

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023166.D
 Acq On : 18 Jul 2016 19:55
 Operator : UM/SJ
 Sample : H4044-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M9-B5(6-12)C

Quant Time: Jul 19 01:35:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 01:16:03 2016
 Response via : Initial Calibration

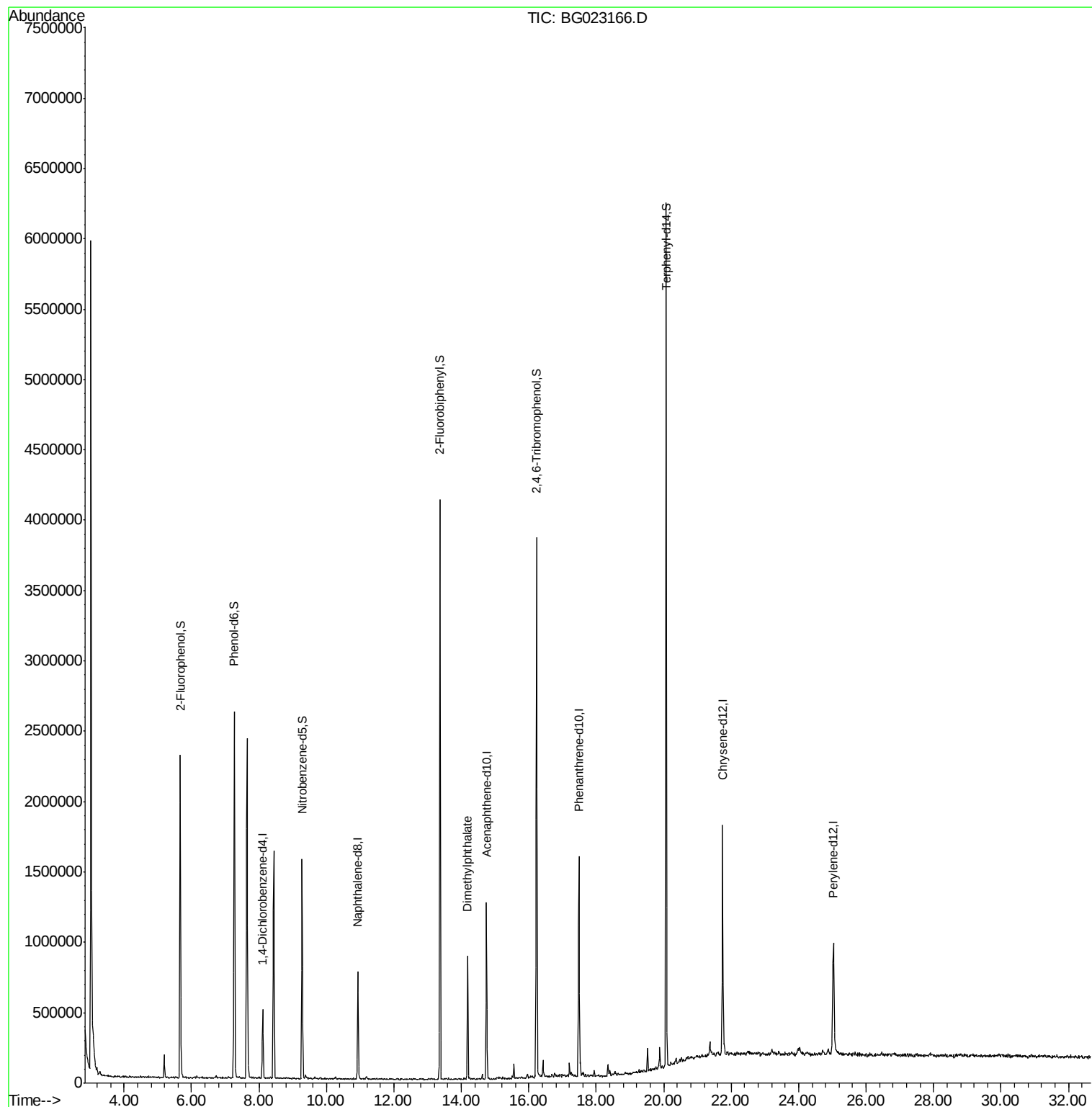
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124344	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	589157	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	440625	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	957733	20.00	ng	0.00
75) Chrysene-d12	21.75	240	957583	20.00	ng	0.00
86) Perylene-d12	25.03	264	953869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	895987	117.85	ng	-0.01
7) Phenol-d6	7.27	99	1409719	118.39	ng	-0.01
23) Nitrobenzene-d5	9.28	82	1062011	77.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	659346	83.26	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1926970	68.88	ng	0.00
78) Terphenyl-d14	20.07	244	2348333	74.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	533869	14.83	ng	Qvalue 99

