

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015950.D
 Acq On : 27 Jan 2015 16:04
 Operator : TP/IZ
 Sample : G1116-01
 Misc : W
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP

Quant Time: Jan 28 01:04:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 23:52:02 2015
 Response via : Initial Calibration

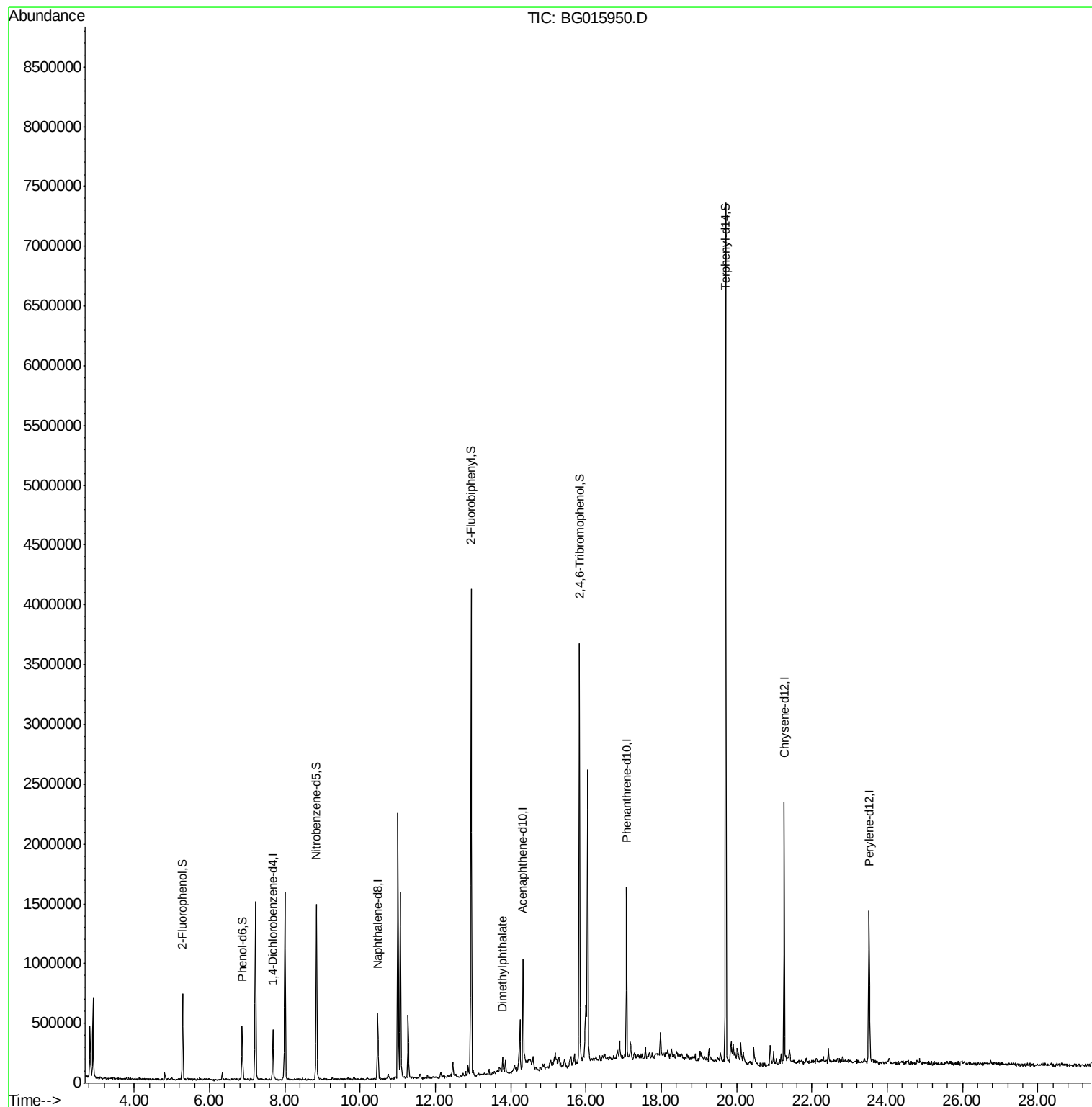
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	77646	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	320855	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	280069	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	736374	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1041412	20.00	ng	0.00
86) Perylene-d12	23.52	264	1012587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	233846	44.85	ng	0.00
7) Phenol-d6	6.87	99	219065	26.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	878503	78.93	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	590743	115.22	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1671030	93.61	ng	0.00
78) Terphenyl-d14	19.72	244	2845042	74.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.79	163	51144	2.54	ng	Qvalue # 86

