

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016433.D
 Acq On : 15 Apr 2015 21:04
 Operator : TP/IZ
 Sample : G1829-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-23

Quant Time: Apr 16 04:11:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	89097	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	430729	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	267838	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	510229	20.00	ng	0.00
75) Chrysene-d12	21.23	240	410315	20.00	ng	0.00
86) Perylene-d12	23.46	264	389735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	382410	67.74	ng	0.00
7) Phenol-d6	6.86	99	377730	44.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	596673	80.25	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	260004	143.54	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1386218	88.12	ng	0.00
78) Terphenyl-d14	19.68	244	1373129	78.32	ng	0.00

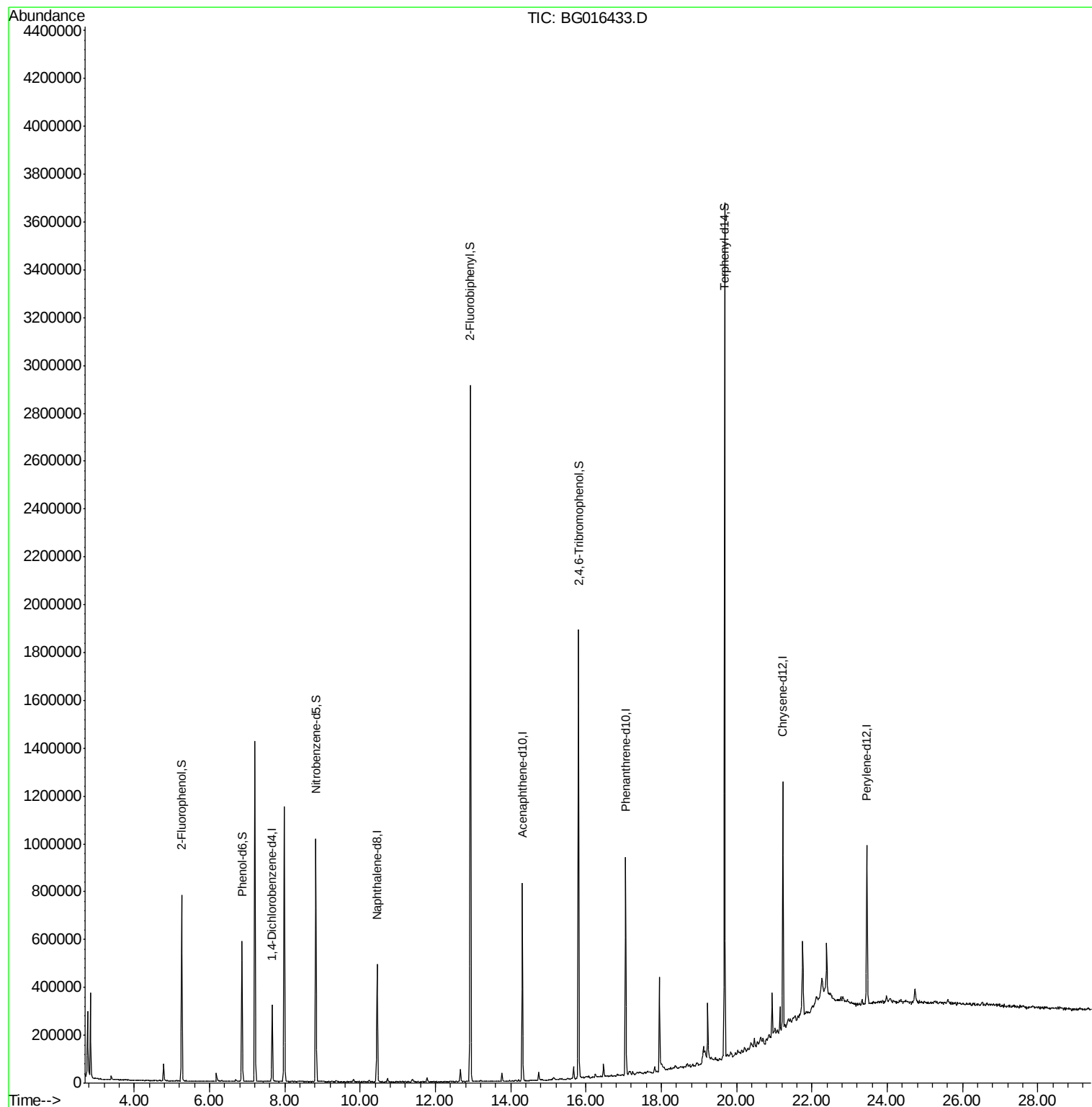
Target Compounds	Qvalue
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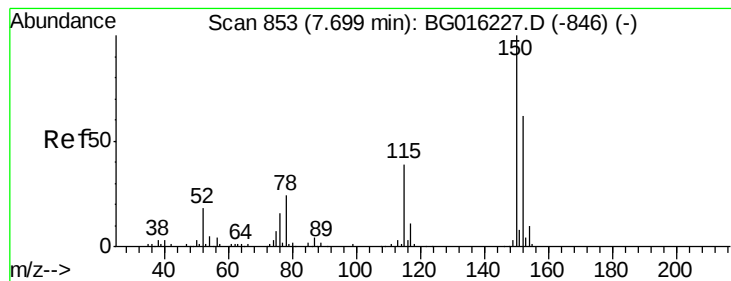
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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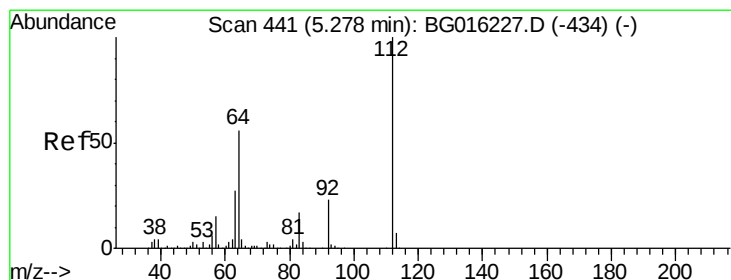
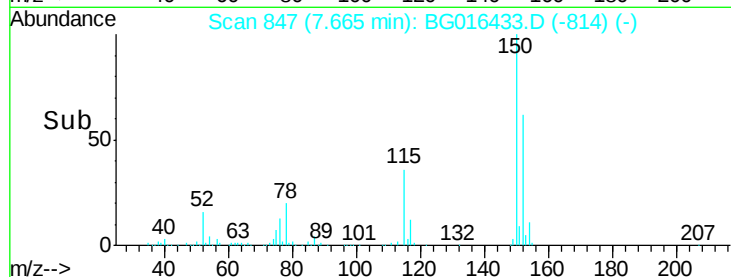
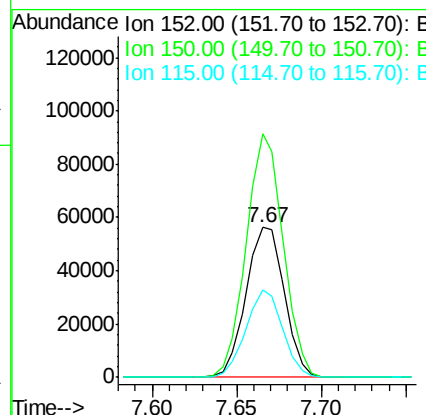
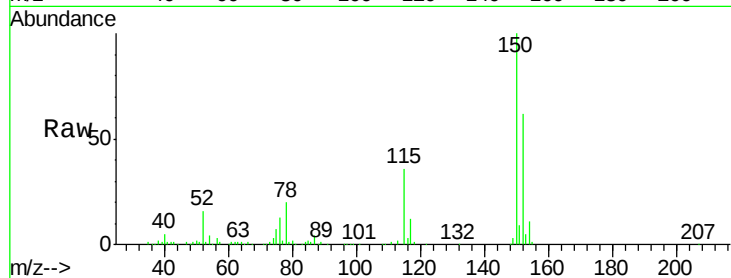


