

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023725.D
 Acq On : 15 Aug 2016 17:50
 Operator : UM/SJ
 Sample : H4422-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 16 01:14:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

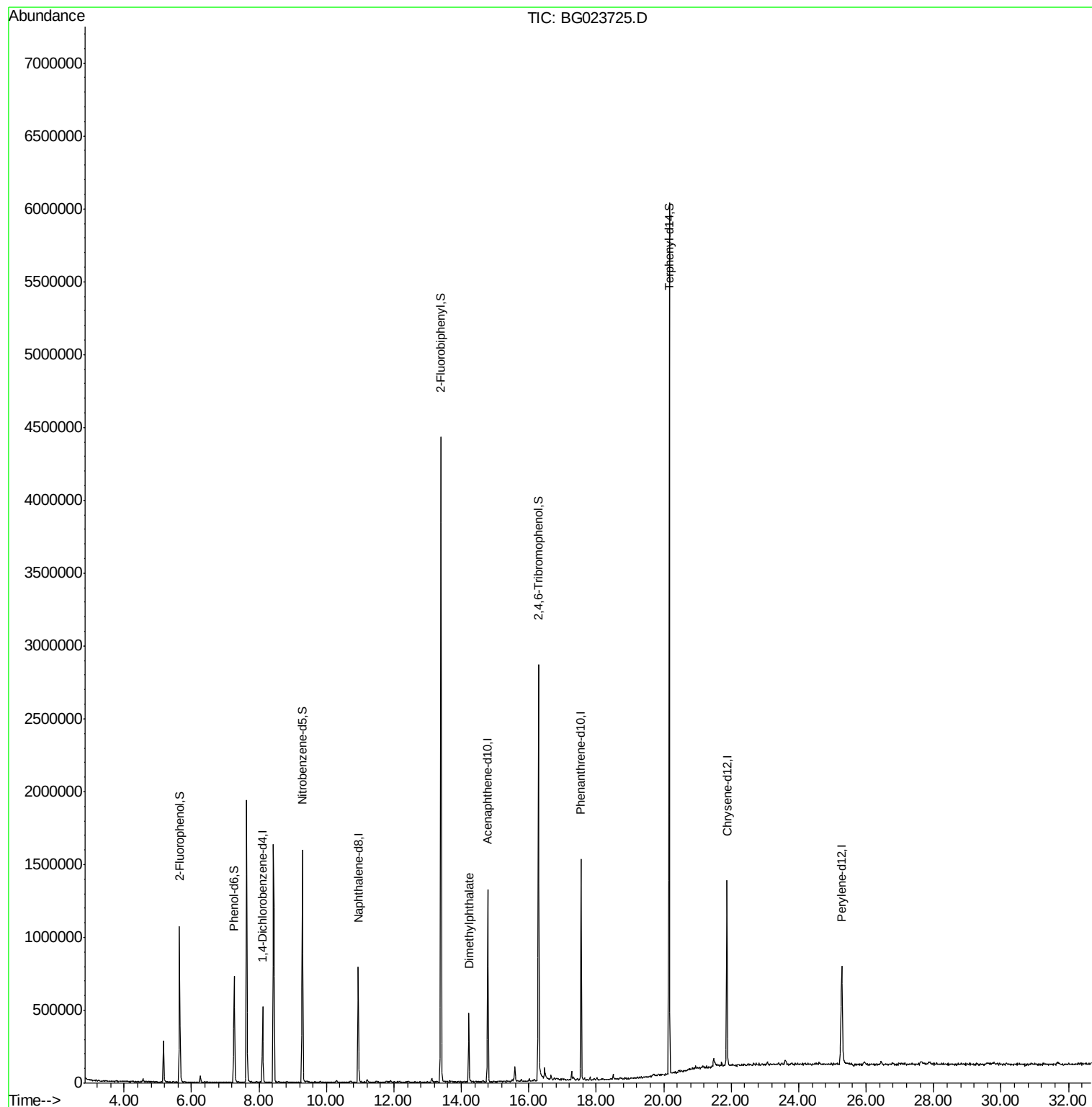
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	137356	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	641396	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	443973	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	899021	20.00	ng	0.00
75) Chrysene-d12	21.87	240	792136	20.00	ng	0.00
86) Perylene-d12	25.28	264	789091	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	477023	58.46	ng	-0.01
7) Phenol-d6	7.26	99	456444	35.91	ng	-0.01
23) Nitrobenzene-d5	9.29	82	1022938	79.29	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	578610	89.10	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	2164210	82.22	ng	0.00
78) Terphenyl-d14	20.16	244	2357967	95.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	309037	9.07	ng	Qvalue 97