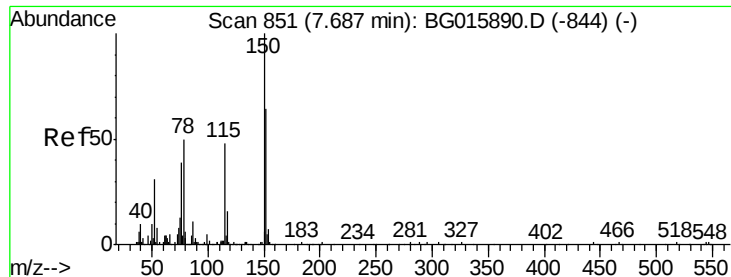
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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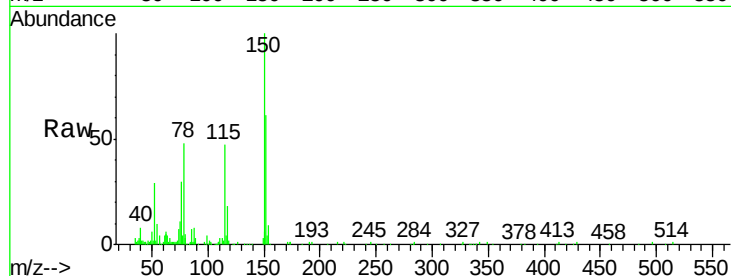


#1

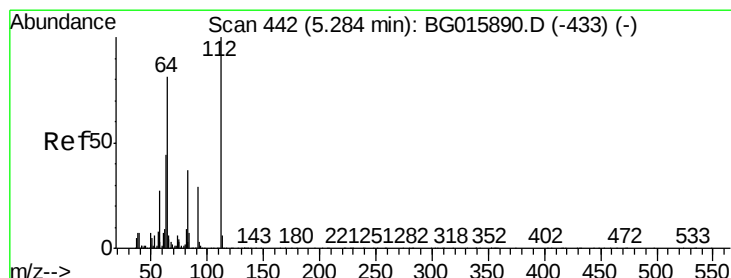
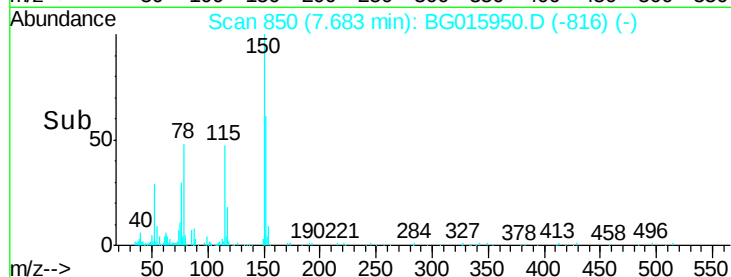
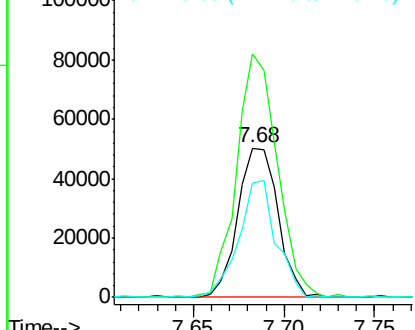
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 77646
Ion Ratio Lower Upper
152 100
150 162.8 124.5 186.7
115 76.5 60.4 90.6



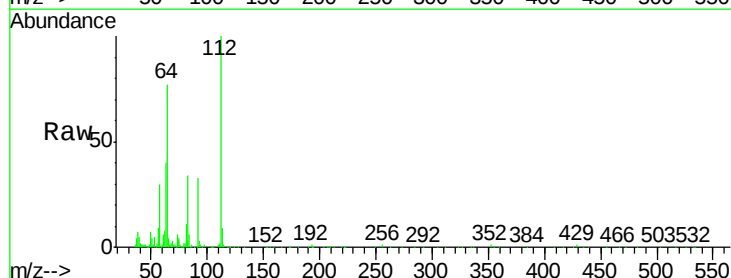
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



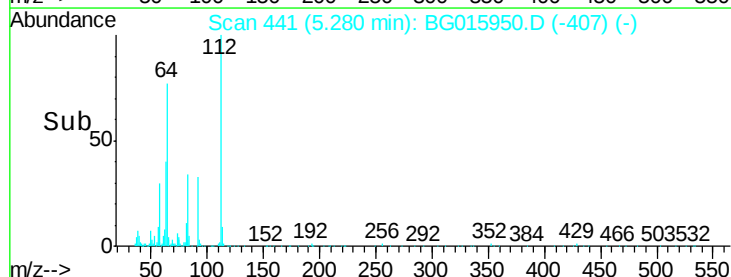
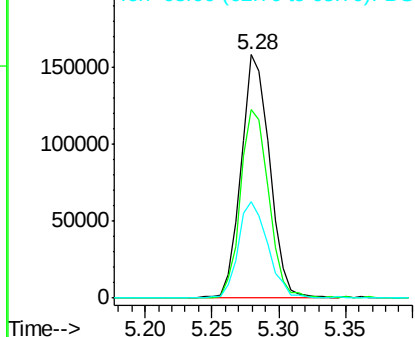
#5

