

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020113.D
 Acq On : 11 Dec 2015 19:28
 Operator : UM/SJ
 Sample : G4729-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-27

Quant Time: Dec 11 23:32:12 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	18438	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	79389	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	58079	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	153073	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	177706	20.00	ng	-0.05
86) Perylene-d12	25.01	264	168479	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	71724	70.31	ng	-0.02
7) Phenol-d6	7.25	99	67865	44.06	ng	-0.03
23) Nitrobenzene-d5	9.27	82	143175	92.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	133616	150.36	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	370828	87.18	ng	-0.03
78) Terphenyl-d14	20.07	244	666780	91.52	ng	-0.04

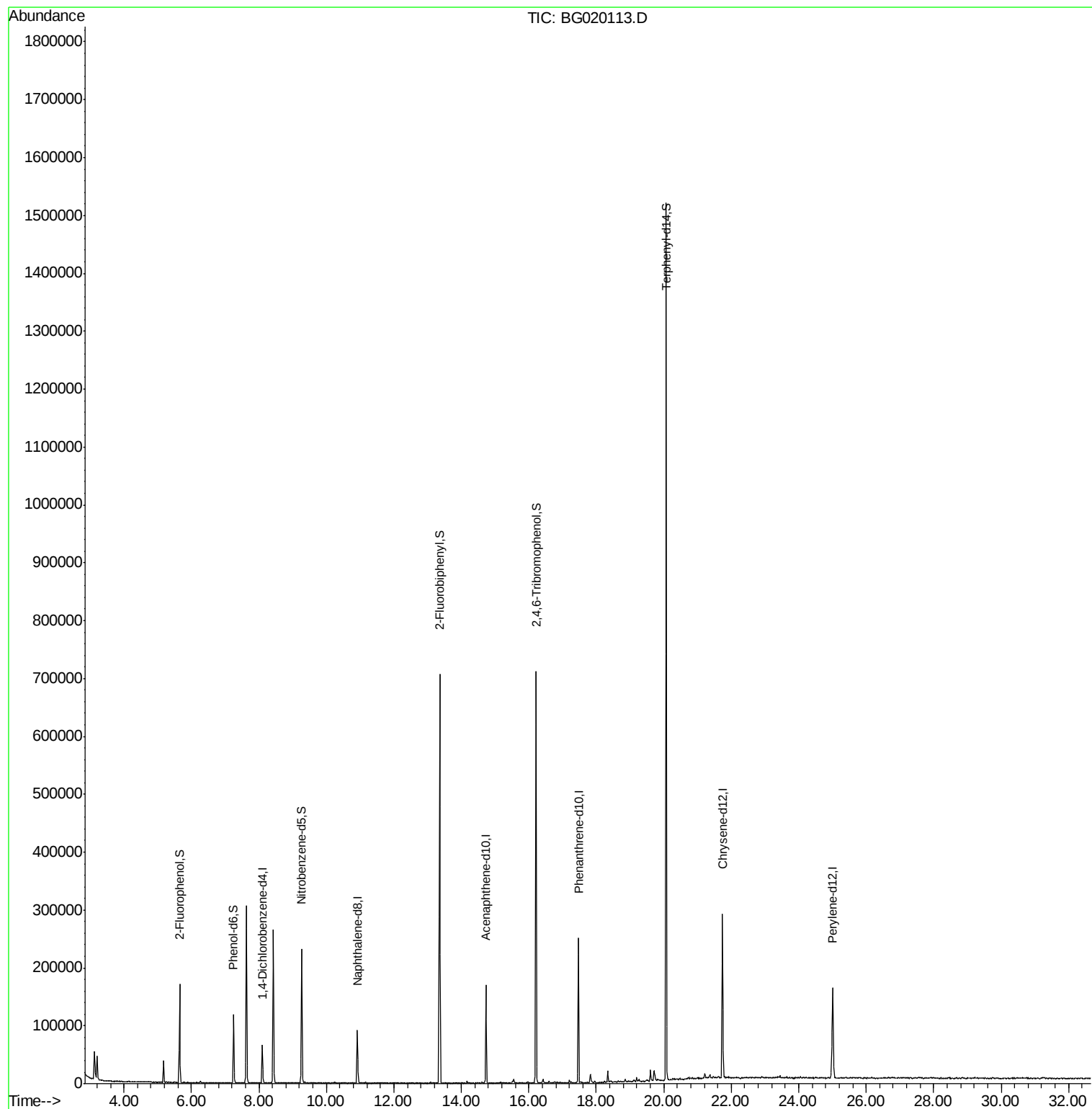
Target Compounds Qvalue

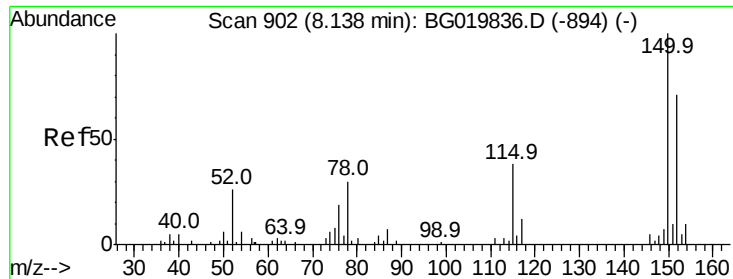
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020113.D

Acq: 11 Dec 2015 19:28

Instrument :

BNA_G

ClientSampled :

W-27

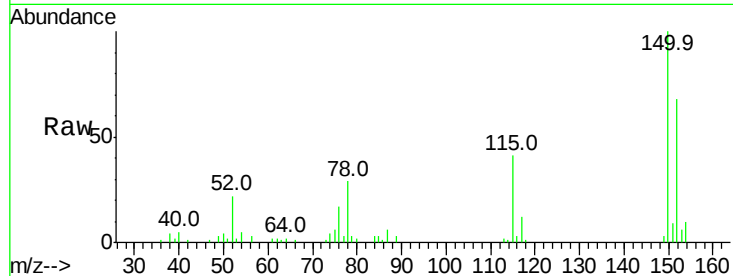
Tot Ion:152 Resp: 18438

Ion Ratio Lower Upper

152 100

150 146.9 115.0 172.4

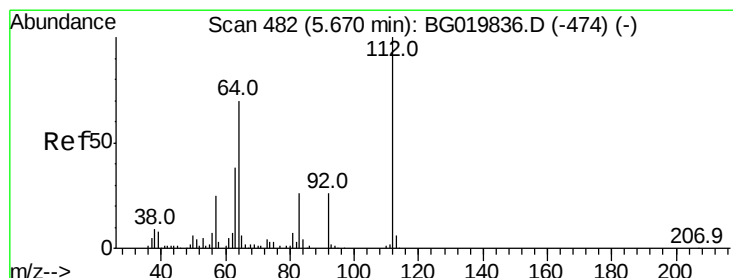
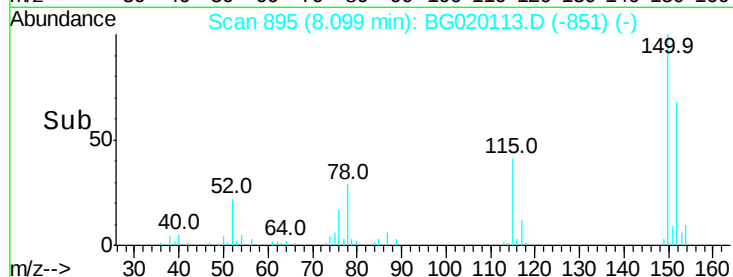
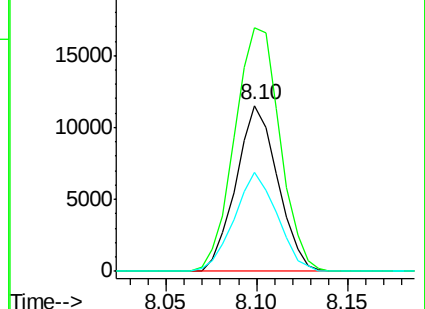
115 59.6 43.9 65.9



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: 70.31 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020113.D