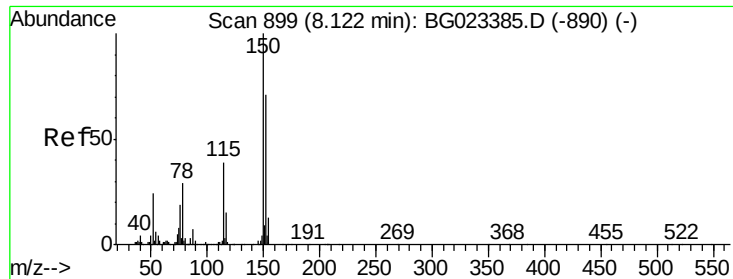
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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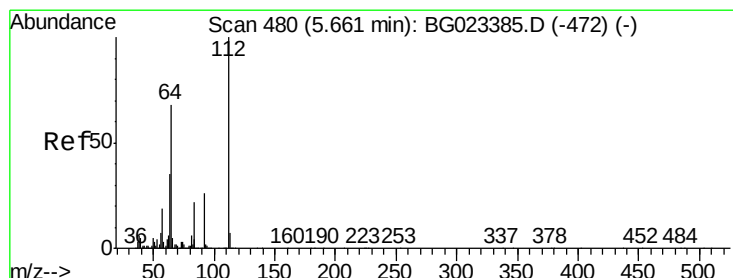
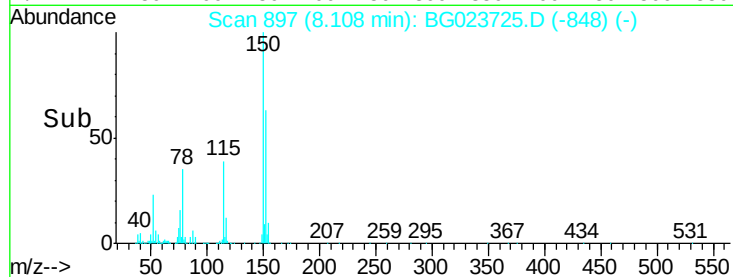
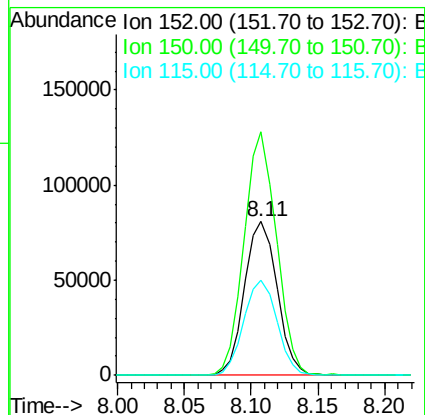
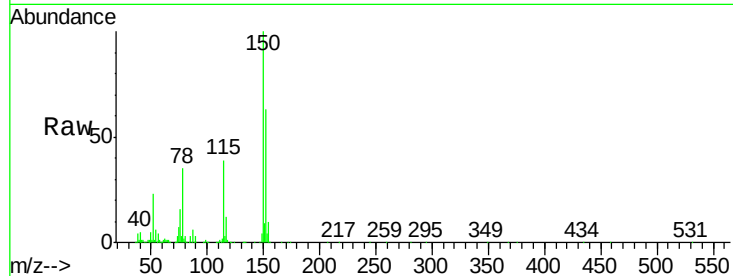


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

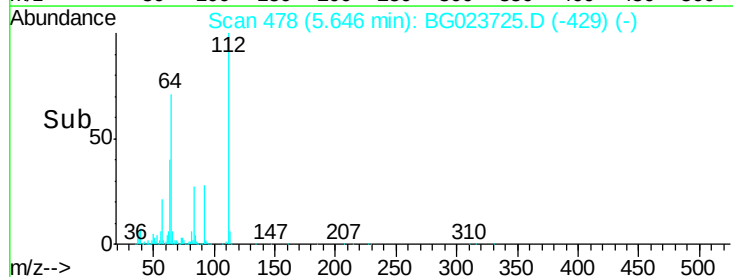
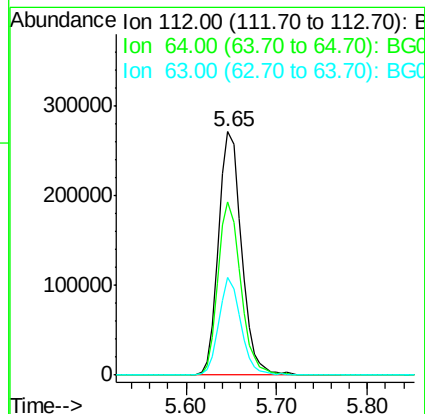
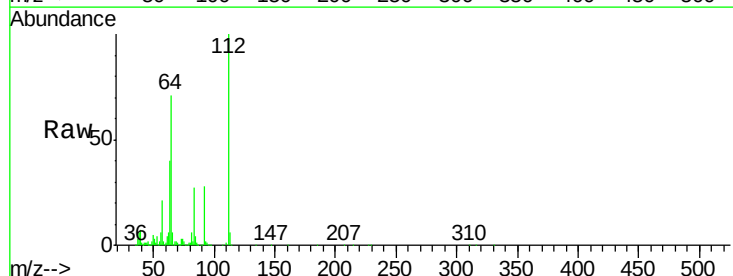
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	144.7	217.1
115	62.2	64.0	96.0

