

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020013.D
 Acq On : 8 Dec 2015 11:51
 Operator : UM/SJ
 Sample : G4676-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-18

Quant Time: Dec 09 04:20:58 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

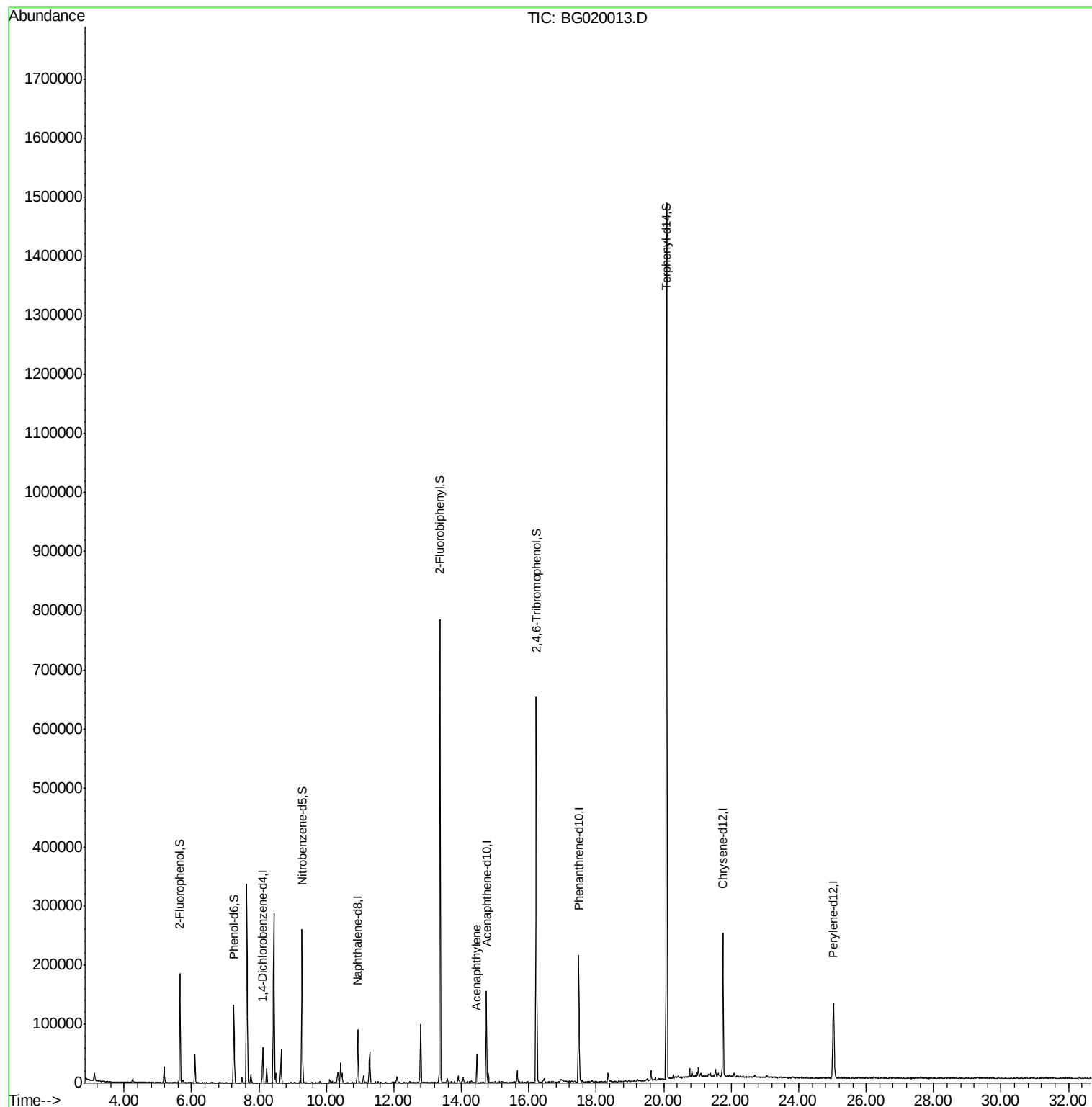
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16866	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	74598	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52832	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	129871	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	154417	20.00	ng	-0.04
86) Perylene-d12	25.04	264	146332	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	77187	82.71	ng	-0.01
7) Phenol-d6	7.26	99	73946	52.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	161371	110.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	120634	149.23	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	391827	101.27	ng	-0.02
78) Terphenyl-d14	20.08	244	661576	104.50	ng	-0.03
Target Compounds						
48) Acenaphthylene	14.46	152	34109	5.99	ng	Qvalue 99

