

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021230.D
 Acq On : 3 Mar 2016 2:53
 Operator : UM/SJ
 Sample : H1640-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 05:40:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

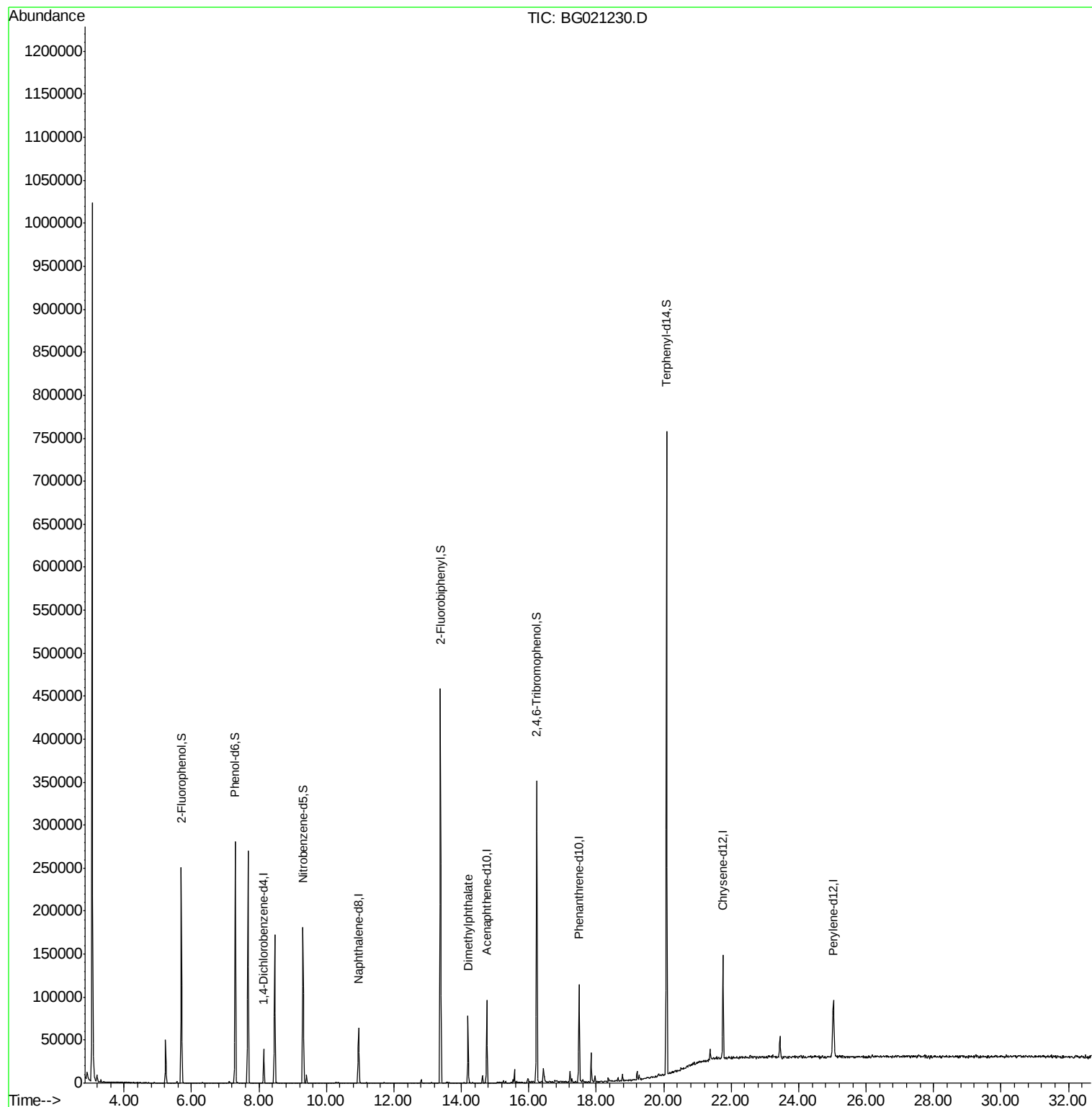
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9881	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	51380	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	30545	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	65728	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	69864	20.00	ng	-0.02
86) Perylene-d12	25.03	264	64123	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	94123	151.43	ng	-0.01
7) Phenol-d6	7.30	99	156766	153.39	ng	0.00
23) Nitrobenzene-d5	9.31	82	113379	93.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	46903	147.59	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	214592	99.76	ng	-0.02
78) Terphenyl-d14	20.08	244	279897	97.06	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	47162	17.33	ng	Qvalue # 98