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG016433.D
Acq: 15 Apr 2015 21:04

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-23

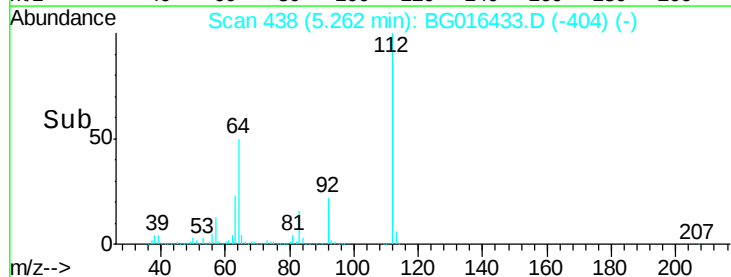
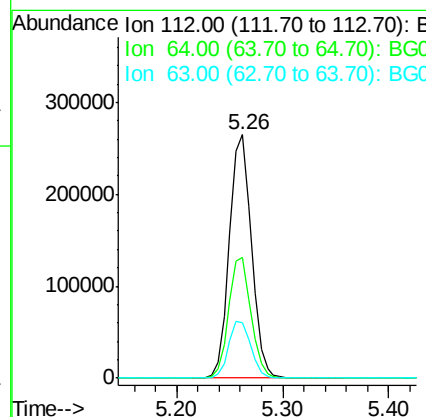
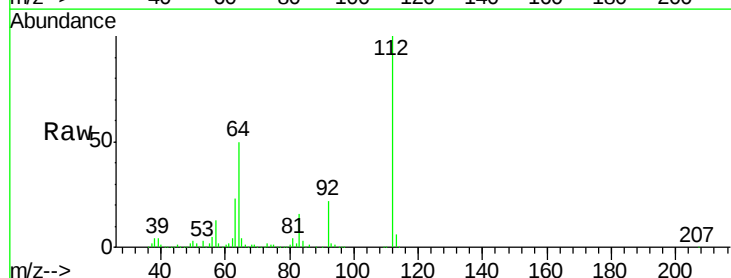
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.2	130.1	195.1
115	58.5	50.5	75.7

