

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022933.D
 Acq On : 8 Jul 2016 16:04
 Operator : UM/SJ
 Sample : H3876-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:37:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

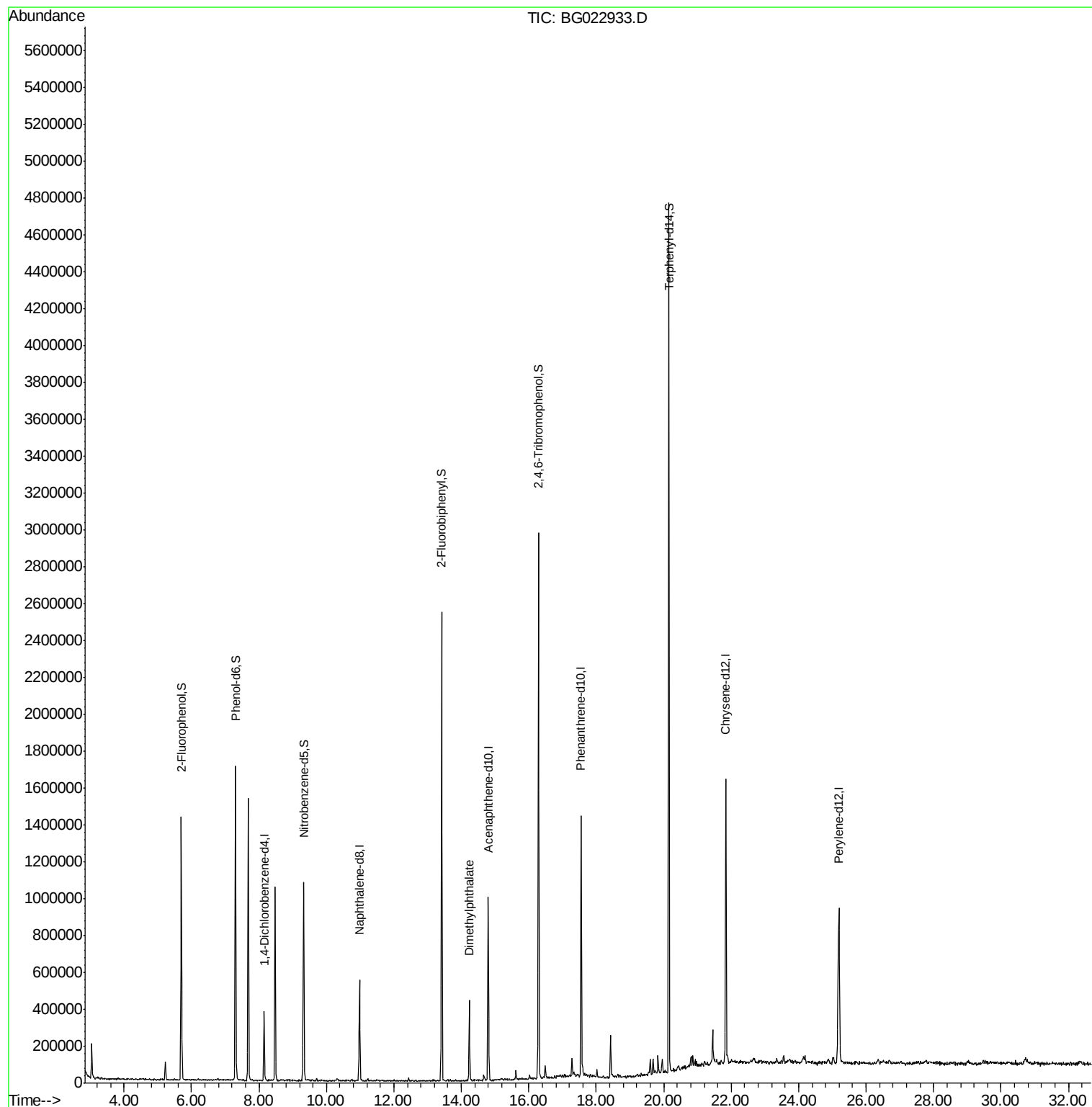
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	94488	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	439244	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	350802	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	870406	20.00	ng	0.00
75) Chrysene-d12	21.84	240	966147	20.00	ng	0.00
86) Perylene-d12	25.19	264	991460	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	584899	101.24	ng	0.00
7) Phenol-d6	7.30	99	946110	104.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	679336	66.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	550734	87.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1233659	55.39	ng	0.00
78) Terphenyl-d14	20.15	244	1880003	53.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	279733	9.76	ng	Qvalue 99

