

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020114.D
 Acq On : 11 Dec 2015 20:07
 Operator : UM/SJ
 Sample : G4729-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-53

Quant Time: Dec 12 00:10:24 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

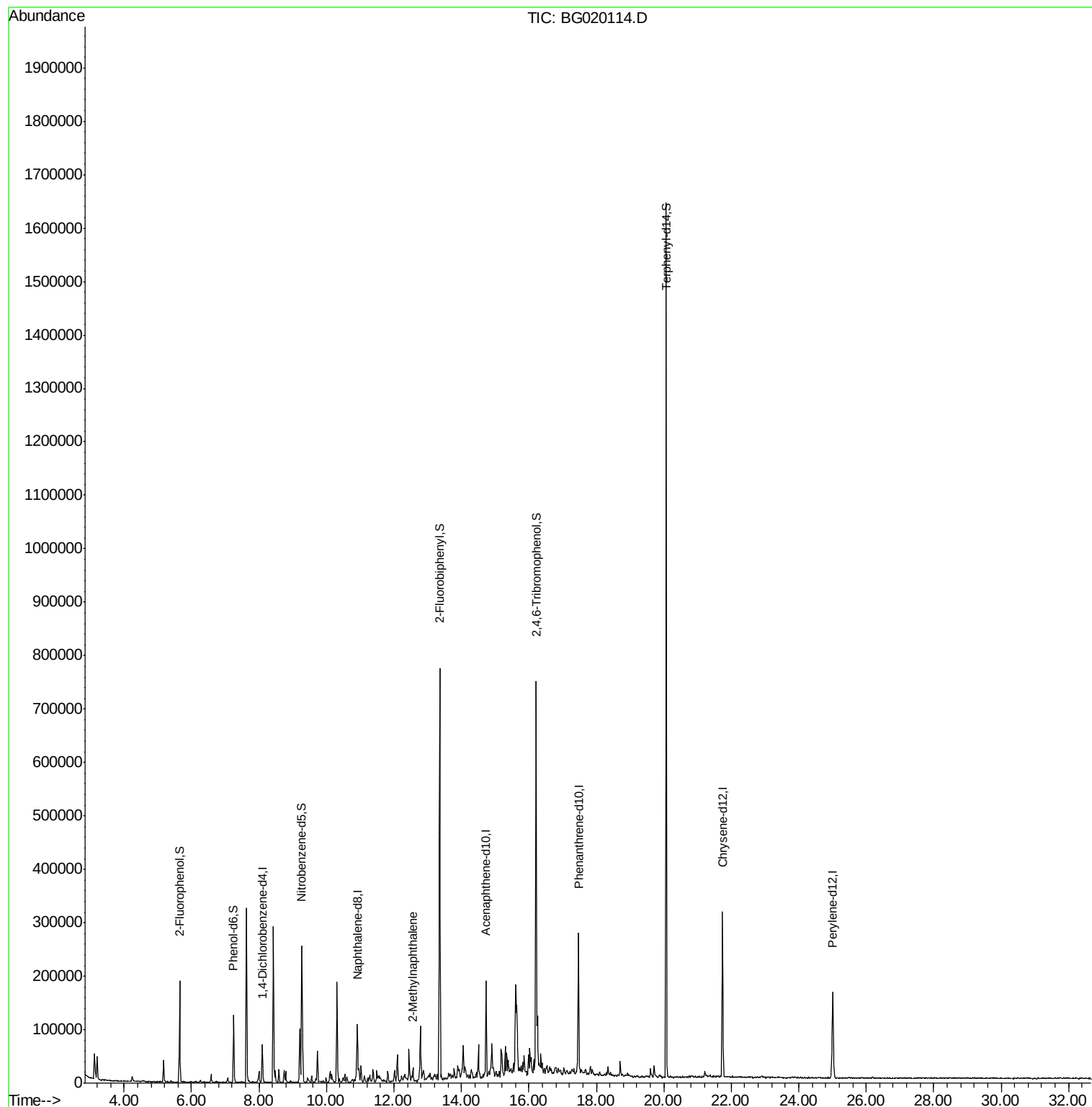
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20068	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	84775	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	60780	20.00	ng	-0.03
63) Phenanthrene-d10	17.47	188	154523	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	192073	20.00	ng	-0.05
86) Perylene-d12	25.01	264	180017	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	78292	70.51	ng	-0.02
7) Phenol-d6	7.25	99	73828	44.04	ng	-0.03
23) Nitrobenzene-d5	9.27	82	155380	93.54	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	135778	146.00	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	390308	87.68	ng	-0.03
78) Terphenyl-d14	20.07	244	717382	91.10	ng	-0.04
Target Compounds						
37) 2-Methylnaphthalene	12.56	142	9173	2.76	ng	Qvalue # 96

