

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023244.D
 Acq On : 23 Jul 2016 10:14
 Operator : UM/SJ
 Sample : H4133-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-40

Quant Time: Jul 25 13:25:31 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 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	88670	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	427366	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	236986	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	793427	20.00	ng	0.02
75) Chrysene-d12	21.89	240	710204	20.00	ng	0.01
86) Perylene-d12	25.30	264	199638	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	710834	131.11	ng	0.00
7) Phenol-d6	7.29	99	880863	103.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	848384	85.00	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	519850	122.05	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1575589	104.72	ng	0.01
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

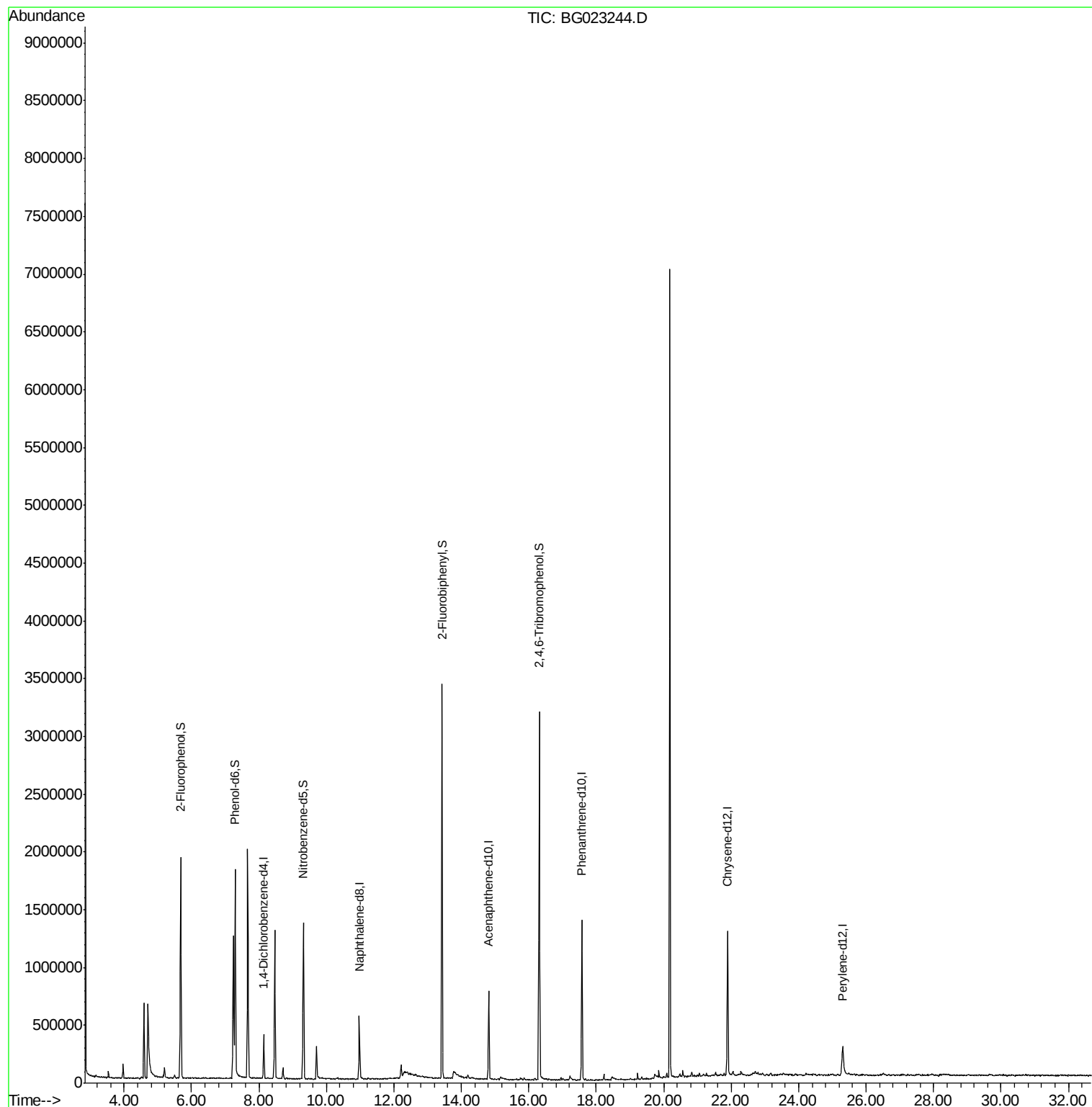
Target Compounds Qvalue

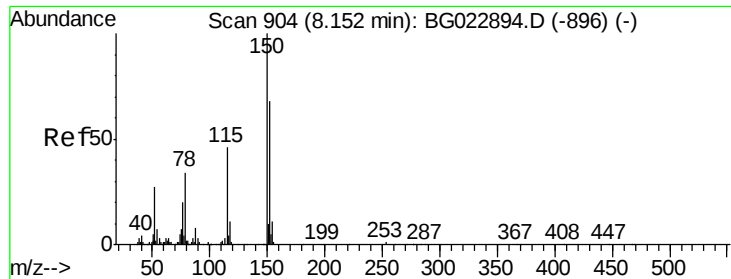
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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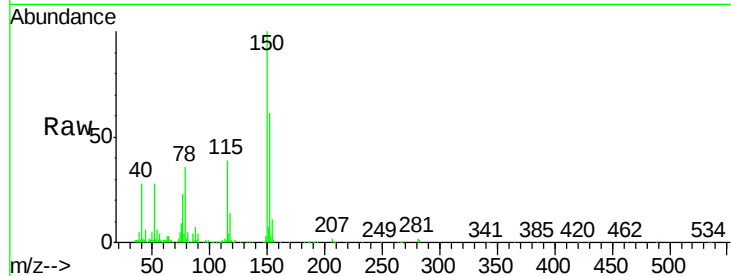


#1

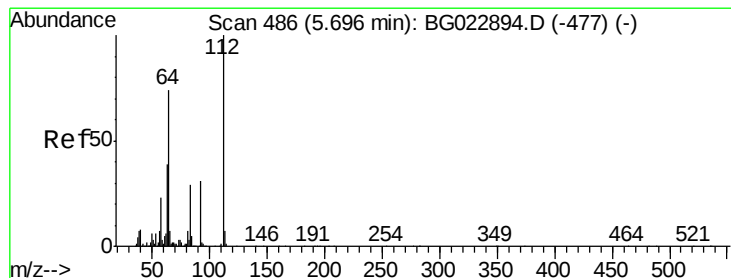
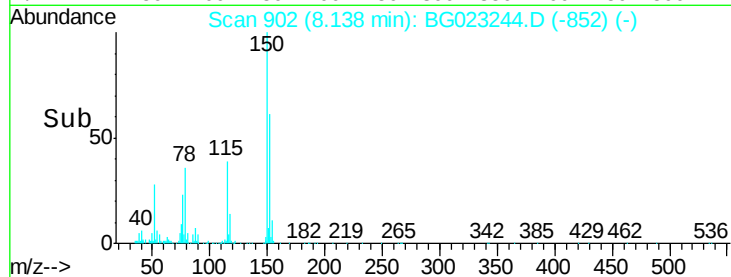
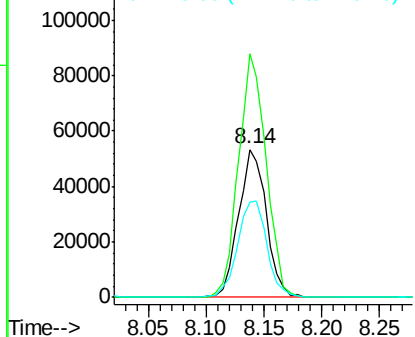
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

Instrument :
BNA_G
ClientSampleId :
D-40

Tgt Ion:152 Resp: 88670
Ion Ratio Lower Upper
152 100
150 164.6 144.7 217.1
115 64.5 64.0 96.0



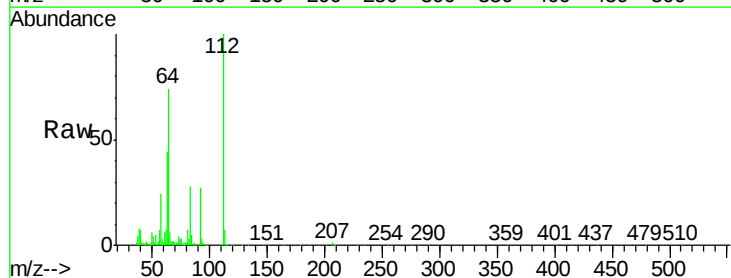
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