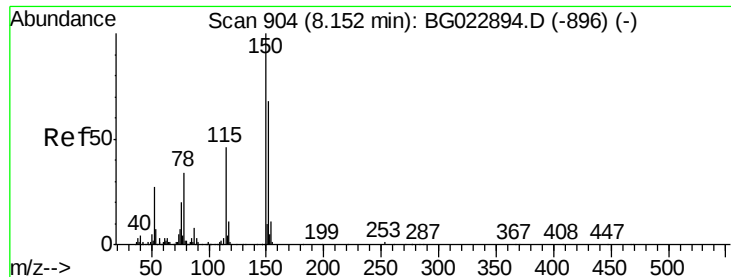
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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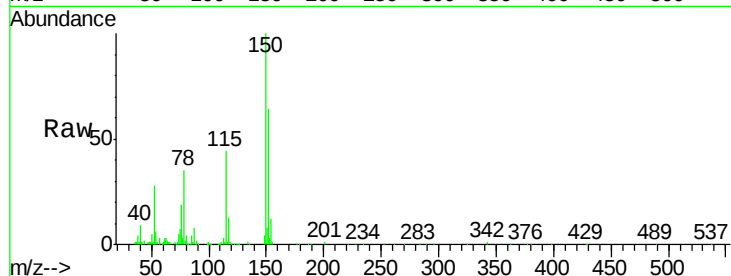


#1

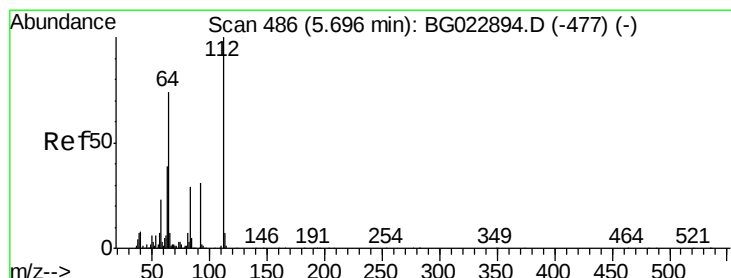
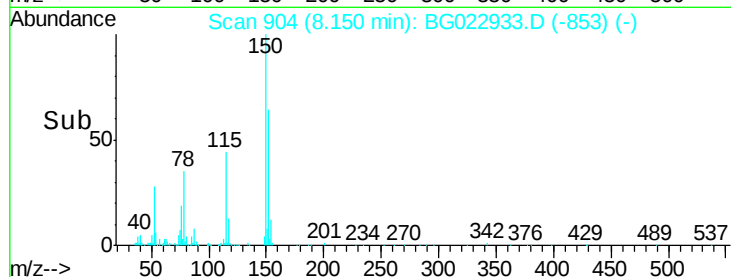
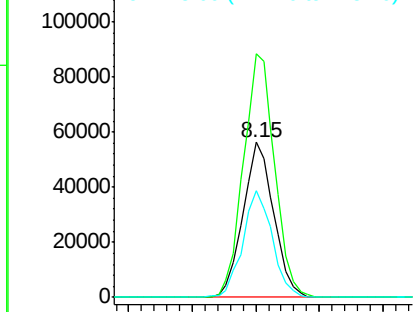
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022933.D
Acq: 8 Jul 2016 16:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 94488
Ion Ratio Lower Upper
152 100
150 157.1 144.7 217.1
115 68.7 64.0 96.0



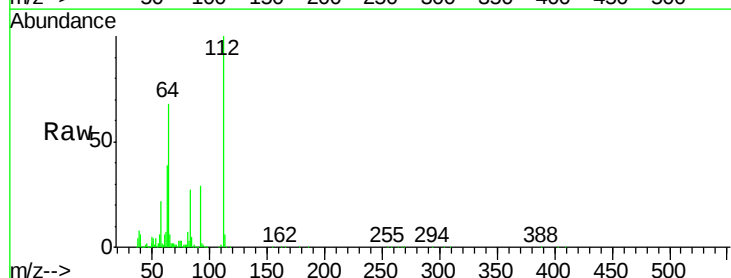
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



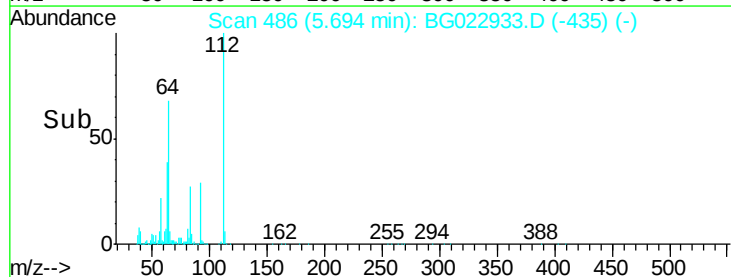
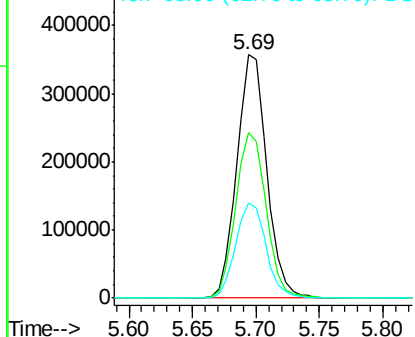
#5

