

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031960.D
 Acq On : 9 Jan 2018 23:56
 Operator : SJ/JU
 Sample : J1038-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jan 10 02:00:17 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	62977	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	267785	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	187410	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	442803	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	489311	20.00	ng	-0.04
86) Perylene-d12	26.21	264	505325	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	88604	25.63	ng	0.00
7) Phenol-d6	7.88	99	159324	35.49	ng	-0.01
23) Nitrobenzene-d5	9.98	82	360831	101.75	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	163016	57.01	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1261942	84.52	ng	-0.01
78) Terphenyl-d14	20.67	244	1980988	92.49	ng	-0.02

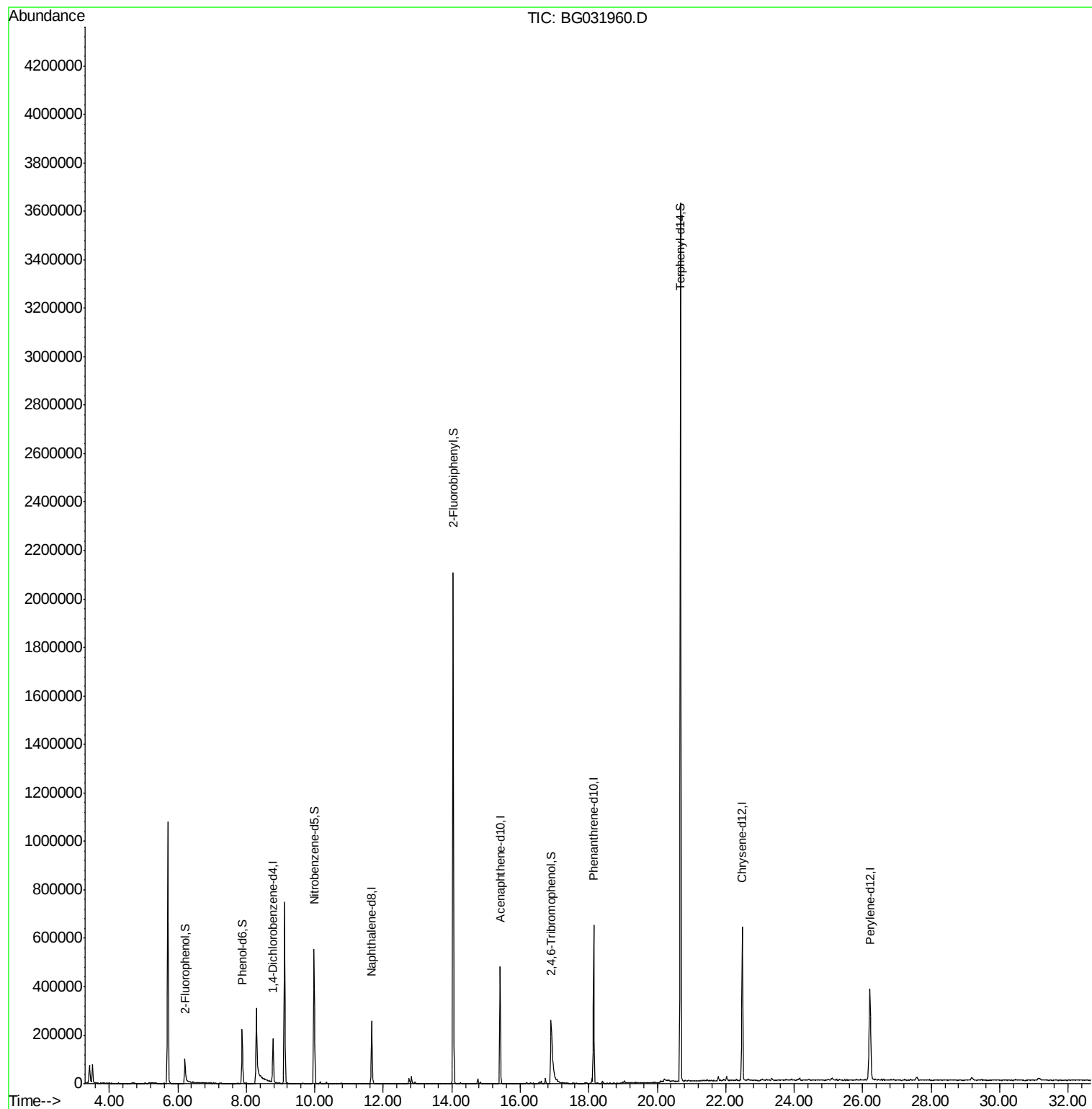
Target Compounds	Qvalue
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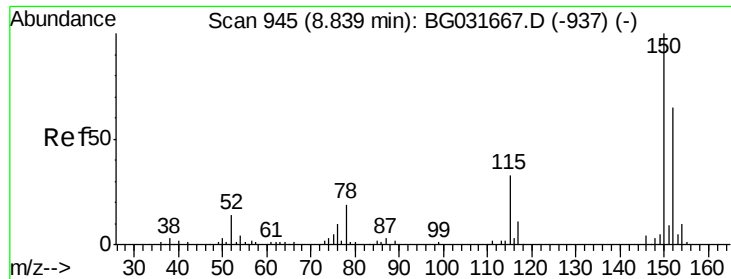
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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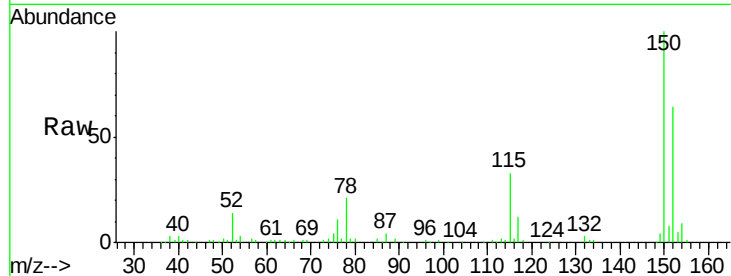


