

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
 Data File : BG016286.D
 Acq On : 8 Apr 2015 21:28
 Operator : TP/IZ
 Sample : G1779-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-6-DEP

Quant Time: Apr 09 13:36:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	83283	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	405959	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	239226	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	475855	20.00	ng	0.00
75) Chrysene-d12	21.25	240	397802	20.00	ng	0.00
86) Perylene-d12	23.50	264	376492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	214414	40.63	ng	0.02
7) Phenol-d6	6.89	99	197988	24.99	ng	0.02
23) Nitrobenzene-d5	8.86	82	499661	71.30	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	141639	87.55	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1069537	76.12	ng	0.00
78) Terphenyl-d14	19.71	244	1173616	69.05	ng	0.00

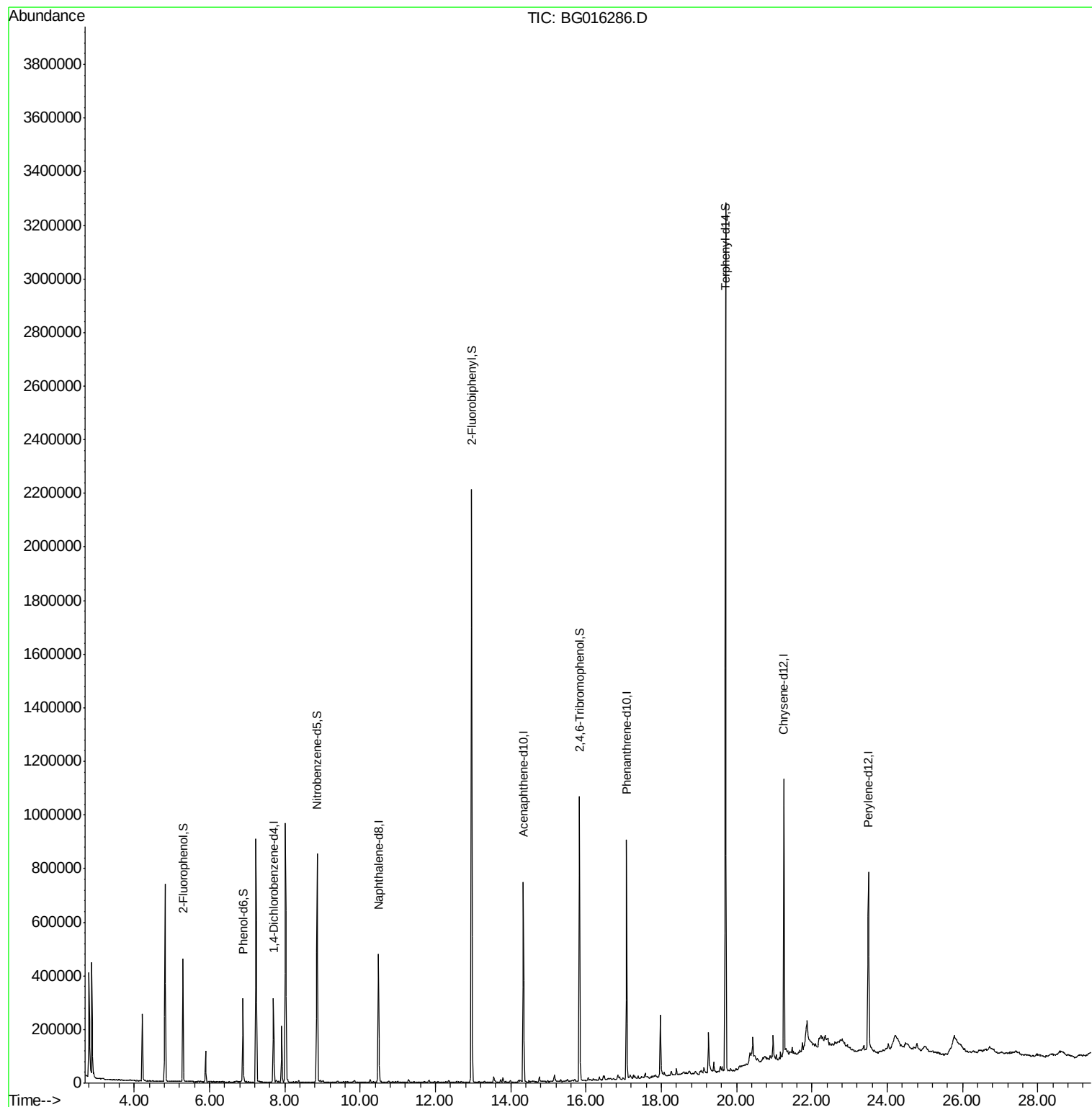
Target Compounds Qvalue

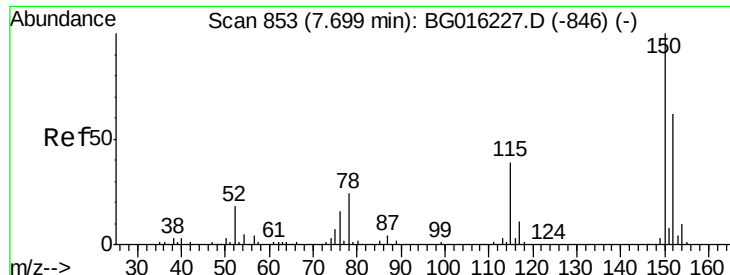
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

Instrument :

BNA_G

ClientSampleId :

TW-6-DEP

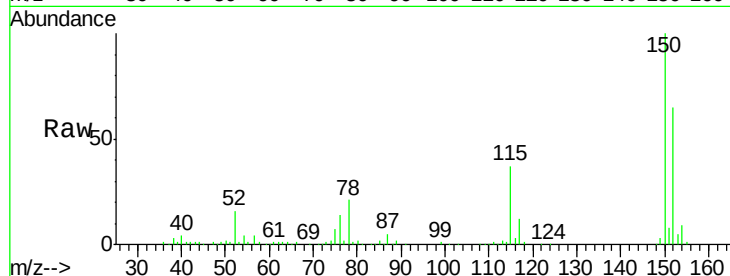
Tot Ion:152 Resp: 83283

Ion Ratio Lower Upper

152 100

150 153.3 130.1 195.1

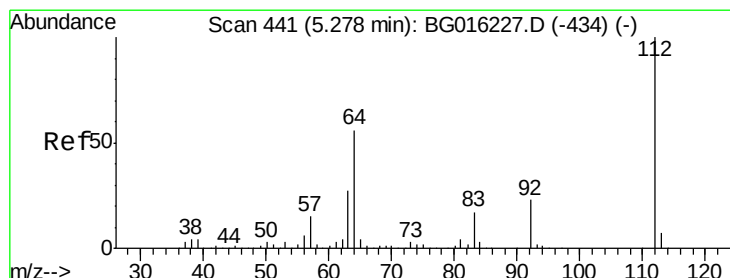
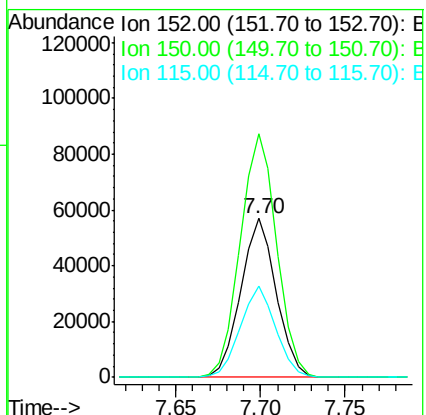
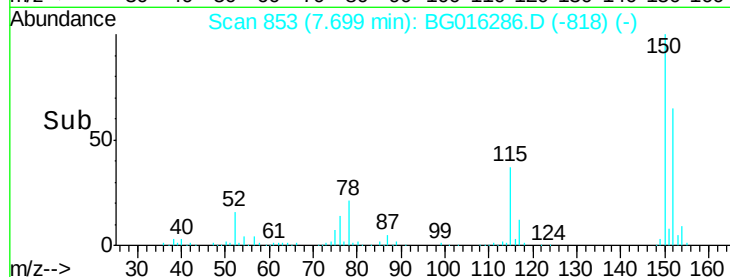
115 57.3 50.5 75.7



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: 40.63 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.02 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