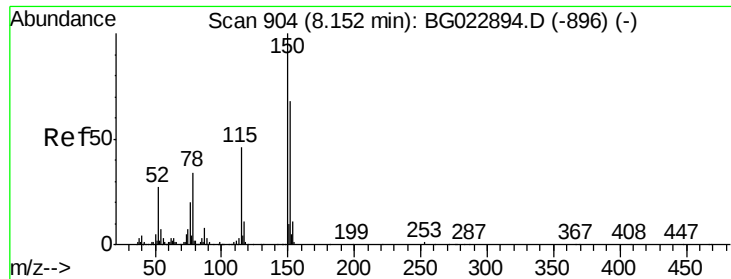
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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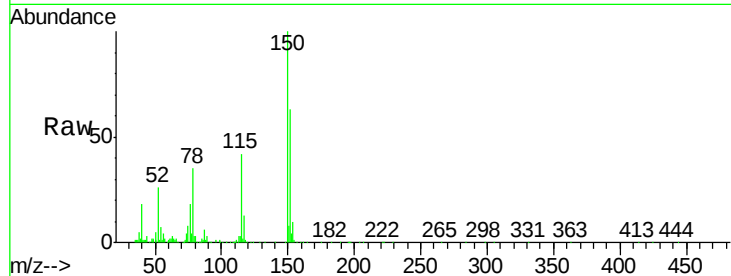


#1

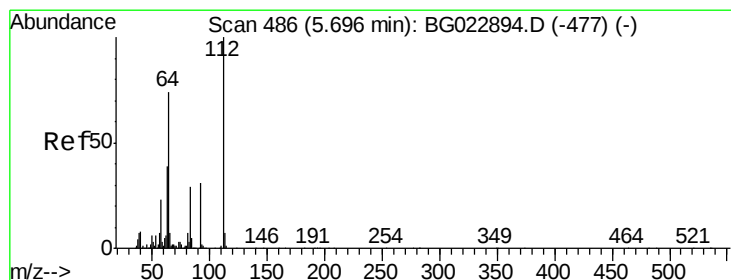
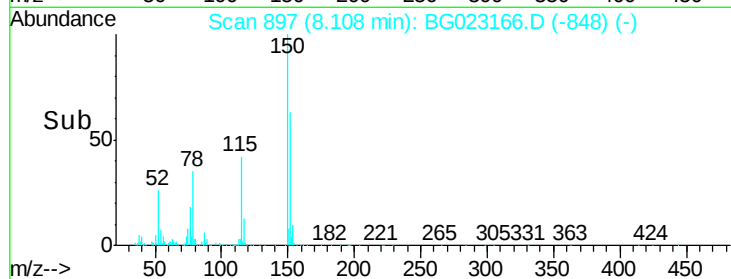
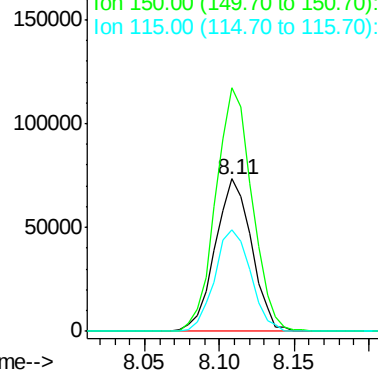
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	144.7	217.1
115	66.4	64.0	96.0



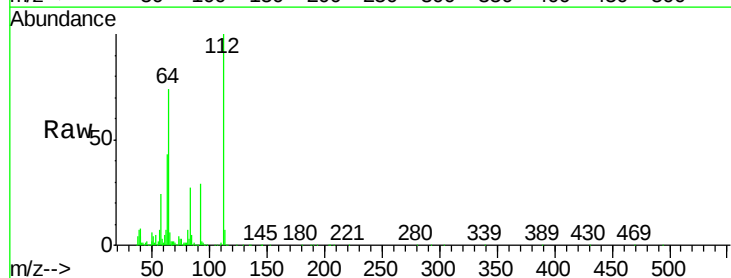
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



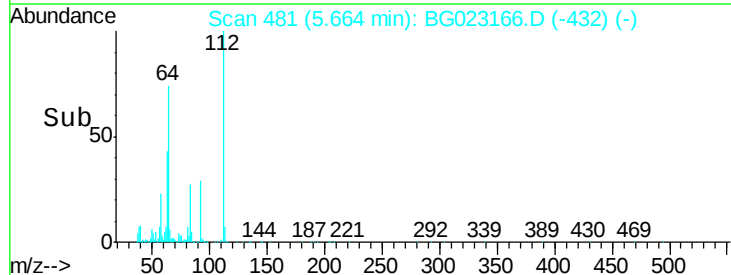
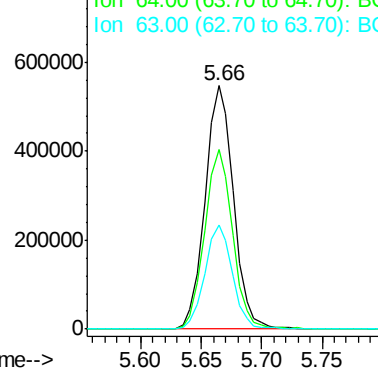
#5

