

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019969.D
 Acq On : 6 Dec 2015 16:23
 Operator : UM/NP
 Sample : G4630-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Dec 07 03:20:21 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	8.12	152	32829	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140304	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	98479	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	243771	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	295648	20.00	ng	-0.04
86) Perylene-d12	25.03	264	276029	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	122464	67.42	ng	0.00
7) Phenol-d6	7.26	99	112709	41.10	ng	-0.02
23) Nitrobenzene-d5	9.28	82	270283	98.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	200069	132.78	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	649179	90.01	ng	-0.02
78) Terphenyl-d14	20.08	244	1050399	86.66	ng	-0.03

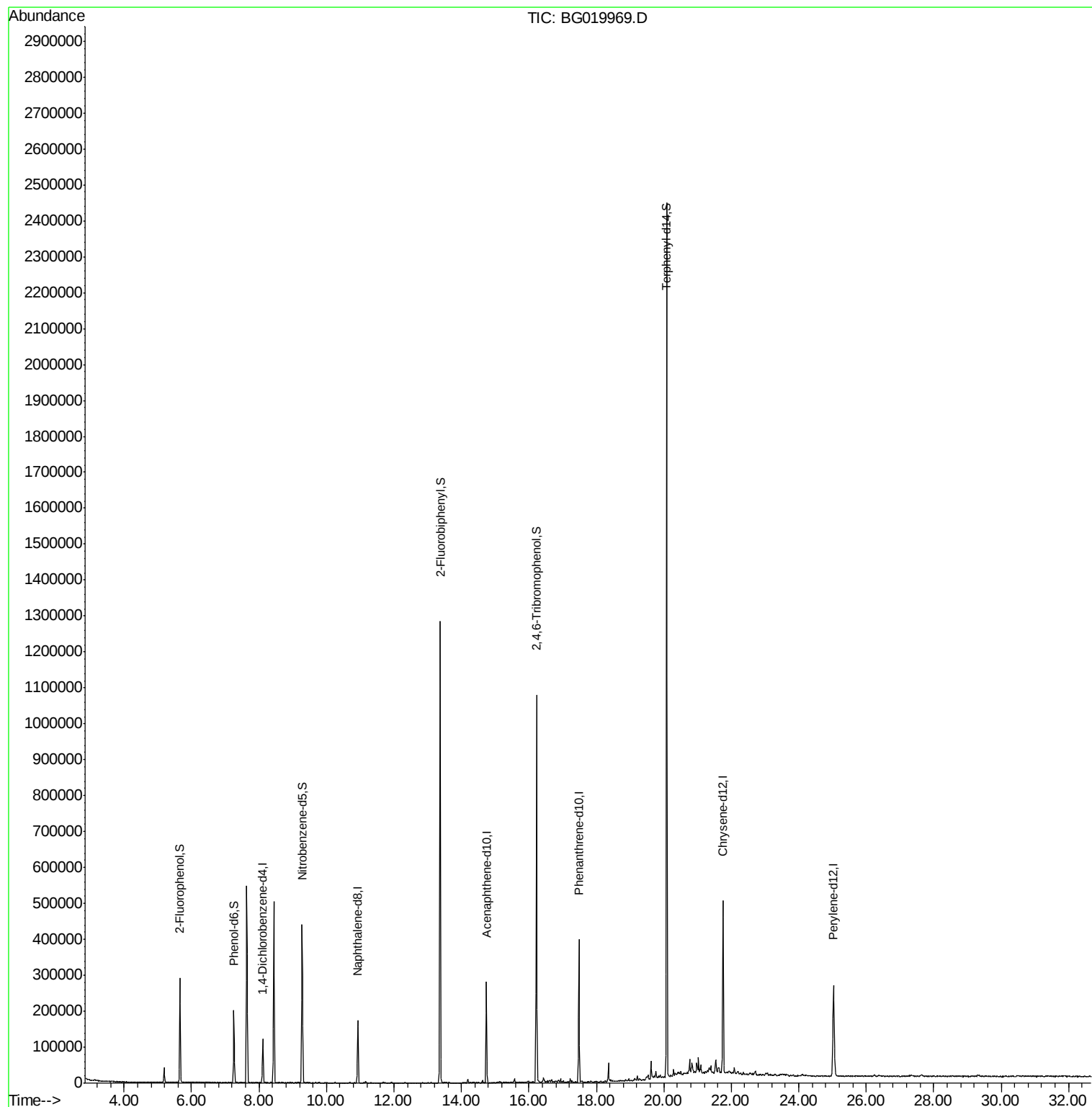
Target Compounds Qvalue

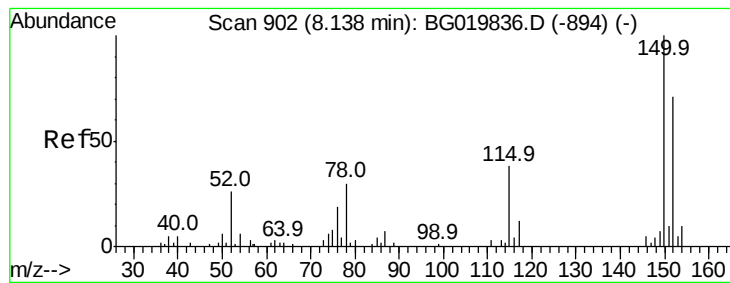
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019969.D

Acq: 6 Dec 2015 16:23

Instrument :

BNA_G

ClientSampleId :

MW-12

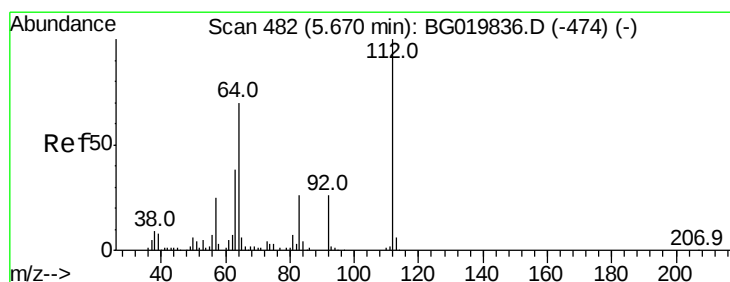
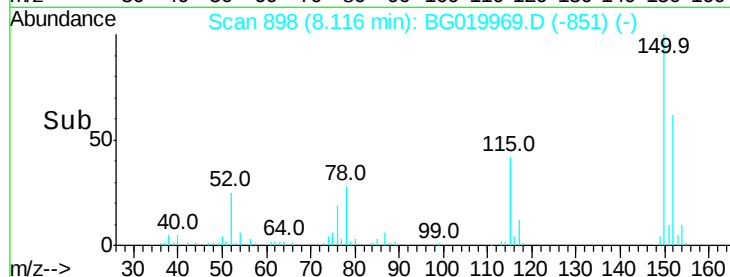
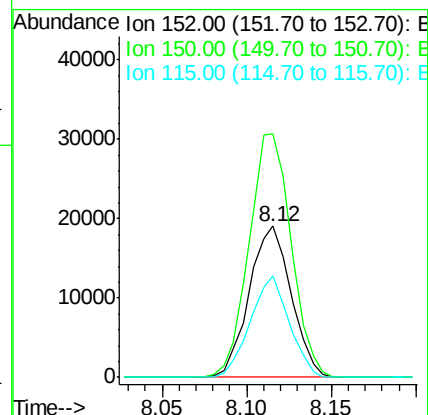
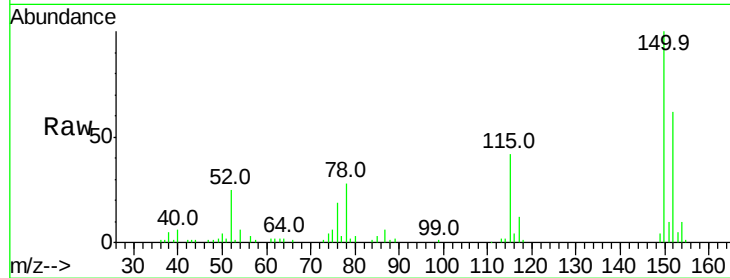
Tot Ion:152 Resp: 32829