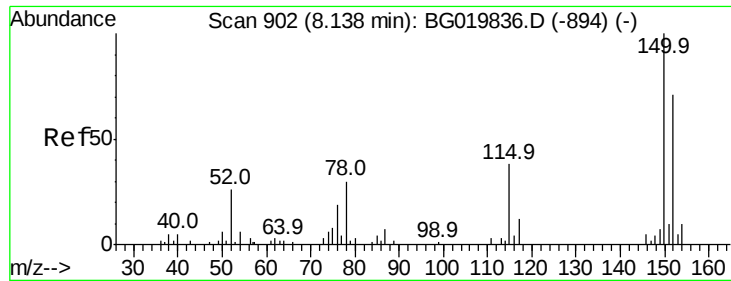
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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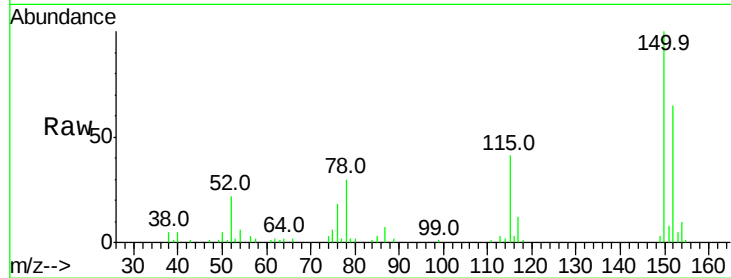


#1

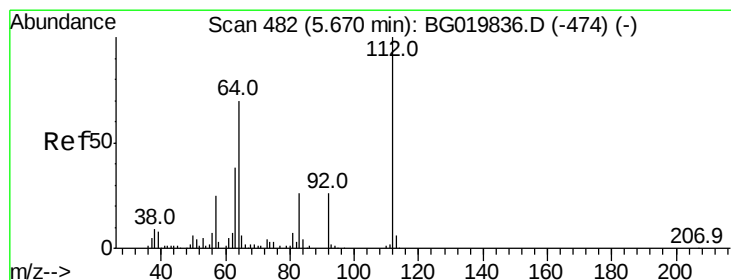
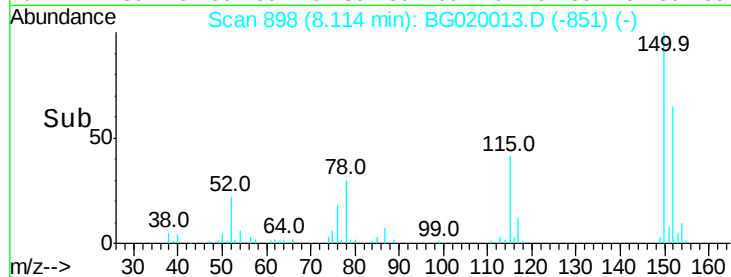
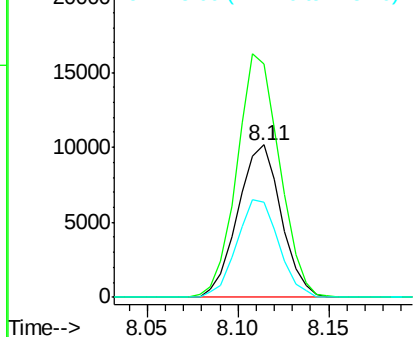
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion:152 Resp: 16866
Ion Ratio Lower Upper
152 100
150 152.9 115.0 172.4
115 62.4 43.9 65.9



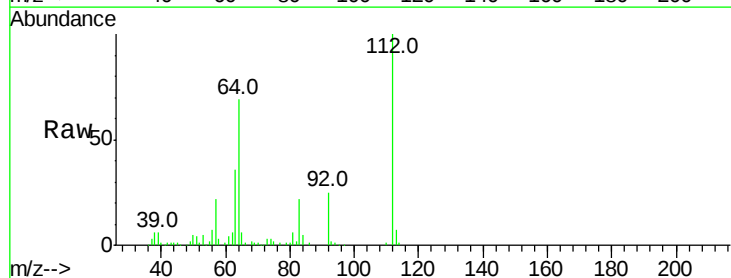
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



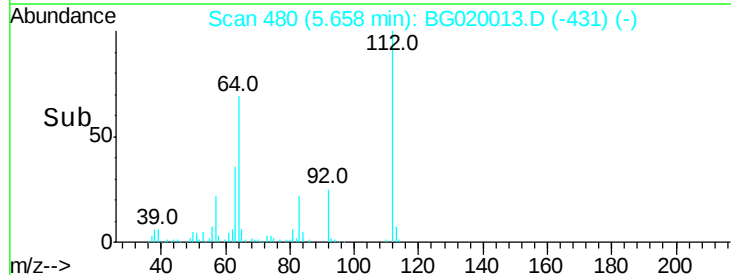
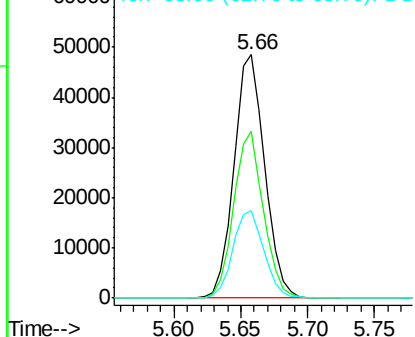
#5