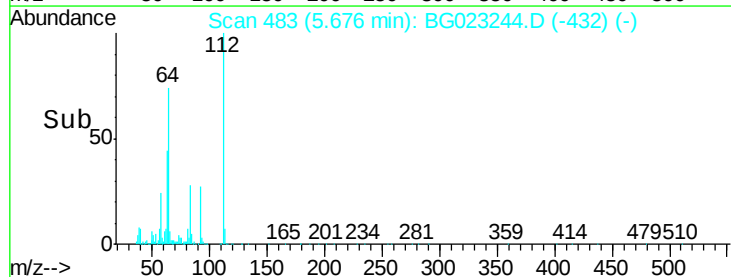
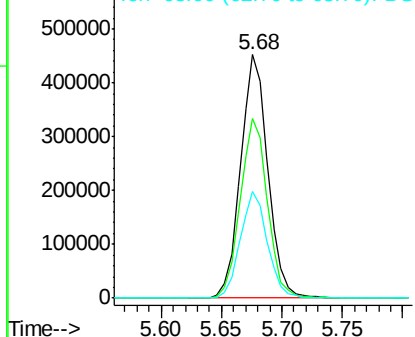
#5

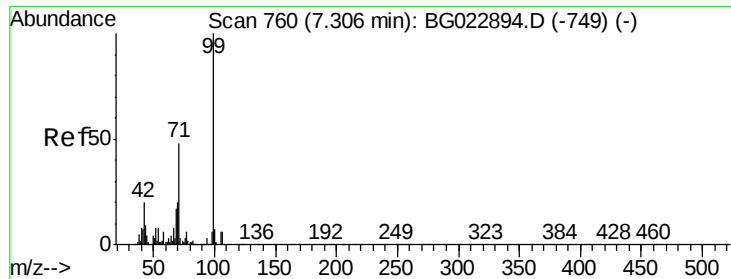
2-Fluorophenol
Concen: 131.11 ng
RT: 5.68 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

Tgt Ion:112 Resp: 710834
Ion Ratio Lower Upper
112 100
64 73.9 59.0 88.4
63 44.0 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: 103.74 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Instrument :

BNA_G

ClientSampleId :

D-40

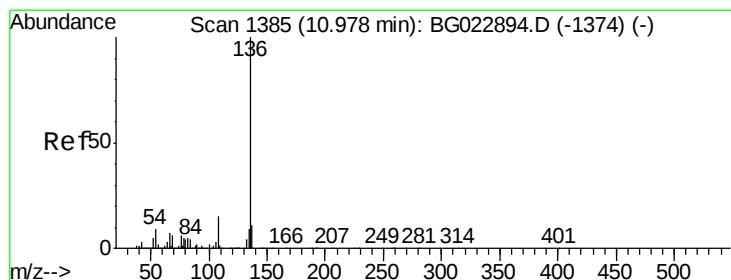
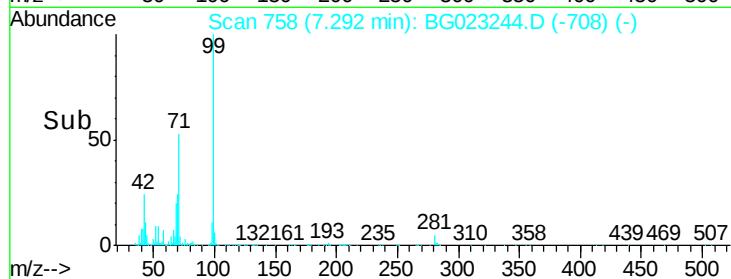
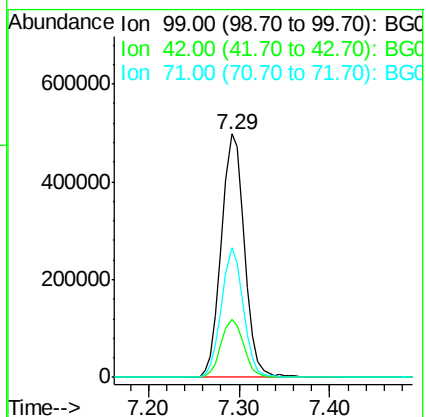
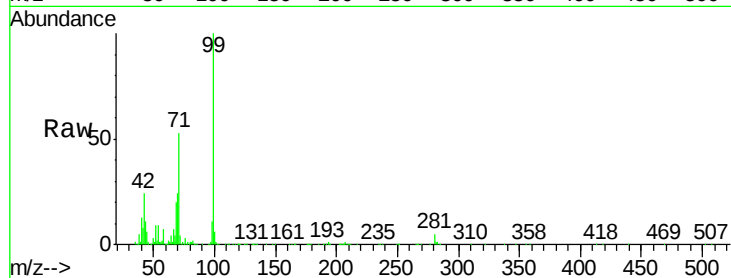
Tgt Ion: 99 Resp: 880863

