

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020032.D
 Acq On : 9 Dec 2015 7:28
 Operator : UM/SJ
 Sample : G4677-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-B

Quant Time: Dec 09 14:23:52 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	17847	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80182	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	59659	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	139004	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167668	20.00	ng	-0.04
86) Perylene-d12	25.03	264	157870	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	42968	43.51	ng	-0.01
7) Phenol-d6	7.26	99	38374	25.74	ng	-0.02
23) Nitrobenzene-d5	9.28	82	152299	96.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	76087	83.35	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	382468	87.54	ng	-0.02
78) Terphenyl-d14	20.08	244	605439	88.08	ng	-0.03

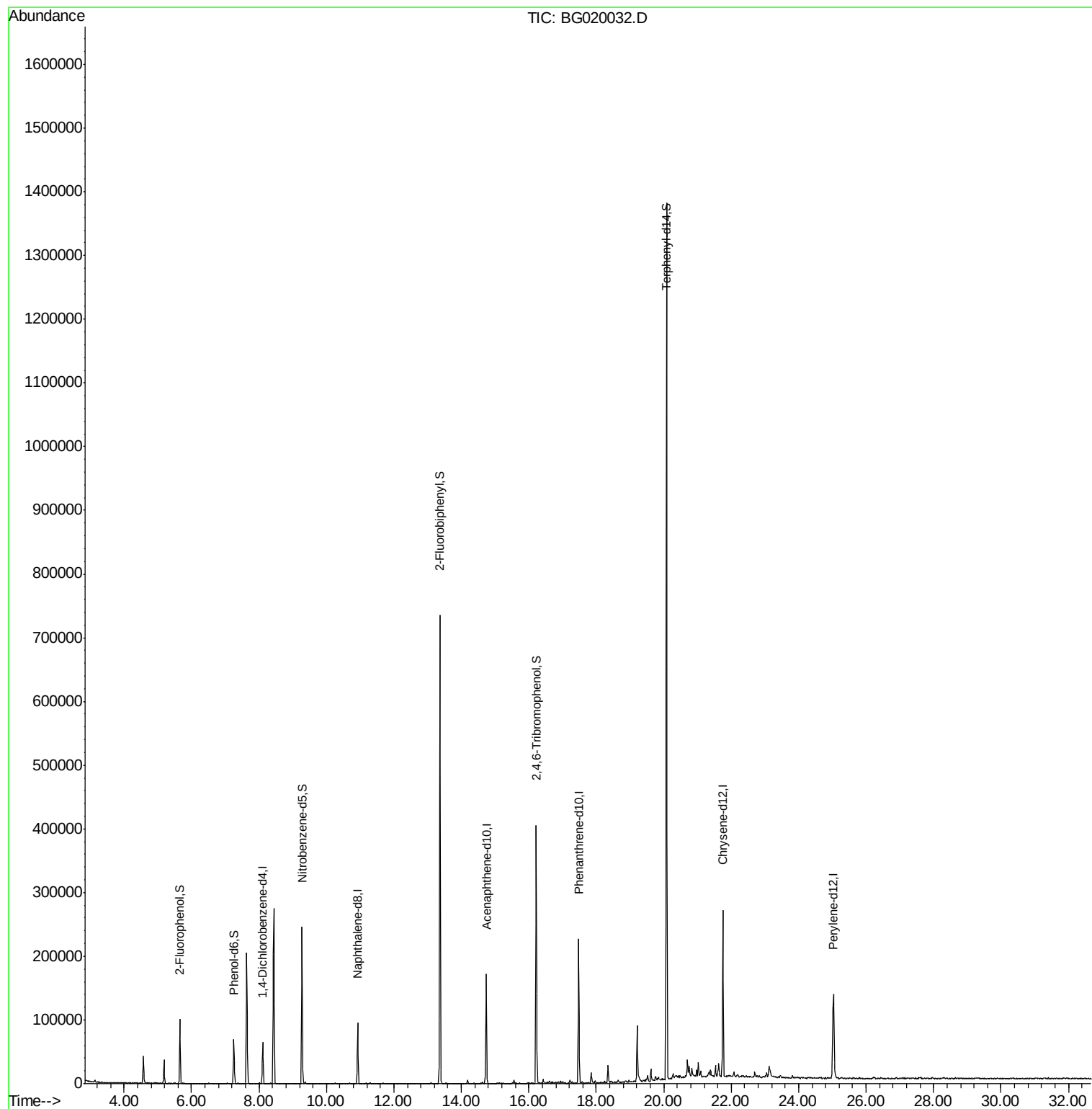
Target Compounds	Qvalue
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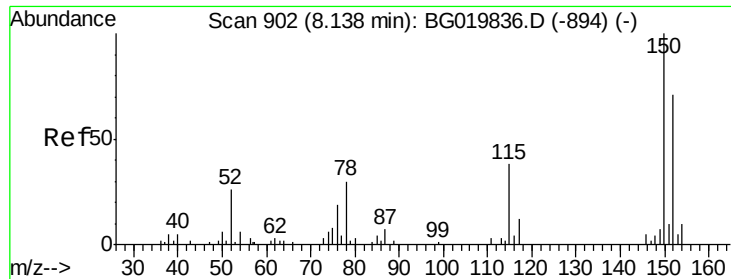
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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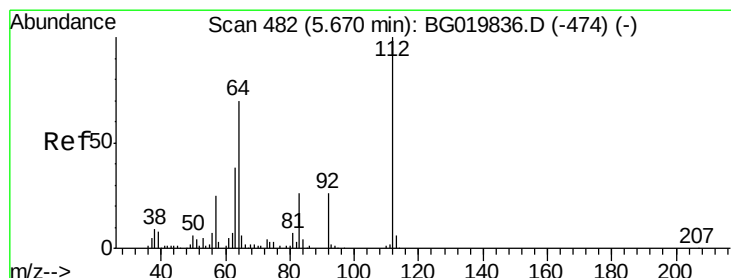
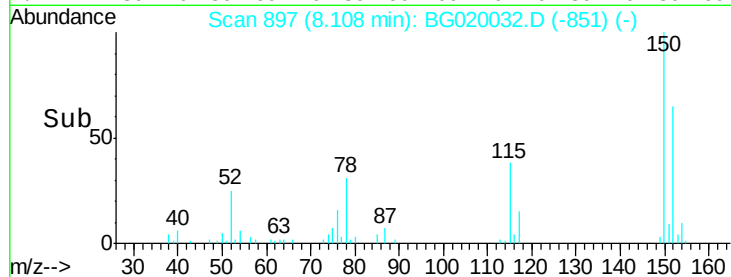
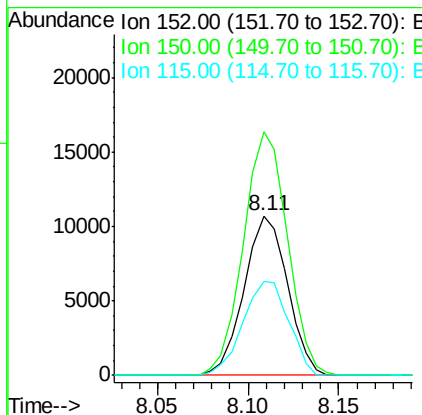
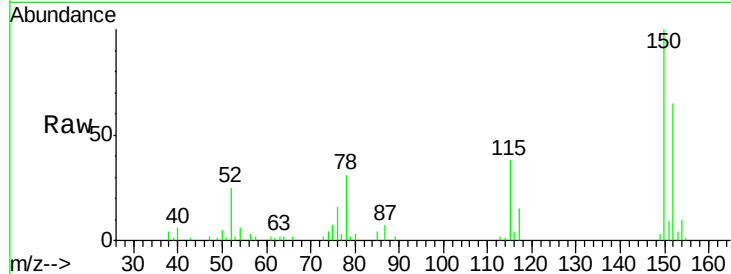