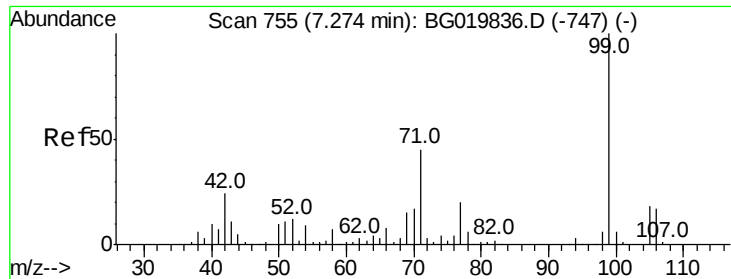
2-Fluorophenol
Concen: 82.71 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Tgt Ion:112 Resp: 77187
Ion Ratio Lower Upper
112 100
64 68.7 43.7 65.5#
63 36.0 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: 52.48 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

BNA_G

ClientSampleId :

MW-18

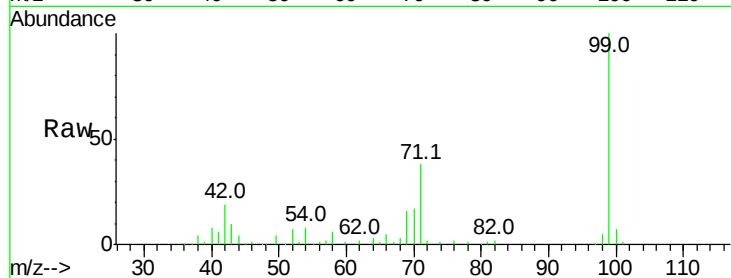
Tot Ion: 99 Resp: 73946

Ion Ratio Lower Upper

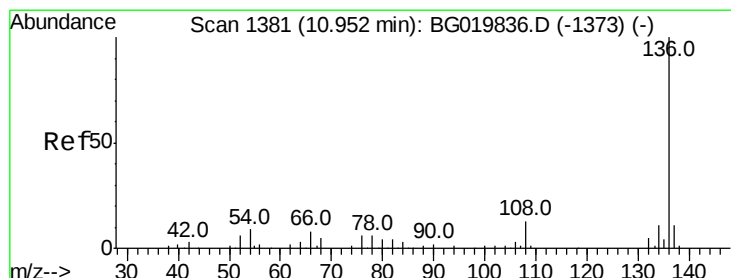
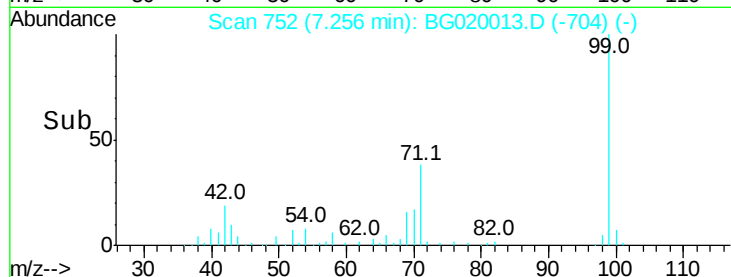
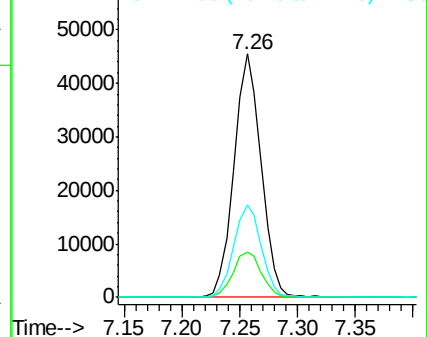
99 100