Ion Ratio Lower Upper

152 100

150 160.9 115.0 172.4

115 67.0 43.9 65.9#



#5

2-Fluorophenol

Concen: 67.42 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019969.D

Acq: 6 Dec 2015 16:23

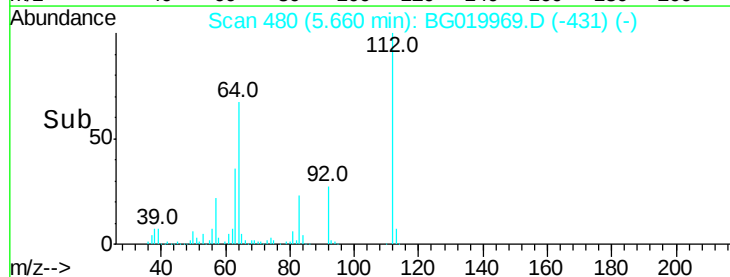
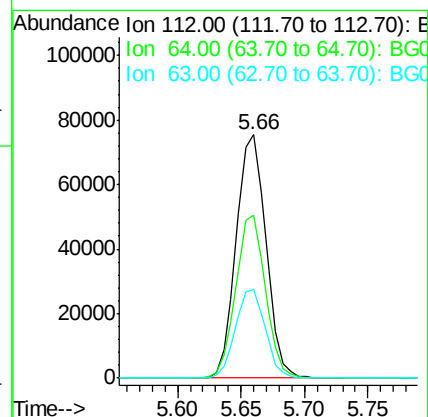
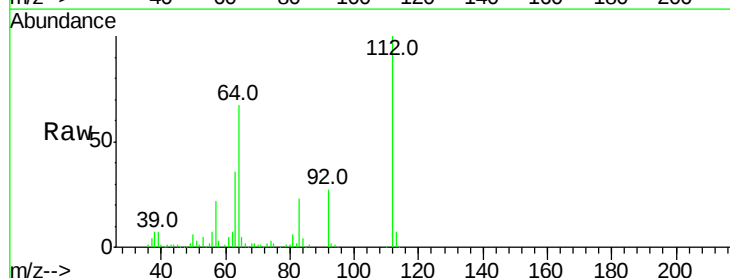
Tgt Ion:112 Resp: 122464

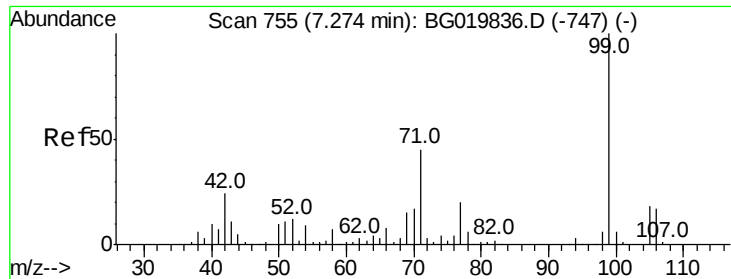
Ion Ratio Lower Upper

112 100

64 66.7 43.7 65.5#

63 36.5 24.0 36.0#





#7

Phenol-d6

Concen: 41.10 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019969.D

Acq: 6 Dec 2015 16:23

Instrument :

BNA_G

ClientSampleId :

MW-12

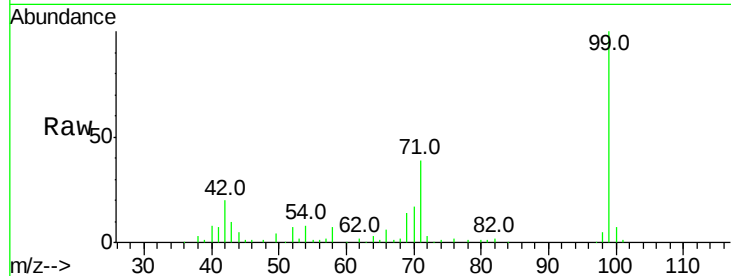
Tot Ion: 99 Resp: 112709

Ion Ratio Lower Upper

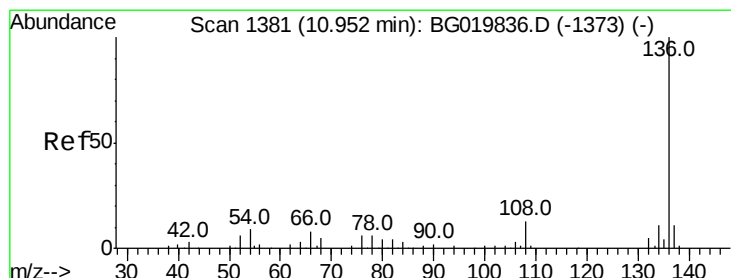
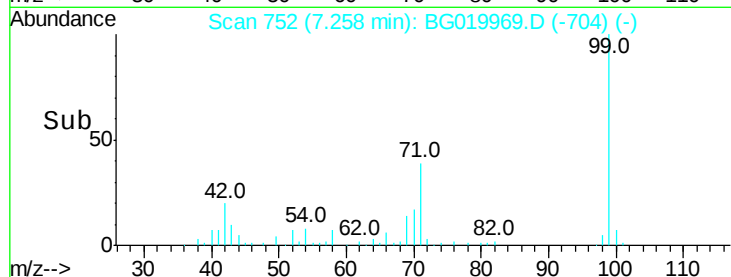
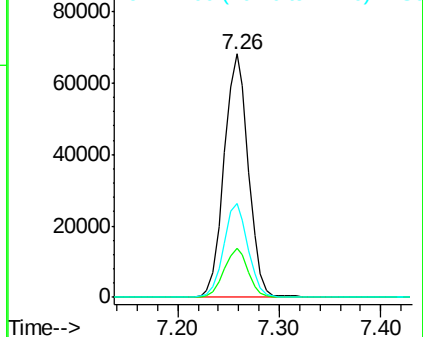
99 100