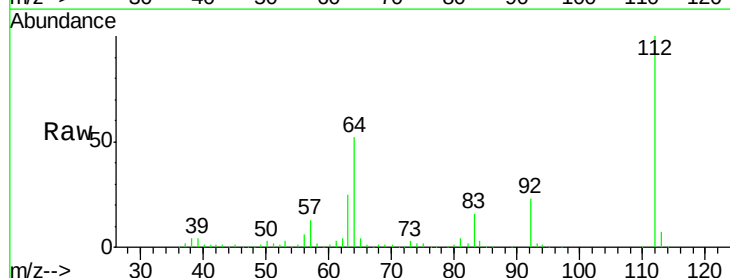
Tgt Ion:112 Resp: 214414

Ion Ratio Lower Upper

112 100

64 51.6 44.5 66.7

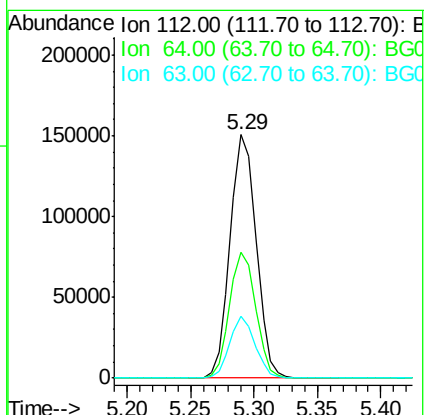
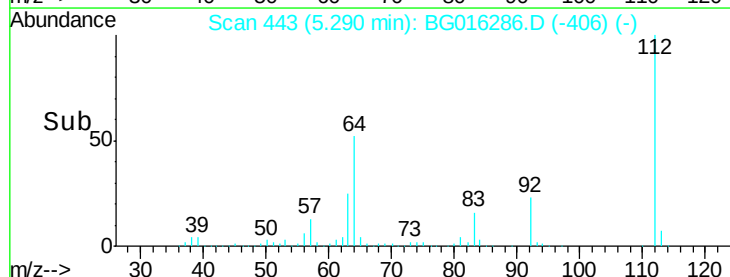
63 25.3 21.4 32.0

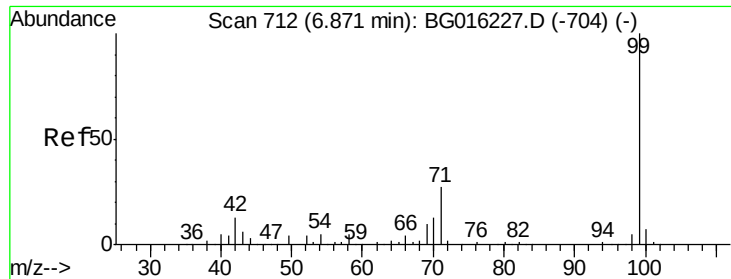


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.99 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

Instrument :

BNA_G

ClientSampleId :

TW-6-DEP

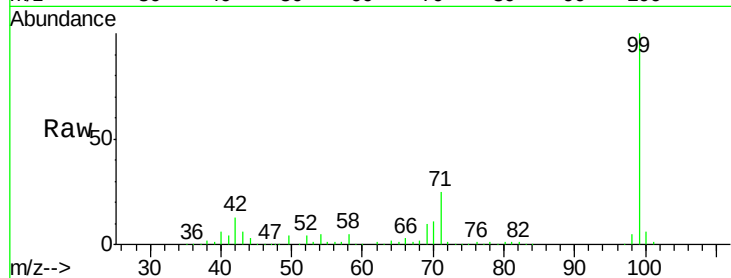
Tot Ion: 99 Resp: 197988

Ion Ratio Lower Upper

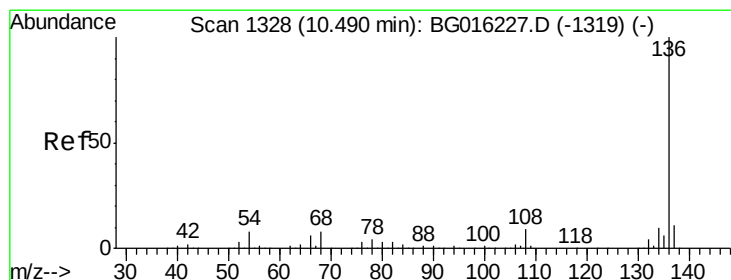
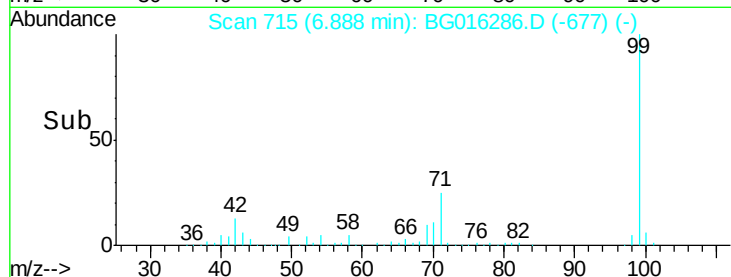
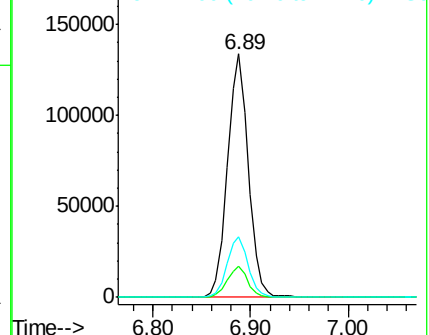
99 100

42 12.8 10.0 15.0

71 24.9 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: 10.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

