

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020054.D
 Acq On : 9 Dec 2015 21:53
 Operator : UM/SJ
 Sample : G4679-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-120415

Quant Time: Dec 10 01:32:37 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	20500	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	88299	20.00	ng	-0.02
38) Acenaphthene-d10	14.73	164	61655	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	146336	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	181752	20.00	ng	-0.04
86) Perylene-d12	25.03	264	167884	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	159312	140.46	ng	-0.01
7) Phenol-d6	7.26	99	220464	128.73	ng	-0.01
23) Nitrobenzene-d5	9.28	82	167952	97.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	121063	128.33	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	412418	91.33	ng	-0.02
78) Terphenyl-d14	20.08	244	703386	94.40	ng	-0.03

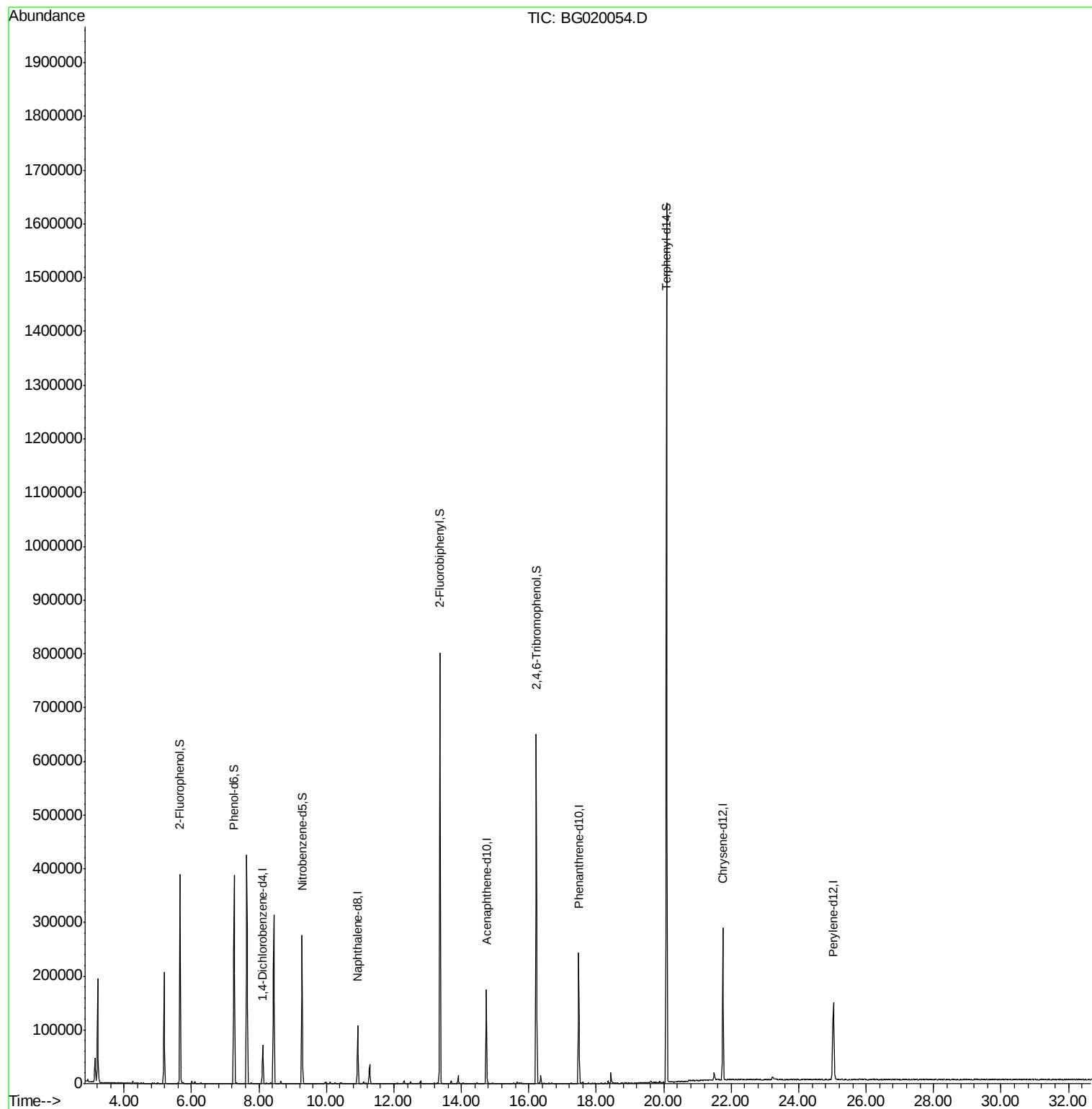
Target Compounds Qvalue

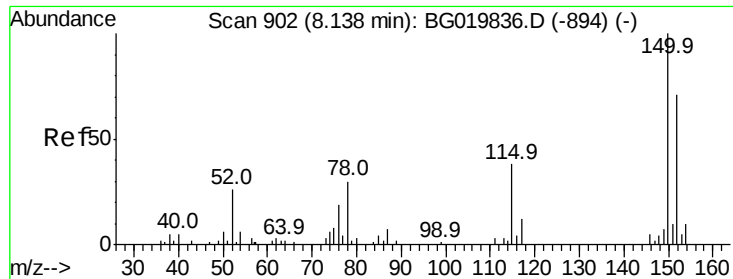
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

Instrument :

BNA_G

ClientSampleId :

WC-120415

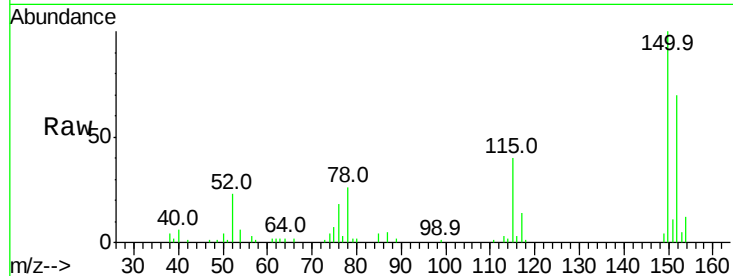
Tot Ion:152 Resp: 20500

Ion Ratio Lower Upper

152 100

150 143.4 115.0 172.4

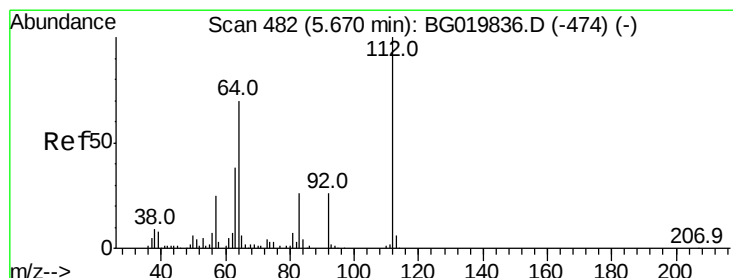
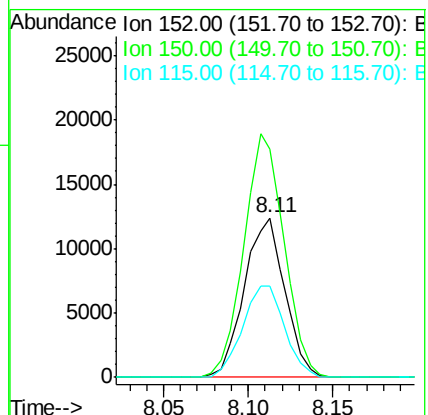
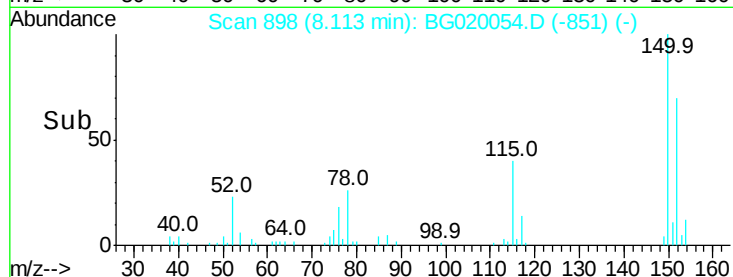
115 57.0 43.9 65.9



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: 140.46 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