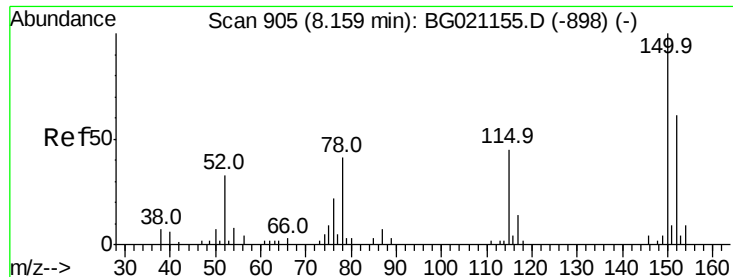
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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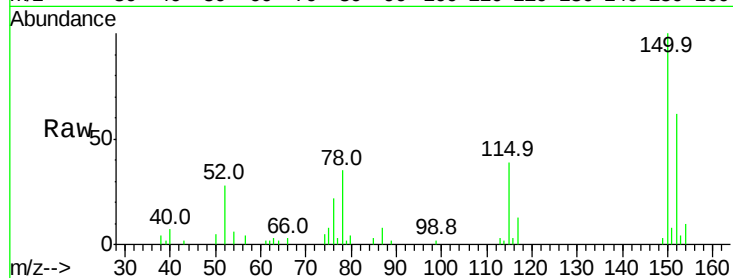


#1

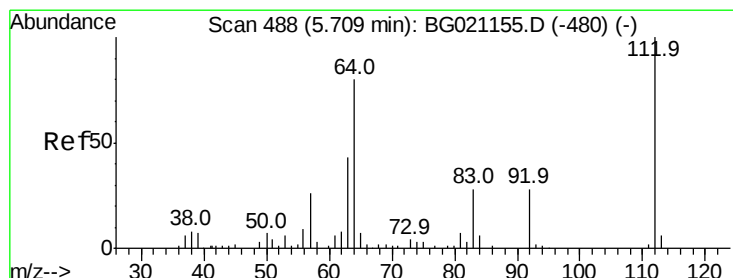
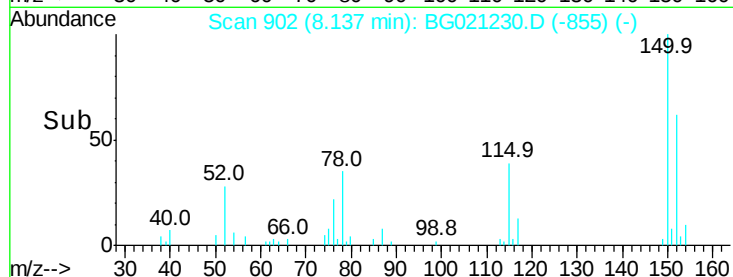
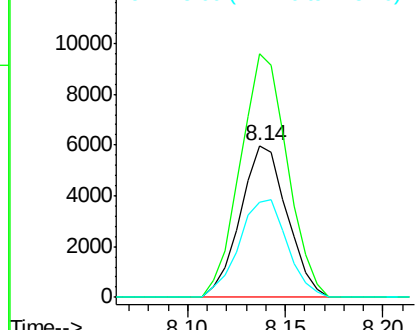
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 9881
Ion Ratio Lower Upper
152 100
150 160.5 123.4 185.2
115 62.6 43.3 64.9



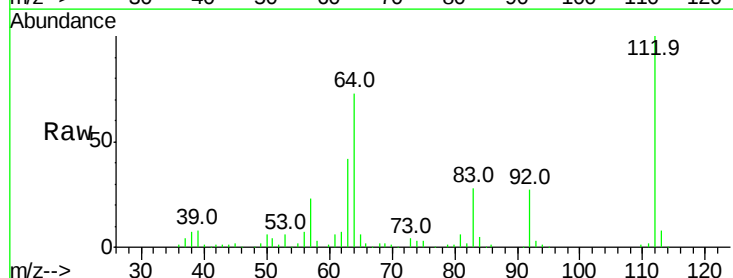
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



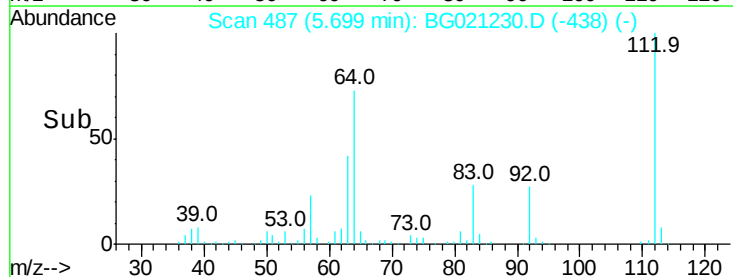
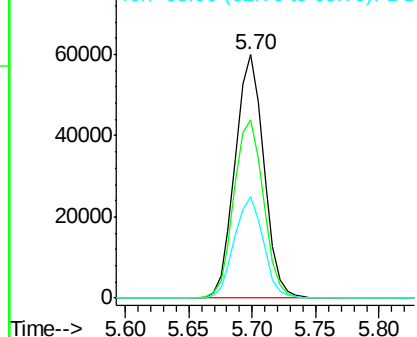
#5

