

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023898.D
 Acq On : 25 Aug 2016 17:56
 Operator : UM/SJ
 Sample : H4592-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16

Quant Time: Aug 26 01:18:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

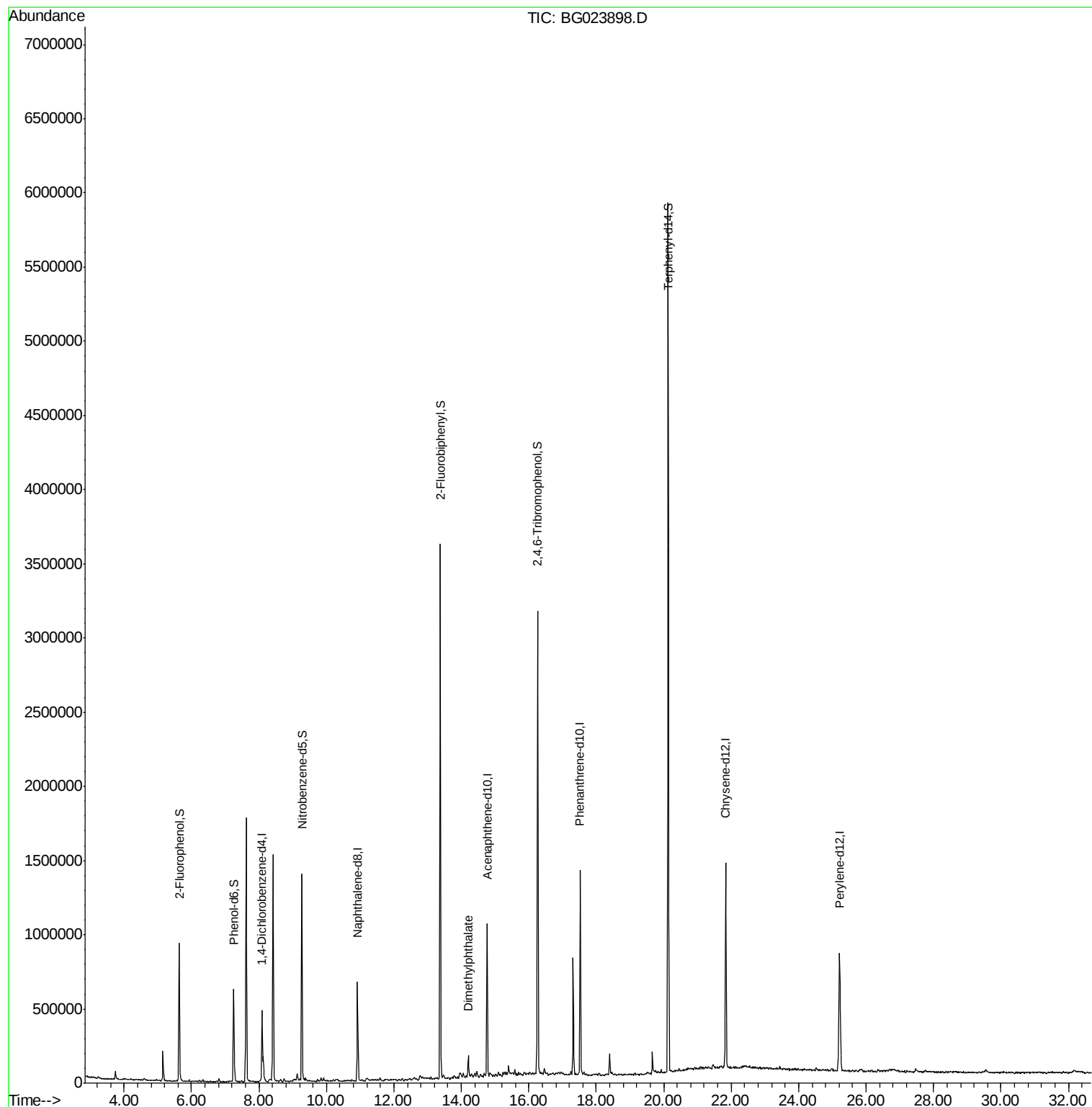
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	124110	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	549609	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	348582	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	811495	20.00	ng	0.00
75) Chrysene-d12	21.84	240	884984	20.00	ng	-0.01
86) Perylene-d12	25.21	264	888794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393051	53.31	ng	0.00
7) Phenol-d6	7.25	99	380992	33.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	898748	81.30	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	517624	101.52	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1725678	83.50	ng	0.00
78) Terphenyl-d14	20.13	244	2300420	80.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	101514	3.80	ng	Qvalue # 99

