

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019903.D
 Acq On : 4 Dec 2015 12:11
 Operator : UM/NP
 Sample : G4613-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120115-A264-E-D-M

Quant Time: Dec 04 12:53:43 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	27183	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	122243	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	89969	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	224966	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	265576	20.00	ng	-0.03
86) Perylene-d12	25.05	264	249844	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74878	49.79	ng	-0.01
7) Phenol-d6	7.26	99	73801	32.50	ng	-0.01
23) Nitrobenzene-d5	9.29	82	238122	99.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	128484	93.33	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	617332	93.69	ng	-0.01
78) Terphenyl-d14	20.09	244	1031507	94.74	ng	-0.02

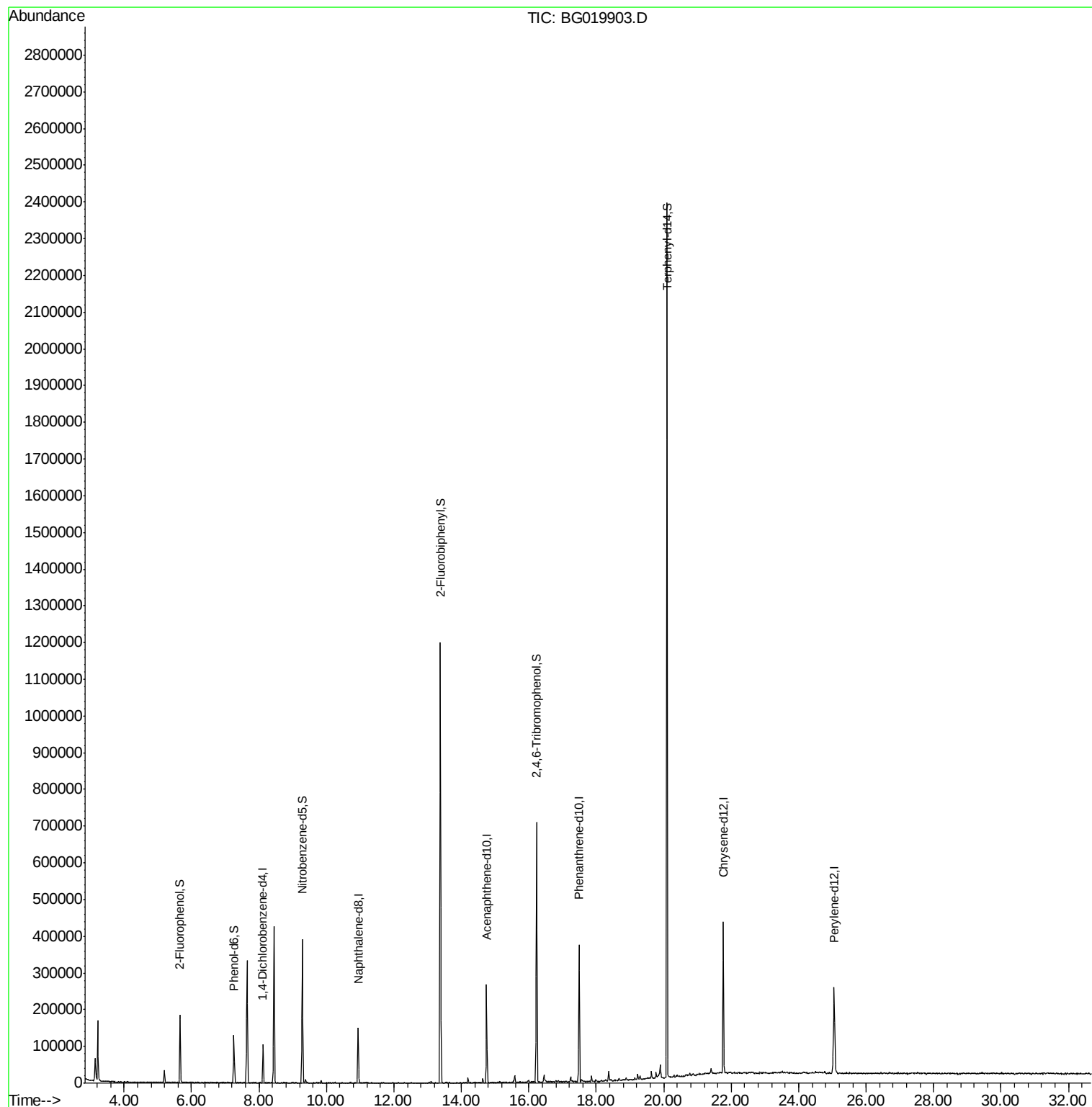
Target Compounds Qvalue

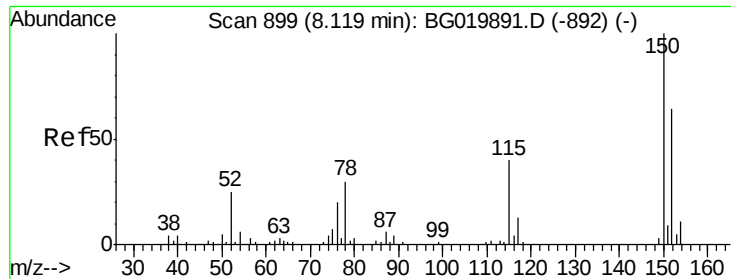
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019903.D
Acq On : 4 Dec 2015 12:11
Operator : UM/NP
Sample : G4613-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120115-A264-E-D-M

Quant Time: Dec 04 12:53:43 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



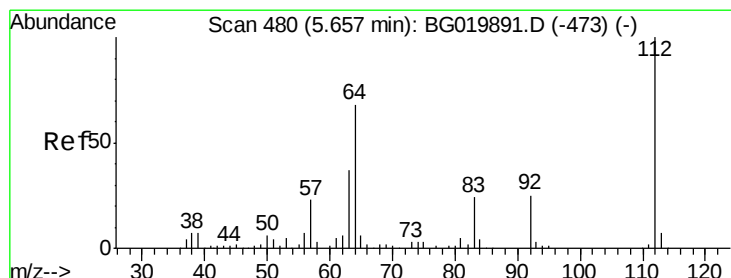
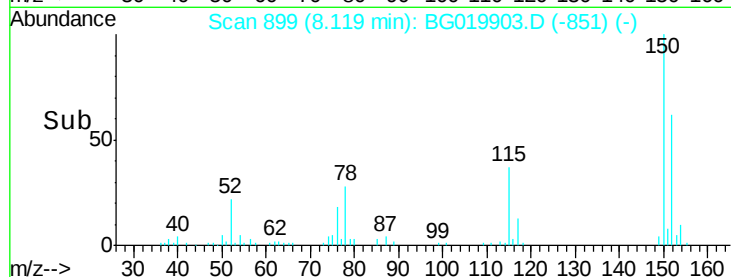
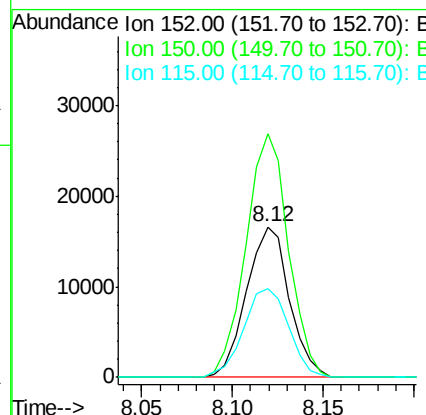
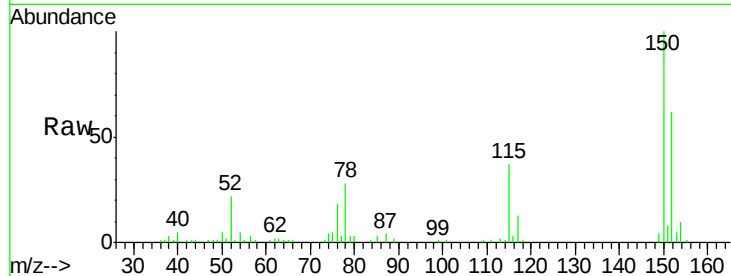


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Instrument :
BNA_G
ClientSampleId :
120115-A264-E-D-M