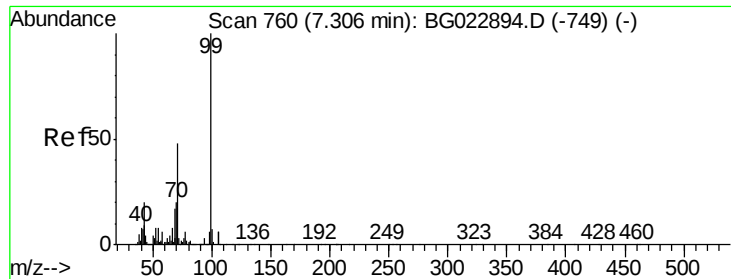
2-Fluorophenol
Concen: 117.85 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	59.0	88.4
63	42.7	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: 118.39 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

Instrument :

BNA_G

ClientSampled :

M9-B5(6-12)C

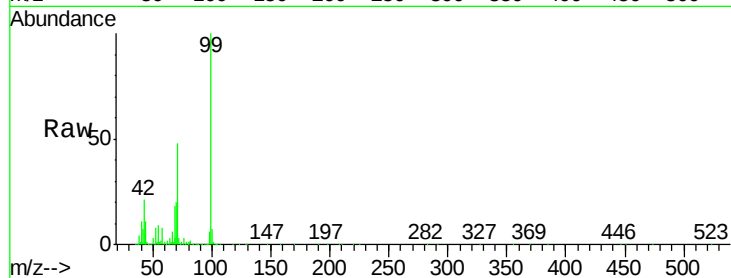
Tgt Ion: 99 Resp: 1409719

Ion Ratio Lower Upper

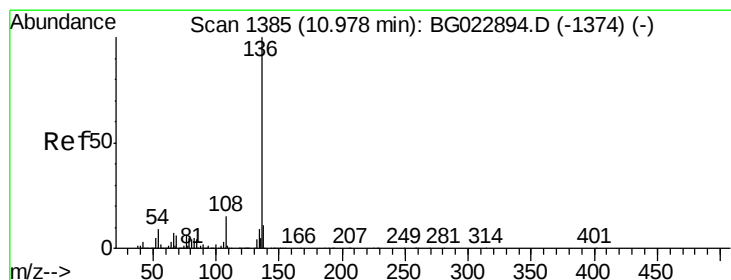
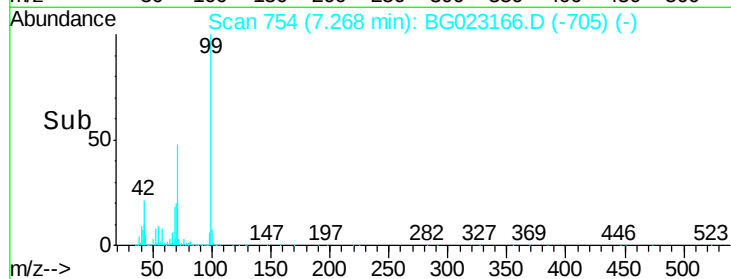
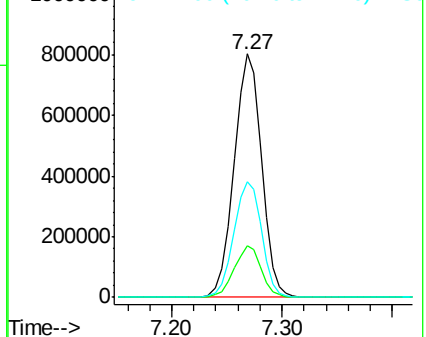
99 100

42 21.4 17.8 26.6

71 47.5 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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