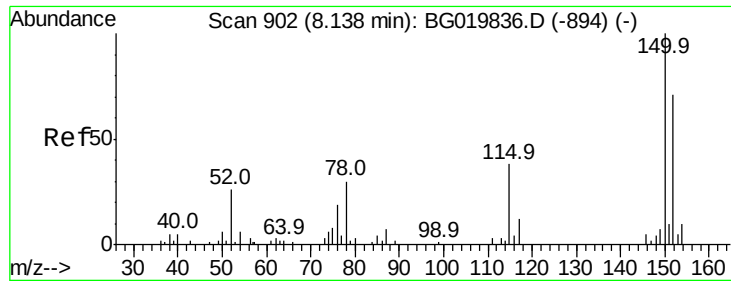
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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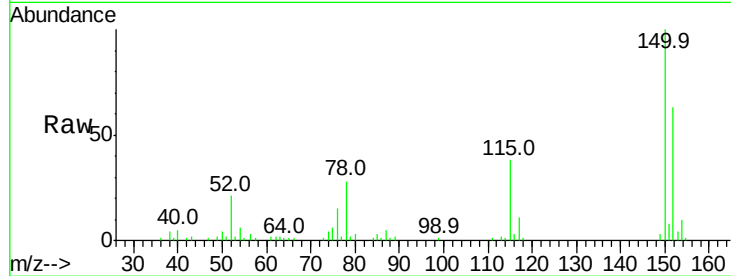


#1

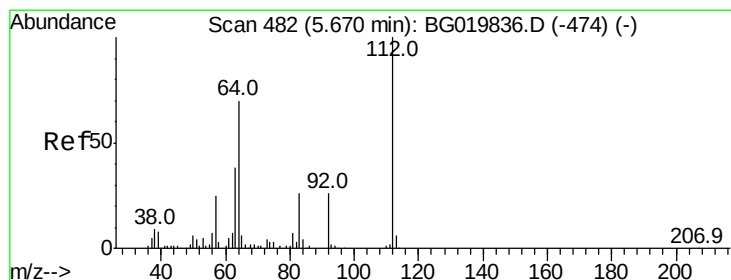
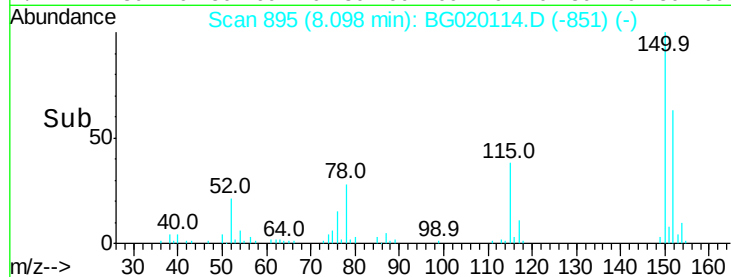
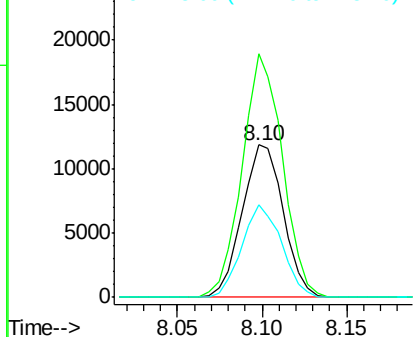
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.04 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

Instrument :
BNA_G
ClientSampled :
W-53

Tot Ion:152 Resp: 20068
Ion Ratio Lower Upper
152 100
150 159.5 115.0 172.4
115 60.4 43.9 65.9



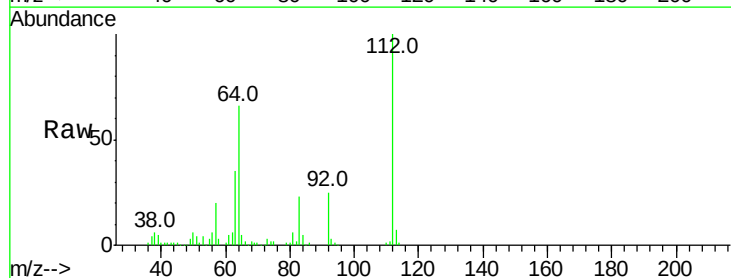
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



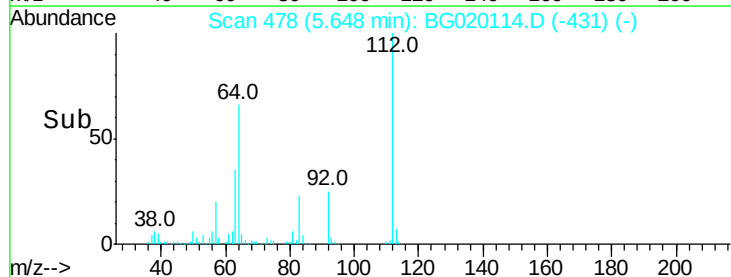
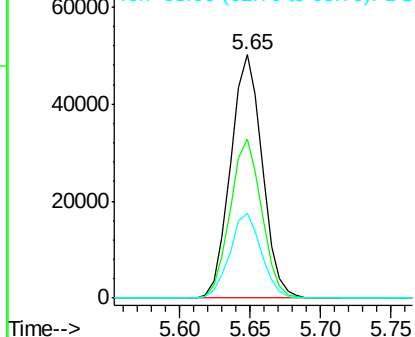
#5