42 18.8 11.5 17.3#

71 38.0 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: BG020013.D

Acq: 8 Dec 2015 11:51

Tgt Ion: 136 Resp: 74598

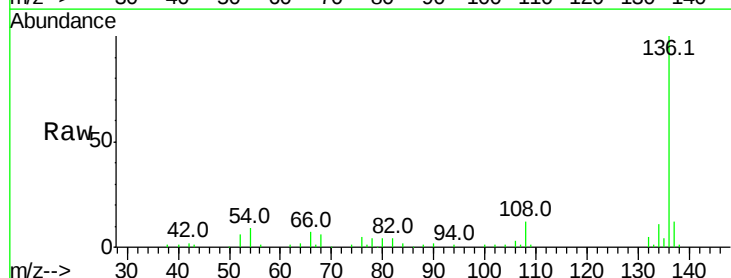
Ion Ratio Lower Upper

136 100

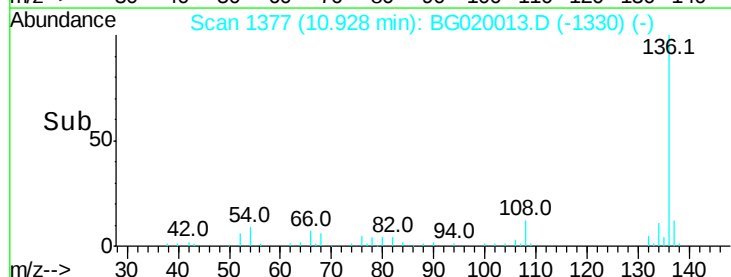
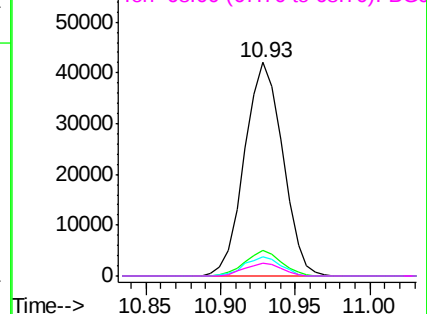
137 11.8 8.6 12.8

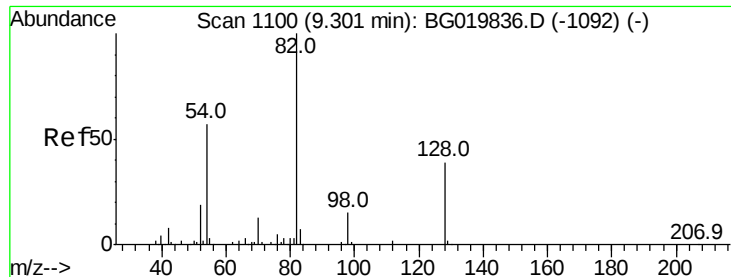
54 9.3 5.4 8.2#

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

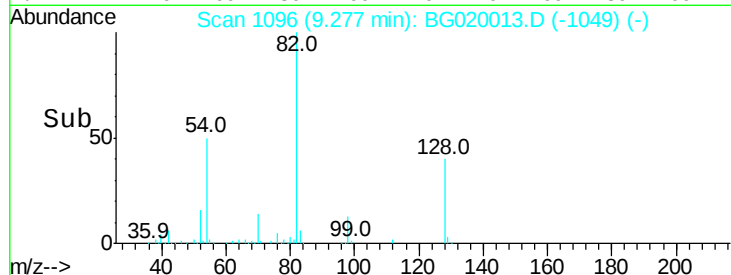
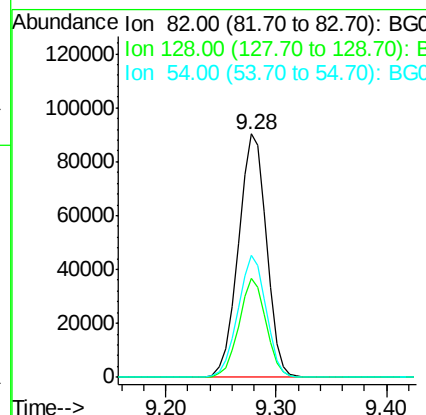
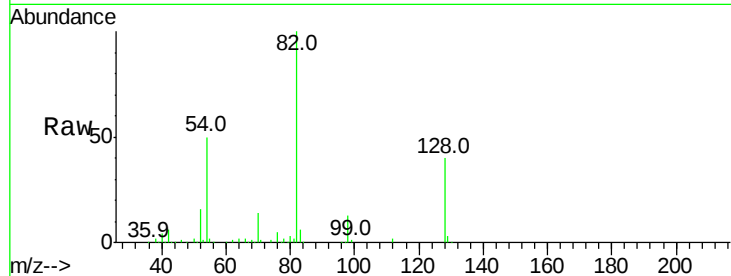




#23
 Nitrobenzene-d5
 Concen: 110.40 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020013.D
 Acq: 8 Dec 2015 11:51