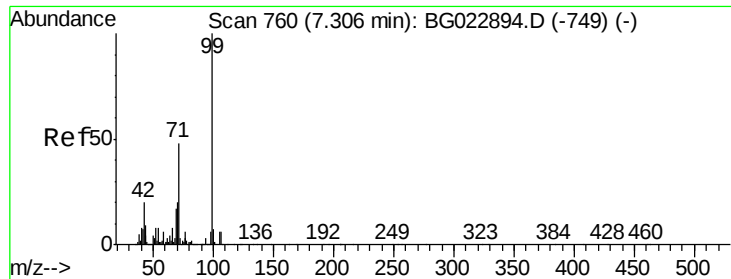
2-Fluorophenol
Concen: 101.24 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG022933.D
Acq: 8 Jul 2016 16:04

Tgt Ion:112 Resp: 584899
Ion Ratio Lower Upper
112 100
64 67.8 59.0 88.4
63 39.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.56 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022933.D

Acq: 8 Jul 2016 16:04

Instrument :

BNA_G

ClientSampleId :

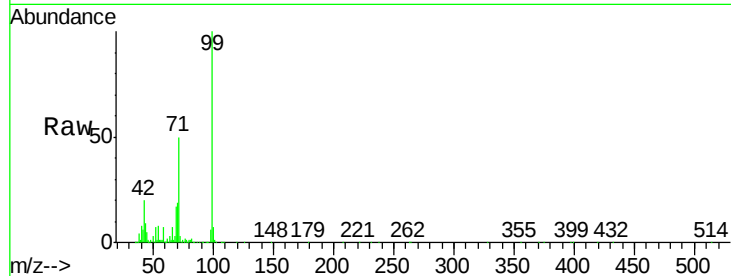
Tot Ion: 99 Resp: 946110

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	49.7	41.5	62.3

99 100

42 19.6 17.8 26.6

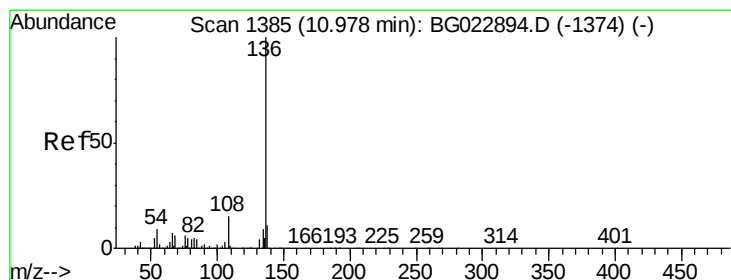
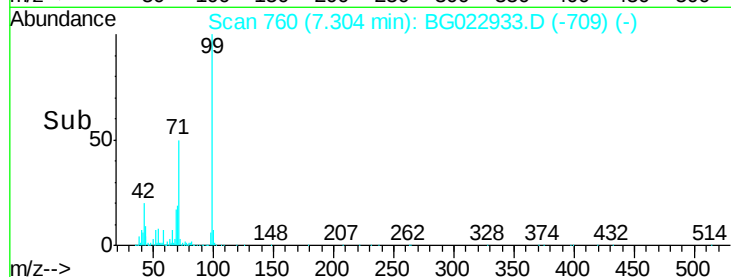
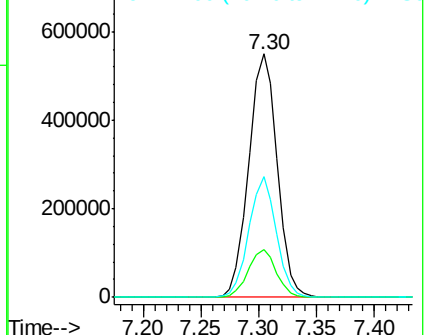
71 49.7 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022933.D

Acq: 8 Jul 2016 16:04

Tgt Ion: 136 Resp: 439244

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	8.6	7.3	10.9
68	6.3	5.3	7.9