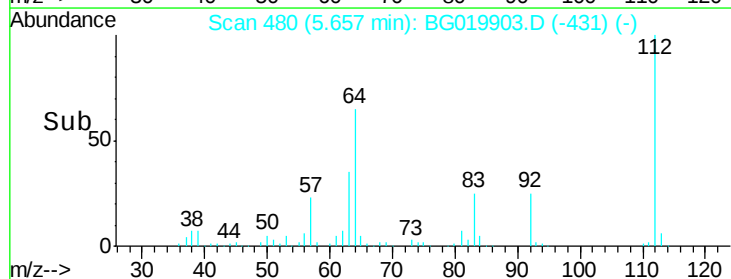
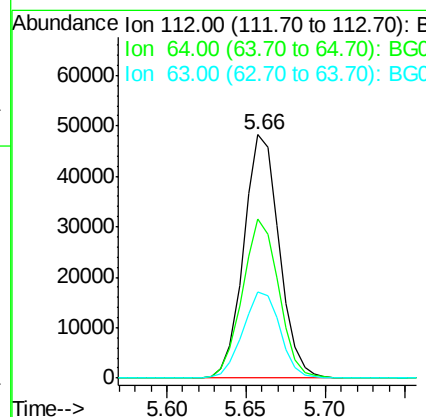
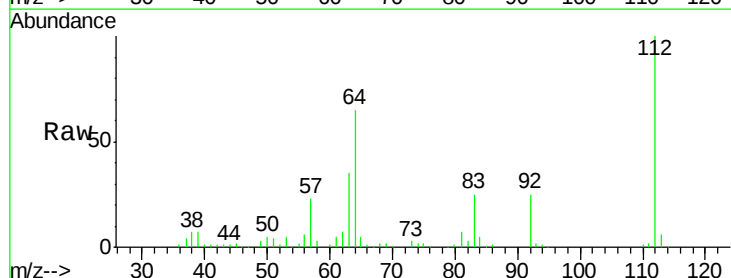
Tot Ion:152 Resp: 27183
Ion Ratio Lower Upper
152 100
150 161.5 115.0 172.4
115 59.1 43.9 65.9

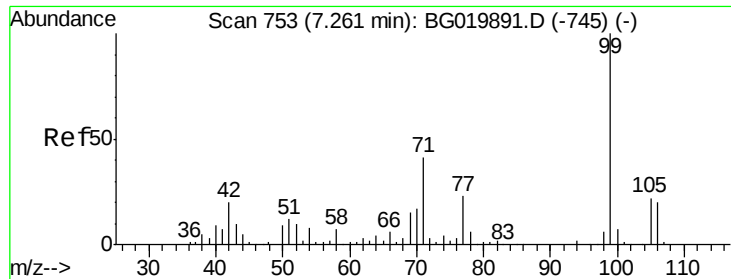


#5

2-Fluorophenol
Concen: 49.79 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Tgt Ion:112 Resp: 74878
Ion Ratio Lower Upper
112 100
64 65.5 43.7 65.5
63 35.5 24.0 36.0





#7

Phenol-d6

Concen: 32.50 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

Instrument :

BNA_G

ClientSampleId :