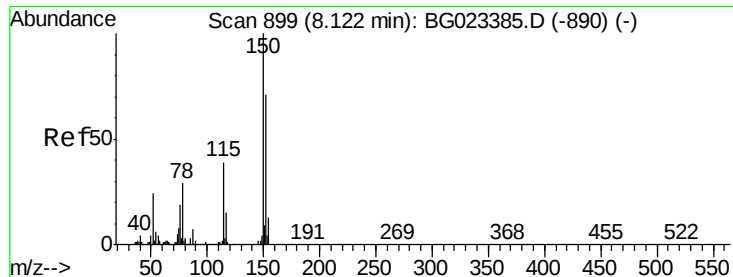
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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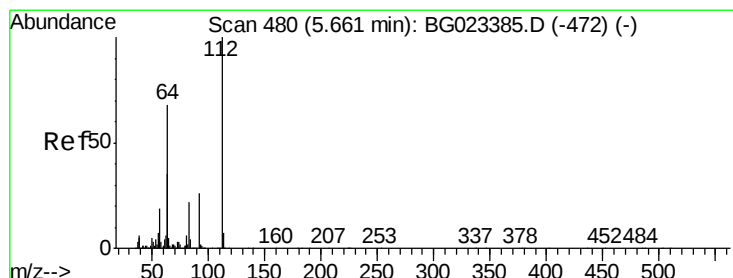
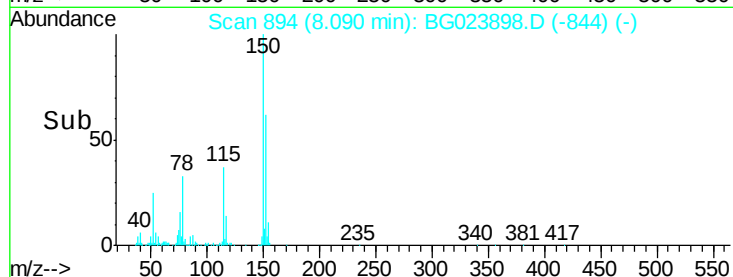
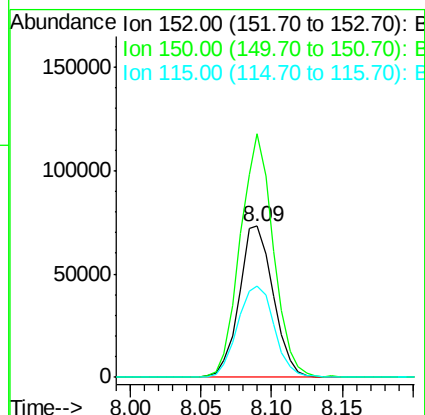
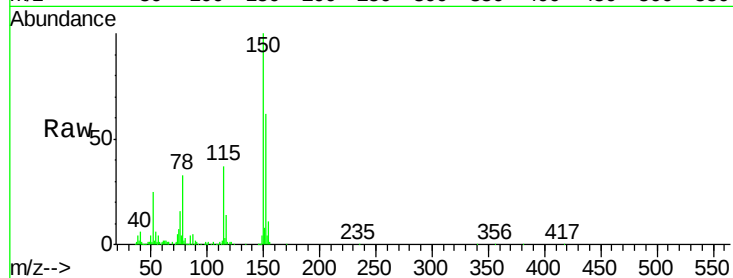


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023898.D
Acq: 25 Aug 2016 17:56

Instrument :
BNA_G
ClientSampleId :
MW-16

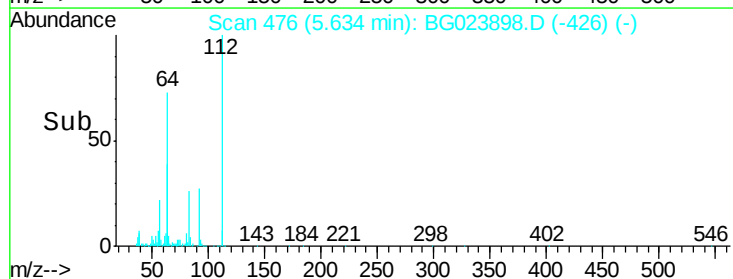
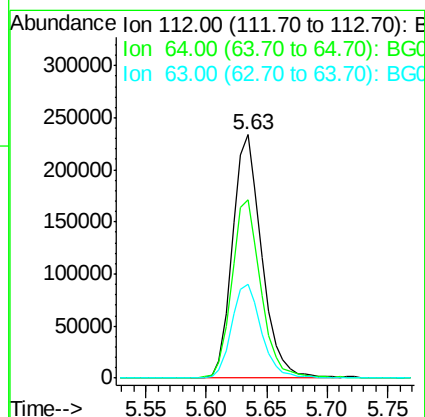
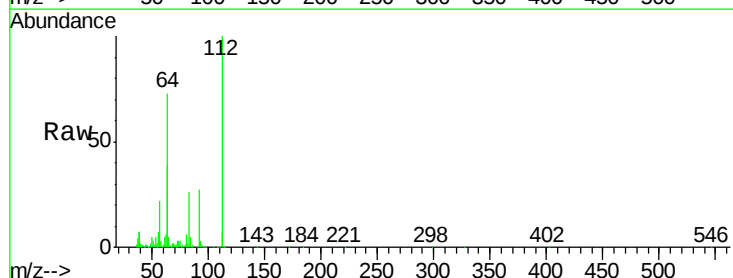
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	144.7	217.1
115	60.0	64.0	96.0

