

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022926.D
 Acq On : 8 Jul 2016 11:24
 Operator : UM/SJ
 Sample : H3876-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:35:43 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

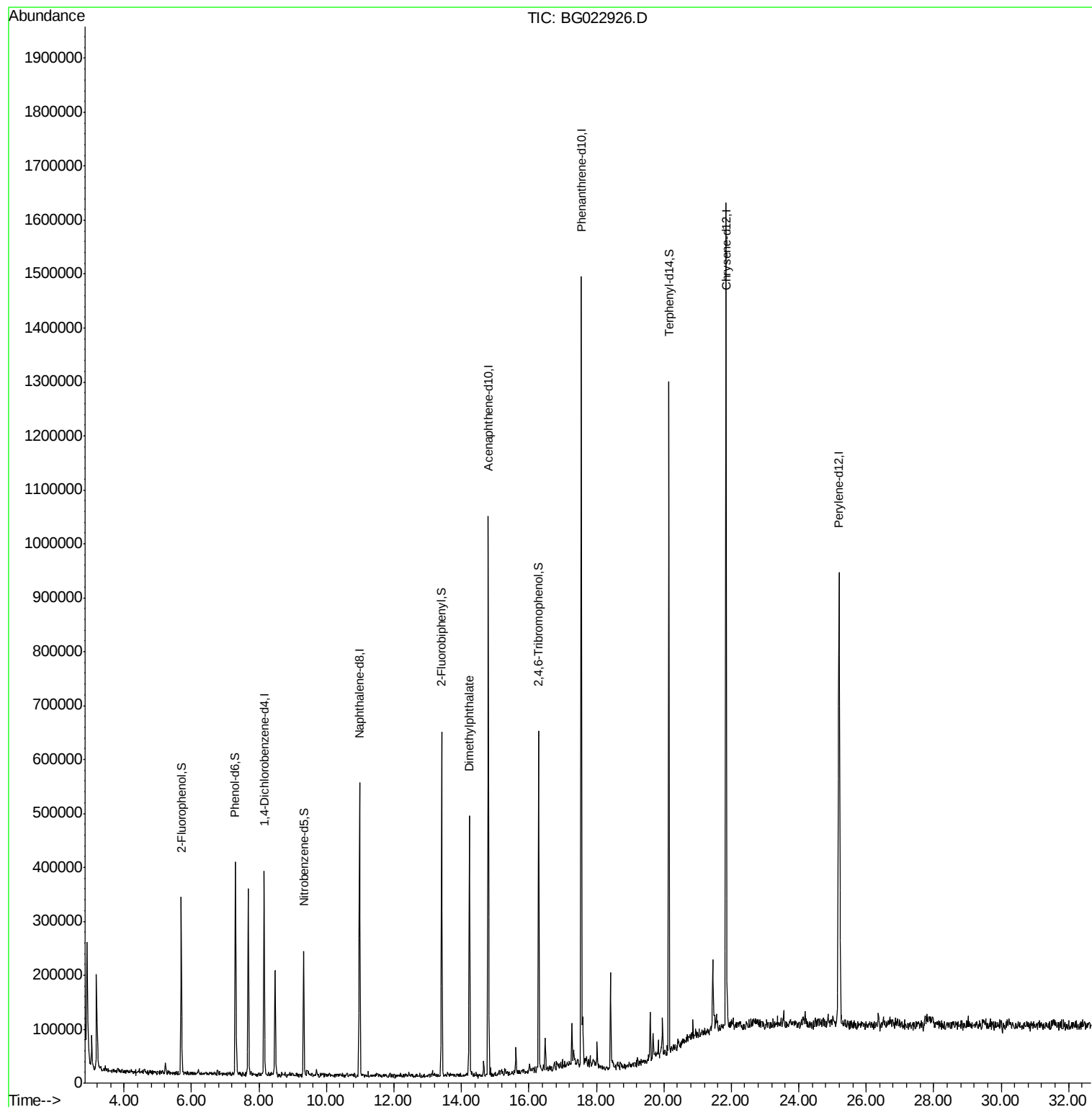
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98833	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	447070	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348855	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	879243	20.00	ng	0.00
75) Chrysene-d12	21.84	240	984558	20.00	ng	0.00
86) Perylene-d12	25.20	264	994303	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	132538	21.93	ng	0.00
7) Phenol-d6	7.30	99	228148	24.11	ng	0.00
23) Nitrobenzene-d5	9.33	82	152867	14.64	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	124726	19.89	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	325723	14.71	ng	0.00
78) Terphenyl-d14	20.15	244	543961	8.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	306483	10.76	ng	Qvalue 99