Tgt Ion: 136 Resp: 405959

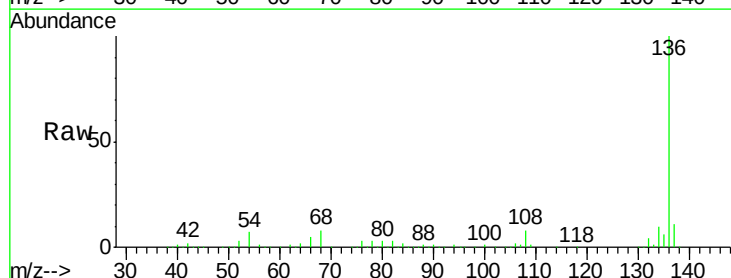
Ion Ratio Lower Upper

136 100

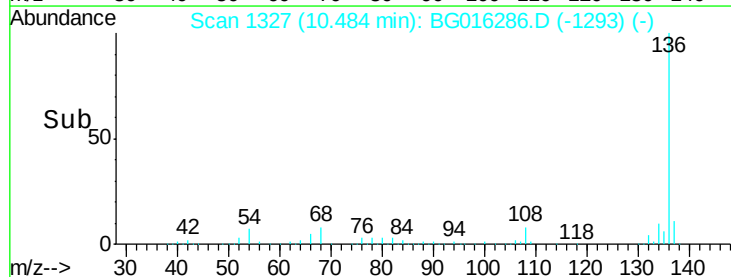
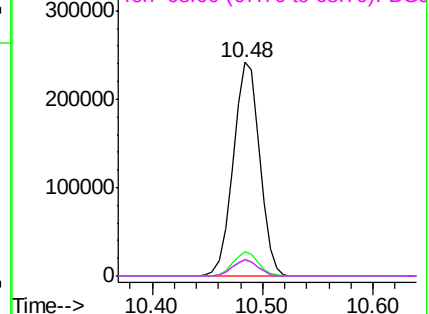
137 11.4 8.7 13.1

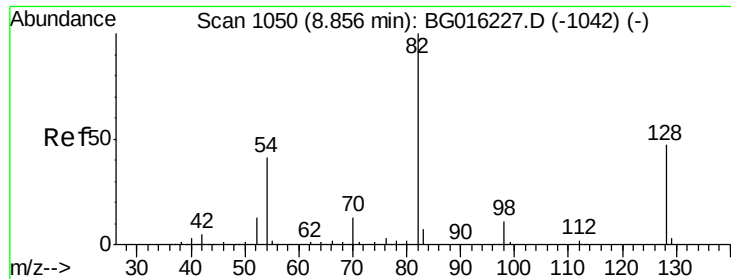
54 7.5 6.3 9.5

68 7.5 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

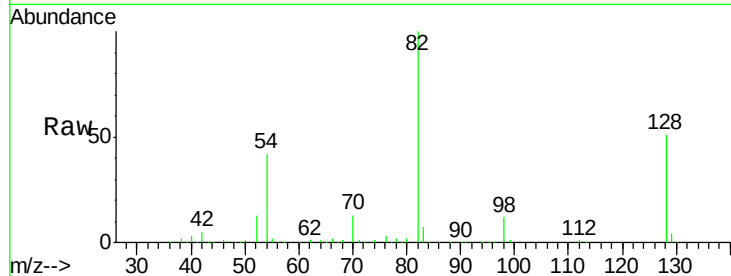




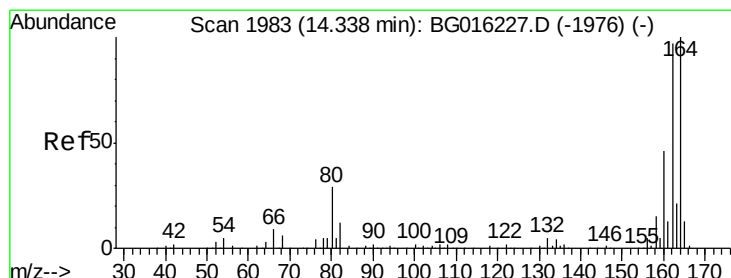
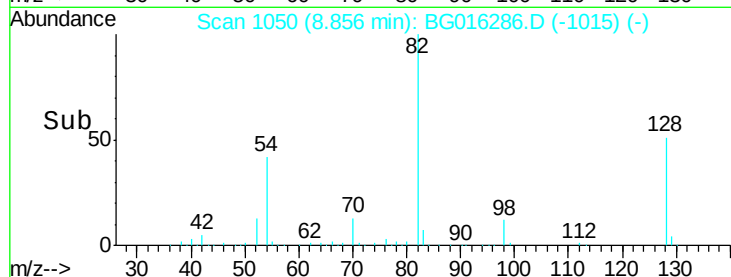
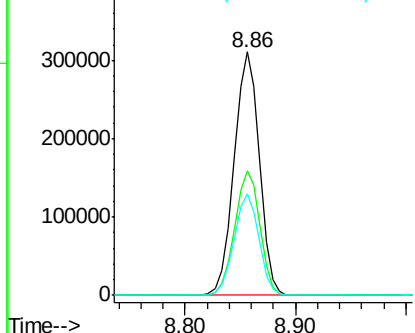
#23
 Nitrobenzene-d5
 Concen: 71.30 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016286.D
 Acq: 8 Apr 2015 21:28