120115-A264-E-D-M

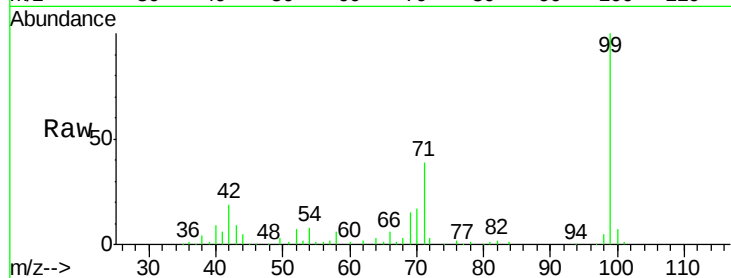
Tot Ion: 99 Resp: 73801

Ion Ratio Lower Upper

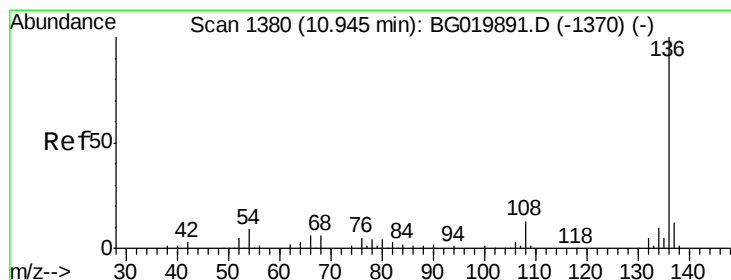
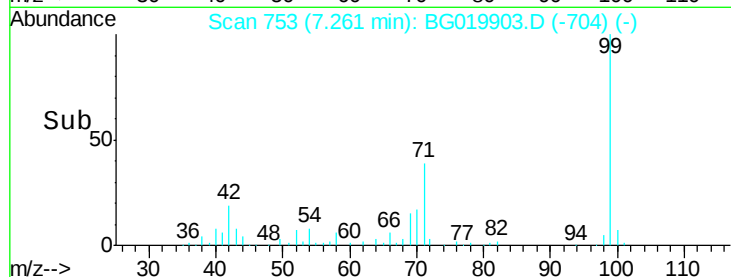
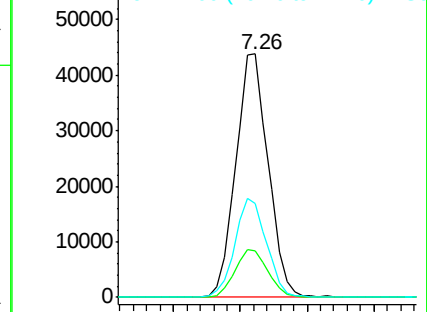
99 100

42 19.0 11.5 17.3#

71 38.8 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

Tgt Ion: 136 Resp: 122243

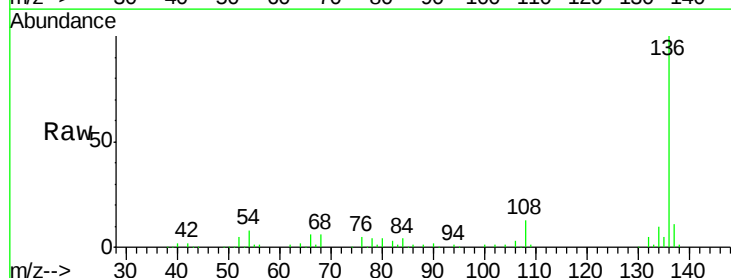
Ion Ratio Lower Upper

136 100

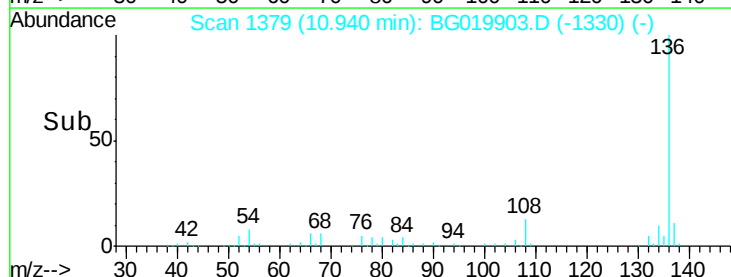
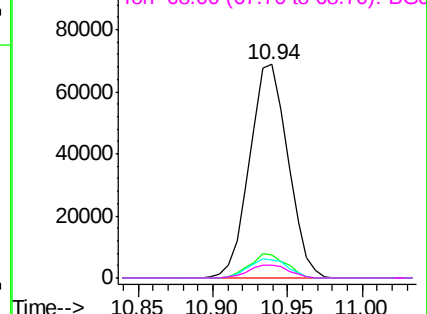
137 10.9 8.6 12.8