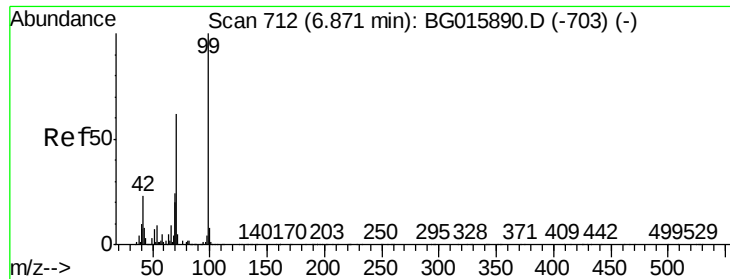
2-Fluorophenol
Concen: 44.85 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:112 Resp: 233846
Ion Ratio Lower Upper
112 100
64 77.4 64.4 96.6
63 39.9 35.1 52.7



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: 26.07 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampleId :

SUMP

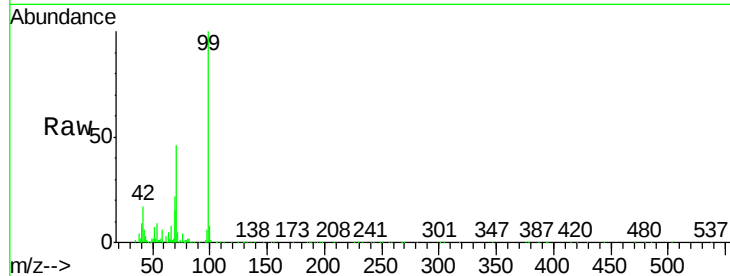
Tgt Ion: 99 Resp: 219065

Ion Ratio Lower Upper

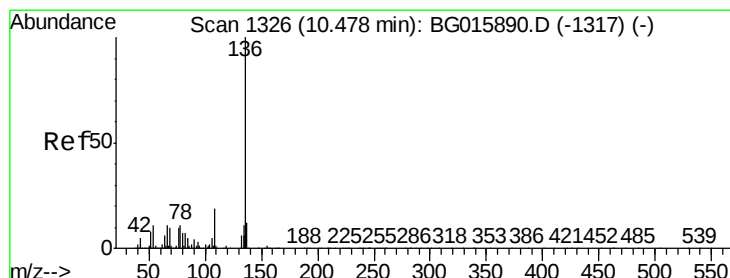
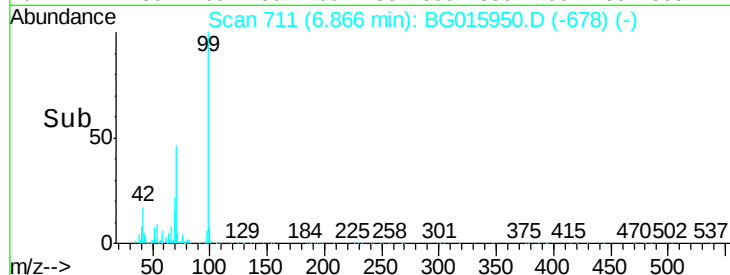
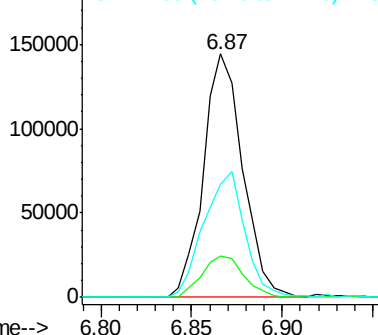
99 100

42 17.1 18.1 27.1#

71 46.5 49.8 74.8#



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: 10.47 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Tgt Ion: 136 Resp: 320855