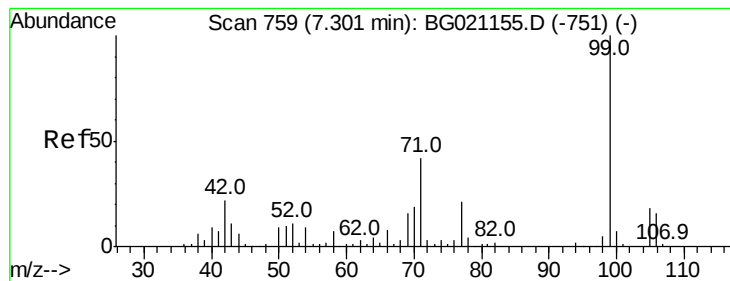
2-Fluorophenol
Concen: 151.43 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

Tgt Ion:112 Resp: 94123
Ion Ratio Lower Upper
112 100
64 73.3 42.6 63.8#
63 41.9 21.7 32.5#



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: 153.39 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021230.D

Acq: 3 Mar 2016 2:53

Instrument :

BNA_G

ClientSampleId :

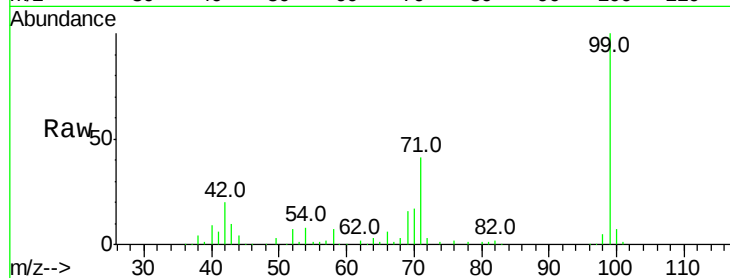
Tot Ion: 99 Resp: 156766

Ion Ratio Lower Upper

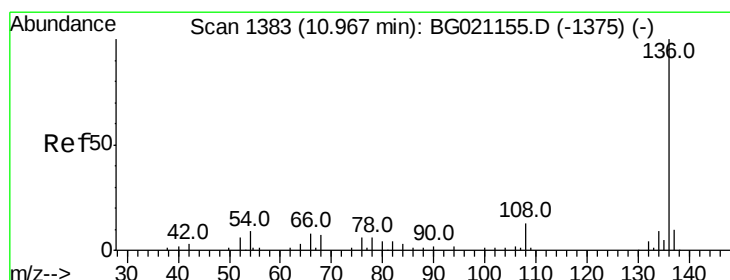
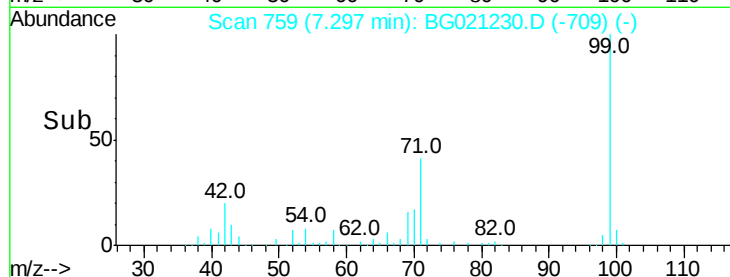
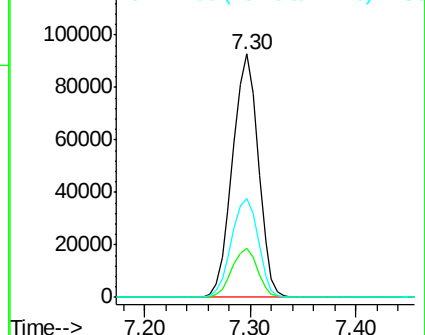
99 100

42 20.2 13.2 19.8#

71 40.7 25.2 37.8#



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: 10.95 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BG021230.D