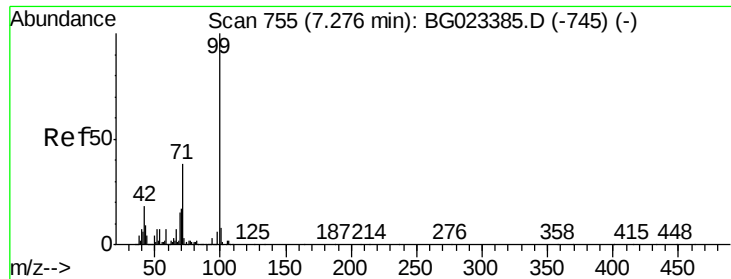


#5

2-Fluorophenol
Concen: 53.31 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023898.D
Acq: 25 Aug 2016 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	59.0	88.4
63	38.8	37.8	56.8





#7

Phenol-d6

Concen: 33.18 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

Instrument :

BNA_G

ClientSampled :

MW-16

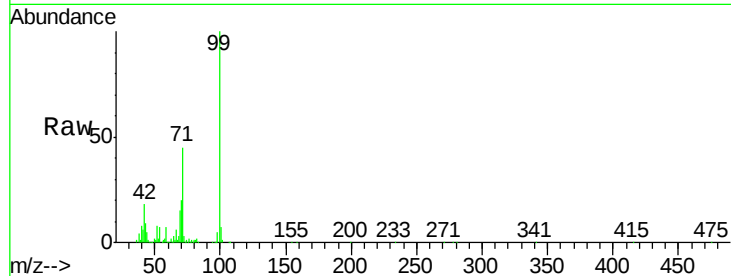
Tgt Ion: 99 Resp: 380992

Ion Ratio Lower Upper

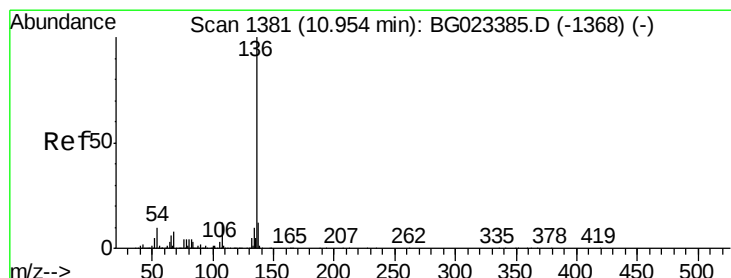
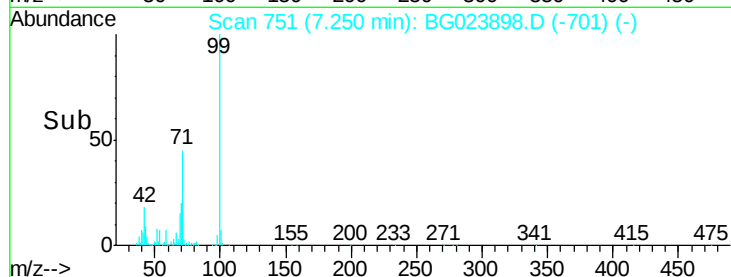
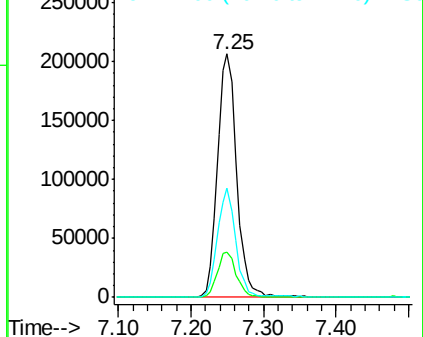
99 100

