

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033399.D
 Acq On : 28 Mar 2018 23:21
 Operator : SJ/JU
 Sample : J2097-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Mar 29 07:31:14 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	44281	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	180018	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	132055	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319082	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331296	20.00	ng	0.00
86) Perylene-d12	26.33	264	353063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	142179	60.21	ng	0.00
7) Phenol-d6	7.99	99	128312	31.62	ng	0.00
23) Nitrobenzene-d5	10.07	82	346688	88.48	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	253159	128.18	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	855428	93.52	ng	0.00
78) Terphenyl-d14	20.74	244	1366153	88.19	ng	0.00

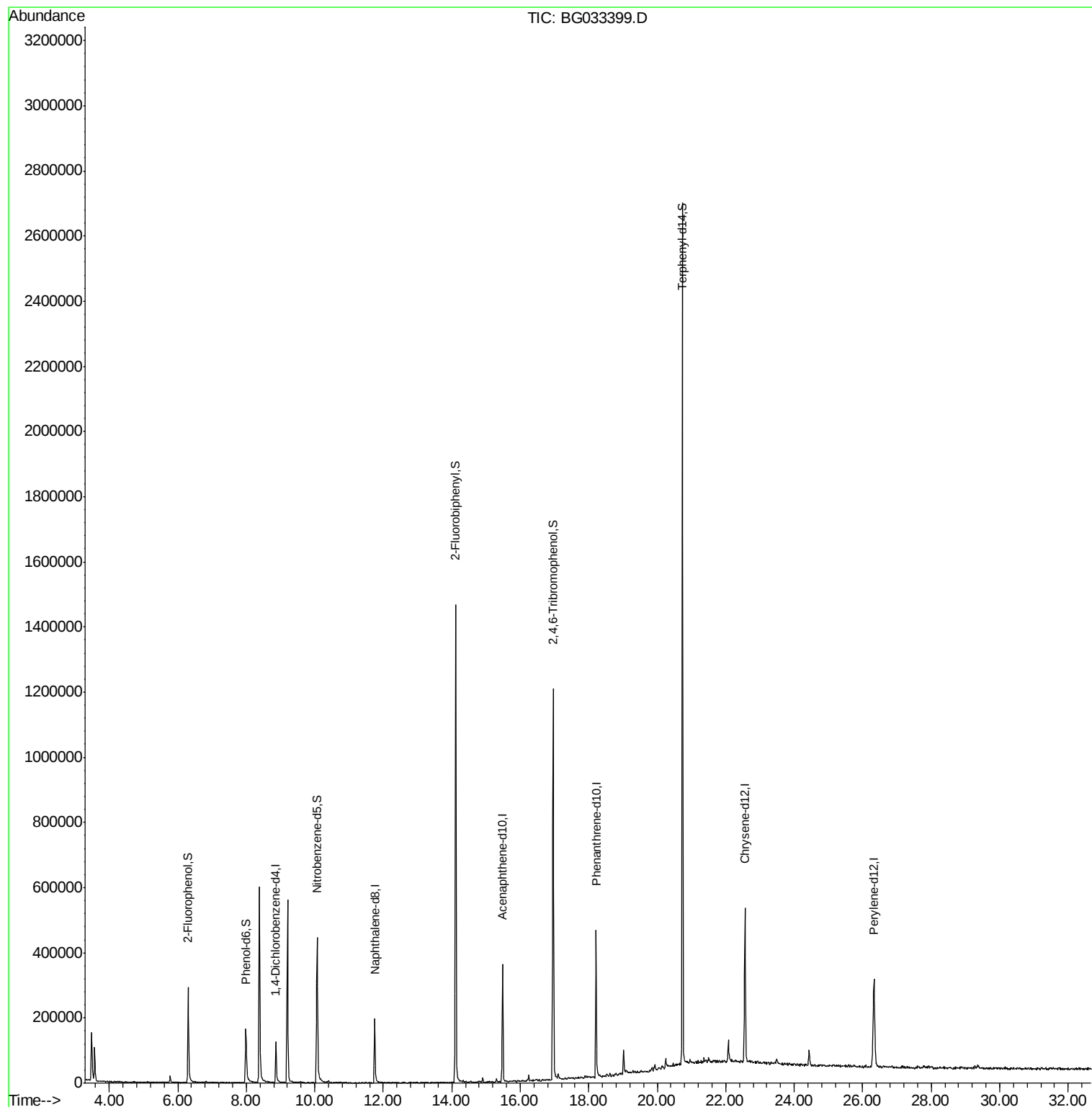
Target Compounds Qvalue

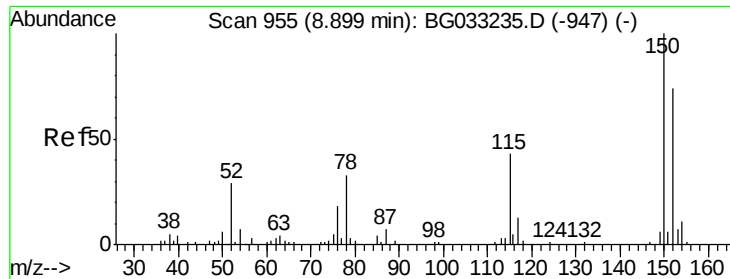
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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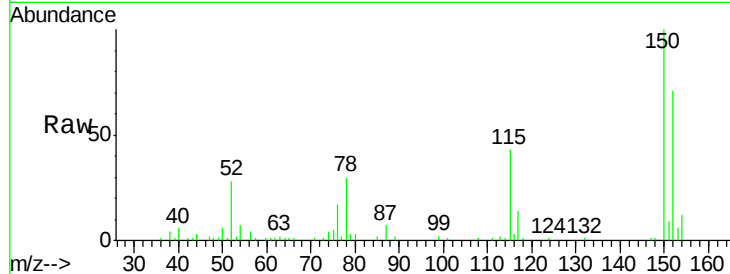


#1

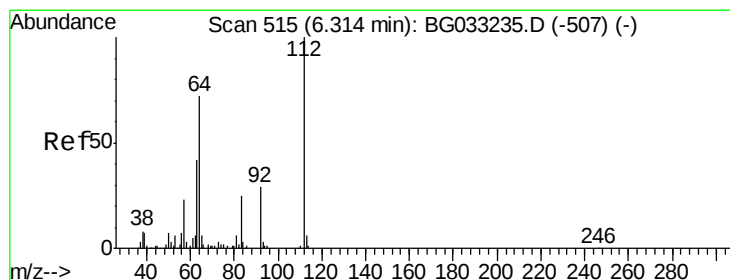
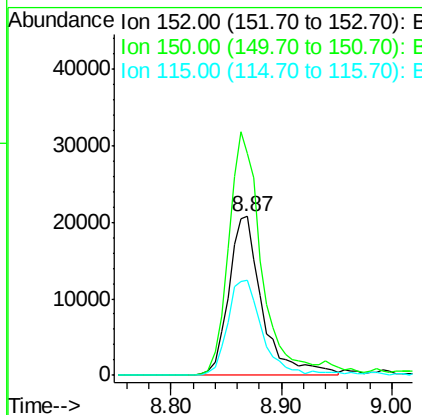
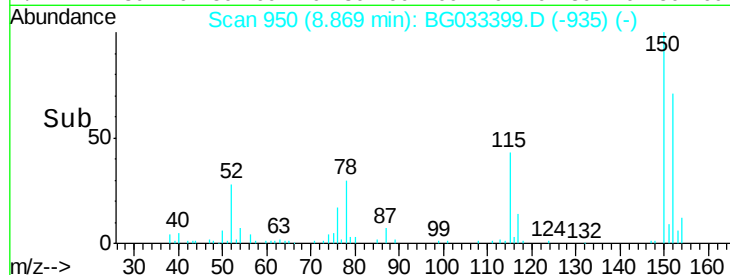
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033399.D
Acq: 28 Mar 2018 23:21

Instrument :
BNA_G
ClientSampled :
MW-9

Tot Ion:152 Resp: 44281
Ion Ratio Lower Upper
152 100
150 140.1 126.6 189.8
115 59.6 53.0 79.4



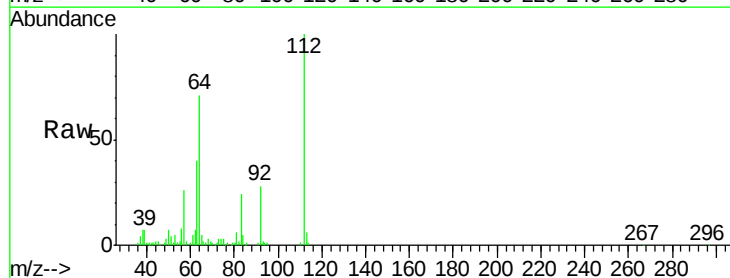
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