Ion Ratio Lower Upper

99 100

42 23.6 17.8 26.6

71 53.2 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023244.D

Acq: 23 Jul 2016 10:14

Tgt Ion: 136 Resp: 427366

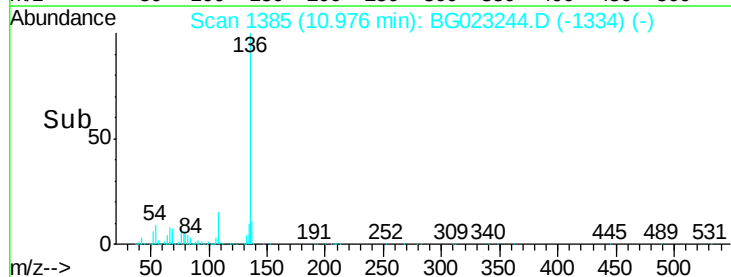
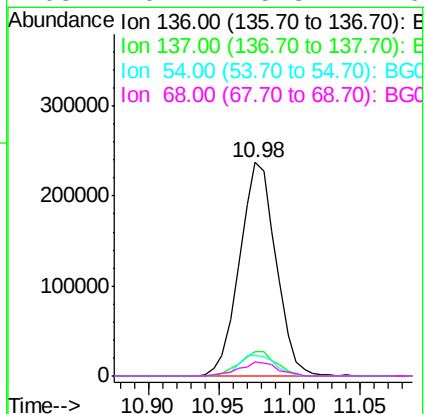
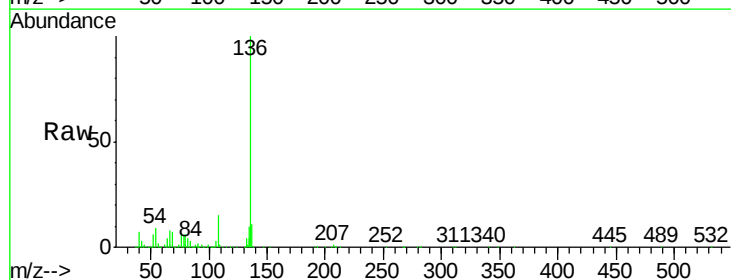
Ion Ratio Lower Upper