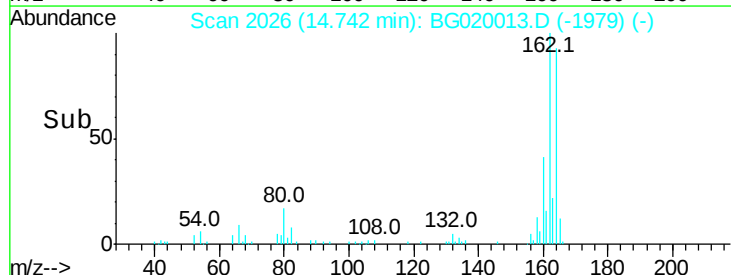
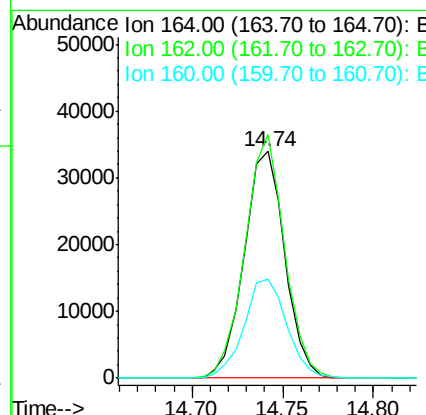
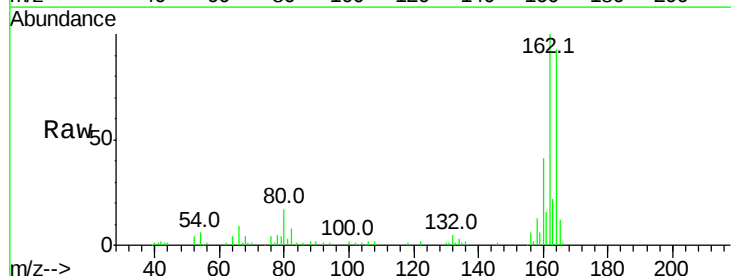
Instrument :
 BNA_G
 ClientSampled :
 MW-18

Tot Ion: 82 Resp: 161371
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.7 55.1
 54 50.0 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: BG020013.D
 Acq: 8 Dec 2015 11:51

Tgt Ion: 164 Resp: 52832
 Ion Ratio Lower Upper
 164 100
 162 107.3 78.8 118.2
 160 43.8 36.4 54.6

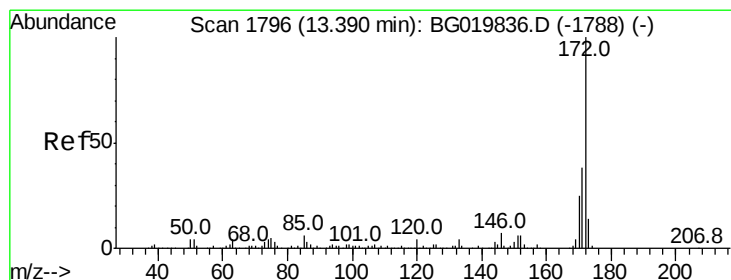
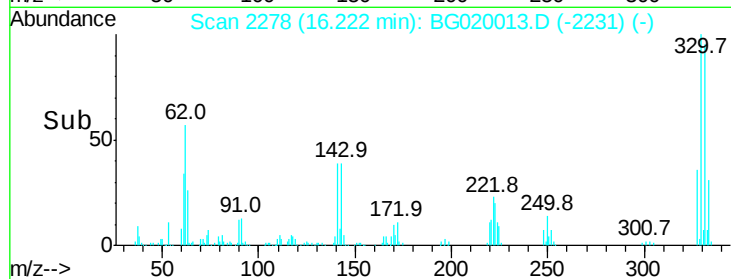
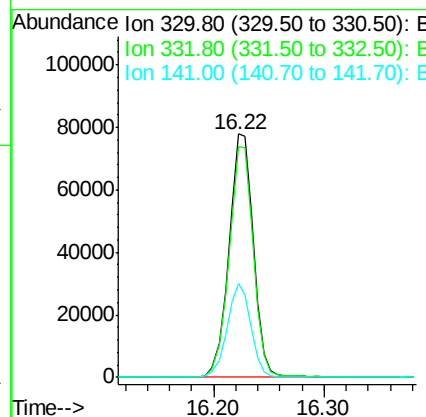
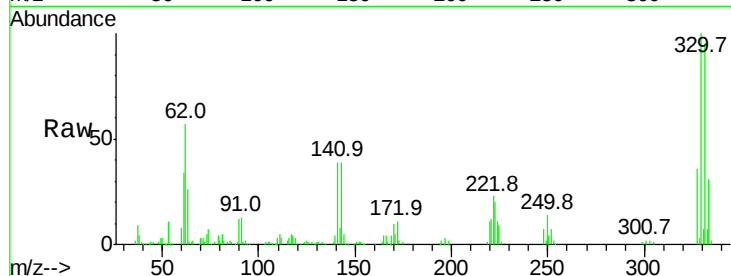




#41
 2,4,6-Tribromophenol
 Concen: 149.23 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020013.D
 Acq: 8 Dec 2015 11:51