42 18.3 17.8 26.6

71 44.7 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# 1377

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

Tgt Ion: 136 Resp: 549609

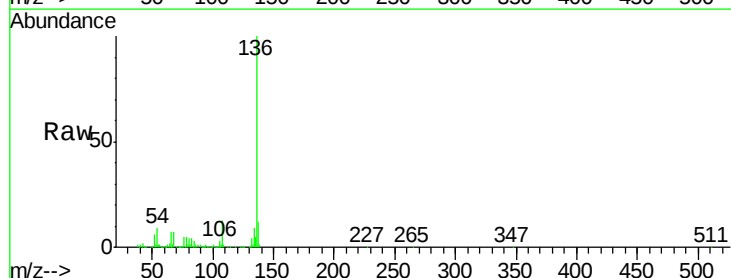
Ion Ratio Lower Upper

136 100

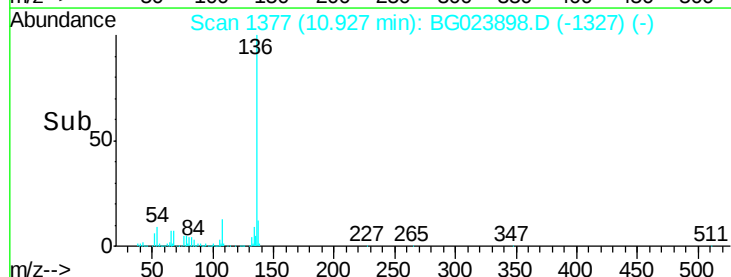
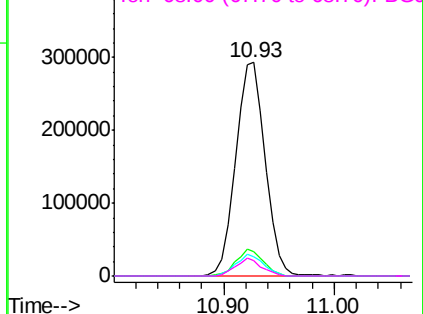
137 11.6 9.6 14.4

54 8.7 7.3 10.9

68 7.1 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

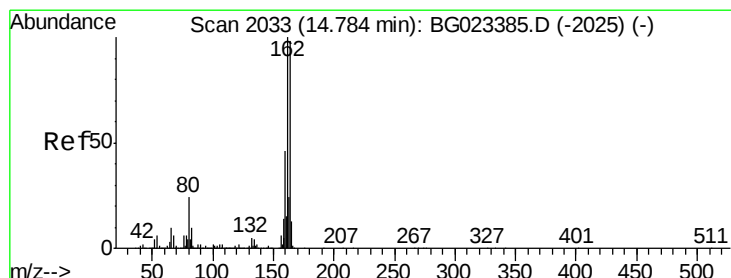
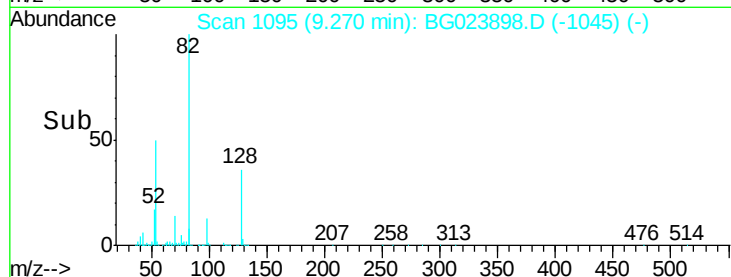
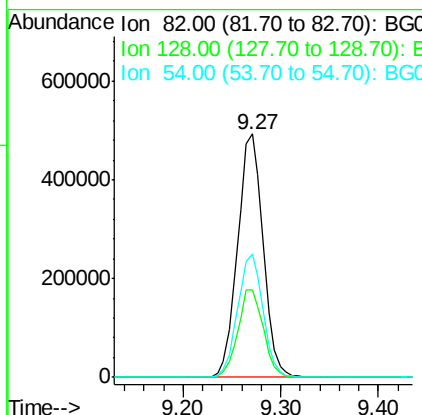
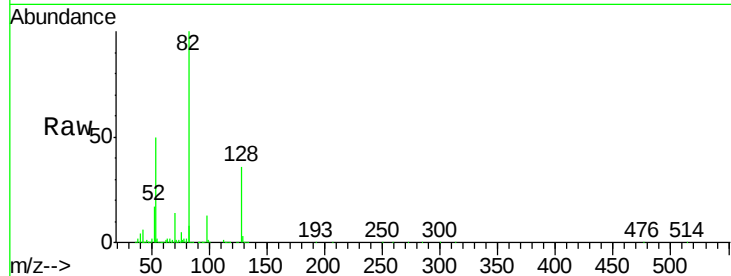




#23
 Nitrobenzene-d5
 Concen: 81.30 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023898.D
 Acq: 25 Aug 2016 17:56

