

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020045.D
 Acq On : 9 Dec 2015 16:02
 Operator : UM/SJ
 Sample : G4556-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1

Quant Time: Dec 10 01:16:00 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

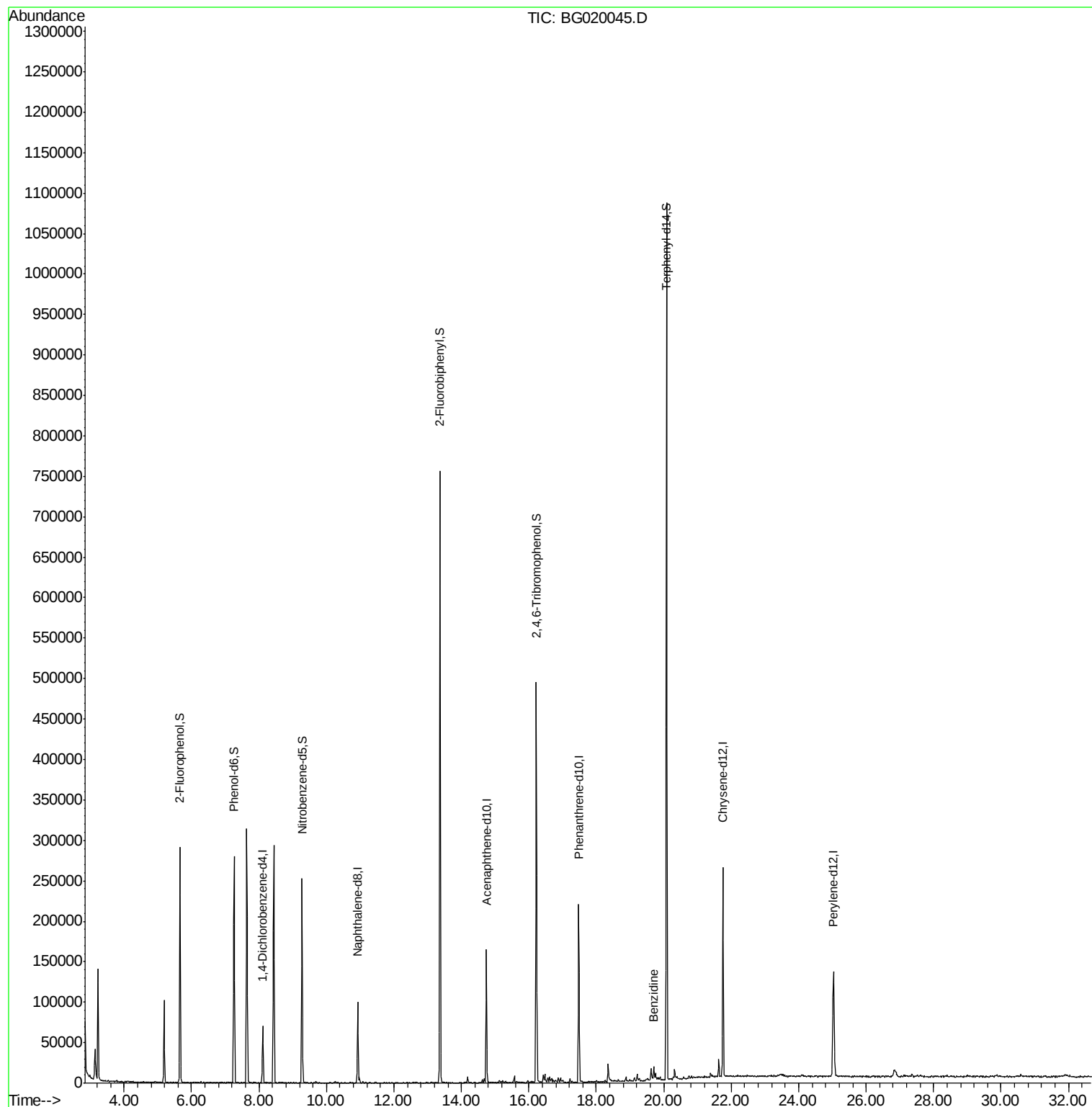
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19399	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	82885	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57406	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	137809	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	164616	20.00	ng	-0.04
86) Perylene-d12	25.03	264	153829	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	118196	110.12	ng	-0.01
7) Phenol-d6	7.26	99	160370	98.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	156018	96.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	91718	104.42	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	380642	90.54	ng	-0.02
78) Terphenyl-d14	20.08	244	484951	71.86	ng	-0.03
Target Compounds						
76) Benzidine	19.70	184	12914	2.39	ng	Qvalue 98