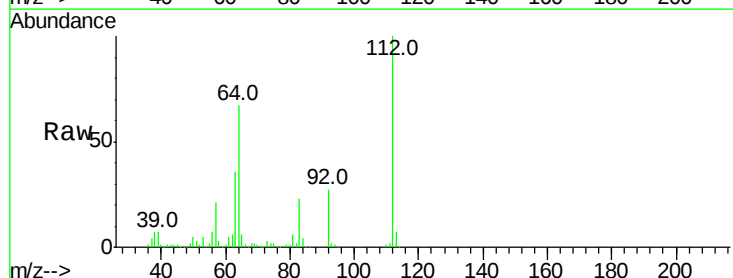
Tgt Ion:112 Resp: 159312

Ion Ratio Lower Upper

112 100

64 66.7 43.7 65.5#

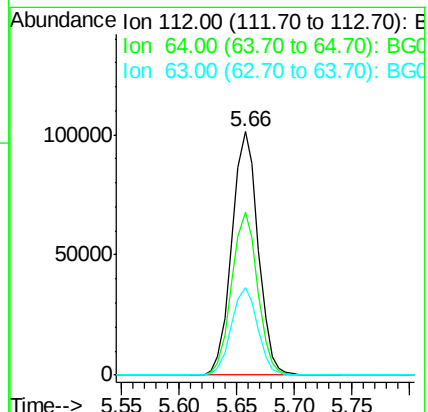
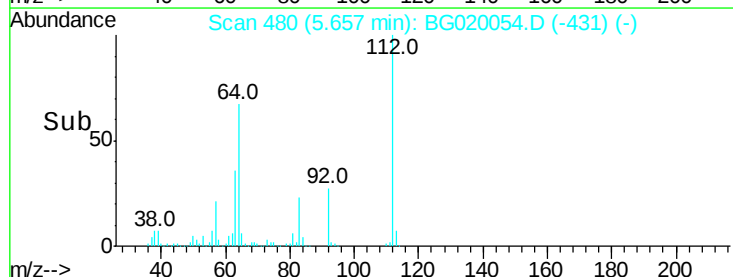
63 36.1 24.0 36.0#

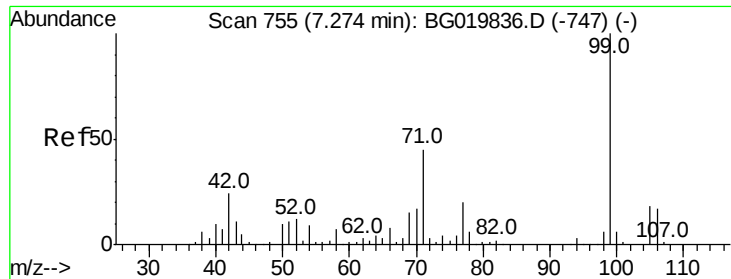


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.73 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

Instrument :

BNA_G

ClientSampleId :

