

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080906.D
 Acq On : 7 Aug 2015 1:09
 Operator : TP/UM
 Sample : G3196-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:40 AM

Quant Time: Aug 07 17:51:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62139	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	237974	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	117023	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	213608	20.00	ng	0.00
75) Chrysene-d12	13.95	240	189471	20.00	ng	-0.01
86) Perylene-d12	15.36	264	142728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	177514	45.54	ng	0.00
7) Phenol-d6	6.43	99	165757	30.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	314284	62.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	146484	116.54	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	599531	73.02	ng	0.00
78) Terphenyl-d14	12.91	244	595536	66.27	ng	0.00
Target Compounds						
22) Acetophenone	7.22	105	12180m	2.05	ng	Qvalue
49) Dimethylphthalate	9.56	163	22929	2.47	ng	96

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

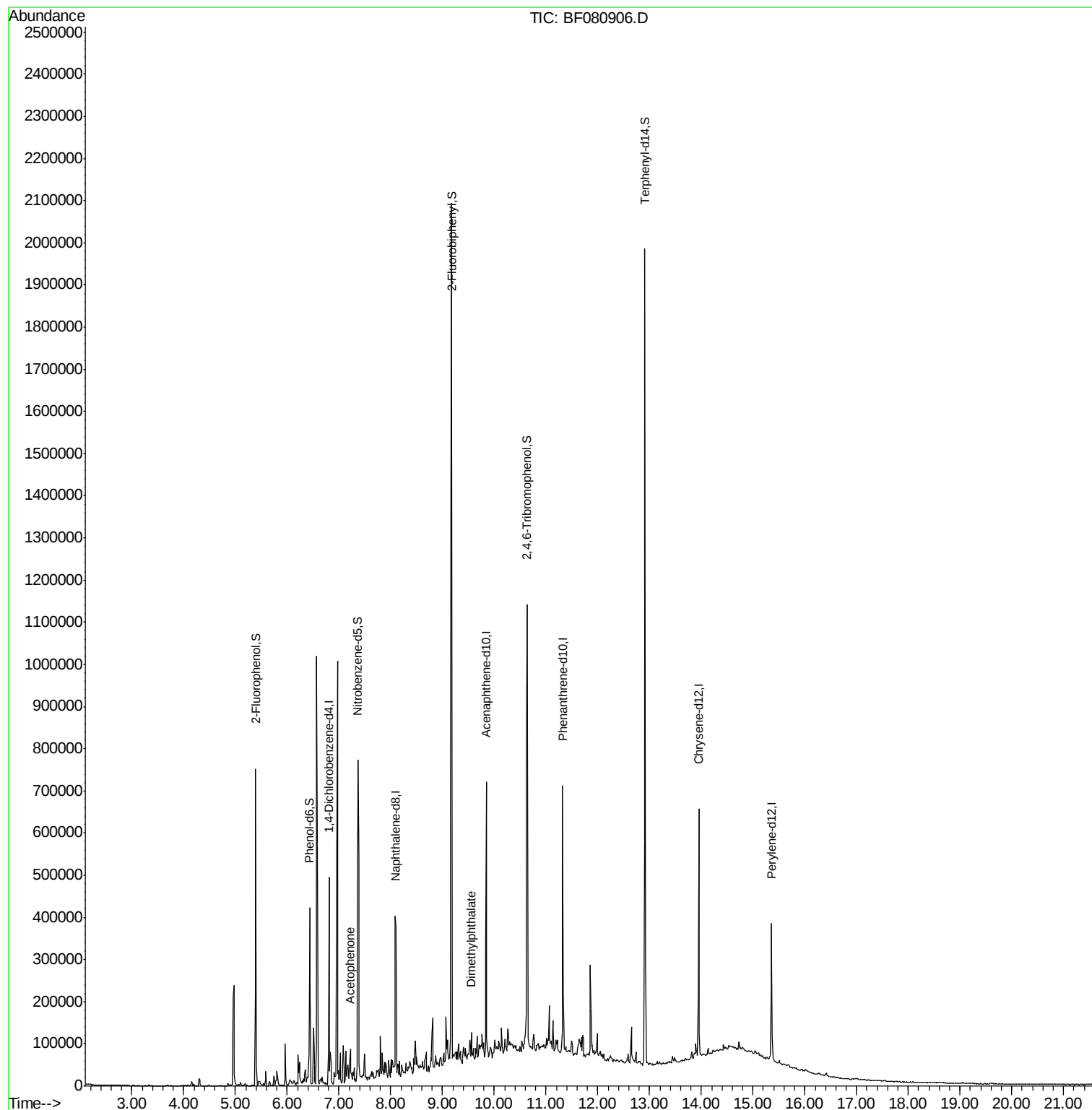
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080906.D
Acq On : 7 Aug 2015 1:09
Operator : TP/UM
Sample : G3196-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

