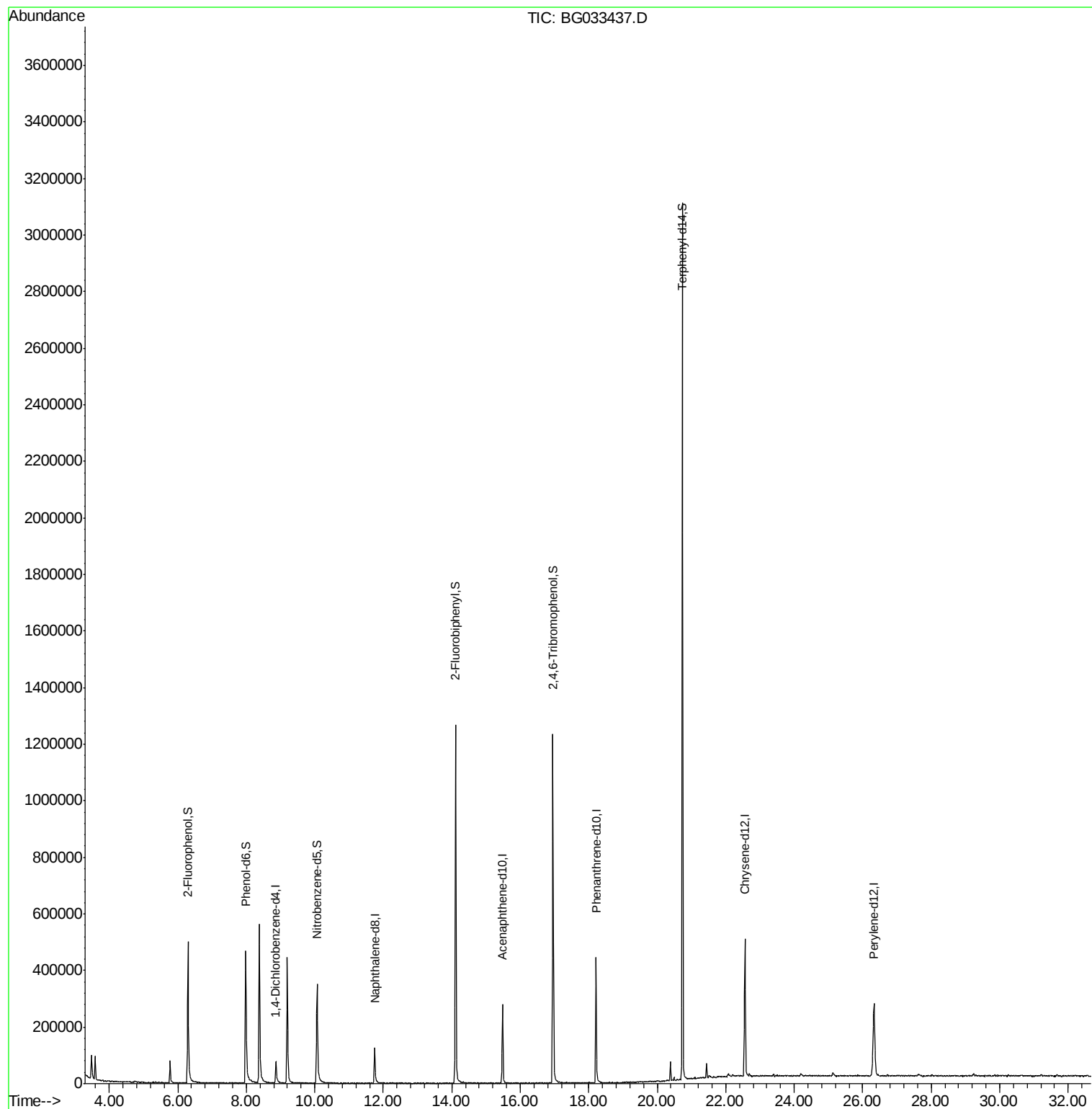
Target Compounds Qvalue

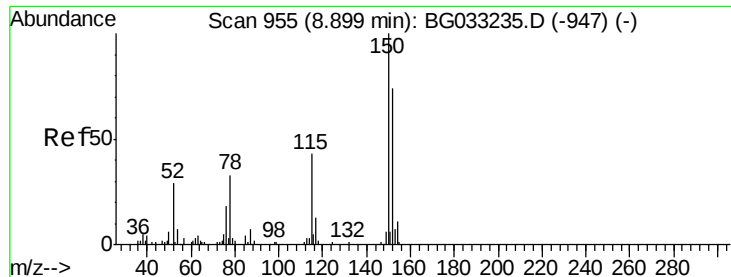
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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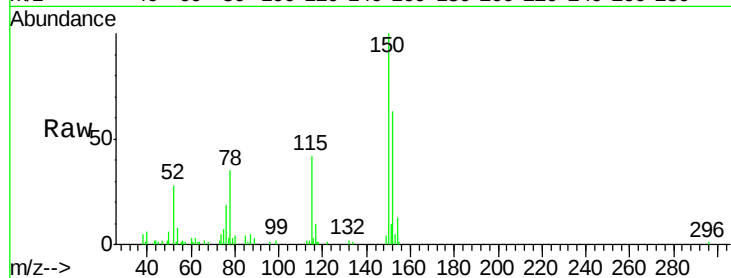


#1

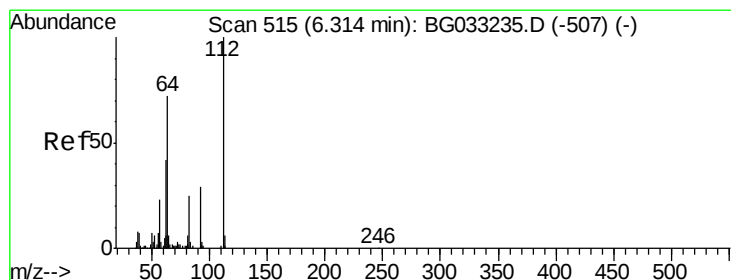
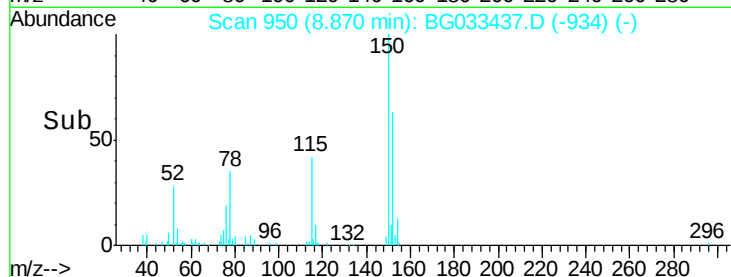
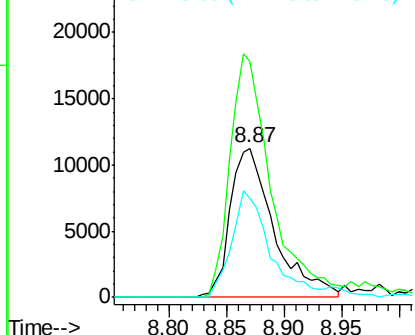