42 20.1 11.5 17.3#

71 38.7 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: BG019969.D

Acq: 6 Dec 2015 16:23

Tgt Ion: 136 Resp: 140304

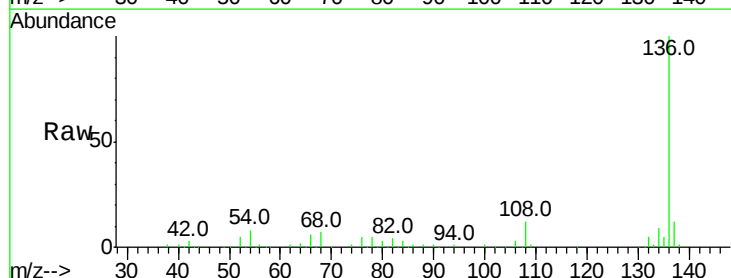
Ion Ratio Lower Upper

136 100

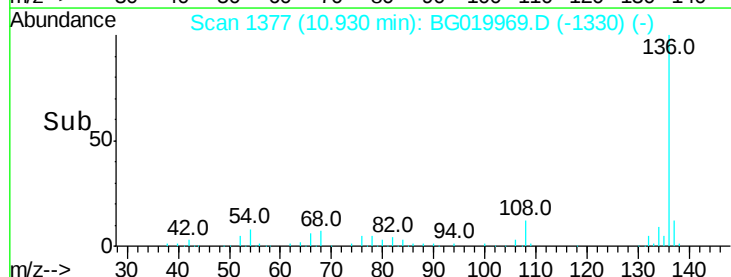
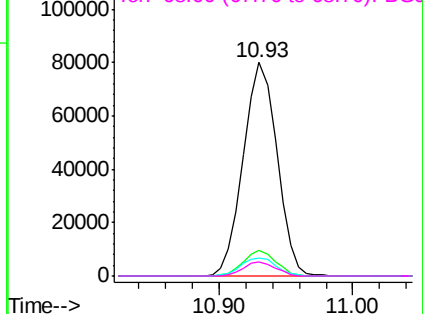
137 11.8 8.6 12.8

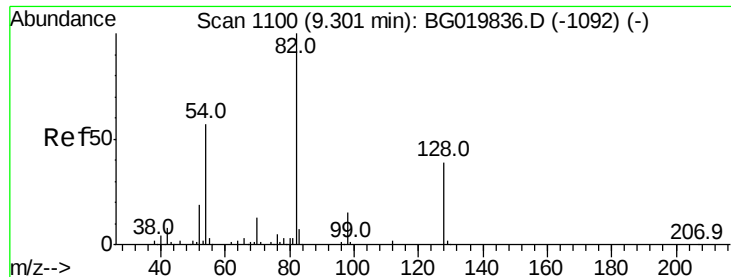
54 8.5 5.4 8.2#

68 6.7 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

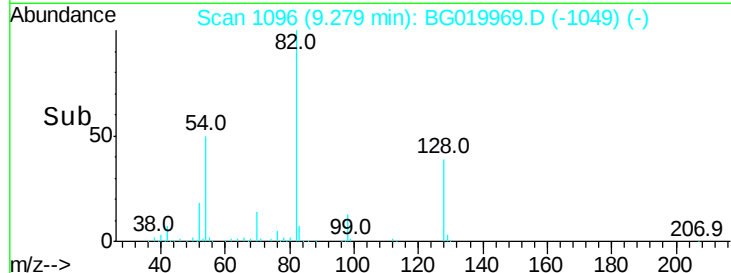
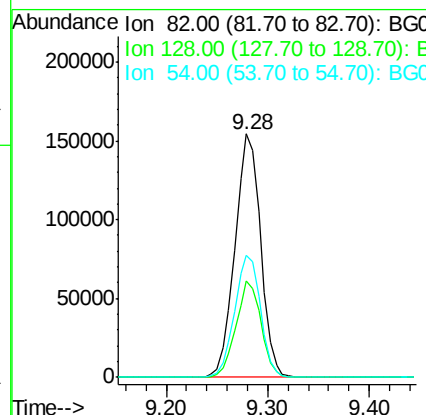
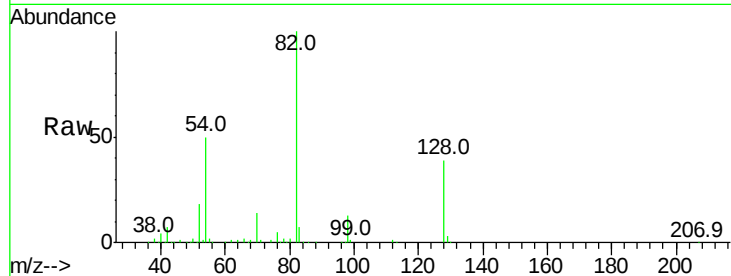