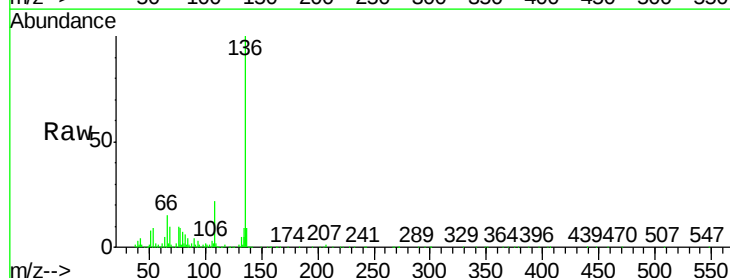
Ion Ratio Lower Upper

136 100

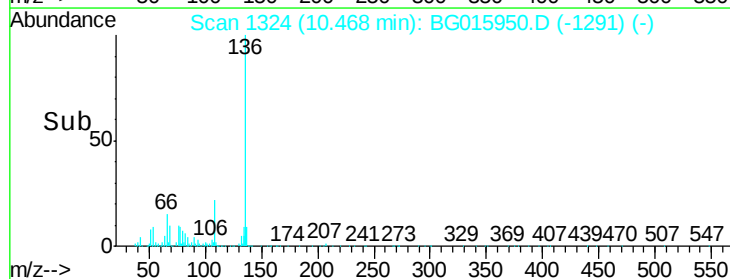
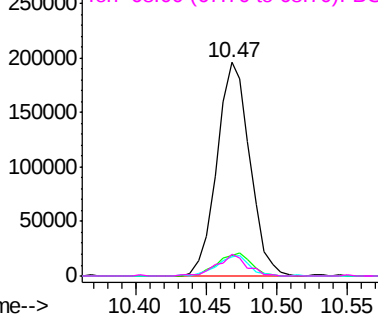
137 9.4 9.7 14.5#

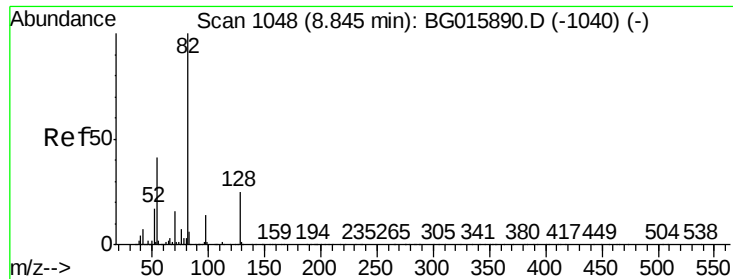
54 8.9 8.5 12.7

68 10.2 8.0 12.0



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

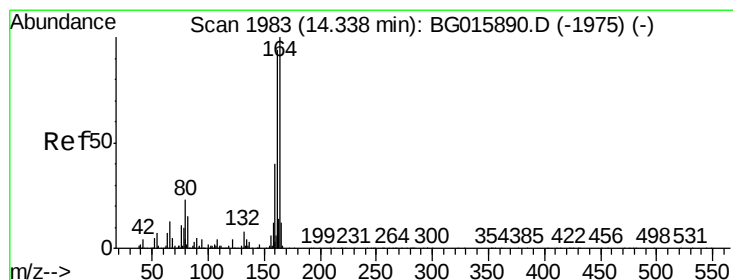
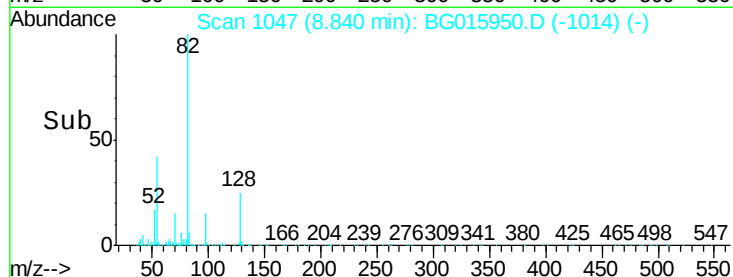
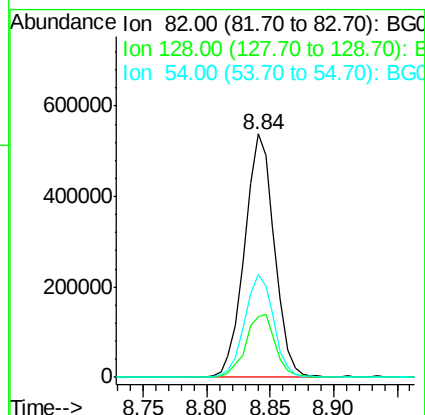
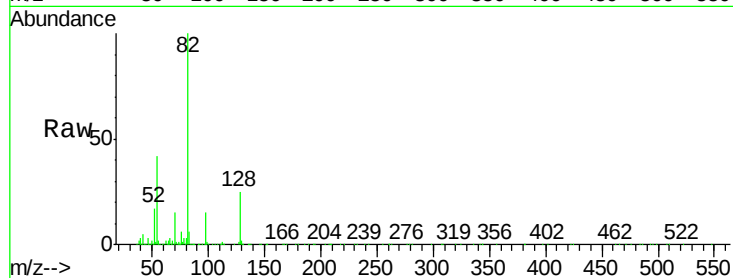




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015950.D
 Acq: 27 Jan 2015 16:04