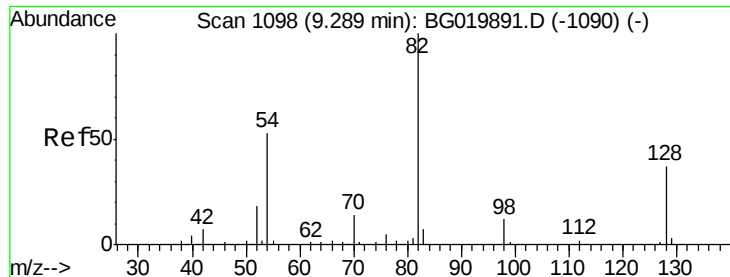
54 8.4 5.4 8.2#

68 6.0 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

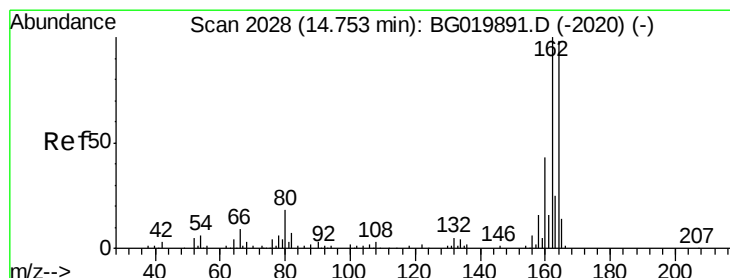
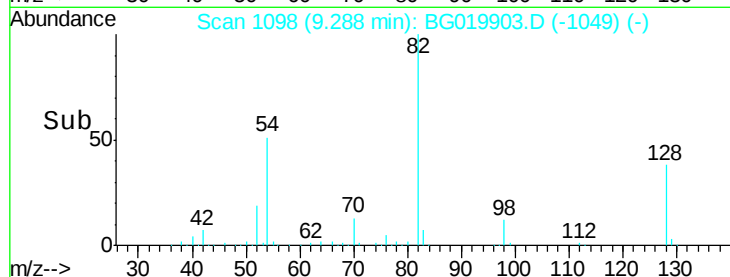
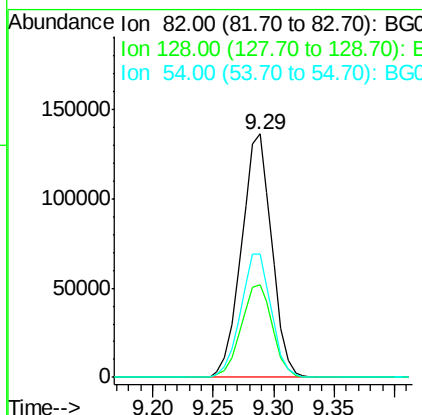
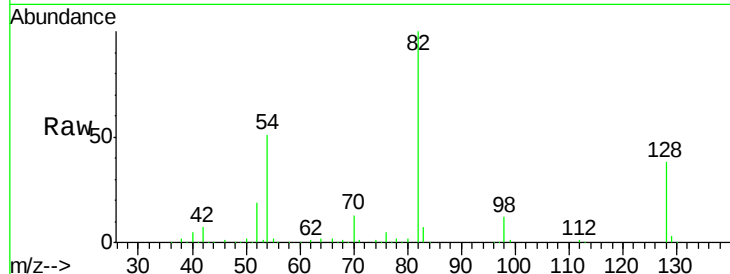


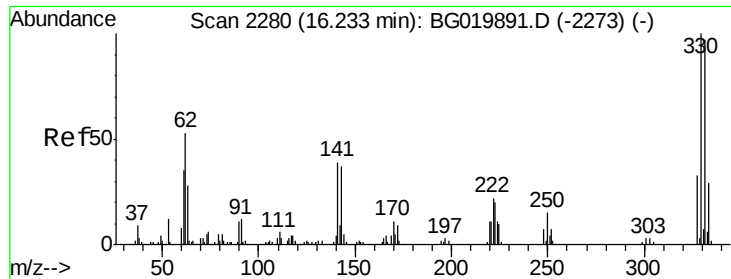


#23
 Nitrobenzene-d5
 Concen: 99.41 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Instrument :
 BNA_G
 ClientSampleId :
 120115-A264-E-D-M

Tot Ion: 82 Resp: 238122
 Ion Ratio Lower Upper
 82 100
 128 37.9 36.7 55.1
 54 50.8 33.8 50.8#

