

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033539.D
 Acq On : 4 Apr 2018 1:21
 Operator : SJ/JU
 Sample : J2131-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT1495

Quant Time: Apr 04 04:35:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32698	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	142667	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112779	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	321387	20.00	ng	0.00
75) Chrysene-d12	22.55	240	330542	20.00	ng	0.00
86) Perylene-d12	26.32	264	295115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	290061	166.34	ng	0.00
7) Phenol-d6	7.98	99	416800	139.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	335642	108.09	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	275914	163.58	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	790835	101.23	ng	0.00
78) Terphenyl-d14	20.73	244	1660763	107.45	ng	0.00

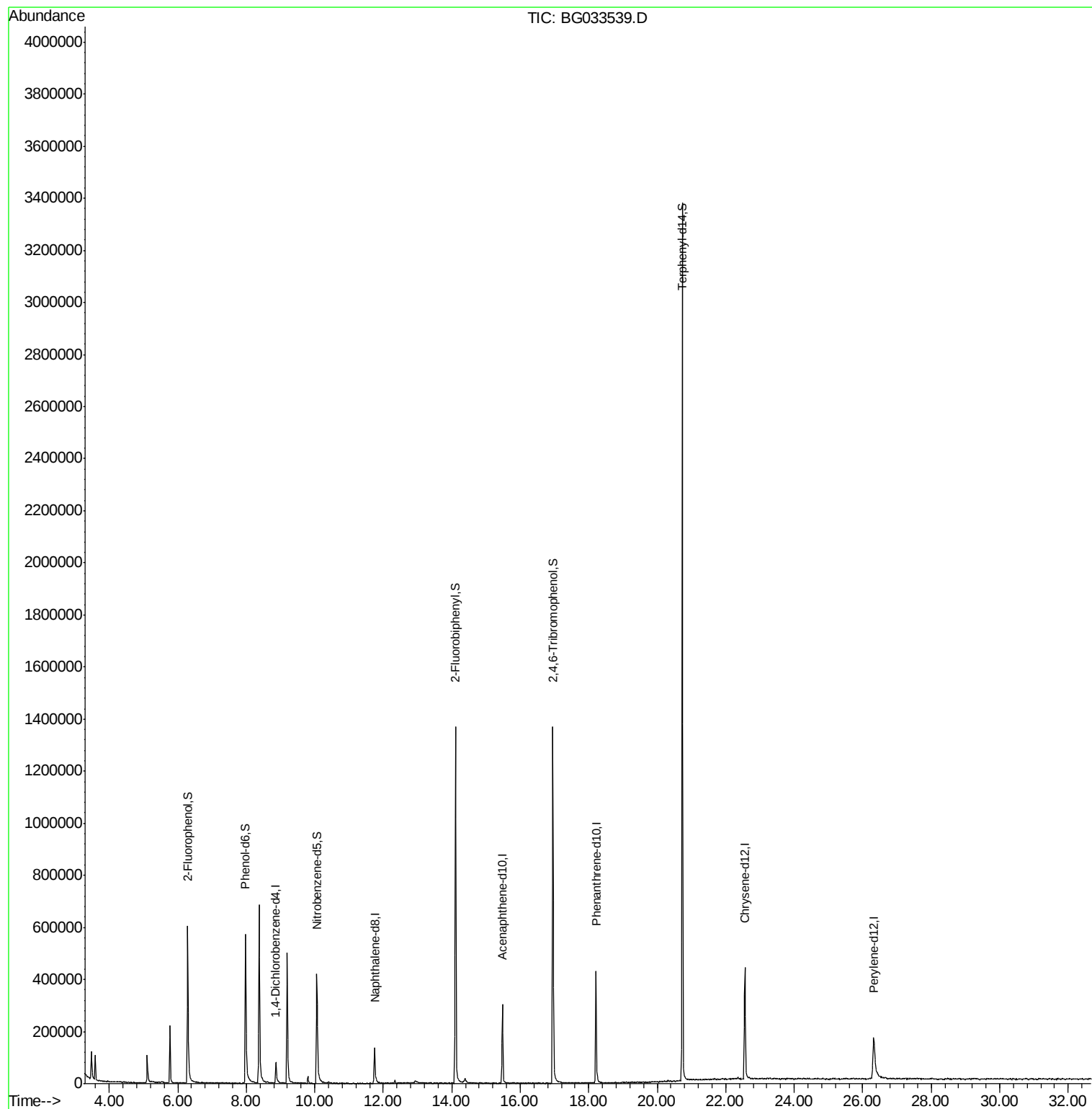
Target Compounds Qvalue

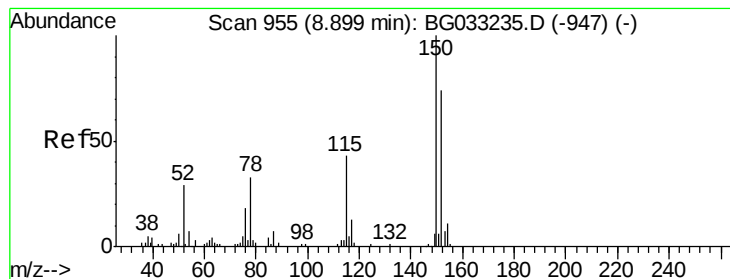
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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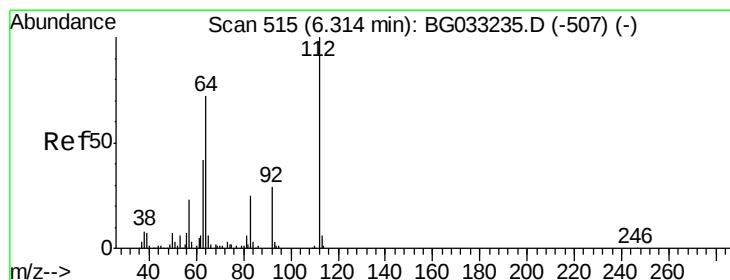
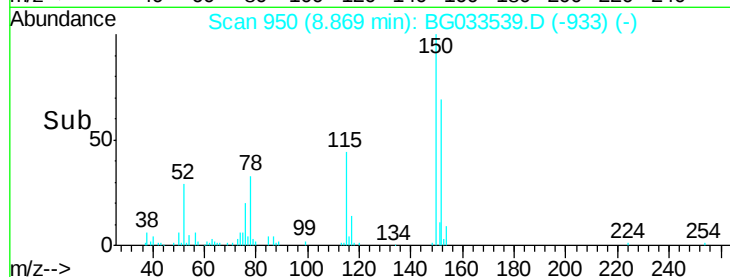
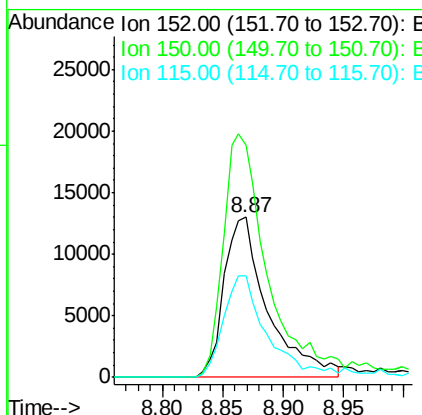
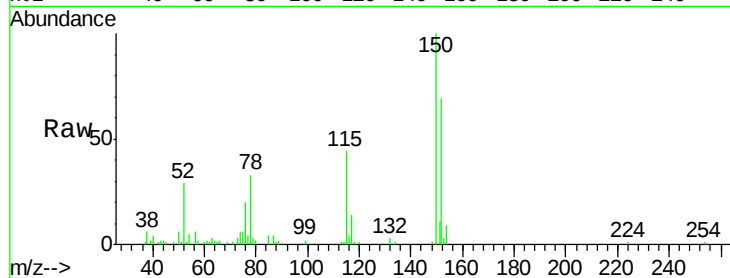


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Instrument :
BNA_G
ClientSampleId :
RT1495