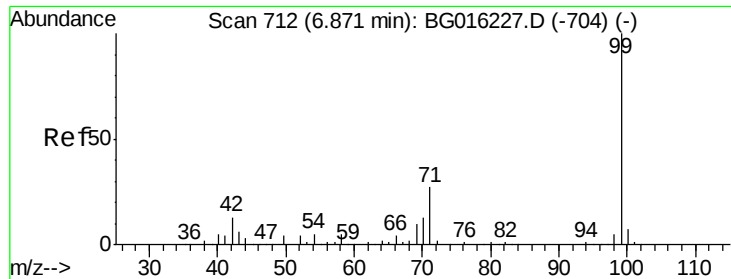


#5

2-Fluorophenol
Concen: 67.74 ng
RT: 5.26 min Scan# 438
Delta R.T. -0.00 min
Lab File: BG016433.D
Acq: 15 Apr 2015 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	44.5	66.7
63	23.0	21.4	32.0





#7

Phenol-d6

Concen: 44.57 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016433.D

Acq: 15 Apr 2015 21:04

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-23

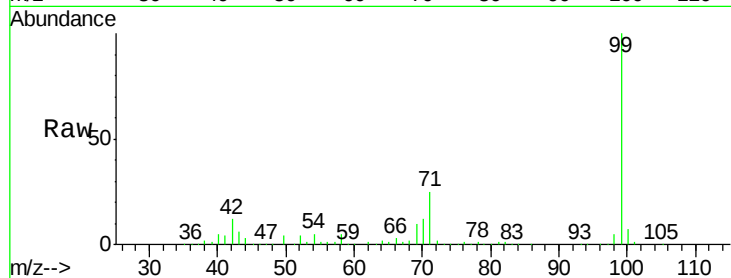
Tgt Ion: 99 Resp: 377730

Ion Ratio Lower Upper

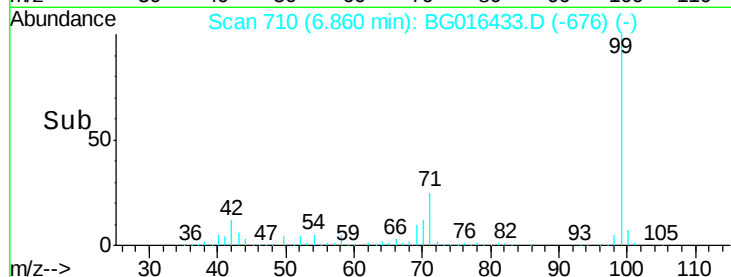
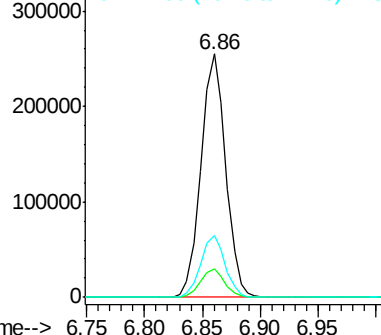
99 100

42 11.7 10.0 15.0

71 25.2 21.5 32.3



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: 10.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016433.D