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Instrument :
BNA_G
ClientSampleId :
TP-8-DB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	66.0	53.0	79.4



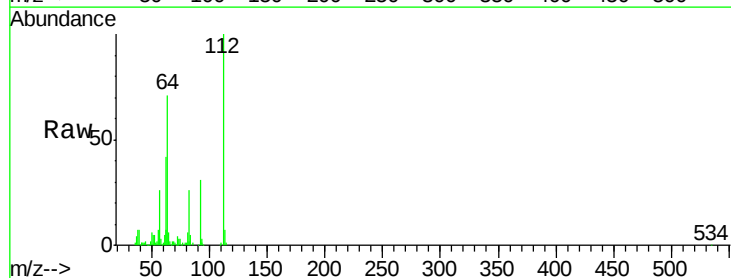
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



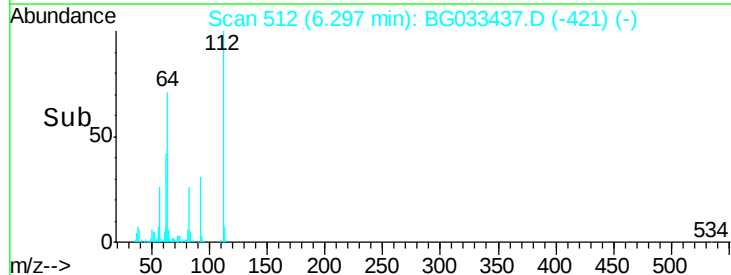
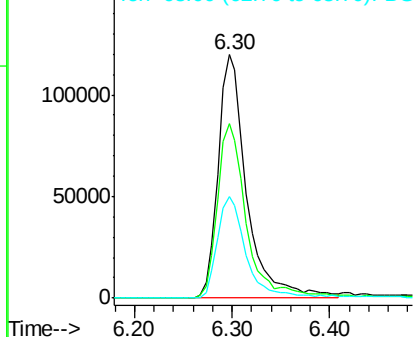
#5