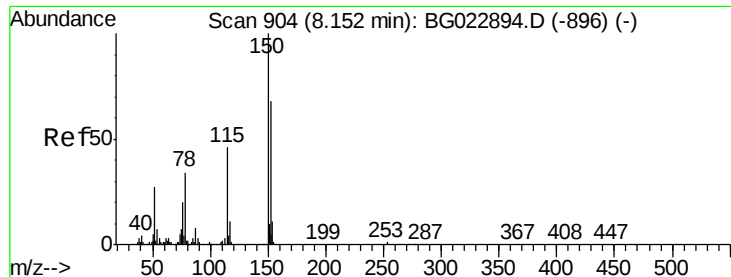
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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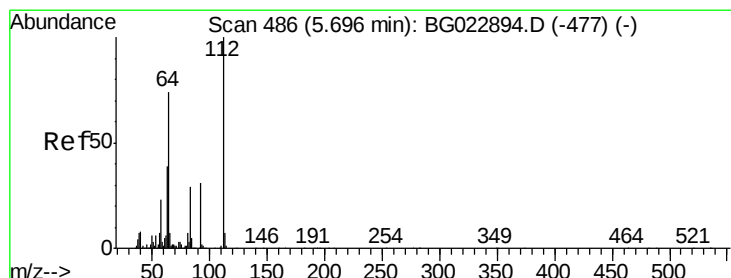
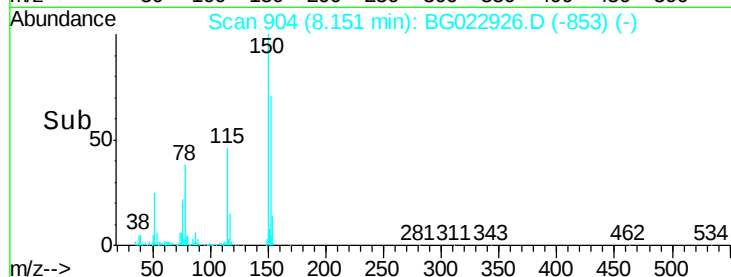
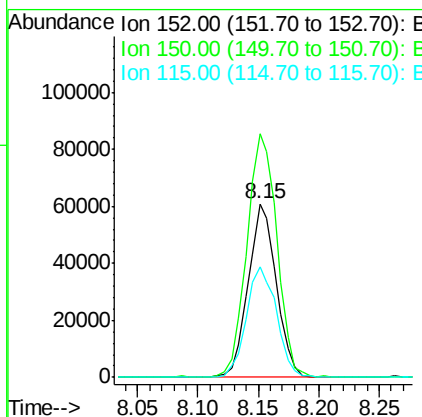
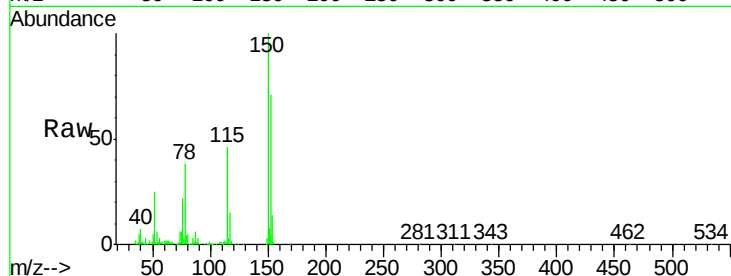


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

Instrument :
BNA_G
ClientSampleId :

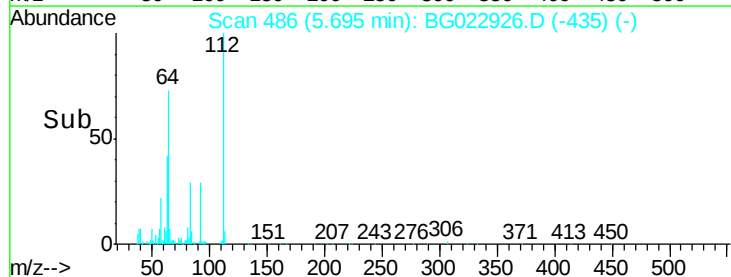
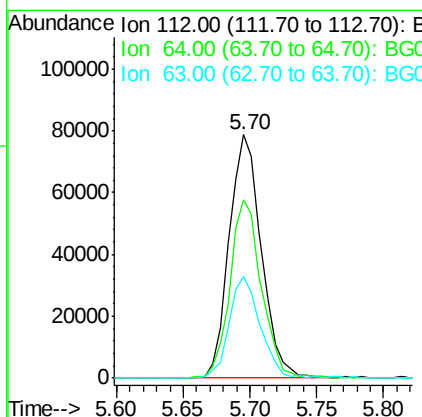
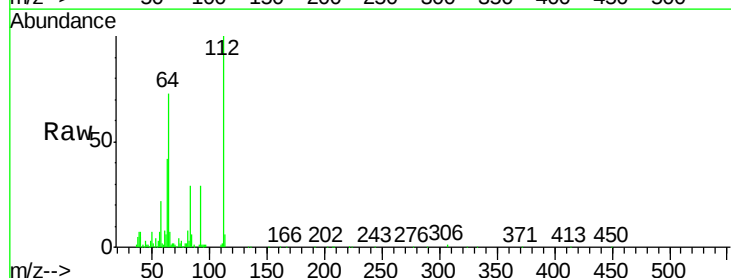
Tot Ion:152 Resp: 98833
Ion Ratio Lower Upper
152 100
150 140.3 144.7 217.1#
115 64.0 64.0 96.0#