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020032.D
Acq: 9 Dec 2015 7:28

Instrument :
BNA_G
ClientSampleId :
120315-A263-F-U-B

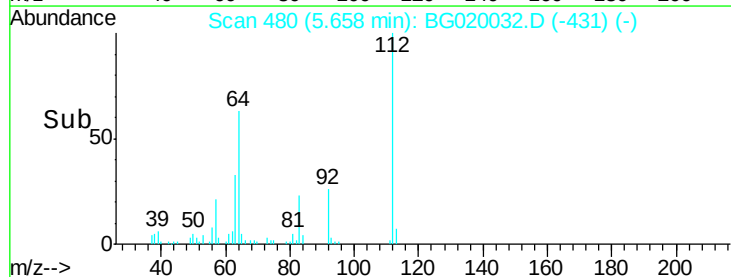
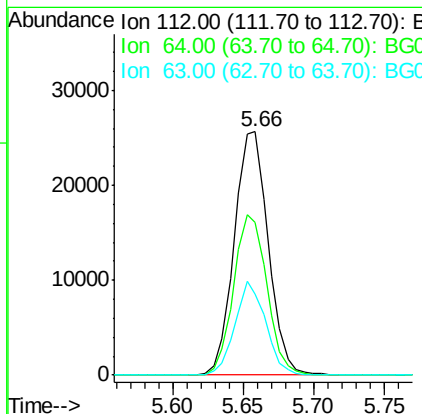
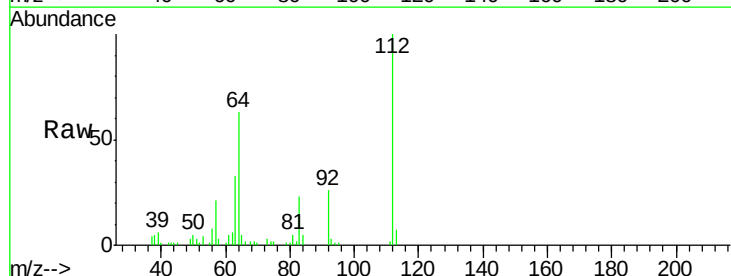
Tgt Ion:152 Resp: 17847
Ion Ratio Lower Upper
152 100
150 152.8 115.0 172.4
115 58.8 43.9 65.9

