

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120715\
 Data File : BG019997.D
 Acq On : 8 Dec 2015 1:25
 Operator : UM/NP
 Sample : G4676-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17

Quant Time: Dec 08 04:45:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17181	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	75999	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53212	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	134657	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	162401	20.00	ng	-0.04
86) Perylene-d12	25.04	264	155348	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	58638	61.68	ng	-0.01
7) Phenol-d6	7.26	99	51900	36.16	ng	-0.02
23) Nitrobenzene-d5	9.28	82	137359	92.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	103400	127.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	333253	85.51	ng	-0.02
78) Terphenyl-d14	20.08	244	587279	88.21	ng	-0.03

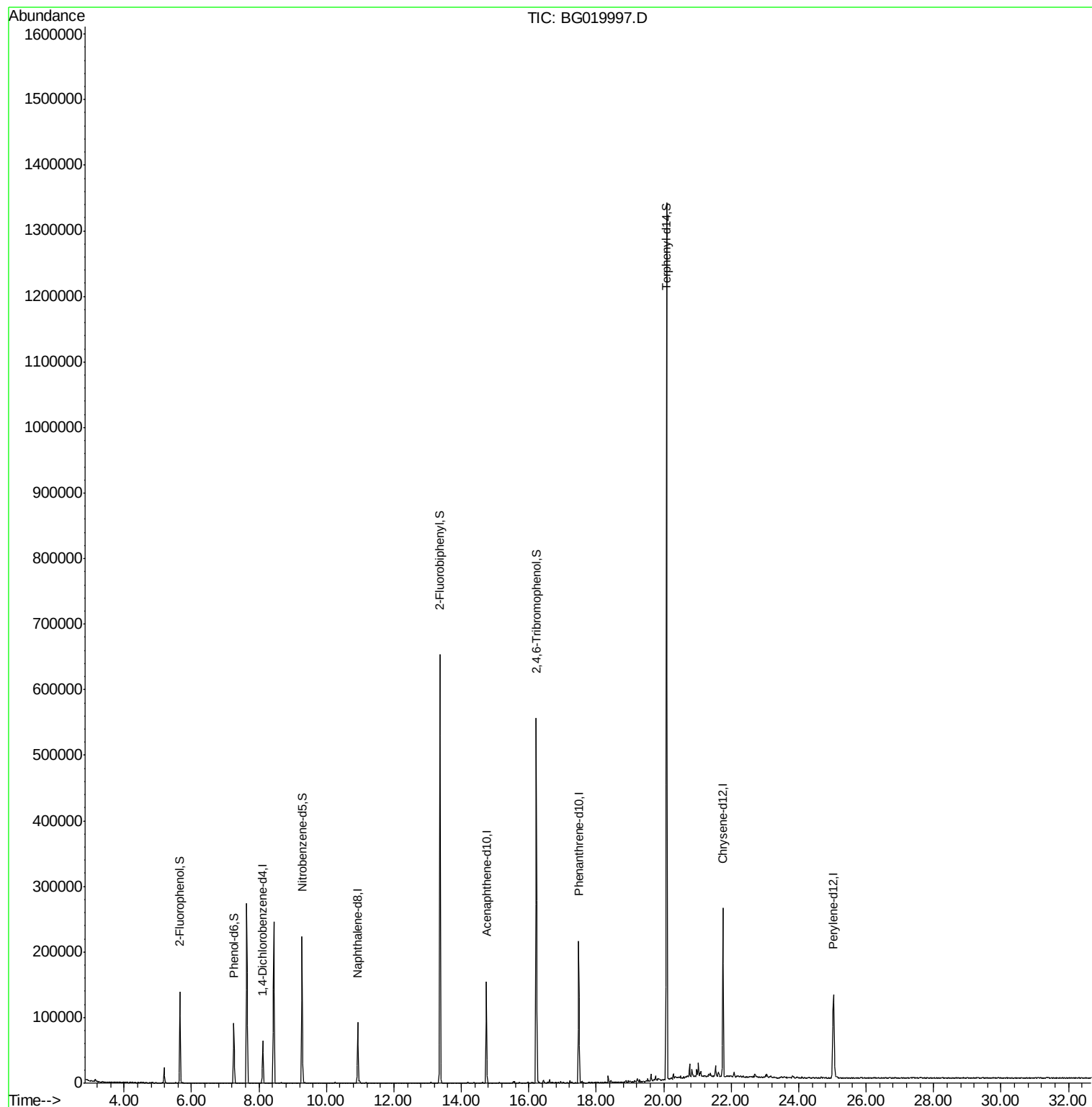
Target Compounds	Qvalue
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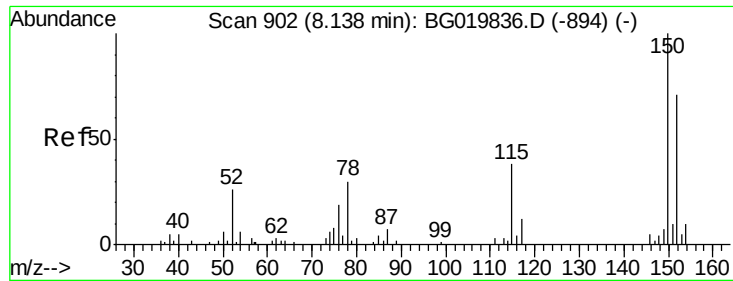
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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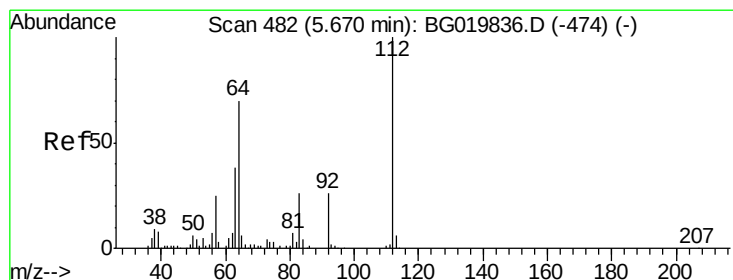
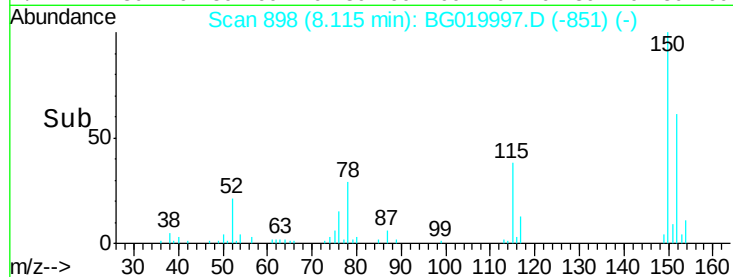
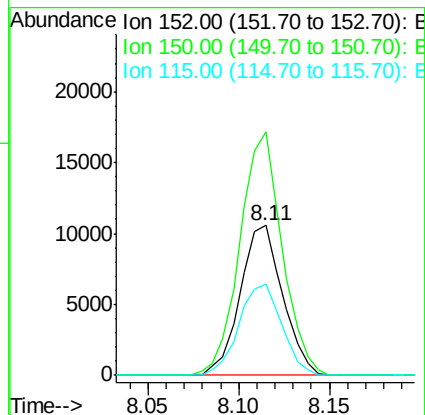
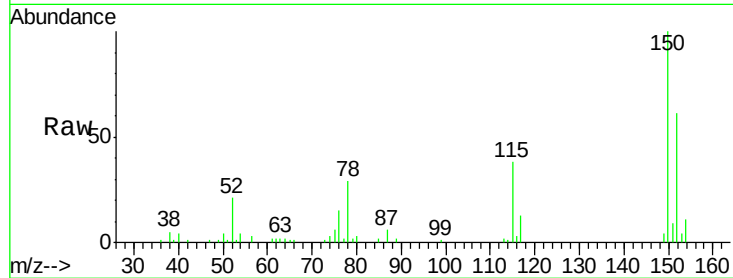