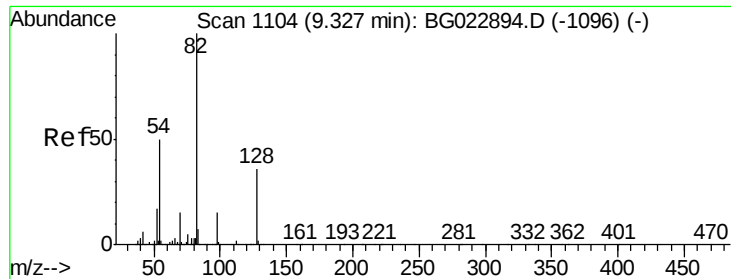
136 100

137 11.2 9.6 14.4

54 9.4 7.3 10.9

68 6.7 5.3 7.9

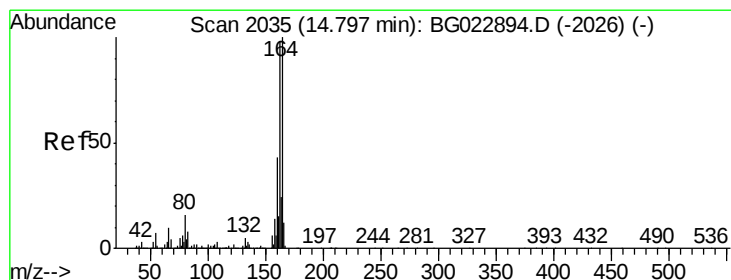
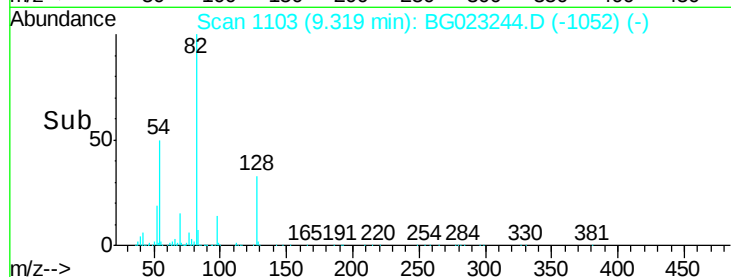
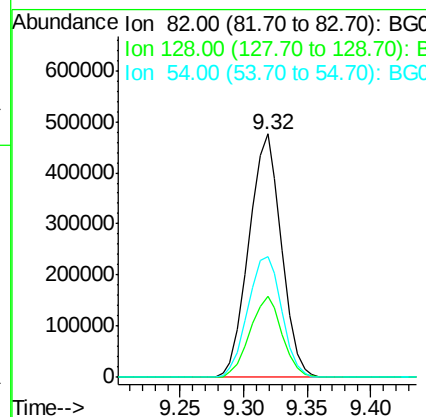
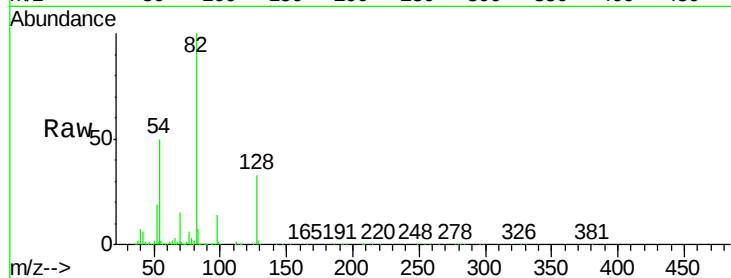




#23
 Nitrobenzene-d5
 Concen: 85.00 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

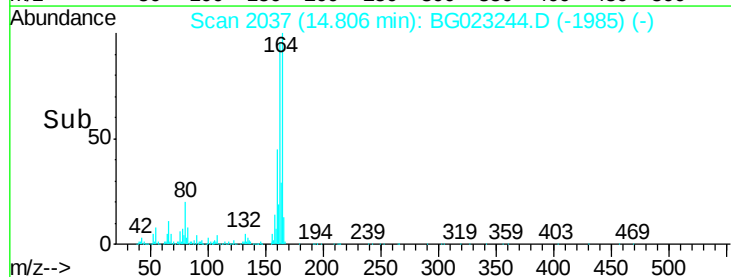
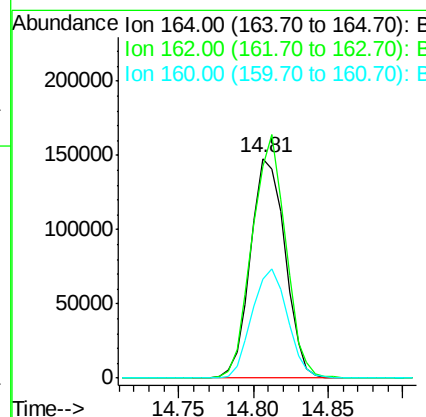
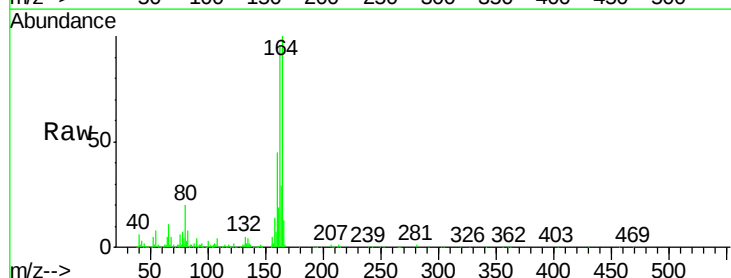
Instrument :
 BNA_G
 ClientSampleId :
 D-40

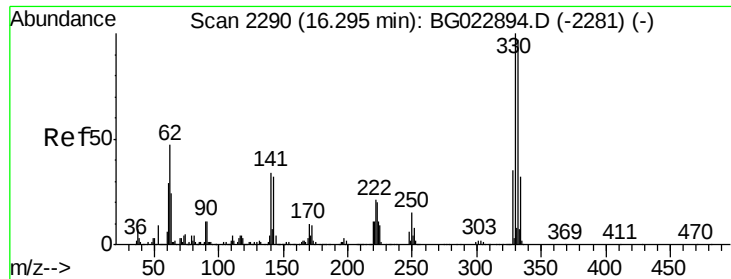
Tgt Ion: 82 Resp: 848384
 Ion Ratio Lower Upper
 82 100
 128 33.3 24.4 36.6
 54 49.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Tgt Ion: 164 Resp: 236986
 Ion Ratio Lower Upper
 164 100
 162 96.3 87.7 131.5
 160 44.9 37.2 55.8