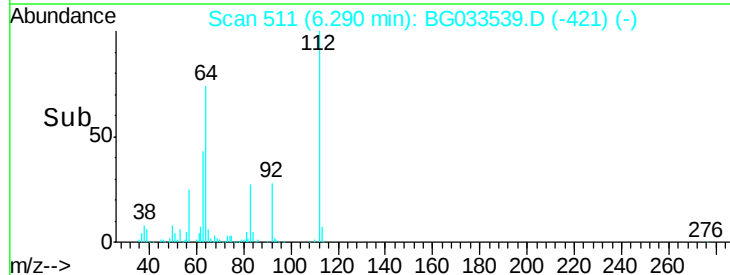
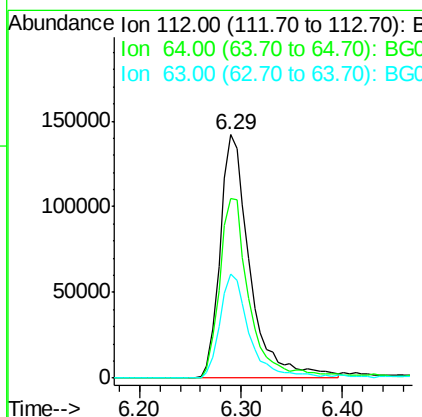
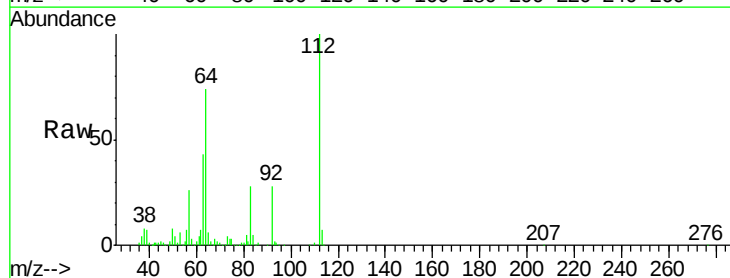
Tot Ion	152	Resp	32698
Ion Ratio	Lower	Upper	
152	100		
150	144.8	126.6	189.8
115	63.7	53.0	79.4

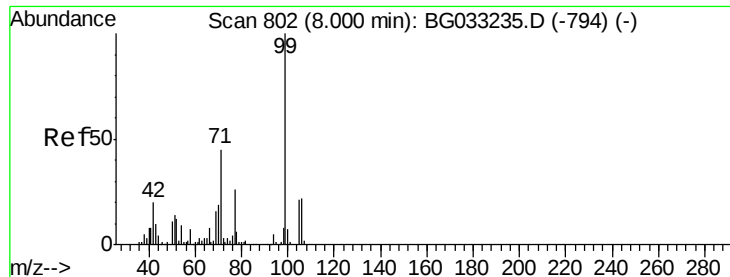


#5

2-Fluorophenol
Concen: 166.340 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion	112	Resp	290061
Ion Ratio	Lower	Upper	
112	100		
64	73.8	56.3	84.5
63	43.0	30.1	45.1





#7

Phenol-d6

Concen: 139.111 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

Instrument :

BNA_G

ClientSampleId :

RT1495

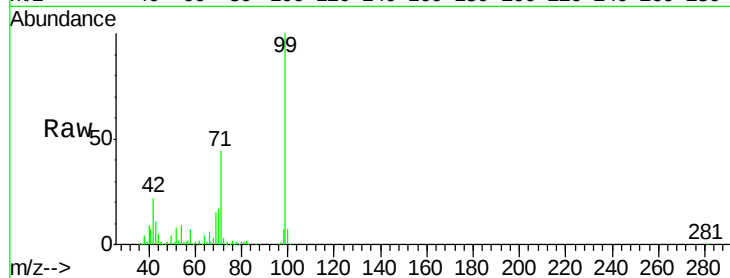
Tot Ion: 99 Resp: 416800

Ion Ratio Lower Upper

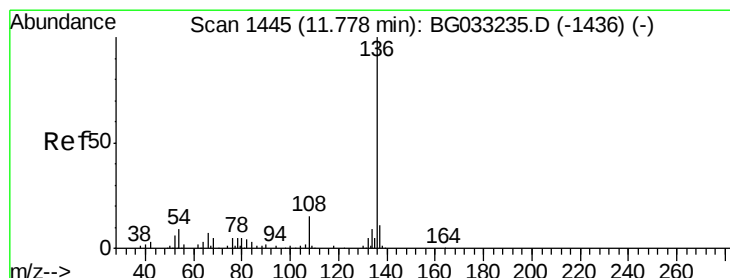
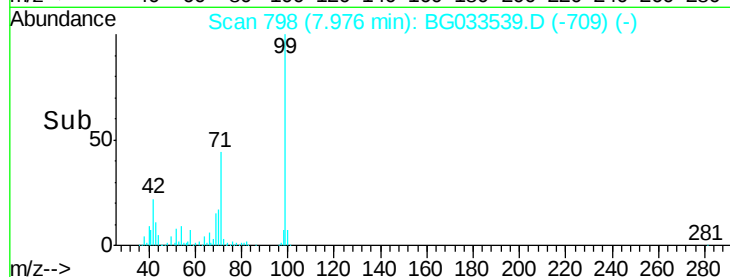
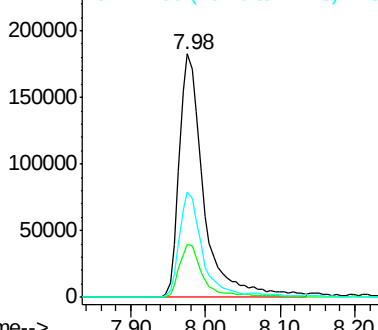
99 100