Instrument :
 BNA_G
 ClientSampleId :
 TW-6-DEP

Tot Ion	82	Resp	499661
Ion Ratio	100	Lower	Upper
128	51.0	37.8	56.8
54	41.7	32.6	49.0

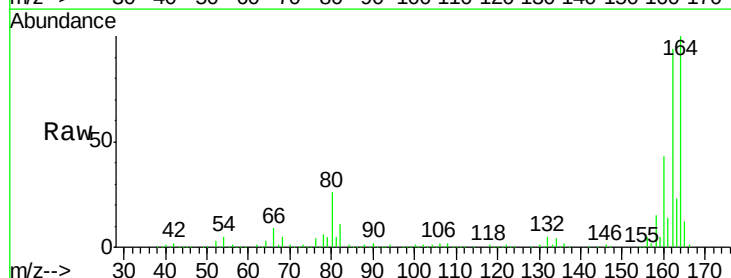


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

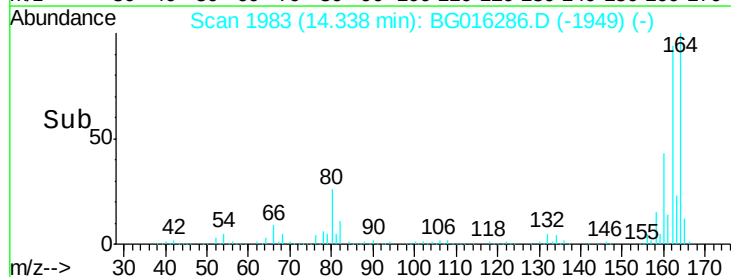
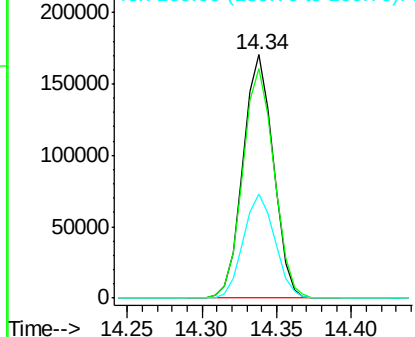


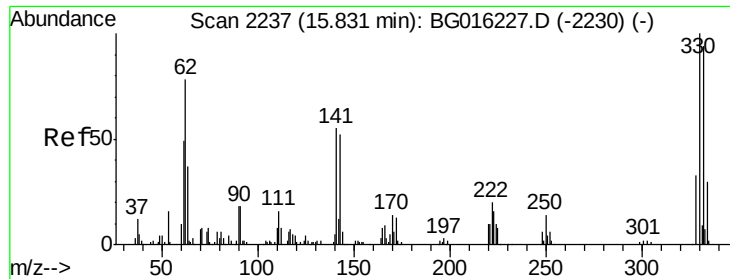
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG016286.D
 Acq: 8 Apr 2015 21:28

Tgt Ion	164	Resp	239226
Ion Ratio	100	Lower	Upper
162	94.2	77.3	115.9
160	43.0	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