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

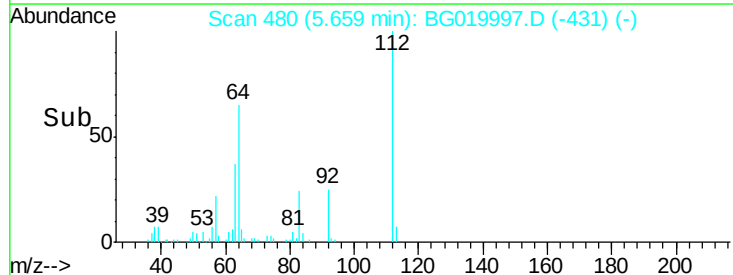
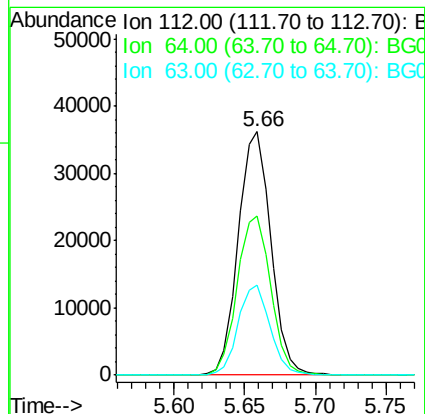
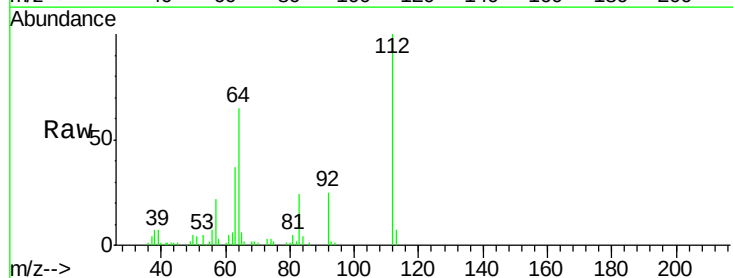
Tgt Ion:152 Resp: 17181
Ion Ratio Lower Upper
152 100
150 162.6 115.0 172.4
115 61.1 43.9 65.9