42 21.6 14.1 21.1#

71 43.5 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. -0.00 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

Tgt Ion: 136 Resp: 142667

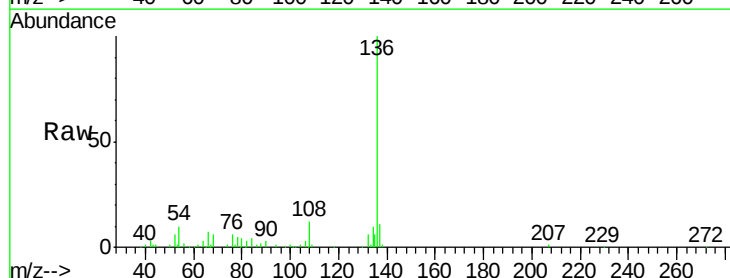
Ion Ratio Lower Upper

136 100

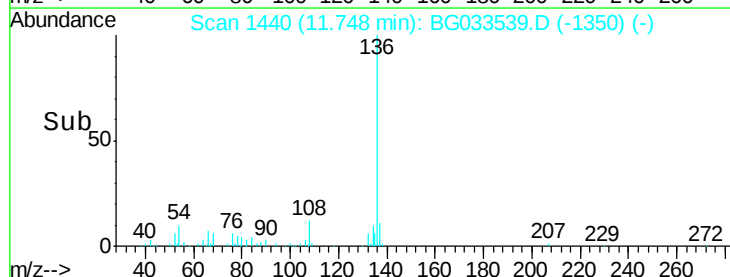
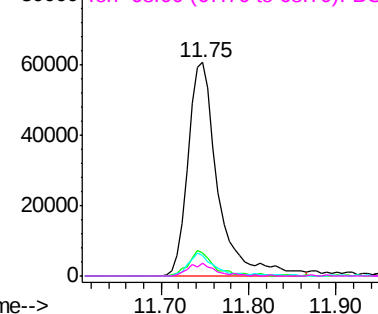
137 10.6 9.2 13.8

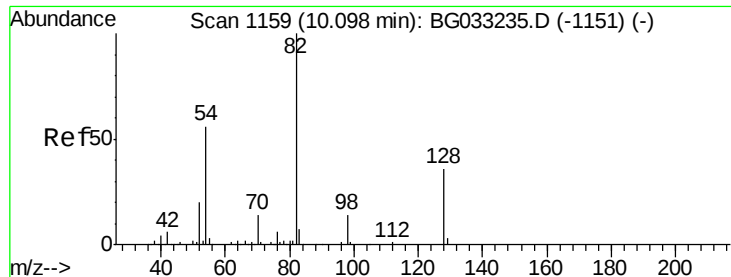
54 9.9 10.3 15.5#

68 6.2 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

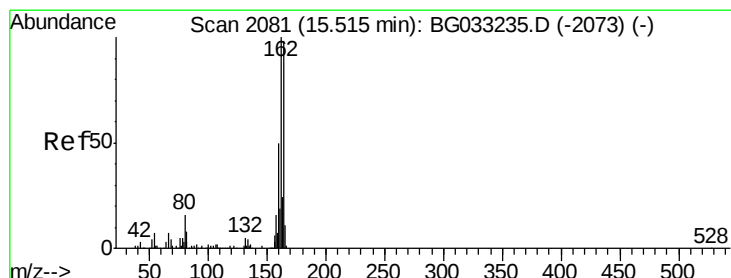
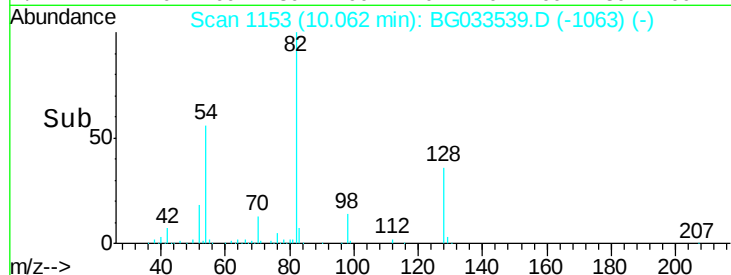
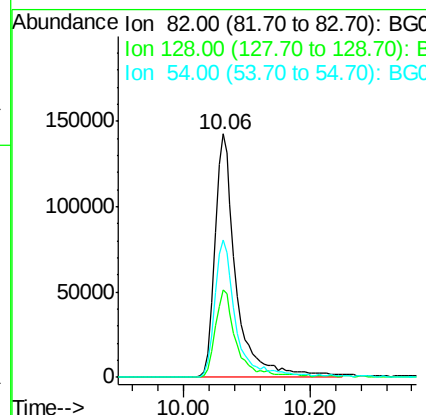
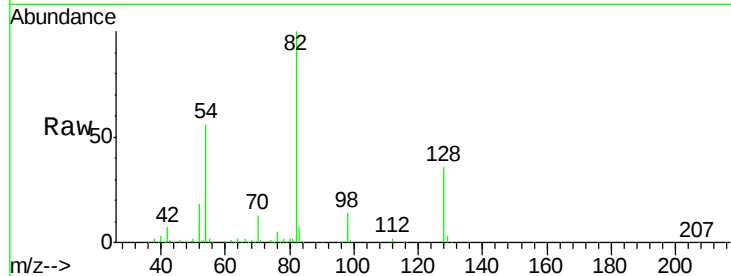




