

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020125.D
 Acq On : 12 Dec 2015 3:17
 Operator : UM/SJ
 Sample : G4755-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-B

Quant Time: Dec 12 04:10:29 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	8.10	152	21698	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	91890	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	67232	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	184402	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	218823	20.00	ng	-0.05
86) Perylene-d12	25.00	264	204217	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	57598	47.98	ng	-0.02
7) Phenol-d6	7.25	99	66129	36.48	ng	-0.02
23) Nitrobenzene-d5	9.27	82	150725	83.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	86006	83.61	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	391510	79.51	ng	-0.04
78) Terphenyl-d14	20.07	244	730184	81.39	ng	-0.04

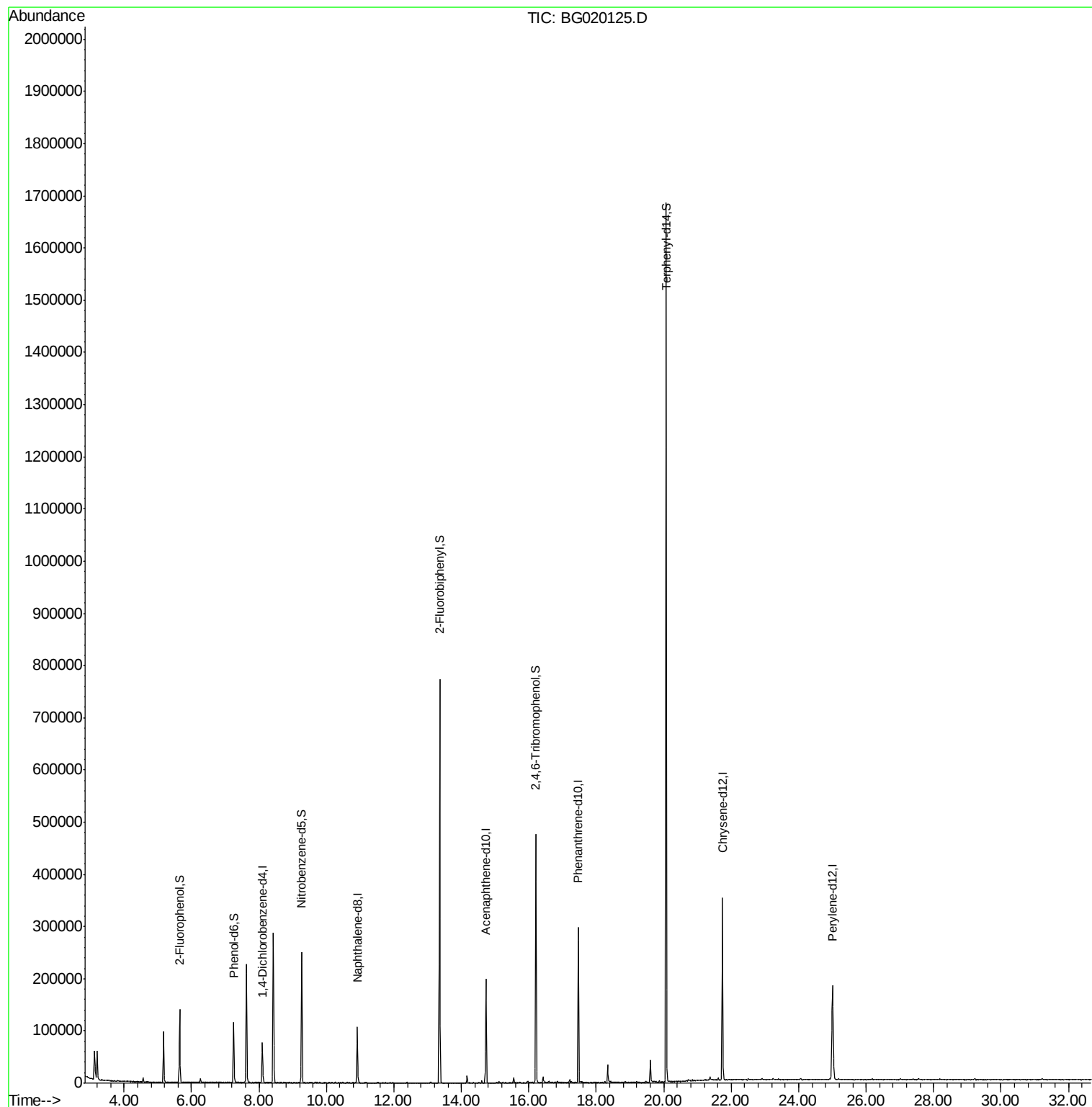
Target Compounds Qvalue

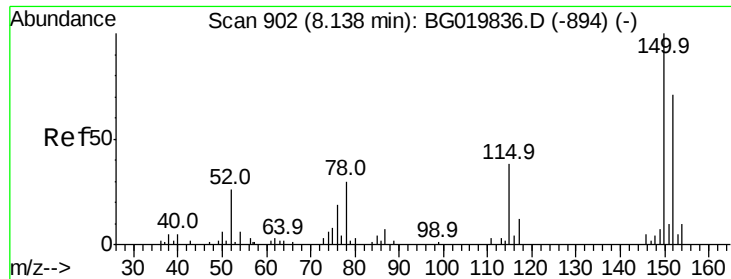
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020125.D

Acq: 12 Dec 2015 3:17

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-B

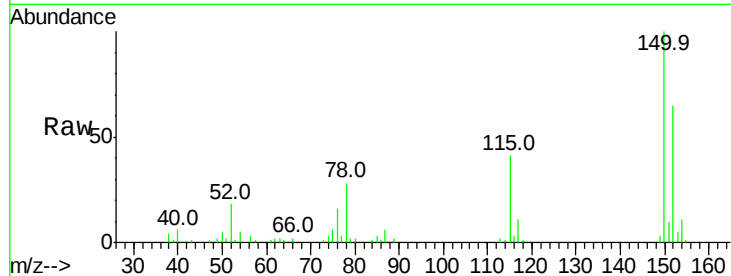
Tot Ion:152 Resp: 21698

Ion Ratio Lower Upper

152 100

150 153.0 115.0 172.4

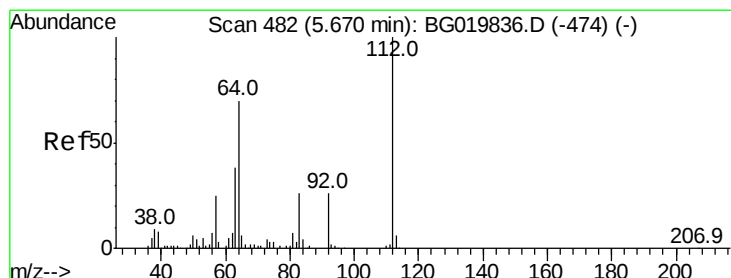
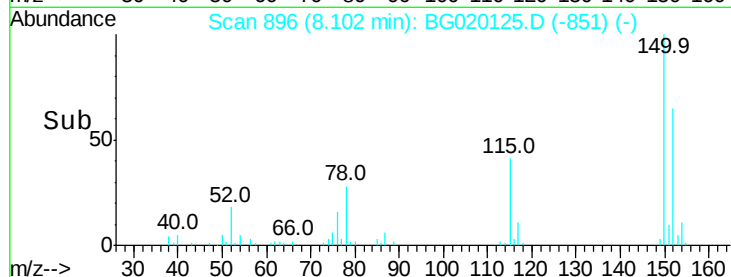
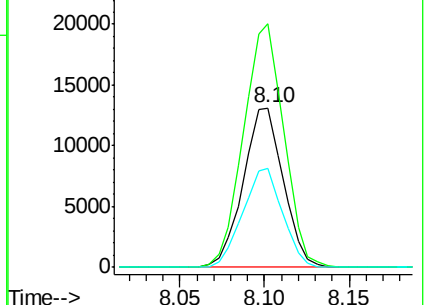
115 62.1 43.9 65.9



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: 47.98 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020125.D

