

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022923.D
 Acq On : 8 Jul 2016 9:25
 Operator : UM/SJ
 Sample : H3900-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3

Quant Time: Jul 08 17:35:06 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

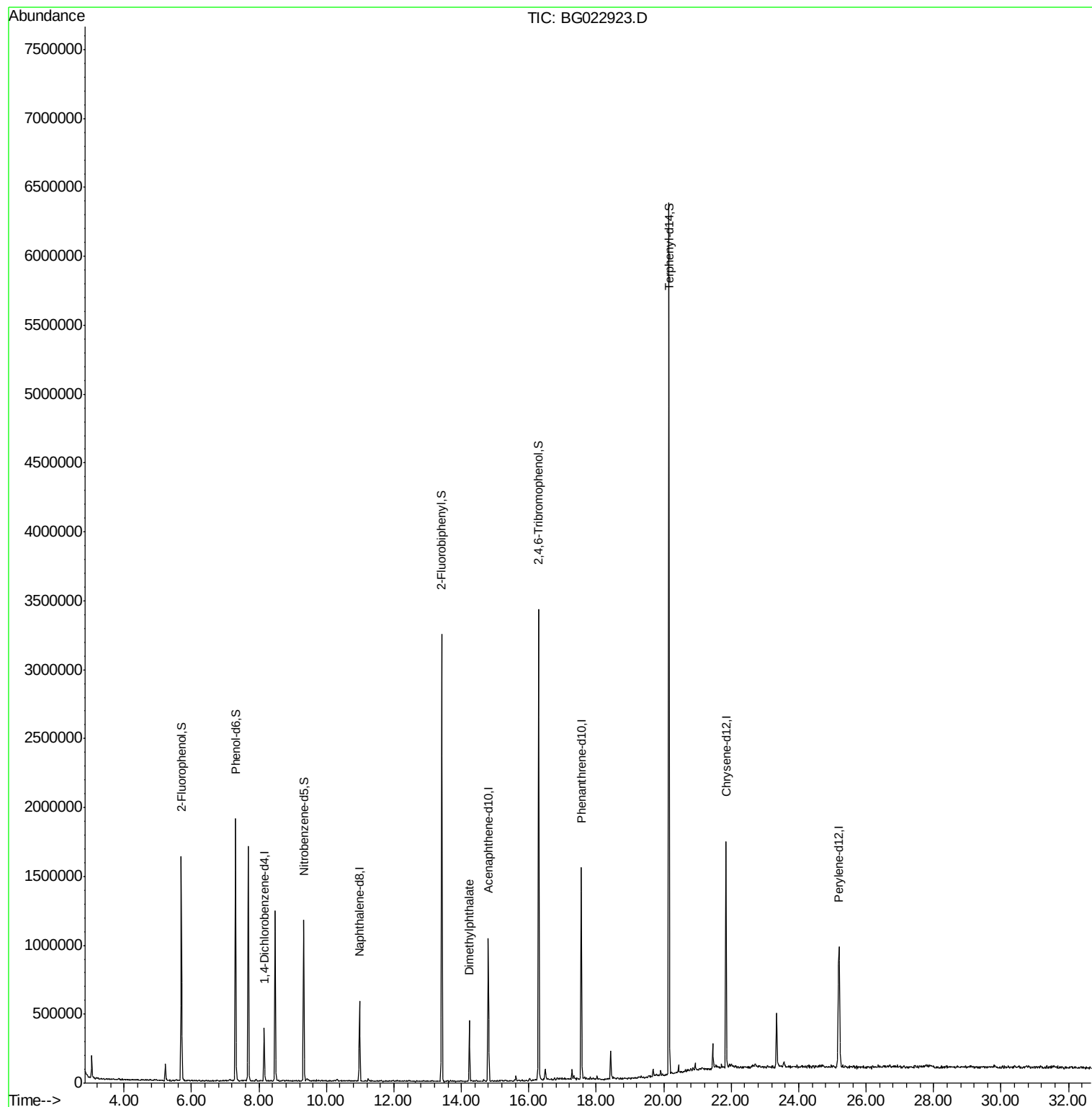
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100250	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450925	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	361245	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	922668	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1035595	20.00	ng	0.00
86) Perylene-d12	25.19	264	1054539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	673063	109.81	ng	0.00
7) Phenol-d6	7.30	99	1083147	112.82	ng	0.00
23) Nitrobenzene-d5	9.32	82	745428	70.78	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	661343	101.86	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1625058	70.86	ng	0.00
78) Terphenyl-d14	20.15	244	2557736	74.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	280728	9.51	ng	Qvalue 99