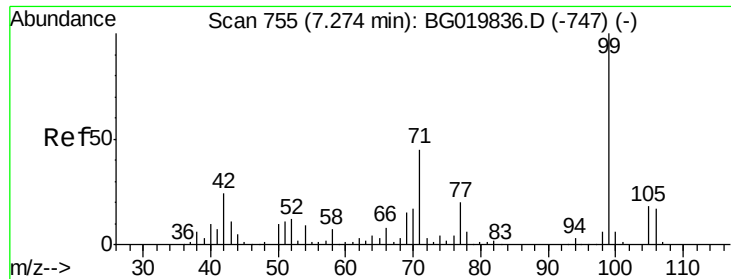


#5

2-Fluorophenol
Concen: 43.51 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020032.D
Acq: 9 Dec 2015 7:28

Tgt Ion:112 Resp: 42968
Ion Ratio Lower Upper
112 100
64 63.0 43.7 65.5
63 33.2 24.0 36.0





#7

Phenol-d6

Concen: 25.74 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020032.D

Acq: 9 Dec 2015 7:28

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-U-B

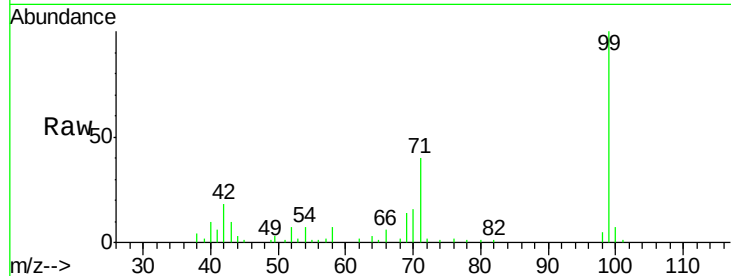
Tgt Ion: 99 Resp: 38374

Ion Ratio Lower Upper

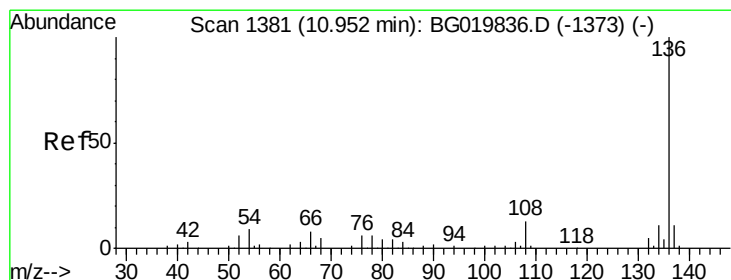
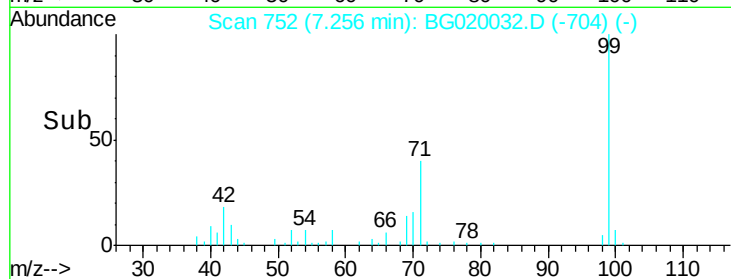
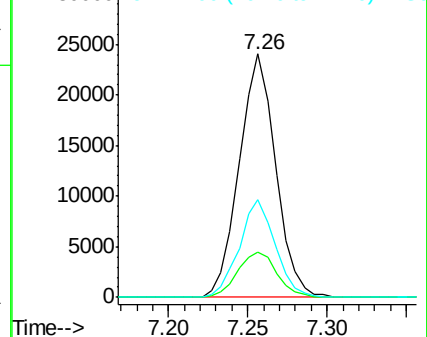
99 100