#23
 Nitrobenzene-d5
 Concen: 108.089 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

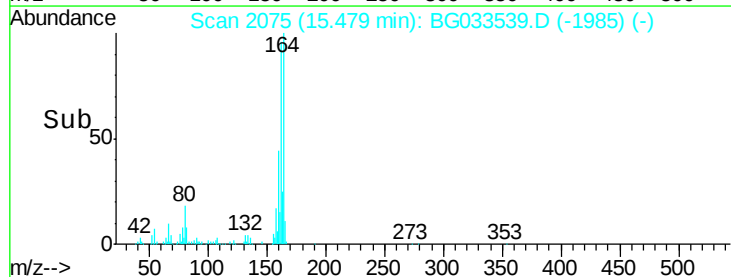
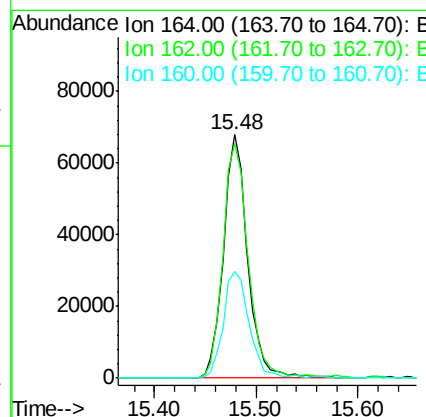
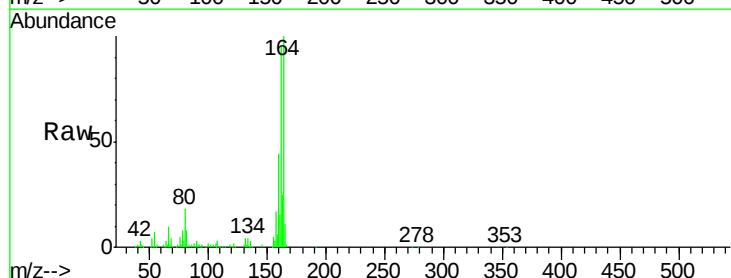
Instrument :
 BNA_G
 ClientSampleId :
 RT1495

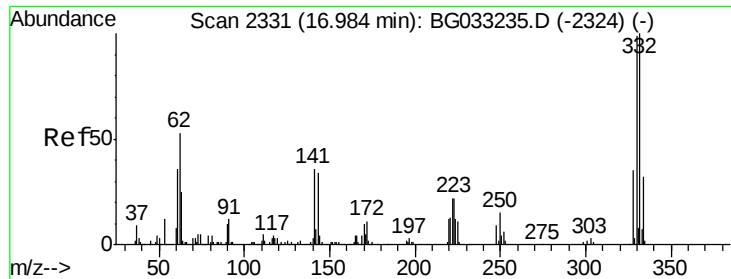
Tot Ion: 82 Resp: 335642
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 56.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Tgt Ion: 164 Resp: 112779
 Ion Ratio Lower Upper
 164 100
 162 96.5 78.8 118.2
 160 43.7 35.4 53.0