Acq: 15 Apr 2015 21:04

Tgt Ion: 136 Resp: 430729

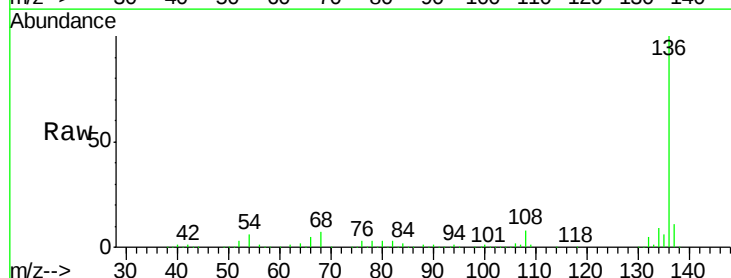
Ion Ratio Lower Upper

136 100

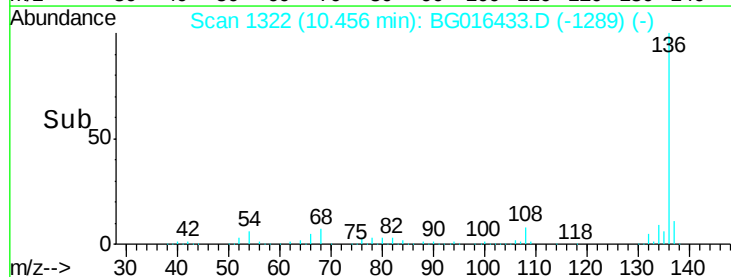
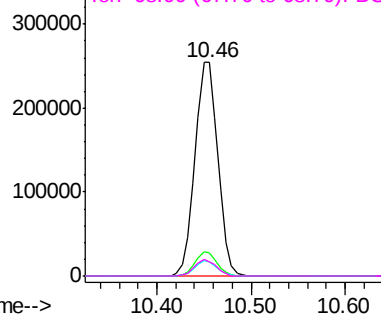
137 11.0 8.7 13.1

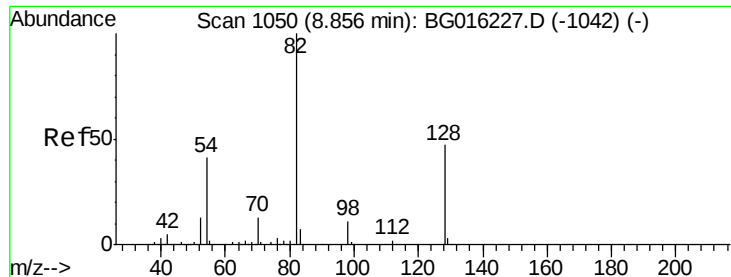
54 6.4 6.3 9.5

68 6.7 6.5 9.7



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

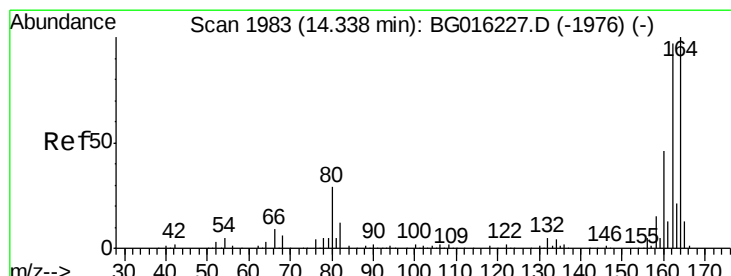
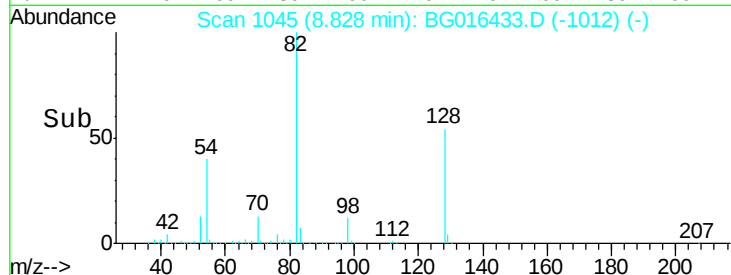
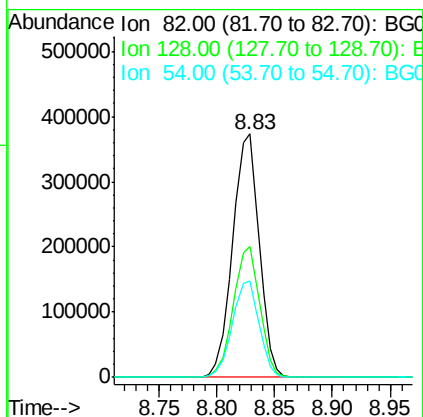
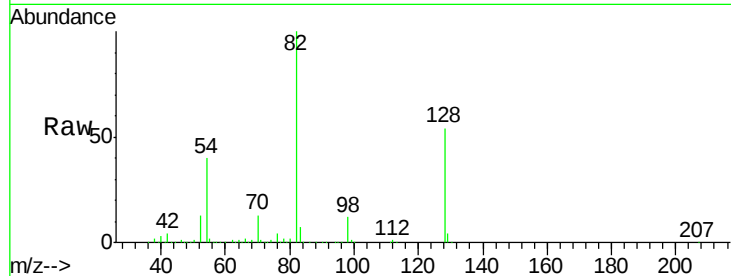