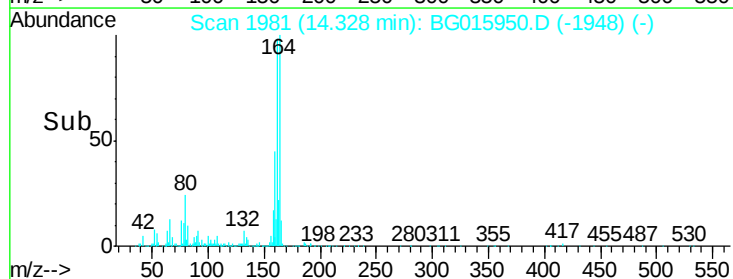
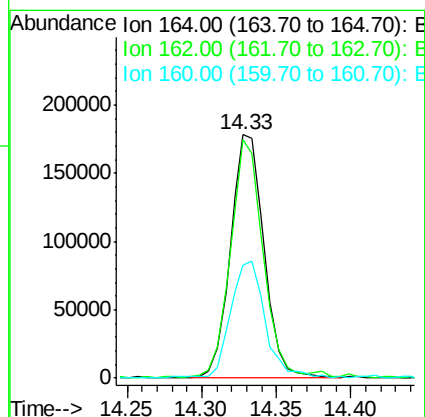
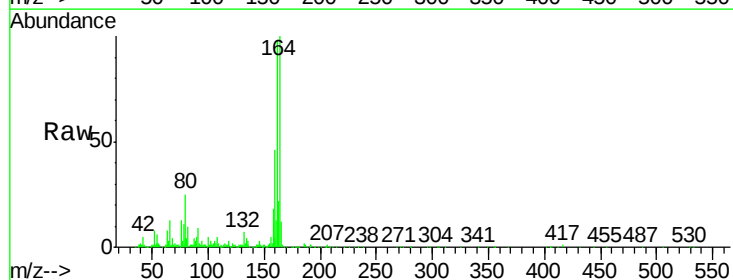
Instrument :
 BNA_G
 ClientSampleId :
 SUMP

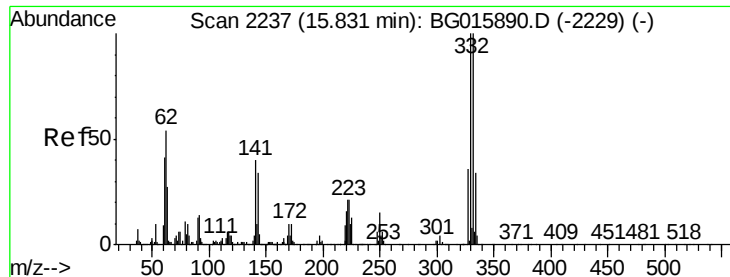
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.8	19.8	29.8
54	42.3	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015950.D
 Acq: 27 Jan 2015 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	75.1	112.7
160	46.4	32.3	48.5

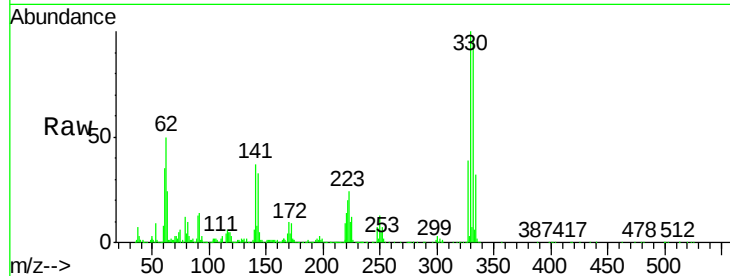




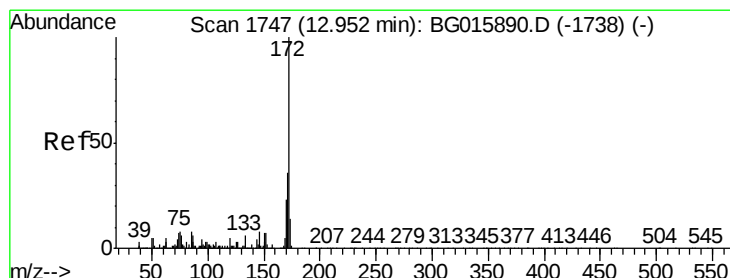
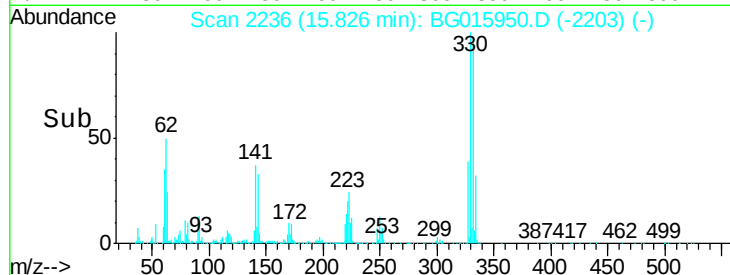
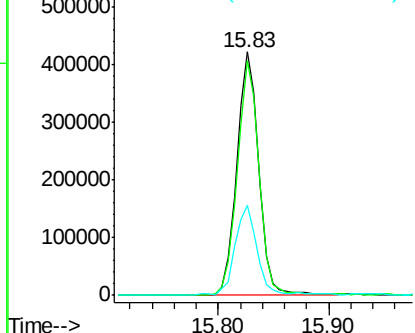
#41
2,4,6-Tribromophenol
Concen: 115.22 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampled :
SUMP