136 100

137 12.1 9.6 14.4

54 8.6 7.3 10.9

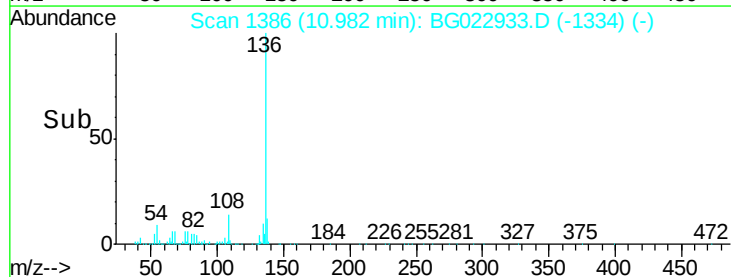
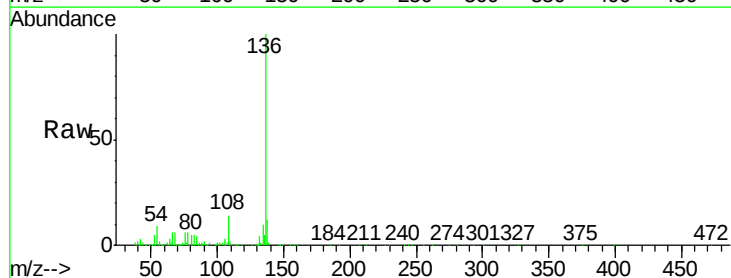
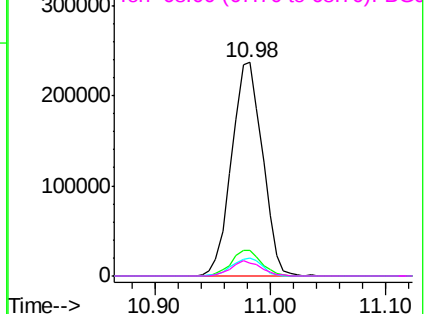
68 6.3 5.3 7.9

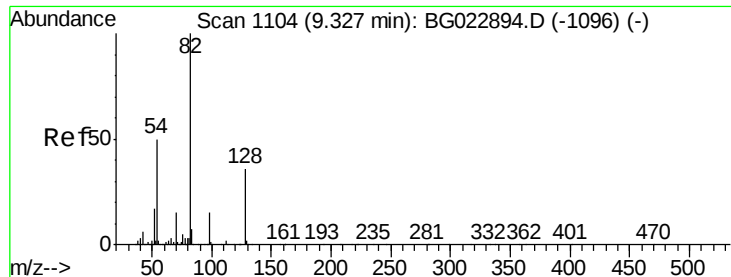
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

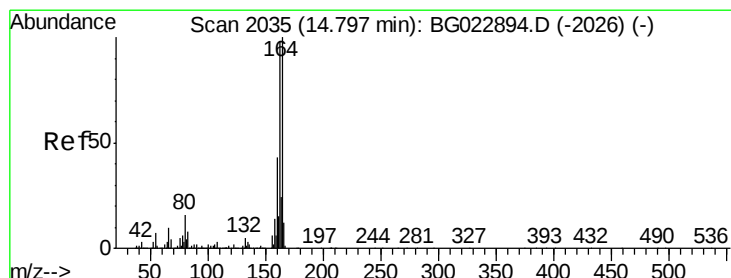
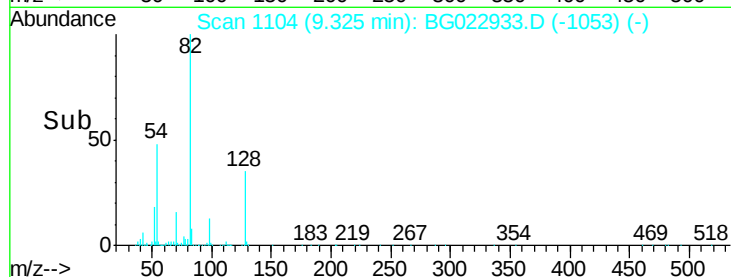
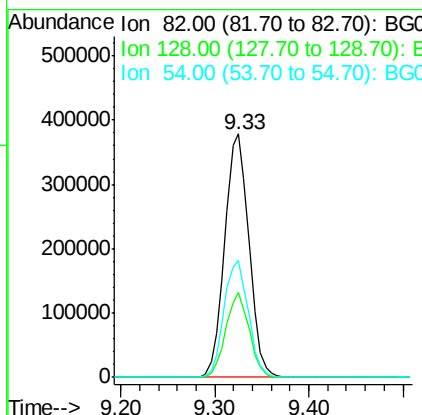
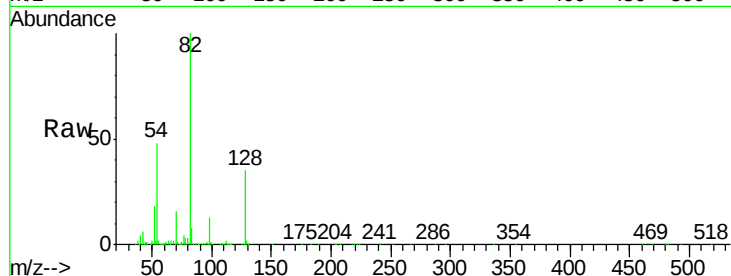




#23
 Nitrobenzene-d5
 Concen: 66.22 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