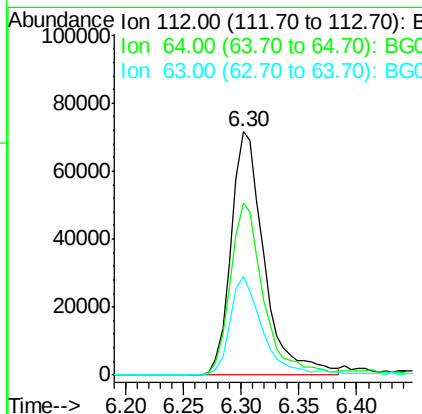
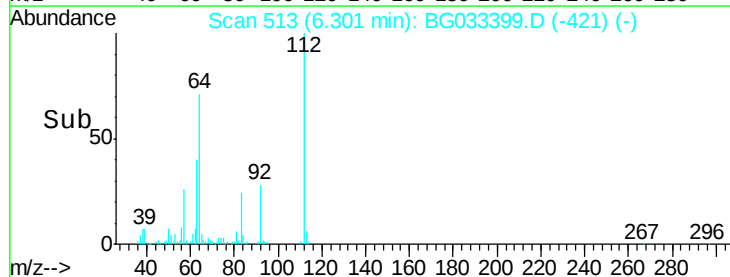
#5

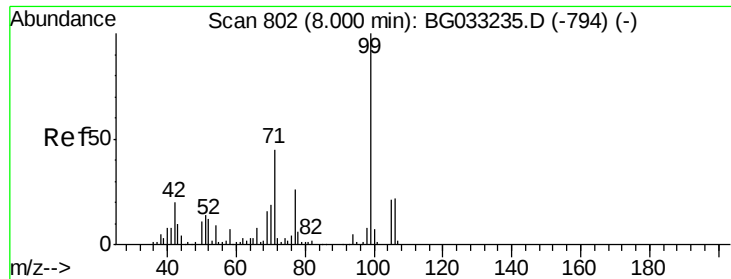
2-Fluorophenol
Concen: 60.207 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033399.D
Acq: 28 Mar 2018 23:21

Tgt Ion:112 Resp: 142179
Ion Ratio Lower Upper
112 100
64 70.6 56.3 84.5
63 40.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.623 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033399.D

Acq: 28 Mar 2018 23:21

Instrument :

BNA_G

ClientSampleId :

MW-9

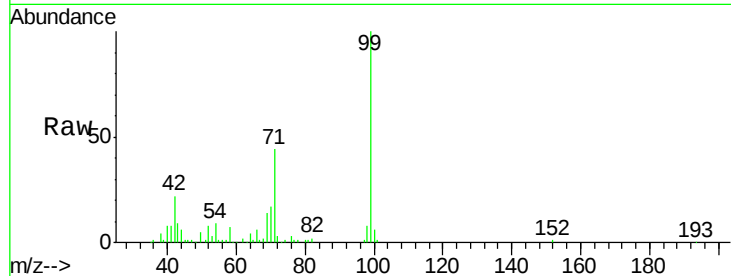
Tot Ion: 99 Resp: 128312

Ion Ratio Lower Upper

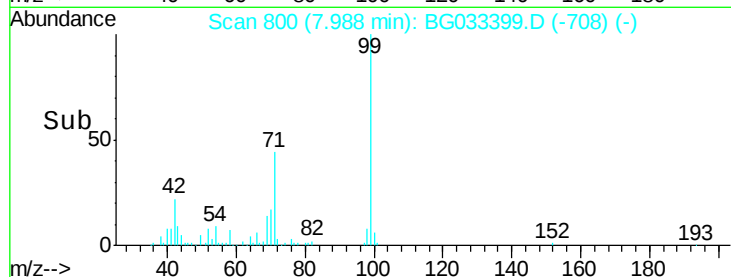
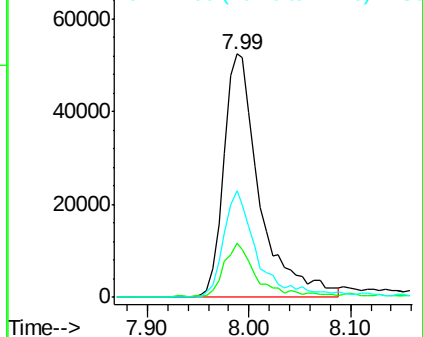
99 100