Tgt Ion: 136 Resp: 589157

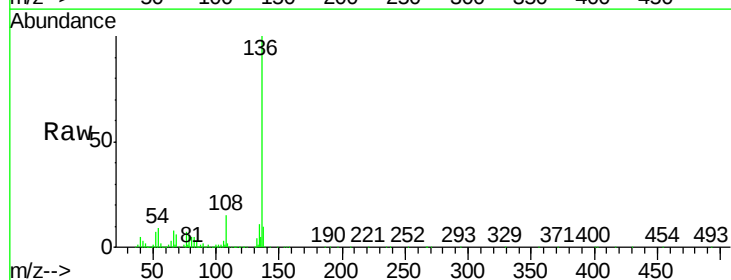
Ion Ratio Lower Upper

136 100

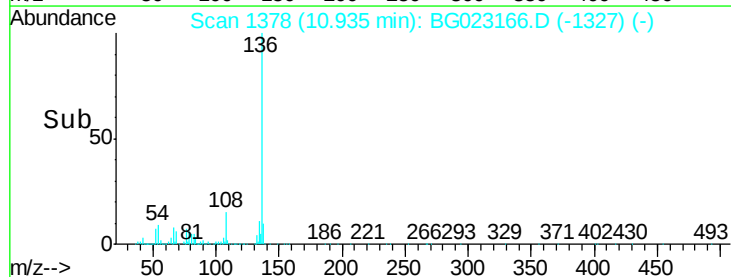
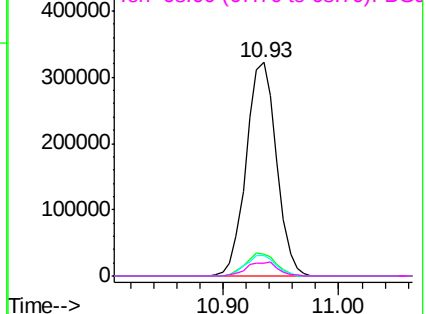
137 10.4 9.6 14.4

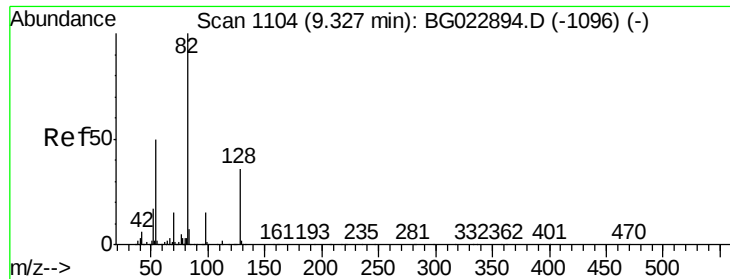
54 9.4 7.3 10.9

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

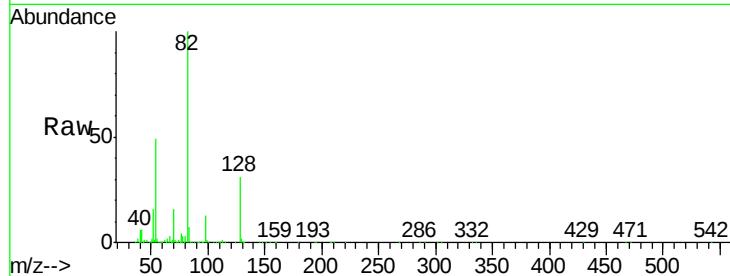




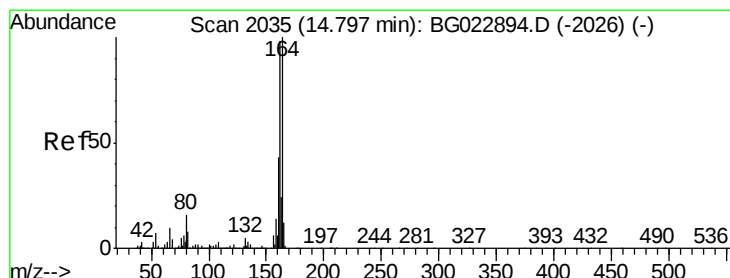
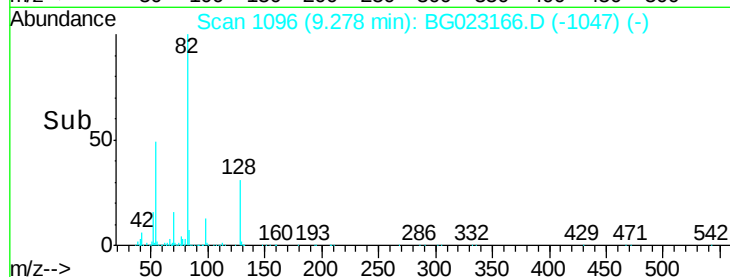
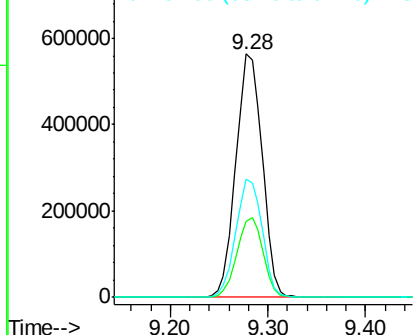
#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG023166.D
 Acq: 18 Jul 2016 19:55

Instrument :
 BNA_G
 ClientSampleId :
 M9-B5(6-12)C

Tgt Ion: 82 Resp: 1062011
 Ion Ratio Lower Upper
 82 100
 128 31.4 24.4 36.6
 54 48.8 41.4 62.0