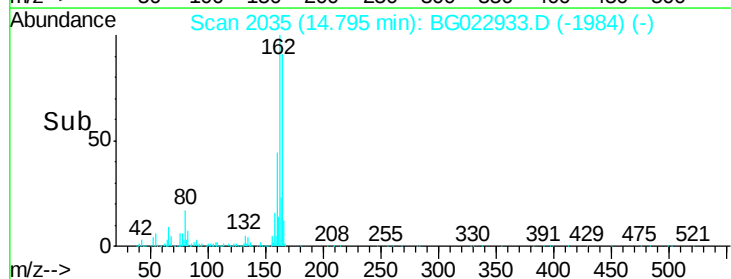
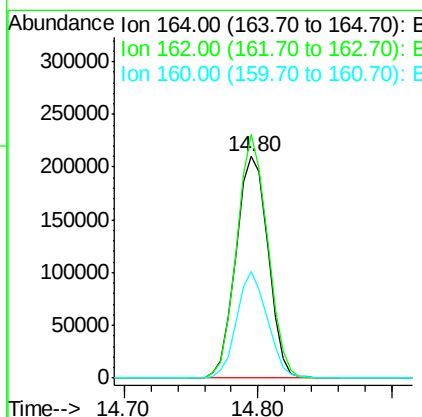
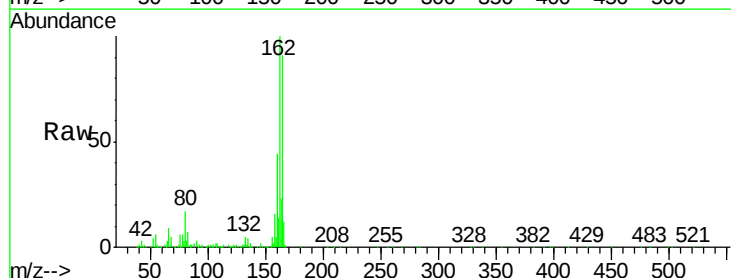
Instrument :
 BNA_G
 ClientSampleId :

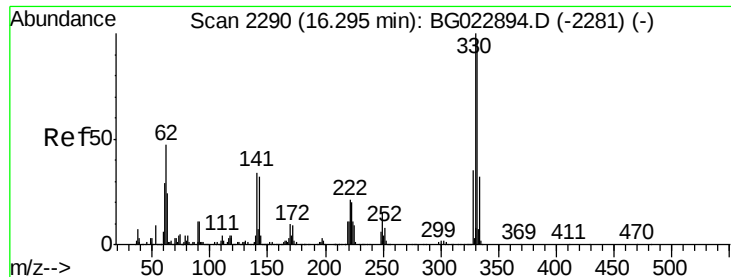
Tot Ion	82	Resp	679336
Ion Ratio	Lower	Upper	
82	100		
128	34.7	24.4	36.6
54	47.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

Tgt Ion	164	Resp	350802
Ion Ratio	Lower	Upper	
164	100		
162	110.0	87.7	131.5
160	48.2	37.2	55.8

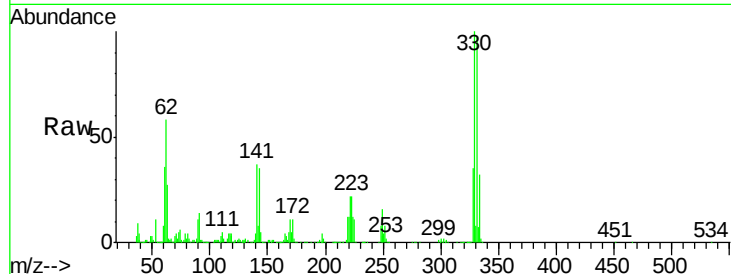




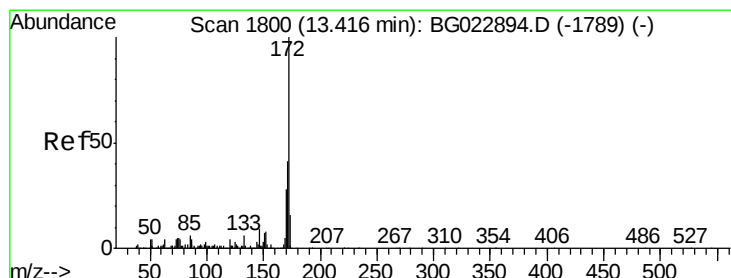
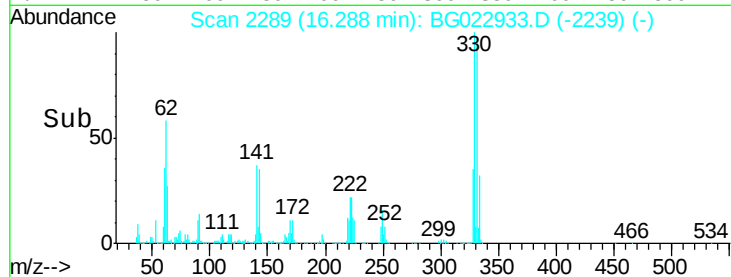
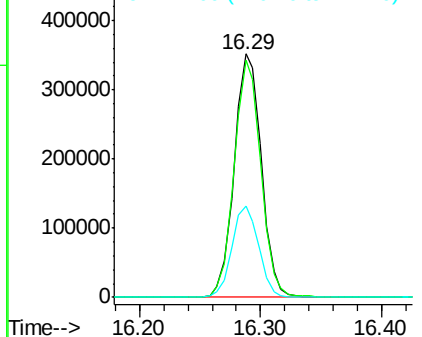
#41
 2,4,6-Tribromophenol
 Concen: 87.35 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 550734
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.1 31.7 47.5