Acq: 3 Mar 2016 2:53

Tgt Ion: 136 Resp: 51380

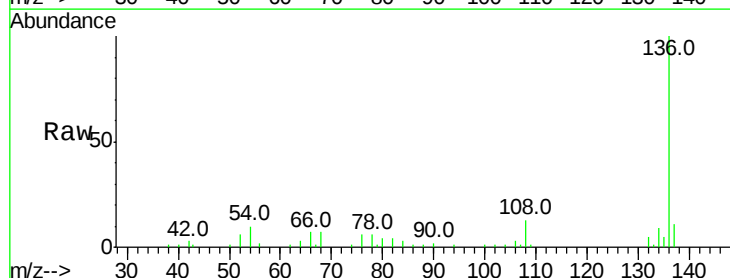
Ion Ratio Lower Upper

136 100

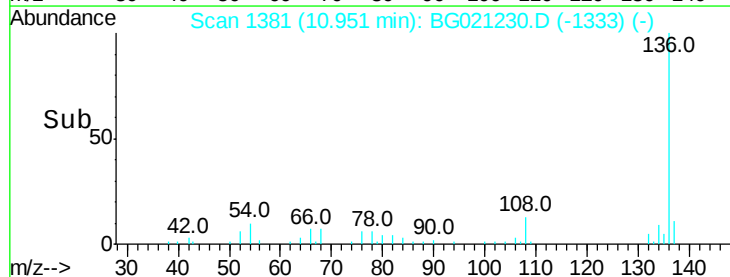
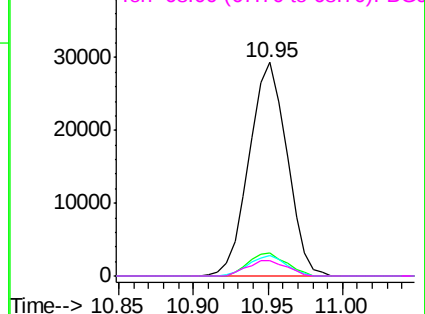
137 10.9 8.8 13.2

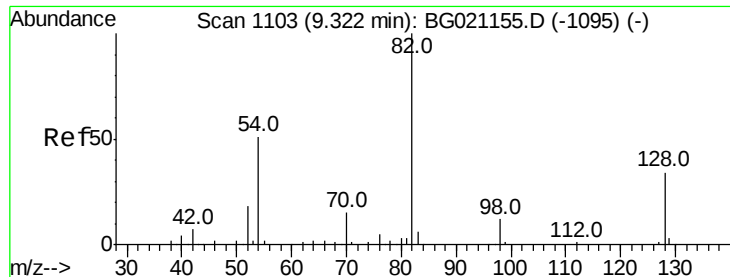
54 9.8 6.9 10.3

68 7.2 5.8 8.6



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

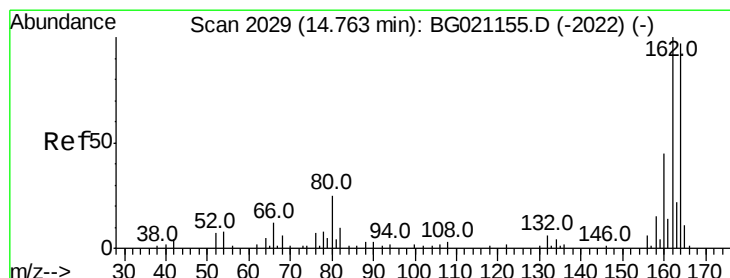
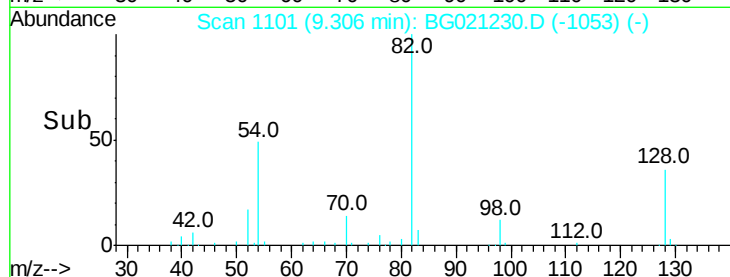
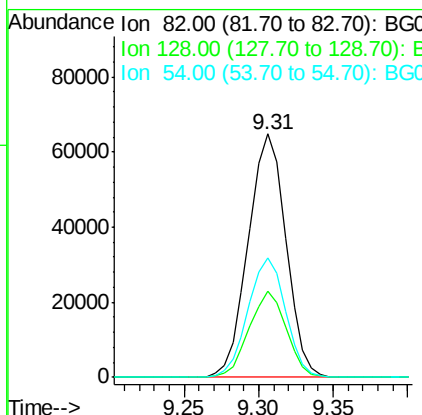
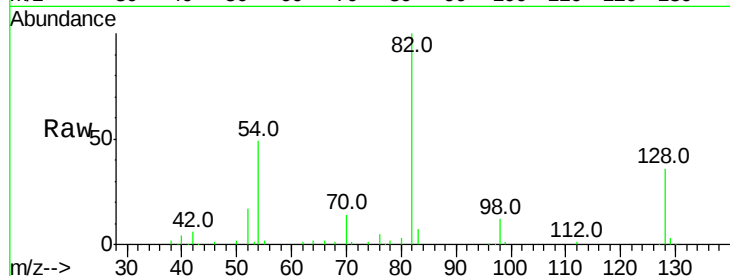




#23
Nitrobenzene-d5
Concen: 93.38 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