Acq: 12 Dec 2015 3:17

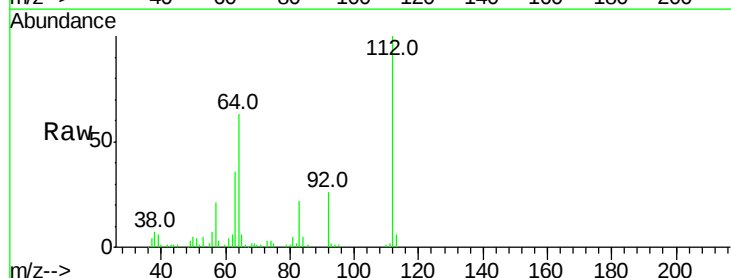
Tgt Ion:112 Resp: 57598

Ion Ratio Lower Upper

112 100

64 62.8 43.7 65.5

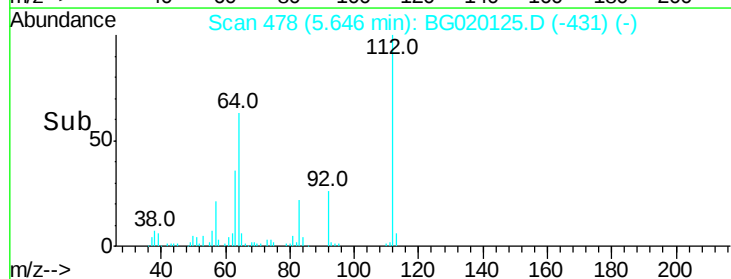
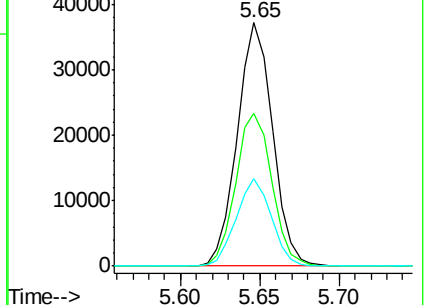
63 35.9 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.48 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020125.D

Acq: 12 Dec 2015 3:17

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-B

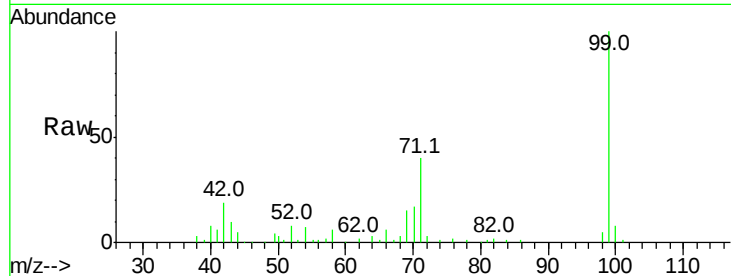
Tot Ion: 99 Resp: 66129

Ion Ratio Lower Upper

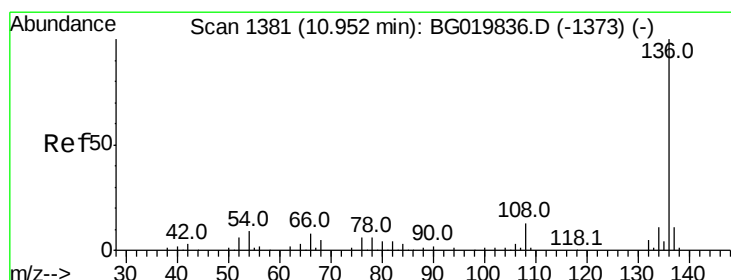
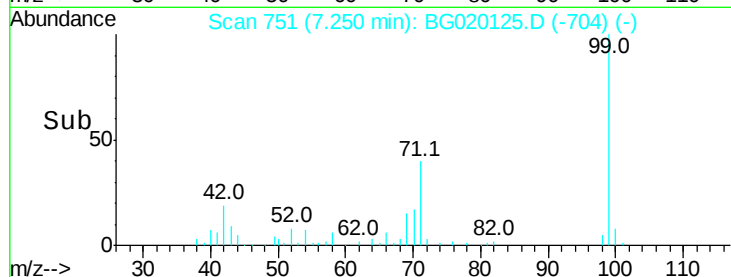
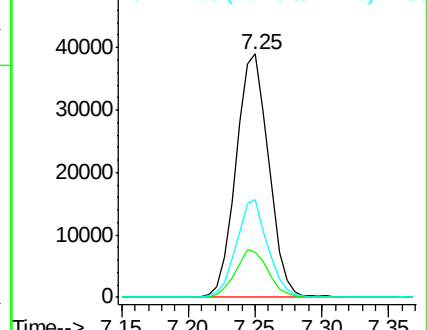
99 100