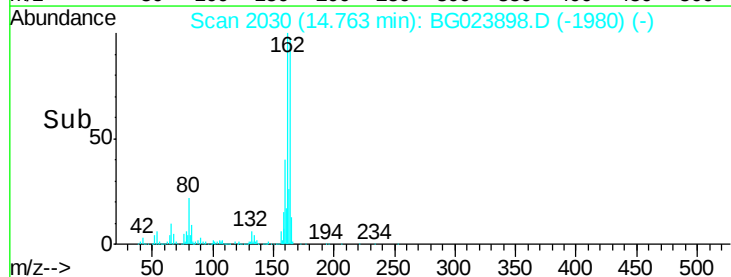
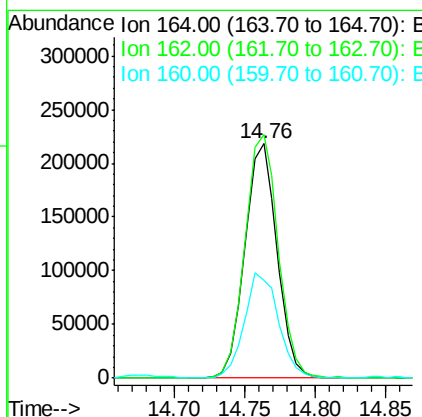
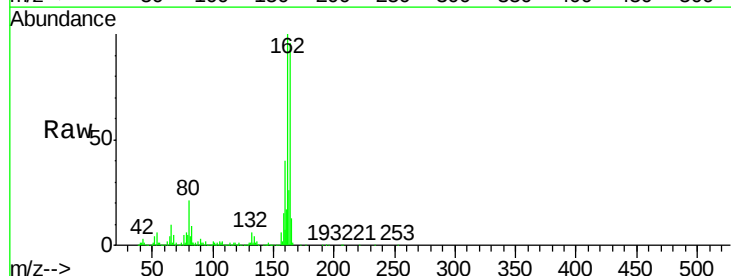
Instrument :
 BNA_G
 ClientSampleId :
 MW-16

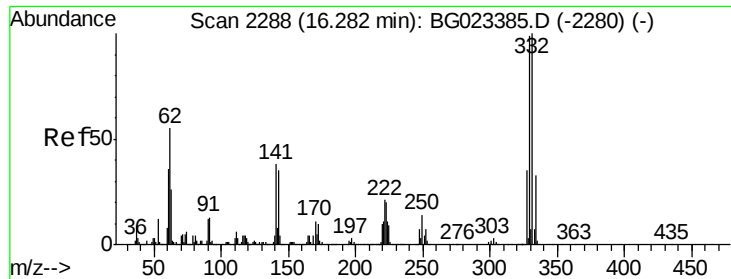
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	24.4	36.6
54	50.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023898.D
 Acq: 25 Aug 2016 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	87.7	131.5
160	41.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 101.52 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

Instrument :

BNA_G

ClientSampleId :

MW-16

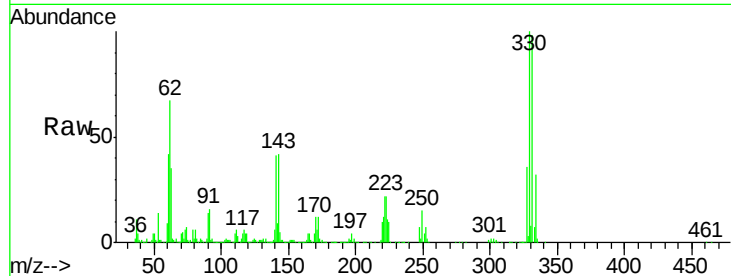
Tgt Ion:330 Resp: 517624

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

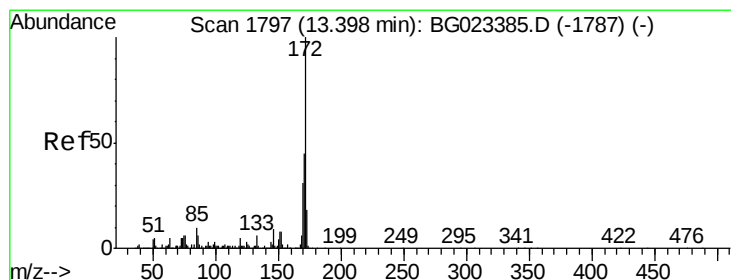
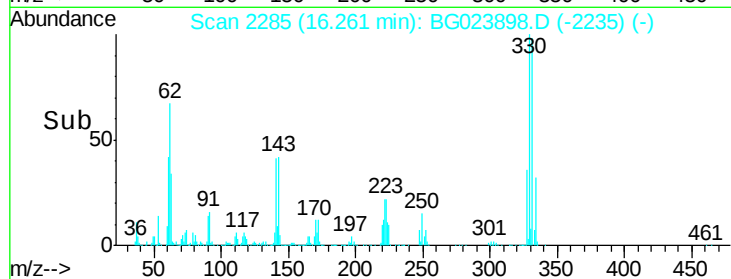
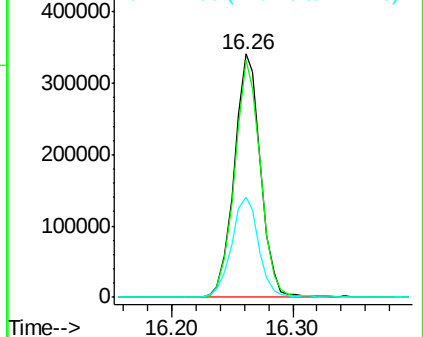
141 42.6 31.7 47.5