Tgt Ion:330 Resp: 590743
Ion Ratio Lower Upper
330 100
332 95.0 75.4 113.0
141 37.3 33.0 49.6

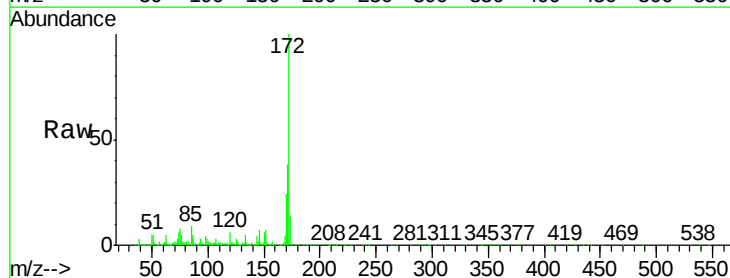


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

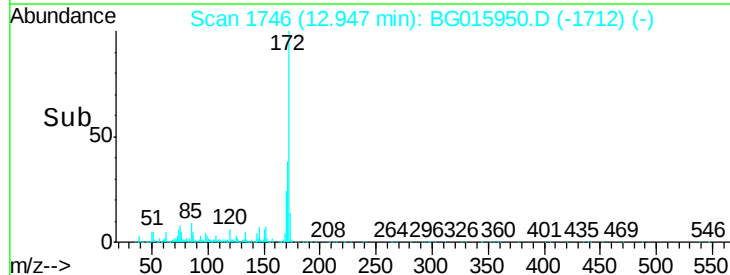
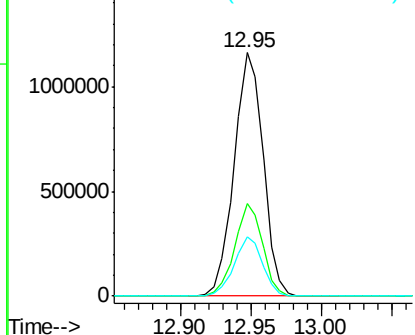


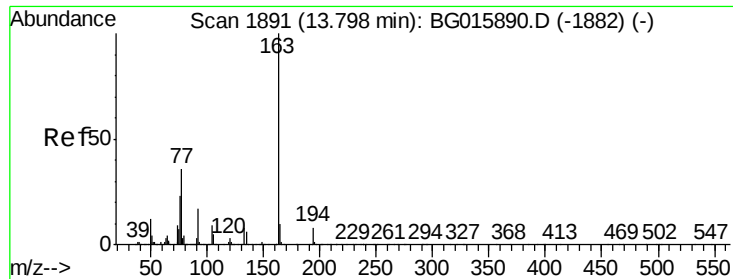
#44
2-Fluorobiphenyl
Concen: 93.61 ng
RT: 12.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:172 Resp: 1671030
Ion Ratio Lower Upper
172 100
171 38.0 29.2 43.8
170 24.4 18.6 27.8



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: 2.54 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampled :

SUMP

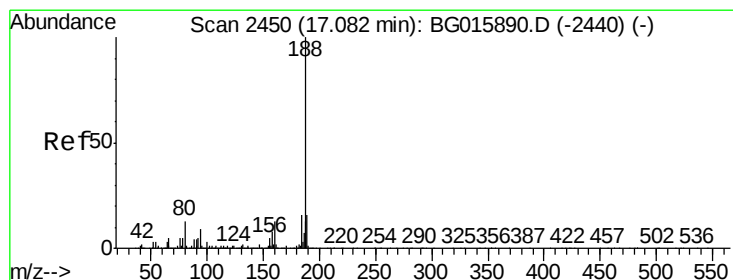
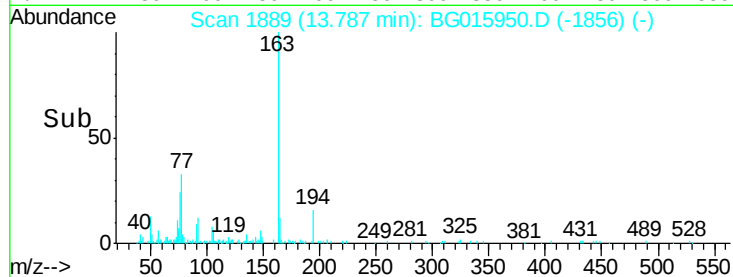
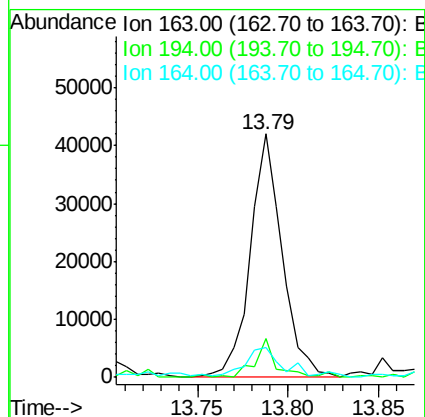
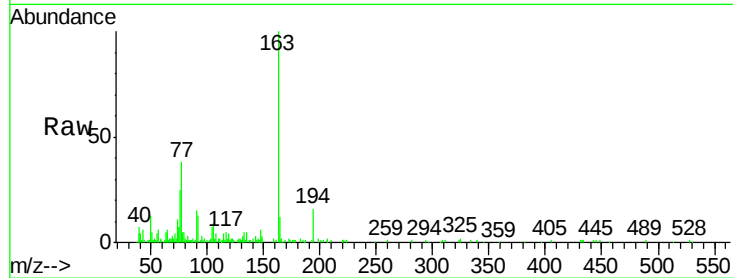
Tgt Ion:163 Resp: 51144