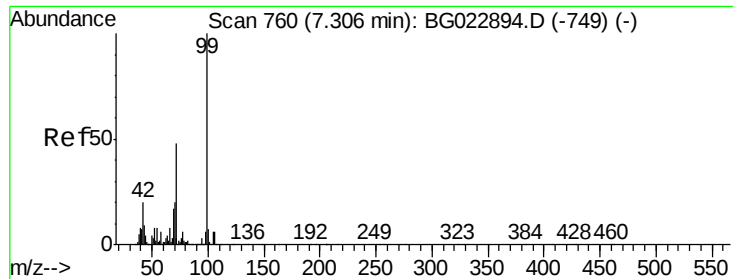


#5

2-Fluorophenol
Concen: 21.93 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

Tgt Ion:112 Resp: 132538
Ion Ratio Lower Upper
112 100
64 73.0 59.0 88.4
63 41.9 37.8 56.8





#7

Phenol-d6

Concen: 24.11 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG022926.D

Acq: 8 Jul 2016 11:24

Instrument :

BNA_G

ClientSampleId :

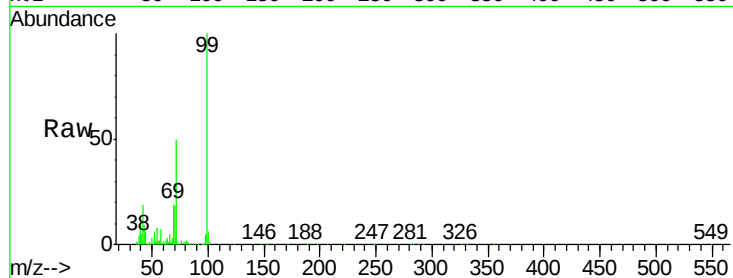
Tot Ion: 99 Resp: 228148

Ion Ratio Lower Upper

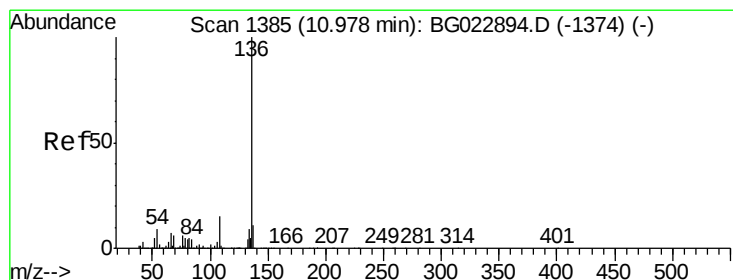
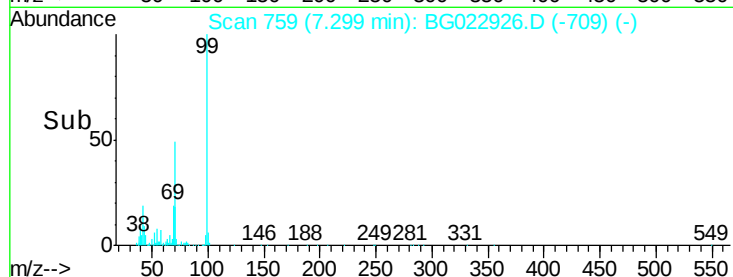
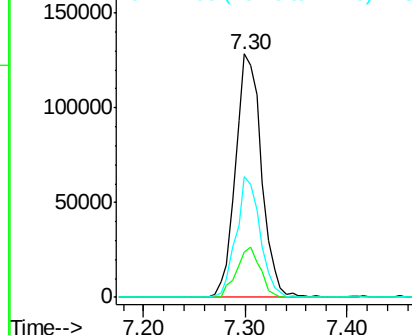
99 100