42 18.4 11.5 17.3#

71 39.9 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: BG020032.D

Acq: 9 Dec 2015 7:28

Tgt Ion: 136 Resp: 80182

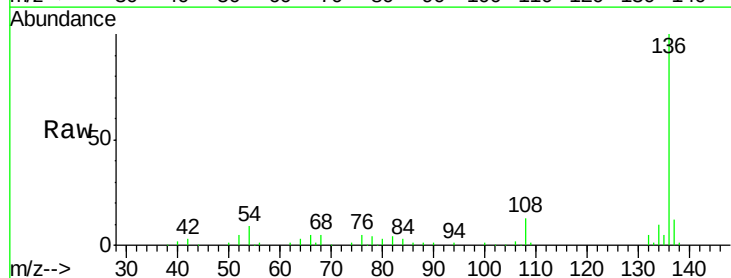
Ion Ratio Lower Upper

136 100

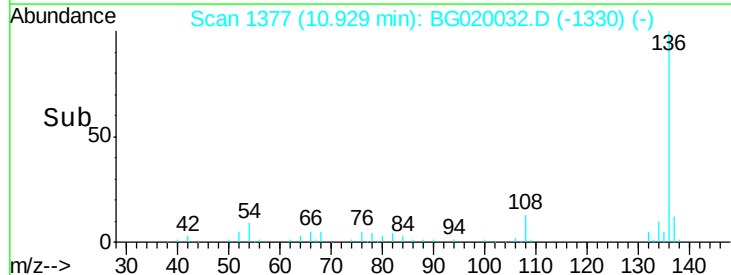
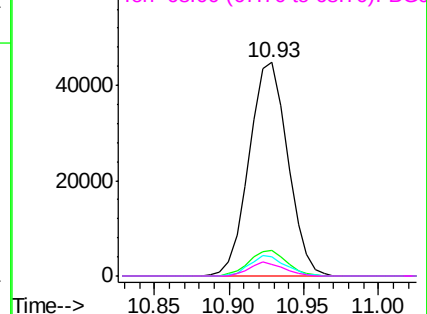
137 12.1 8.6 12.8

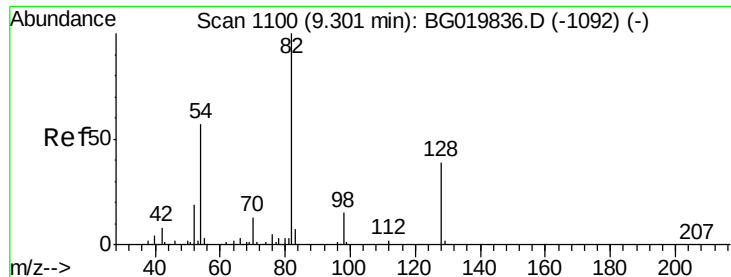
54 9.1 5.4 8.2#

68 5.3 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

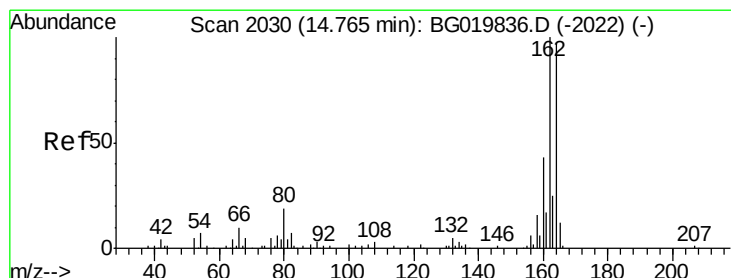
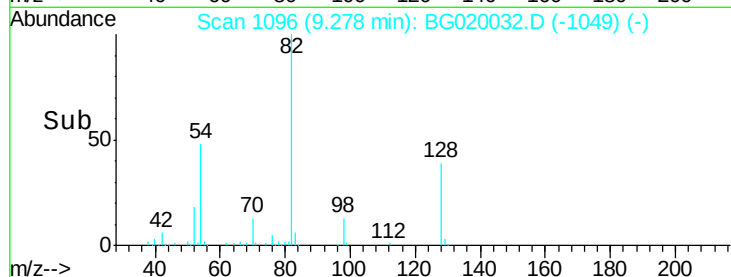
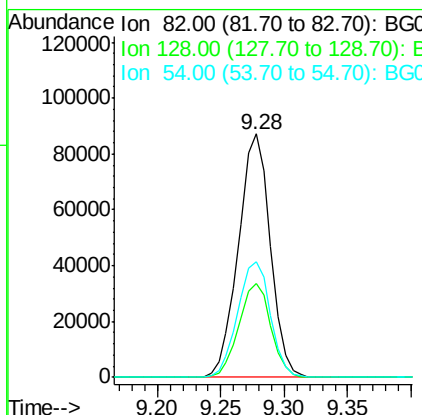
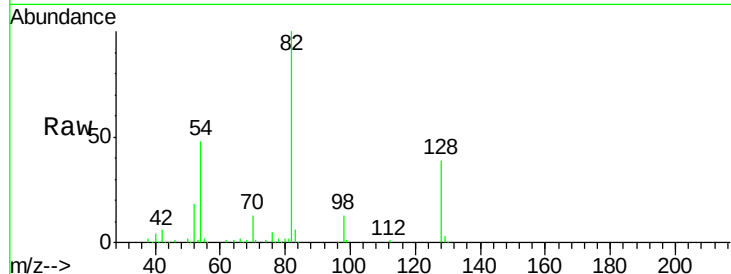