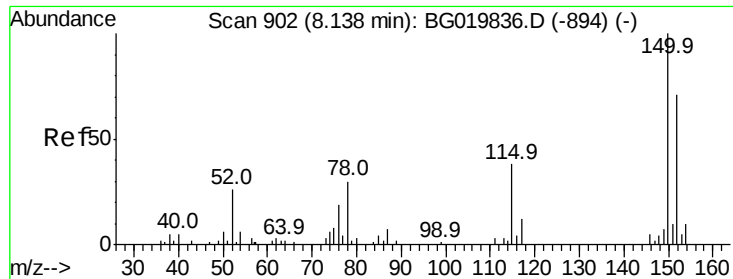
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020045.D

Acq: 9 Dec 2015 16:02

Instrument :

BNA_G

ClientSampleId :

ELP-1

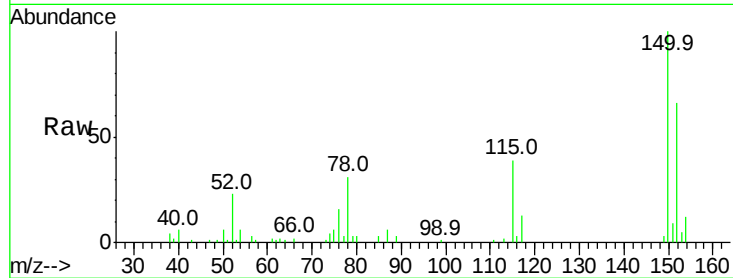
Tot Ion:152 Resp: 19399

Ion Ratio Lower Upper

152 100

150 151.9 115.0 172.4

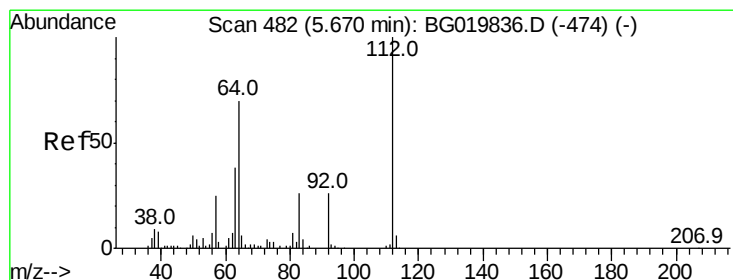
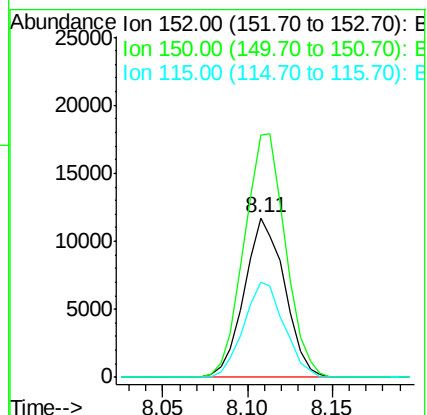
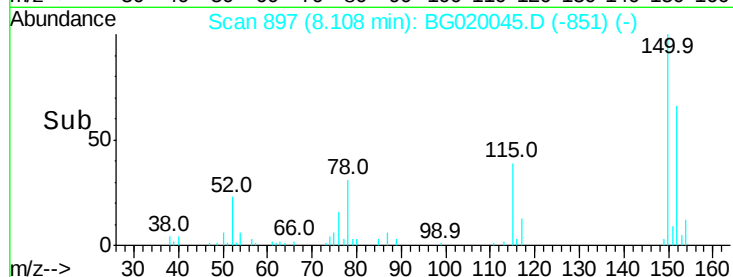
115 59.7 43.9 65.9



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: 110.12 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020045.D