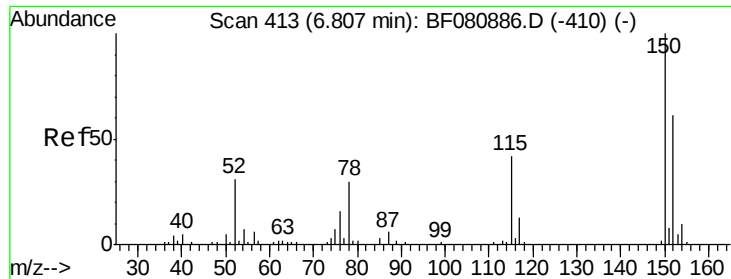
Instrument :
BNA_F
ClientSampleId :
MW-2

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8/10/2015 10:15:40 AM

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
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Response via : Initial Calibration





#1

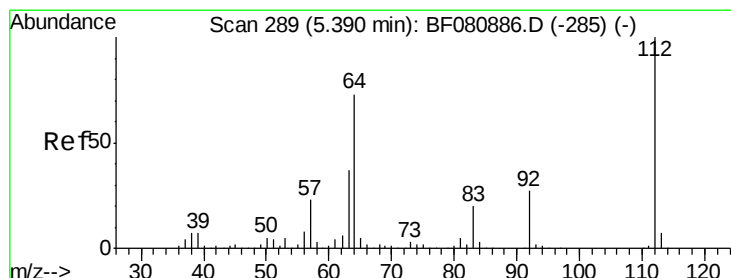
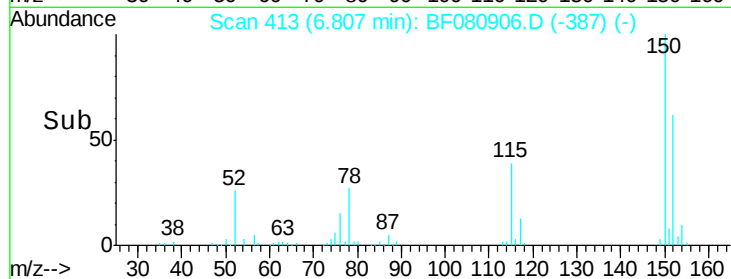
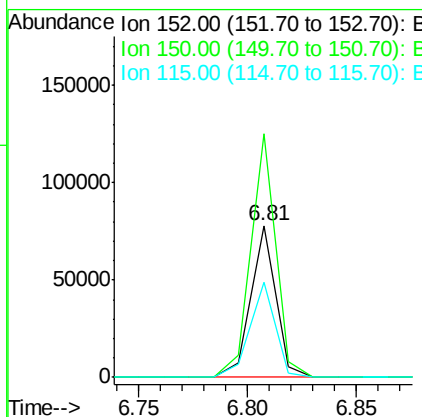
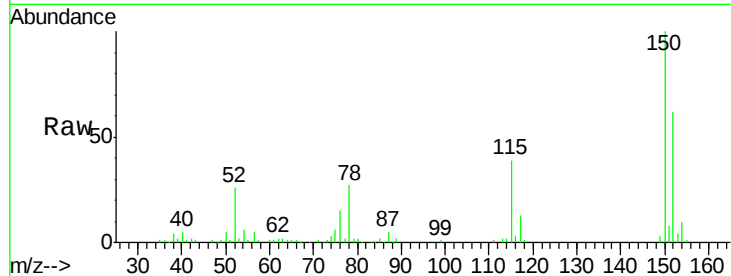
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	132.2	198.2
115	62.9	54.9	82.3