#23
Nitrobenzene-d5
Concen: 98.32 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019969.D
Acq: 6 Dec 2015 16:23

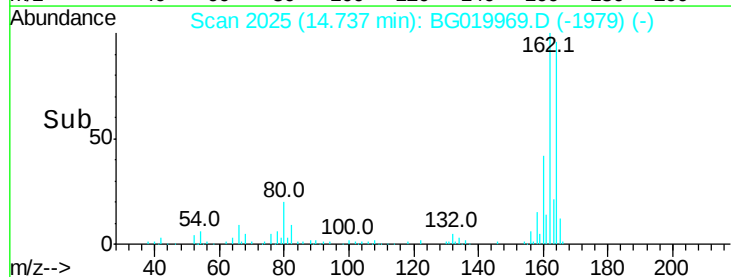
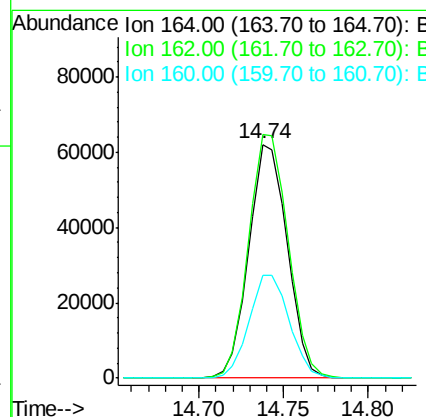
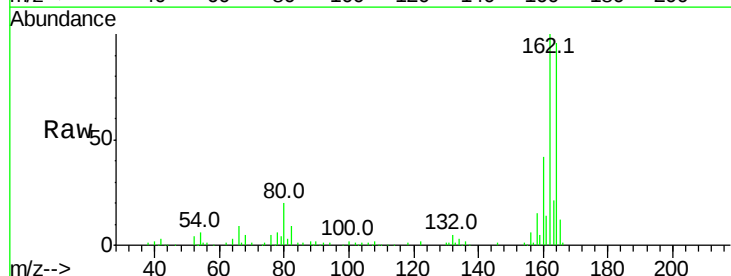
Instrument :
BNA_G
ClientSampleId :
MW-12

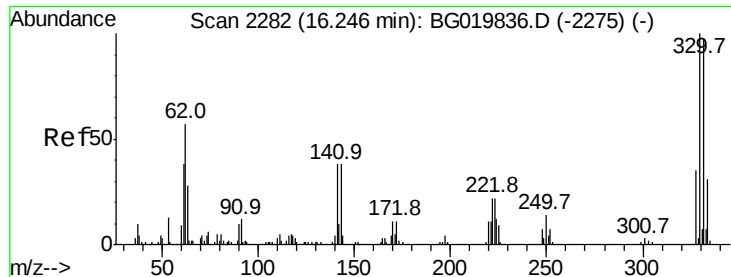
Tot Ion: 82 Resp: 270283
Ion Ratio Lower Upper
82 100
128 39.4 36.7 55.1
54 49.9 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG019969.D
Acq: 6 Dec 2015 16:23

Tgt Ion:164 Resp: 98479
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 43.8 36.4 54.6