42 22.2 14.1 21.1#

71 43.8 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033399.D

Acq: 28 Mar 2018 23:21

Tgt Ion: 136 Resp: 180018

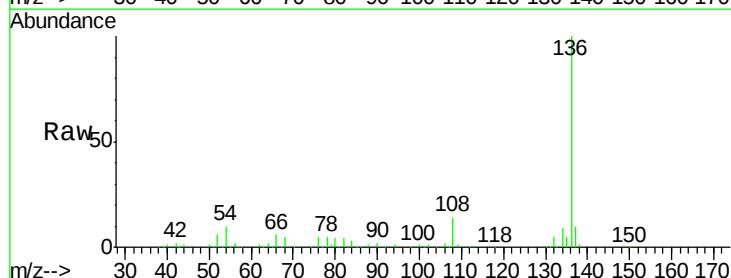
Ion Ratio Lower Upper

136 100

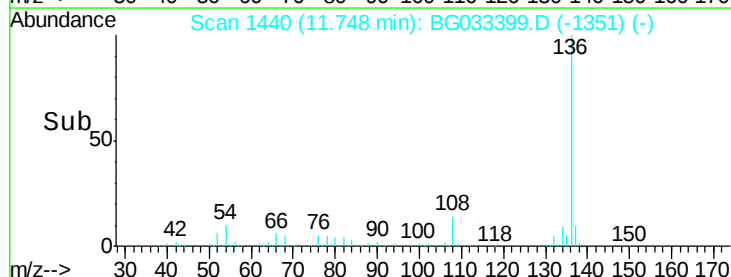
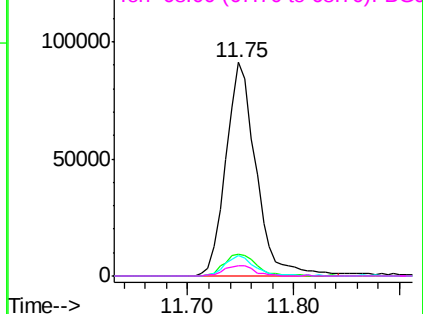
137 10.3 9.2 13.8

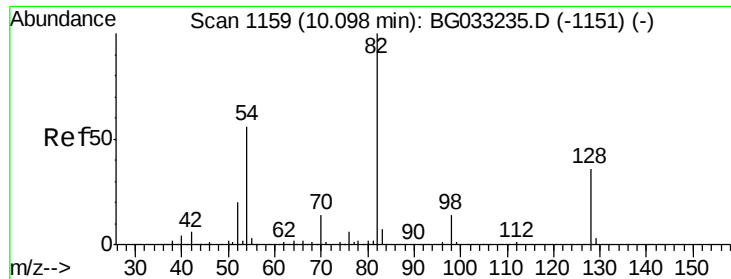
54 9.7 10.3 15.5#

68 4.8 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

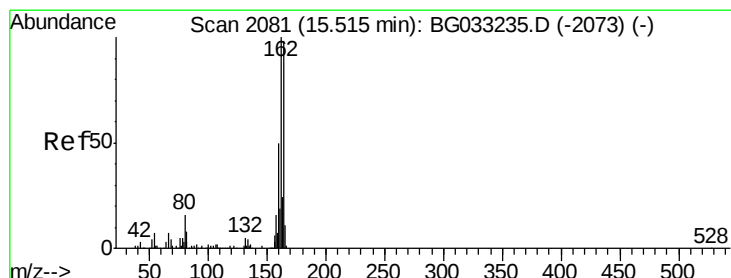
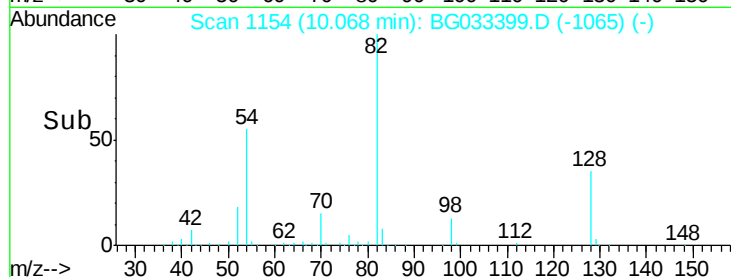
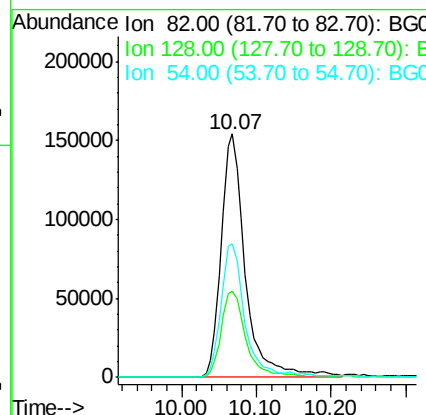
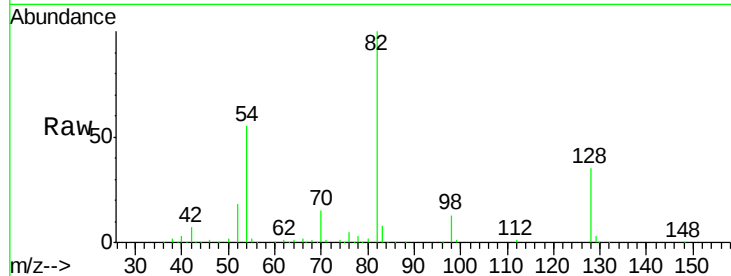