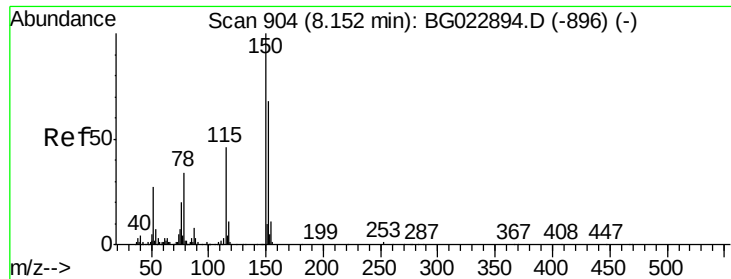
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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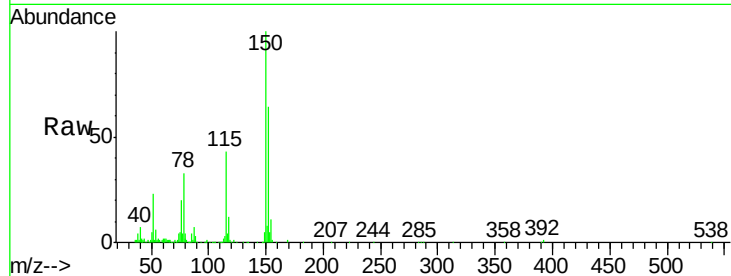


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022923.D
Acq: 8 Jul 2016 9:25

Instrument :
BNA_G
ClientSampleId :
B-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	144.7	217.1
115	66.8	64.0	96.0

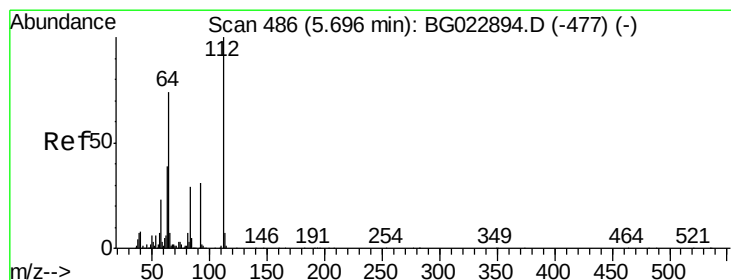
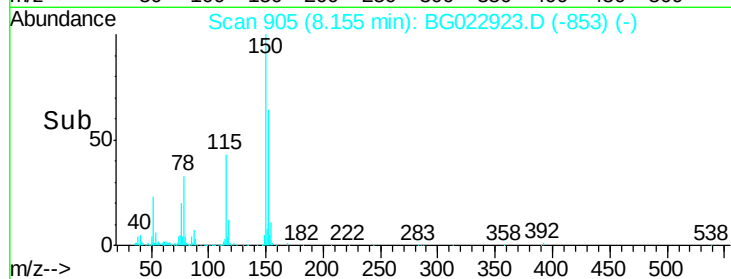
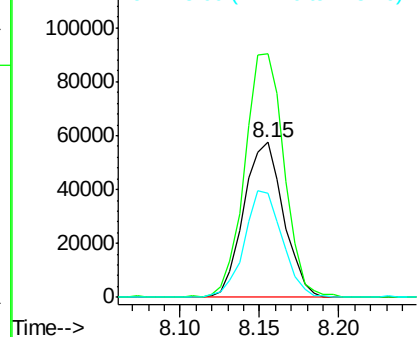


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

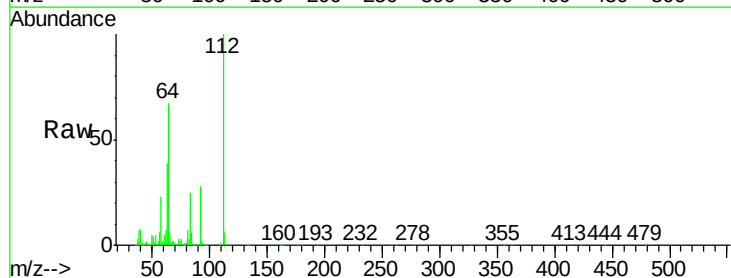
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.81 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022923.D
Acq: 8 Jul 2016 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	59.0	88.4
63	39.3	37.8	56.8

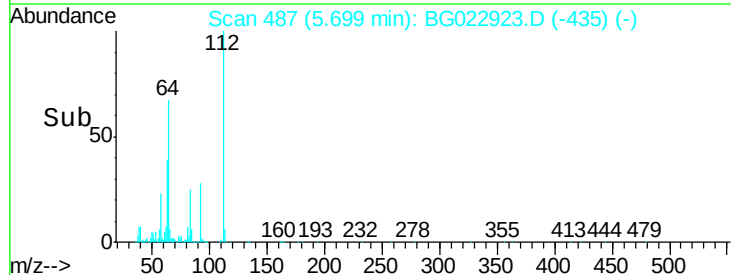
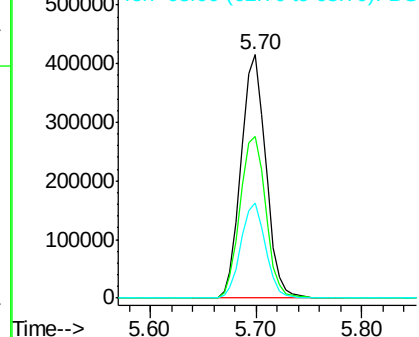