Ion Ratio Lower Upper

163 100

194 16.1 6.2 9.4#

164 12.2 8.0 12.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

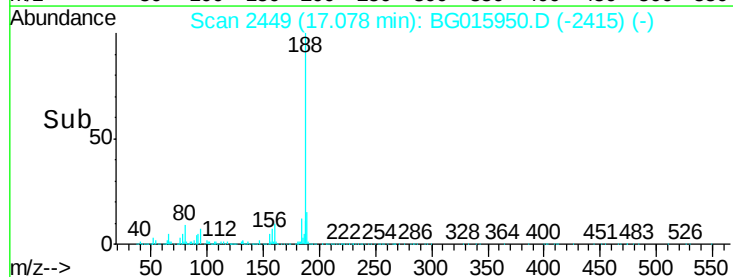
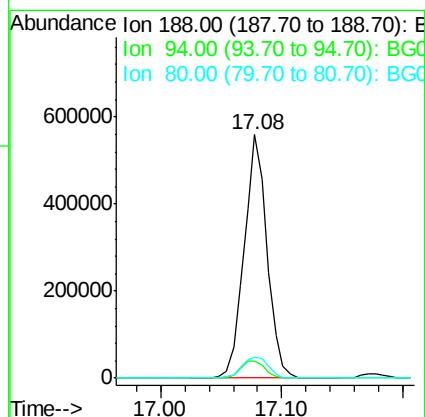
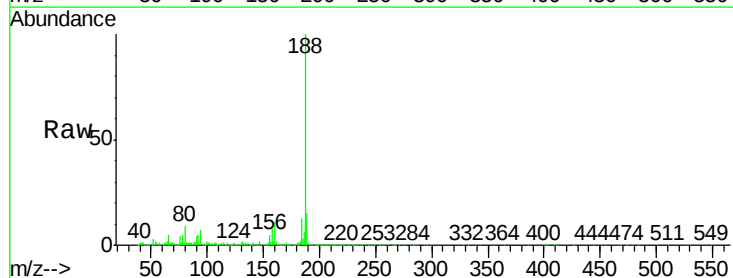
Tgt Ion:188 Resp: 736374