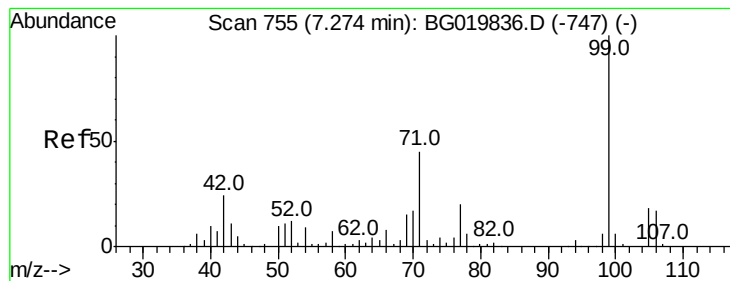
2-Fluorophenol
Concen: 70.51 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

Tgt Ion:112 Resp: 78292
Ion Ratio Lower Upper
112 100
64 65.6 43.7 65.5#
63 35.0 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: 44.04 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG020114.D

Acq: 11 Dec 2015 20:07

Instrument :

BNA_G

ClientSampleId :

W-53

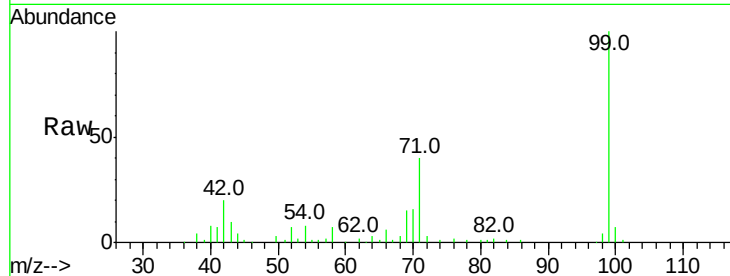
Tot Ion: 99 Resp: 73828

Ion Ratio Lower Upper

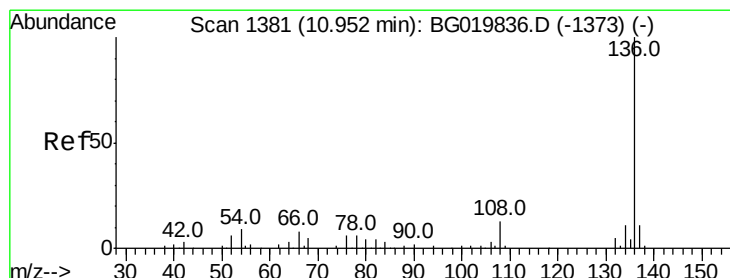
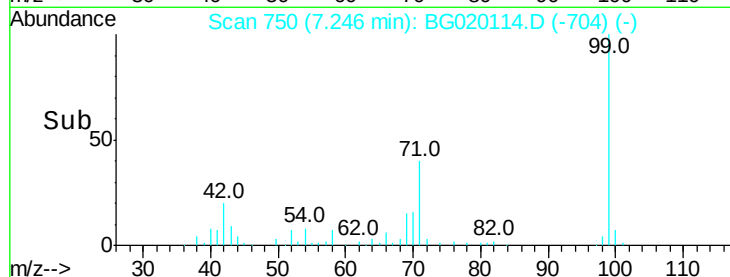
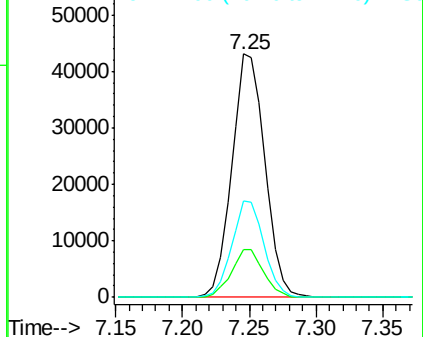
99 100