#1

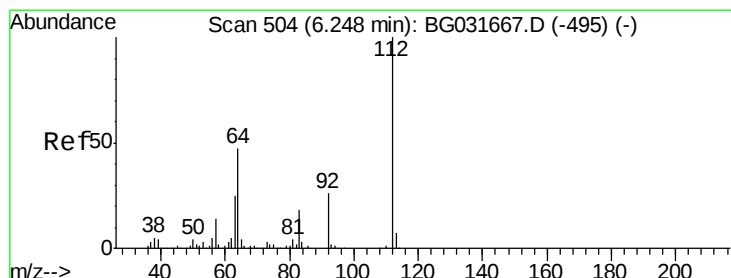
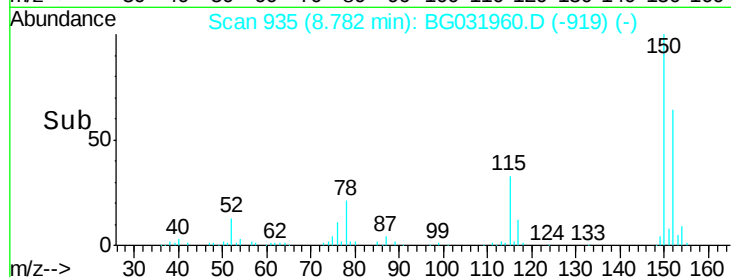
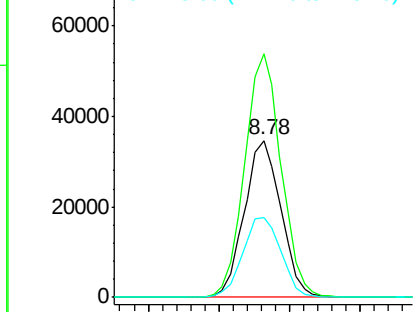
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 62977
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 50.9 53.0 79.4#



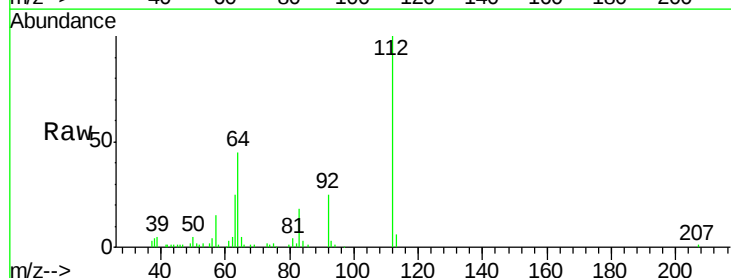
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