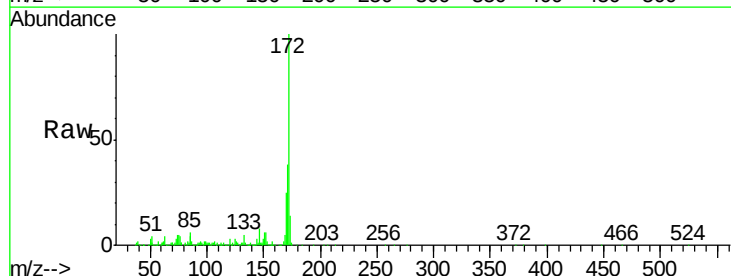


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

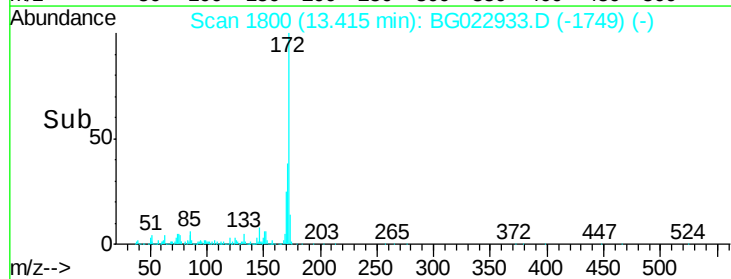
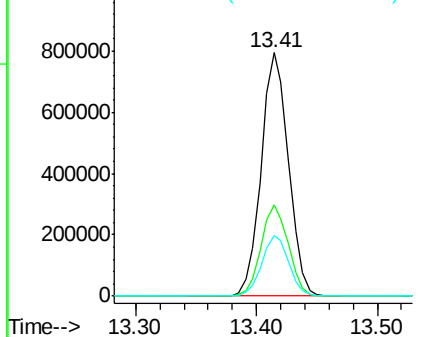


#44
 2-Fluorobiphenyl
 Concen: 55.39 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

Tgt Ion:172 Resp: 1233659
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.6 47.4
 170 24.8 21.3 31.9



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

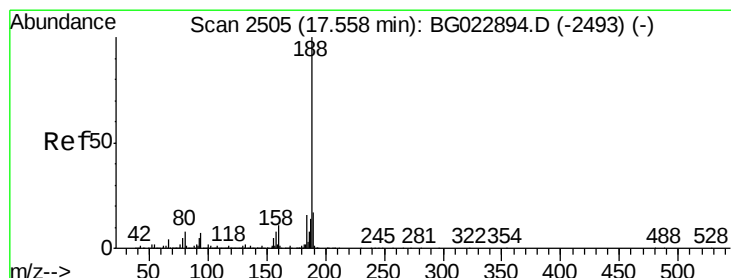
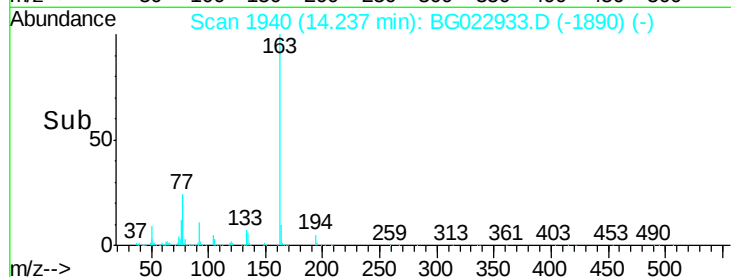
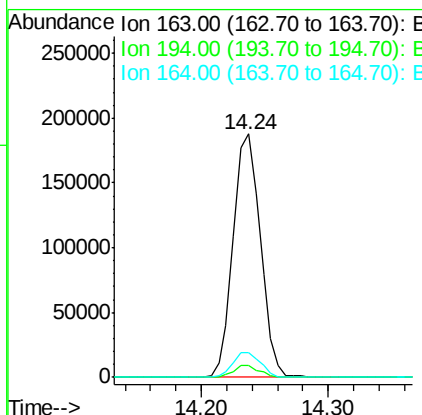
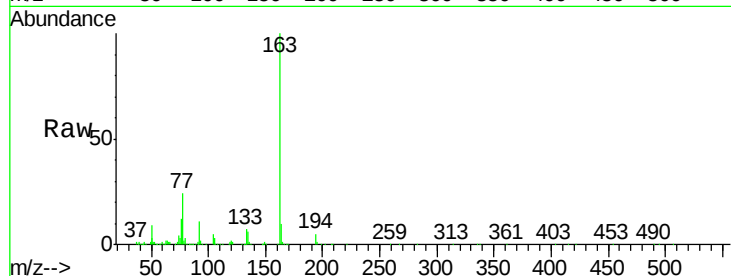