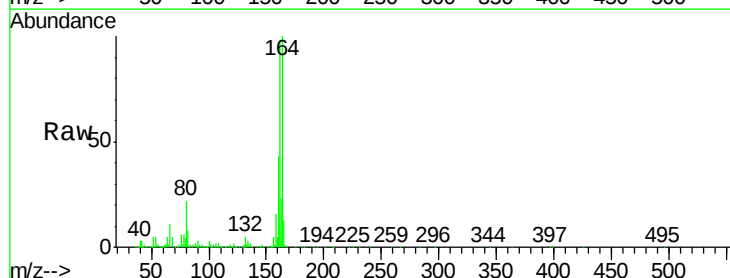


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

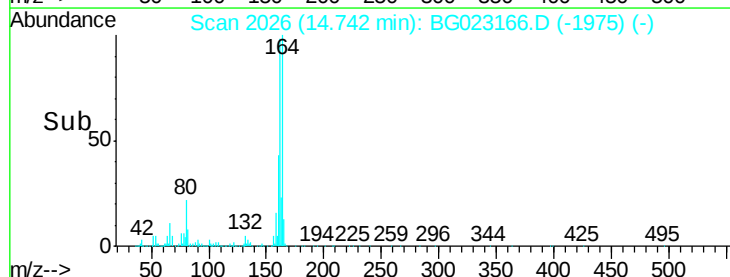
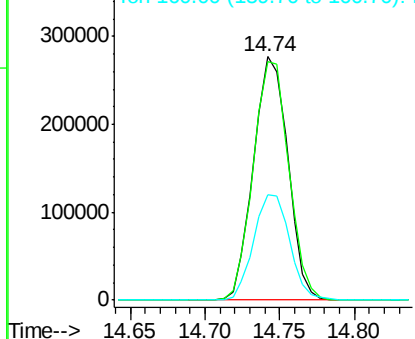


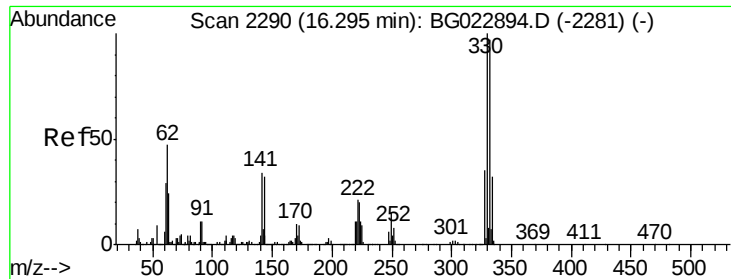
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG023166.D
 Acq: 18 Jul 2016 19:55

Tgt Ion: 164 Resp: 440625
 Ion Ratio Lower Upper
 164 100
 162 98.1 87.7 131.5
 160 43.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

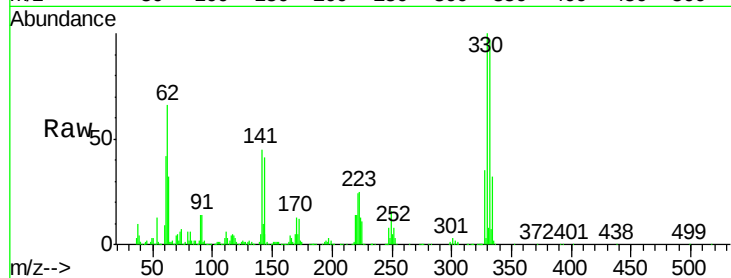




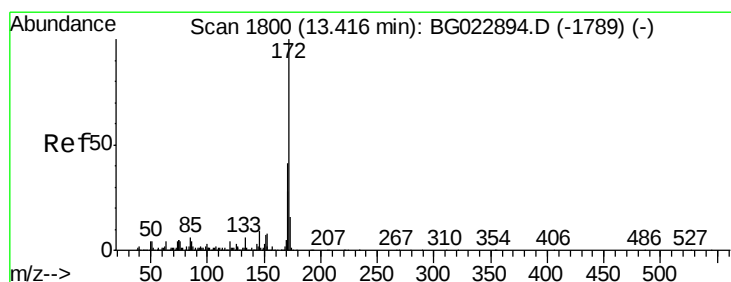
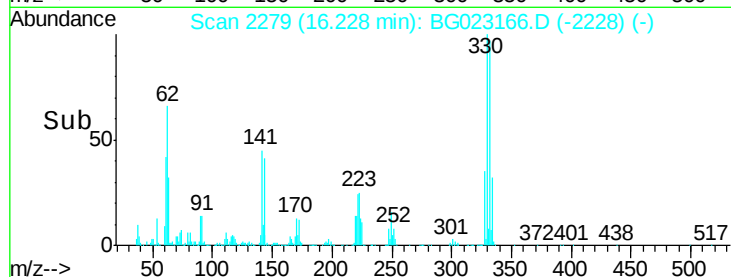
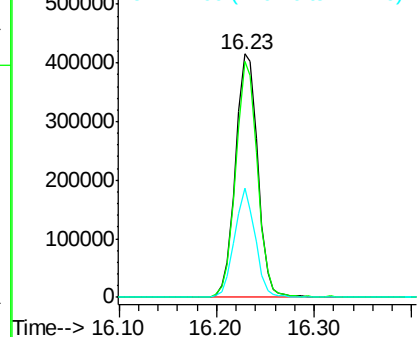
#41
 2,4,6-Tribromophenol
 Concen: 83.26 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG023166.D
 Acq: 18 Jul 2016 19:55