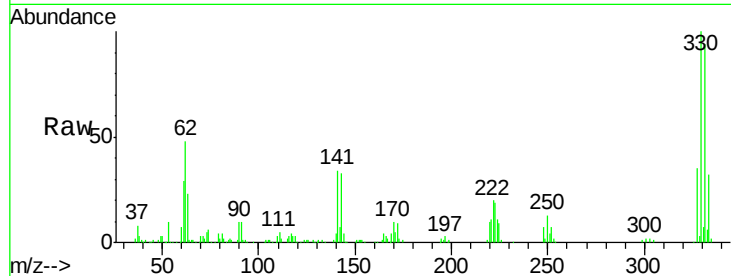




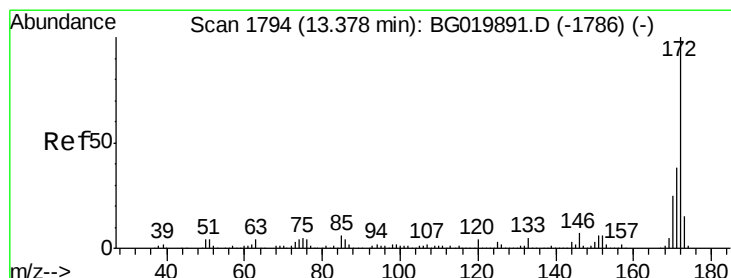
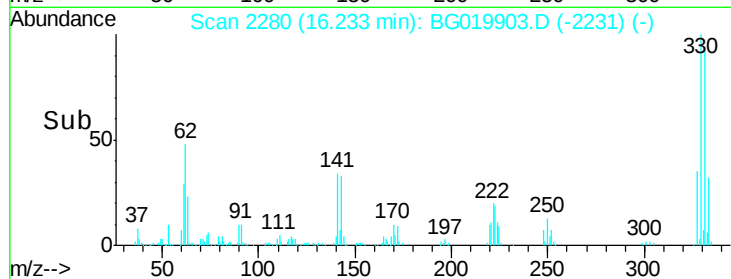
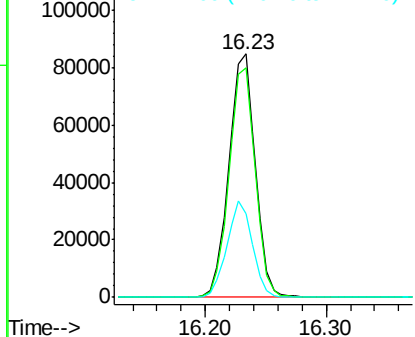
#41
 2,4,6-Tribromophenol
 Concen: 93.33 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Instrument :
 BNA_G
 ClientSampleId :
 120115-A264-E-D-M

Tot Ion:330 Resp: 128484
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.1 117.1
 141 38.2 28.2 42.2

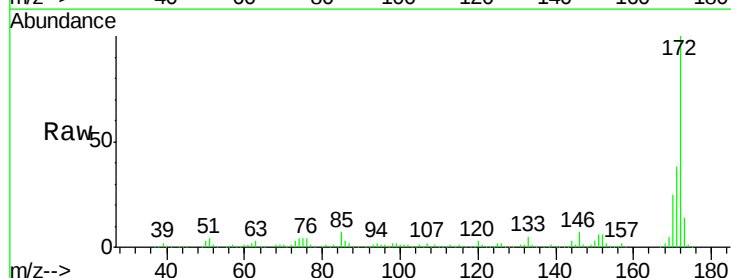


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

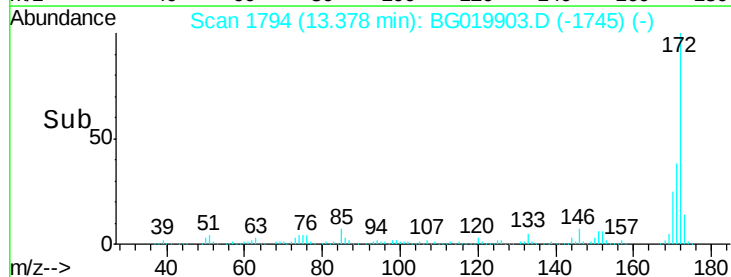
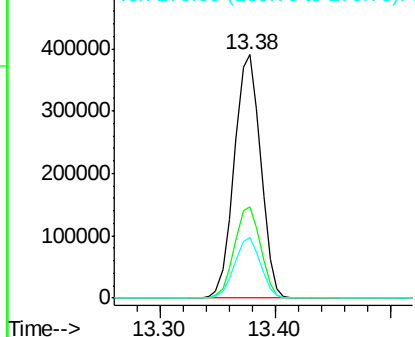


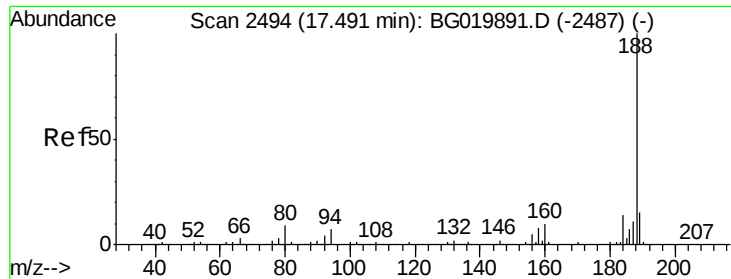
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019903.D
 Acq: 4 Dec 2015 12:11

Tgt Ion:172 Resp: 617332
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.8 19.9 29.9