WC-120415

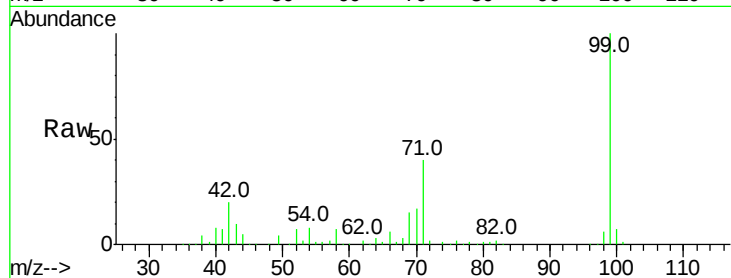
Tot Ion: 99 Resp: 220464

Ion Ratio Lower Upper

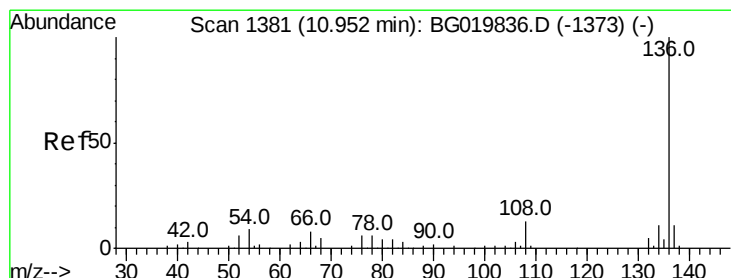
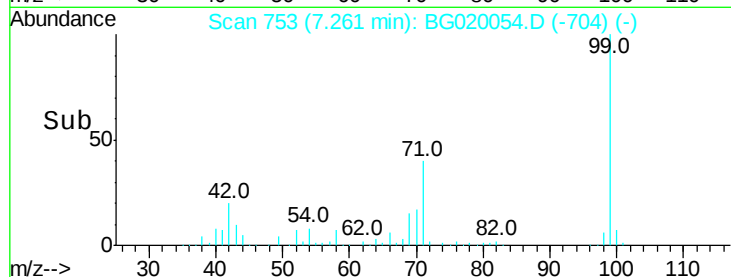
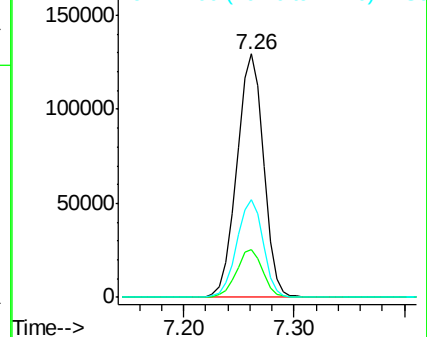
99 100

42 19.7 11.5 17.3#

71 40.3 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: BG020054.D

Acq: 9 Dec 2015 21:53

Tgt Ion: 136 Resp: 88299

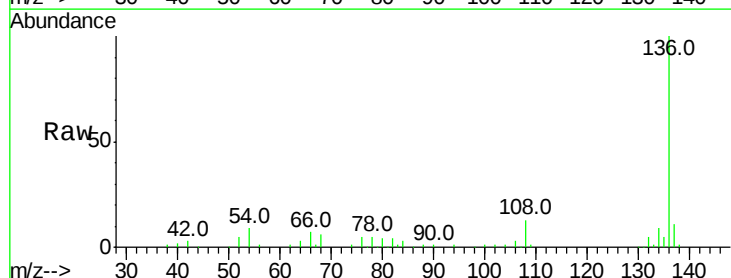
Ion Ratio Lower Upper

136 100

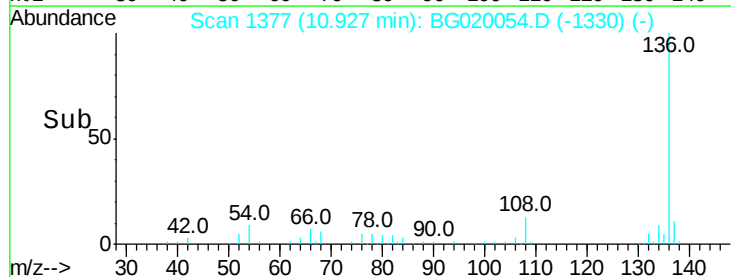
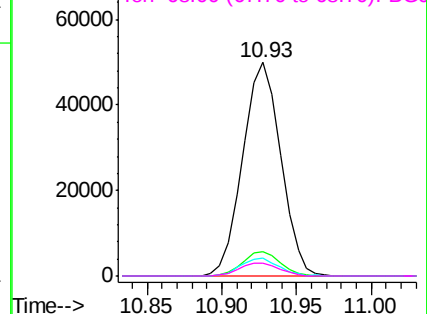
137 11.3 8.6 12.8

54 8.7 5.4 8.2#

68 6.3 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

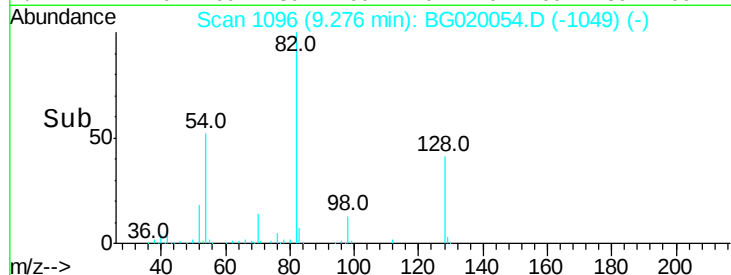
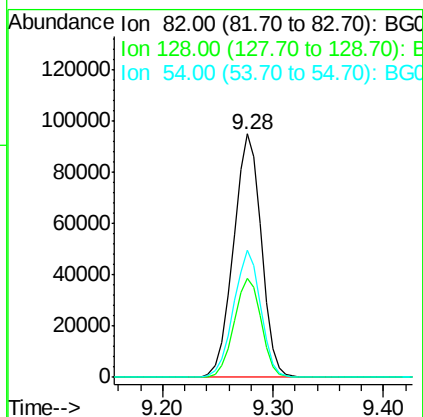
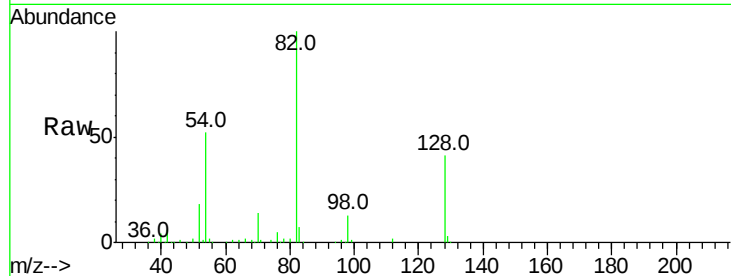