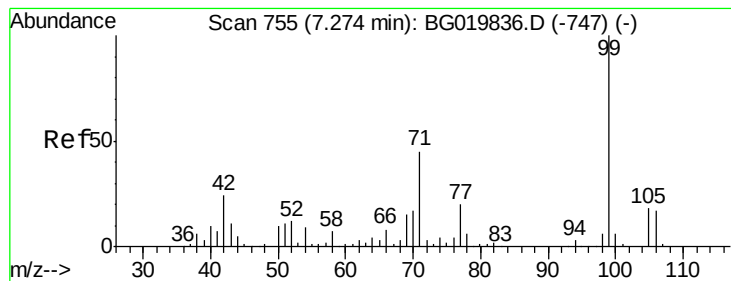


#5

2-Fluorophenol
Concen: 61.68 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:112 Resp: 58638
Ion Ratio Lower Upper
112 100
64 65.3 43.7 65.5
63 37.0 24.0 36.0#





#7

Phenol-d6

Concen: 36.16 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019997.D

Acq: 8 Dec 2015 1:25

Instrument :

BNA_G

ClientSampleId :

MW-17

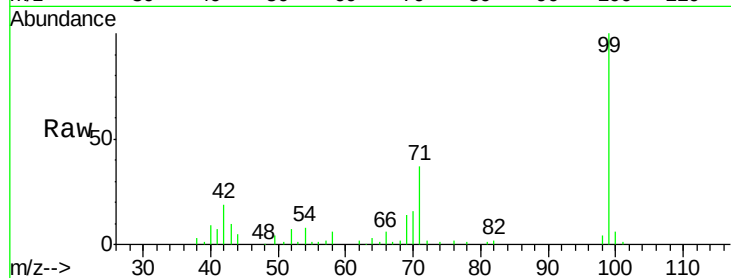
Tgt Ion: 99 Resp: 51900

Ion Ratio Lower Upper

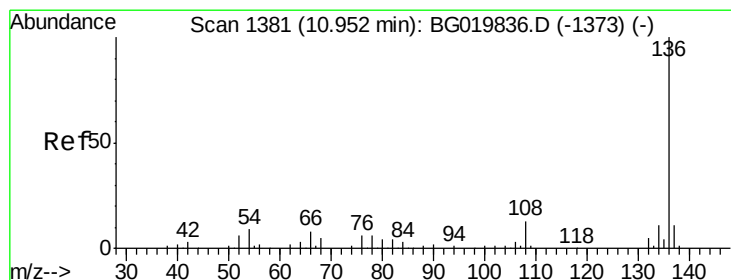
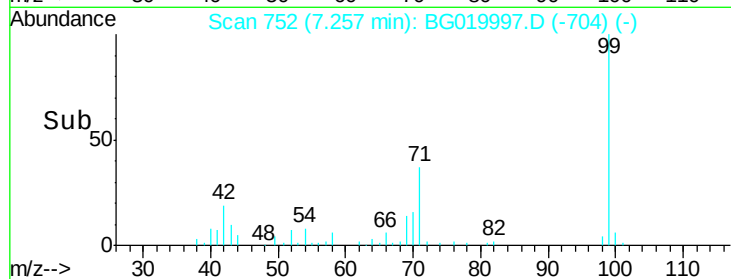
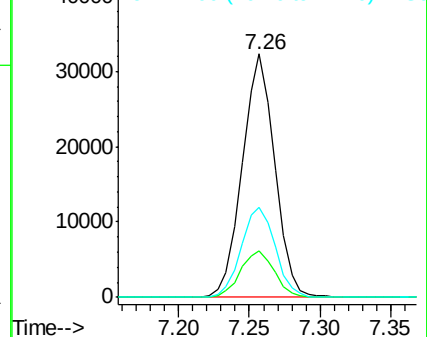
99 100

42 19.0 11.5 17.3#

71 37.0 22.6 34.0#



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: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019997.D