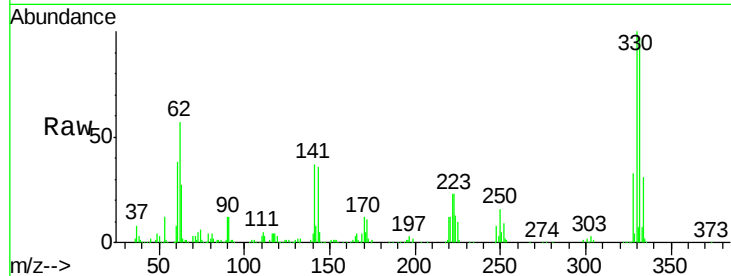




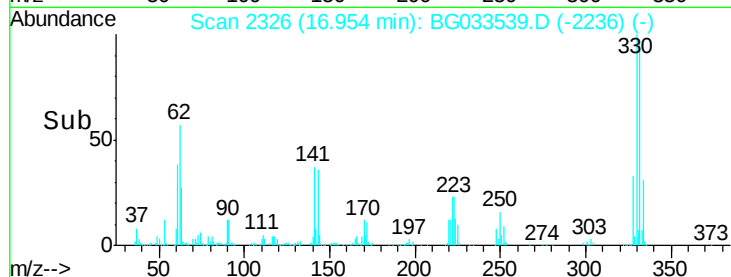
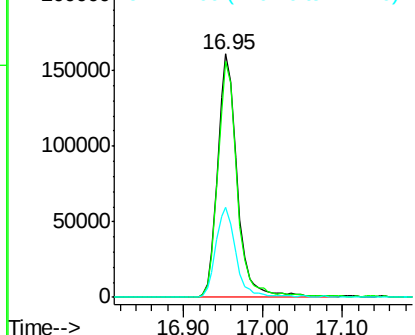
#41
 2,4,6-Tribromophenol
 Concen: 163.578 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Instrument :
 BNA_G
 ClientSampleId :
 RT1495

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.9	25.2	37.8#

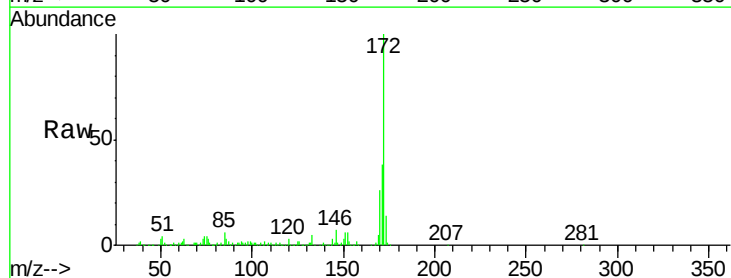


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

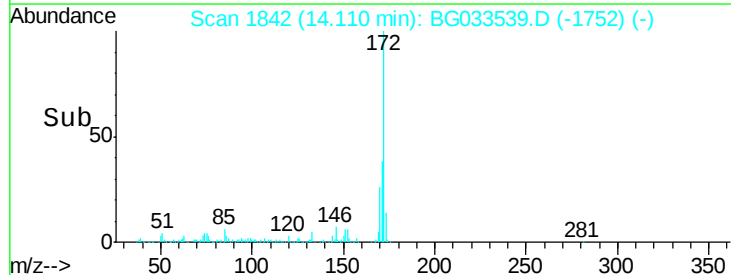
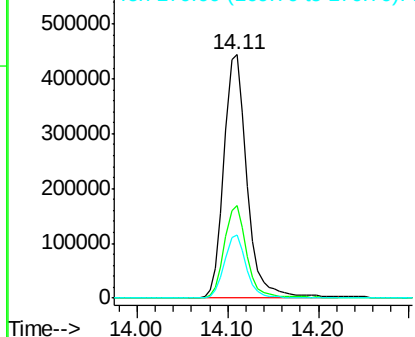


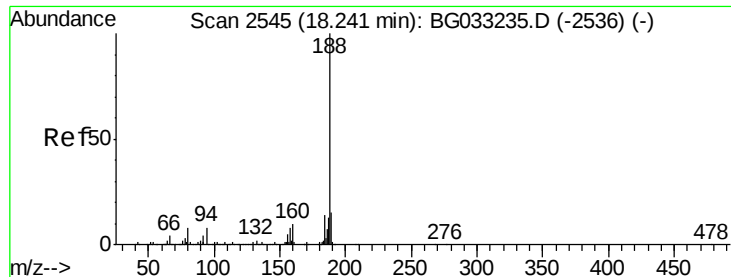
#44
 2-Fluorobiphenyl
 Concen: 101.231 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033539.D
 Acq: 4 Apr 2018 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	26.1	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