#23
 Nitrobenzene-d5
 Concen: 80.25 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016433.D
 Acq: 15 Apr 2015 21:04

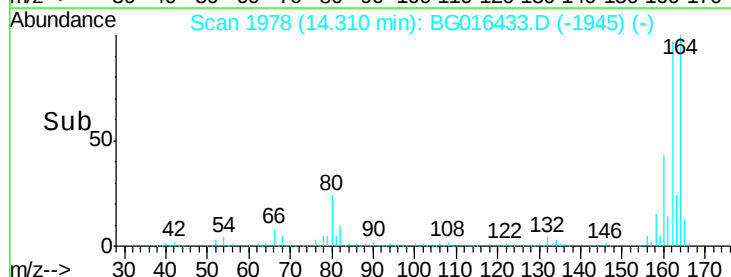
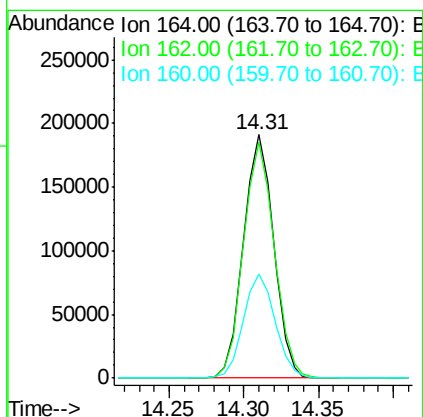
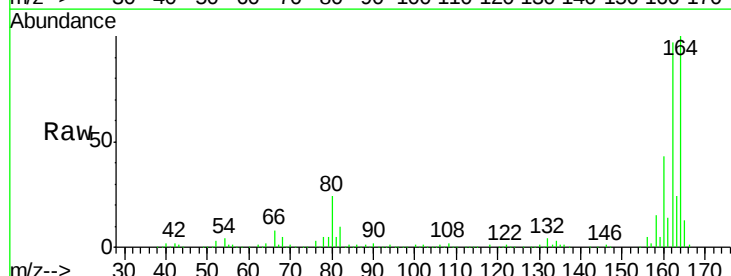
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-23

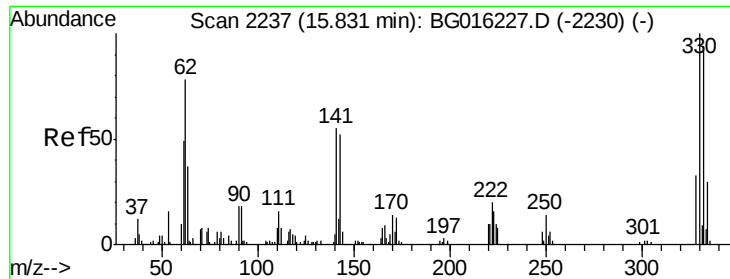
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	37.8	56.8
54	39.5	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016433.D
 Acq: 15 Apr 2015 21:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.3	115.9
160	42.8	36.7	55.1