Acq: 9 Dec 2015 16:02

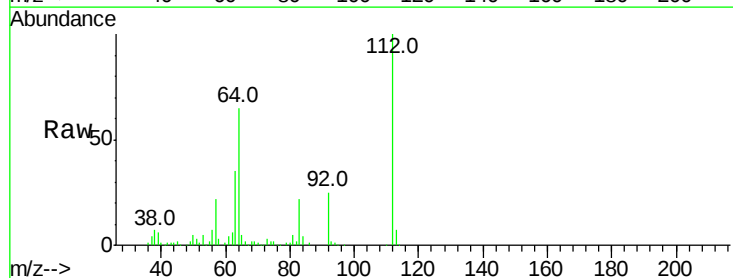
Tgt Ion:112 Resp: 118196

Ion Ratio Lower Upper

112 100

64 64.5 43.7 65.5

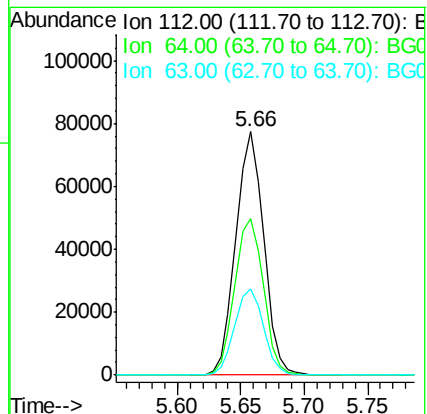
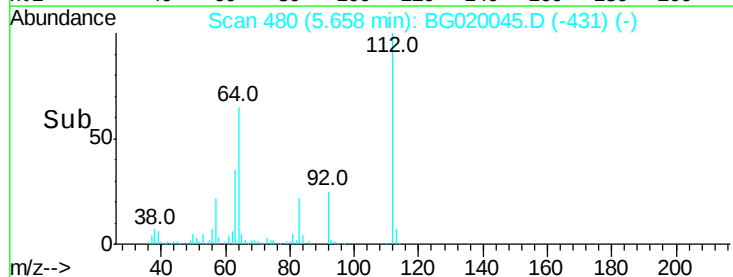
63 35.5 24.0 36.0

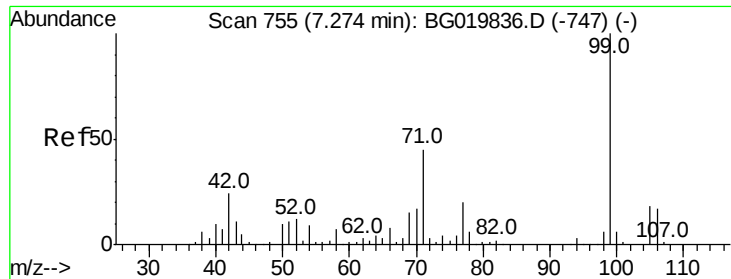


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020045.D

Acq: 9 Dec 2015 16:02

Instrument :

BNA_G

ClientSampleId :

ELP-1

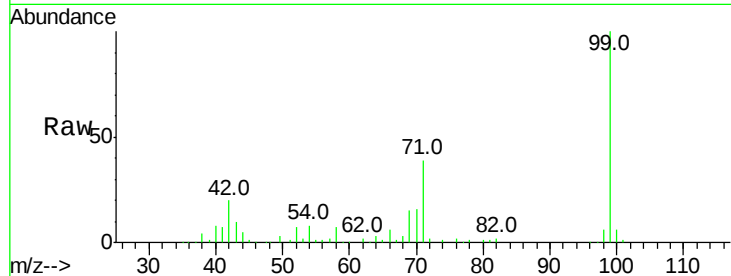
Tot Ion: 99 Resp: 160370

Ion Ratio Lower Upper

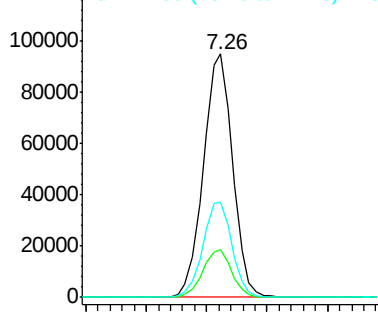
99 100

42 19.6 11.5 17.3#

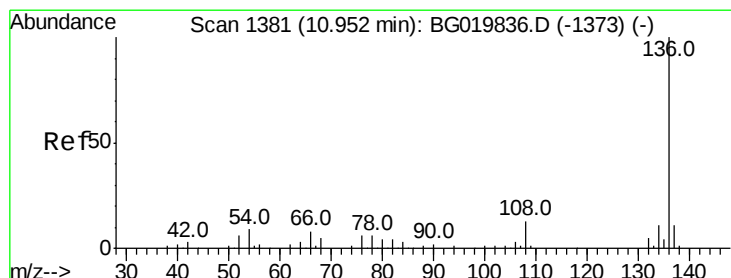
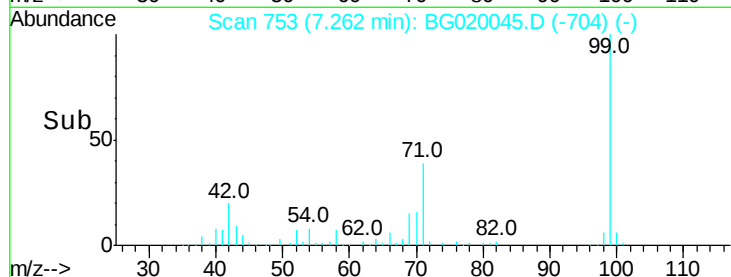
71 39.2 22.6 34.0#