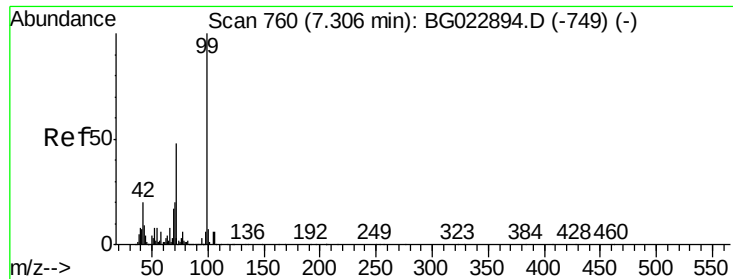
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.82 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

Instrument :

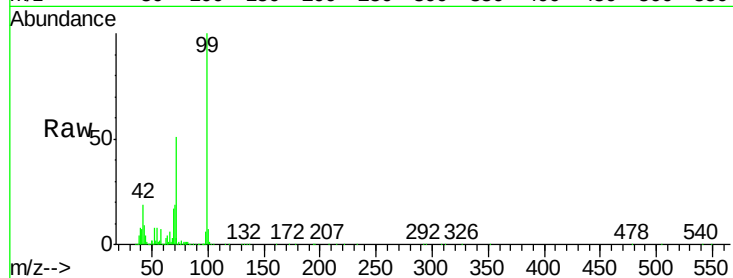
BNA_G

ClientSampleId :

B-3

Tot Ion: 99 Resp: 1083147

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	50.6	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

800000

600000

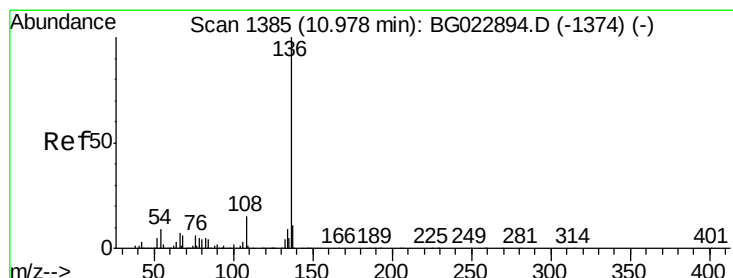
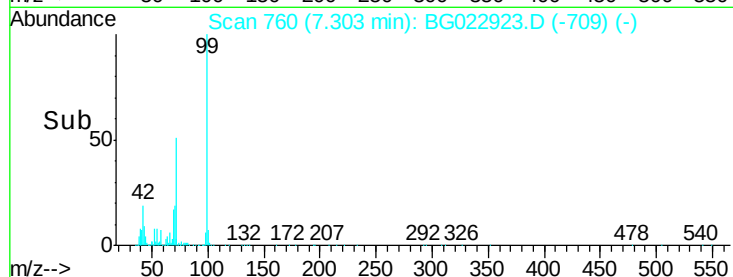
400000

200000

0

7.20 7.30 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

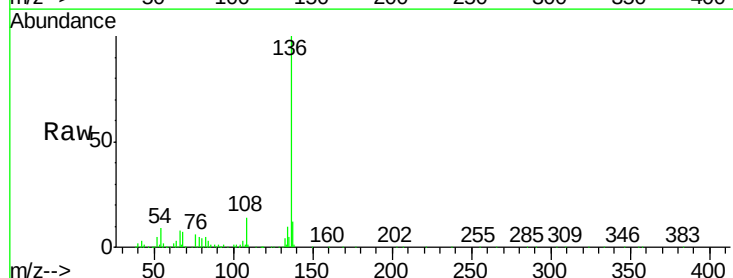
Delta R.T. 0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

Tgt Ion: 136 Resp: 450925

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.5	7.3	10.9
68	7.0	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