#23
 Nitrobenzene-d5
 Concen: 88.481 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033399.D
 Acq: 28 Mar 2018 23:21

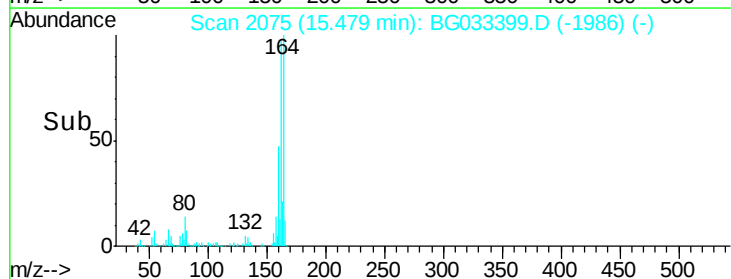
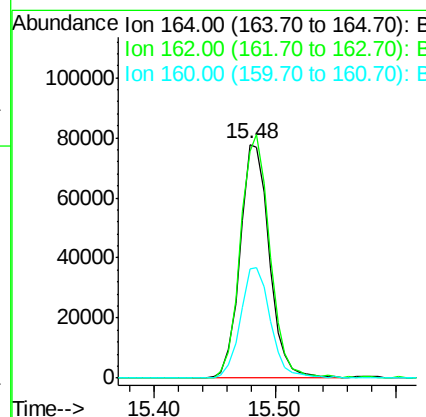
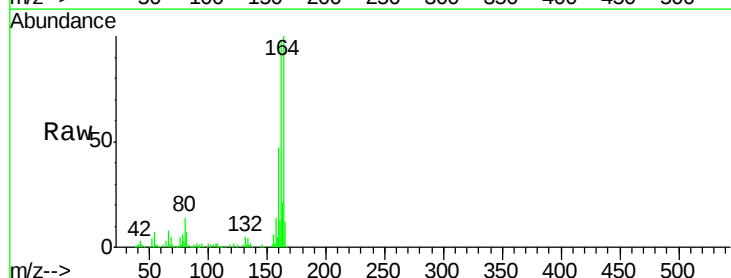
Instrument :
 BNA_G
 ClientSampleId :
 MW-9

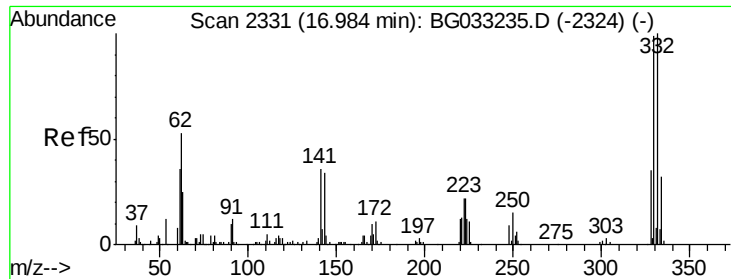
Tot Ion	82	Resp	346688
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	54.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033399.D
 Acq: 28 Mar 2018 23:21

Tgt Ion	164	Resp	132055
Ion Ratio	Lower	Upper	
164	100		
162	97.5	78.8	118.2
160	46.6	35.4	53.0