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



Time--> 7.15 7.20 7.25 7.30 7.35



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020045.D

Acq: 9 Dec 2015 16:02

Tgt Ion: 136 Resp: 82885

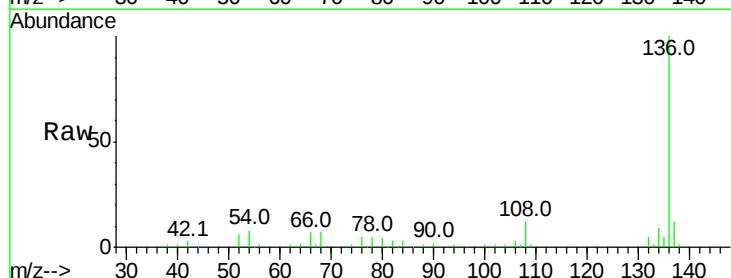
Ion Ratio Lower Upper

136 100

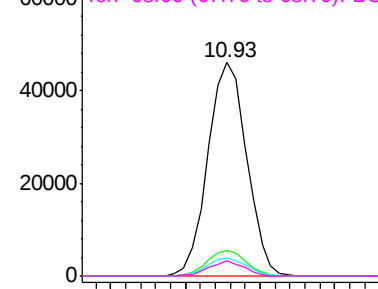
137 12.1 8.6 12.8

54 8.4 5.4 8.2#

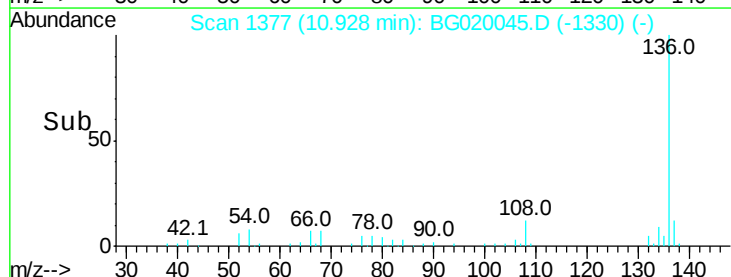
68 7.4 5.3 7.9



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



Time--> 10.85 10.90 10.95 11.00

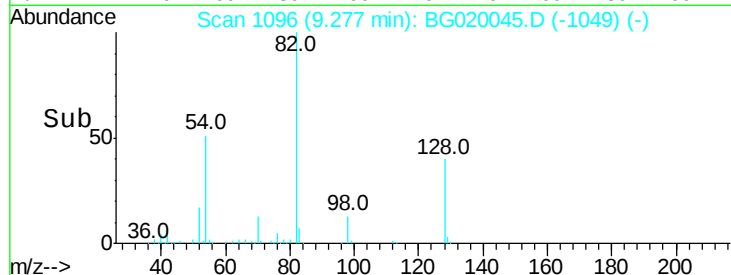
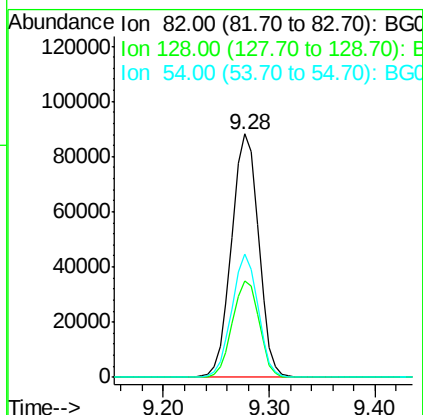
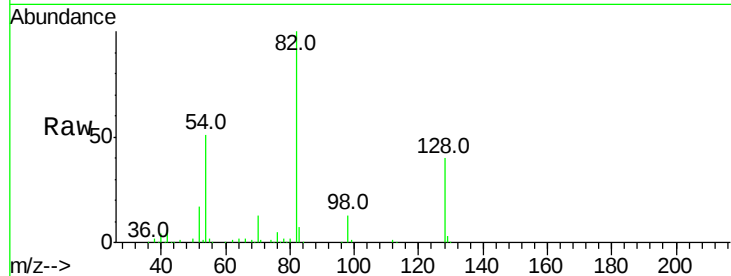




#23
Nitrobenzene-d5
Concen: 96.07 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020045.D
Acq: 9 Dec 2015 16:02