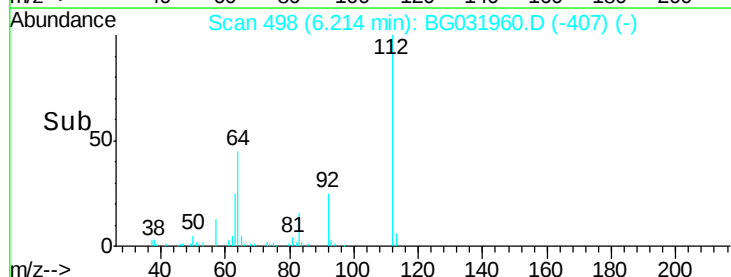
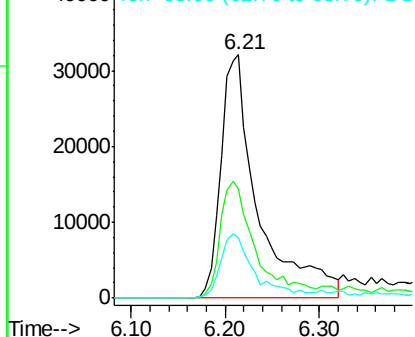
#5

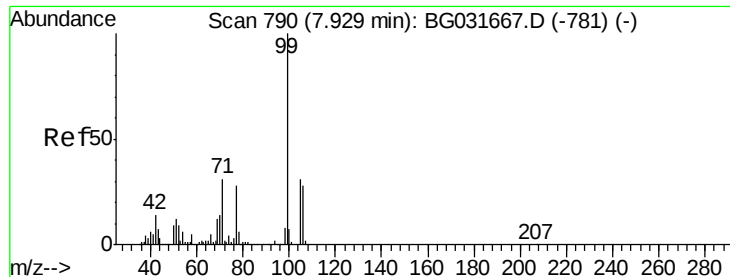
2-Fluorophenol
Concen: 25.626 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Tgt Ion:112 Resp: 88604
Ion Ratio Lower Upper
112 100
64 44.8 56.3 84.5#
63 25.1 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: 35.491 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

MW-2

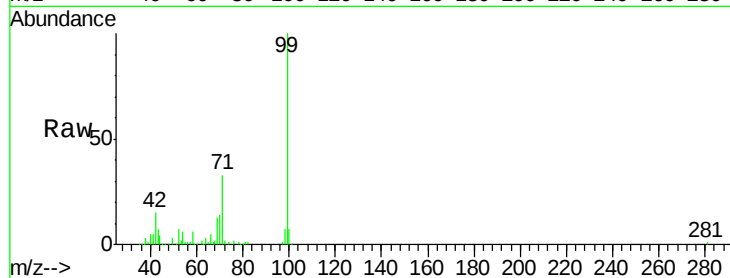
Tgt Ion: 99 Resp: 159324

Ion Ratio Lower Upper

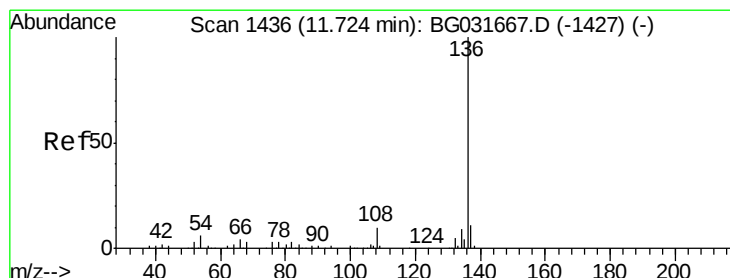
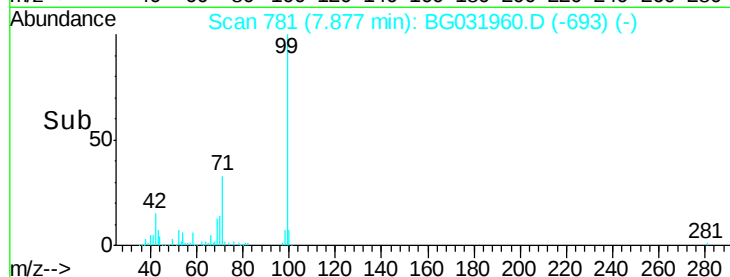
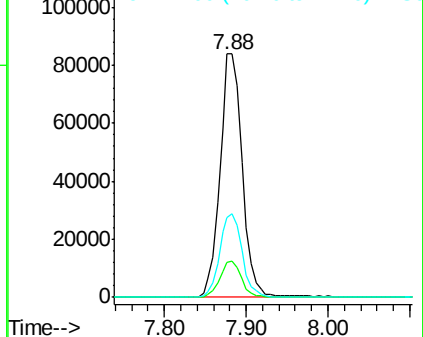
99 100

42 14.6 14.1 21.1

71 32.9 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Tgt Ion: 136 Resp: 267785