42 18.6 17.8 26.6

71 49.6 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# 1385

Delta R.T. -0.00 min

Lab File: BG022926.D

Acq: 8 Jul 2016 11:24

Tgt Ion: 136 Resp: 447070

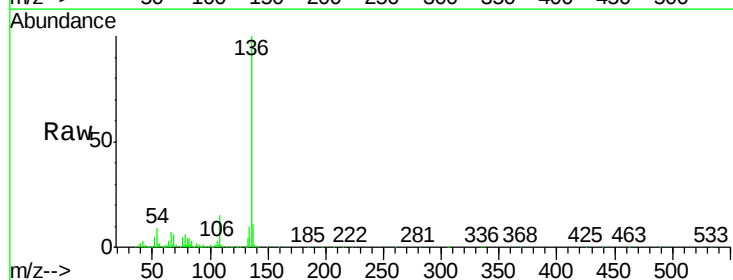
Ion Ratio Lower Upper

136 100

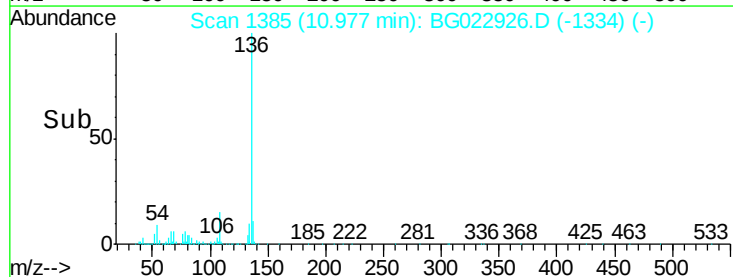
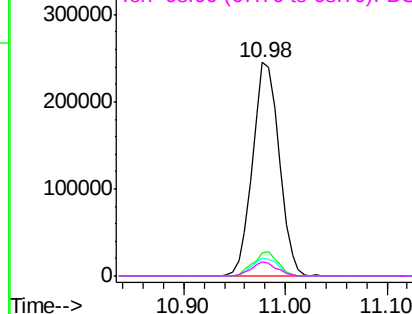
137 10.6 9.6 14.4

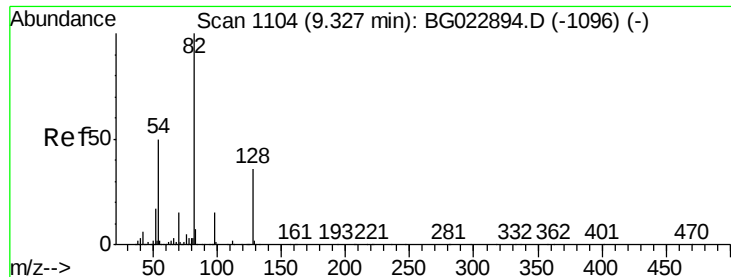
54 8.6 7.3 10.9

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

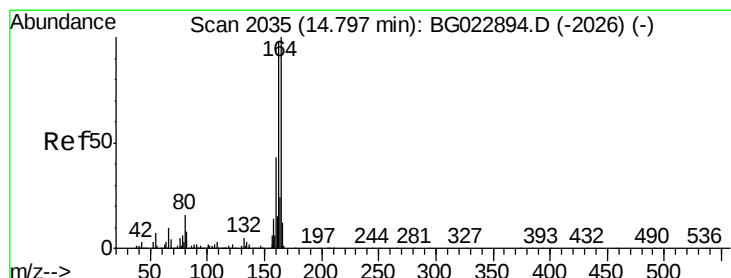
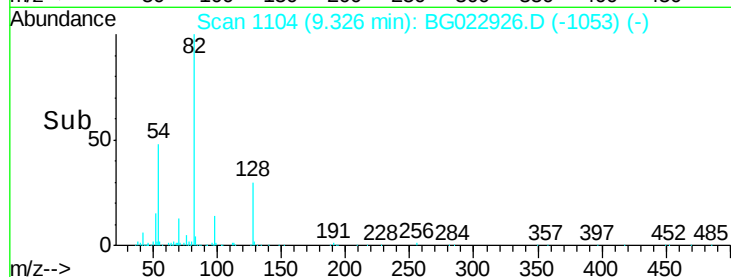
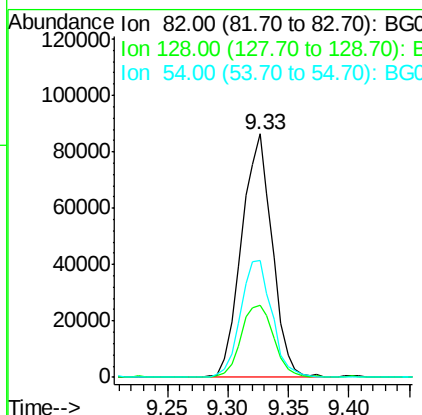
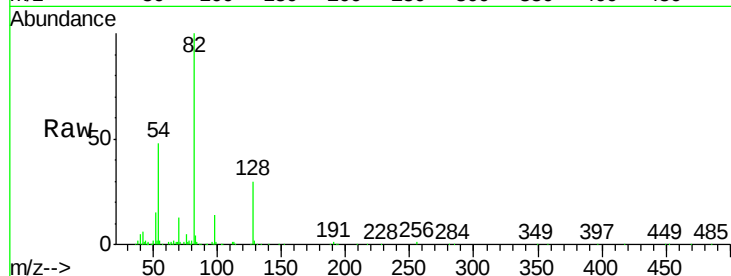