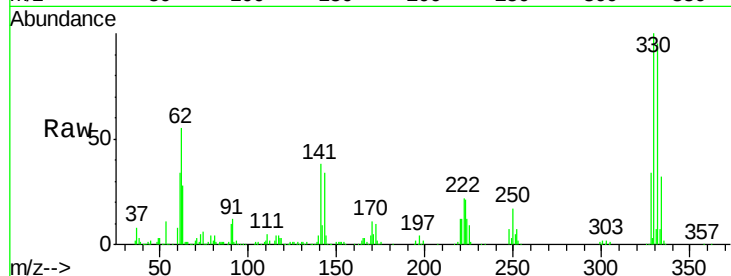




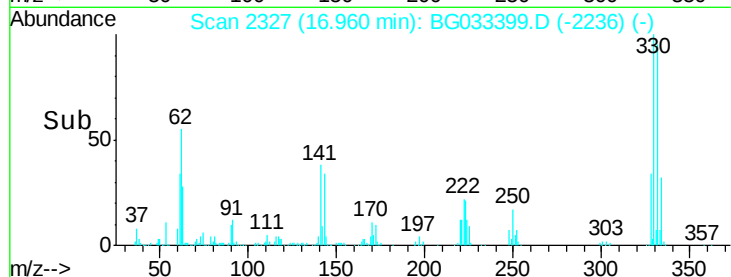
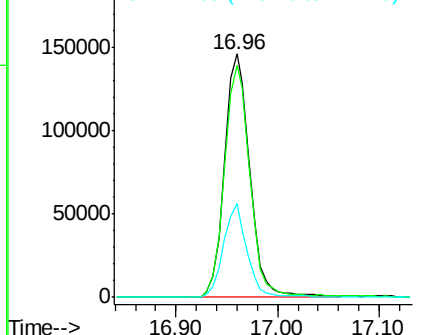
#41
 2,4,6-Tribromophenol
 Concen: 128.179 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033399.D
 Acq: 28 Mar 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.9	25.2	37.8

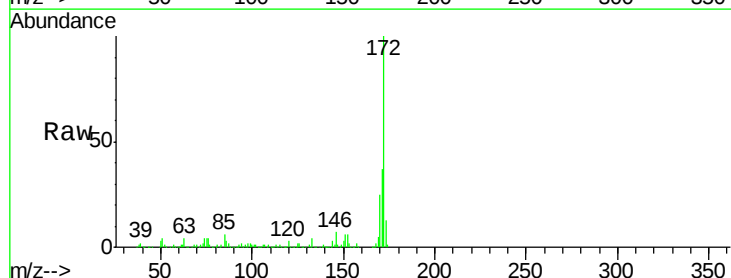


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

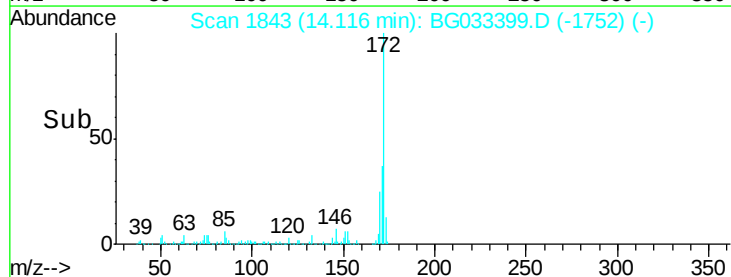
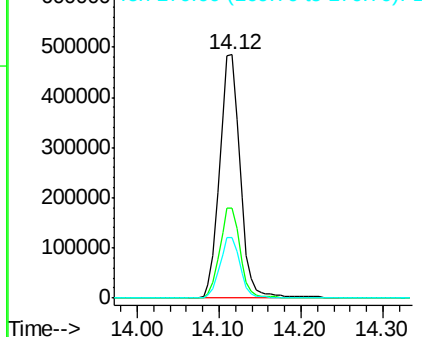


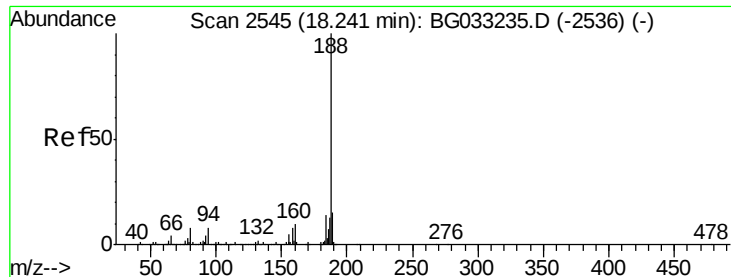
#44
 2-Fluorobiphenyl
 Concen: 93.516 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BG033399.D
 Acq: 28 Mar 2018 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.9	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