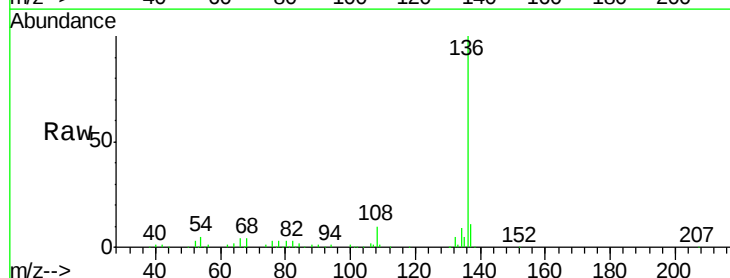
Ion Ratio Lower Upper

136 100

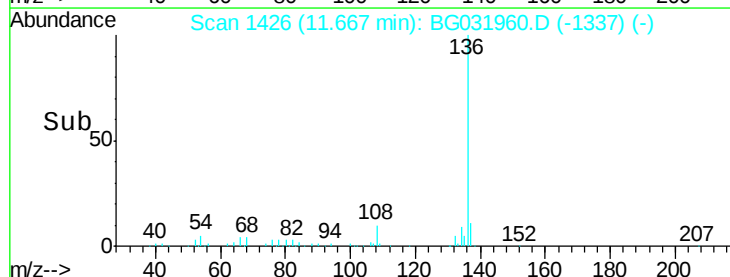
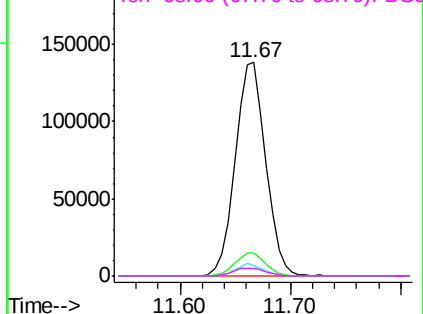
137 10.5 9.2 13.8

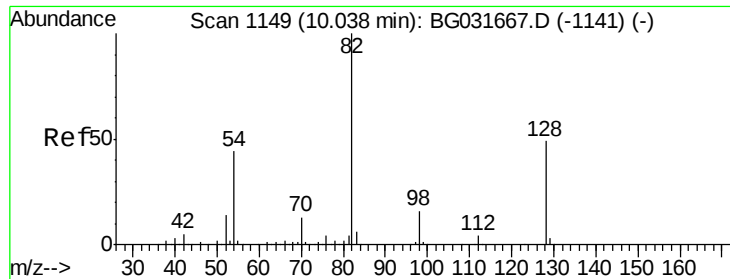
54 5.1 10.3 15.5#

68 3.7 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

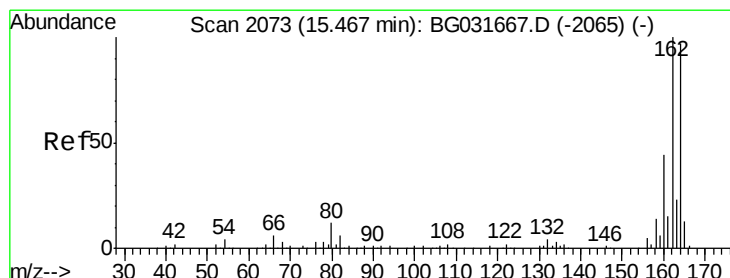
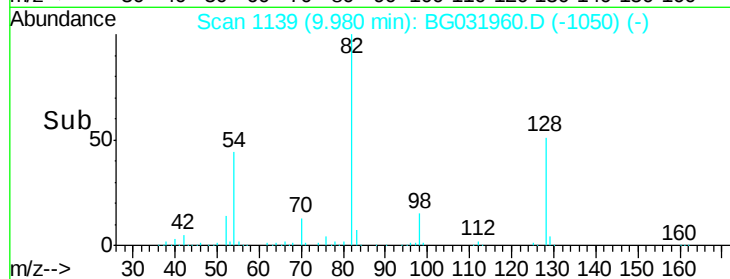
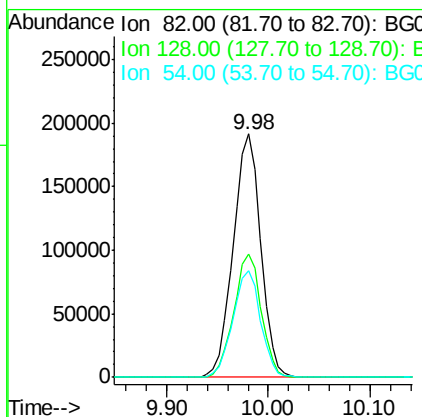
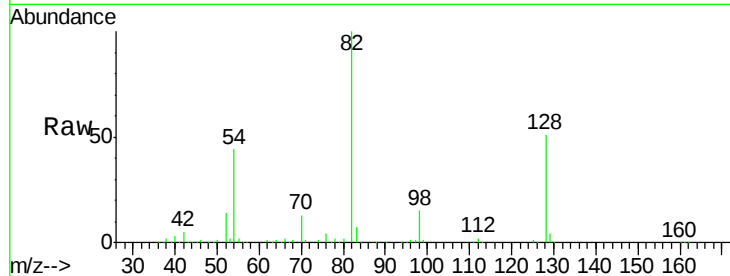