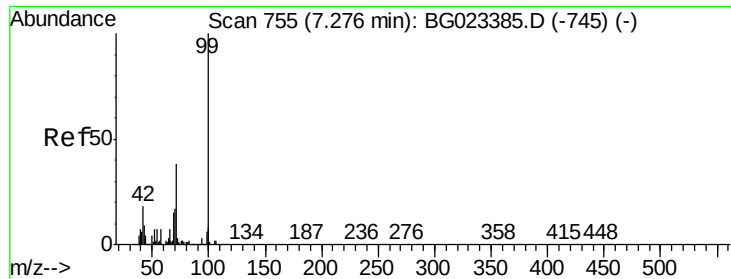


#5

2-Fluorophenol
Concen: 58.46 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	59.0	88.4
63	40.1	37.8	56.8





#7

Phenol-d6

Concen: 35.91 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023725.D

Acq: 15 Aug 2016 17:50

Instrument :

BNA_G

ClientSampleId :

MW-4

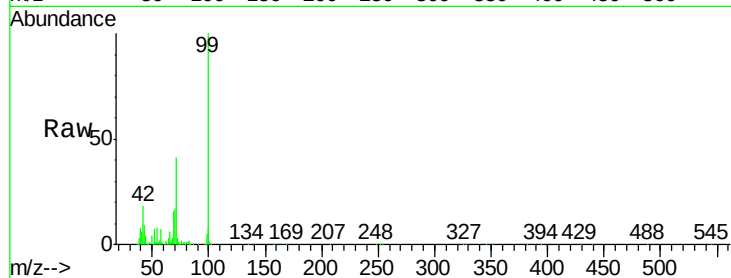
Tgt Ion: 99 Resp: 456444

Ion Ratio Lower Upper

99 100

42 17.7 17.8 26.6#

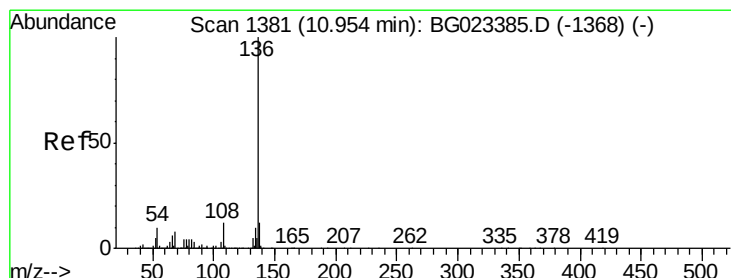
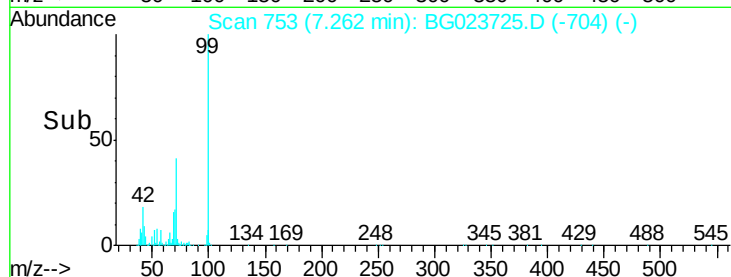
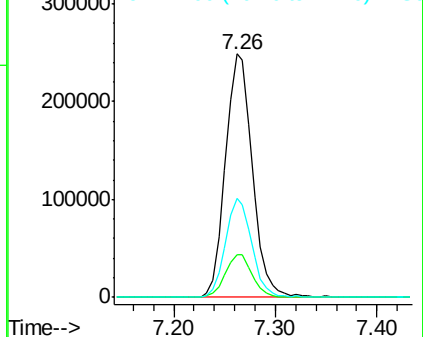
71 40.5 41.5 62.3#



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: 10.94 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG023725.D