42 18.6 11.5 17.3#

71 40.2 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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020125.D

Acq: 12 Dec 2015 3:17

Tgt Ion: 136 Resp: 91890

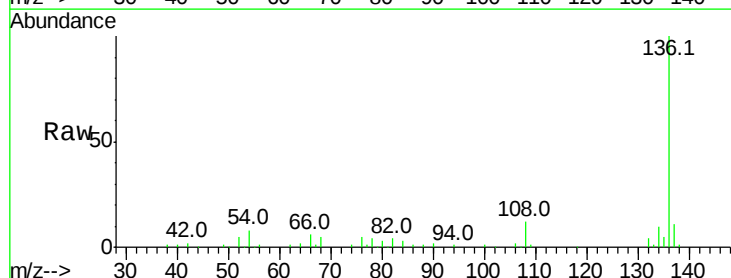
Ion Ratio Lower Upper

136 100

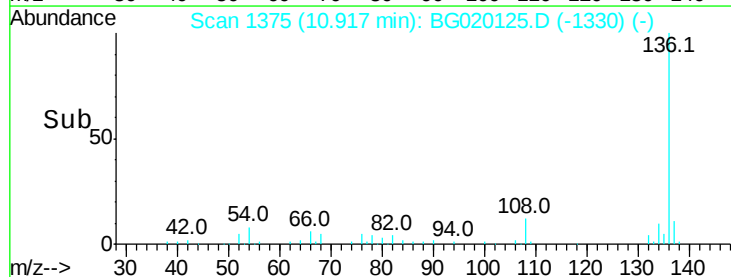
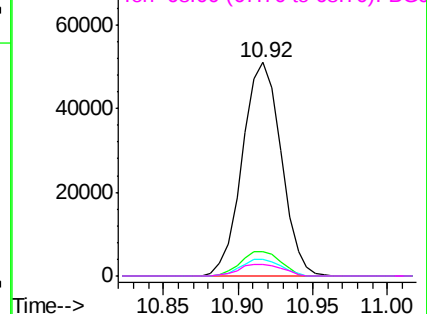
137 11.2 8.6 12.8

54 7.9 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

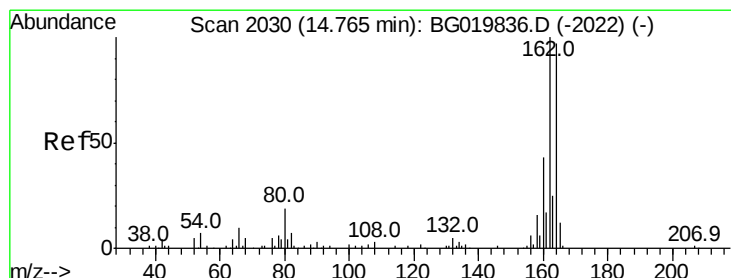
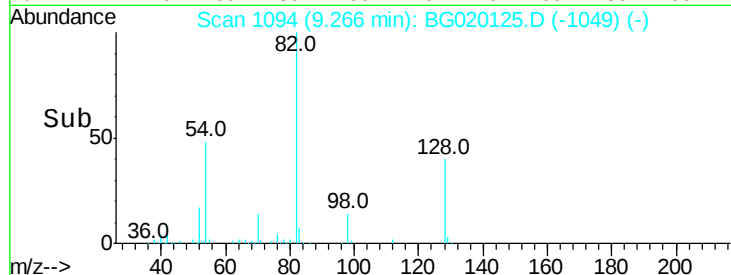
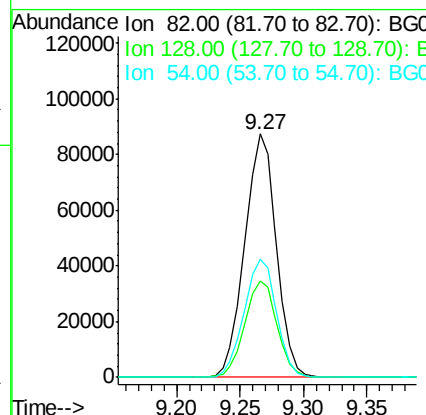
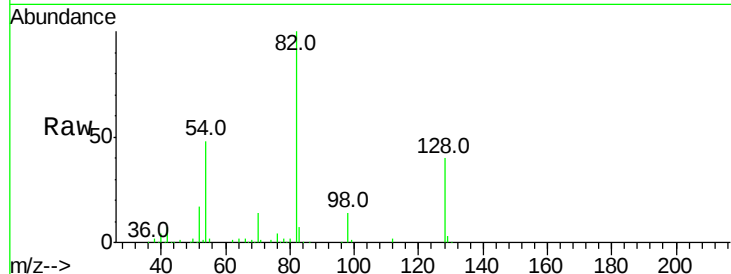