#23
 Nitrobenzene-d5
 Concen: 101.750 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

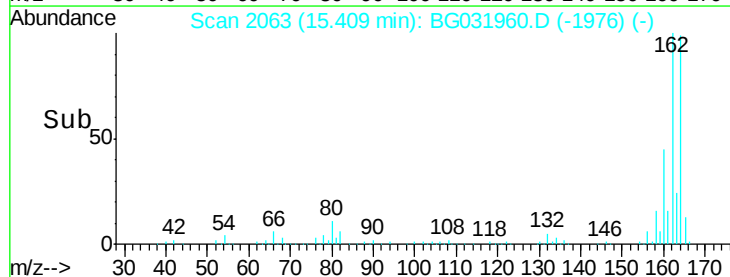
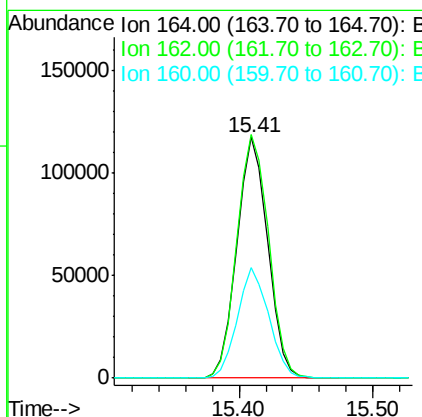
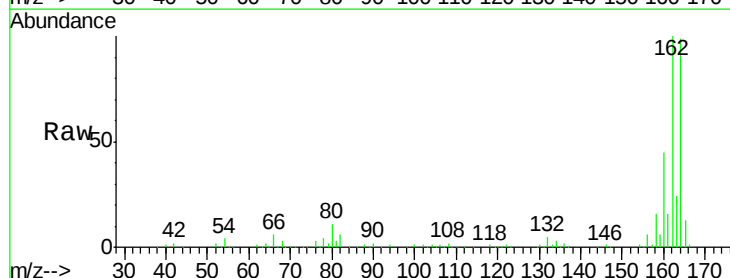
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

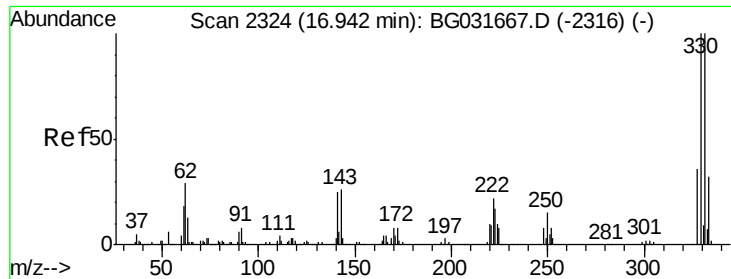
Tgt Ion: 82 Resp: 360831
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 43.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

Tgt Ion: 164 Resp: 187410
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 45.7 35.4 53.0