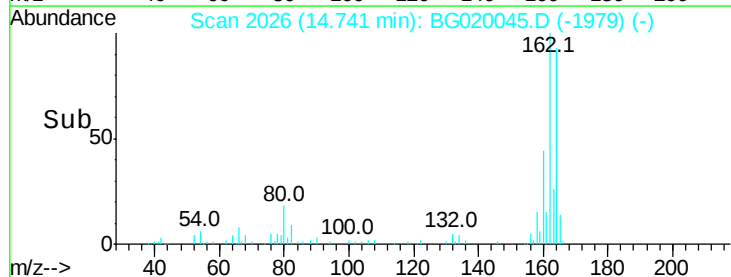
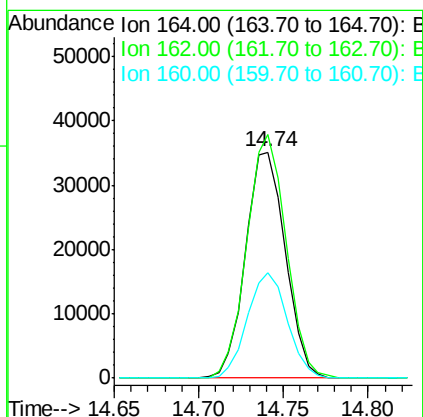
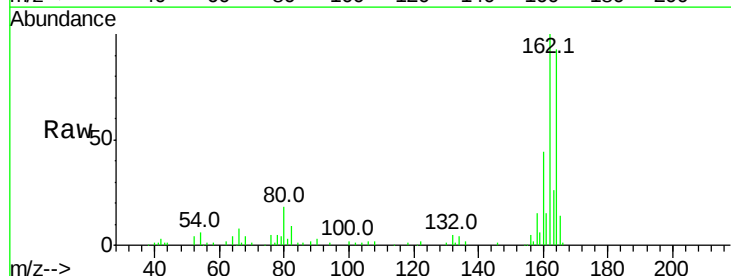
Instrument :
BNA_G
ClientSampleId :
ELP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	50.6	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020045.D
Acq: 9 Dec 2015 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	78.8	118.2
160	46.9	36.4	54.6

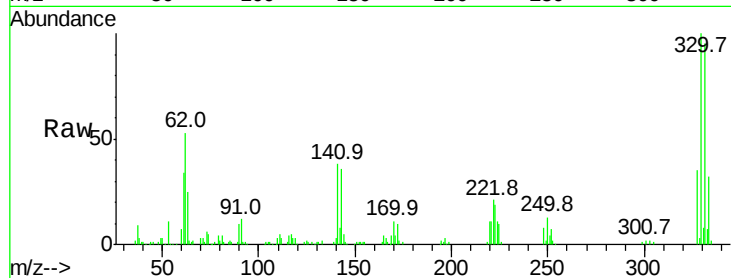




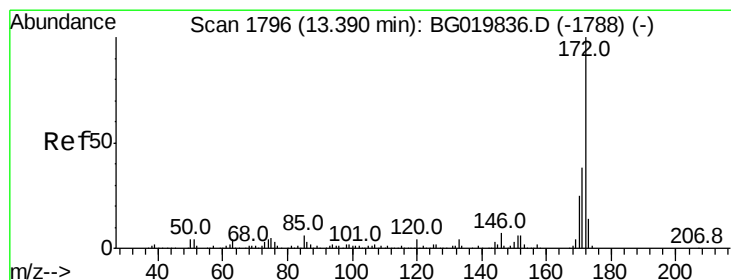
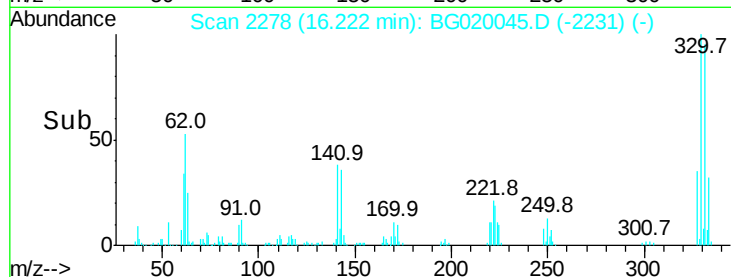
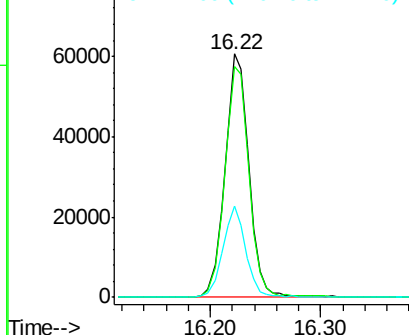
#41
 2,4,6-Tribromophenol
 Concen: 104.42 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020045.D
 Acq: 9 Dec 2015 16:02

Instrument :
 BNA_G
 ClientSampled :
 ELP-1

Tot Ion:330 Resp: 91718
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 35.8 28.2 42.2