Acq: 8 Dec 2015 1:25

Tgt Ion: 136 Resp: 75999

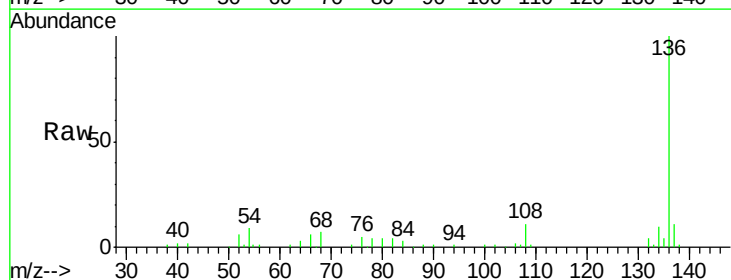
Ion Ratio Lower Upper

136 100

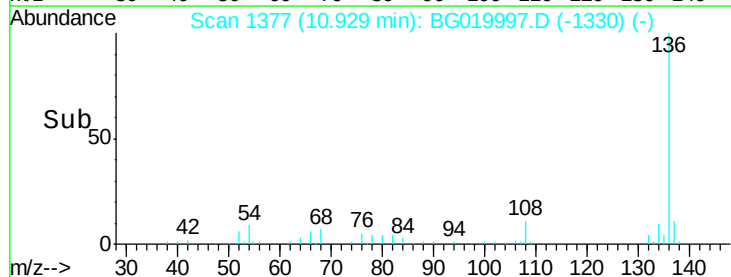
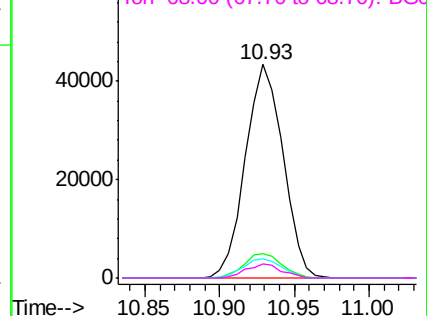
137 11.3 8.6 12.8

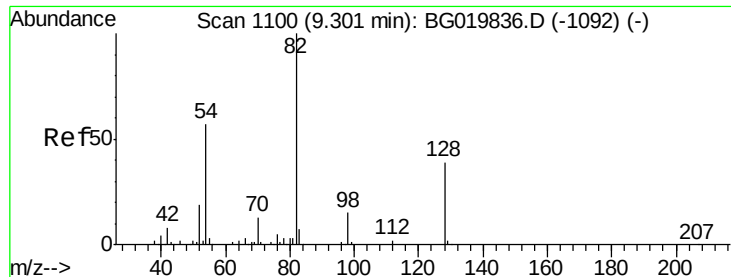
54 8.8 5.4 8.2#

68 6.8 5.3 7.9



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

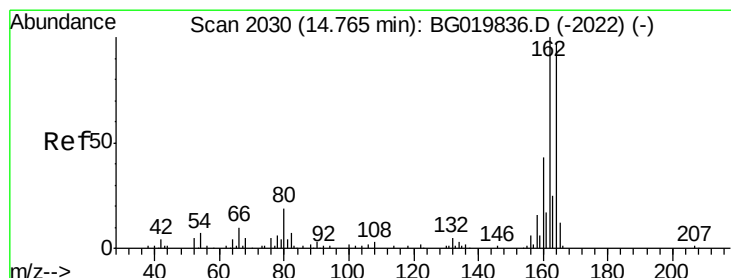
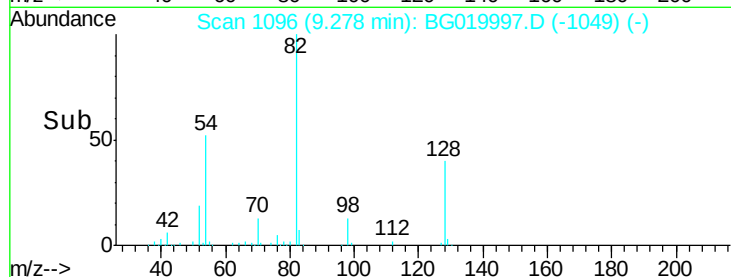
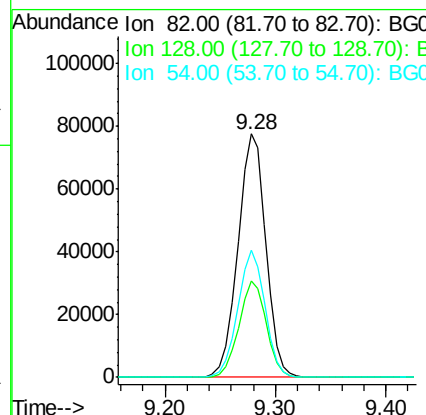
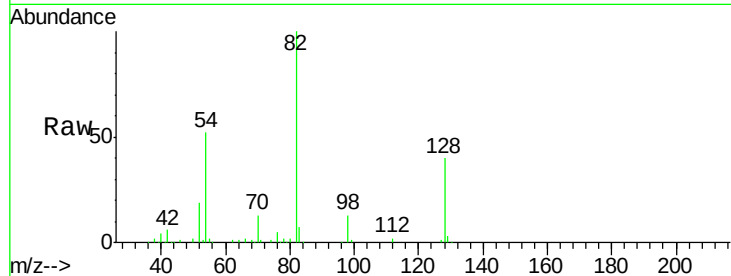