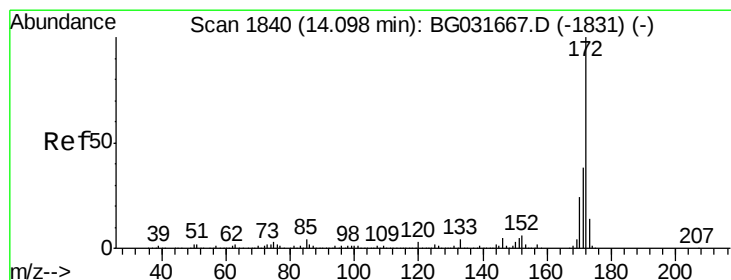
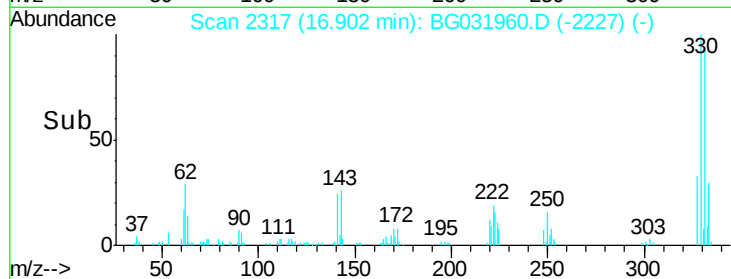
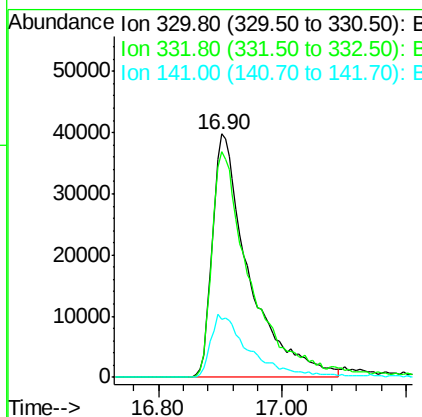
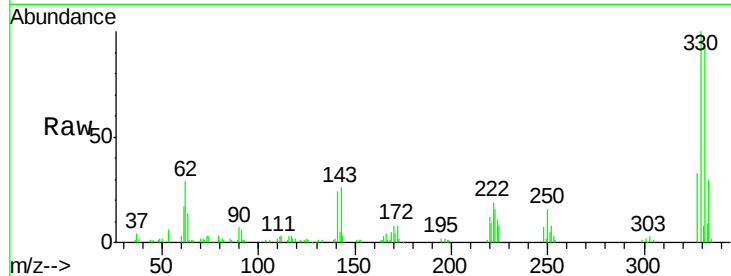




#41
 2,4,6-Tribromophenol
 Concen: 57.006 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

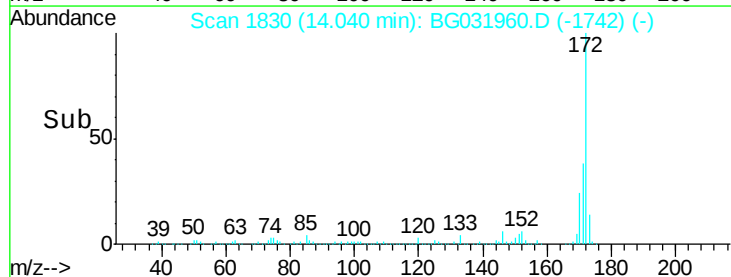
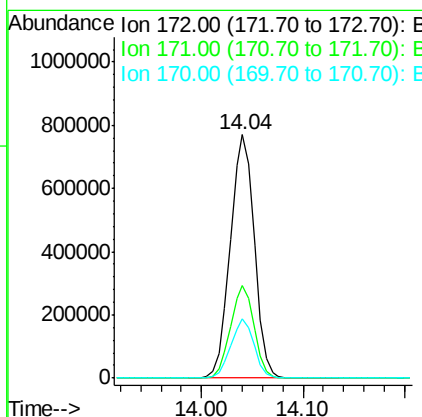
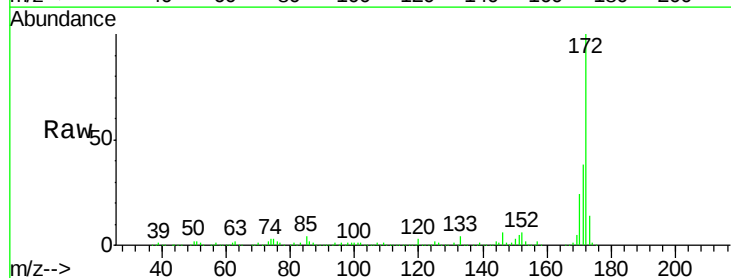
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

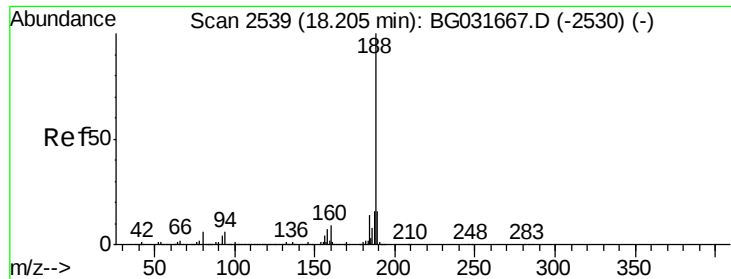
Tgt Ion:330 Resp: 163016
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 25.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 84.516 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