#23
 Nitrobenzene-d5
 Concen: 96.94 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020032.D
 Acq: 9 Dec 2015 7:28

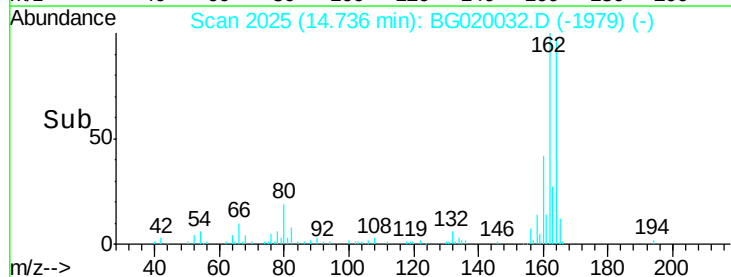
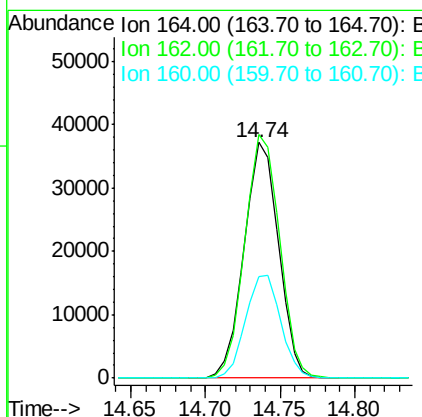
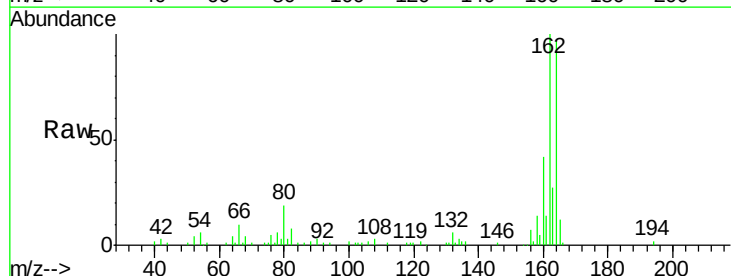
Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-B

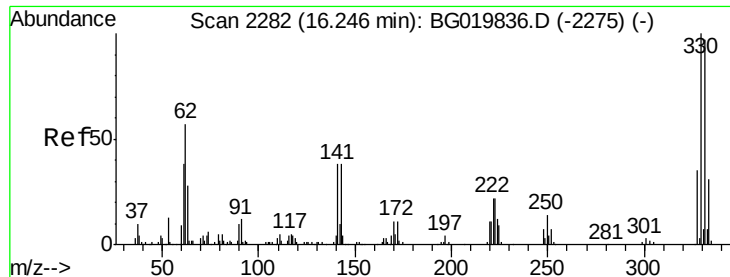
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	36.7	55.1
54	47.6	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020032.D
 Acq: 9 Dec 2015 7:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	43.0	36.4	54.6