#49
Dimethylphthalate
Concen: 9.76 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022933.D
Acq: 8 Jul 2016 16:04

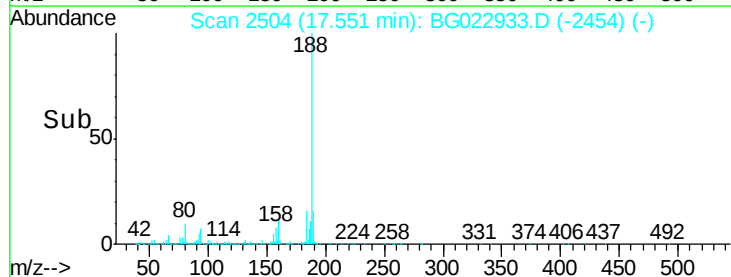
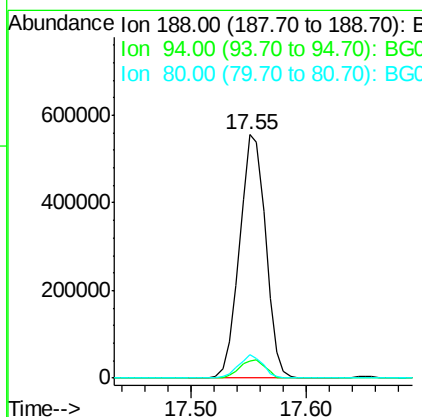
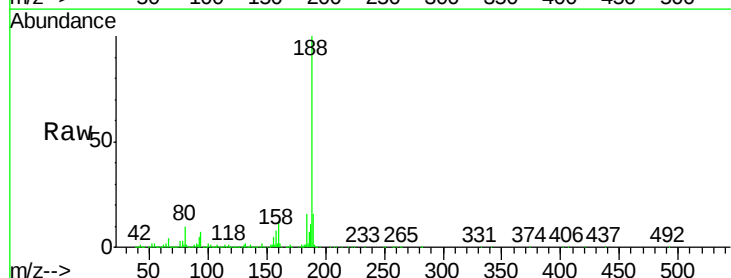
Instrument :
BNA_G
ClientSampleId :

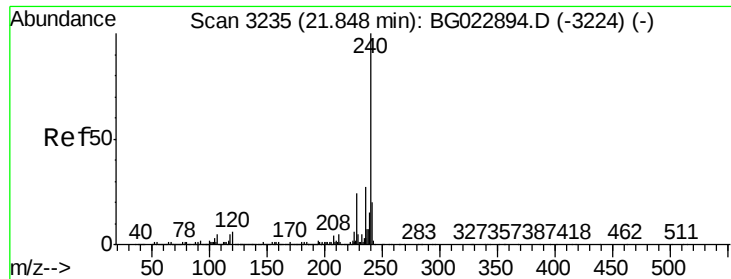
Tot Ion	163	Resp	279733
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.0	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022933.D
Acq: 8 Jul 2016 16:04

Tgt Ion	188	Resp	870406
Ion Ratio	Lower	Upper	
188	100		
94	6.9	5.2	7.8
80	9.8	7.2	10.8