#23
 Nitrobenzene-d5
 Concen: 83.71 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

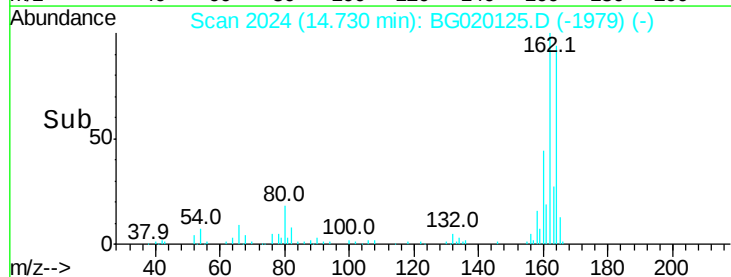
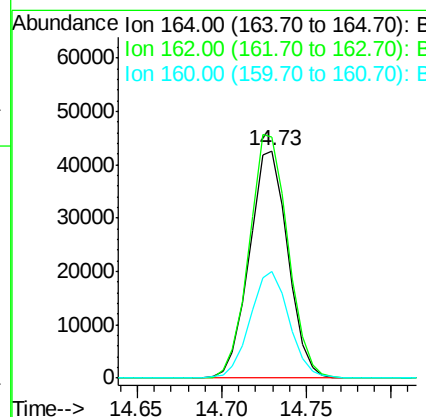
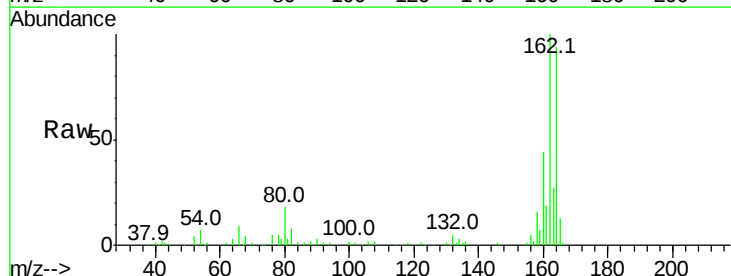
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-B

Tot Ion	82	Resp	150725
Ion Ratio	100	Lower	Upper
128	39.8	36.7	55.1
54	48.4	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

Tgt Ion	164	Resp	67232
Ion Ratio	100	Lower	Upper
162	106.1	78.8	118.2
160	47.1	36.4	54.6