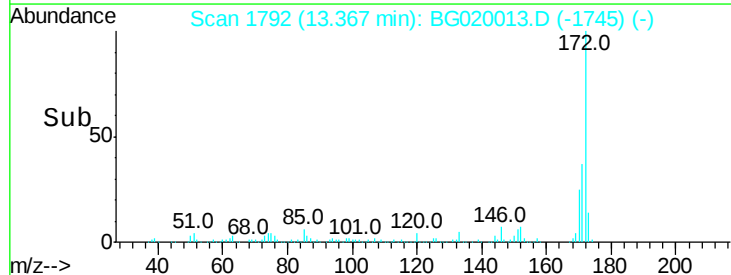
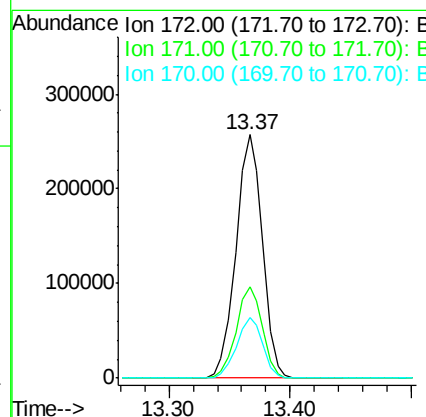
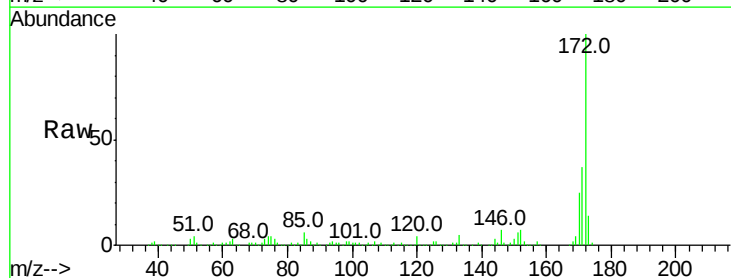
Instrument :
 BNA_G
 ClientSampleId :
 MW-18

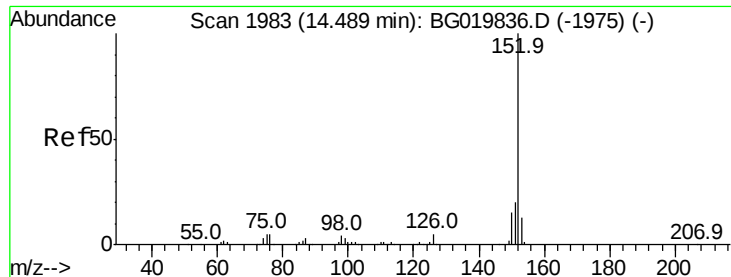
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.1	117.1
141	37.3	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 101.27 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020013.D
 Acq: 8 Dec 2015 11:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	25.1	19.9	29.9





#48

Acenaphthylene

Concen: 5.99 ng

RT: 14.46 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

BNA_G

ClientSampleId :

MW-18

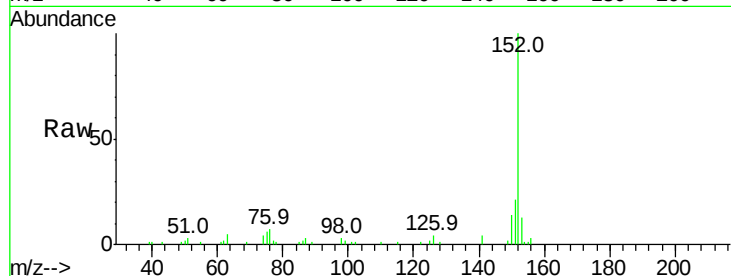
Tot Ion:152 Resp: 34109

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

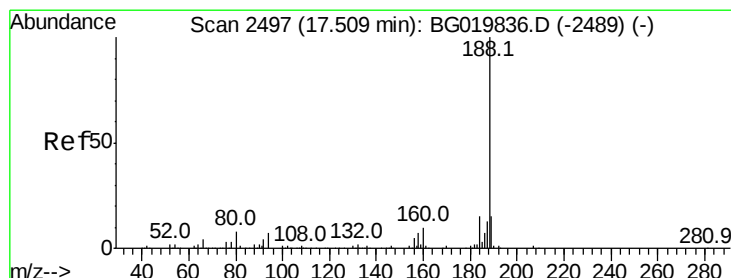
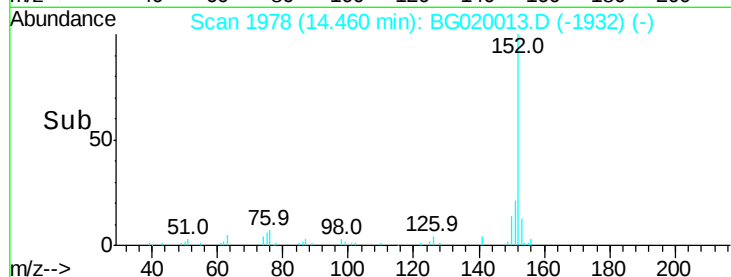
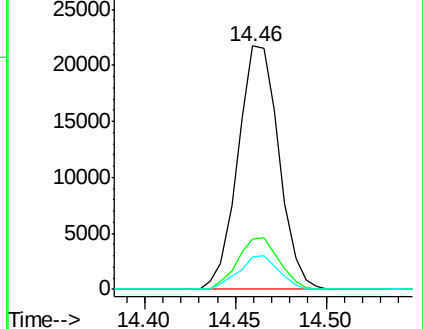
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