Acq: 15 Aug 2016 17:50

Tgt Ion: 136 Resp: 641396

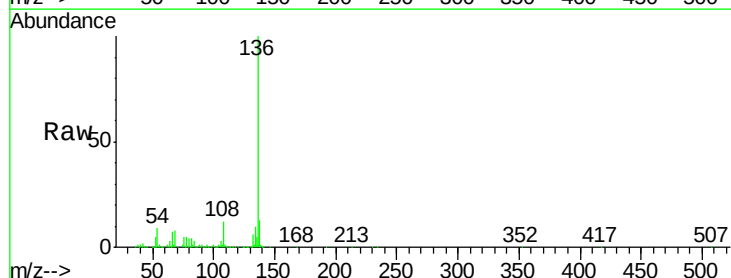
Ion Ratio Lower Upper

136 100

137 12.6 9.6 14.4

54 9.3 7.3 10.9

68 7.5 5.3 7.9

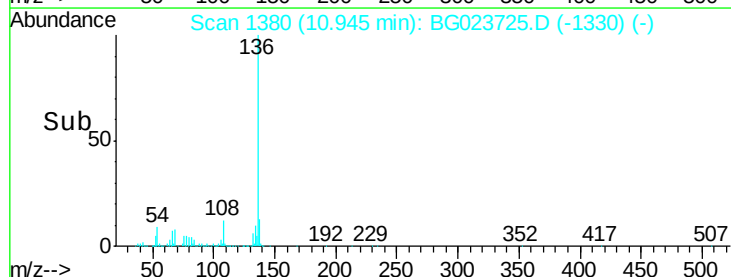
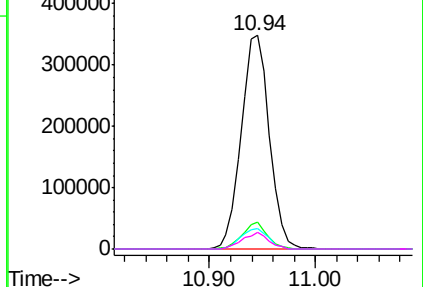


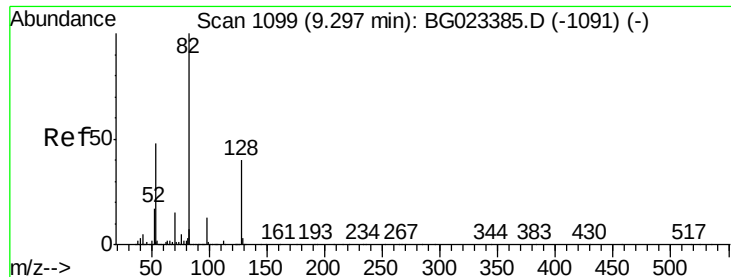
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

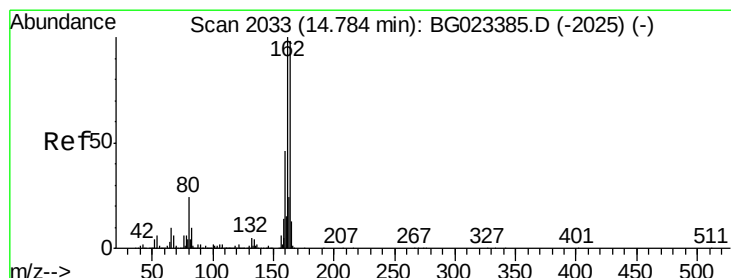
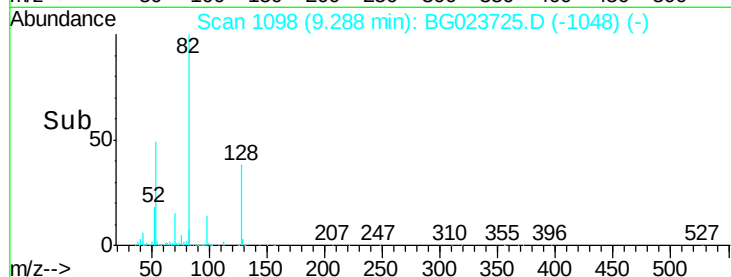
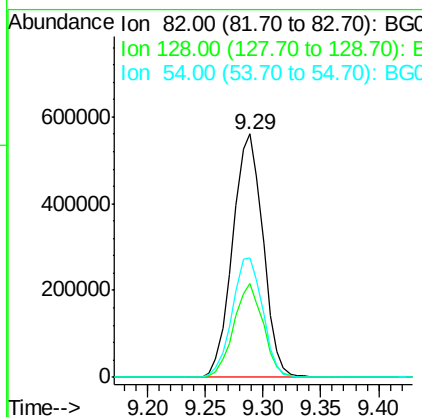
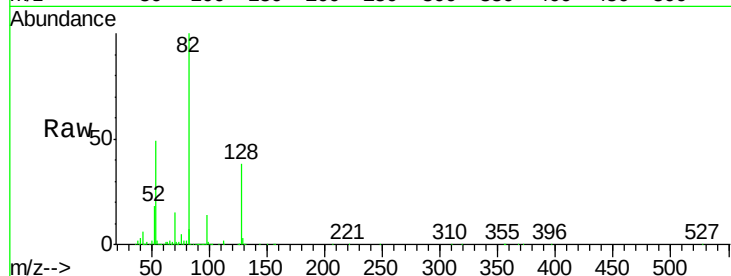




#23
 Nitrobenzene-d5
 Concen: 79.29 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023725.D
 Acq: 15 Aug 2016 17:50