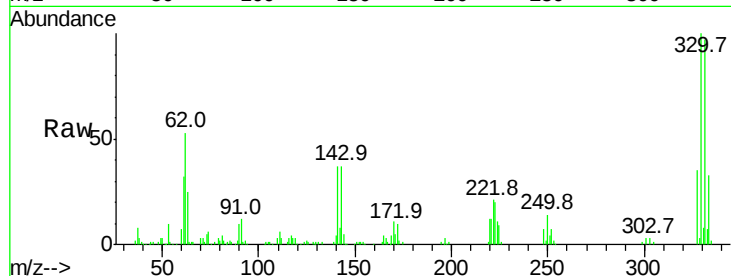




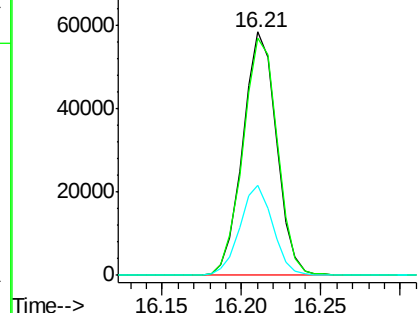
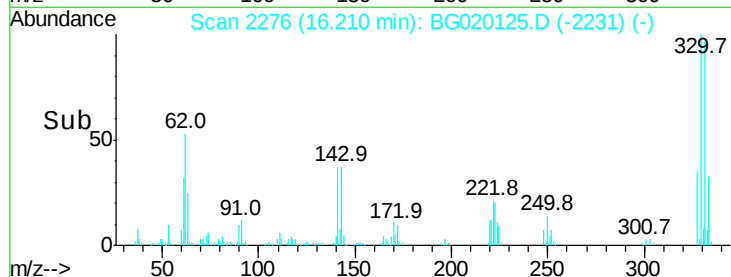
#41
 2,4,6-Tribromophenol
 Concen: 83.61 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	78.1	117.1
141	36.1	28.2	42.2

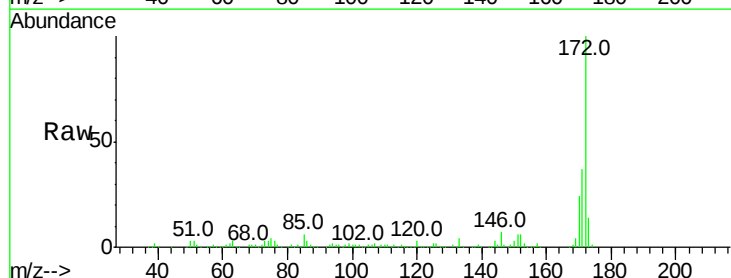


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

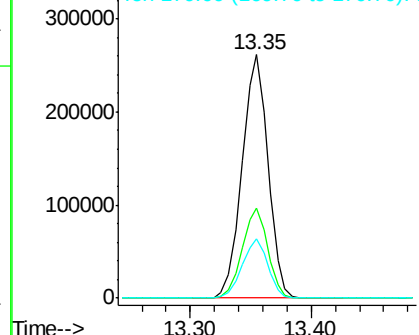
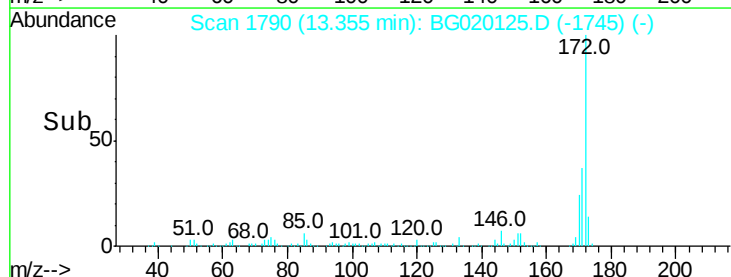


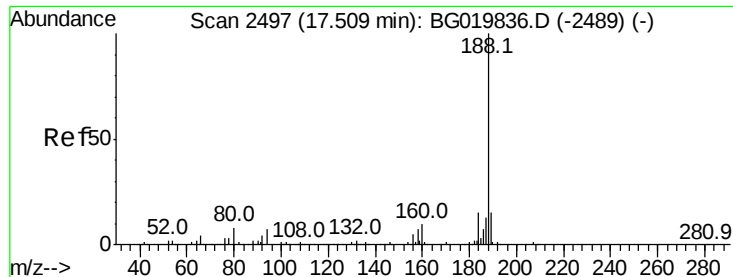
#44
 2-Fluorobiphenyl
 Concen: 79.51 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.2	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