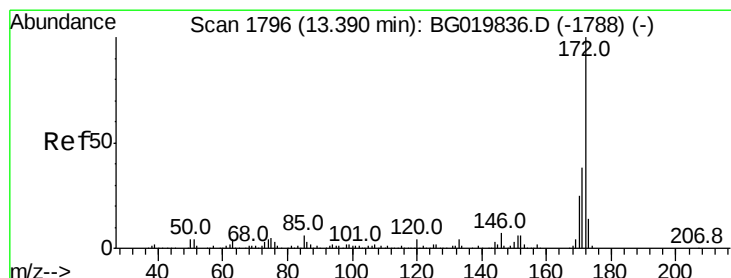
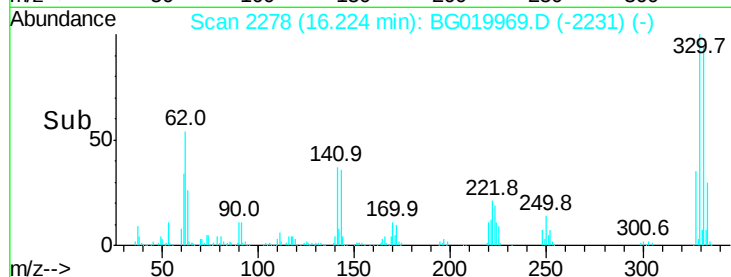
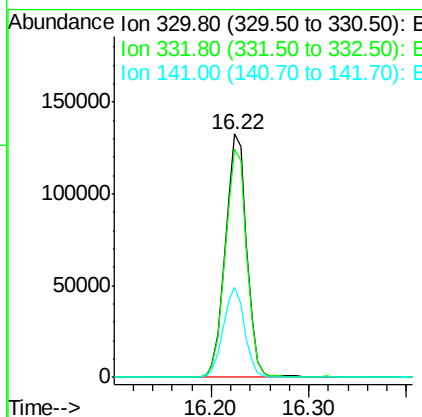
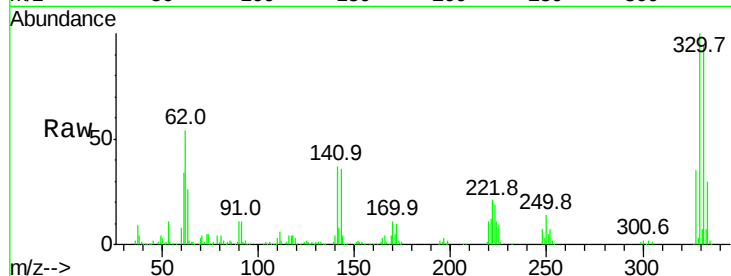




#41
 2,4,6-Tribromophenol
 Concen: 132.78 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019969.D
 Acq: 6 Dec 2015 16:23

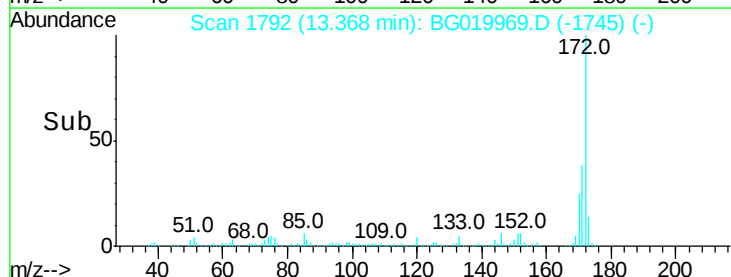
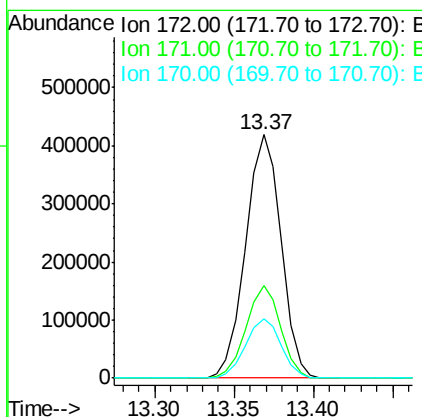
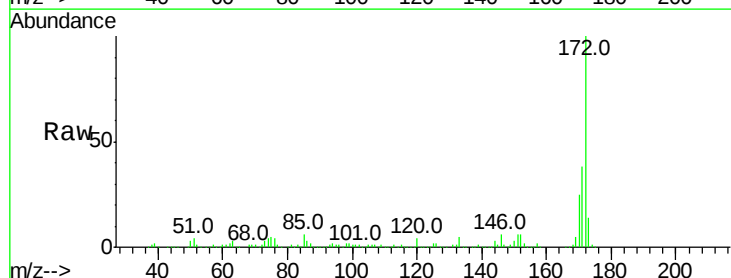
Instrument :
 BNA_G
 ClientSampleId :
 MW-12