Acq: 11 Dec 2015 19:28

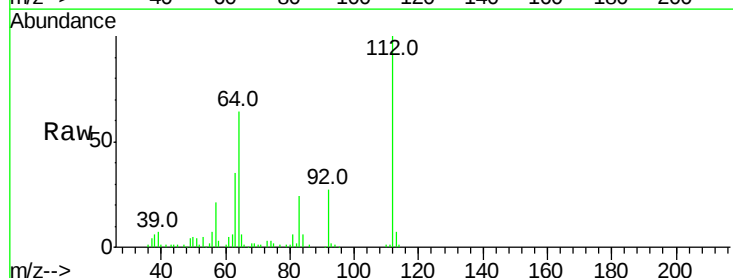
Tgt Ion:112 Resp: 71724

Ion Ratio Lower Upper

112 100

64 64.1 43.7 65.5

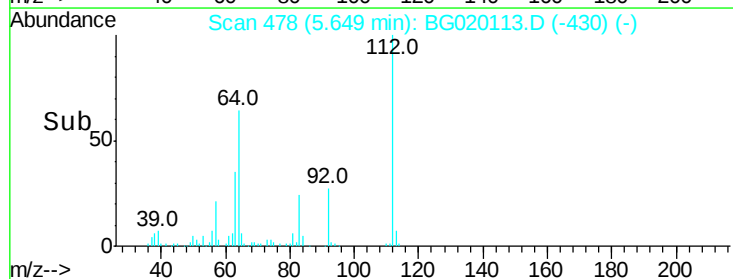
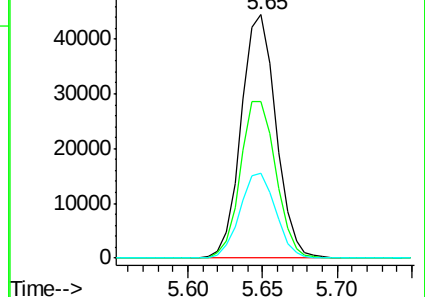
63 34.7 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 44.06 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG020113.D

Acq: 11 Dec 2015 19:28

Instrument :

BNA_G

ClientSampleId :

W-27

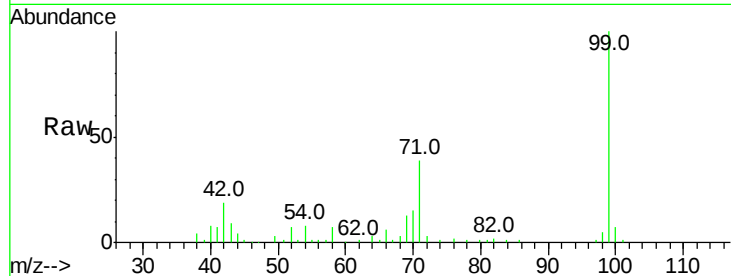
Tot Ion: 99 Resp: 67865

Ion Ratio Lower Upper

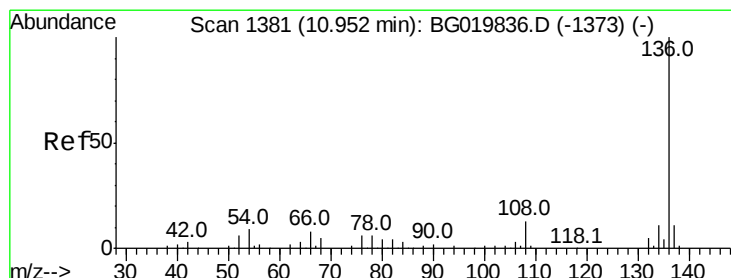
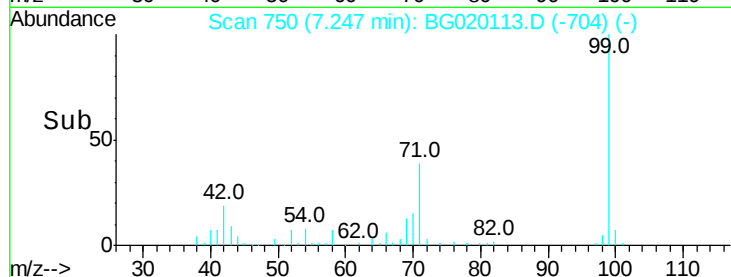
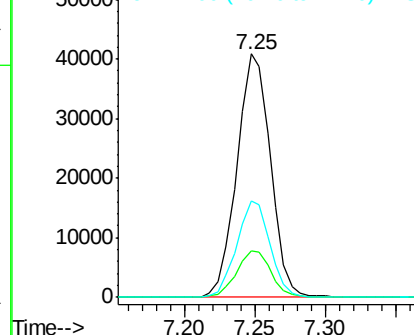
99 100