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

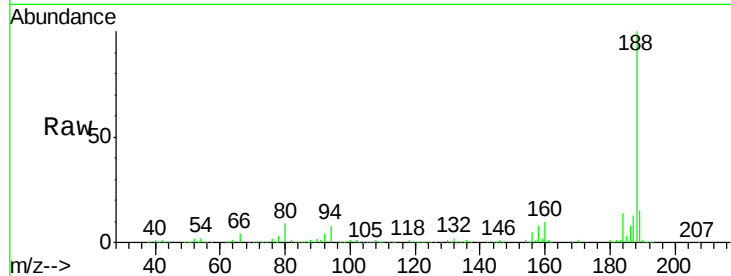




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

Instrument :
BNA_G
ClientSampleId :
120115-A264-E-D-M

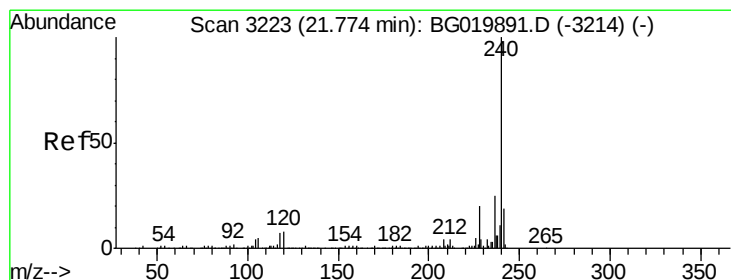
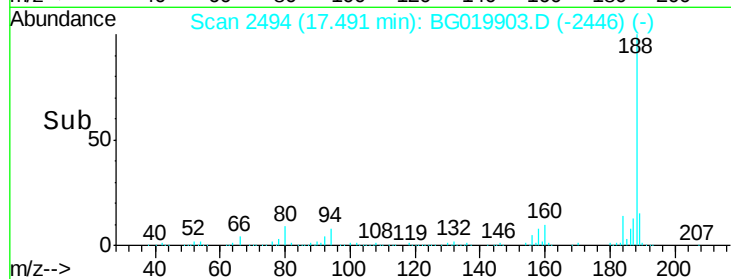
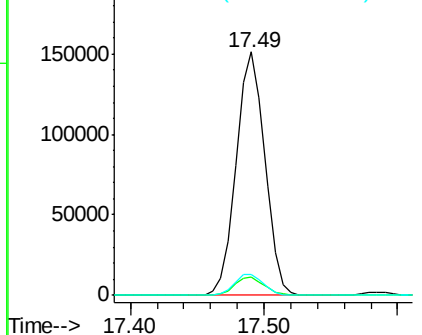
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.7	11.5
80	8.8	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E

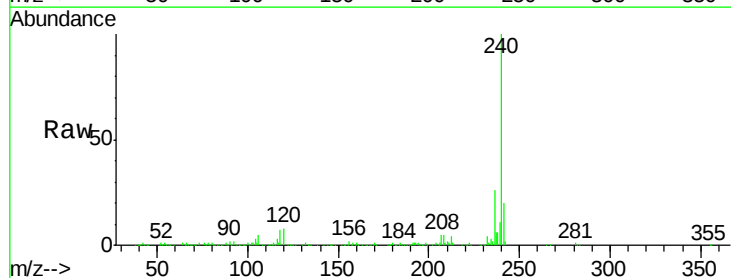
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019903.D
Acq: 4 Dec 2015 12:11

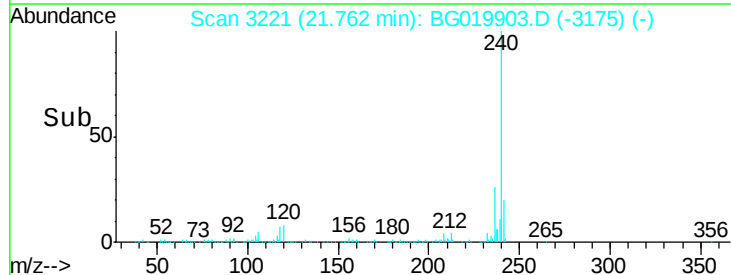
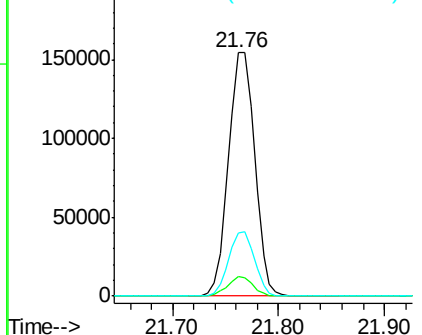
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.4	11.0
236	26.1	20.7	31.1