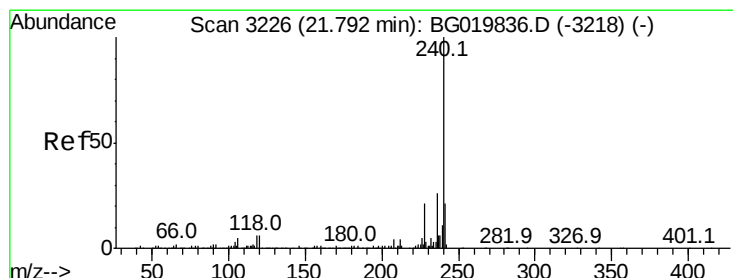
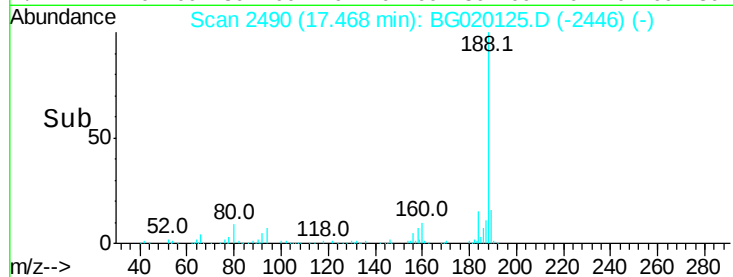
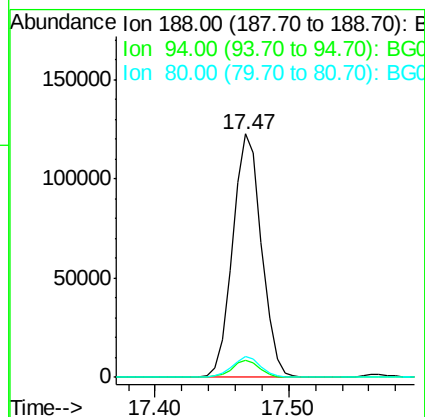
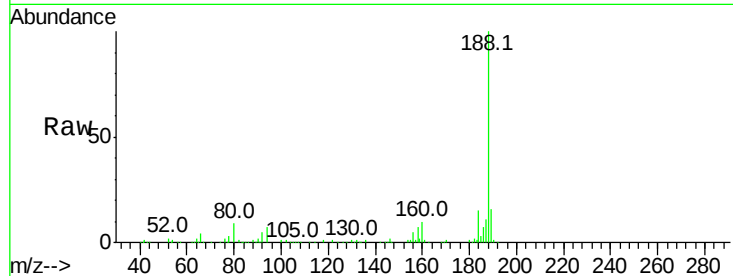




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020125.D
Acq: 12 Dec 2015 3:17

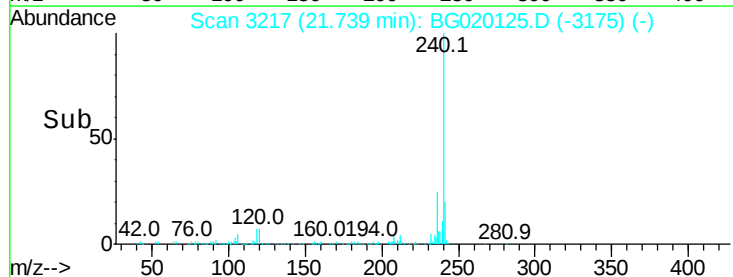
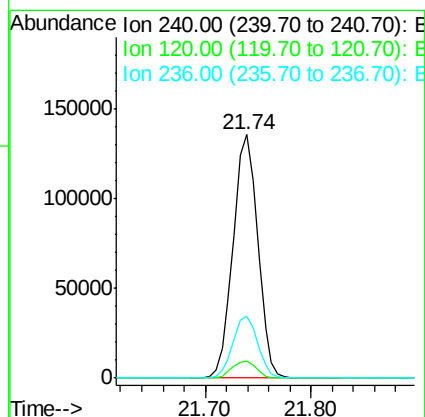
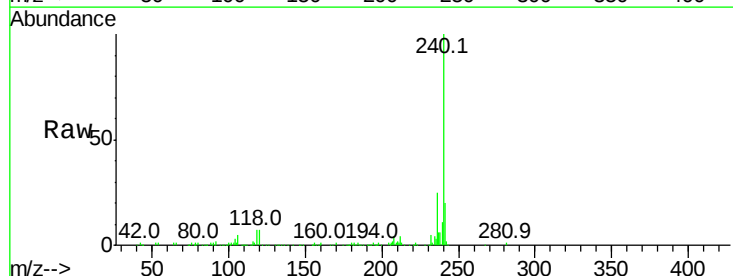
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-B