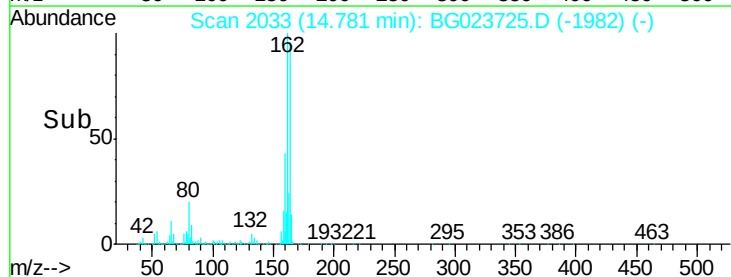
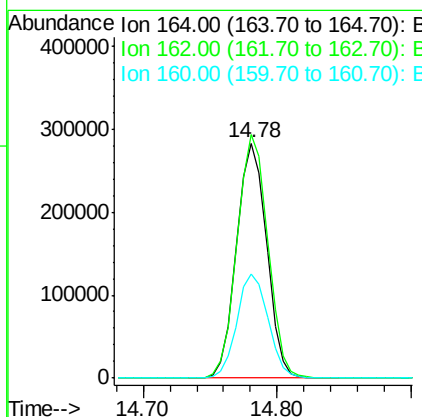
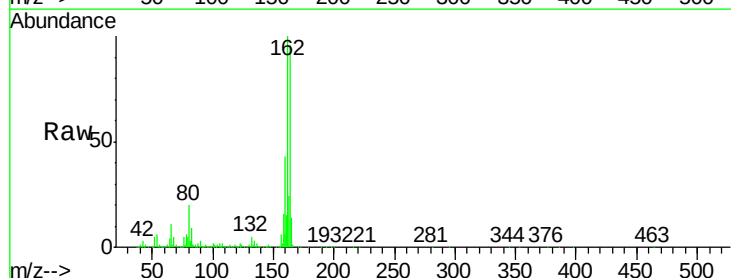
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

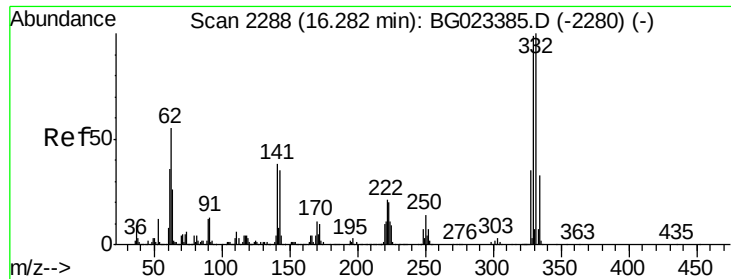
Tgt Ion: 82 Resp: 1022938
 Ion Ratio Lower Upper
 82 100
 128 38.3 24.4 36.6#
 54 49.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023725.D
 Acq: 15 Aug 2016 17:50

Tgt Ion: 164 Resp: 443973
 Ion Ratio Lower Upper
 164 100
 162 103.7 87.7 131.5
 160 44.4 37.2 55.8

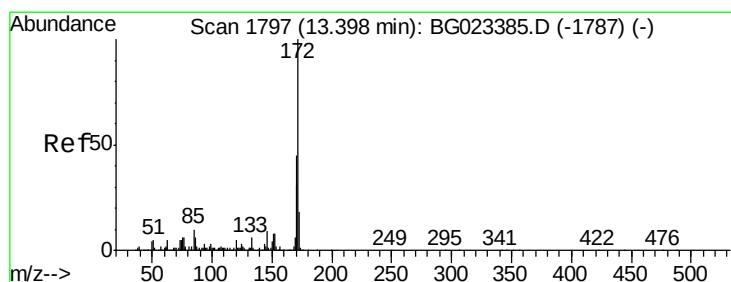
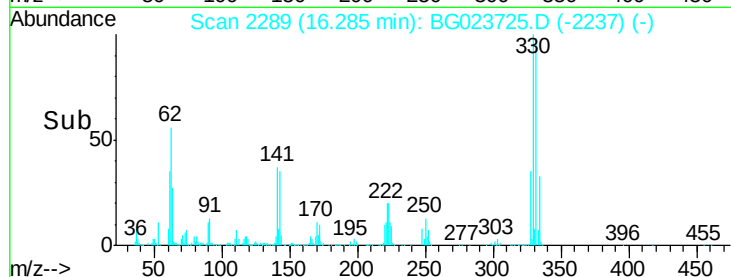
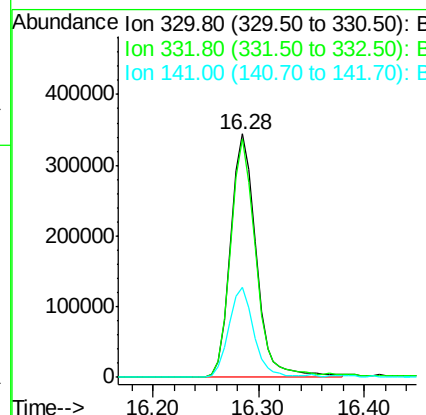
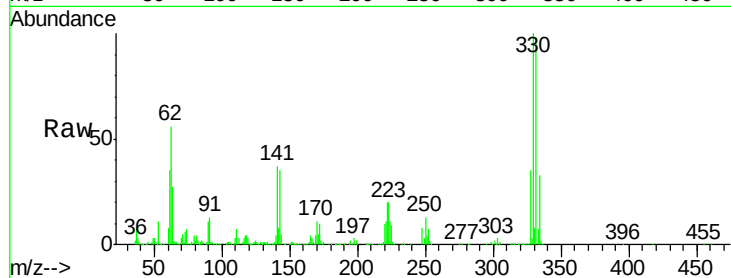