Instrument :
 BNA_G
 ClientSampleId :
 M9-B5(6-12)C

Tgt Ion:330 Resp: 659346
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.4 116.2
 141 41.4 31.7 47.5

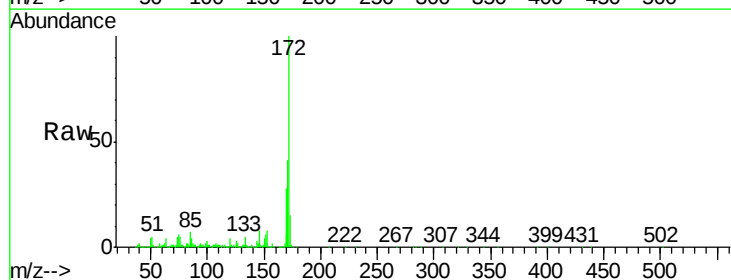


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

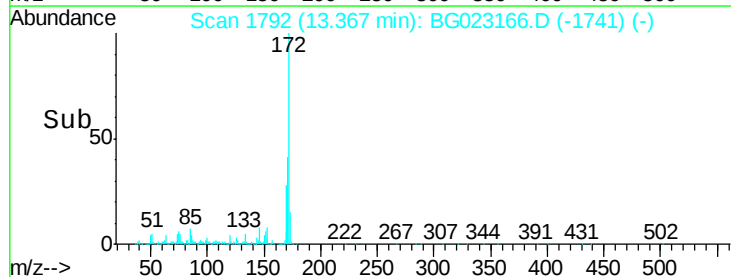
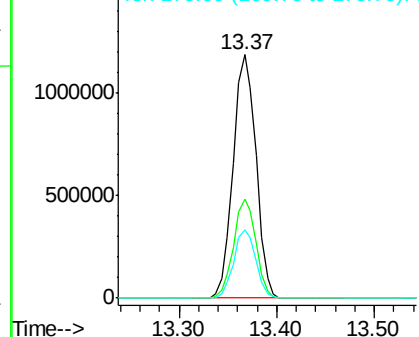


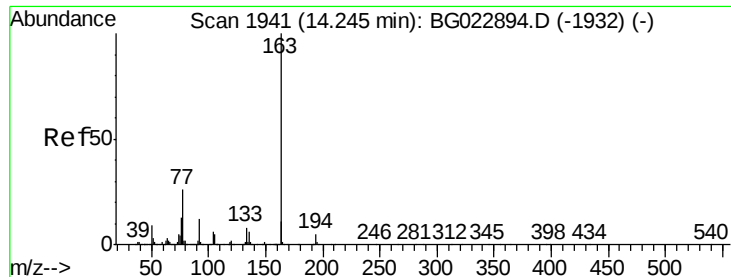
#44
 2-Fluorobiphenyl
 Concen: 68.88 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG023166.D
 Acq: 18 Jul 2016 19:55

Tgt Ion:172 Resp: 1926970
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 28.2 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: 14.83 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

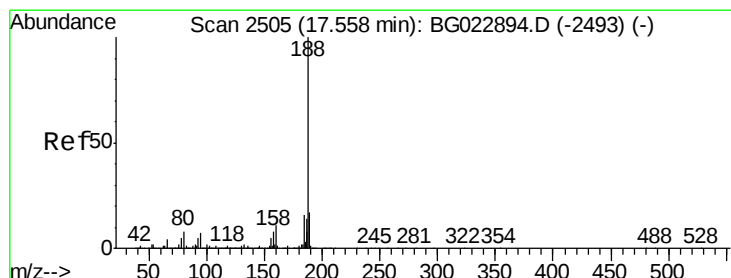
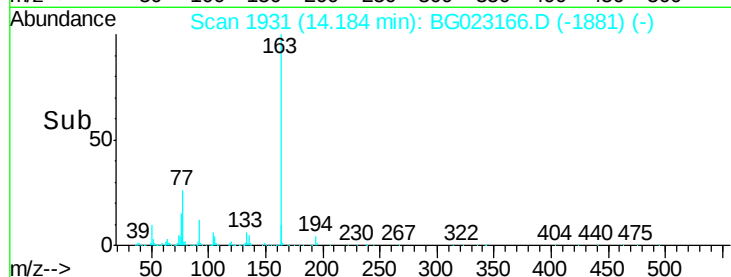
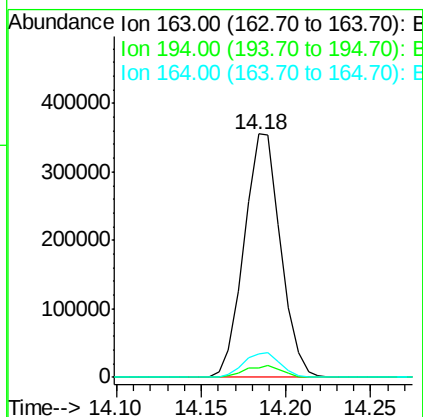
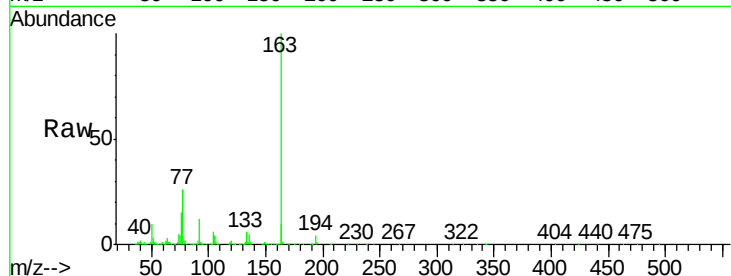
Instrument :