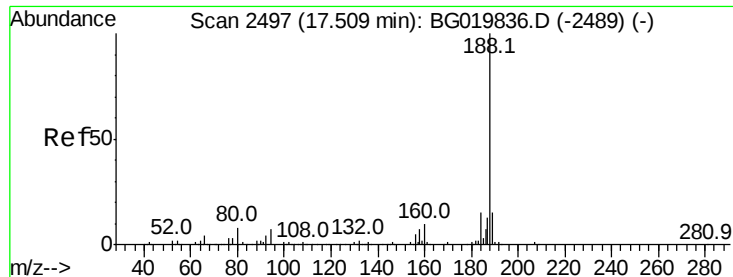
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	37.2	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019969.D
 Acq: 6 Dec 2015 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.6
170	24.6	19.9	29.9

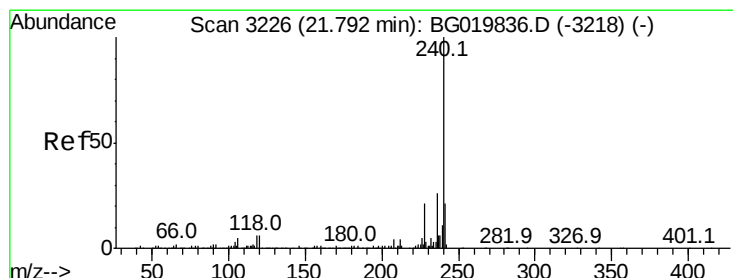
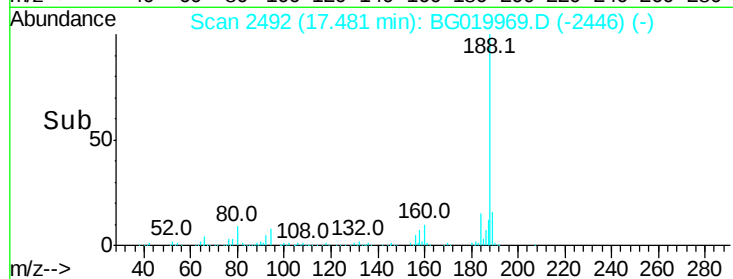
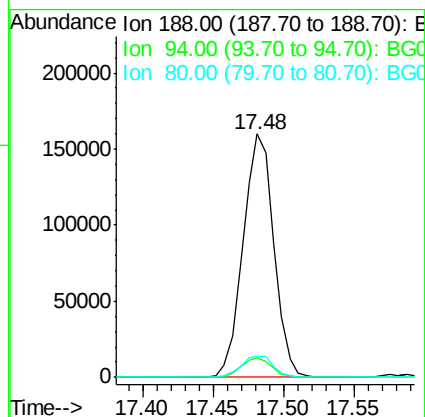
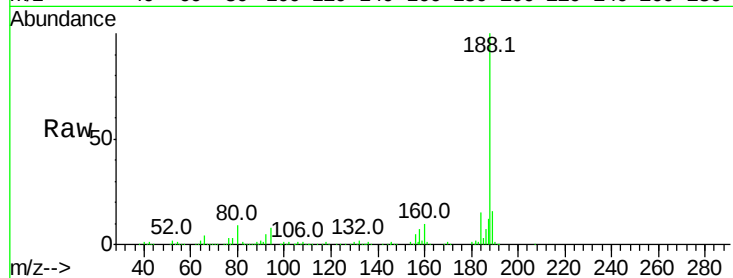




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019969.D
Acq: 6 Dec 2015 16:23

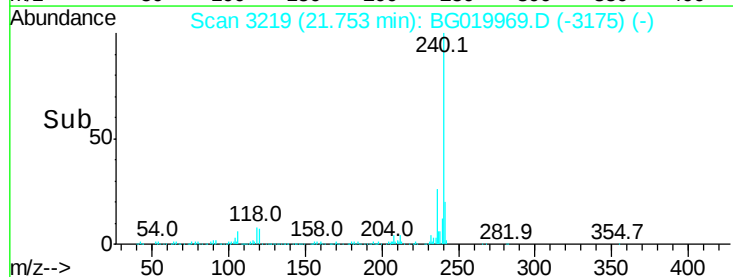
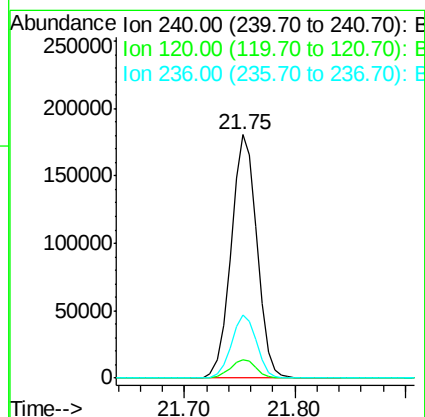
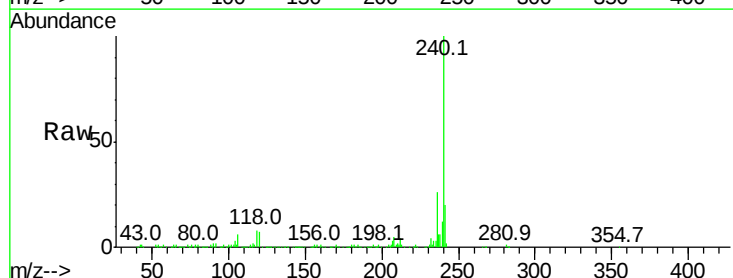
Instrument :
BNA_G
ClientSampleId :
MW-12