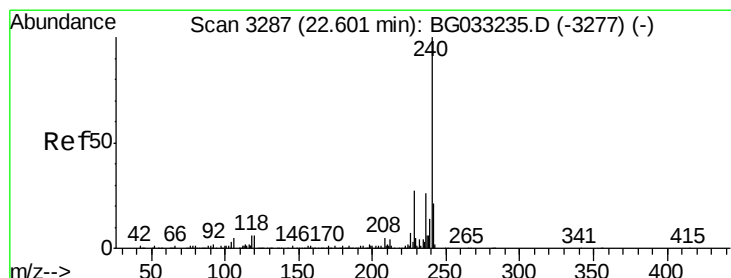
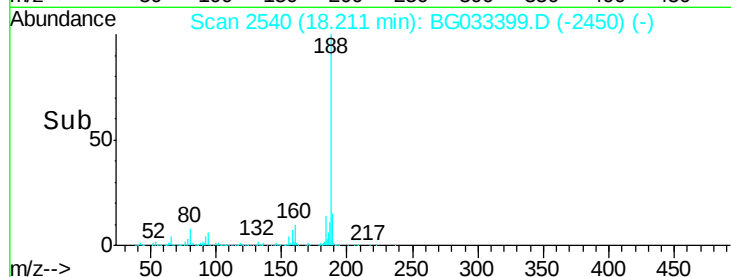
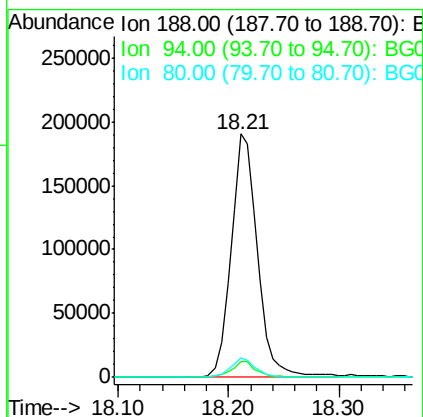
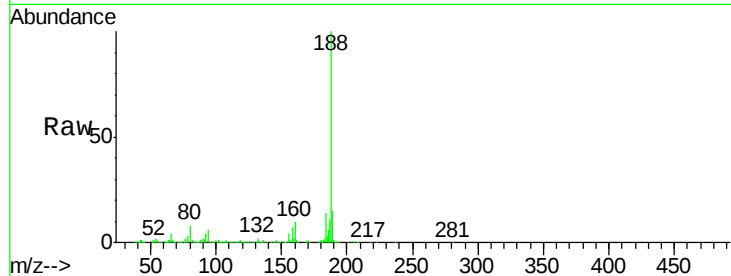




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033399.D
Acq: 28 Mar 2018 23:21

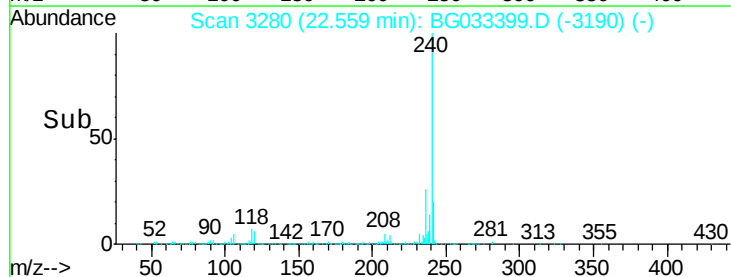
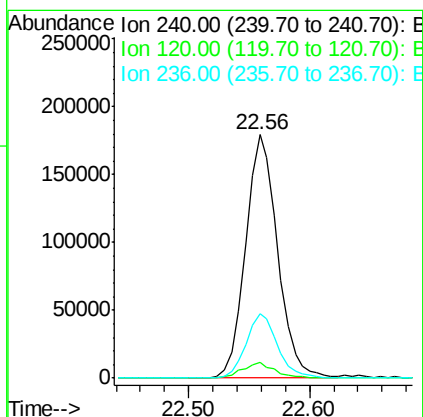
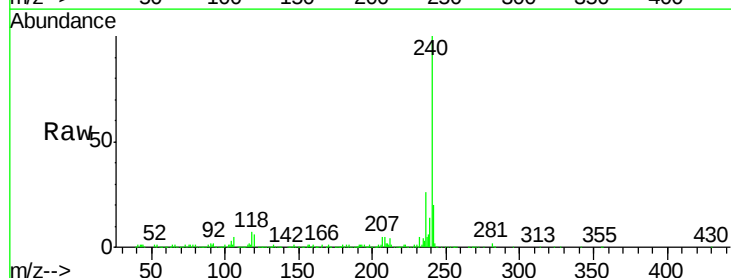
Instrument :
BNA_G
ClientSampled :
MW-9