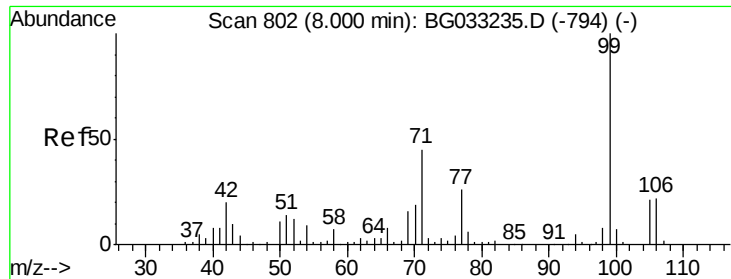
2-Fluorophenol
Concen: 153.617 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.3	84.5
63	41.5	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: 126.678 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

Instrument :

BNA_G

ClientSampleId :

TP-8-DB

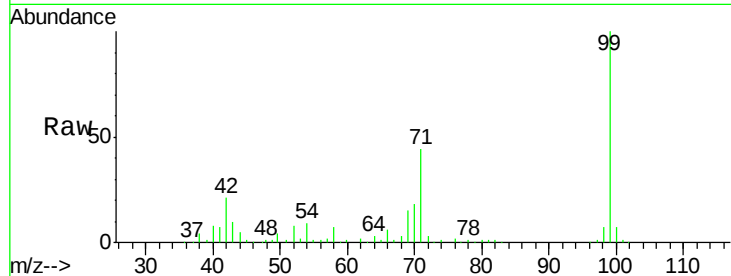
Tot Ion: 99 Resp: 345097

Ion Ratio Lower Upper

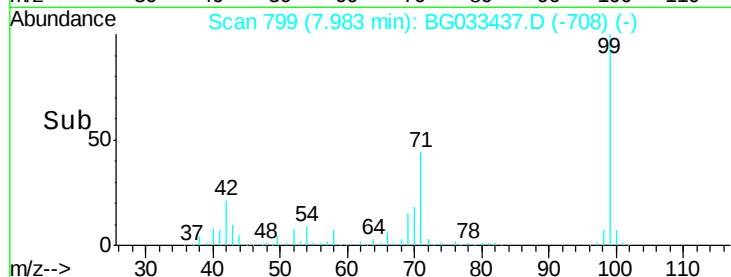
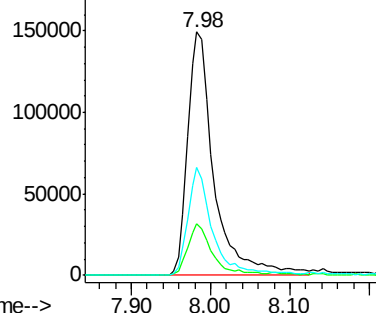
99 100