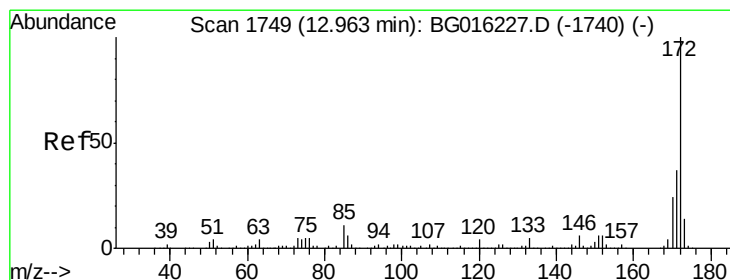
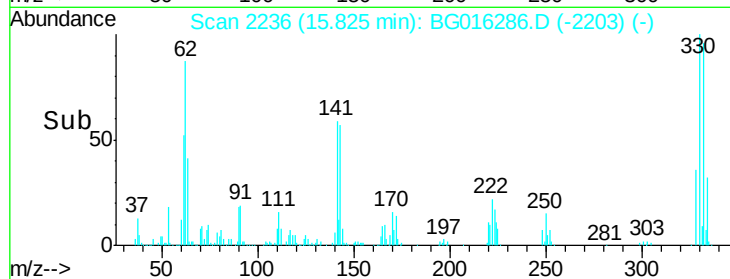
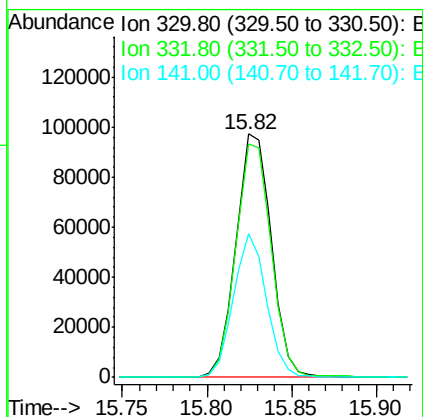
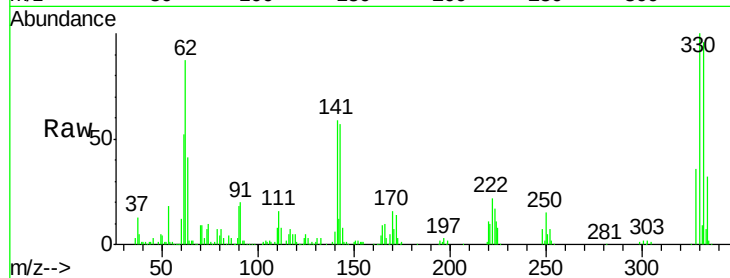




#41
 2,4,6-Tribromophenol
 Concen: 87.55 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016286.D
 Acq: 8 Apr 2015 21:28

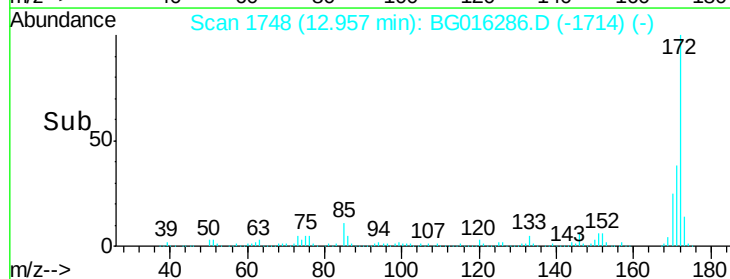
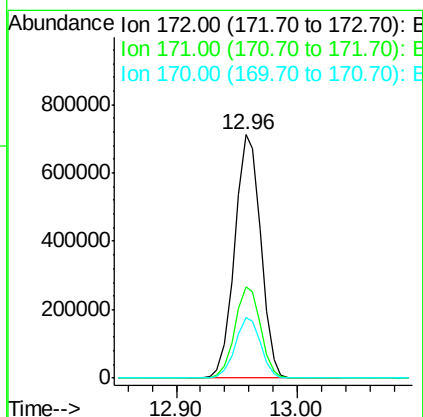
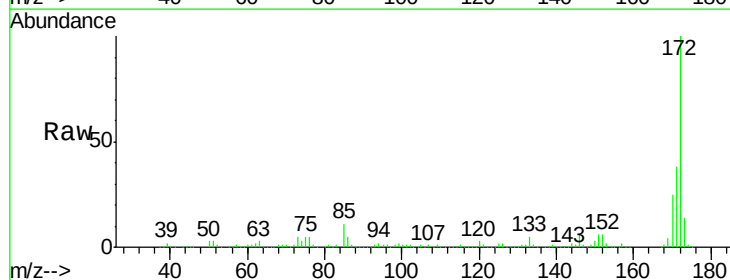
Instrument :
 BNA_G
 ClientSampleId :
 TW-6-DEP

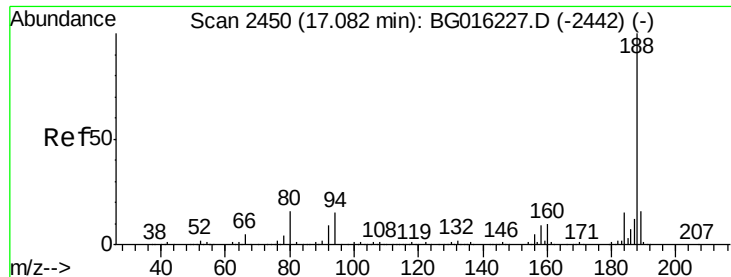
Tot Ion:330 Resp: 141639
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 55.0 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016286.D
 Acq: 8 Apr 2015 21:28

Tgt Ion:172 Resp: 1069537
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 24.7 19.4 29.2