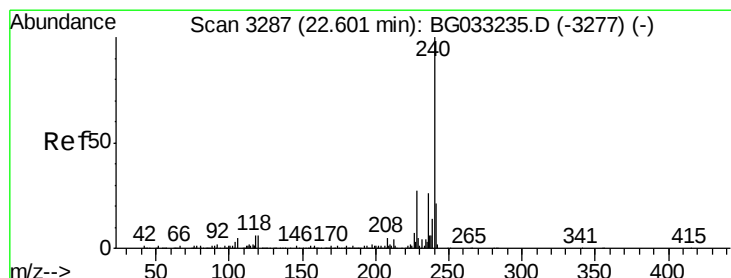
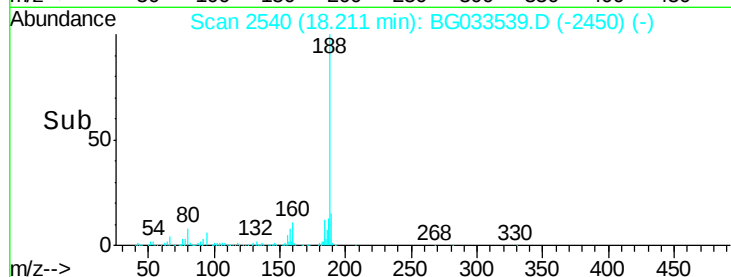
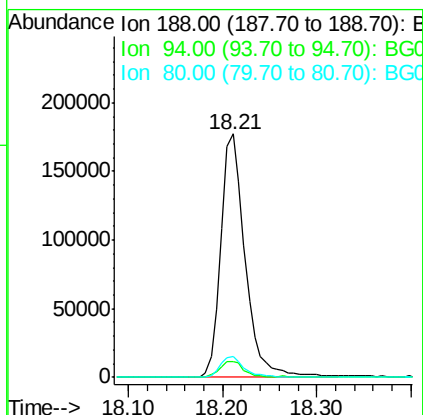
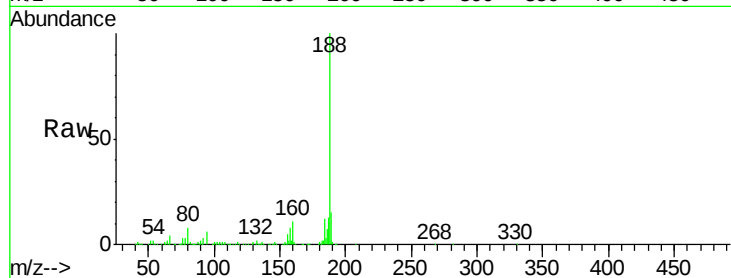




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

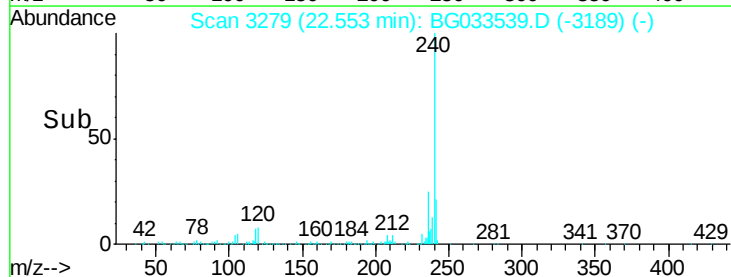
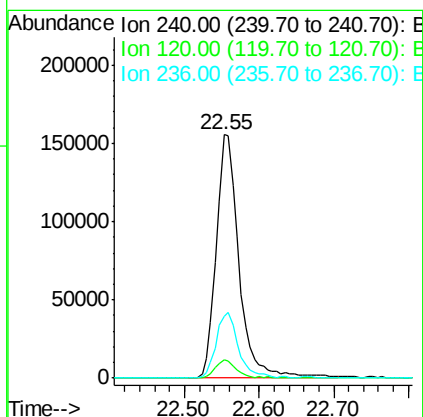
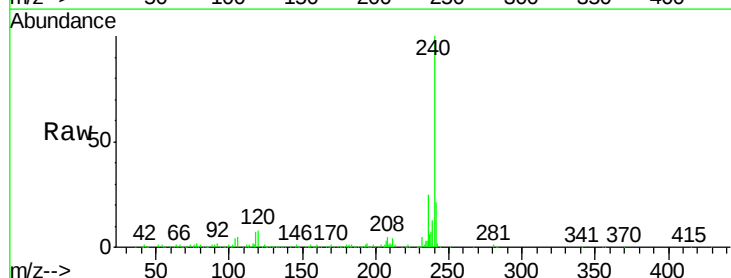
Instrument :
BNA_G
ClientSampleId :
RT1495