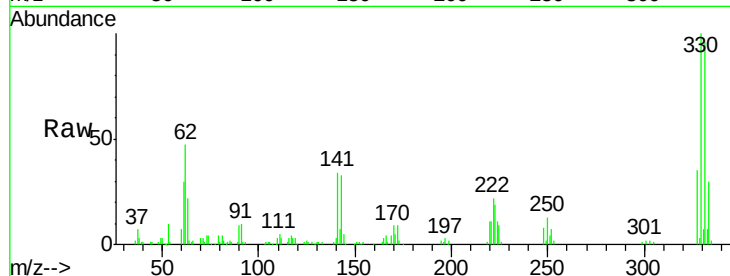




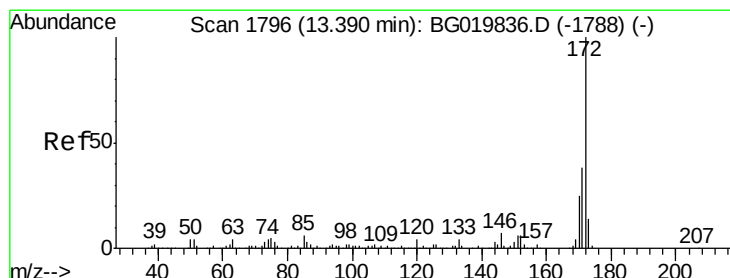
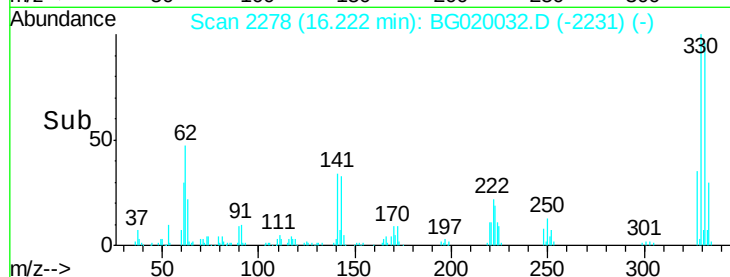
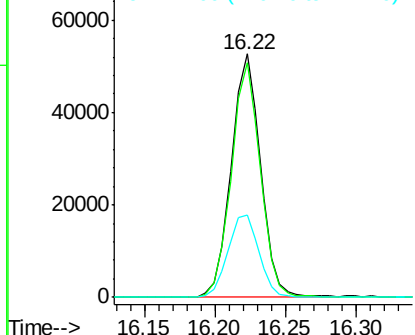
#41
 2,4,6-Tribromophenol
 Concen: 83.35 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020032.D
 Acq: 9 Dec 2015 7:28

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-B

Tgt Ion: 330 Resp: 76087
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.1 117.1
 141 35.7 28.2 42.2

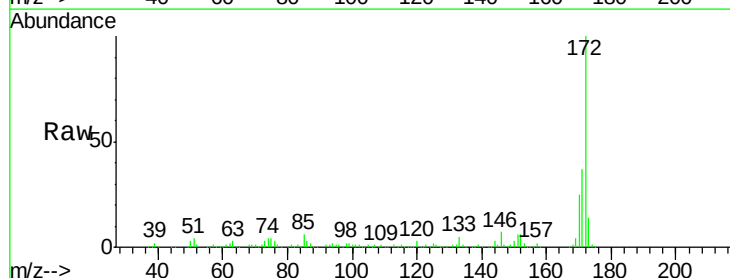


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

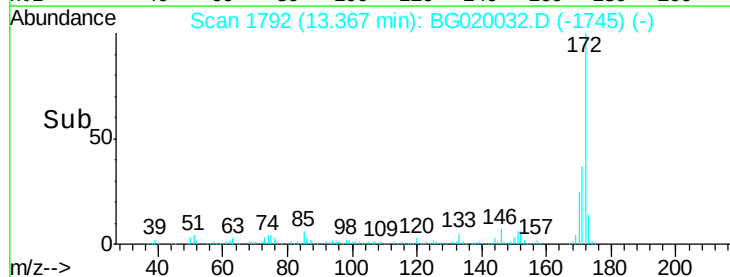
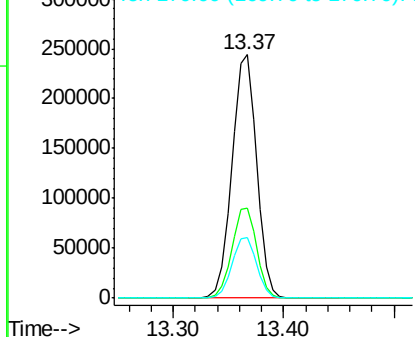


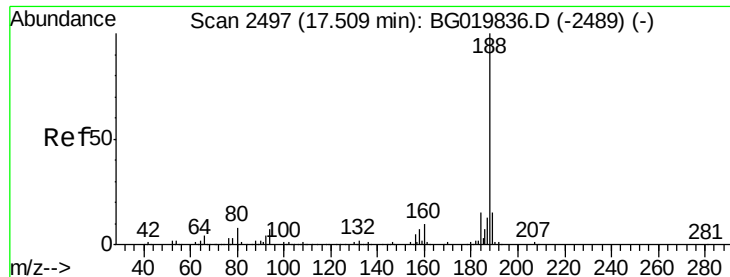
#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020032.D
 Acq: 9 Dec 2015 7:28