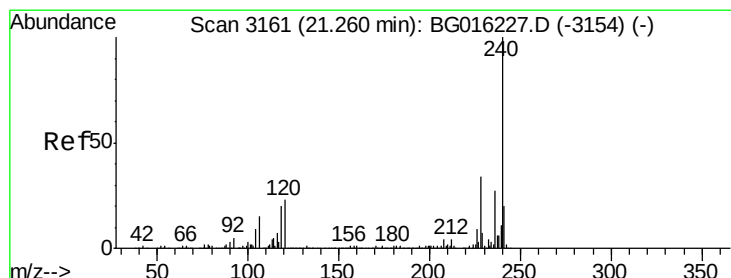
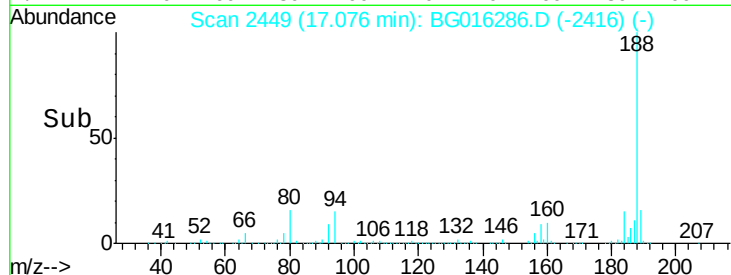
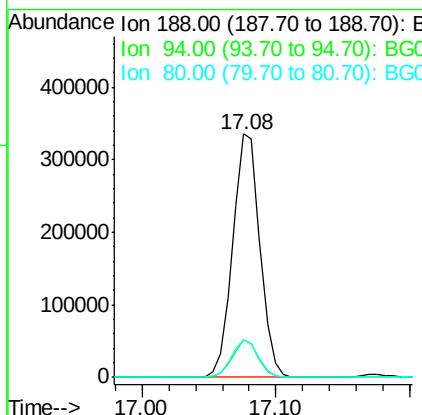
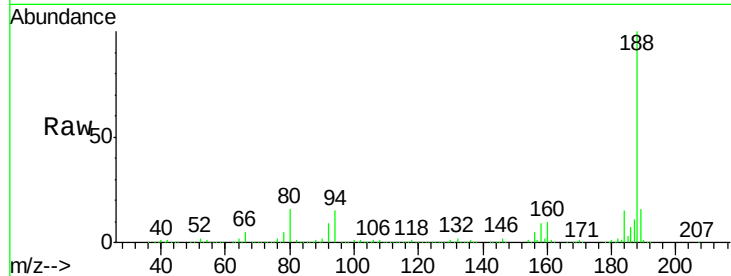




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016286.D
Acq: 8 Apr 2015 21:28

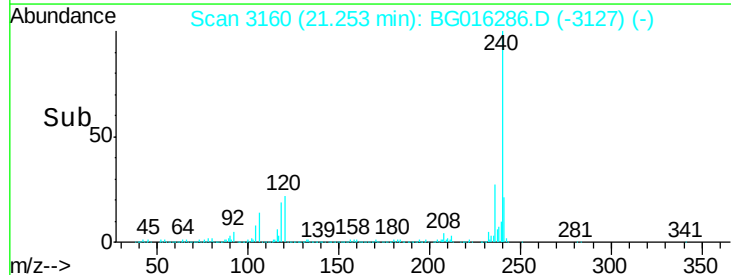
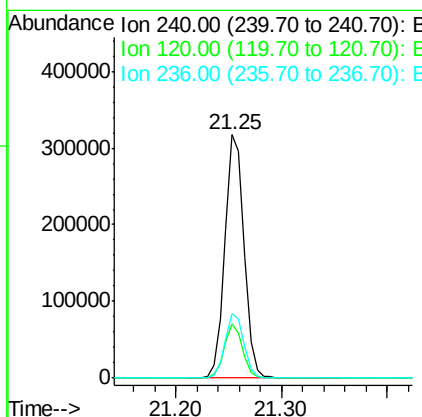
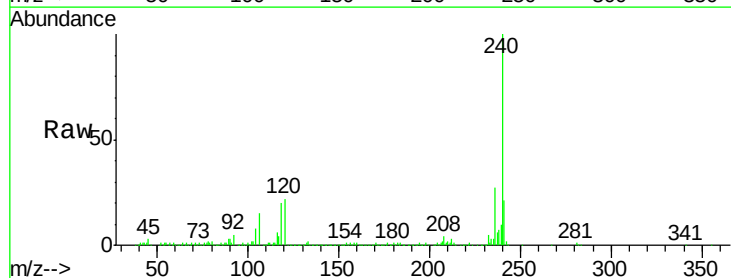
Instrument :
BNA_G
ClientSampleId :
TW-6-DEP