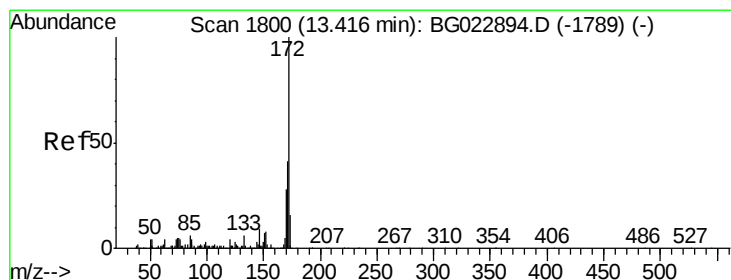
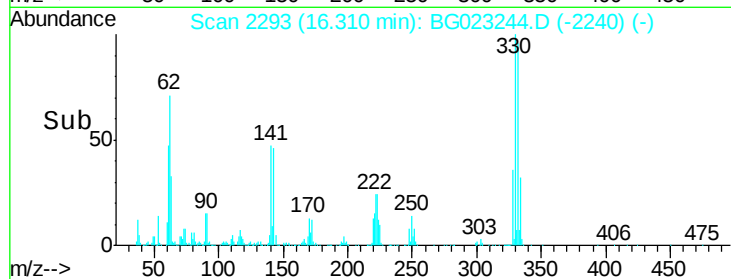
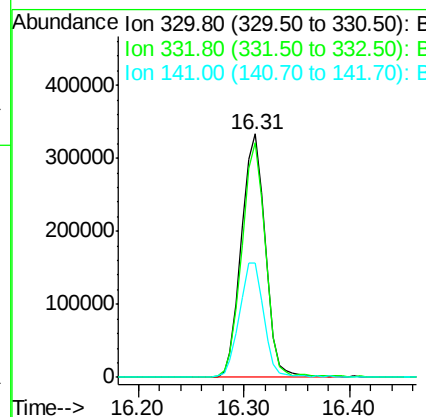
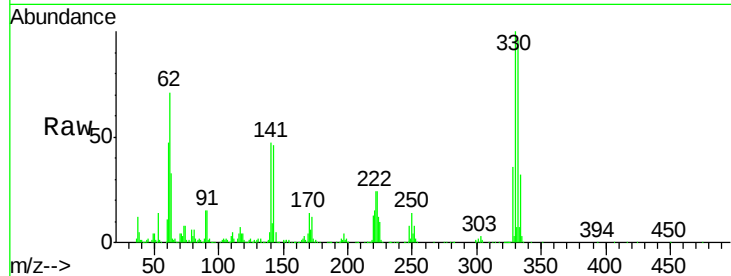




#41
 2,4,6-Tribromophenol
 Concen: 122.05 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

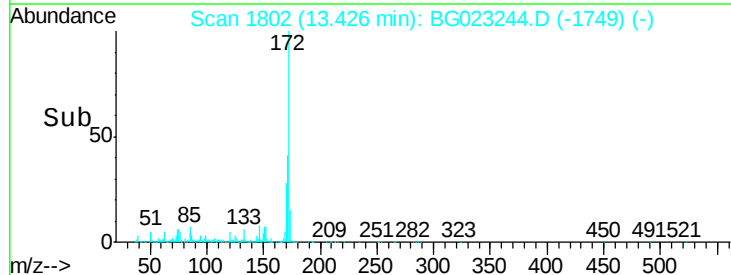
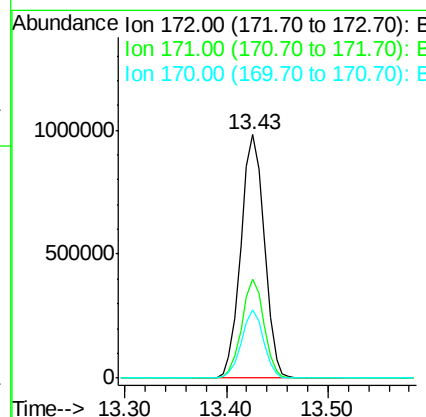
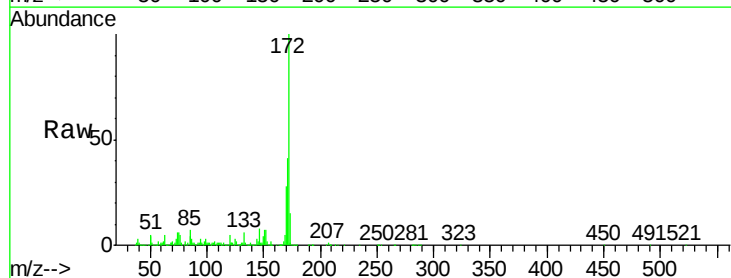
Instrument :
 BNA_G
 ClientSampled :
 D-40