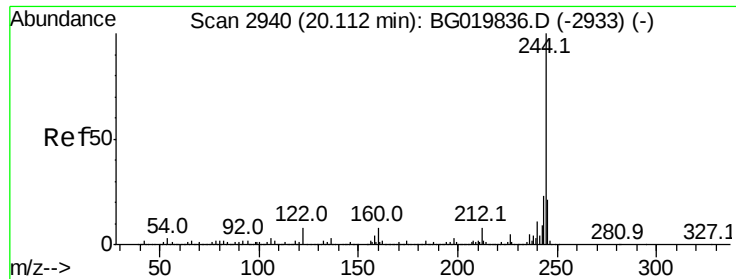
Tot Ion:188 Resp: 243771
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019969.D
Acq: 6 Dec 2015 16:23

Tgt Ion:240 Resp: 295648
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 26.2 20.7 31.1



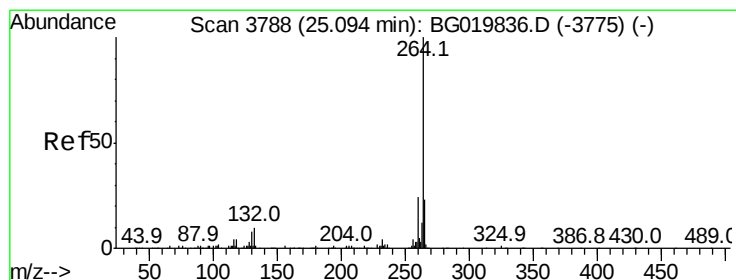
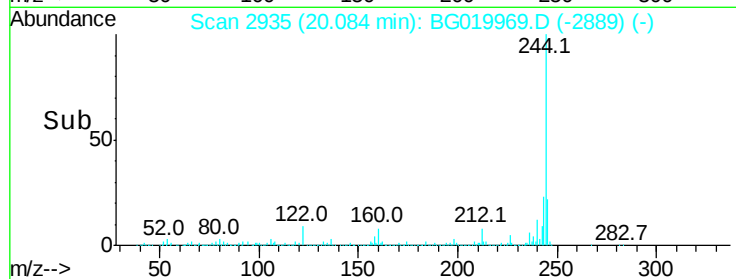
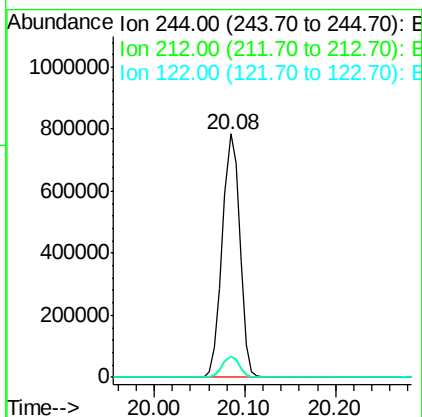
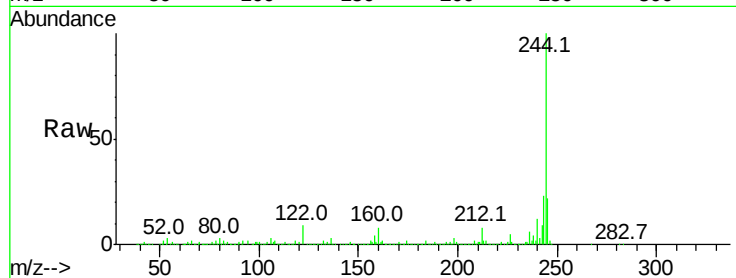


#78
 Terphenyl-d14
 Concen: 86.66 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG019969.D
 Acq: 6 Dec 2015 16:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tot Ion:244 Resp: 1050399

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.7	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG019969.D
 Acq: 6 Dec 2015 16:23

Tgt Ion:264 Resp: 276029

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.0	17.2	25.8