#23
Nitrobenzene-d5
Concen: 14.64 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

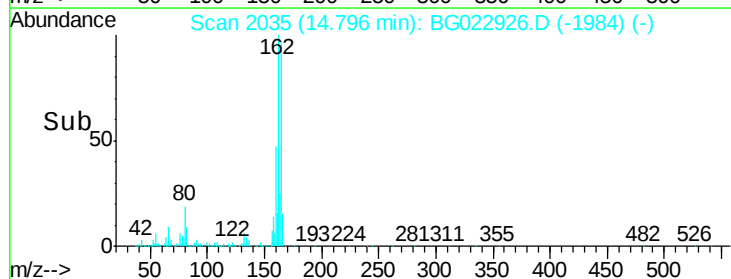
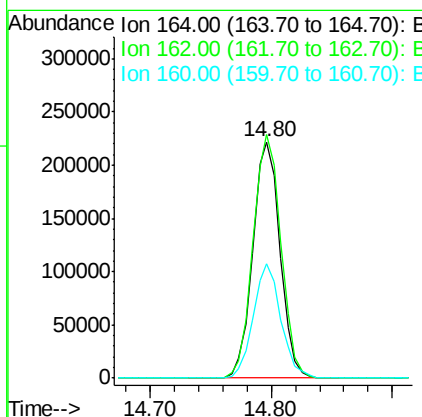
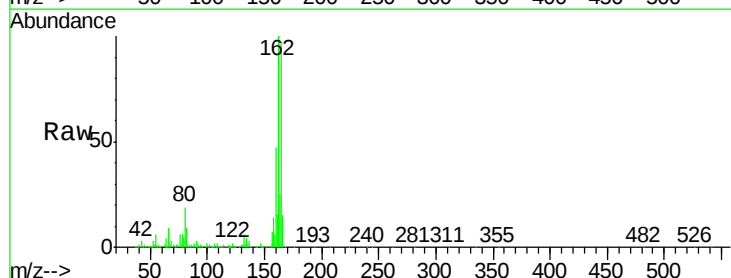
Instrument :
BNA_G
ClientSampleId :

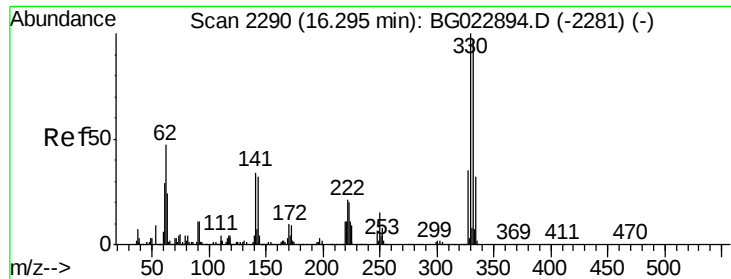
Tot Ion	Ratio	Lower	Upper
82	100		
128	29.7	24.4	36.6
54	47.9	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	87.7	131.5
160	48.2	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 19.89 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022926.D

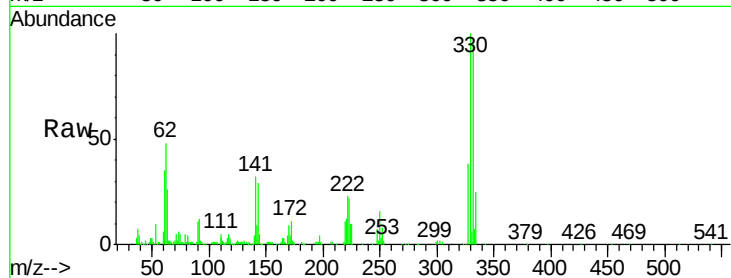
Acq: 8 Jul 2016 11:24

Instrument :

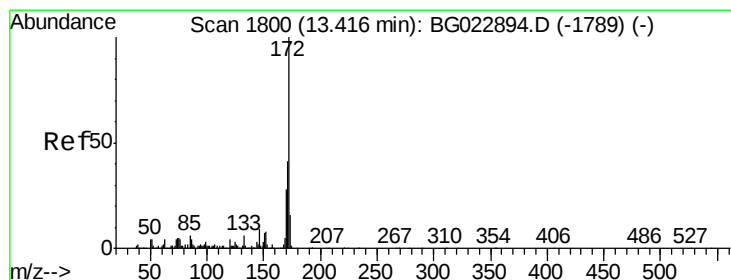
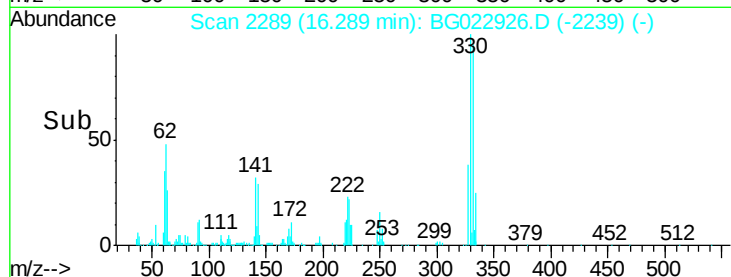
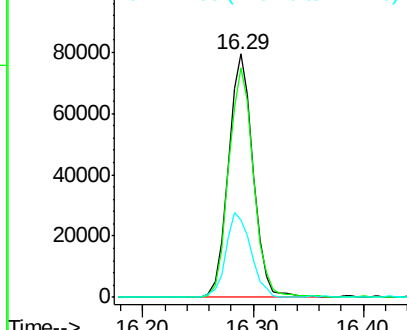
BNA_G