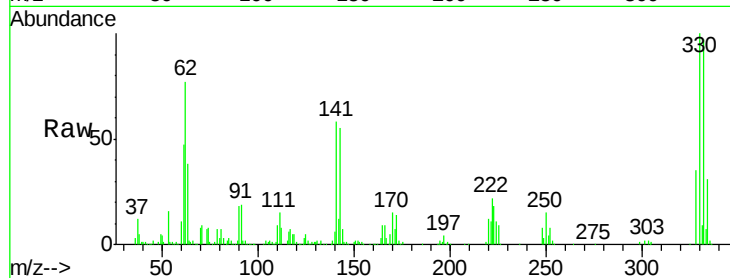




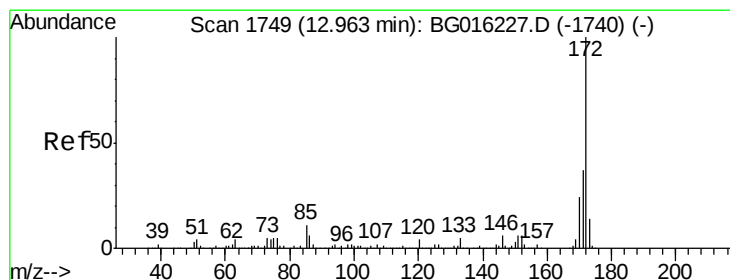
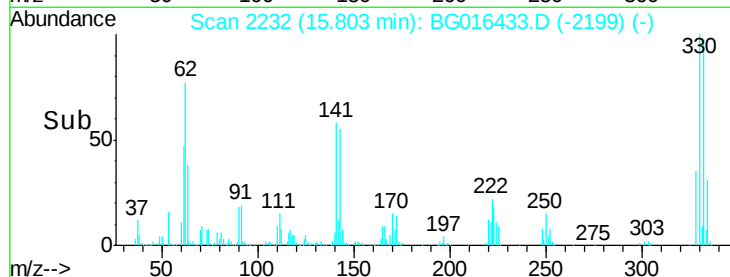
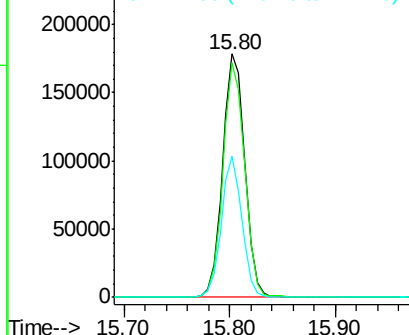
#41
 2,4,6-Tribromophenol
 Concen: 143.54 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016433.D
 Acq: 15 Apr 2015 21:04

Instrument :
 BNA_G
 ClientSampled :
 TE-MW-2-23

Tgt Ion:330 Resp: 260004
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.8 113.6
 141 54.0 46.6 69.8

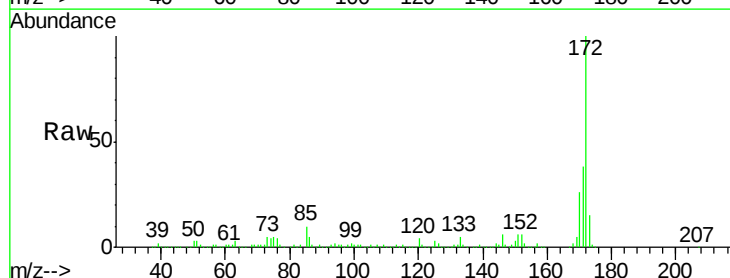


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

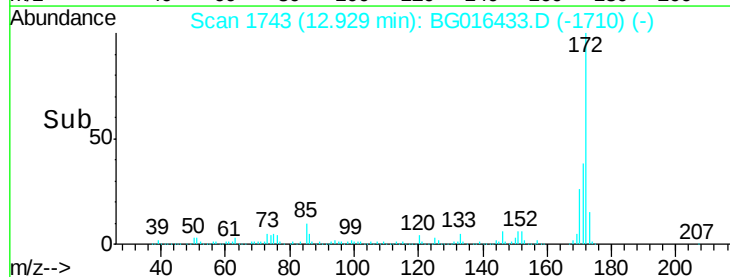
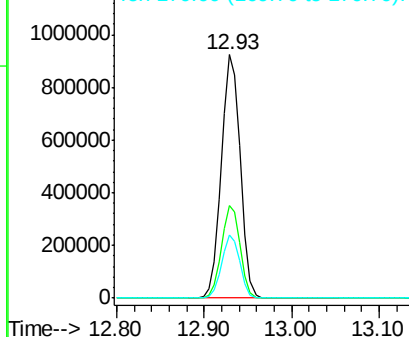


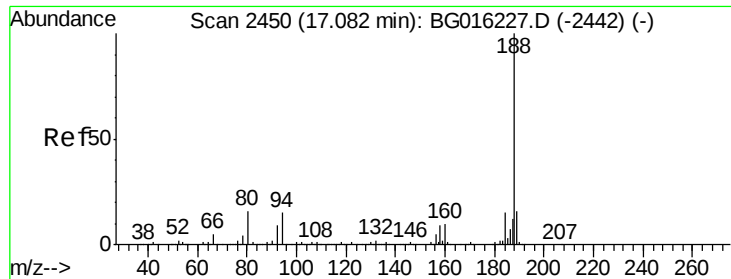
#44
 2-Fluorobiphenyl
 Concen: 88.12 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016433.D
 Acq: 15 Apr 2015 21:04

Tgt Ion:172 Resp: 1386218
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.6 44.4
 170 25.8 19.4 29.2