#23
 Nitrobenzene-d5
 Concen: 92.24 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019997.D
 Acq: 8 Dec 2015 1:25

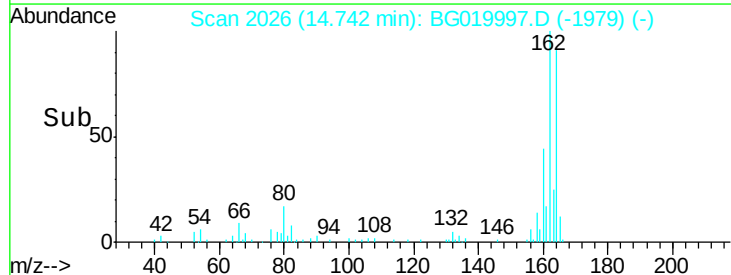
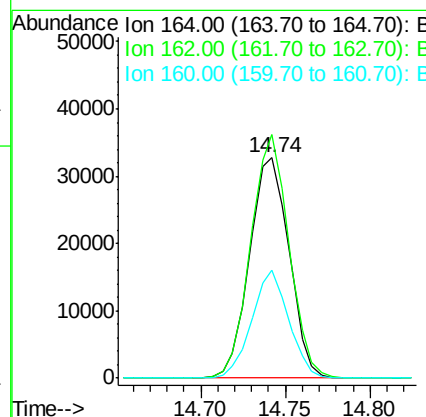
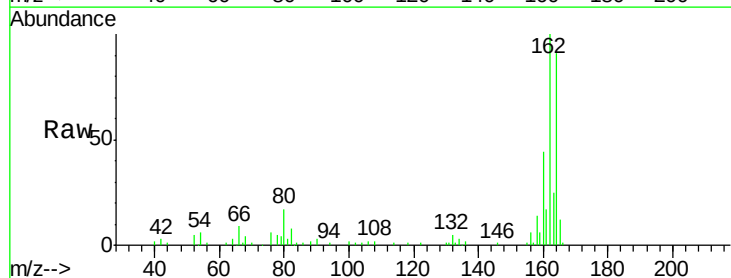
Instrument :
 BNA_G
 ClientSampled :
 MW-17

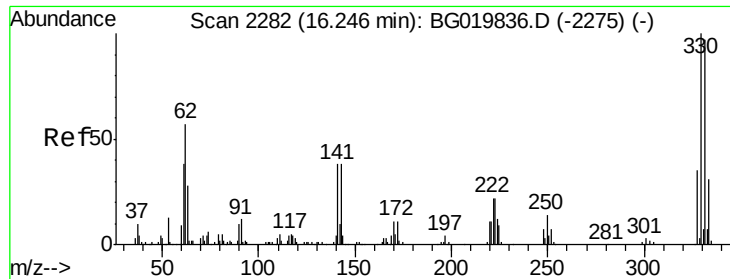
Tgt Ion: 82 Resp: 137359
 Ion Ratio Lower Upper
 82 100
 128 39.8 36.7 55.1
 54 52.1 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019997.D
 Acq: 8 Dec 2015 1:25

Tgt Ion: 164 Resp: 53212
 Ion Ratio Lower Upper
 164 100
 162 110.5 78.8 118.2
 160 48.9 36.4 54.6