42 19.0 11.5 17.3#

71 39.4 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: BG020113.D

Acq: 11 Dec 2015 19:28

Tgt Ion: 136 Resp: 79389

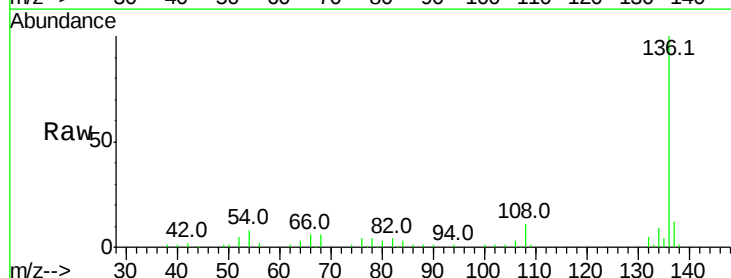
Ion Ratio Lower Upper

136 100

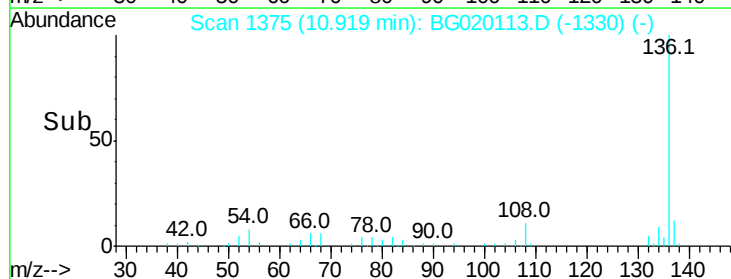
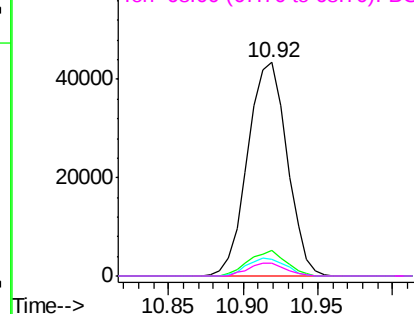
137 12.2 8.6 12.8

54 8.1 5.4 8.2

68 5.8 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

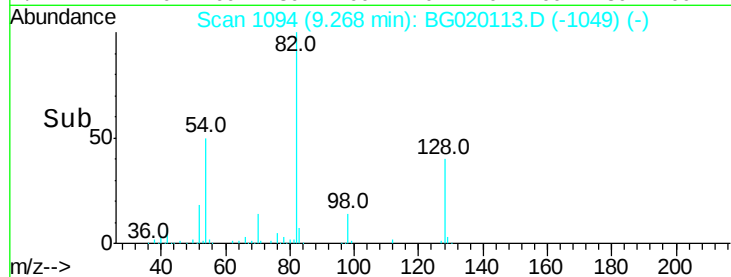
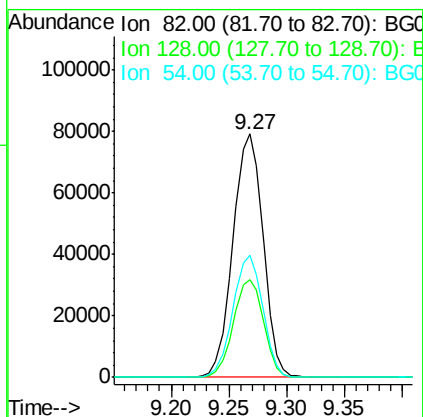
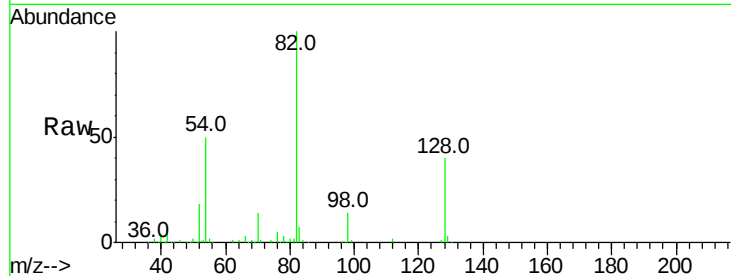