#23
Nitrobenzene-d5
Concen: 97.07 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

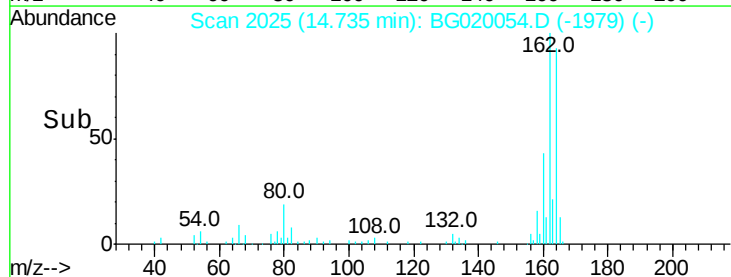
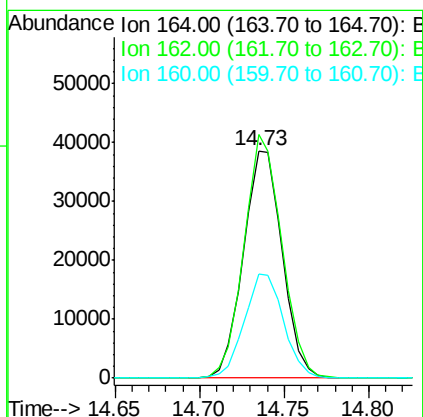
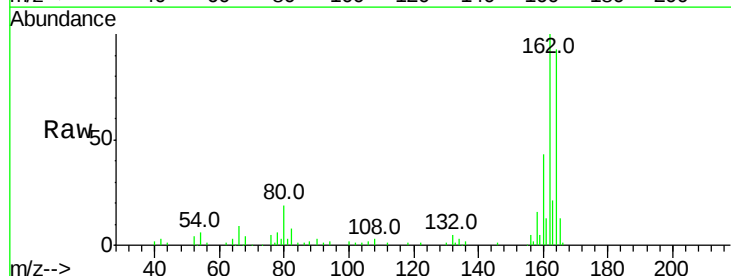
Instrument :
BNA_G
ClientSampleId :
WC-120415

Tot Ion: 82 Resp: 167952
Ion Ratio Lower Upper
82 100
128 40.7 36.7 55.1
54 52.0 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:164 Resp: 61655
Ion Ratio Lower Upper
164 100
162 107.0 78.8 118.2
160 45.9 36.4 54.6