Tgt Ion:172 Resp: 1261942
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.3 19.5 29.3

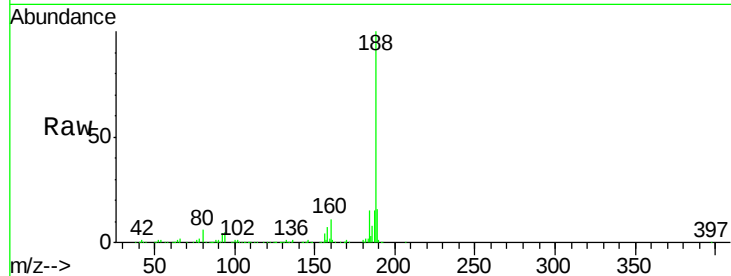




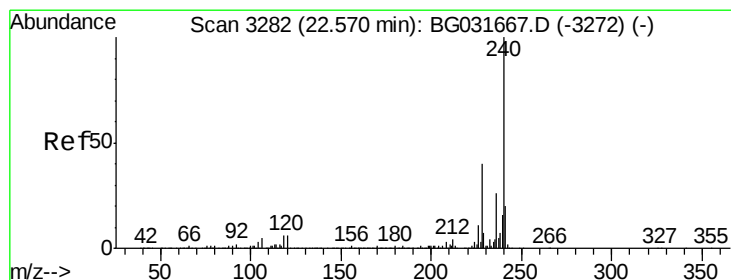
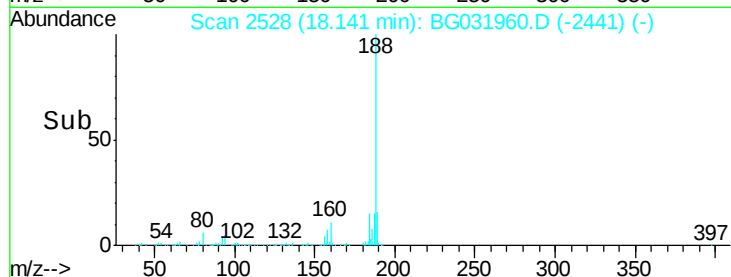
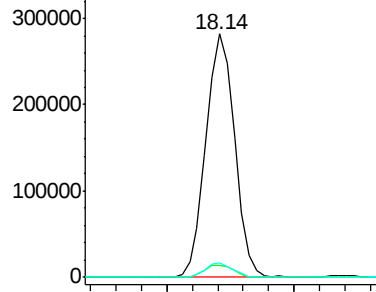
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 442803
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 6.2 7.7 11.5#

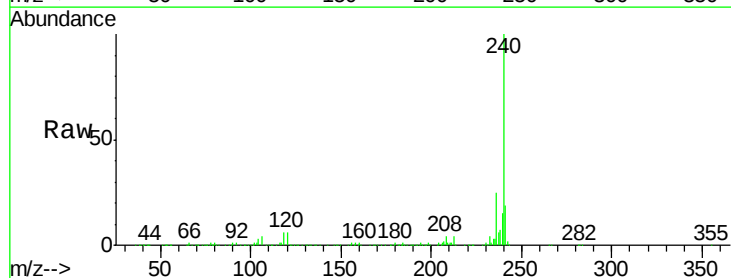


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

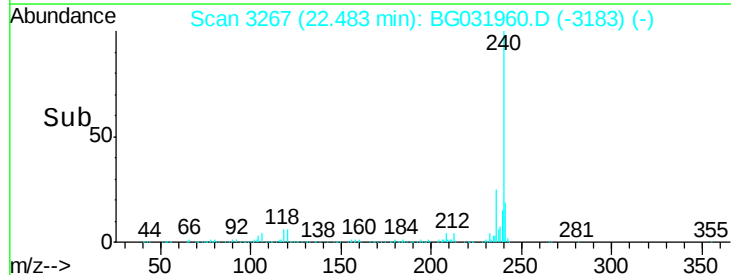
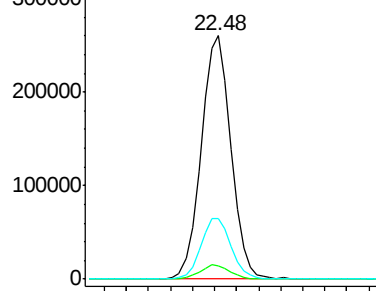