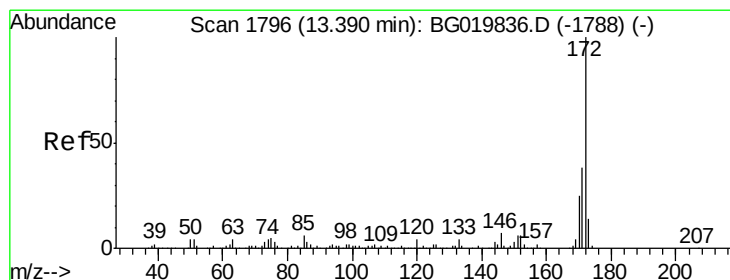
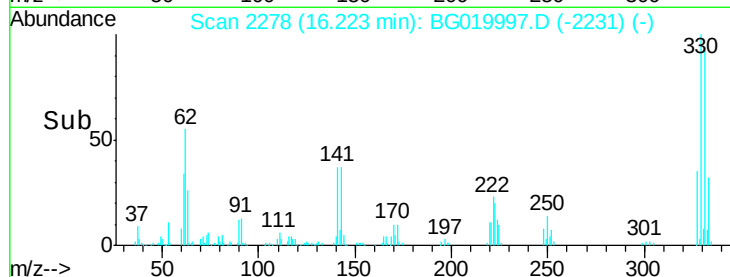
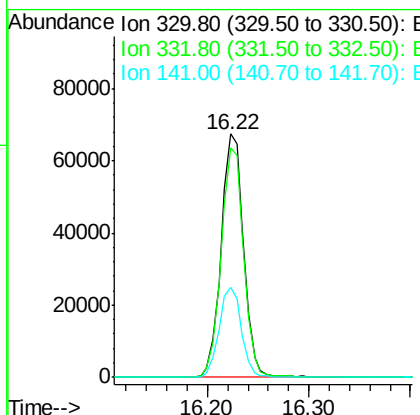
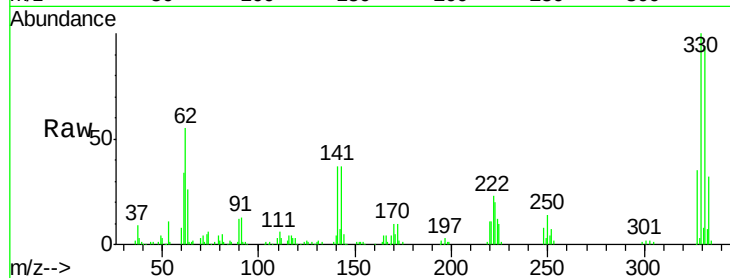




#41
 2,4,6-Tribromophenol
 Concen: 127.00 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019997.D
 Acq: 8 Dec 2015 1:25

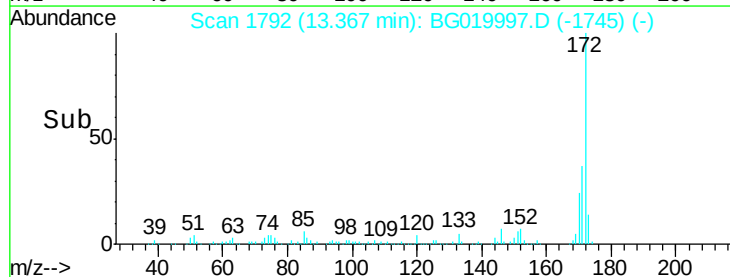
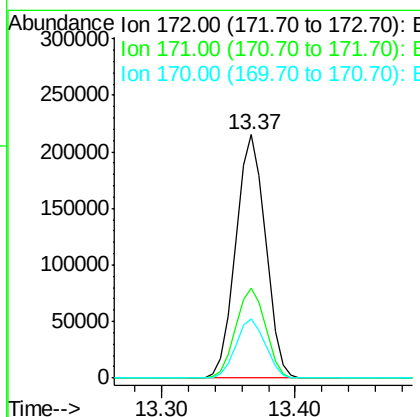
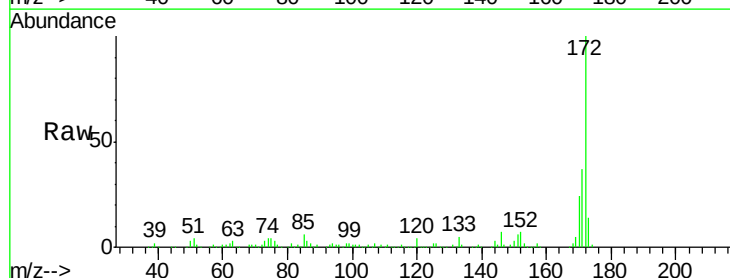
Instrument :
 BNA_G
 ClientSampleId :
 MW-17

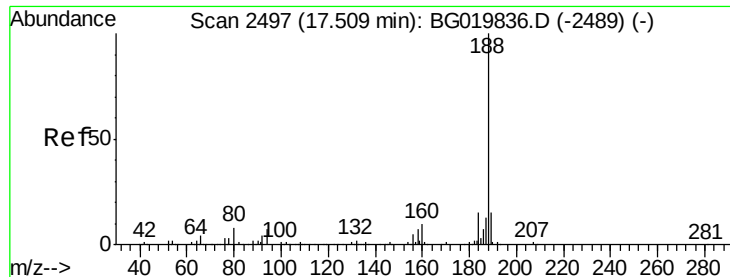
Tgt Ion: 330 Resp: 103400
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.1 117.1
 141 36.8 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019997.D
 Acq: 8 Dec 2015 1:25