Tgt Ion: 172 Resp: 382468
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.1 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

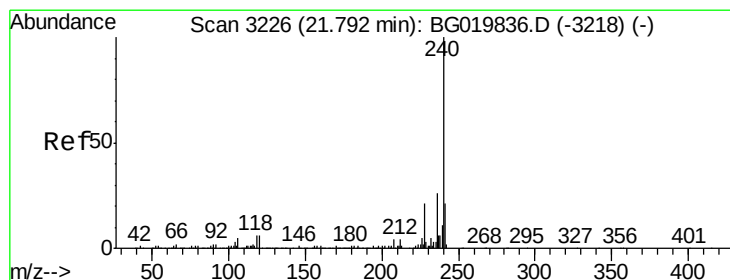
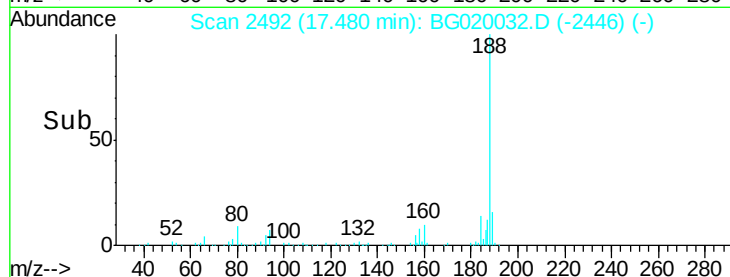
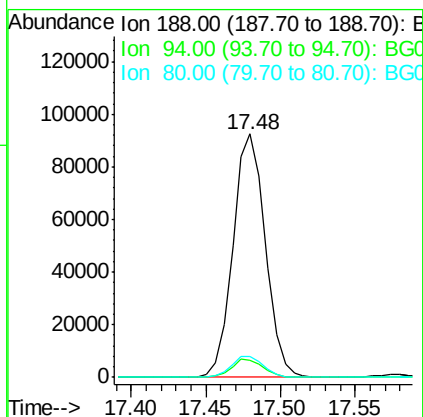
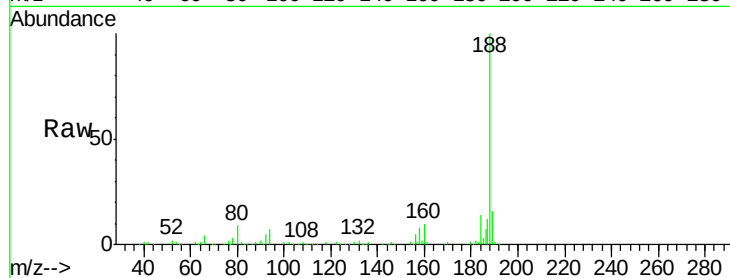




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020032.D
Acq: 9 Dec 2015 7:28

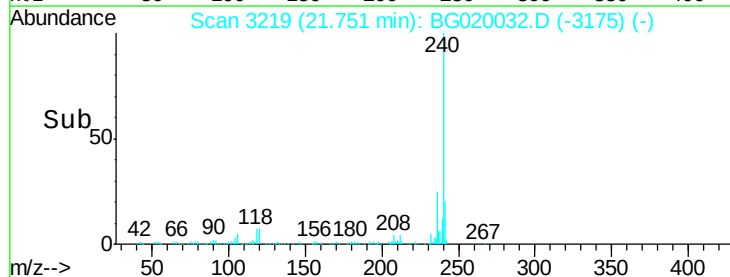
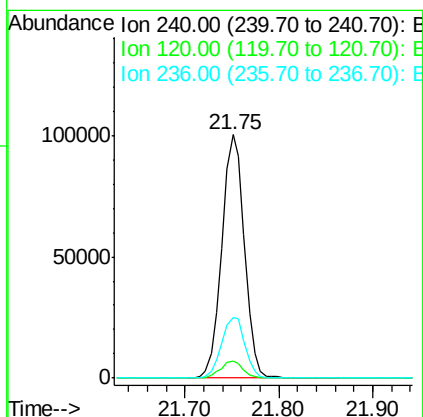
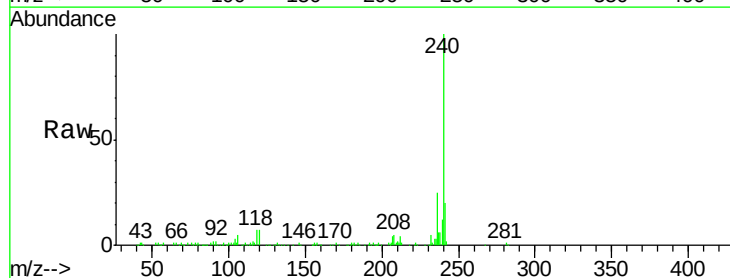
Instrument :
BNA_G
ClientSampleId :
120315-A263-F-U-B