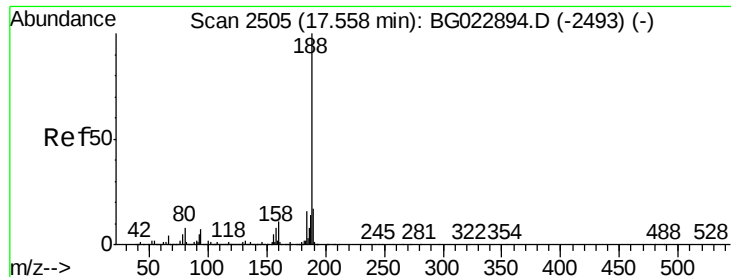
Tgt Ion:330 Resp: 519850
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 48.4 31.7 47.5#



#44
 2-Fluorobiphenyl
 Concen: 104.72 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Tgt Ion:172 Resp: 1575589
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.9 21.3 31.9

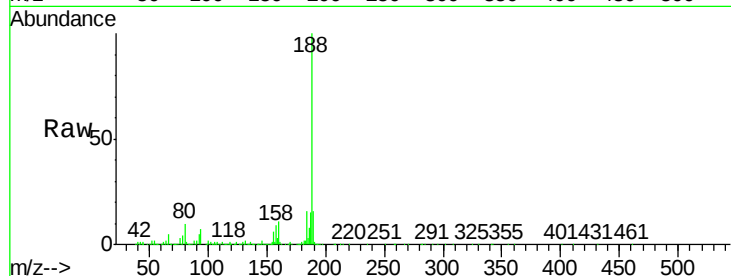




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

Instrument :
BNA_G
ClientSampleId :
D-40

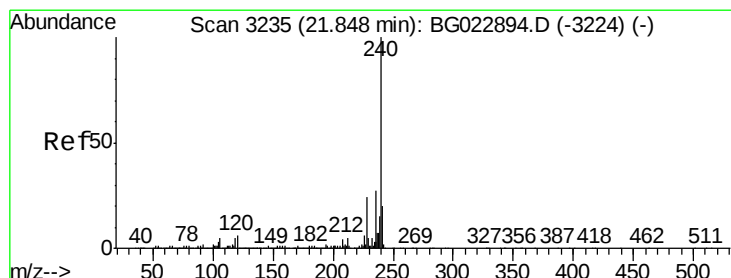
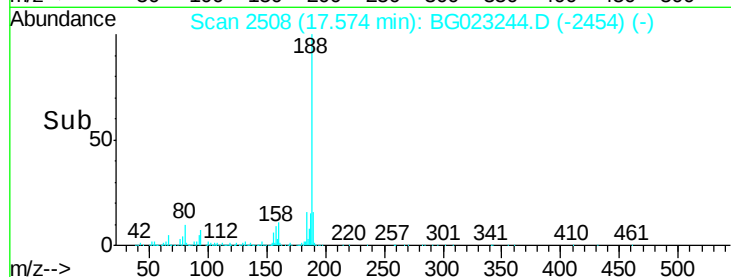
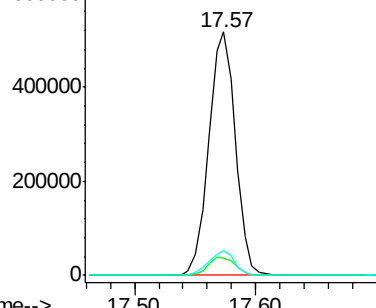
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.2	7.8
80	10.1	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E

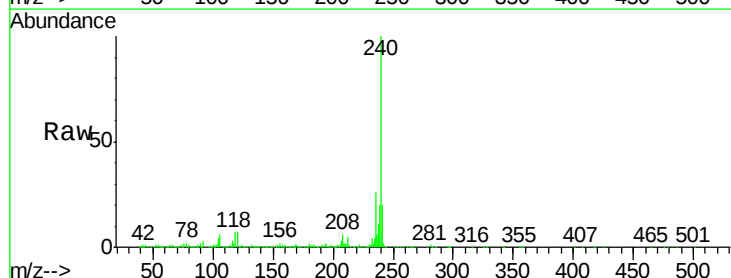
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023244.D
Acq: 23 Jul 2016 10:14