Tgt Ion: 172 Resp: 333253
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.2 19.9 29.9

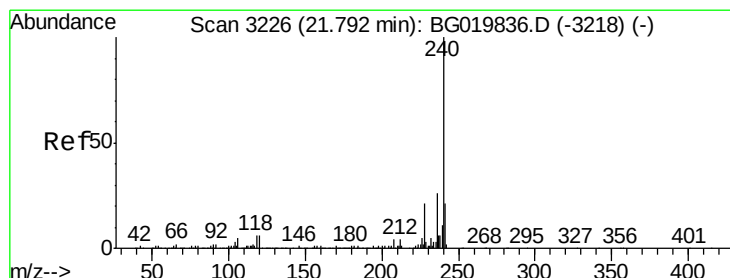
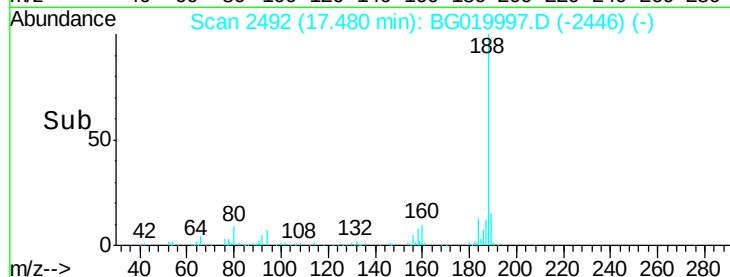
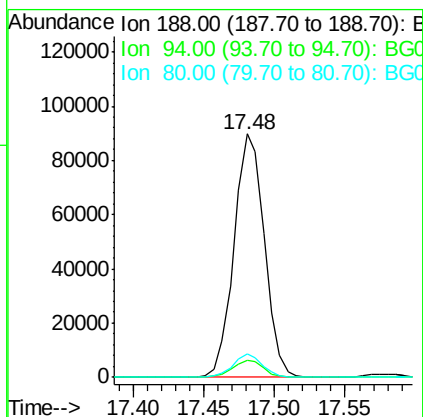
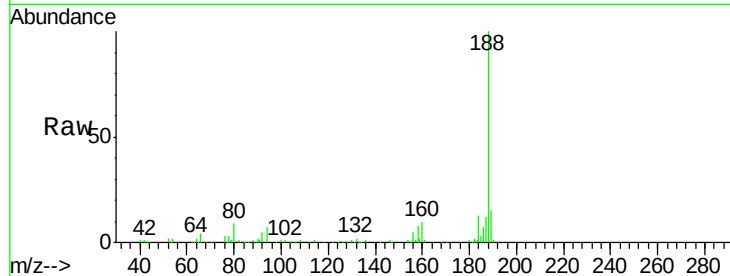




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

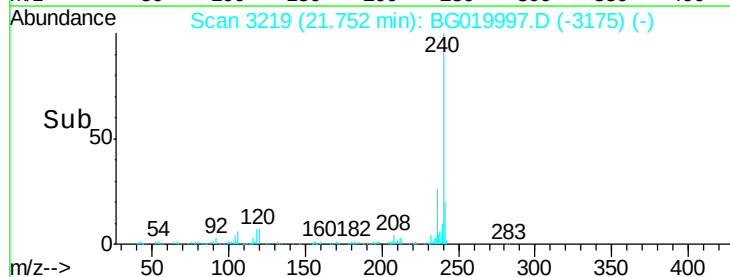
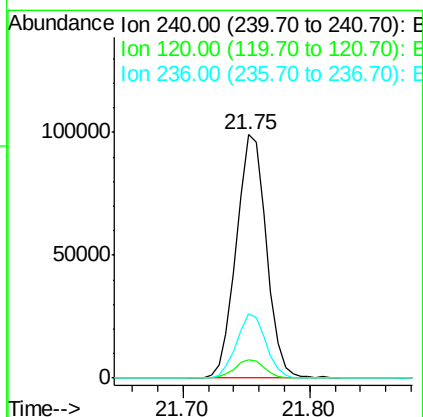
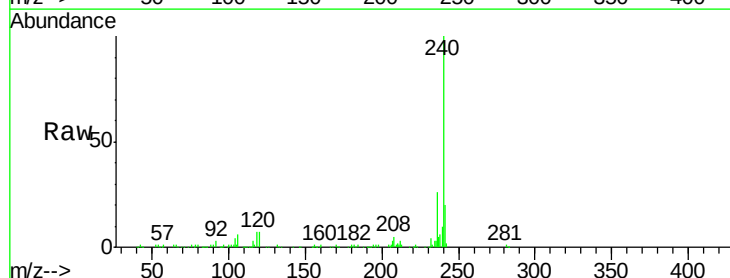
Instrument :
BNA_G
ClientSampleId :
MW-17