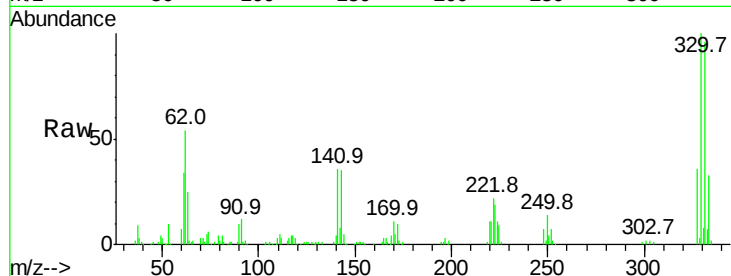




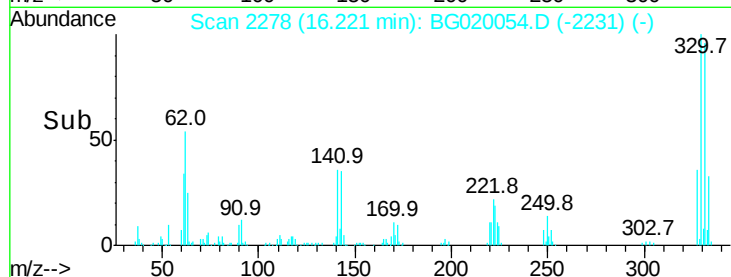
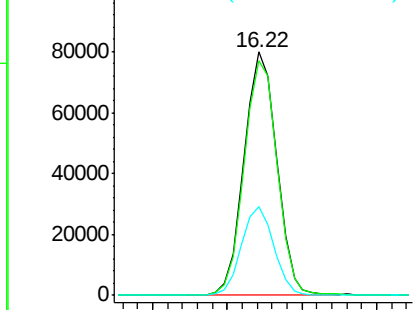
#41
 2,4,6-Tribromophenol
 Concen: 128.33 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020054.D
 Acq: 9 Dec 2015 21:53

Instrument :
 BNA_G
 ClientSampleId :
 WC-120415

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	36.1	28.2	42.2

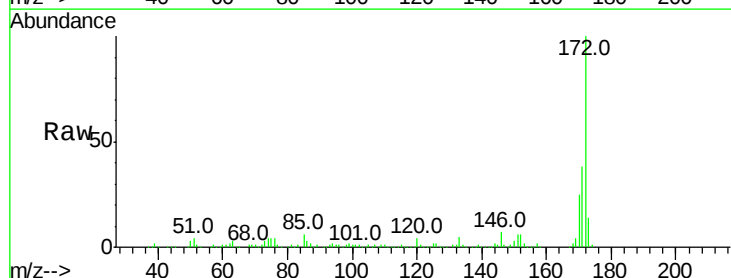


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

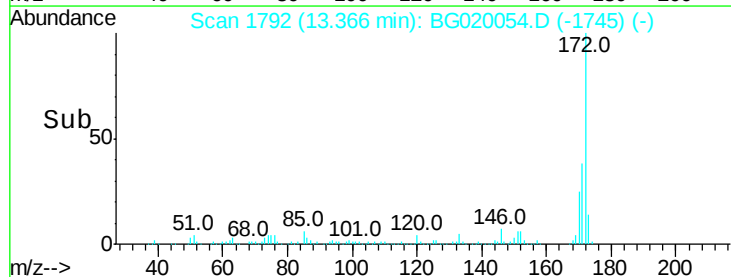
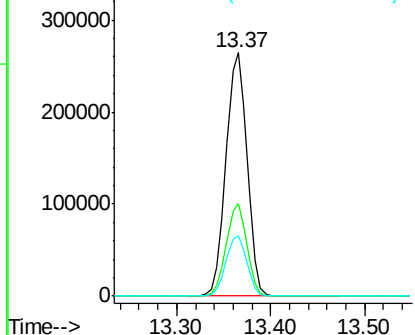


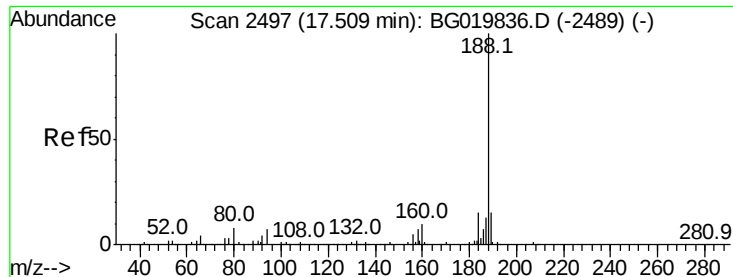
#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020054.D
 Acq: 9 Dec 2015 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.6
170	25.0	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: BG020054.D

Acq: 9 Dec 2015 21:53

Instrument :

BNA_G

ClientSampleId :