#23
Nitrobenzene-d5
Concen: 92.04 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG020113.D
Acq: 11 Dec 2015 19:28

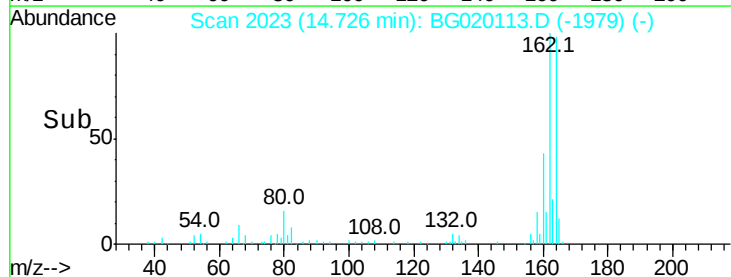
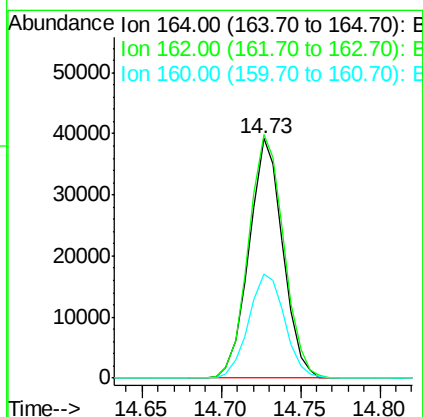
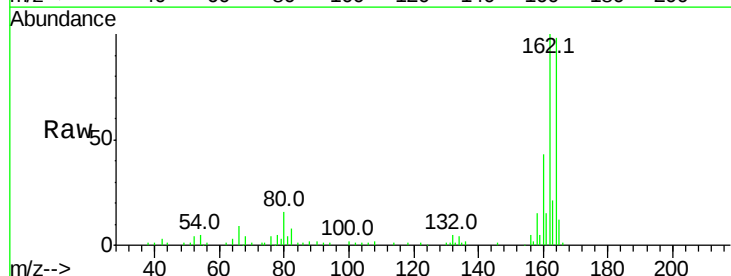
Instrument :
BNA_G
ClientSampleId :
W-27

Tot Ion: 82 Resp: 143175
Ion Ratio Lower Upper
82 100
128 40.1 36.7 55.1
54 50.0 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BG020113.D
Acq: 11 Dec 2015 19:28

Tgt Ion: 164 Resp: 58079
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.3 36.4 54.6

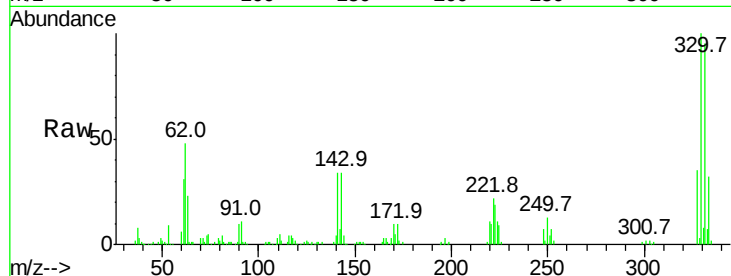




#41
 2,4,6-Tribromophenol
 Concen: 150.36 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020113.D
 Acq: 11 Dec 2015 19:28