42 21.4 14.1 21.1#

71 44.1 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: BG033437.D

Acq: 30 Mar 2018 1:51

Tgt Ion: 136 Resp: 131882

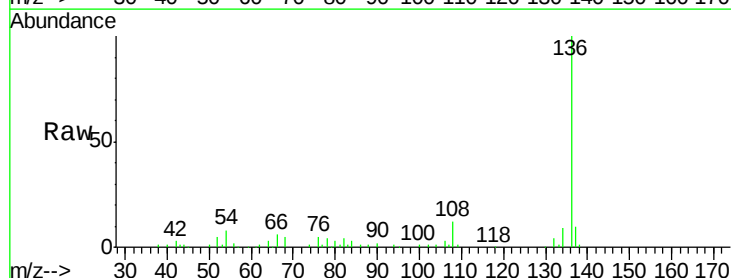
Ion Ratio Lower Upper

136 100

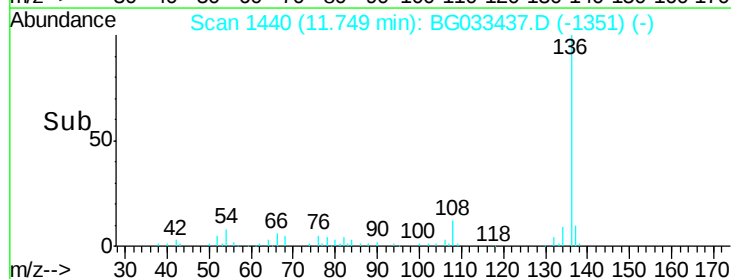
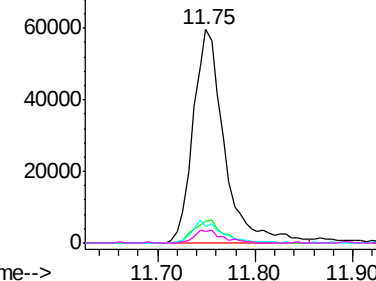
137 10.2 9.2 13.8

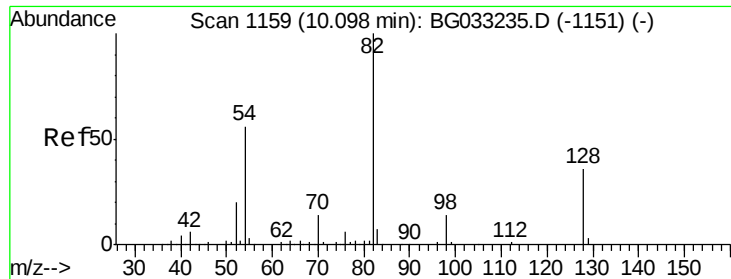
54 8.0 10.3 15.5#

68 5.3 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

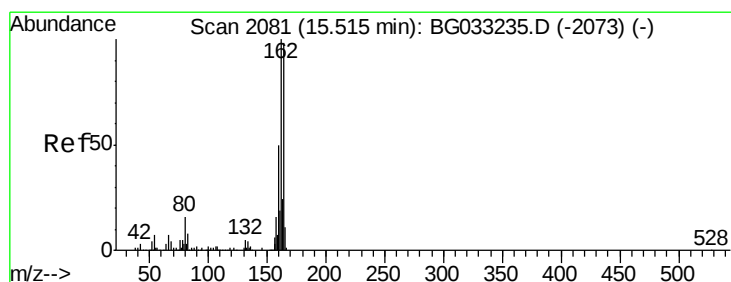
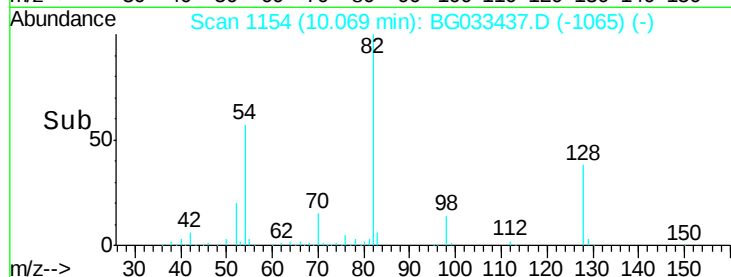
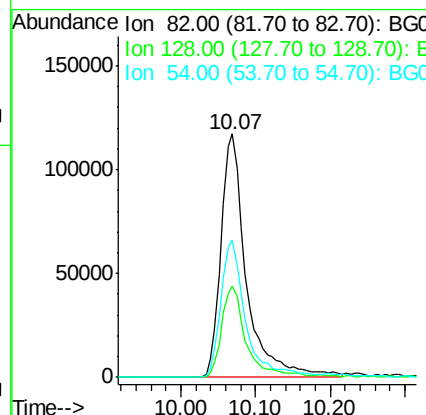
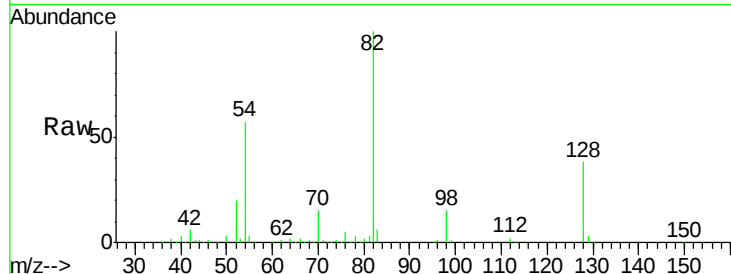