WC-120415

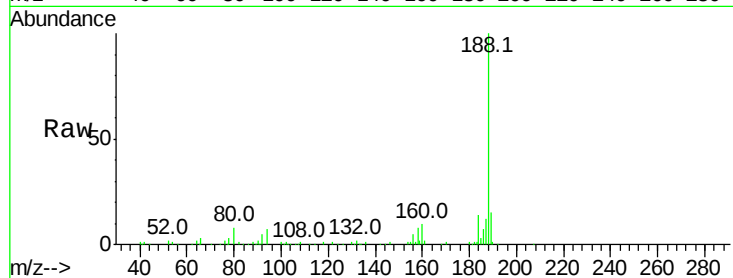
Tot Ion:188 Resp: 146336

Ion Ratio Lower Upper

188 100

94 6.9 7.7 11.5#

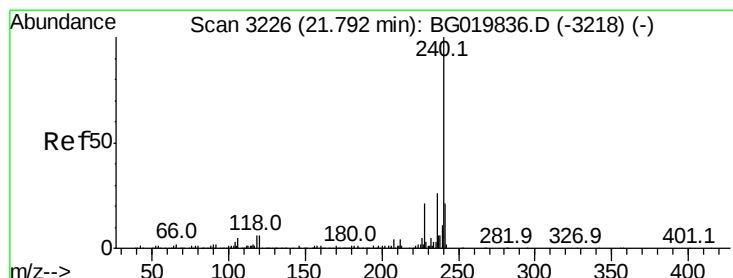
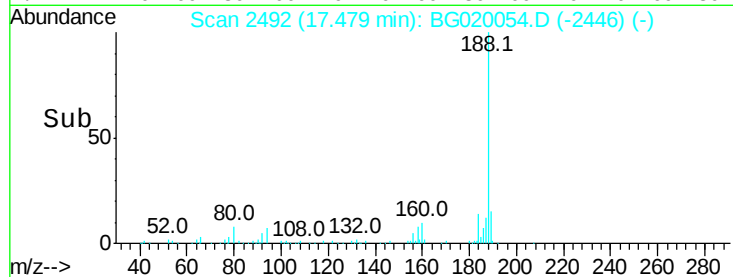
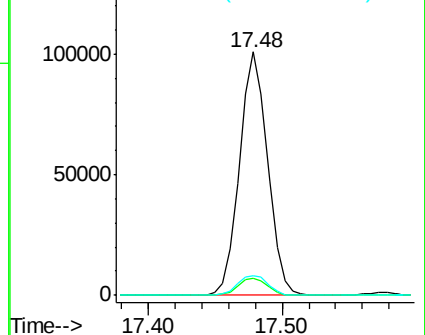
80 8.1 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

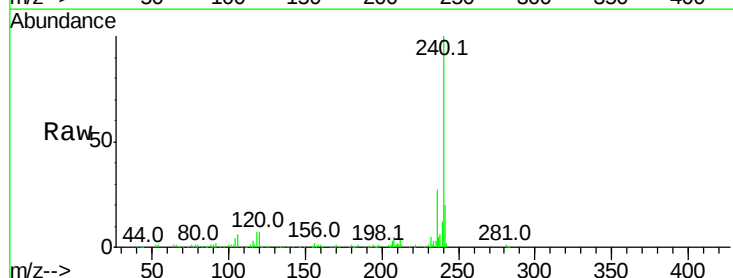
Tgt Ion:240 Resp: 181752

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

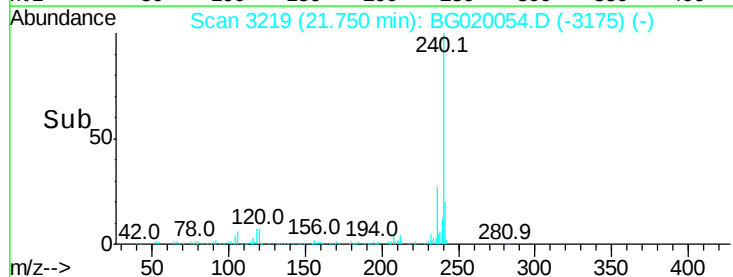
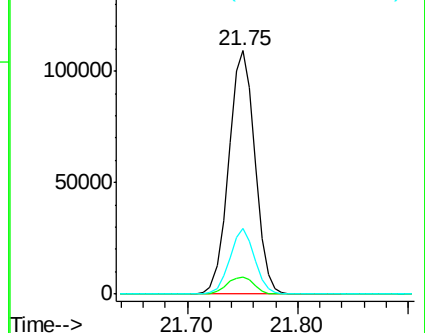
236 27.1 20.7 31.1