42 19.8 11.5 17.3#

71 39.6 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. -0.03 min

Lab File: BG020114.D

Acq: 11 Dec 2015 20:07

Tgt Ion: 136 Resp: 84775

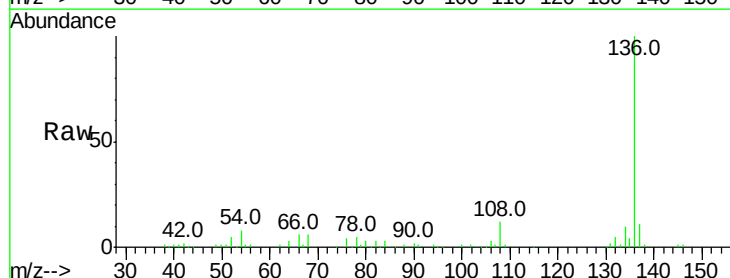
Ion Ratio Lower Upper

136 100

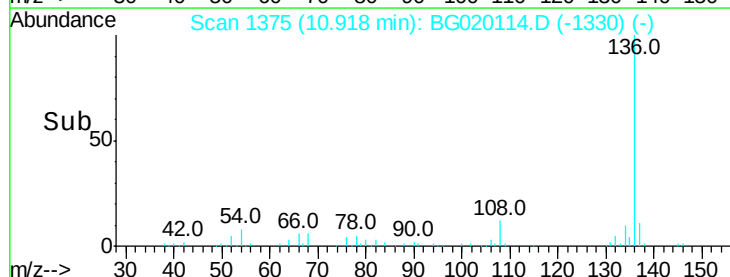
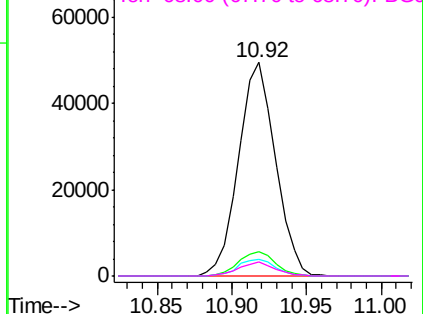
137 11.3 8.6 12.8

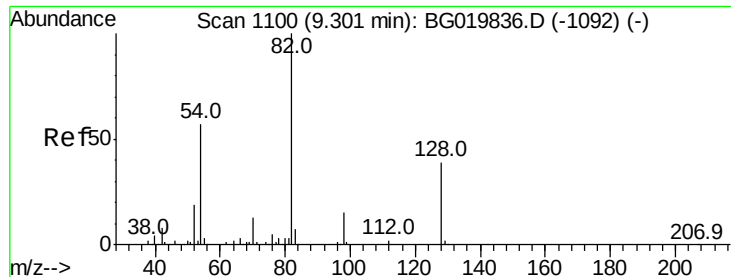
54 8.1 5.4 8.2

68 6.5 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

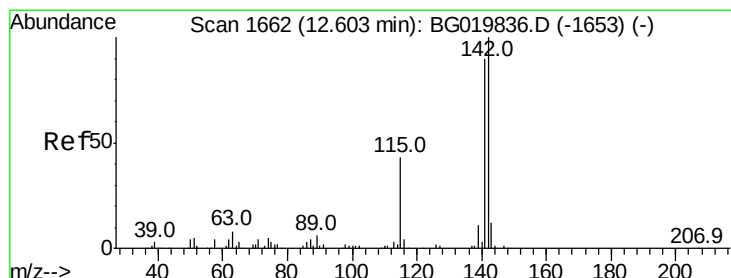
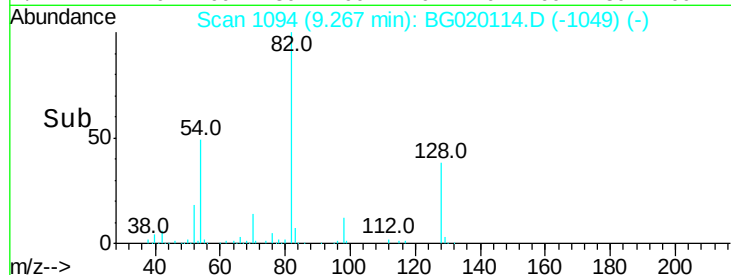
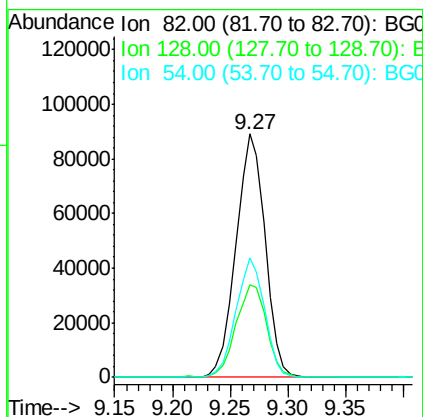
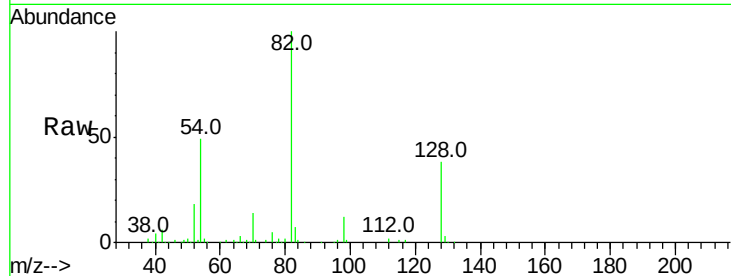




#23
Nitrobenzene-d5
Concen: 93.54 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