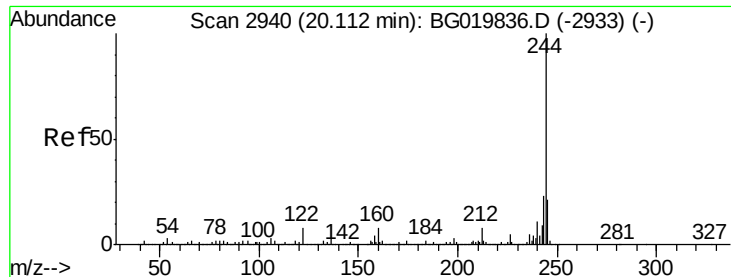
Tgt Ion:188 Resp: 134657
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 9.4 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:240 Resp: 162401
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 88.21 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019997.D

Acq: 8 Dec 2015 1:25

Instrument :

BNA_G

ClientSampleId :

MW-17

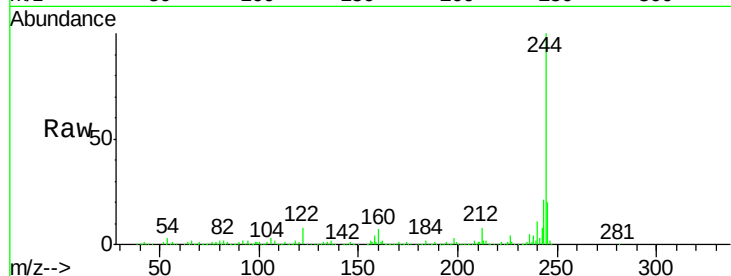
Tgt Ion:244 Resp: 587279

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

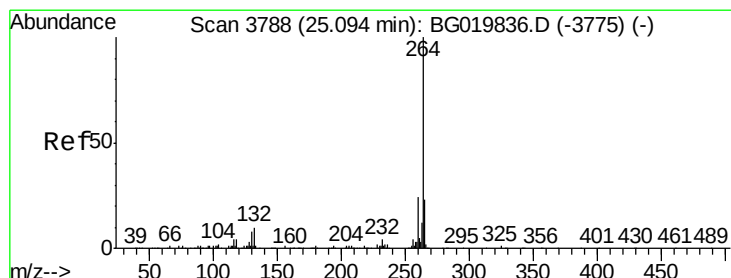
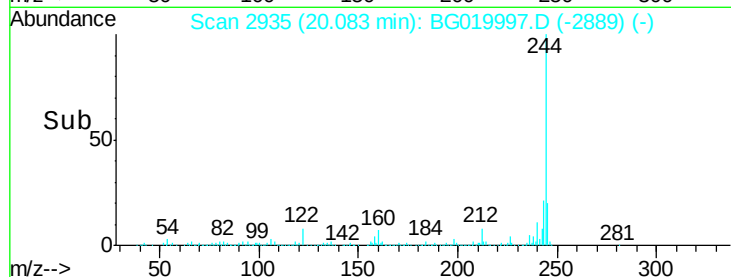
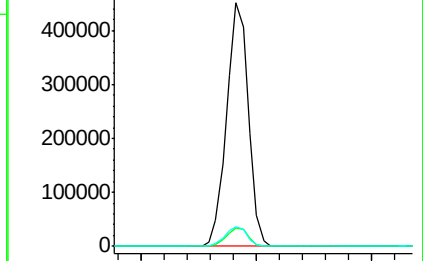
122 8.1 10.2 15.2#



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: 20.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019997.D

Acq: 8 Dec 2015 1:25

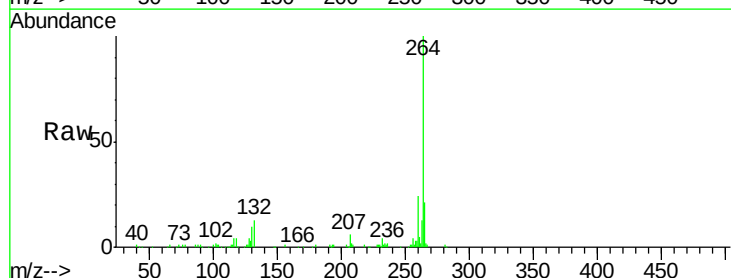
Tgt Ion:264 Resp: 155348

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 20.7 17.2 25.8



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