400000

300000

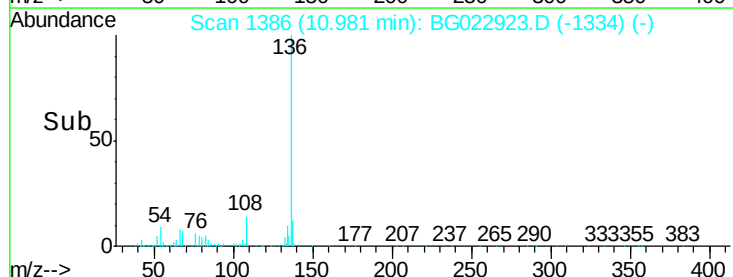
200000

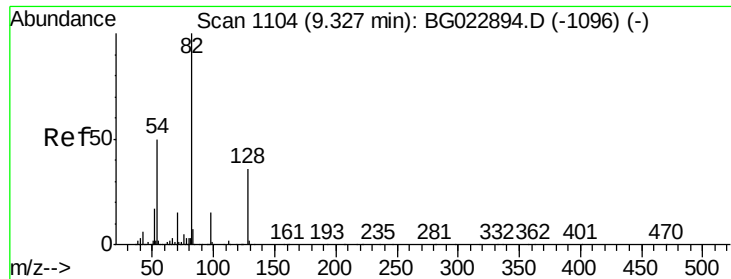
100000

0

10.90 11.00

Time-->

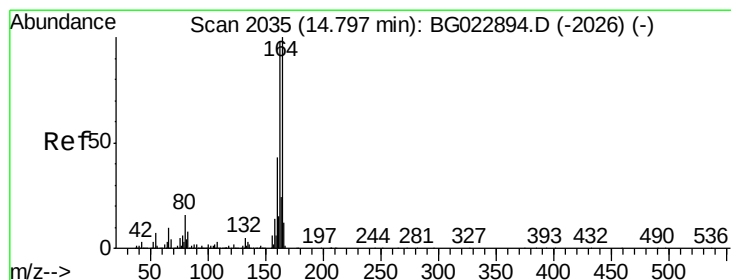
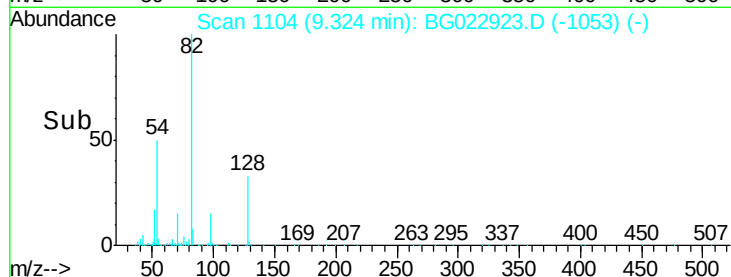
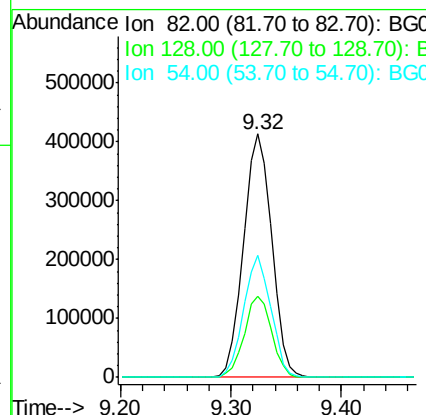
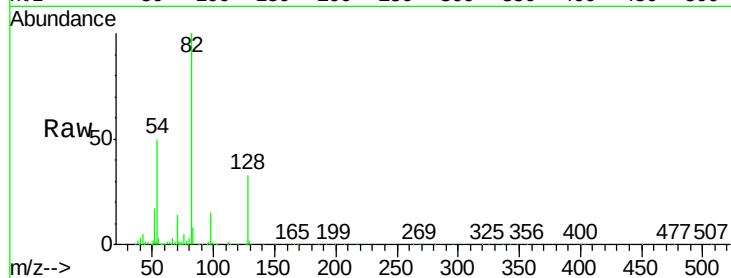




#23
 Nitrobenzene-d5
 Concen: 70.78 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022923.D
 Acq: 8 Jul 2016 9:25