#41
 2,4,6-Tribromophenol
 Concen: 89.10 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023725.D
 Acq: 15 Aug 2016 17:50

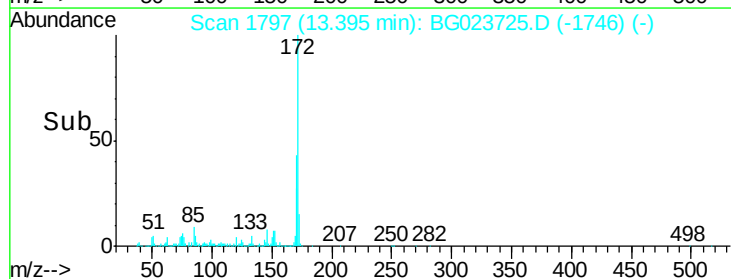
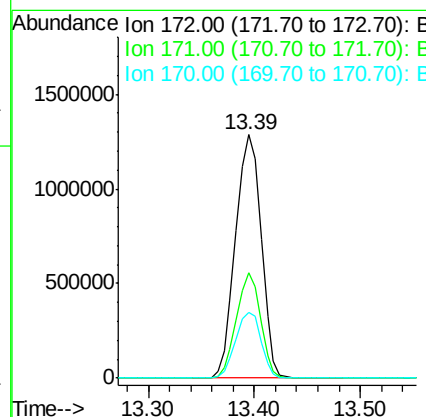
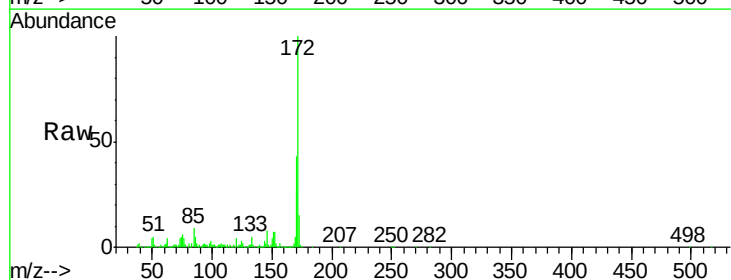
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

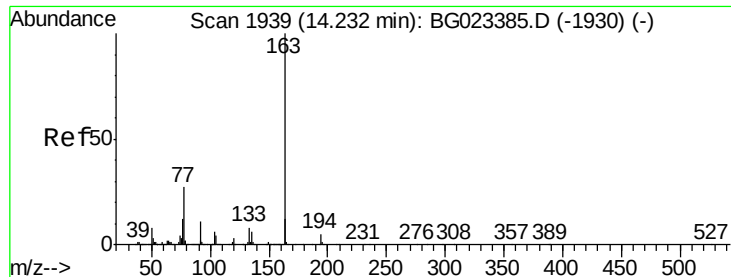
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.4	116.2
141	36.1	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 82.22 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023725.D
 Acq: 15 Aug 2016 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.0	31.6	47.4
170	27.2	21.3	31.9





#49

Dimethylphthalate

Concen: 9.07 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023725.D

Acq: 15 Aug 2016 17:50

Instrument :

BNA_G

ClientSampled :