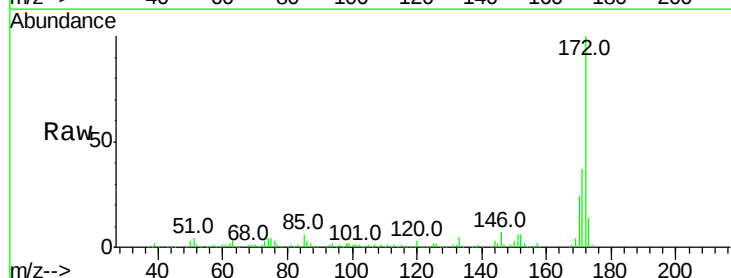


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

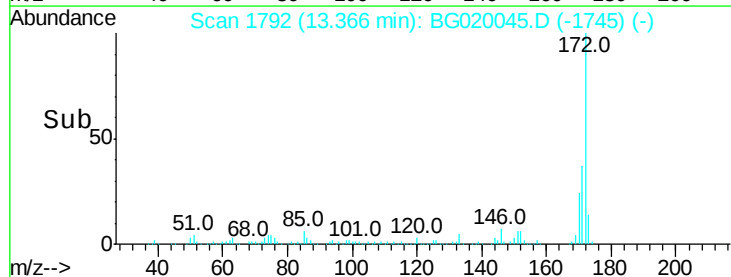
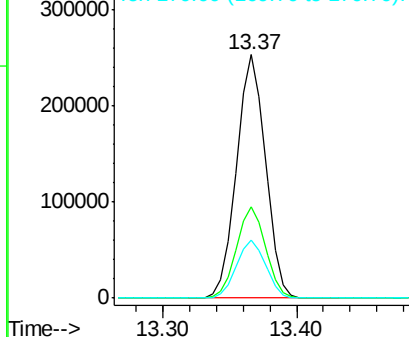


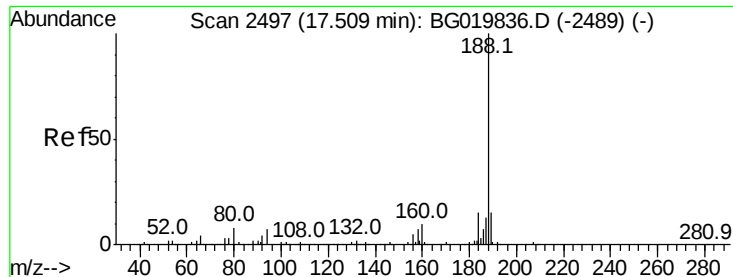
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020045.D
 Acq: 9 Dec 2015 16:02

Tgt Ion:172 Resp: 380642
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.0 43.6
 170 24.0 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

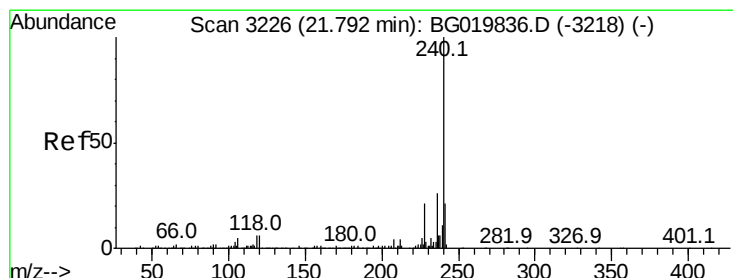
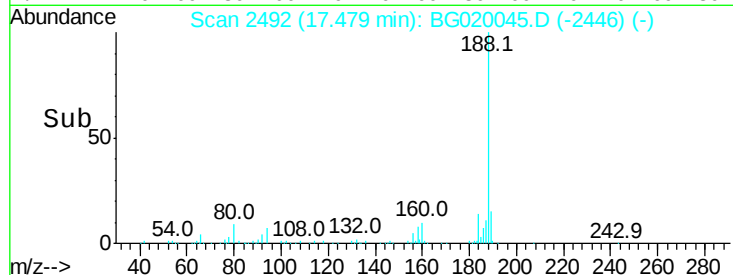
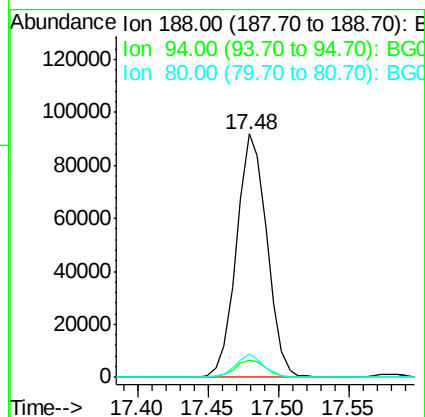
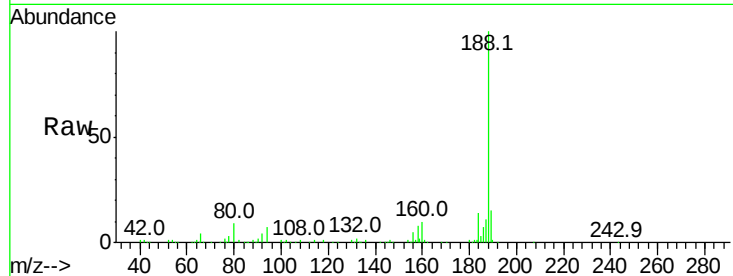