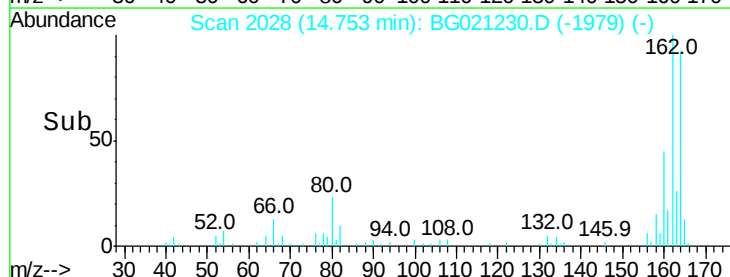
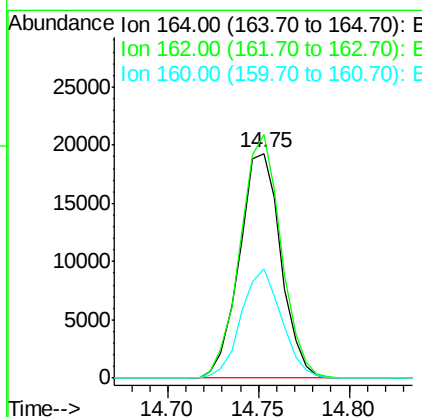
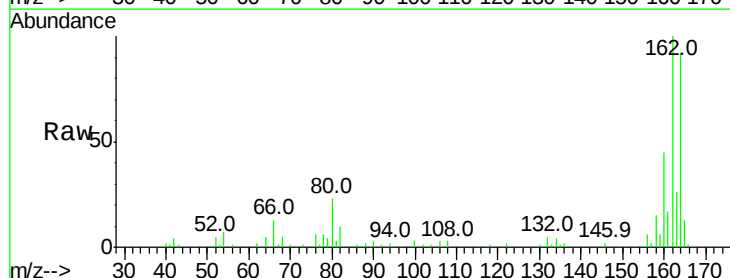
Instrument :
BNA_G
ClientSampleId :

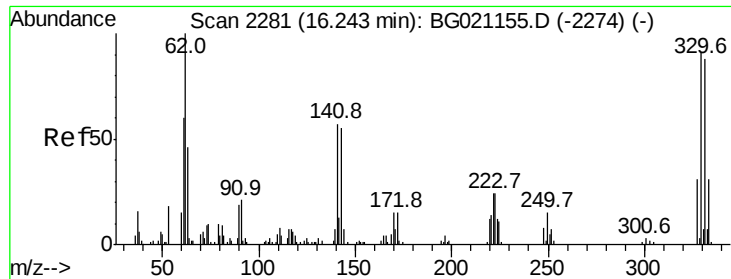
Tot Ion: 82 Resp: 113379
Ion Ratio Lower Upper
82 100
128 35.6 36.3 54.5#
54 49.2 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

Tgt Ion:164 Resp: 30545
Ion Ratio Lower Upper
164 100
162 108.4 80.6 120.8
160 48.4 36.5 54.7

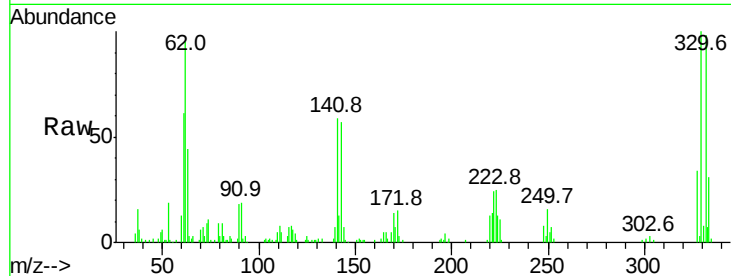




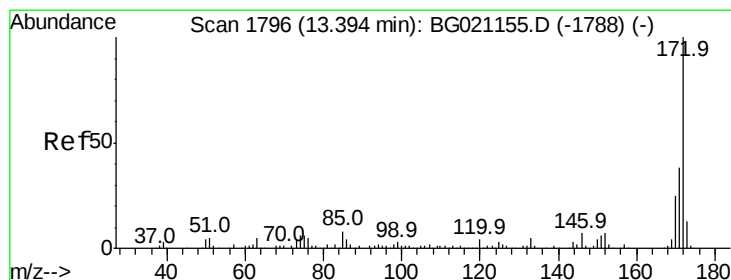
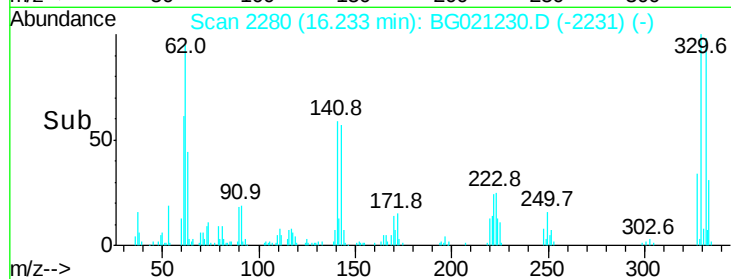
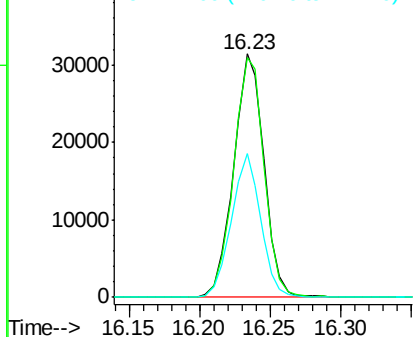
#41
 2,4,6-Tribromophenol
 Concen: 147.59 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021230.D
 Acq: 3 Mar 2016 2:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 46903
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.0
 141 56.8 35.3 52.9#