#23
Nitrobenzene-d5
Concen: 96.563 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

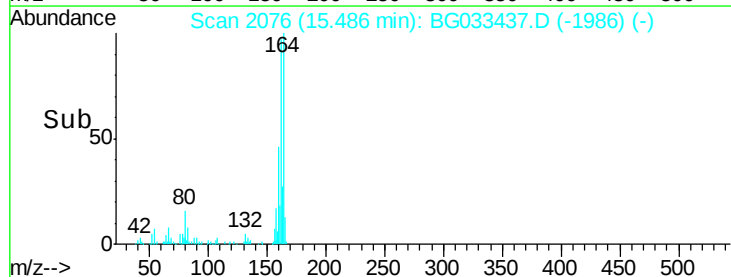
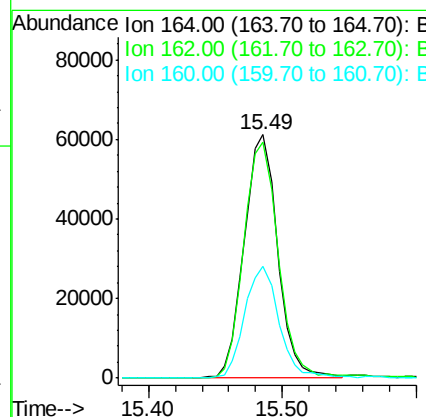
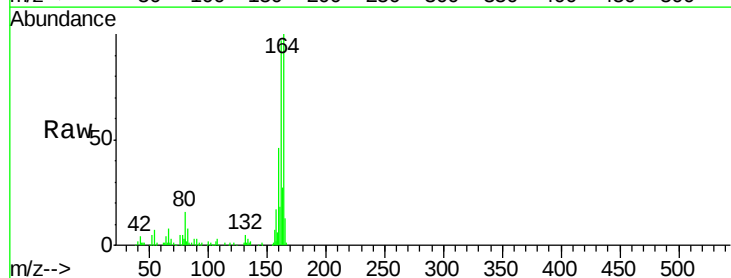
Instrument :
BNA_G
ClientSampleId :
TP-8-DB

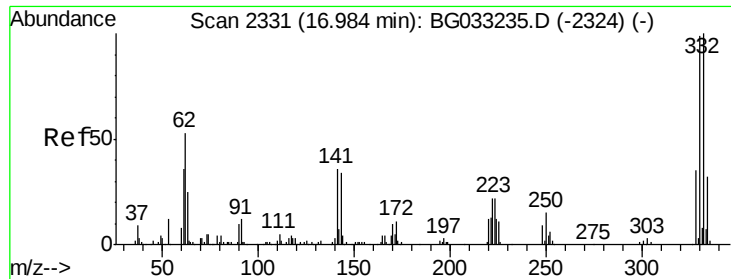
Tot Ion	82	Resp	277182
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.7	44.5
54	56.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion	164	Resp	106503
Ion Ratio	Lower	Upper	
164	100		
162	97.1	78.8	118.2
160	45.9	35.4	53.0