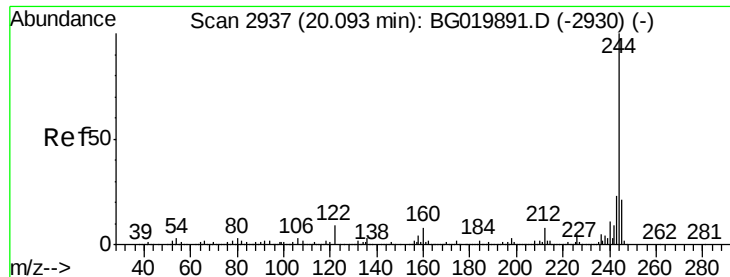


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.74 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

Instrument :

BNA_G

ClientSampleId :

120115-A264-E-D-M

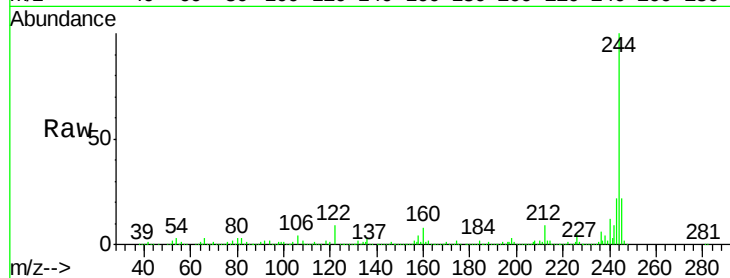
Tot Ion:244 Resp: 1031507

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

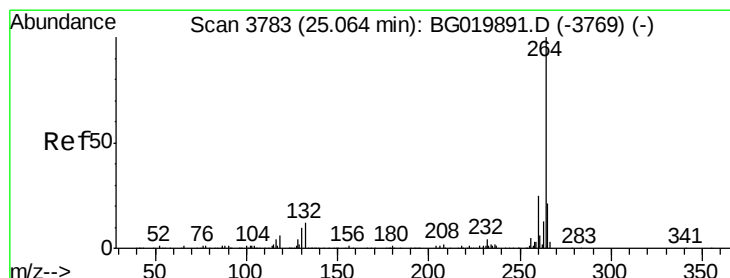
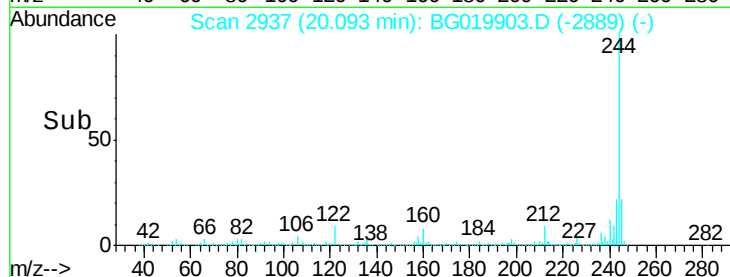
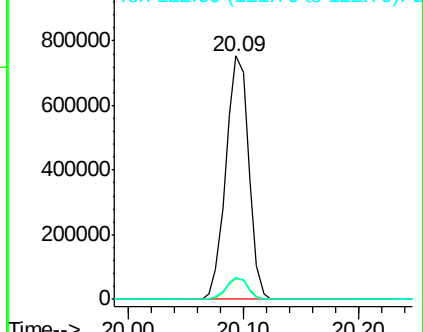
122 9.1 10.2 15.2#



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: 25.05 min Scan# 3781

Delta R.T. -0.04 min

Lab File: BG019903.D

Acq: 4 Dec 2015 12:11

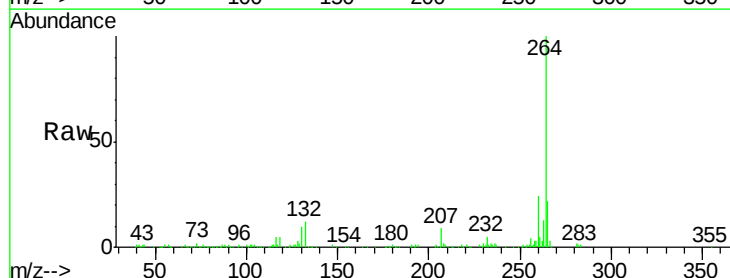
Tgt Ion:264 Resp: 249844

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.9 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