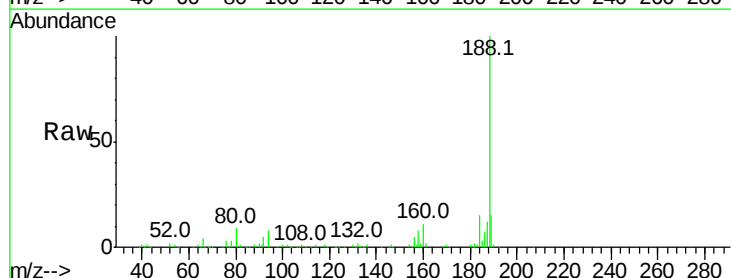
Tgt Ion:188 Resp: 129871

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

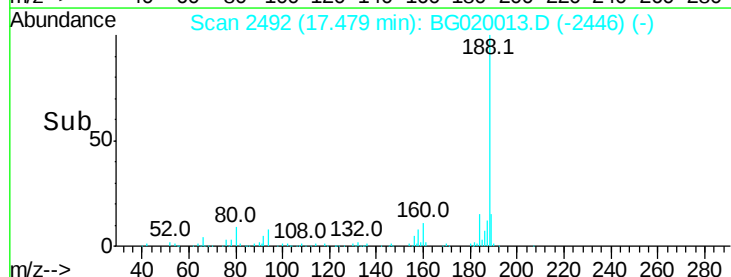
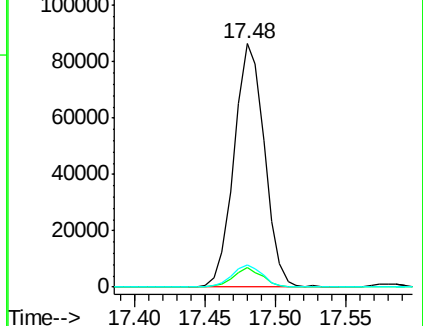
80 8.9 7.8 11.8

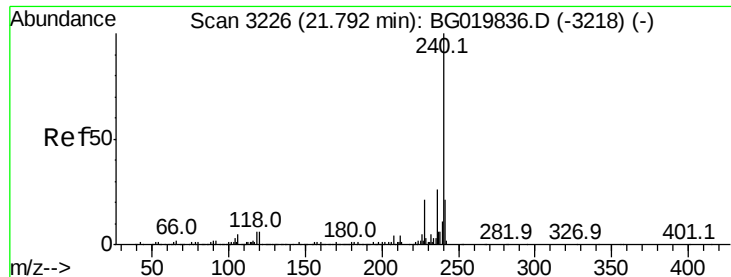


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

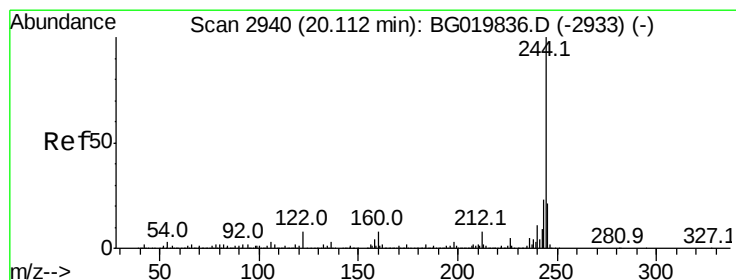
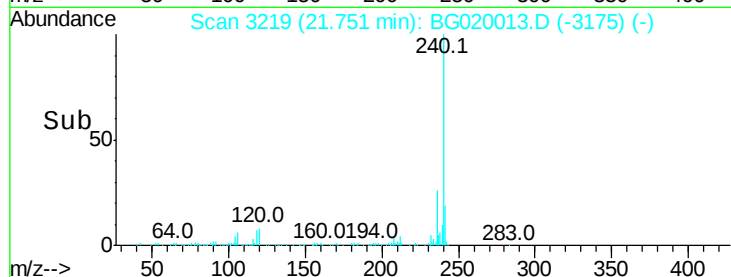
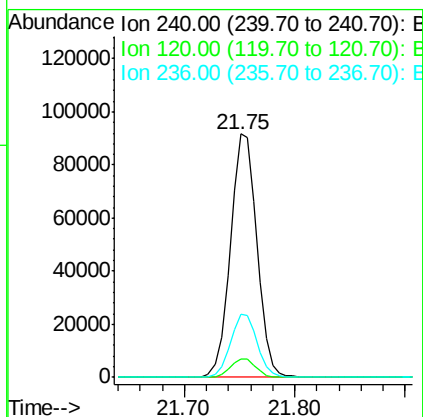
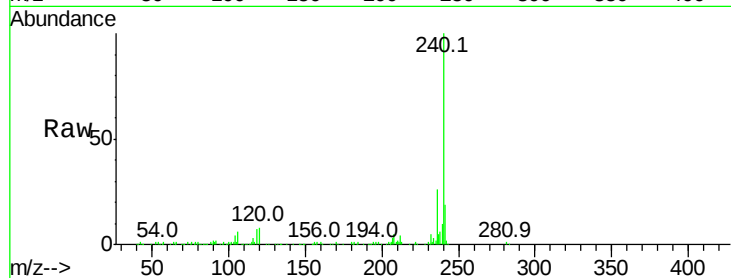