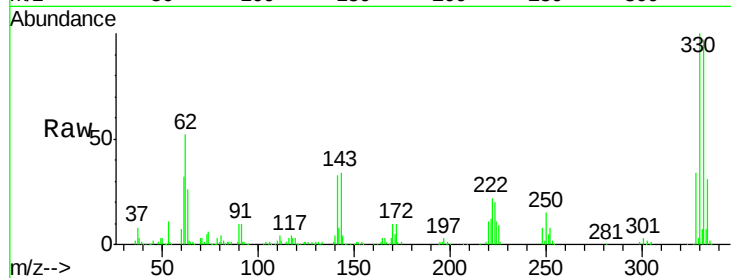




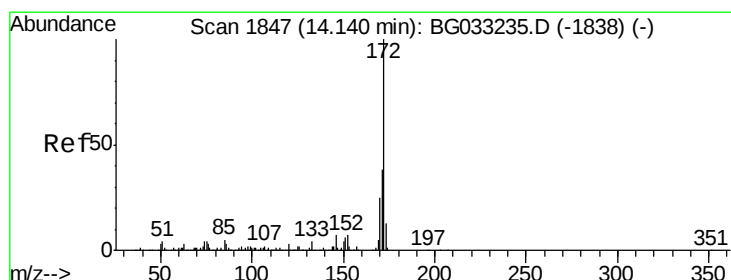
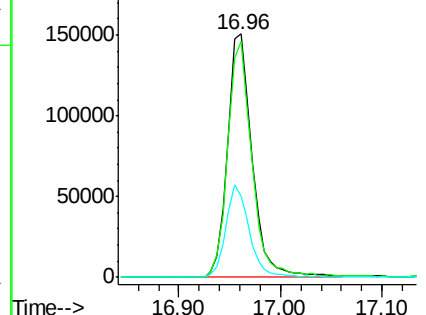
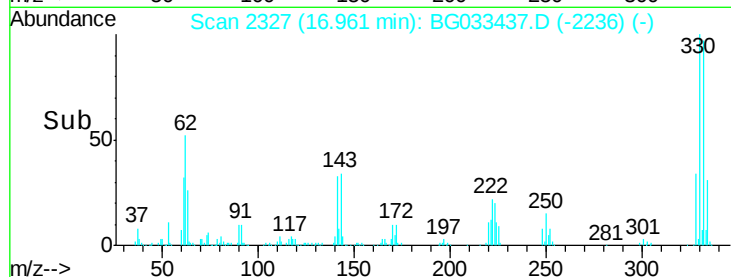
#41
 2,4,6-Tribromophenol
 Concen: 160.043 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-DB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.9	25.2	37.8

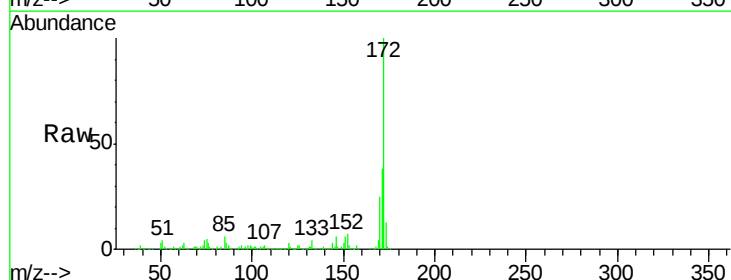


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

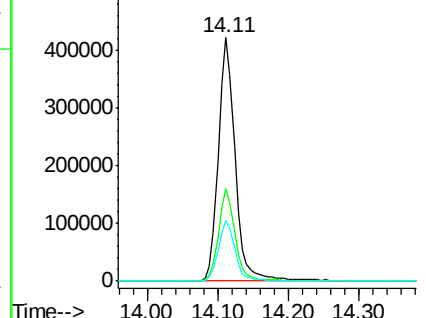
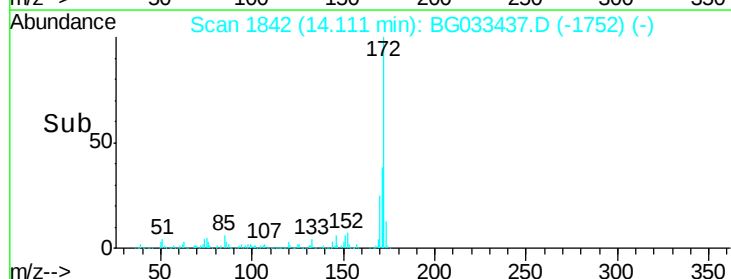


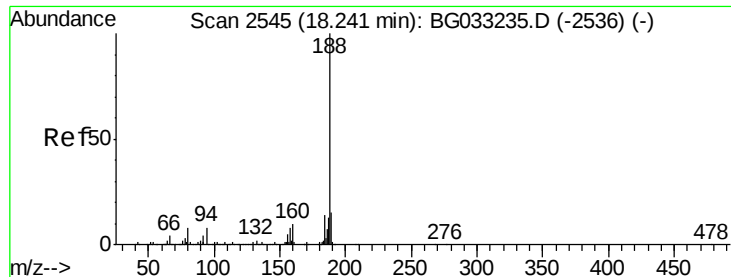
#44
 2-Fluorobiphenyl
 Concen: 95.595 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.8	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