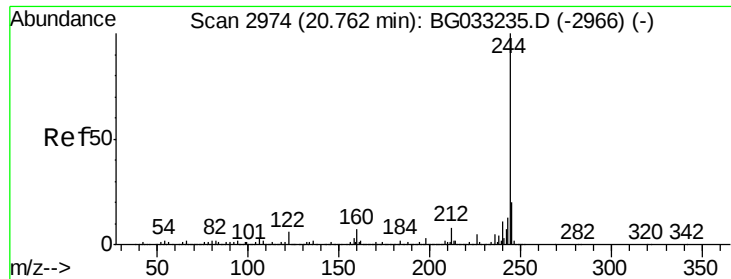
Tot Ion:188 Resp: 319082
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033399.D
Acq: 28 Mar 2018 23:21

Tgt Ion:240 Resp: 331296
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 88.189 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033399.D

Acq: 28 Mar 2018 23:21

Instrument :

BNA_G

ClientSampleId :

MW-9

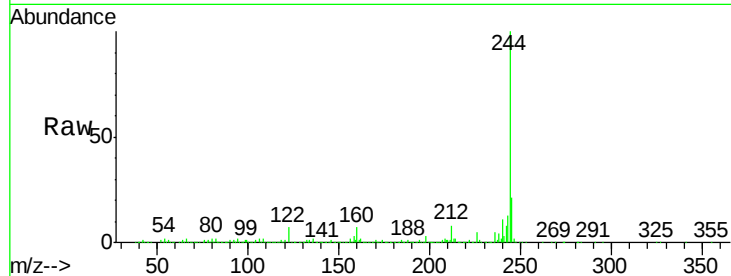
Tot Ion:244 Resp: 1366153

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

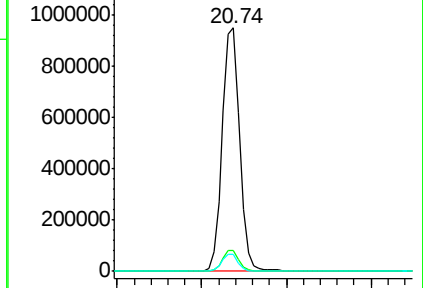
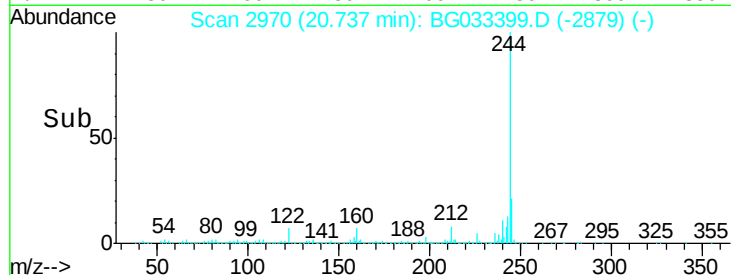
122 6.9 7.0 10.4#



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: BG033399.D

Acq: 28 Mar 2018 23:21

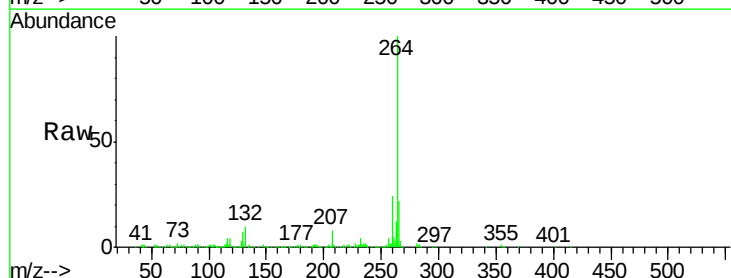
Tgt Ion:264 Resp: 353063

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.5 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