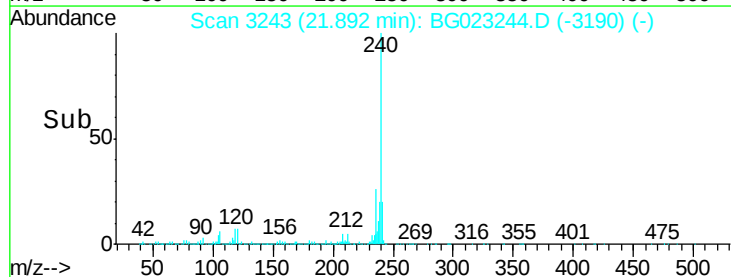
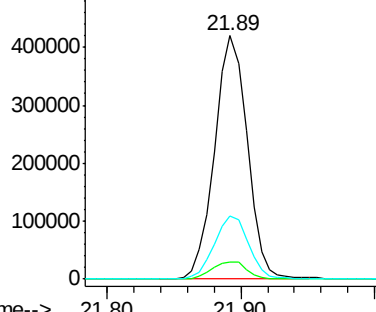
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.1	6.1#
236	26.1	21.1	31.7

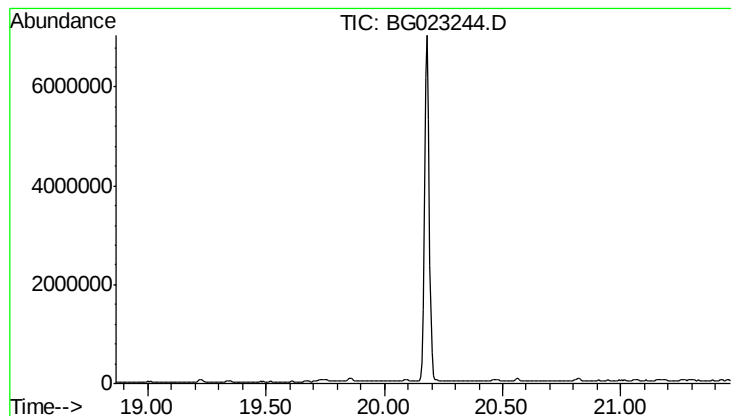


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



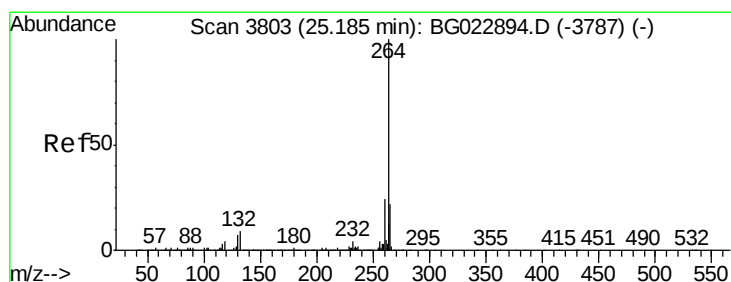
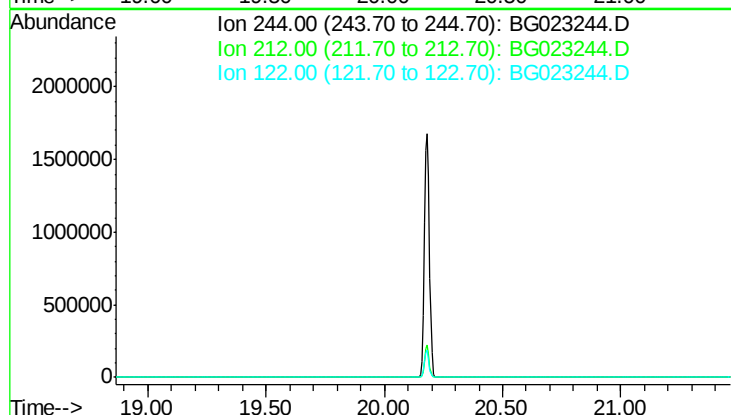


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 20.16 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Instrument :
 BNA_G
 ClientSampleId :
 D-40

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	13.5
122	10.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.30 min Scan# 3823
 Delta R.T. 0.03 min
 Lab File: BG023244.D
 Acq: 23 Jul 2016 10:14

Tgt Ion: 264 Resp: 199638

Ion	Ratio	Lower	Upper
264	100		
260	27.5	18.4	27.6
265	21.8	18.9	28.3