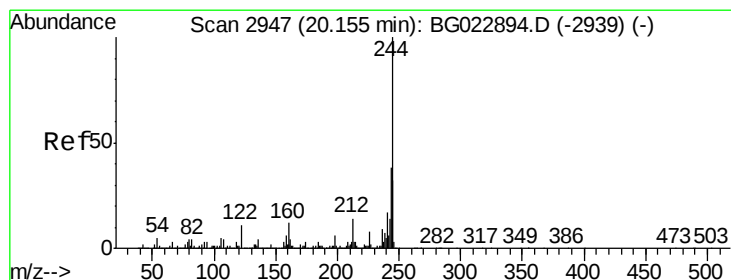
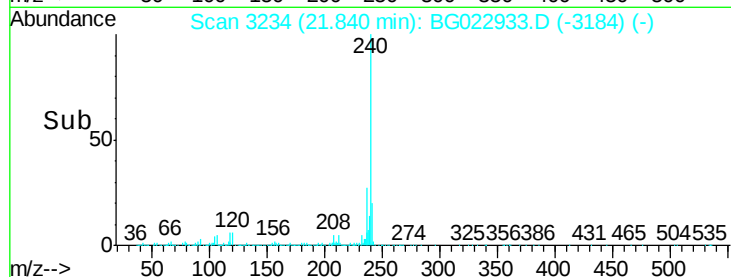
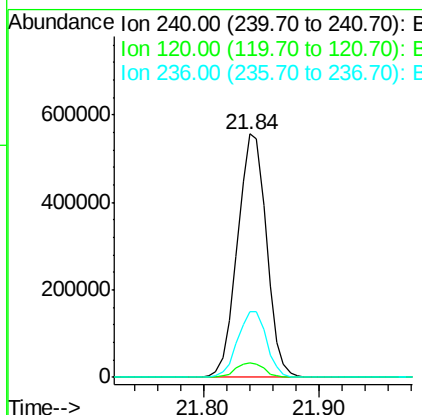
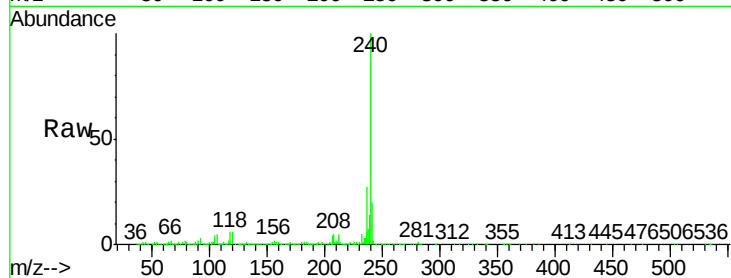




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

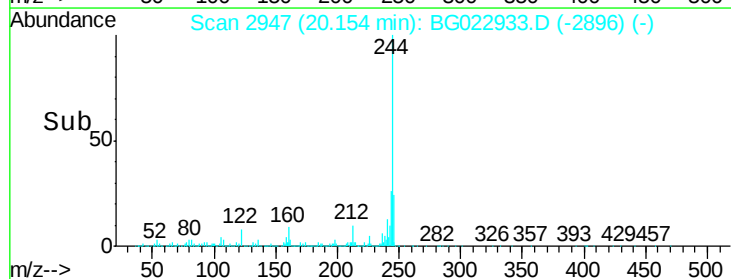
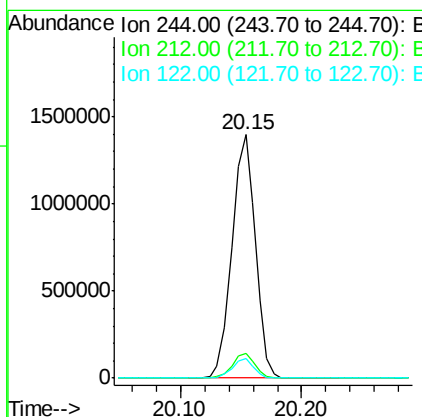
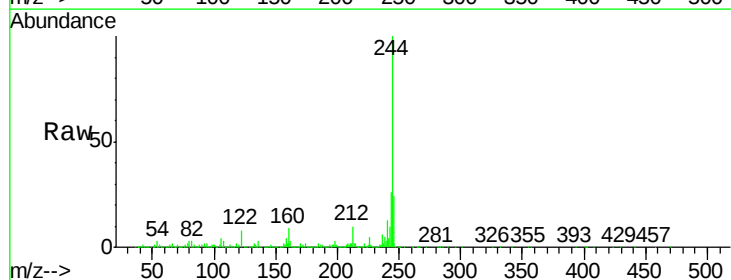
Instrument :
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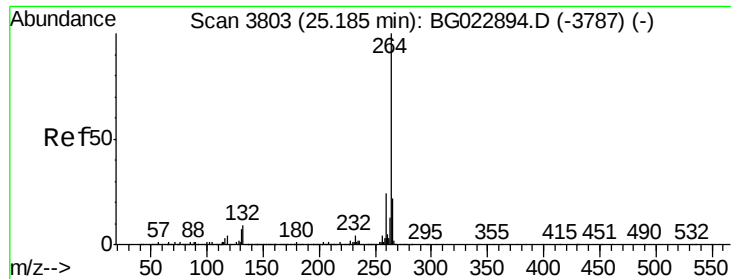
Tot Ion:240 Resp: 966147
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.1 6.1
 236 26.9 21.1 31.7



#78
 Terphenyl-d14
 Concen: 53.20 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

Tgt Ion:244 Resp: 1880003
 Ion Ratio Lower Upper
 244 100
 212 10.4 10.8 16.2#
 122 7.9 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.19 min Scan# 3805
 Delta R.T. 0.01 min
 Lab File: BG022933.D
 Acq: 8 Jul 2016 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	20.0	18.9	28.3