ClientSampleId :

Tot Ion:	330	Resp:	124726
Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	35.1	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: 14.71 ng

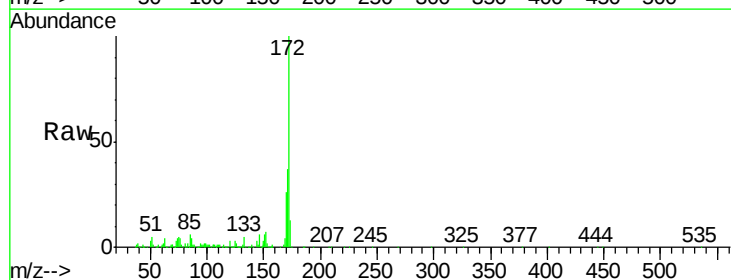
RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

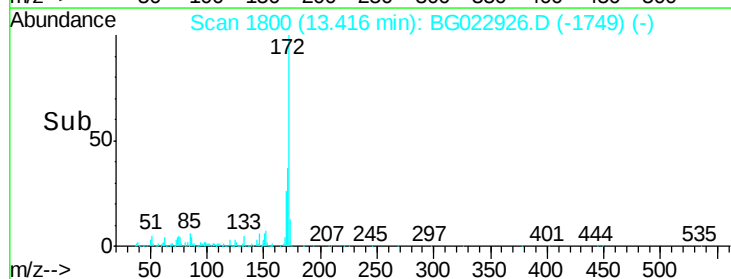
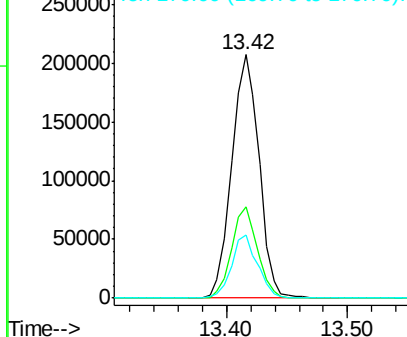
Lab File: BG022926.D

Acq: 8 Jul 2016 11:24

Tgt Ion:	172	Resp:	325723
Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.6	47.4
170	26.0	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

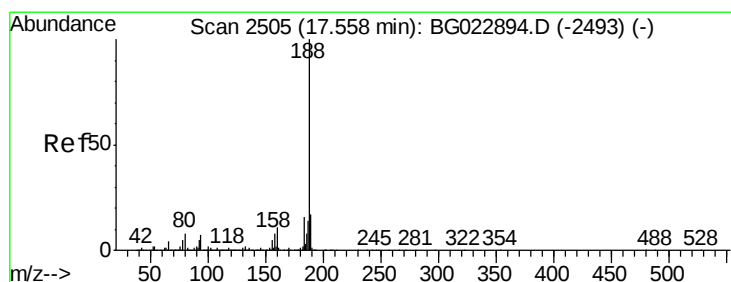
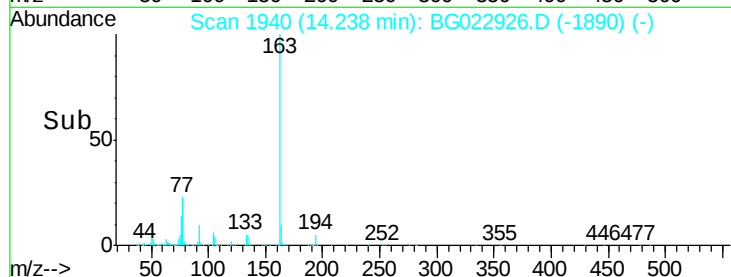
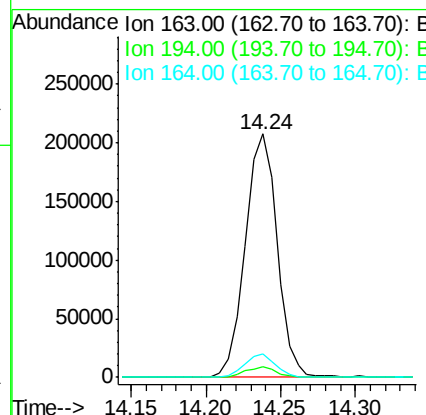
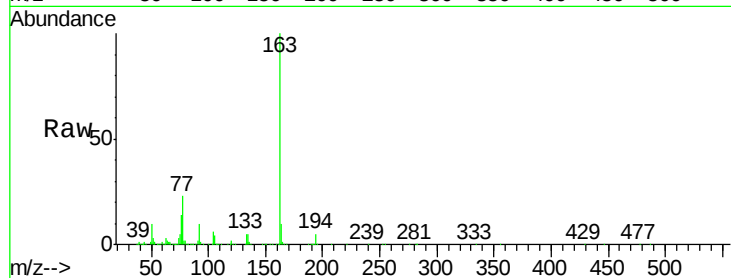