Instrument :
 BNA_G
 ClientSampleId :
 W-27

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	34.6	28.2	42.2

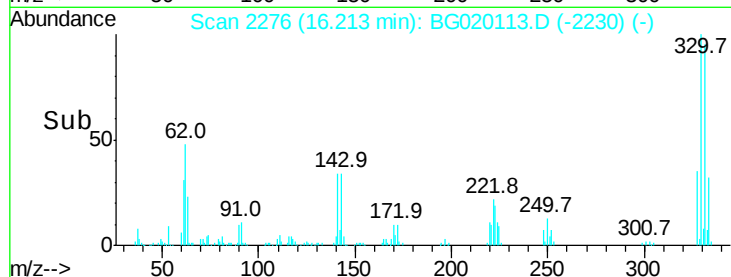
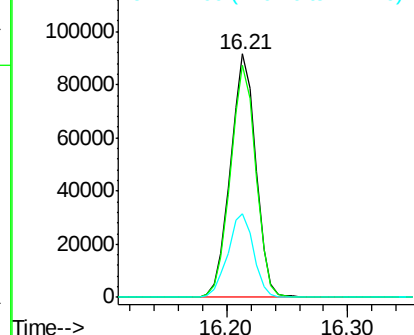


Abundance

Ion 329.80 (329.50 to 330.50): E

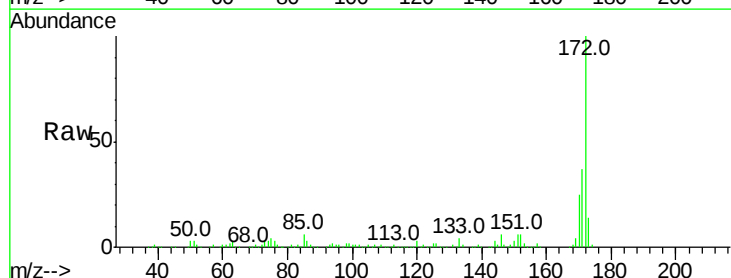
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.18 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.03 min
 Lab File: BG020113.D
 Acq: 11 Dec 2015 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.3	19.9	29.9

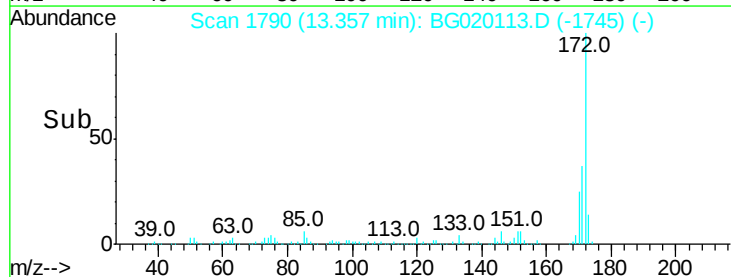
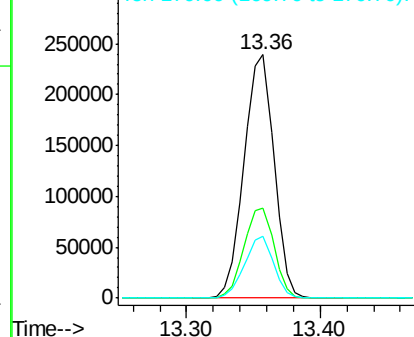