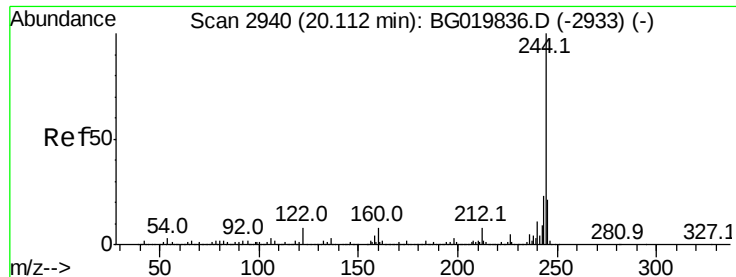


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.40 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

Instrument :

BNA_G

ClientSampleId :

WC-120415

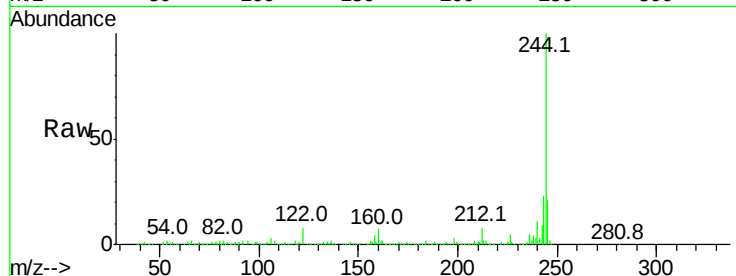
Tot Ion:244 Resp: 703386

Ion Ratio Lower Upper

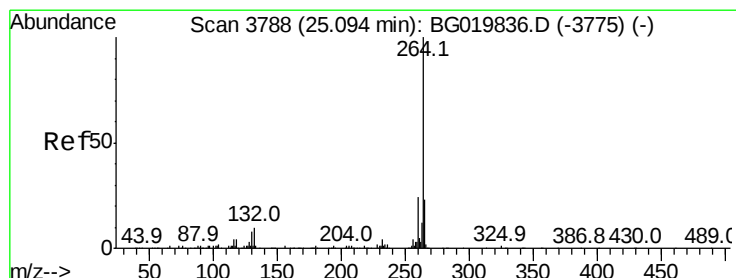
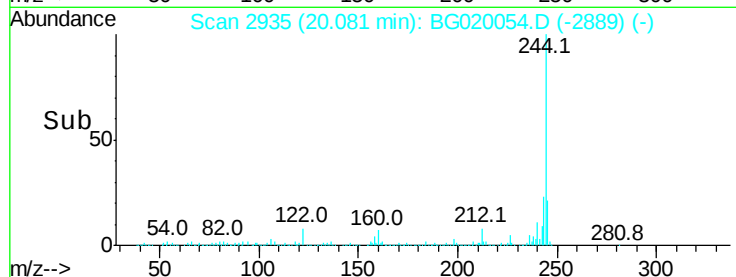
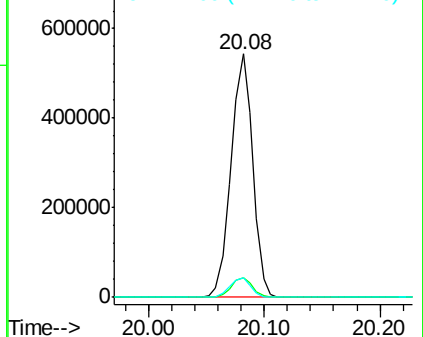
244 100

212 7.9 6.9 10.3

122 8.2 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. -0.07 min

Lab File: BG020054.D

Acq: 9 Dec 2015 21:53

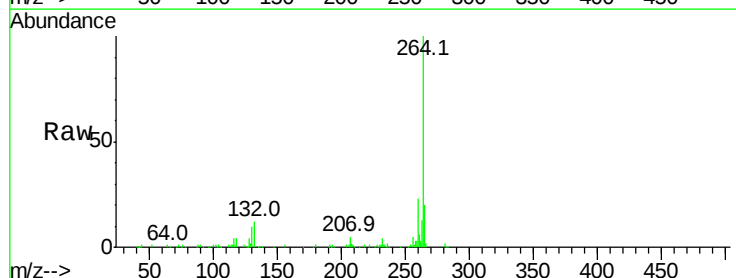
Tgt Ion:264 Resp: 167884

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 20.0 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