#49
Dimethylphthalate
Concen: 10.76 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

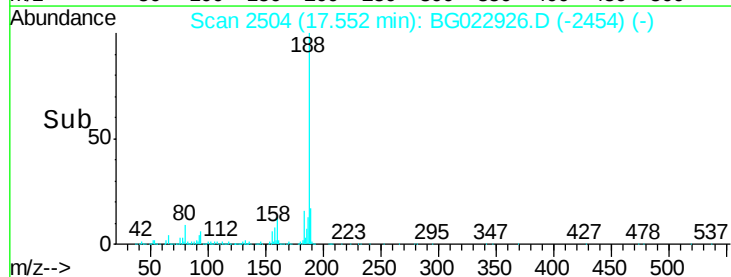
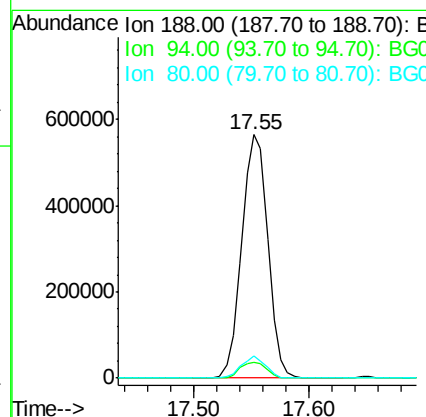
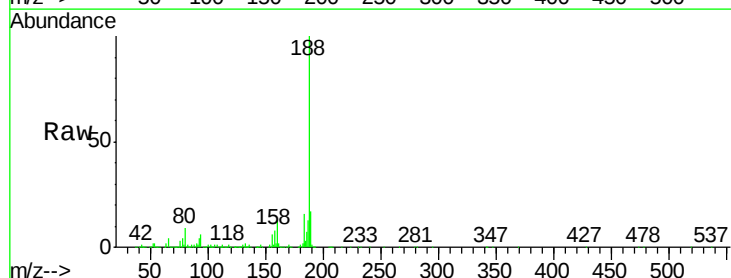
Instrument :
BNA_G
ClientSampled :

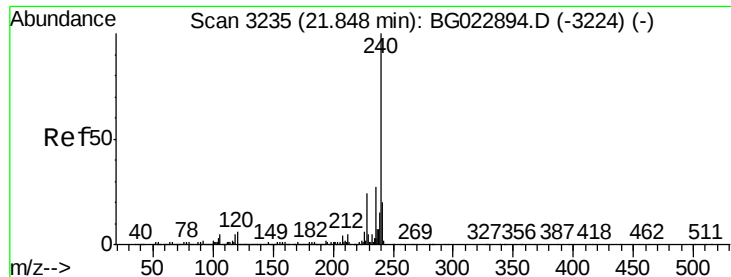
Tot Ion	163	Resp	306483
Ion Ratio	100	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.8	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022926.D
Acq: 8 Jul 2016 11:24

Tgt Ion	188	Resp	879243
Ion Ratio	100	Lower	Upper
188	100		
94	6.3	5.2	7.8
80	9.2	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022926.D

Acq: 8 Jul 2016 11:24

Instrument :

BNA_G

ClientSampleId :