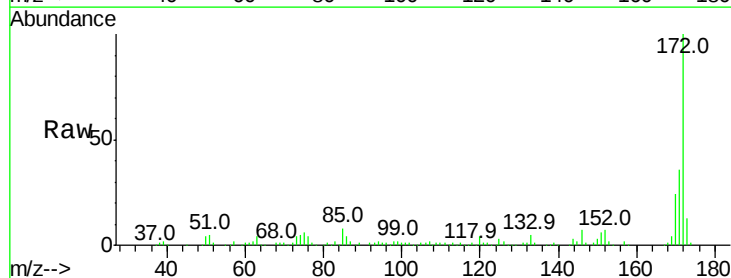


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

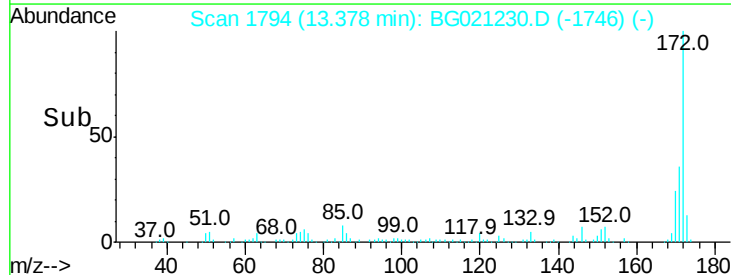
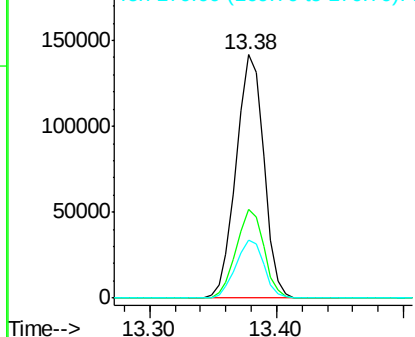


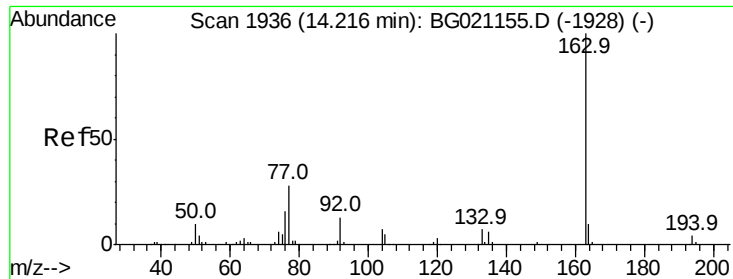
#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG021230.D
 Acq: 3 Mar 2016 2:53

Tgt Ion:172 Resp: 214592
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 23.7 19.8 29.8



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

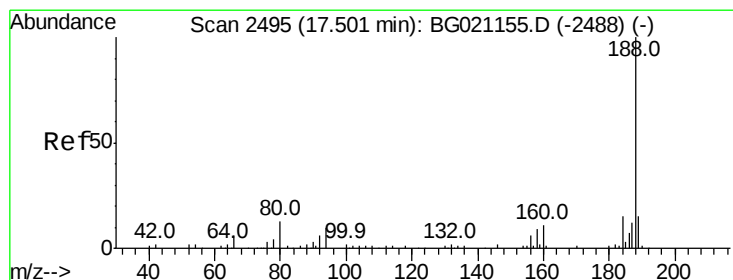
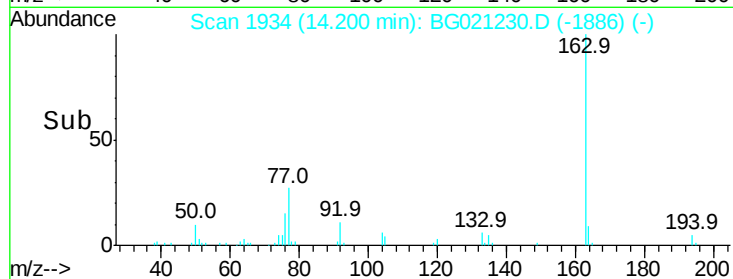
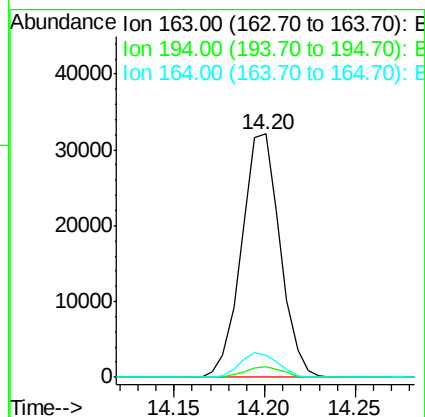
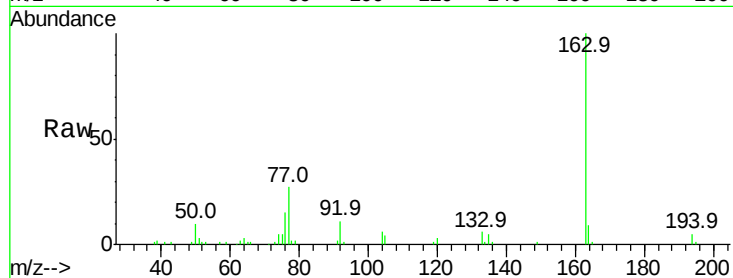