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: 83.50 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

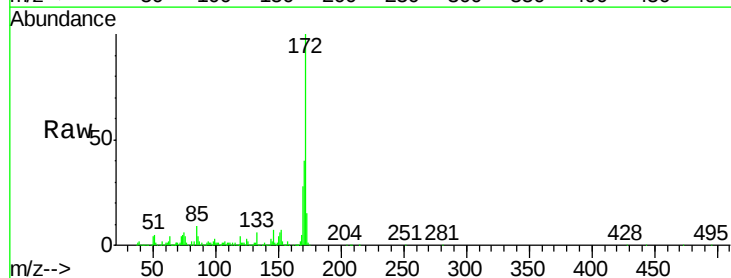
Tgt Ion:172 Resp: 1725678

Ion Ratio Lower Upper

172 100

171 39.8 31.6 47.4

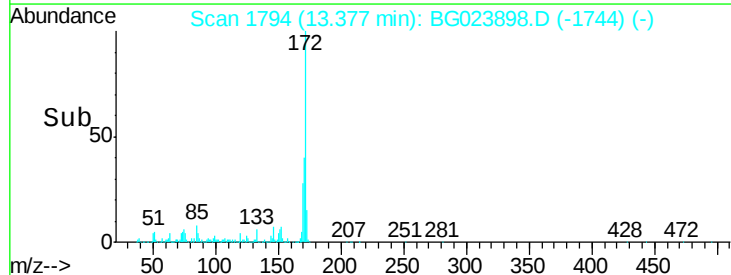
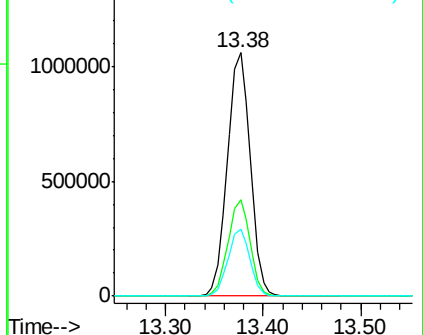
170 27.6 21.3 31.9

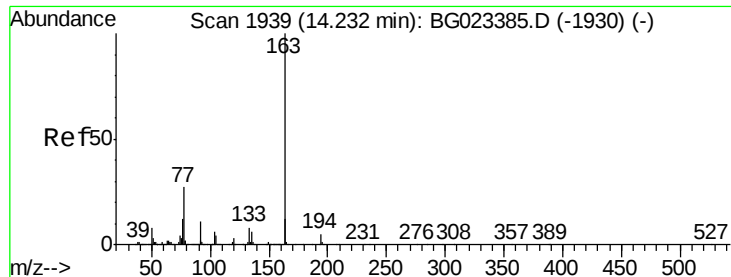


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.80 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

Instrument :

BNA_G

ClientSampleId :