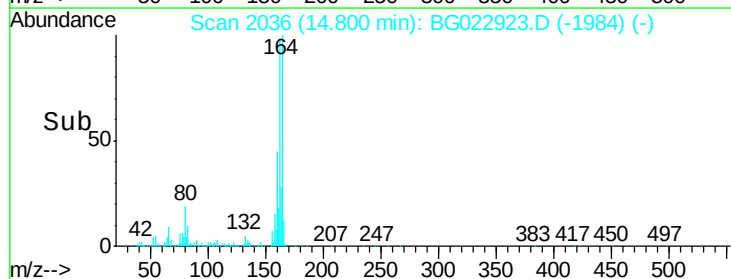
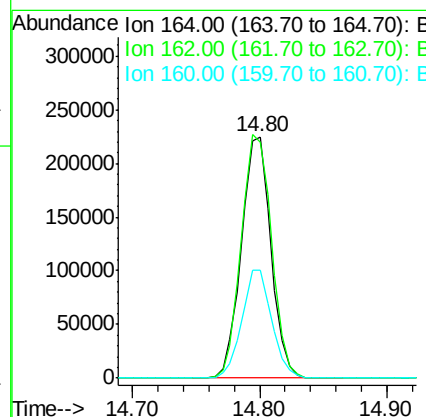
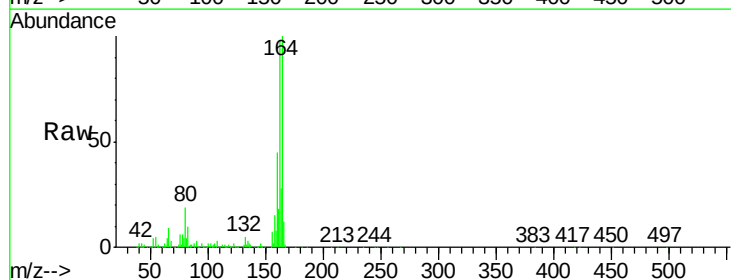
Instrument :
 BNA_G
 ClientSampled :
 B-3

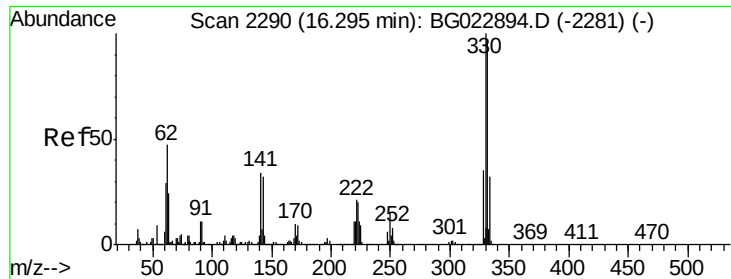
Tot Ion	82	Resp	745428
Ion Ratio	Lower	Upper	
82	100		
128	33.4	24.4	36.6
54	50.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022923.D
 Acq: 8 Jul 2016 9:25

Tgt Ion	164	Resp	361245
Ion Ratio	Lower	Upper	
164	100		
162	97.9	87.7	131.5
160	44.6	37.2	55.8

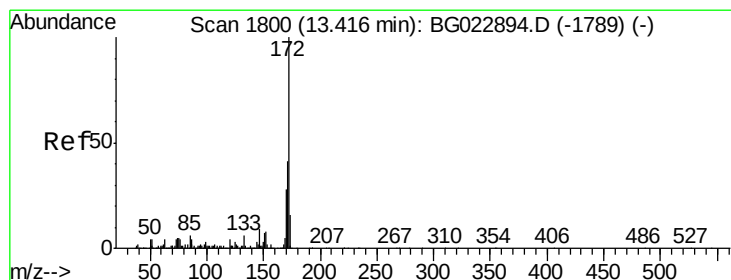
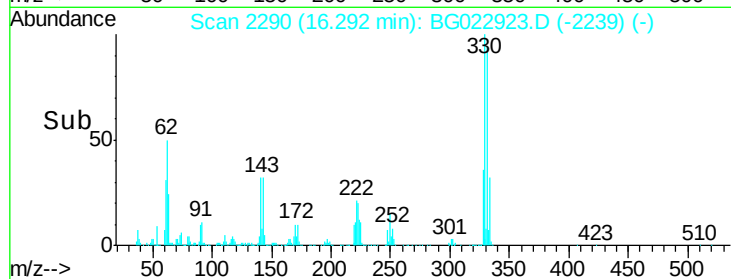
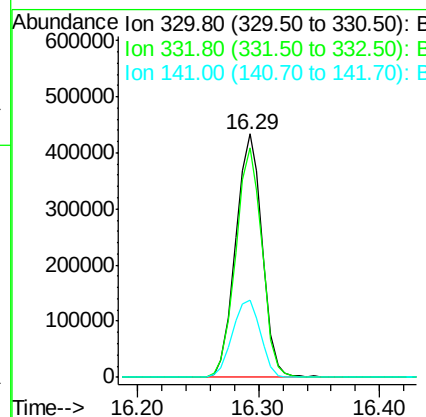
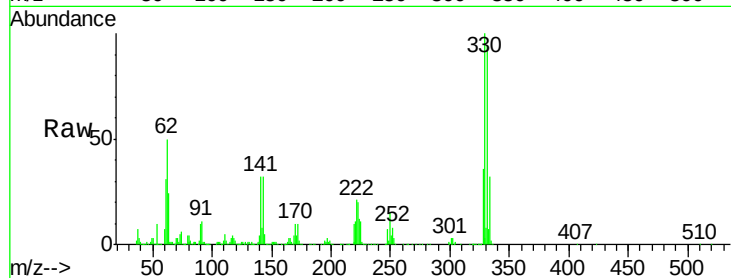