#49
Dimethylphthalate
Concen: 17.33 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

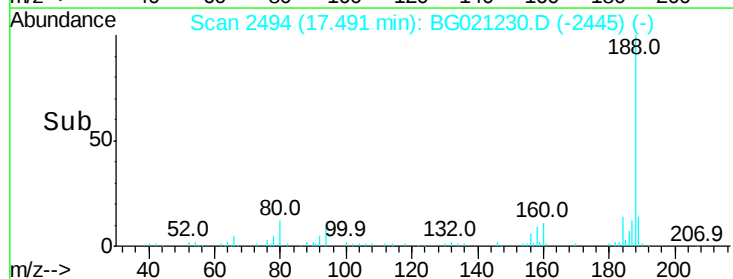
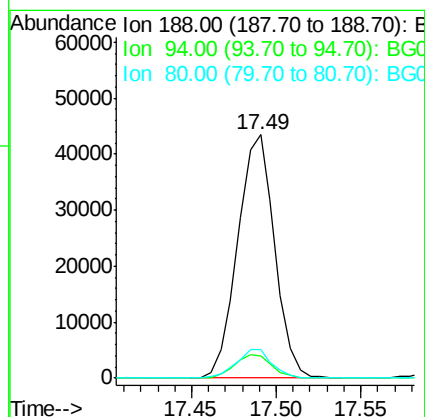
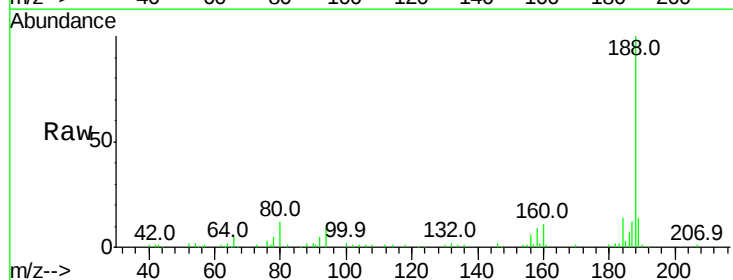
Instrument :
BNA_G
ClientSampleId :

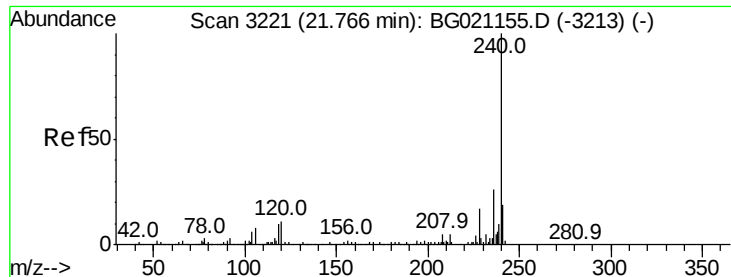
Tot Ion:163 Resp: 47162
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2#
164 9.1 7.9 11.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

Tgt Ion:188 Resp: 65728
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 11.9 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG021230.D

Acq: 3 Mar 2016 2:53

Instrument :

BNA_G

ClientSampled :