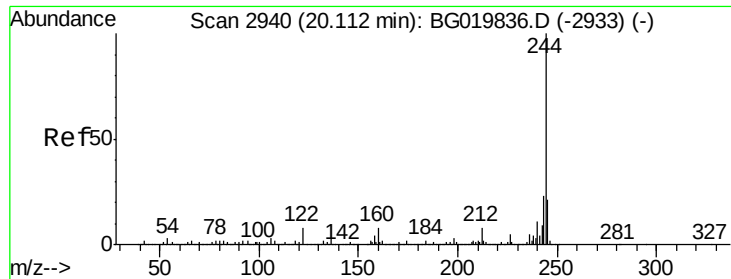
Tgt Ion:188 Resp: 139004
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 8.6 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020032.D
Acq: 9 Dec 2015 7:28

Tgt Ion:240 Resp: 167668
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 88.08 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020032.D

Acq: 9 Dec 2015 7:28

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-U-B

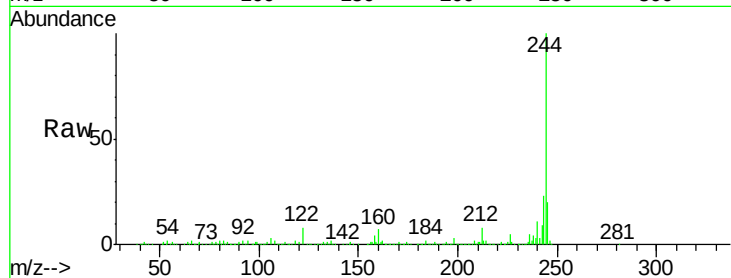
Tgt Ion:244 Resp: 605439

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

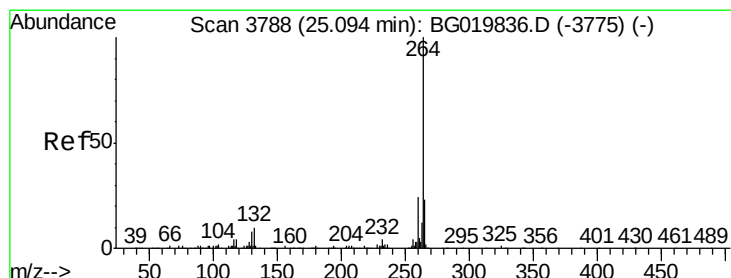
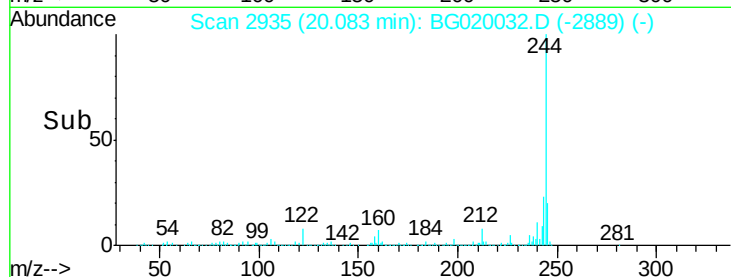
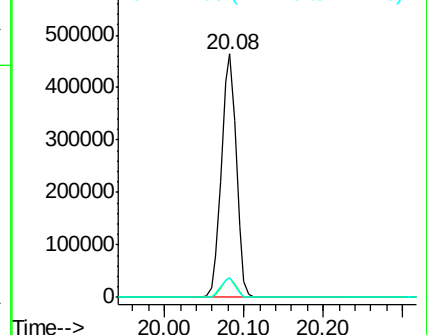
122 7.8 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020032.D

Acq: 9 Dec 2015 7:28

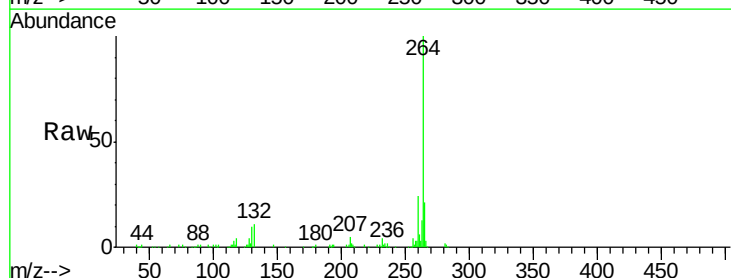
Tgt Ion:264 Resp: 157870

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.1 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