MW-16

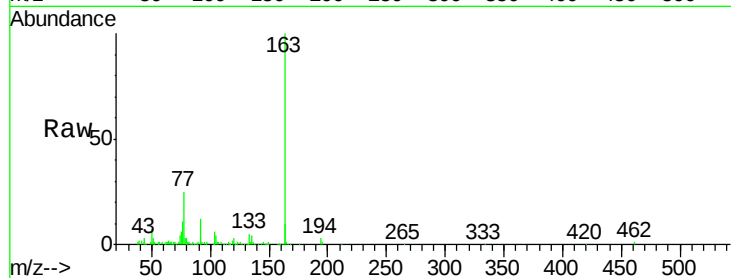
Tgt Ion:163 Resp: 101514

Ion Ratio Lower Upper

163 100

194 3.1 3.6 5.4#

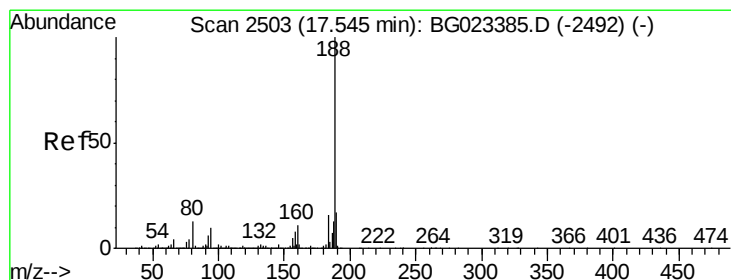
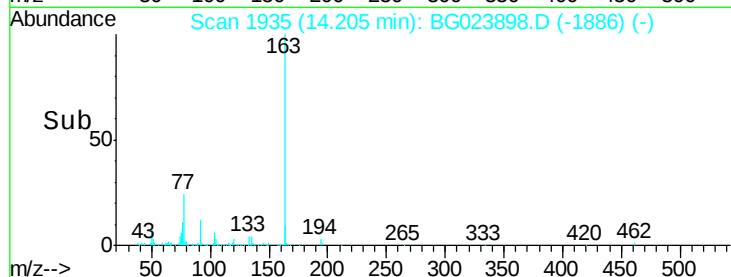
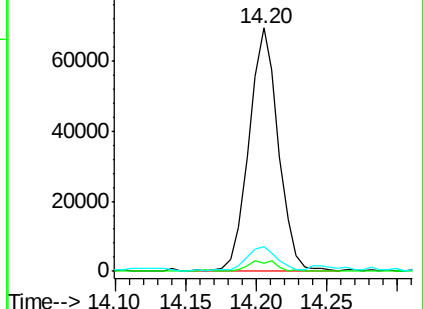
164 10.0 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023898.D

Acq: 25 Aug 2016 17:56

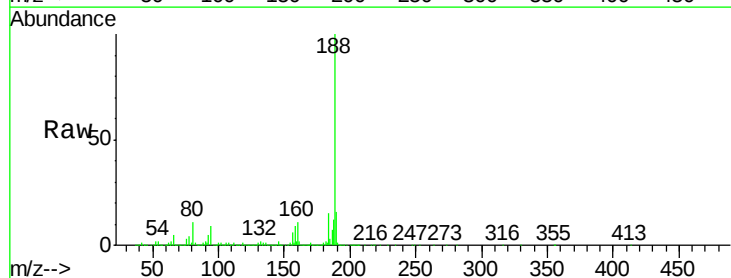
Tgt Ion:188 Resp: 811495

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

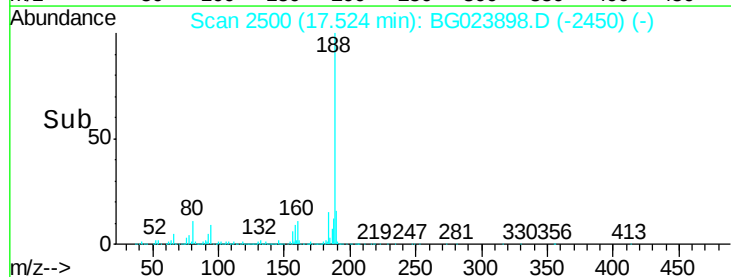
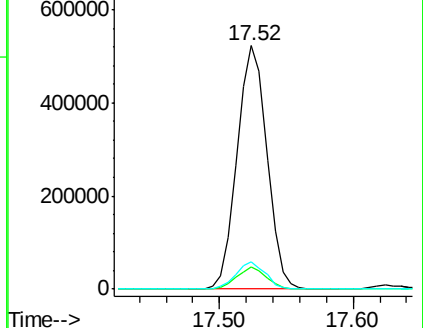
80 11.4 7.2 10.8#