MW-4

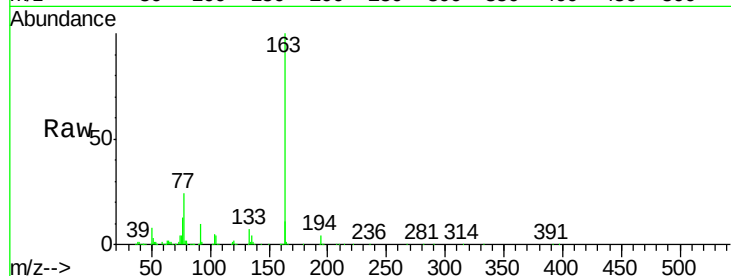
Tgt Ion:163 Resp: 309037

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

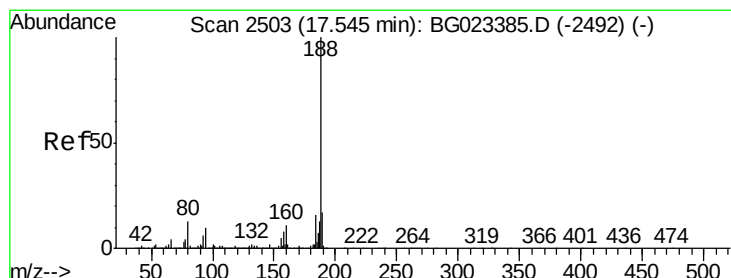
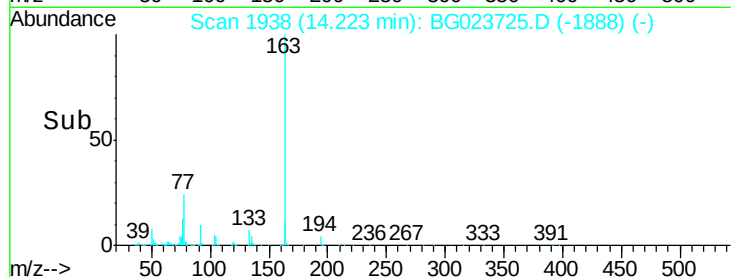
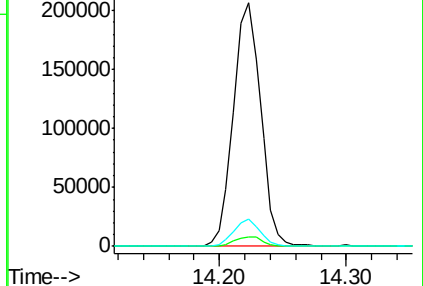
164 11.3 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023725.D

Acq: 15 Aug 2016 17:50

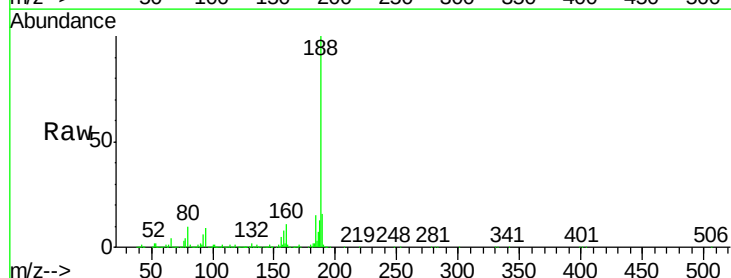
Tgt Ion:188 Resp: 899021

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

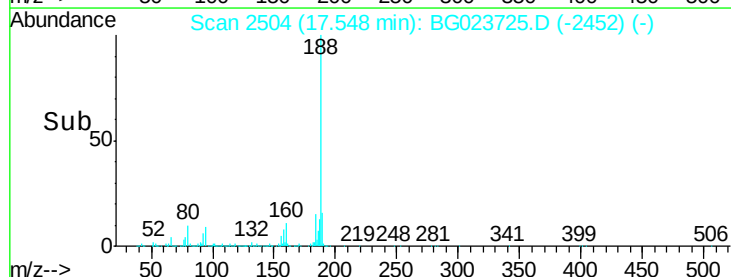
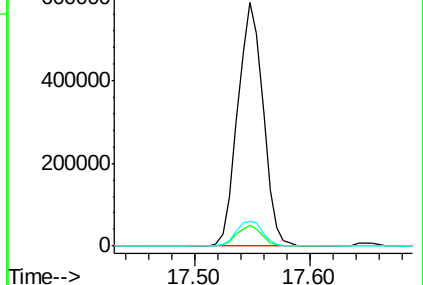
80 10.4 7.2 10.8