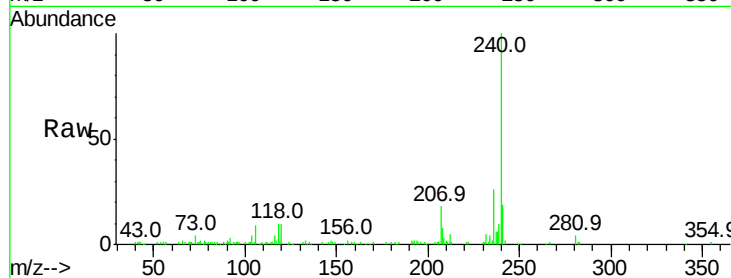
Tot Ion:240 Resp: 69864

Ion Ratio Lower Upper

240 100

120 9.7 7.5 11.3

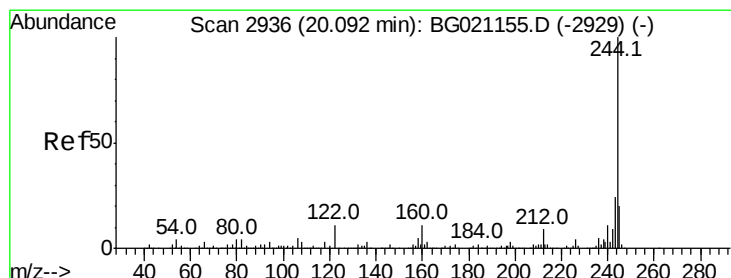
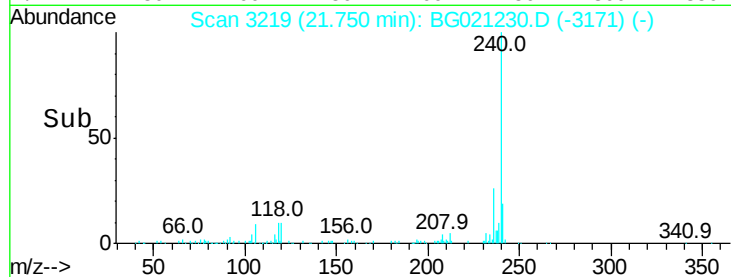
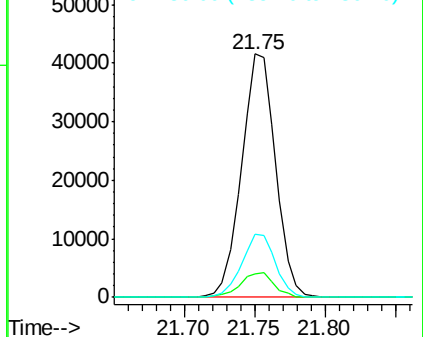
236 25.9 20.5 30.7



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: 97.06 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021230.D

Acq: 3 Mar 2016 2:53

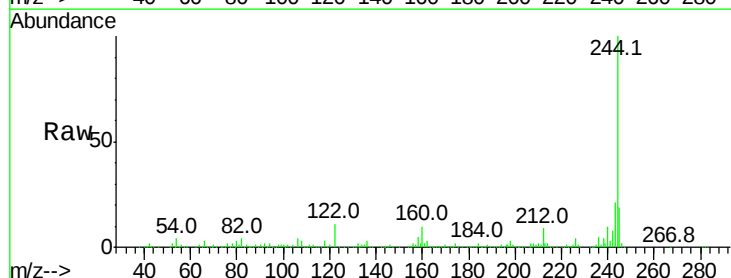
Tgt Ion:244 Resp: 279897

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

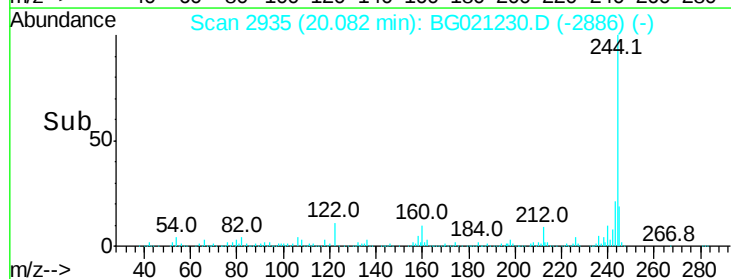
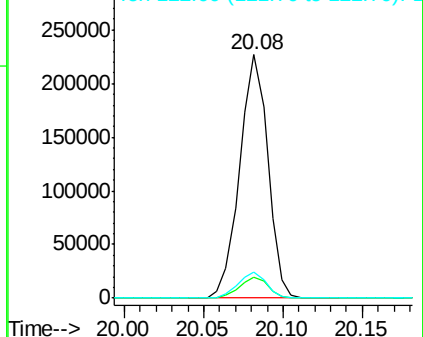
122 10.8 8.3 12.5

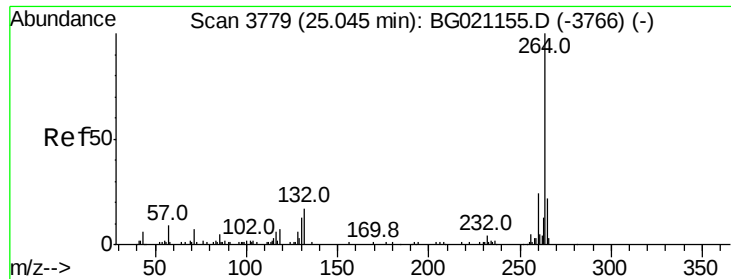


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

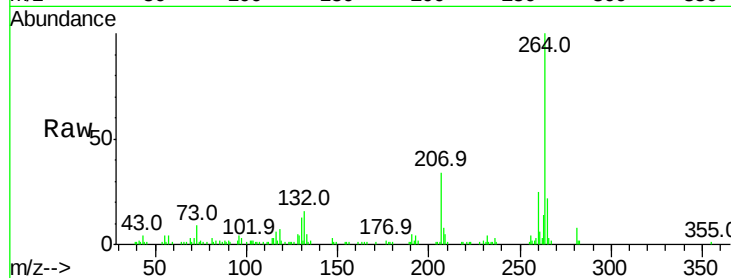




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021230.D
Acq: 3 Mar 2016 2:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.5	27.7
265	22.2	18.6	28.0



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