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

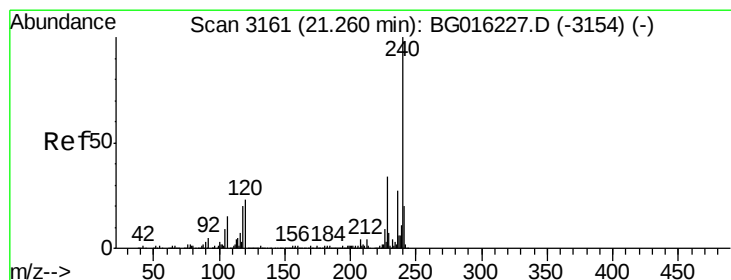
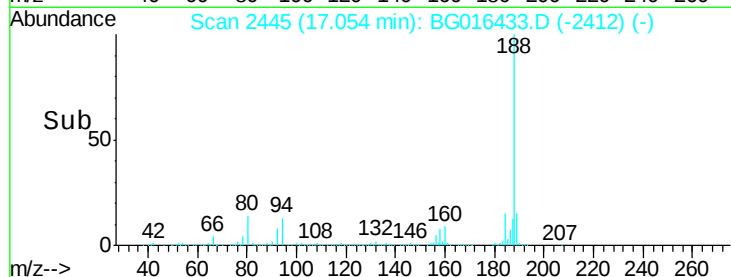
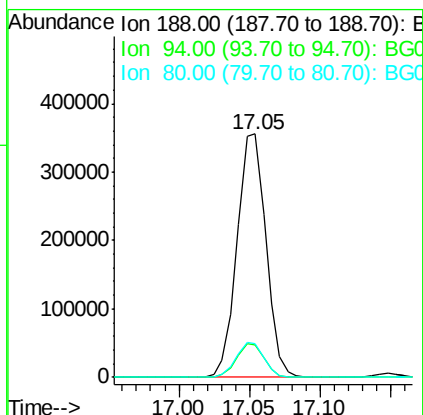
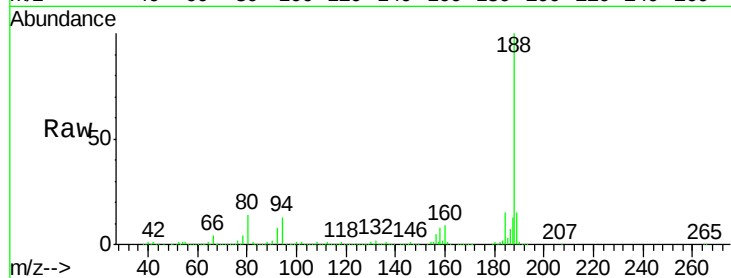




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016433.D
Acq: 15 Apr 2015 21:04

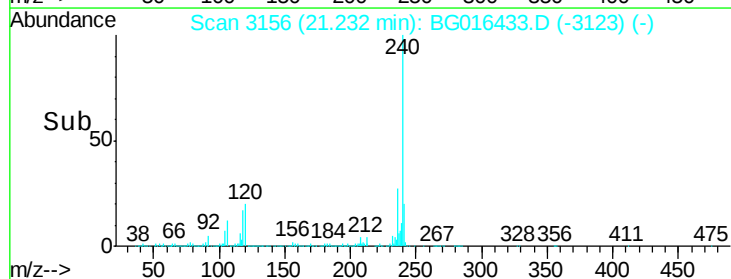
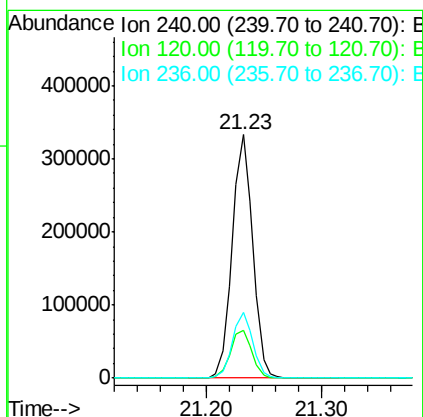
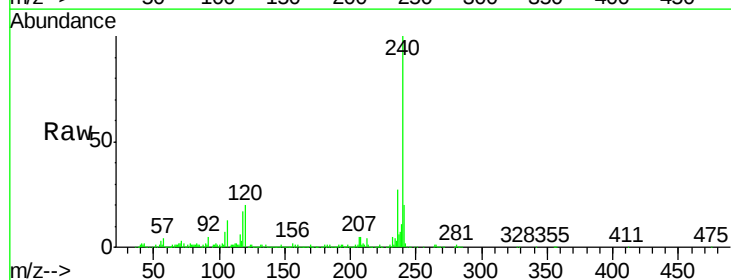
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-23