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020045.D
Acq: 9 Dec 2015 16:02

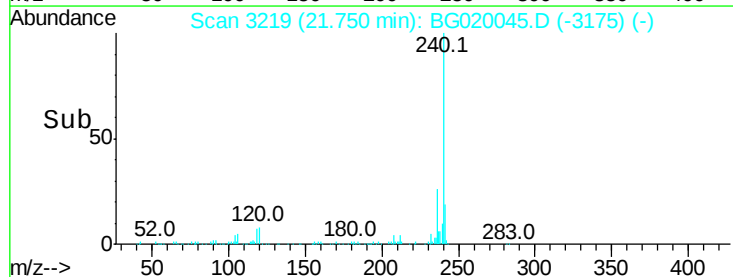
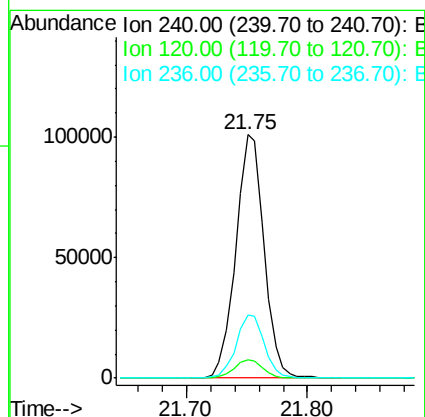
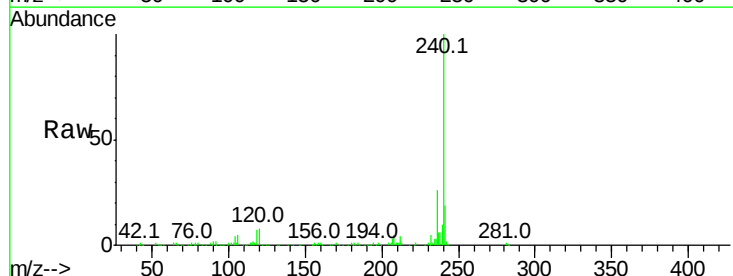
Instrument :
BNA_G
ClientSampleId :
ELP-1

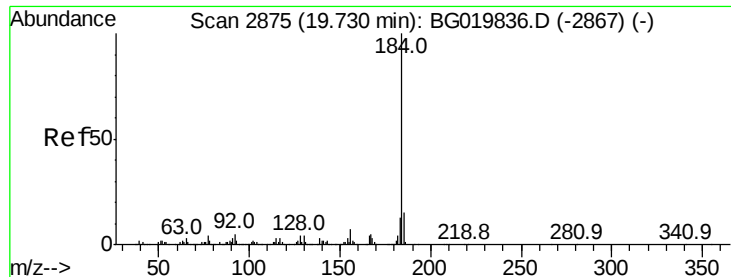
Tot Ion:188 Resp: 137809
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 9.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020045.D
Acq: 9 Dec 2015 16:02

Tgt Ion:240 Resp: 164616
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 25.8 20.7 31.1





#76

Benzidine

Concen: 2.39 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020045.D

Acq: 9 Dec 2015 16:02

Instrument :

BNA_G

ClientSampled :