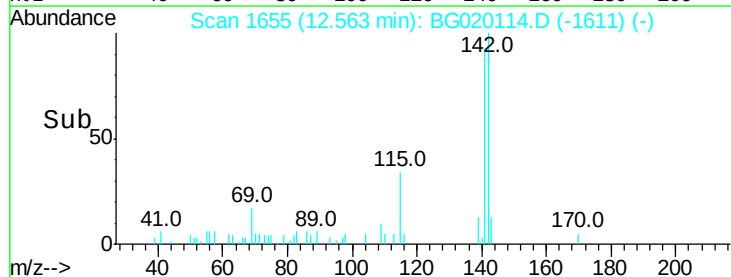
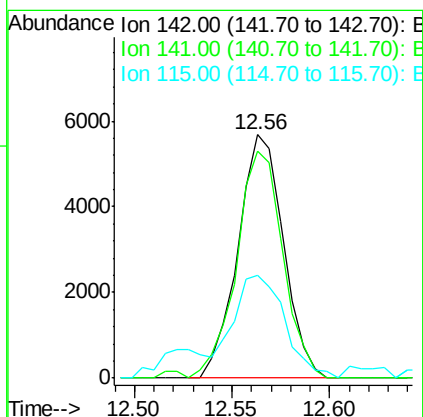
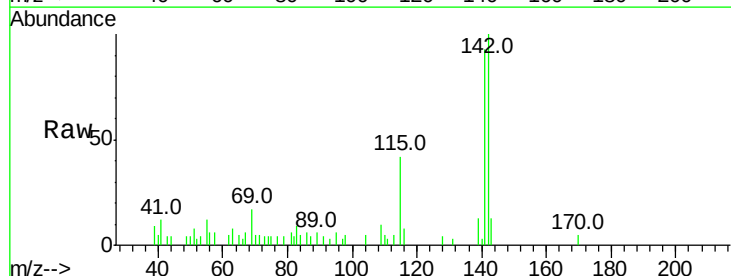
Instrument :
BNA_G
ClientSampleId :
W-53

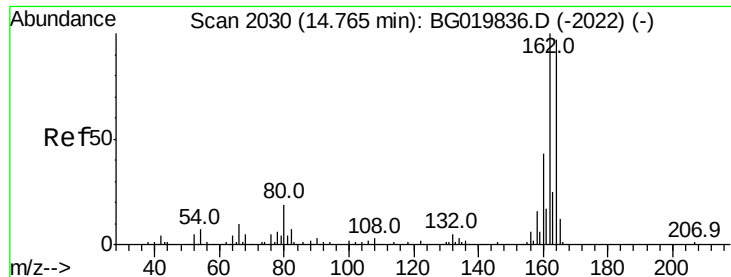
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	36.7	55.1
54	49.1	33.8	50.8



#37
2-Methylnaphthalene
Concen: 2.76 ng
RT: 12.56 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.6	112.0
115	42.4	27.4	41.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BG020114.D

Acq: 11 Dec 2015 20:07

Instrument :

BNA_G

ClientSampleId :

W-53

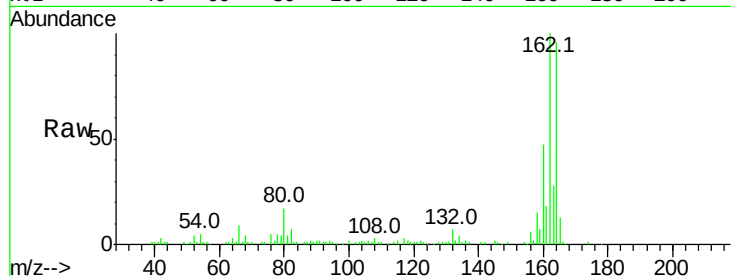
Tot Ion:164 Resp: 60780

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

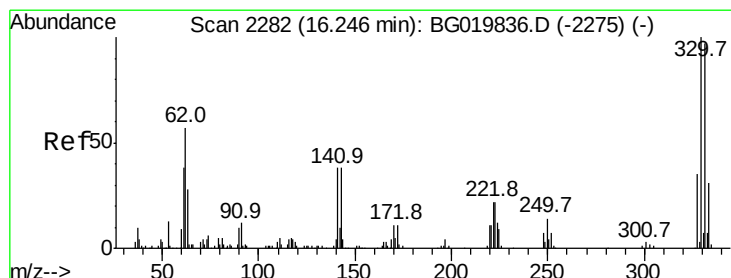
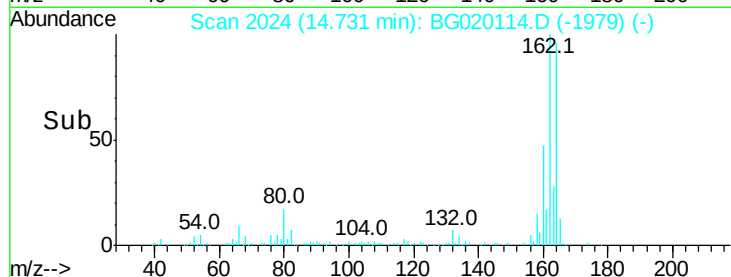
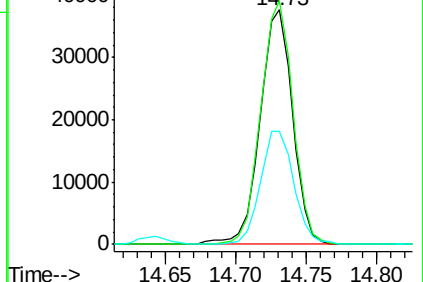
160 48.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 146.00 ng