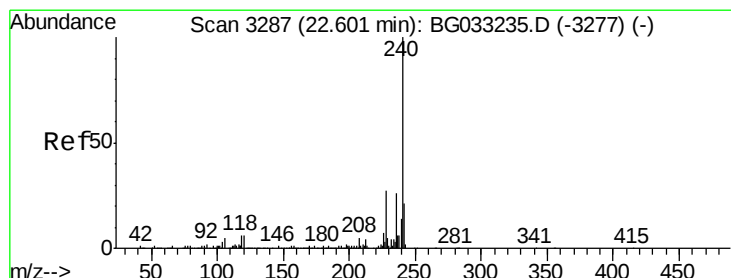
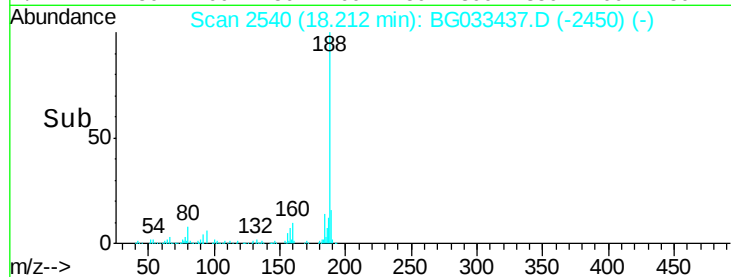
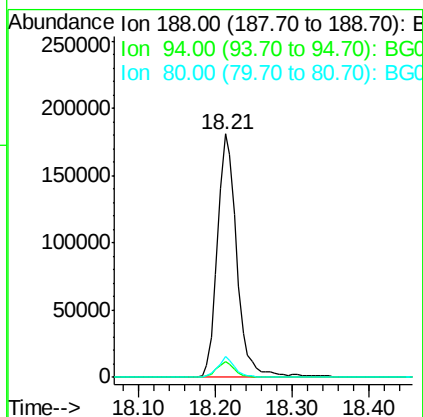
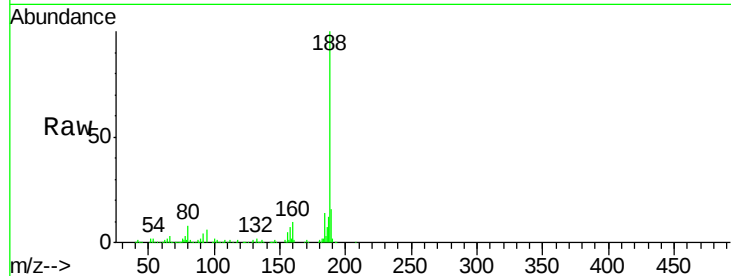




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

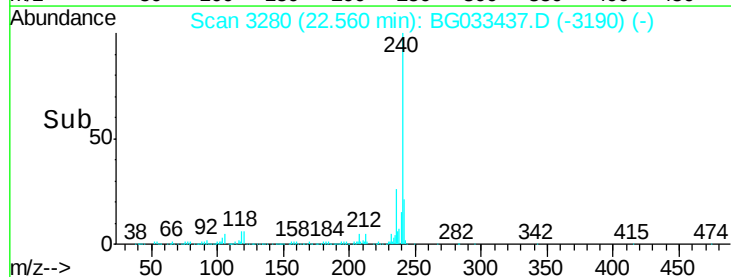
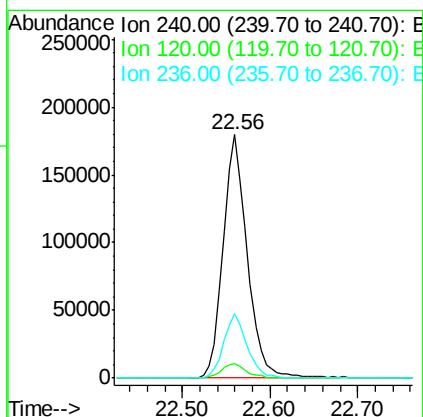
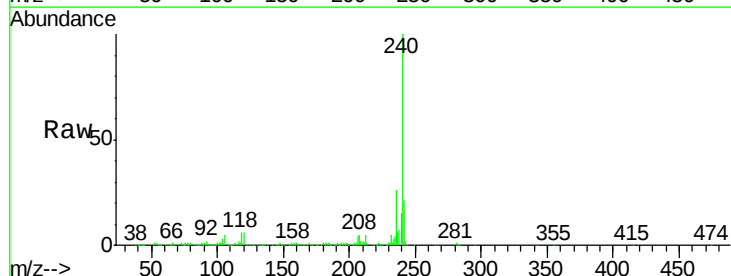
Instrument :
 BNA_G
 ClientSampleID :
 TP-8-DB