#41
 2,4,6-Tribromophenol
 Concen: 101.86 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022923.D
 Acq: 8 Jul 2016 9:25

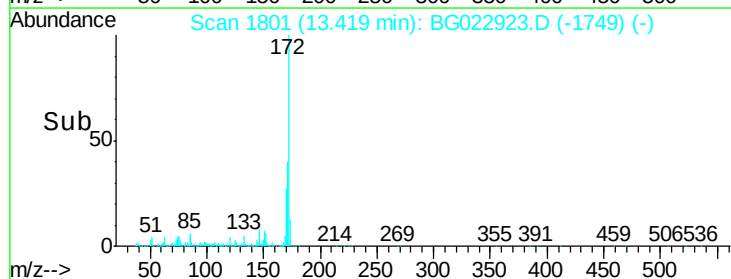
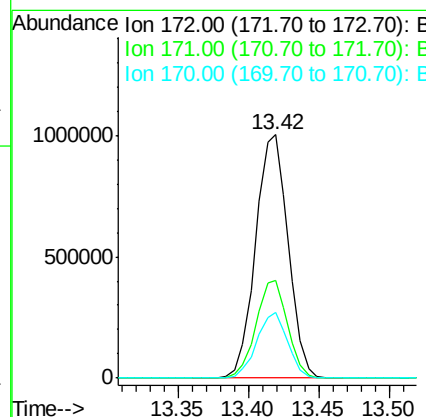
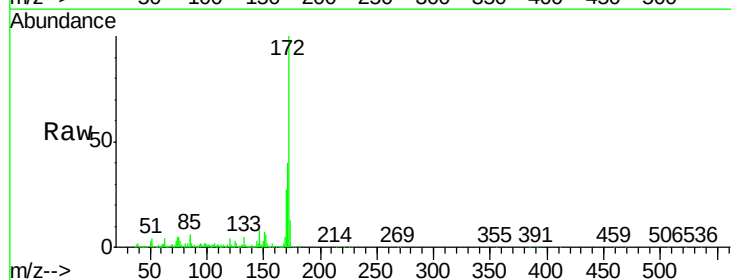
Instrument :
 BNA_G
 ClientSampleId :
 B-3

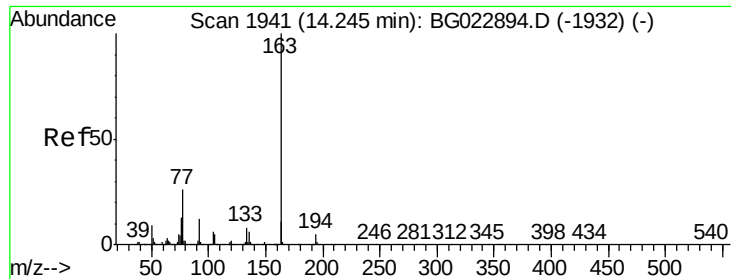
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.4	116.2
141	33.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 70.86 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022923.D
 Acq: 8 Jul 2016 9:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.6	47.4
170	26.9	21.3	31.9





#49

Dimethylphthalate

Concen: 9.51 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

Instrument :

BNA_G

ClientSampleId :