RT: 16.22 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG020114.D

Acq: 11 Dec 2015 20:07

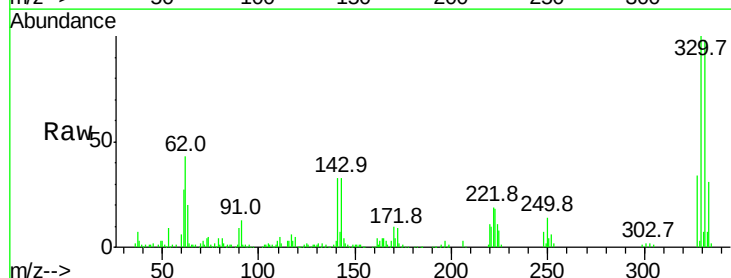
Tgt Ion:330 Resp: 135778

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

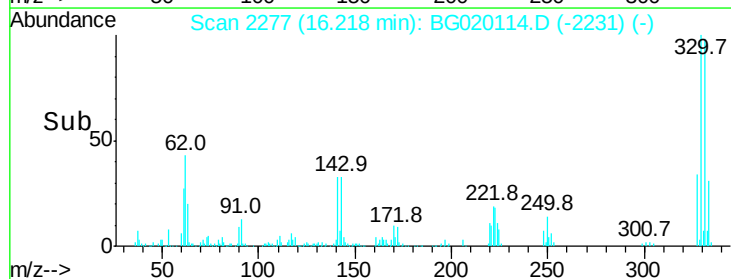
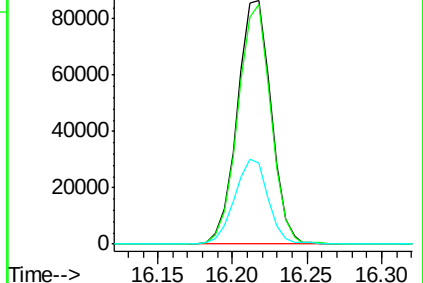
141 35.2 28.2 42.2

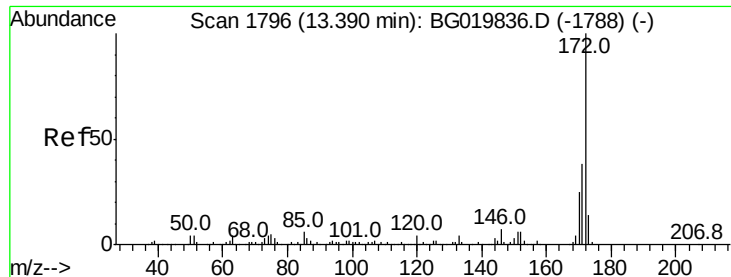


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

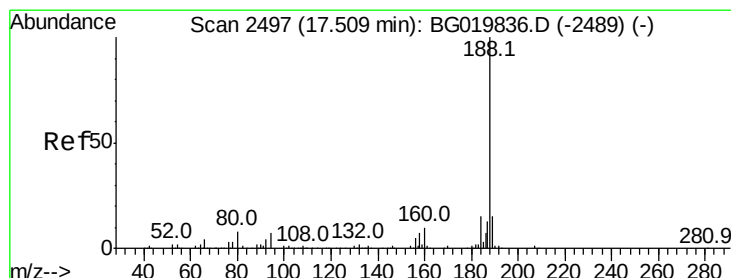
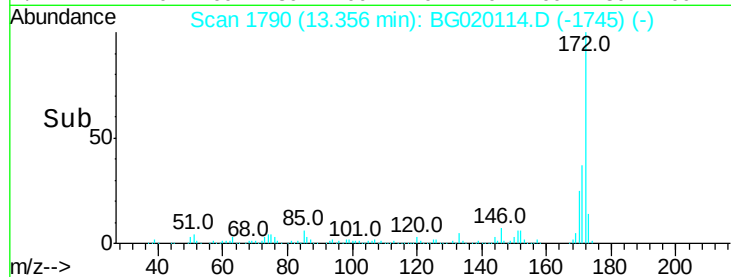
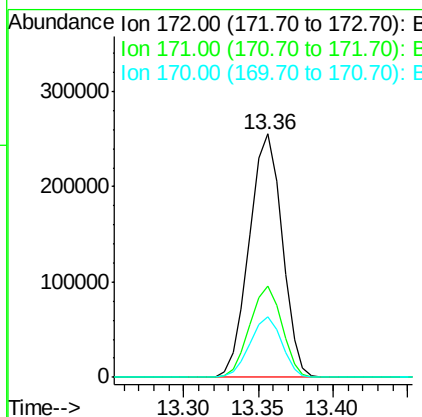
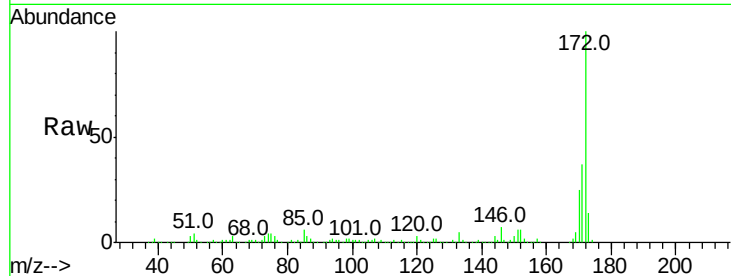