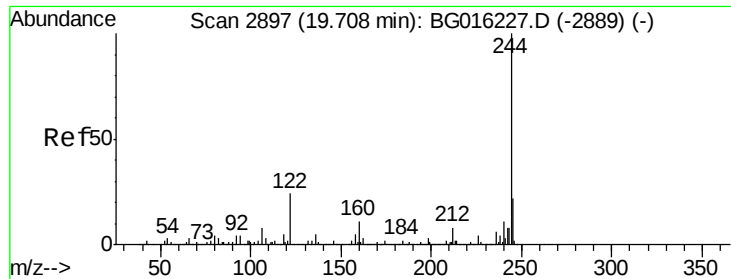
Tgt Ion:188 Resp: 510229
Ion Ratio Lower Upper
188 100
94 13.1 12.2 18.4
80 13.7 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016433.D
Acq: 15 Apr 2015 21:04

Tgt Ion:240 Resp: 410315
Ion Ratio Lower Upper
240 100
120 19.6 18.6 28.0
236 27.1 21.7 32.5





#78

Terphenyl-d14

Concen: 78.32 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016433.D

Acq: 15 Apr 2015 21:04

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-23

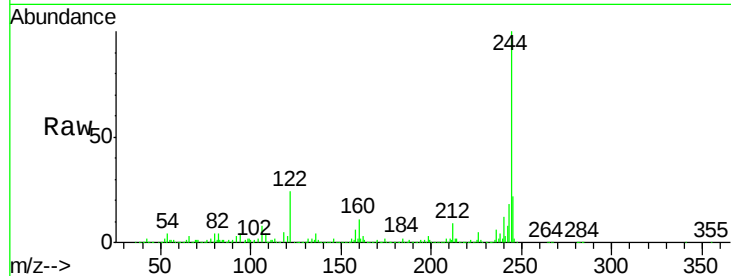
Tgt Ion:244 Resp: 1373129

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

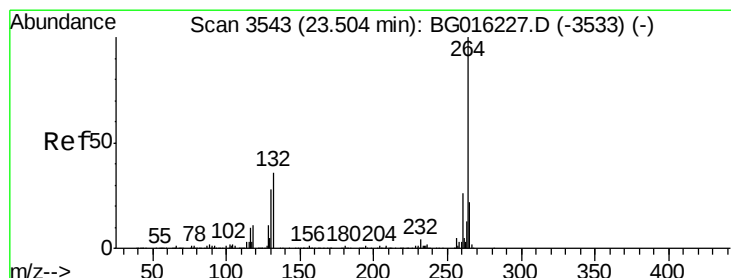
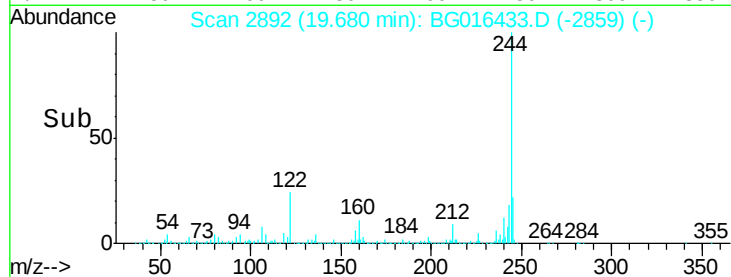
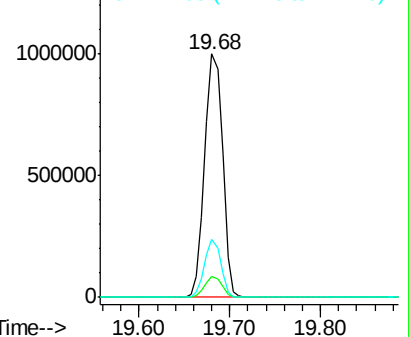
122 23.7 19.1 28.7



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: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016433.D

Acq: 15 Apr 2015 21:04

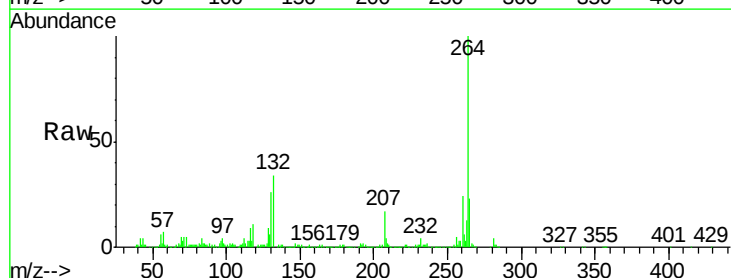
Tgt Ion:264 Resp: 389735

Ion Ratio Lower Upper

264 100

260 23.9 20.4 30.6

265 22.9 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