B-3

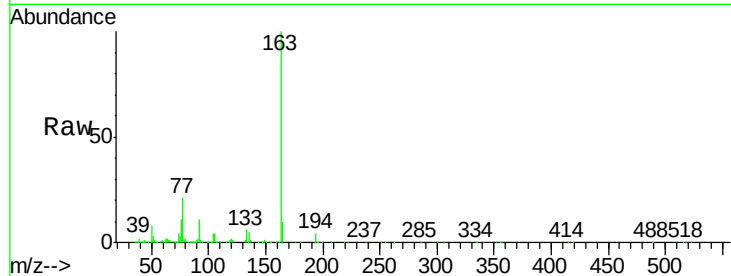
Tot Ion:163 Resp: 280728

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

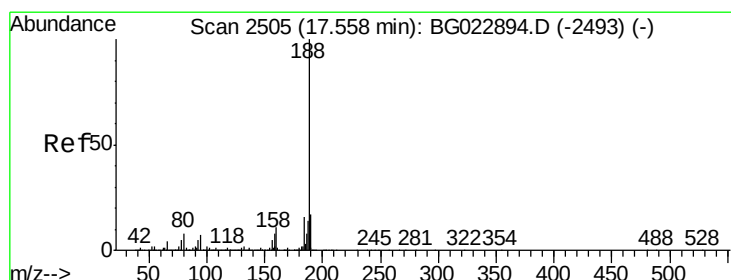
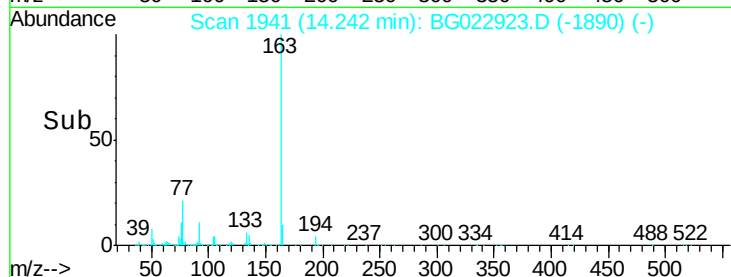
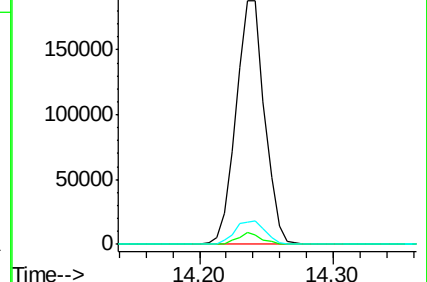
164 9.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

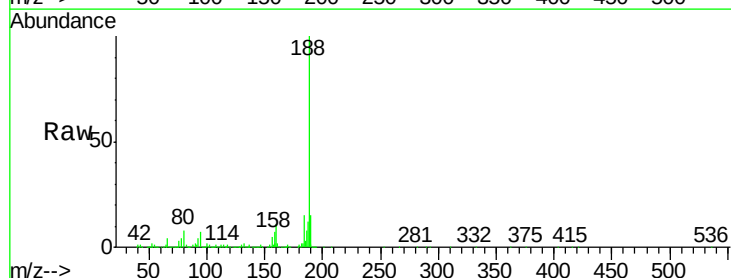
Tgt Ion:188 Resp: 922668

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

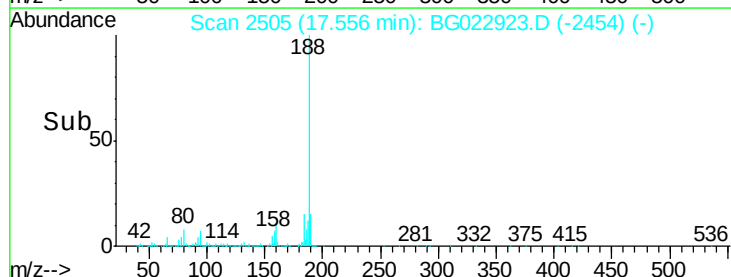
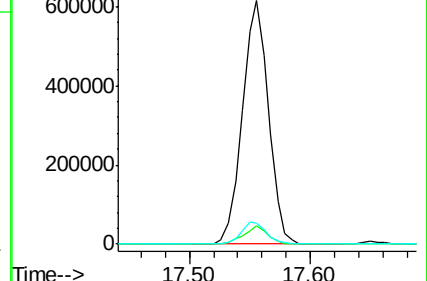
80 8.4 7.2 10.8

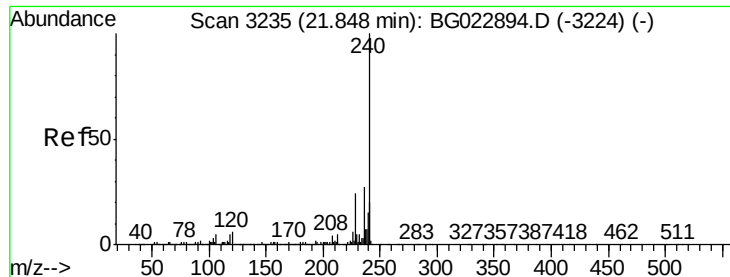


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

Instrument :

BNA_G

ClientSampleId :