#44
2-Fluorobiphenyl
Concen: 87.68 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

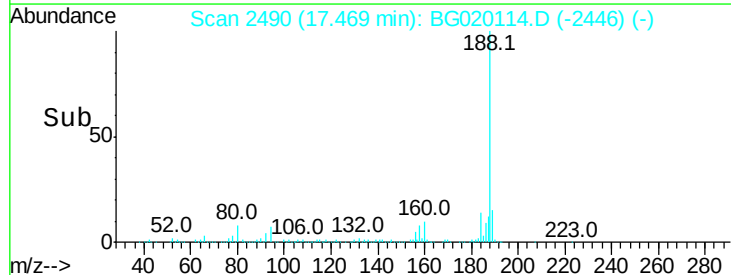
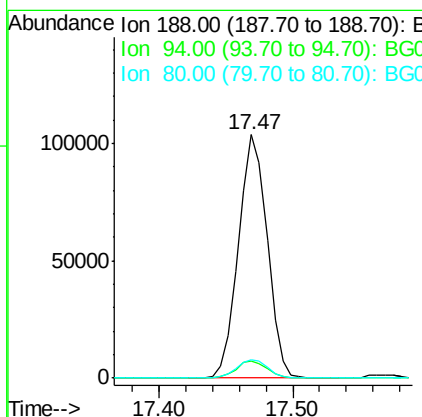
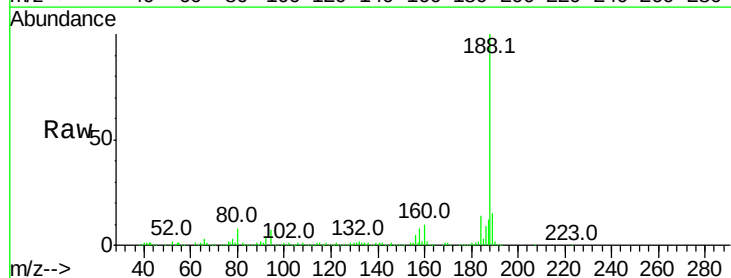
Instrument :
BNA_G
ClientSampleId :
W-53

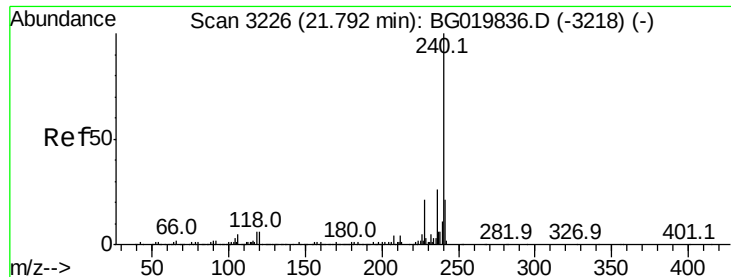
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	25.0	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.7	11.5#
80	7.8	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: BG020114.D

Acq: 11 Dec 2015 20:07

Instrument :

BNA_G

ClientSampleId :