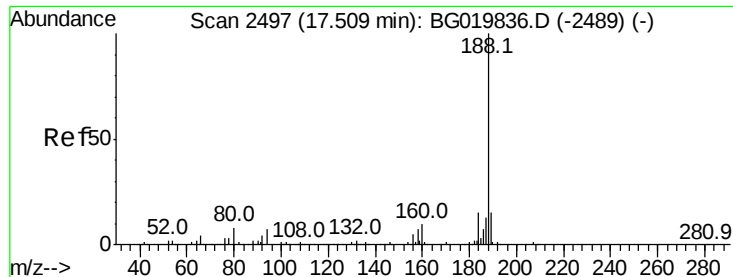
Abundance

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

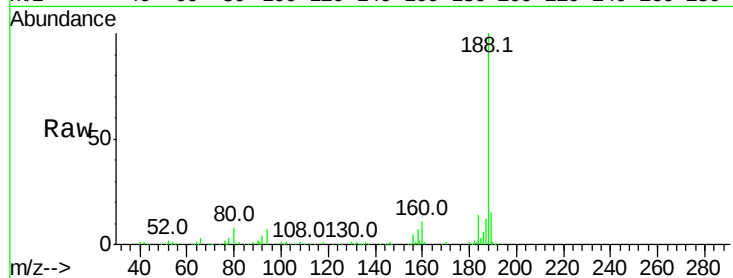




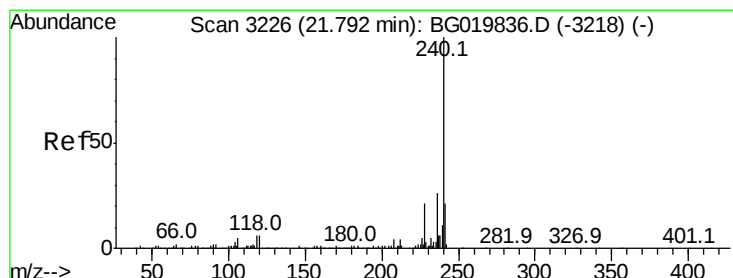
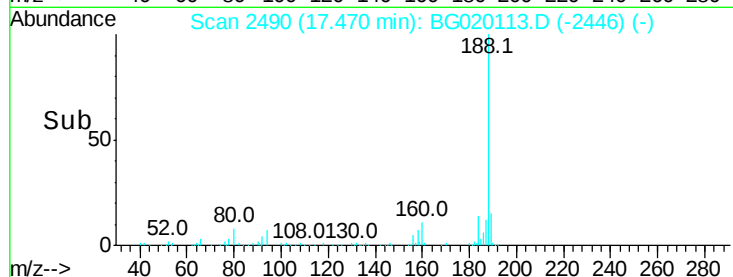
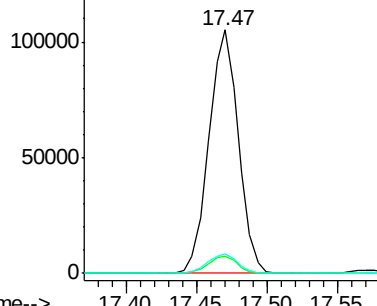
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020113.D
Acq: 11 Dec 2015 19:28

Instrument :
BNA_G
ClientSampled :
W-27

Tot Ion:188 Resp: 153073
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 7.8 7.8 11.8#

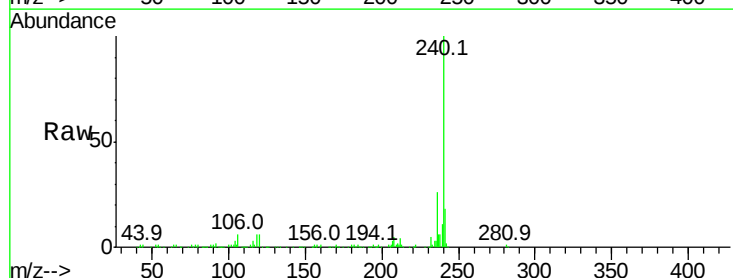


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

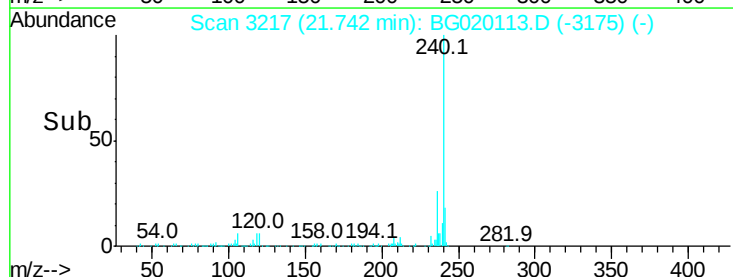
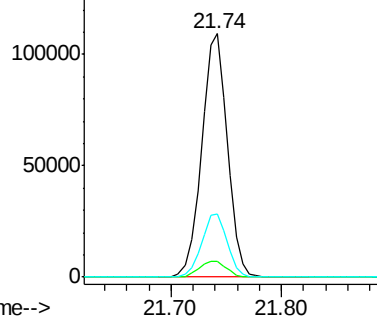