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.04 min
 Lab File: BG020013.D
 Acq: 8 Dec 2015 11:51

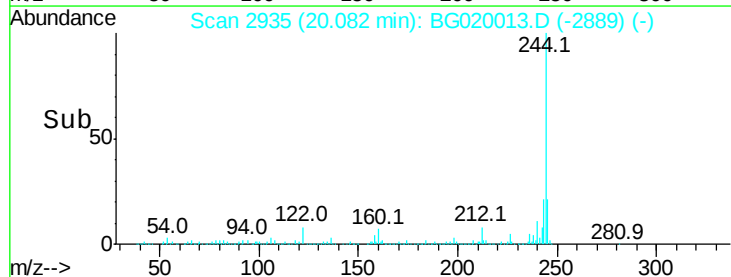
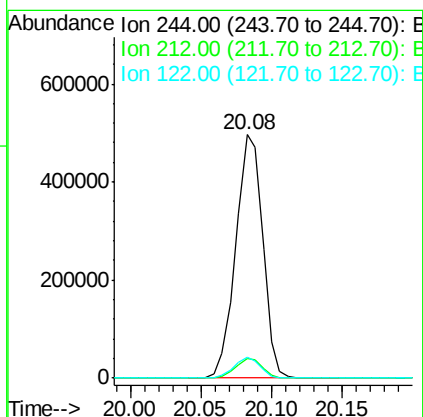
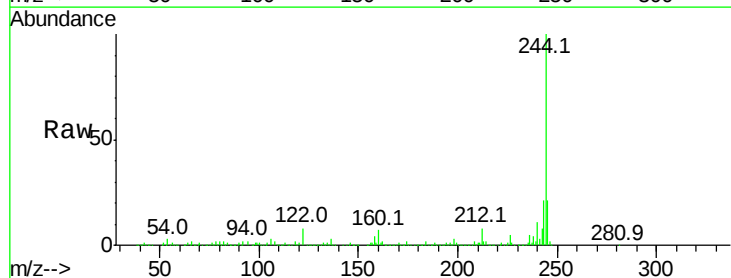
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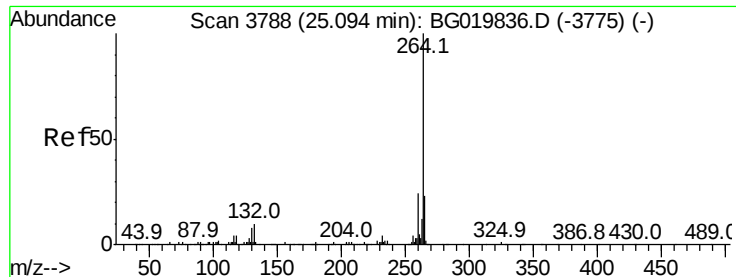
Tot Ion:240 Resp: 154417
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.4 11.0
 236 25.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 104.50 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020013.D
 Acq: 8 Dec 2015 11:51

Tgt Ion:244 Resp: 661576
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 8.5 10.2 15.2#

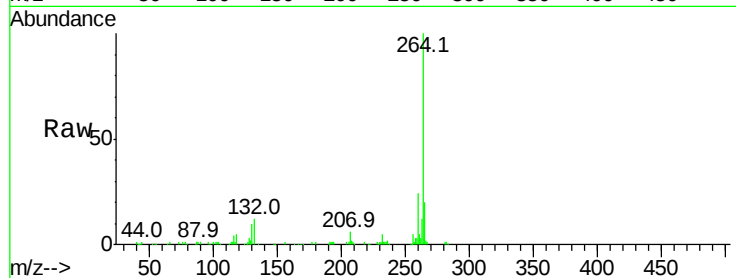




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Instrument :
BNA_G
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