ELP-1

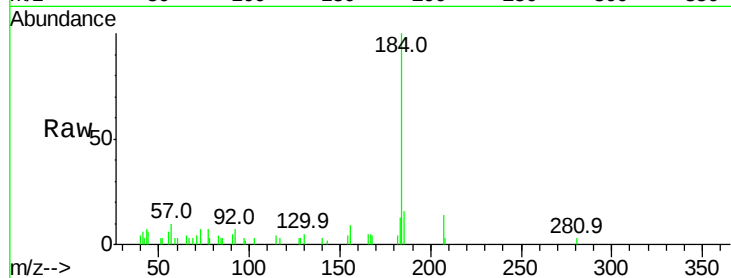
Tot Ion:184 Resp: 12914

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.2

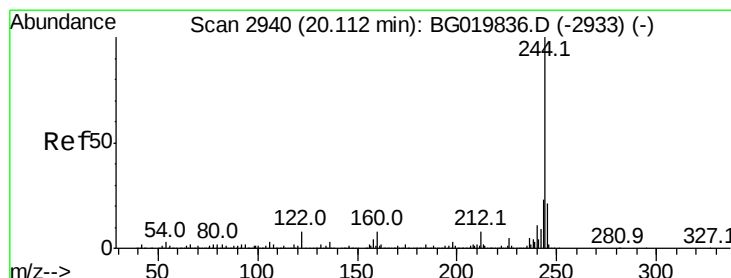
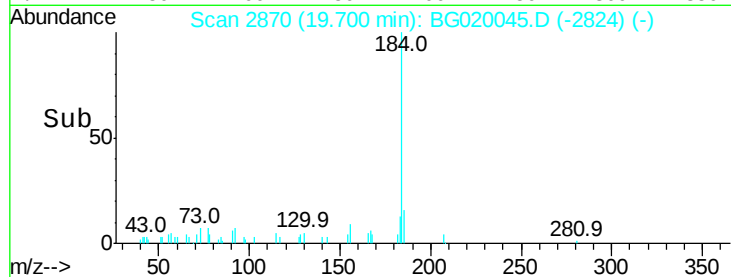
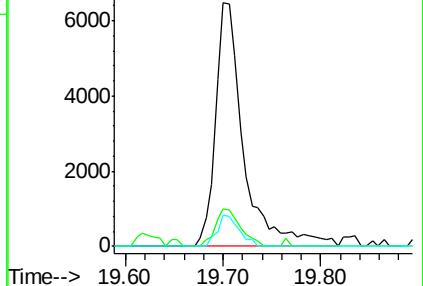
183 12.9 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 71.86 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020045.D

Acq: 9 Dec 2015 16:02

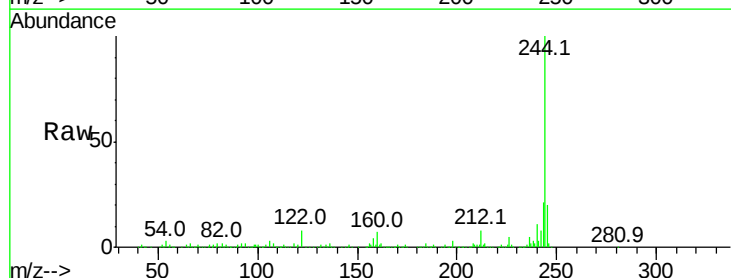
Tgt Ion:244 Resp: 484951

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

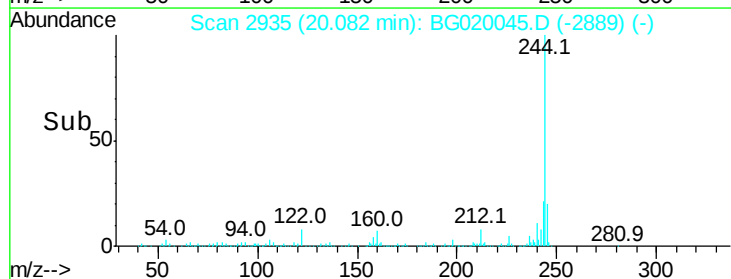
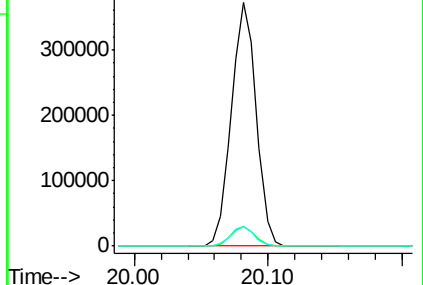
122 7.9 10.2 15.2#

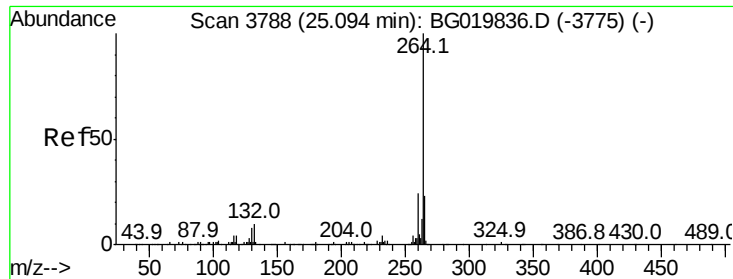


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

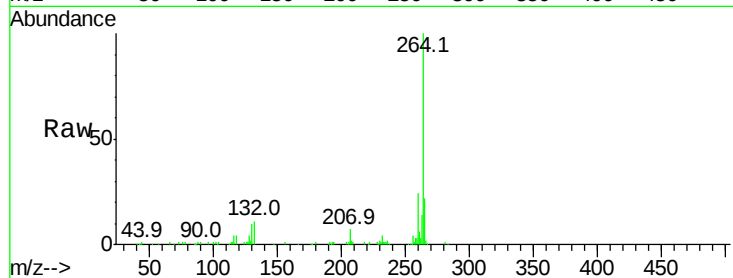




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020045.D
 Acq: 9 Dec 2015 16:02

Instrument :
 BNA_G
 ClientSampleId :
 ELP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.0	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