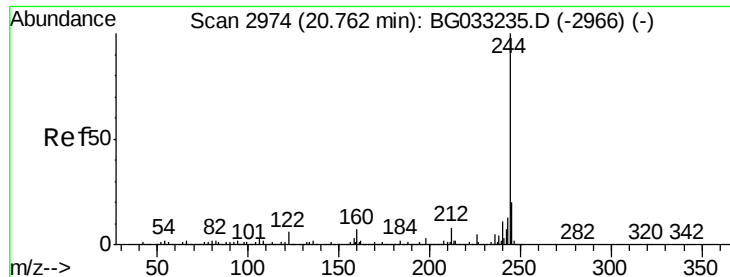
Tot Ion:188 Resp: 321387
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BG033539.D
Acq: 4 Apr 2018 1:21

Tgt Ion:240 Resp: 330542
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 107.451 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

Instrument :

BNA_G

ClientSampleId :

RT1495

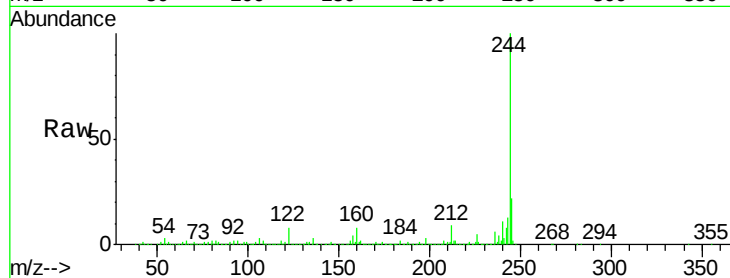
Tot Ion:244 Resp: 1660763

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

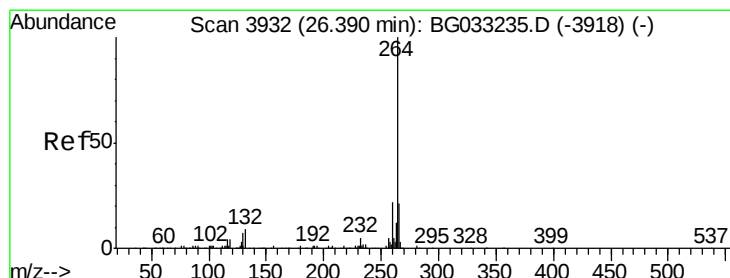
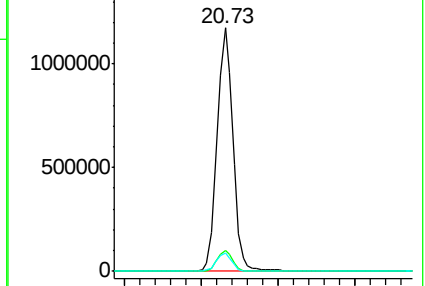
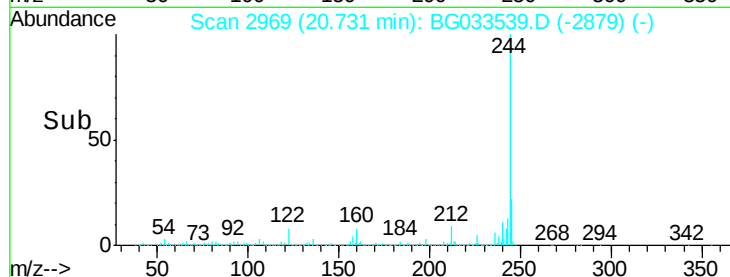
122 7.6 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.00 min

Lab File: BG033539.D

Acq: 4 Apr 2018 1:21

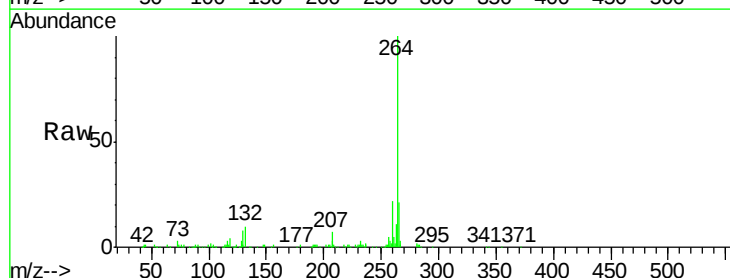
Tgt Ion:264 Resp: 295115

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.6 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