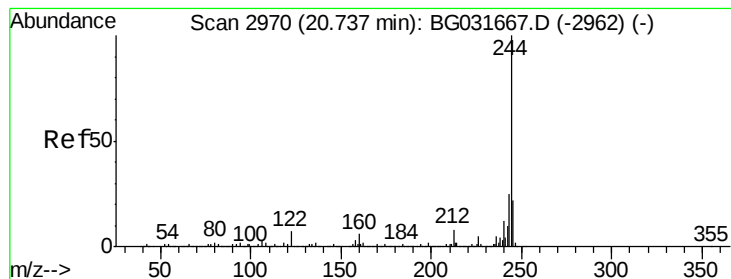
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Tgt Ion:240 Resp: 489311
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.1 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: 92.495 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

MW-2

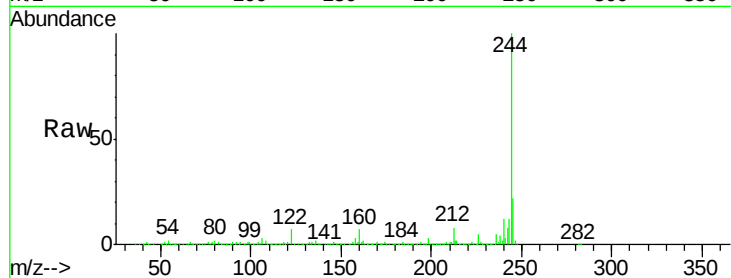
Tgt Ion:244 Resp: 1980988

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

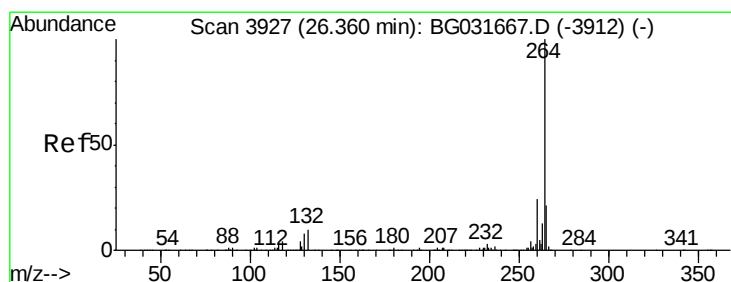
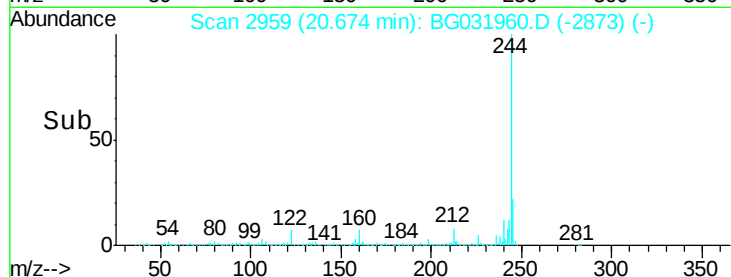
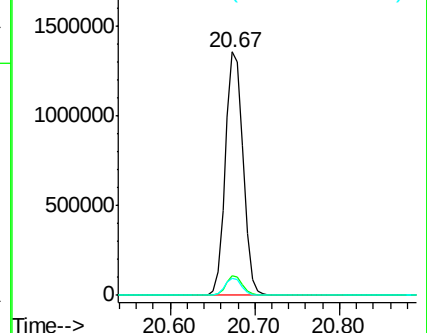
122 7.2 7.0 10.4



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: 26.21 min Scan# 3901

Delta R.T. -0.09 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

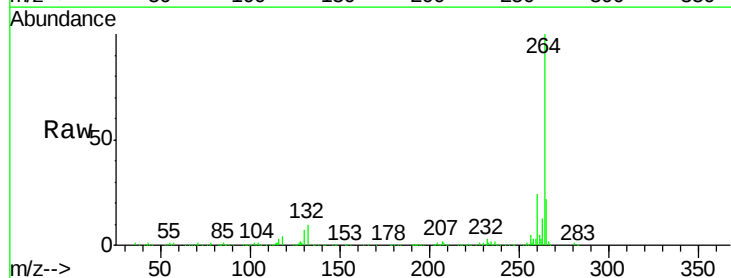
Tgt Ion:264 Resp: 505325

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.1 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