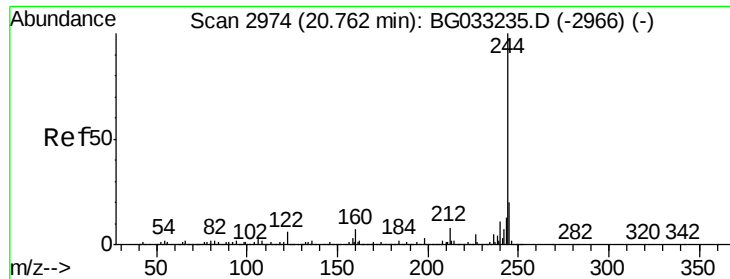
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.4	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 98.095 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

Instrument :

BNA_G

ClientSampleID :

TP-8-DB

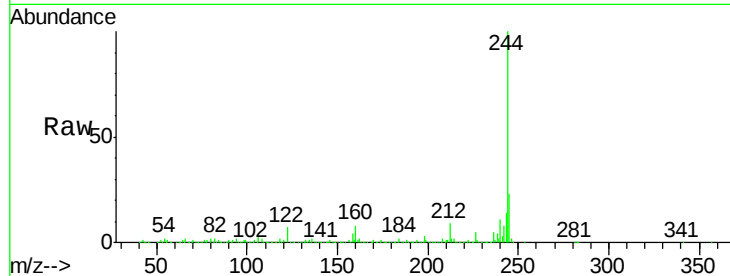
Tot Ion:244 Resp: 1566502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

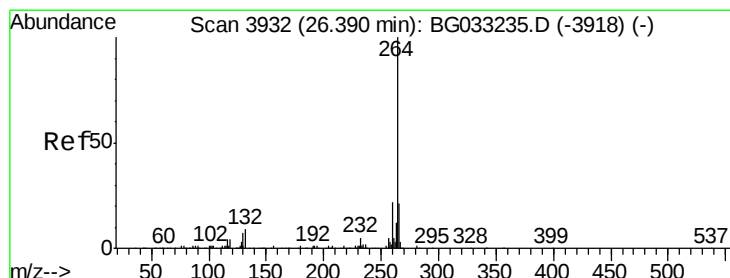
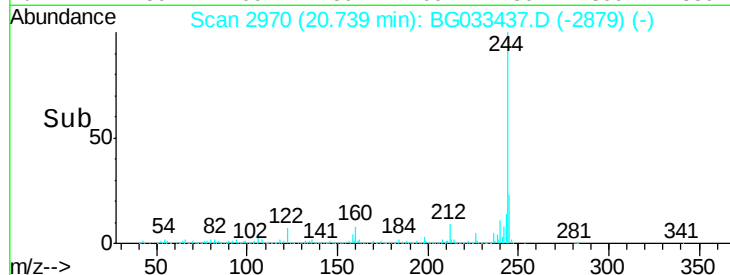
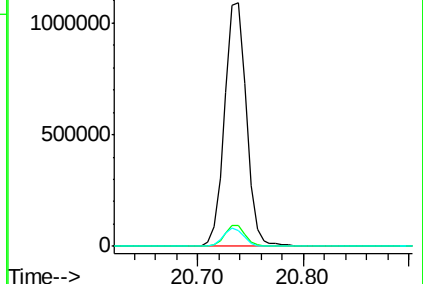
122 6.7 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

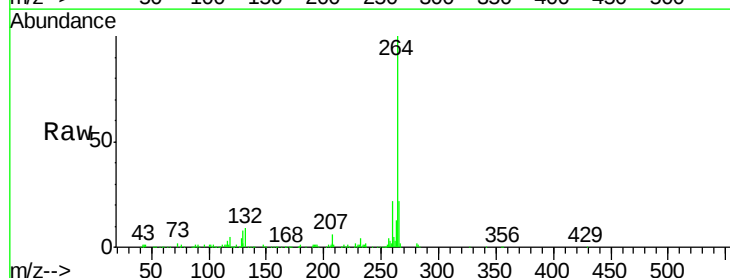
Tgt Ion:264 Resp: 365006

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 22.4 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