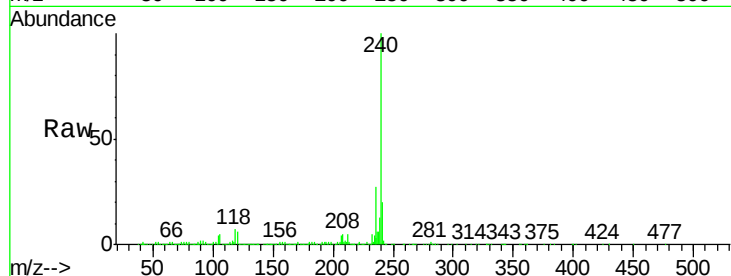
Tot Ion:240 Resp: 984558

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

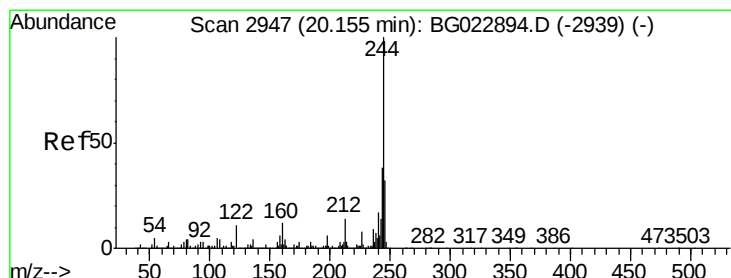
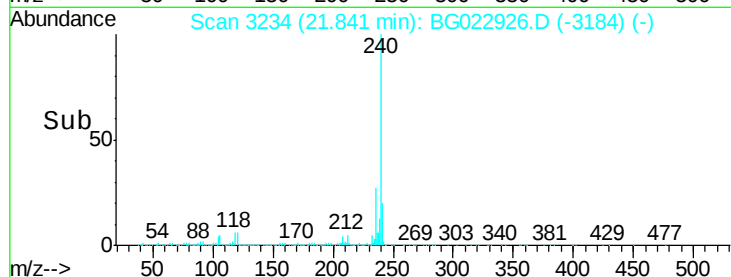
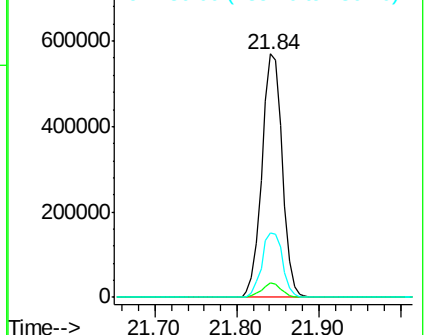
236 26.7 21.1 31.7



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: 8.99 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022926.D

Acq: 8 Jul 2016 11:24

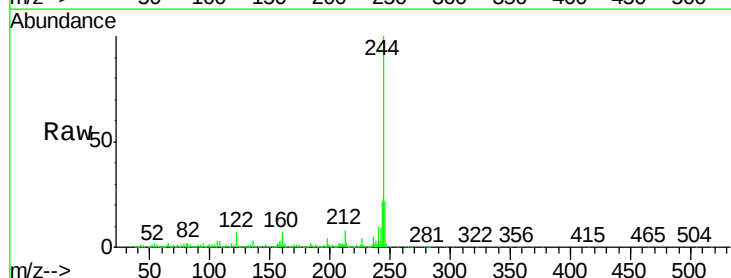
Tgt Ion:244 Resp: 543961

Ion Ratio Lower Upper

244 100

212 8.3 10.8 16.2#

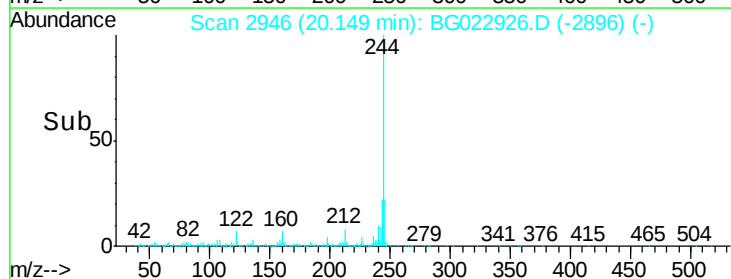
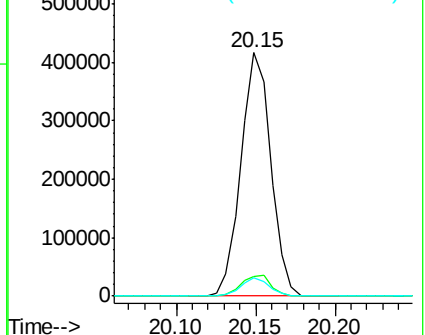
122 7.4 8.0 12.0#

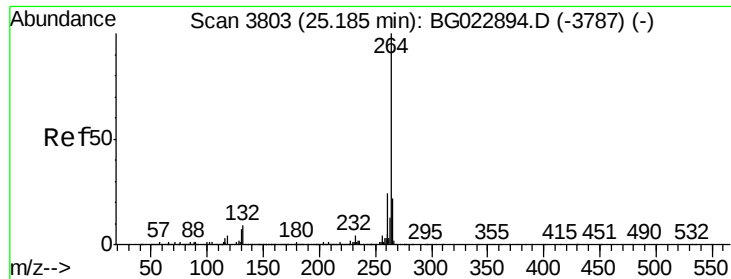


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3805
 Delta R.T. 0.01 min
 Lab File: BG022926.D
 Acq: 8 Jul 2016 11:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.5	18.9	28.3