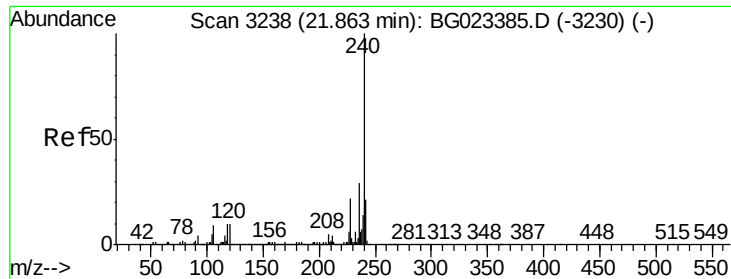


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

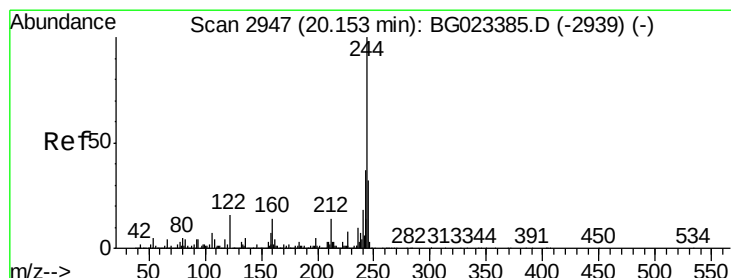
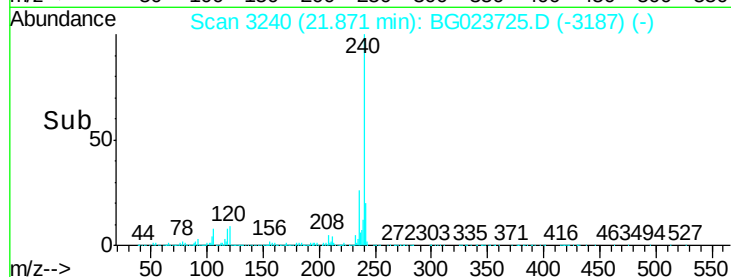
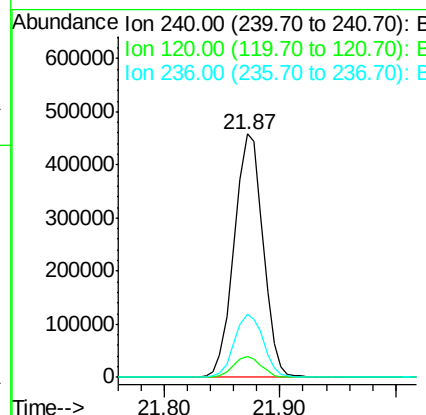
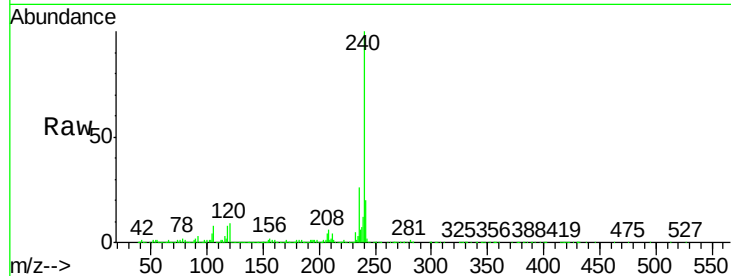




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

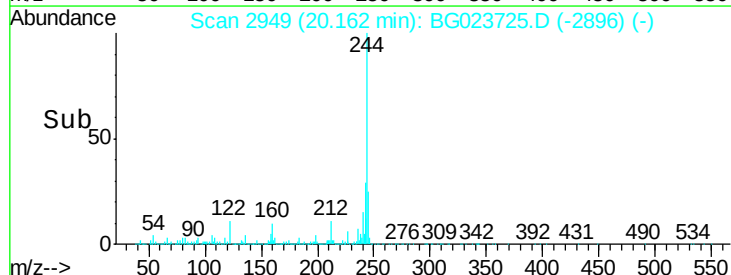
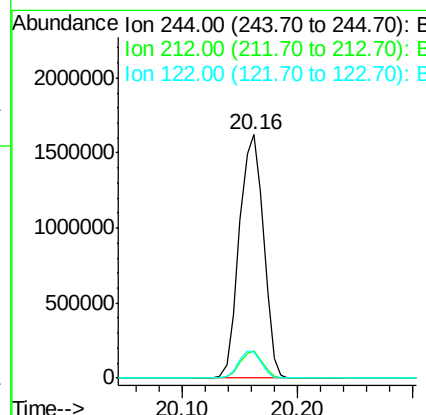
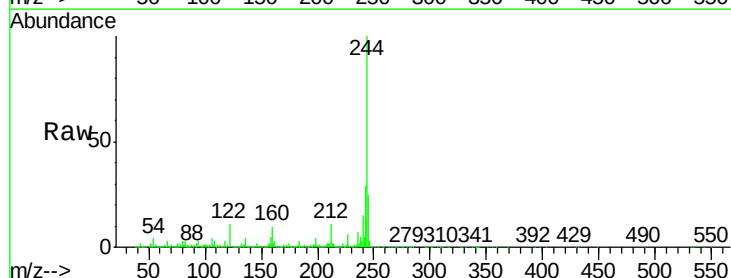
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BNA_G
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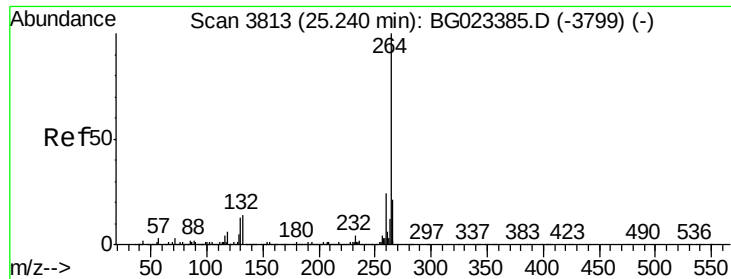
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.1	6.1#
236	26.0	21.1	31.7



#78
Terphenyl-d14
Concen: 95.52 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	10.6	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. 0.04 min
Lab File: BG023725.D
Acq: 15 Aug 2016 17:50

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.1	18.9	28.3