B-3

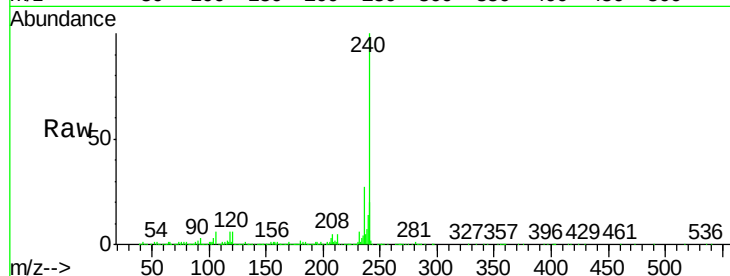
Tot Ion:240 Resp: 1035595

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

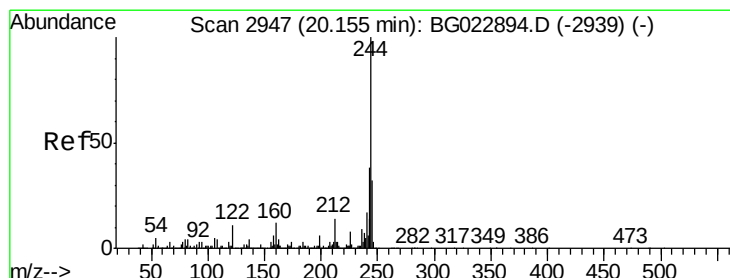
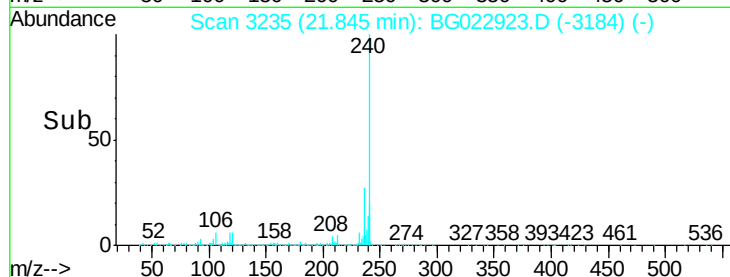
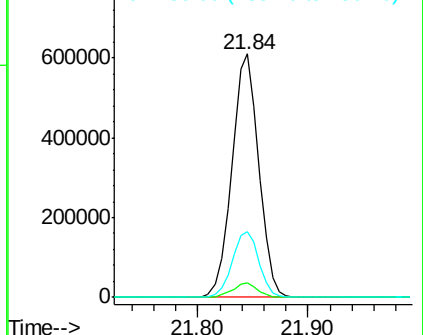
236 27.0 21.1 31.7



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: 74.84 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022923.D

Acq: 8 Jul 2016 9:25

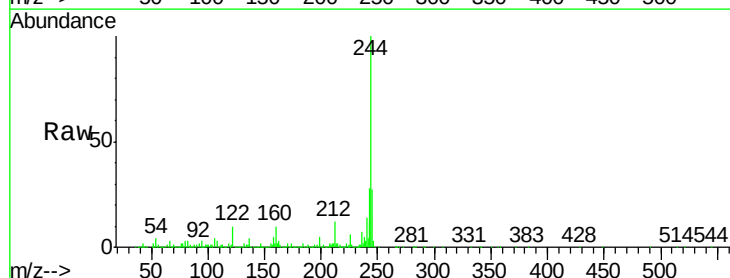
Tgt Ion:244 Resp: 2557736

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

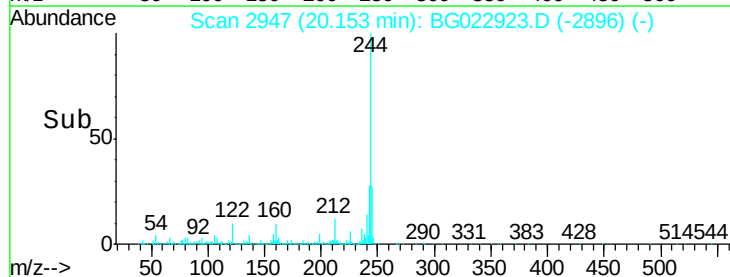
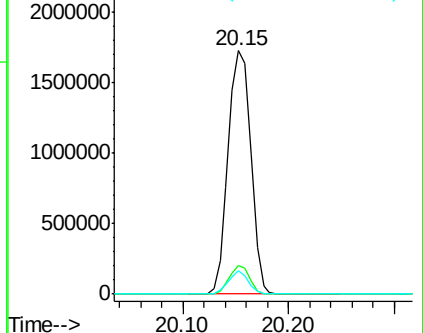
122 9.7 8.0 12.0

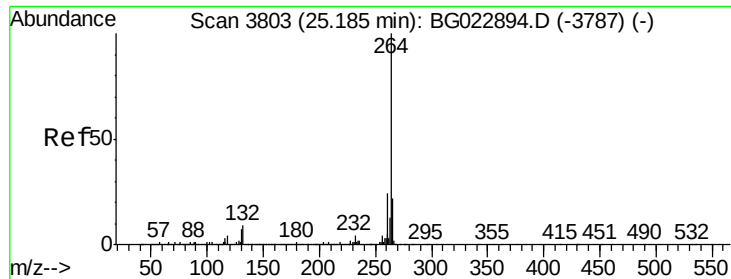


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.19 min Scan# 3805
 Delta R.T. 0.01 min
 Lab File: BG022923.D
 Acq: 8 Jul 2016 9:25

Instrument :
 BNA_G
 ClientSampleId :
 B-3

Tot Ion:264 Resp: 1054539

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	20.8	18.9	28.3