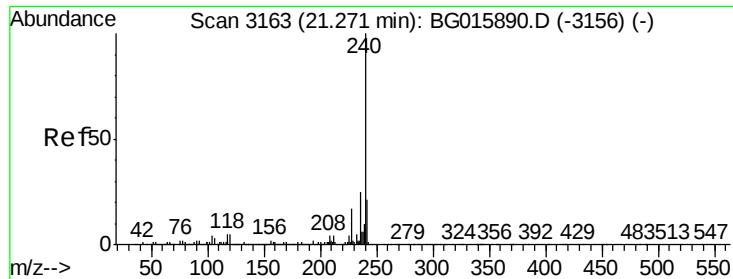
Ion Ratio Lower Upper

188 100

94 6.8 7.8 11.8#

80 8.8 10.6 16.0#

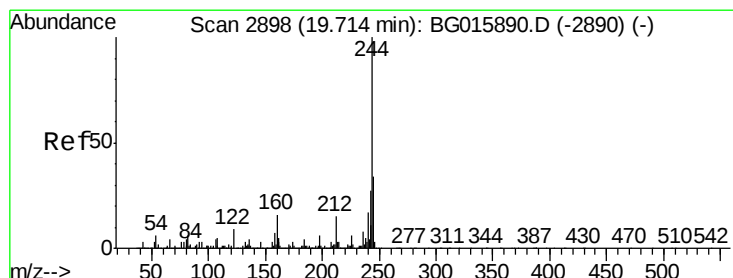
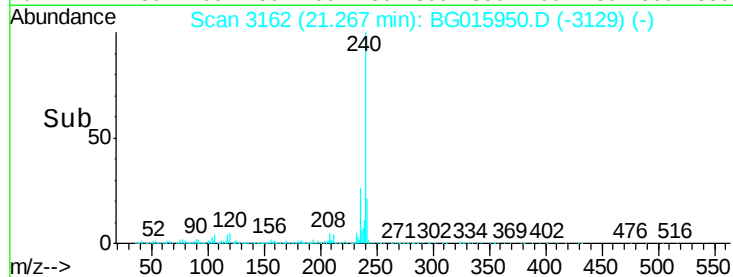
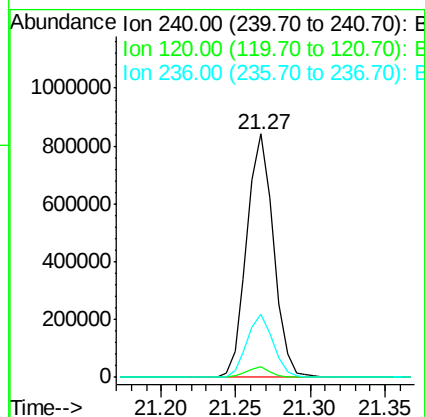
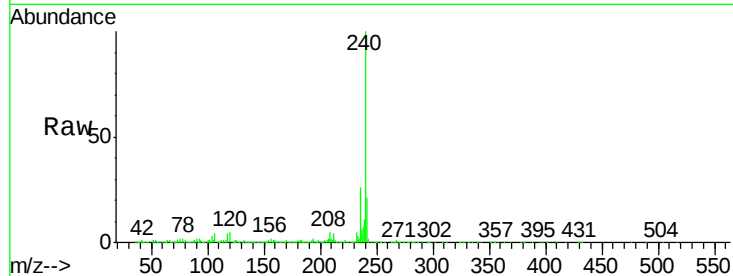




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

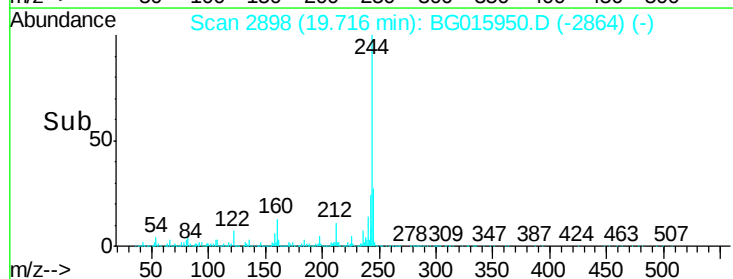
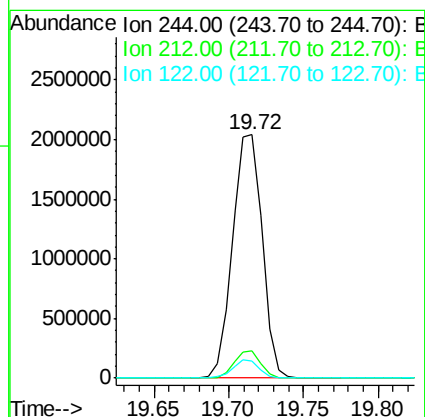
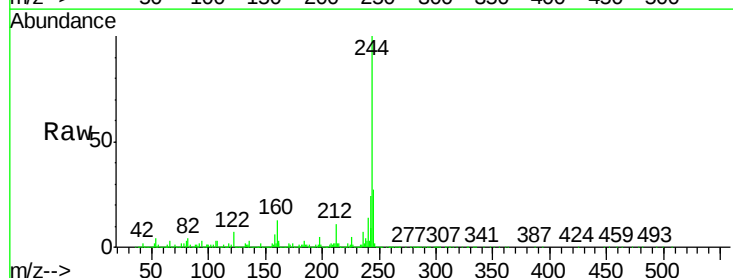
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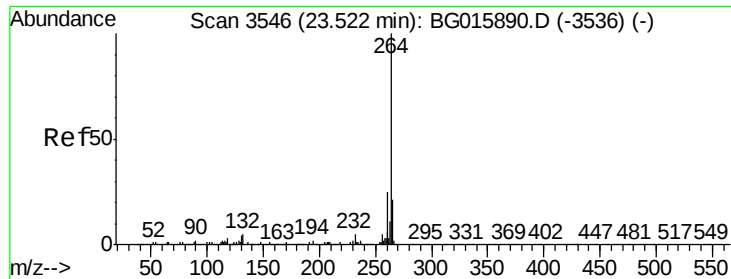
Tgt Ion:240 Resp: 1041412
Ion Ratio Lower Upper
240 100
120 4.5 3.9 5.9
236 25.7 20.0 30.0



#78
Terphenyl-d14
Concen: 74.35 ng
RT: 19.72 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:244 Resp: 2845042
Ion Ratio Lower Upper
244 100
212 11.1 11.6 17.4#
122 6.8 7.0 10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion: 264 Resp: 1012587

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.7	29.5
265	19.1	17.3	25.9