W-53

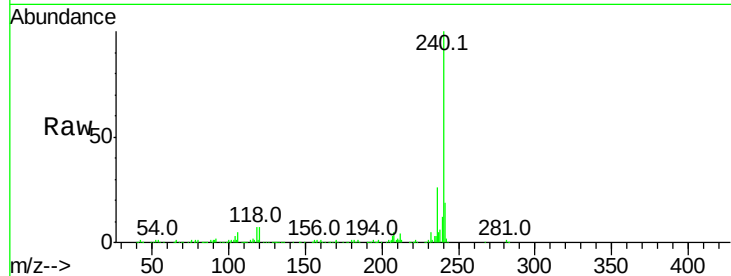
Tot Ion:240 Resp: 192073

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

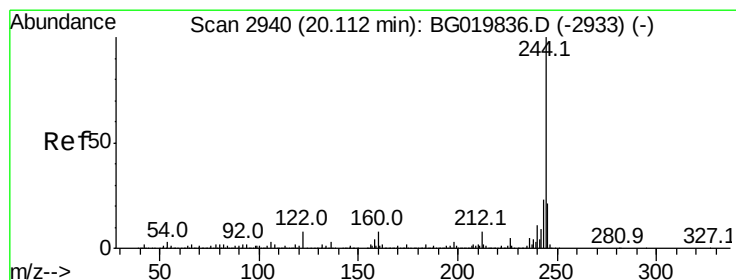
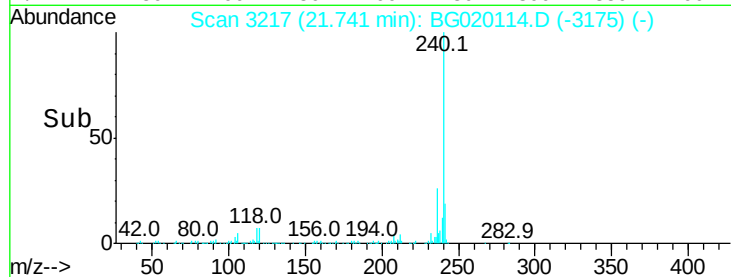
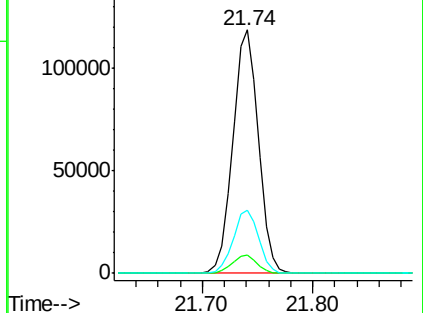
236 26.1 20.7 31.1



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: 91.10 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020114.D

Acq: 11 Dec 2015 20:07

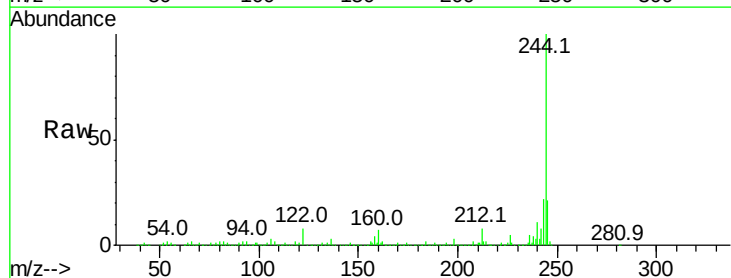
Tgt Ion:244 Resp: 717382

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

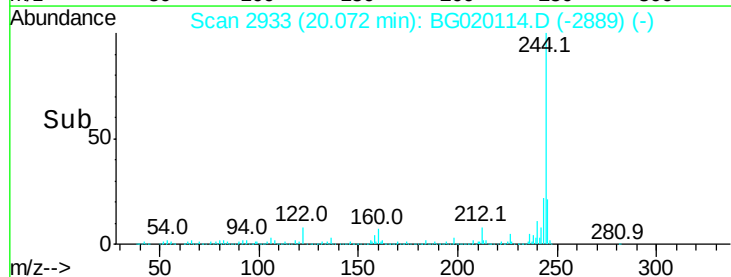
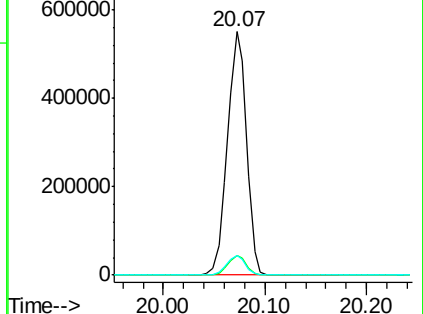
122 8.2 10.2 15.2#

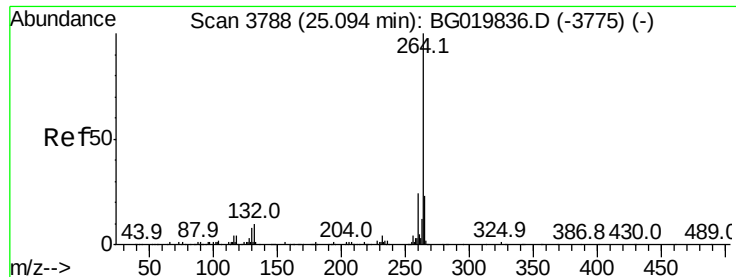


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

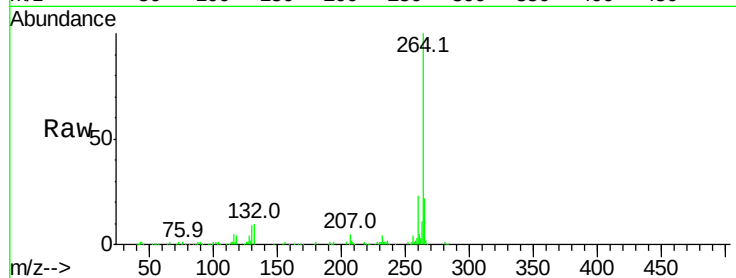




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.09 min
Lab File: BG020114.D
Acq: 11 Dec 2015 20:07

Instrument :
BNA_G
ClientSampleId :
W-53

Tot Ion:	264	Resp:	180017
Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