BNA_G

ClientSampleId :

M9-B5(6-12)C

Tgt Ion:	163	Resp:	533869
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.8	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

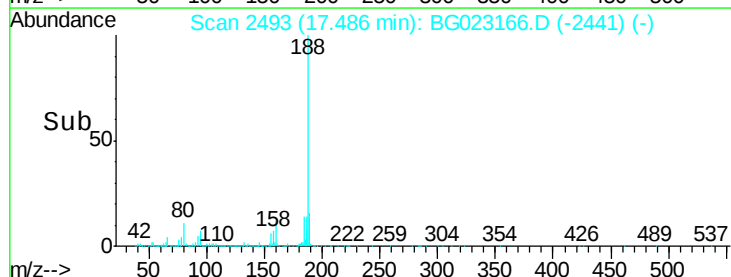
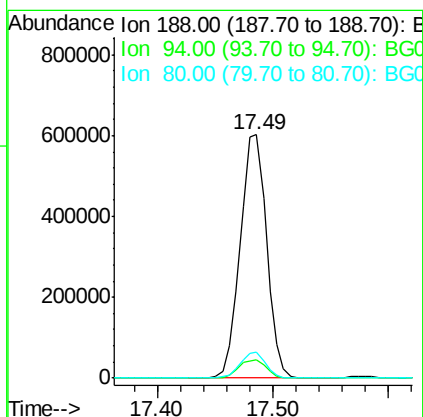
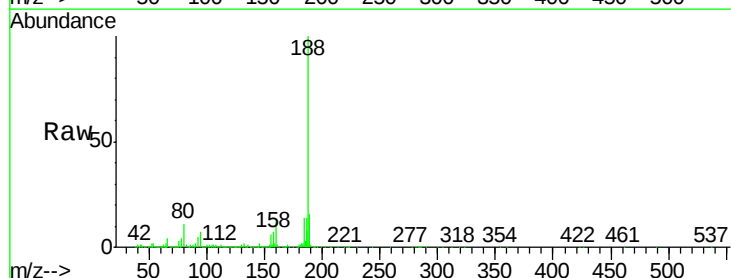
RT: 17.49 min Scan# 2493

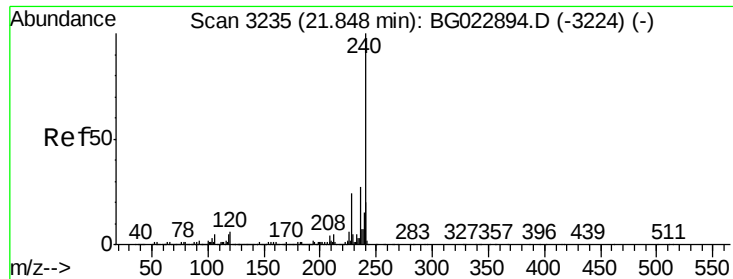
Delta R.T. 0.00 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

Tgt Ion:	188	Resp:	957733
Ion Ratio		Lower	Upper
188	100		
94	7.3	5.2	7.8
80	10.7	7.2	10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

Instrument :

BNA_G

ClientSampleId :