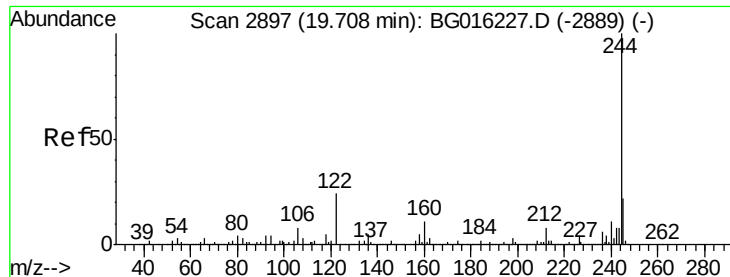
Tot Ion:188 Resp: 475855
Ion Ratio Lower Upper
188 100
94 15.2 12.2 18.4
80 15.6 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016286.D
Acq: 8 Apr 2015 21:28

Tgt Ion:240 Resp: 397802
Ion Ratio Lower Upper
240 100
120 22.2 18.6 28.0
236 26.5 21.7 32.5





#78

Terphenyl-d14

Concen: 69.05 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

Instrument :

BNA_G

ClientSampleId :

TW-6-DEP

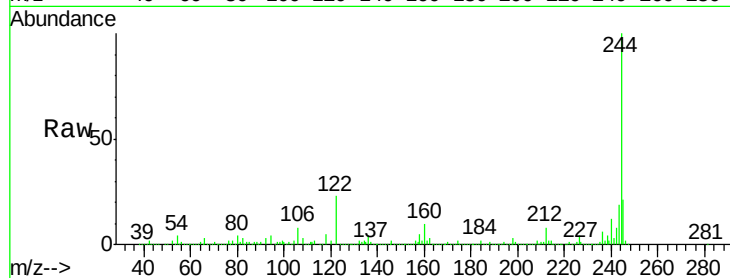
Tot Ion:244 Resp: 1173616

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

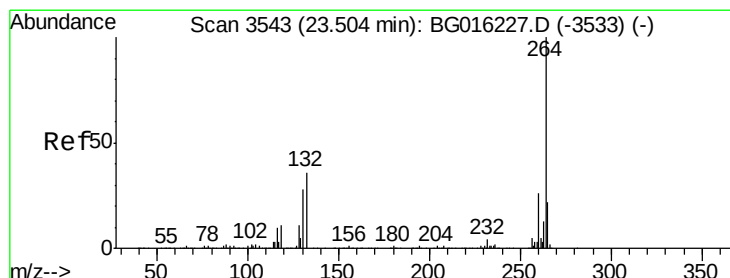
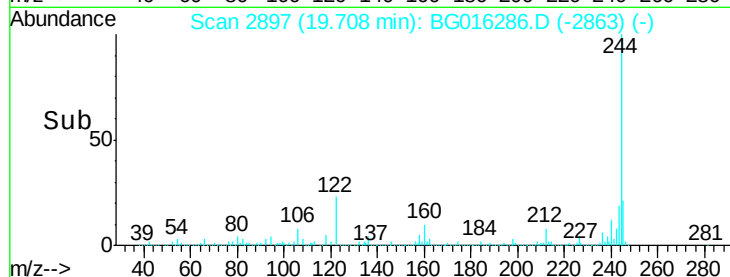
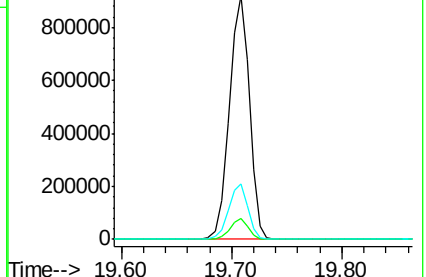
122 22.9 19.1 28.7



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: 23.50 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG016286.D

Acq: 8 Apr 2015 21:28

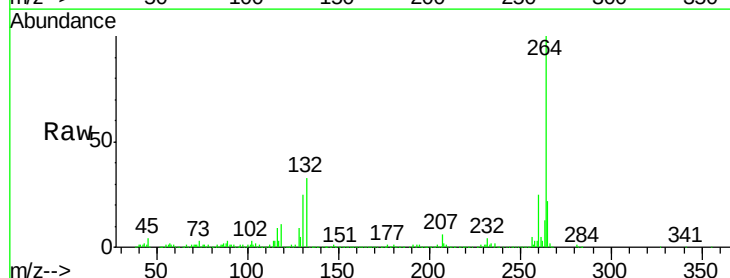
Tgt Ion:264 Resp: 376492

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

265 21.7 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