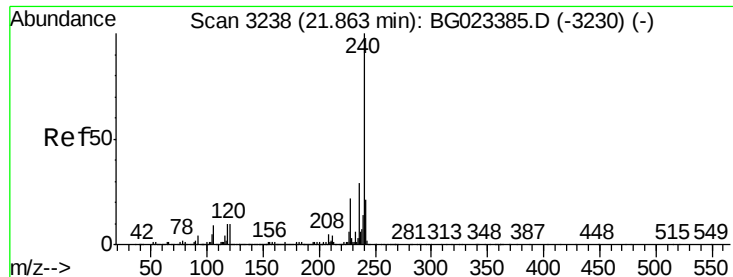


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

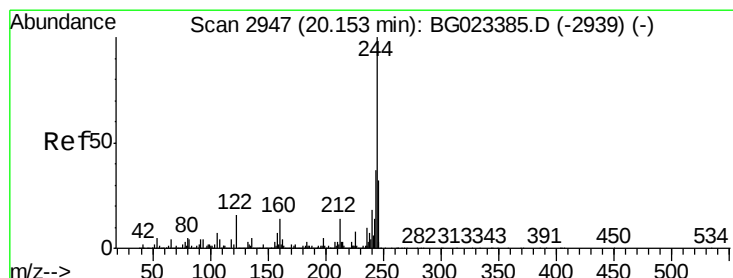
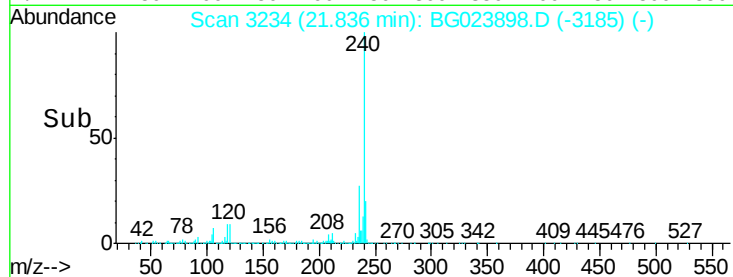
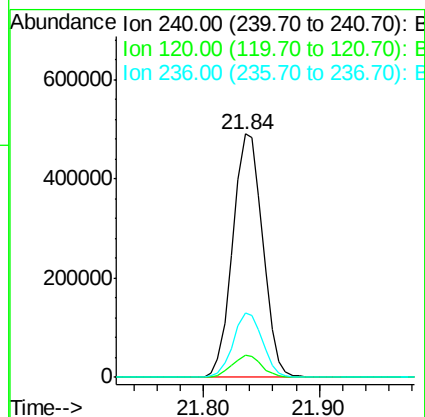
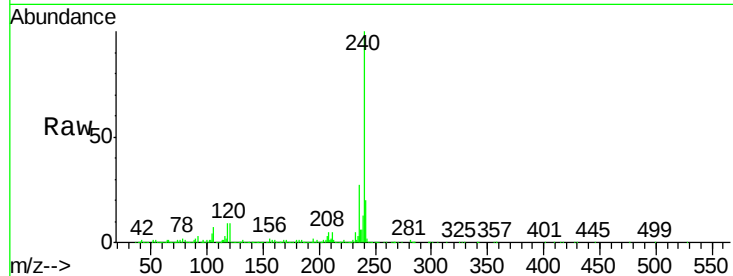




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BG023898.D
Acq: 25 Aug 2016 17:56

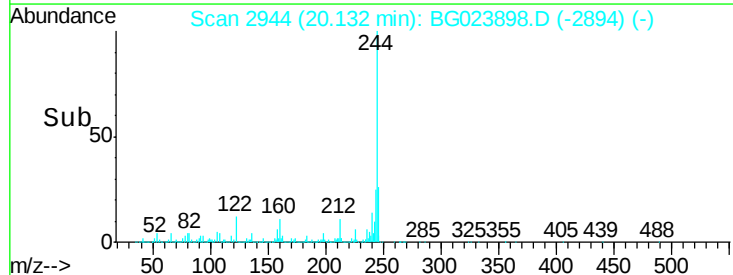
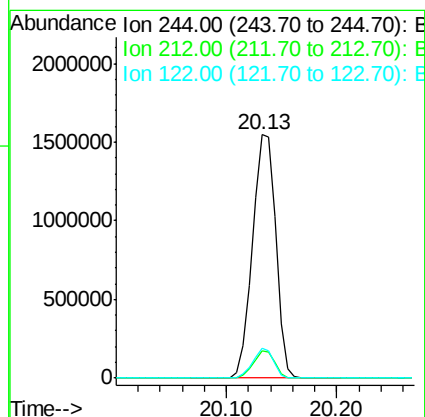
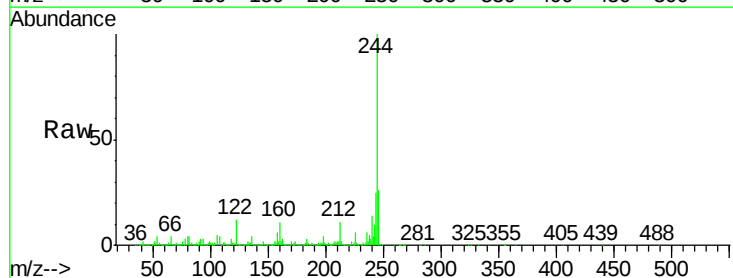
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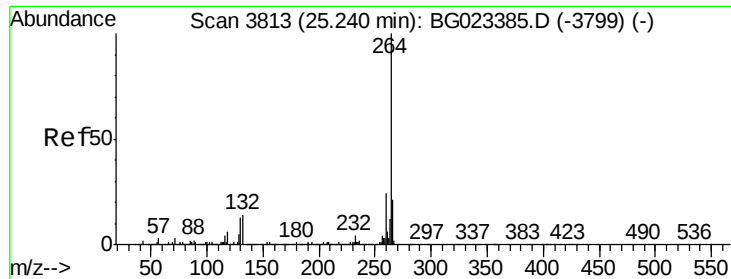
Tgt Ion:240 Resp: 884984
Ion Ratio Lower Upper
240 100
120 9.0 4.1 6.1#
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 80.28 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG023898.D
Acq: 25 Aug 2016 17:56

Tgt Ion:244 Resp: 2300420
Ion Ratio Lower Upper
244 100
212 11.4 10.8 16.2
122 12.4 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3809
Delta R.T. -0.01 min
Lab File: BG023898.D
Acq: 25 Aug 2016 17:56

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 888794
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.6 18.9 28.3