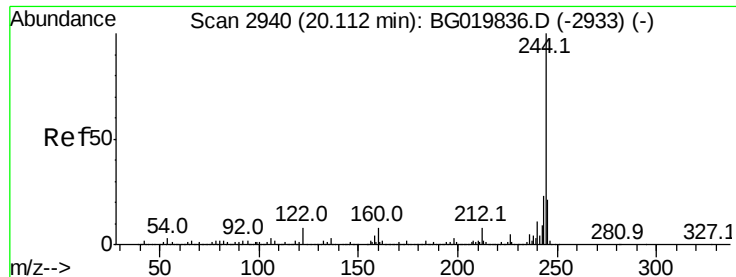
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020113.D
Acq: 11 Dec 2015 19:28

Tgt Ion:240 Resp: 177706
Ion Ratio Lower Upper
240 100
120 6.4 7.4 11.0#
236 25.9 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

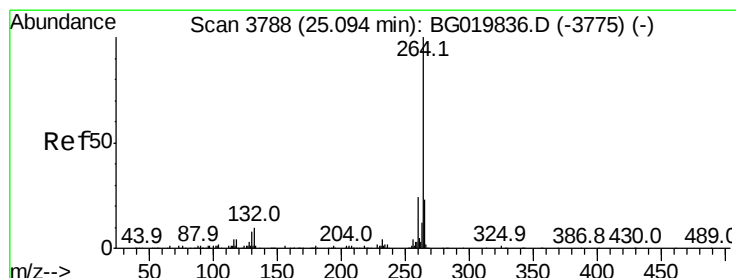
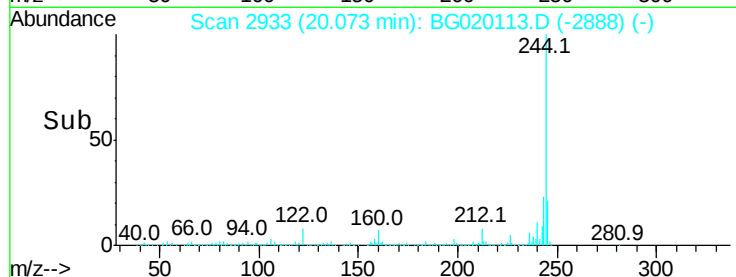
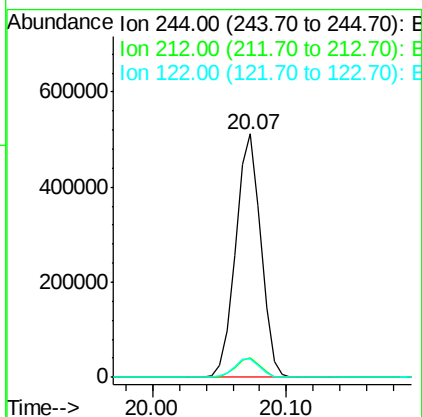
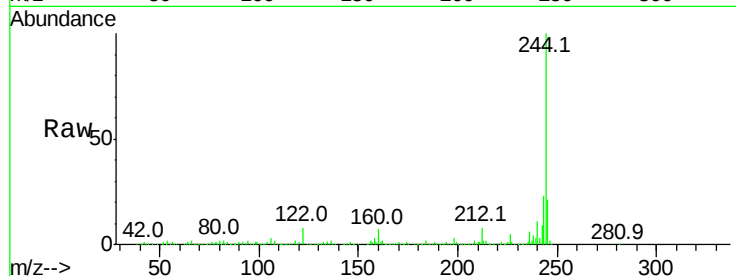




#78
 Terphenyl-d14
 Concen: 91.52 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020113.D
 Acq: 11 Dec 2015 19:28

Instrument :
 BNA_G
 ClientSampleId :
 W-27

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	7.7	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.01 min Scan# 3773
 Delta R.T. -0.09 min
 Lab File: BG020113.D
 Acq: 11 Dec 2015 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.4	17.2	25.8