M9-B5(6-12)C

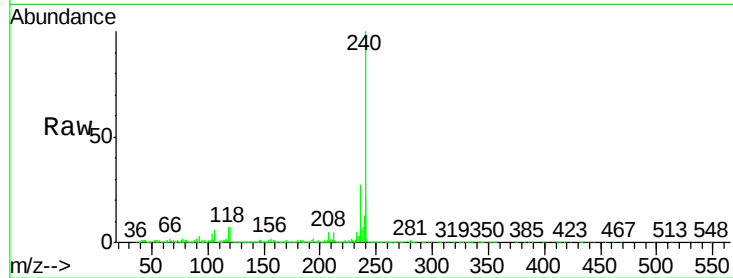
Tgt Ion:240 Resp: 957583

Ion Ratio Lower Upper

240 100

120 7.5 4.1 6.1#

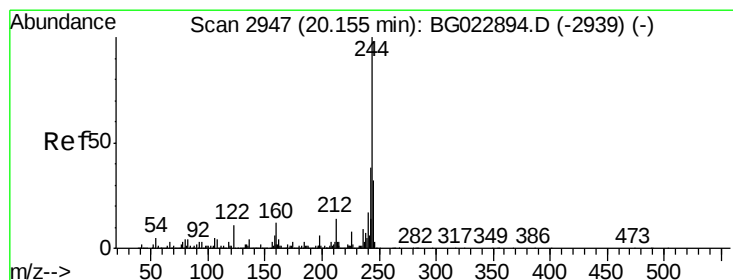
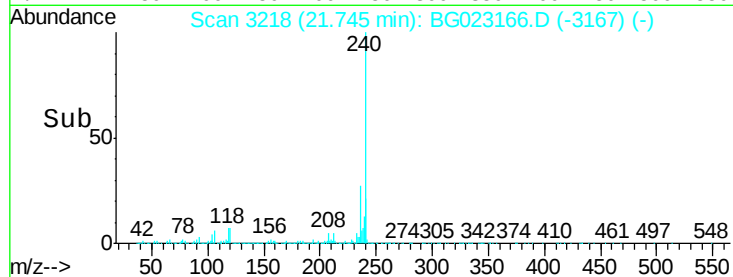
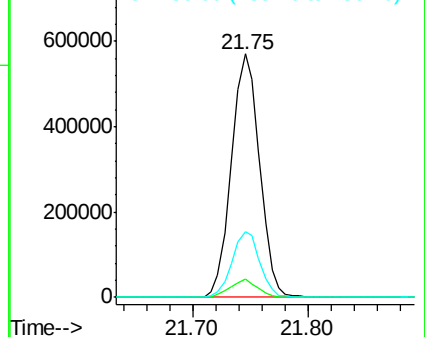
236 27.1 21.1 31.7



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: 74.04 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.00 min

Lab File: BG023166.D

Acq: 18 Jul 2016 19:55

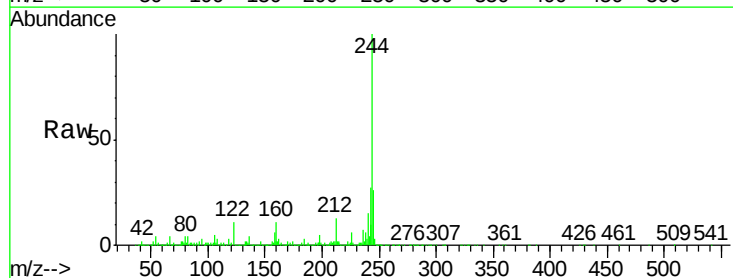
Tgt Ion:244 Resp: 2348333

Ion Ratio Lower Upper

244 100

212 12.8 10.8 16.2

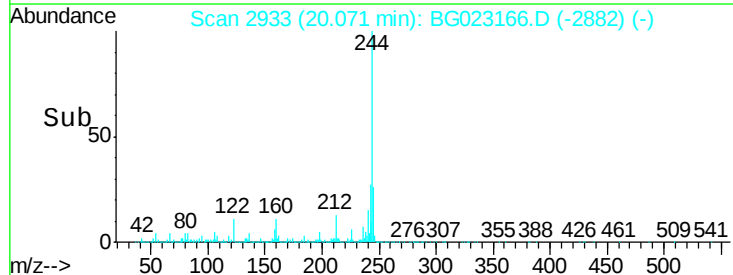
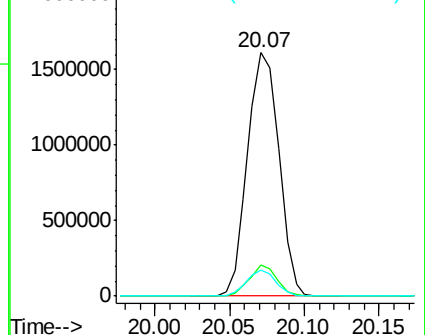
122 10.7 8.0 12.0

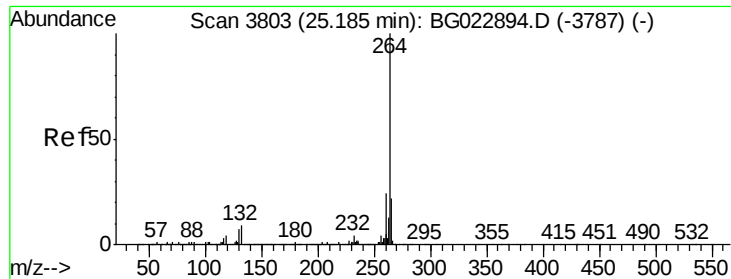


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. 0.00 min
Lab File: BG023166.D
Acq: 18 Jul 2016 19:55

Instrument :
BNA_G
ClientSampleId :
M9-B5(6-12)C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.9	18.9	28.3