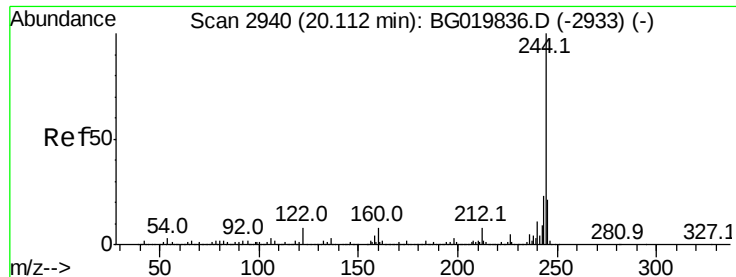
Tot Ion:188 Resp: 184402
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.8 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020125.D
Acq: 12 Dec 2015 3:17

Tgt Ion:240 Resp: 218823
Ion Ratio Lower Upper
240 100
120 6.8 7.4 11.0#
236 25.3 20.7 31.1

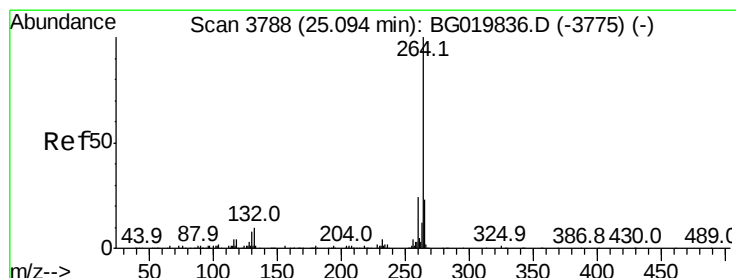
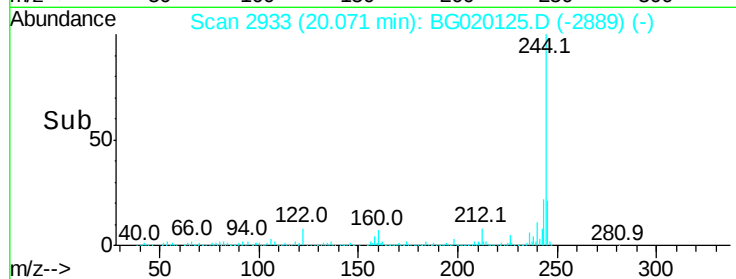
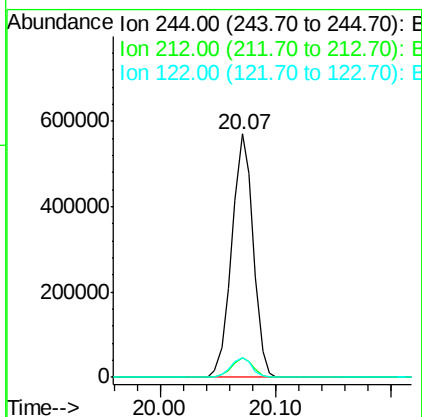
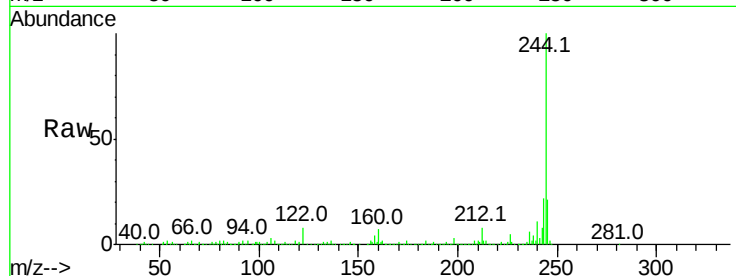




#78
 Terphenyl-d14
 Concen: 81.39 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	8.0	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.00 min Scan# 3772
 Delta R.T. -0.09 min
 Lab File: BG020125.D
 Acq: 12 Dec 2015 3:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.2	17.2	25.8