Manual Integrations
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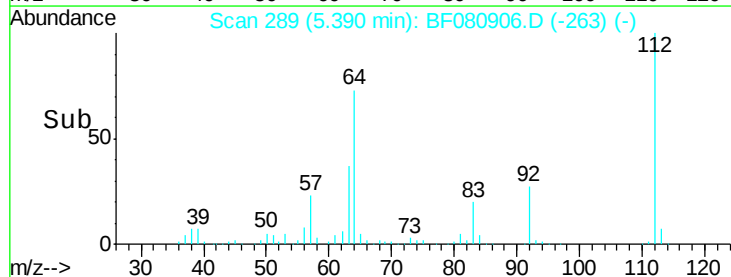
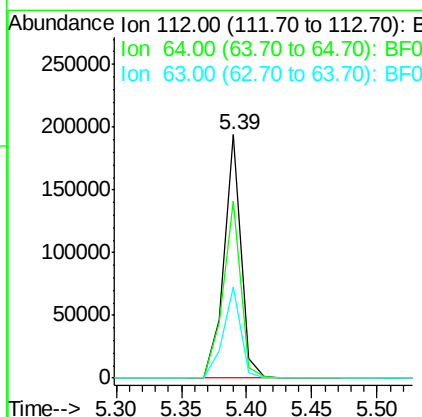
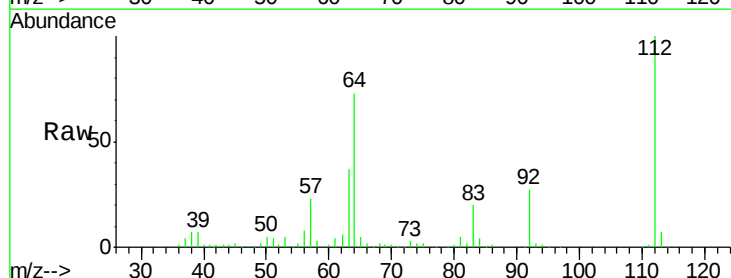
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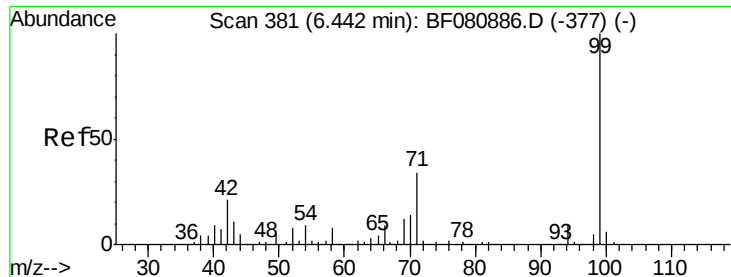


#5

2-Fluorophenol
Concen: 45.54 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	58.0	87.0
63	37.2	29.8	44.8





#7

Phenol-d6

Concen: 30.89 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

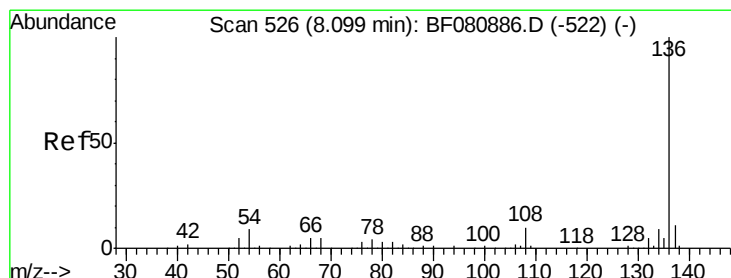
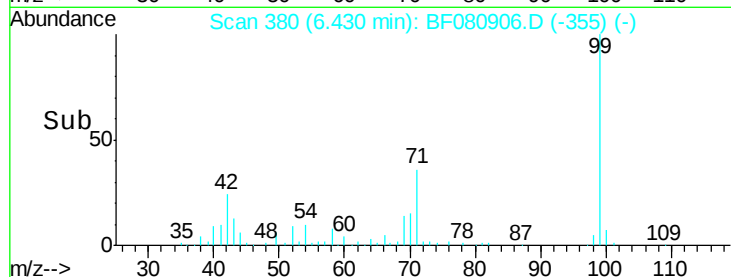
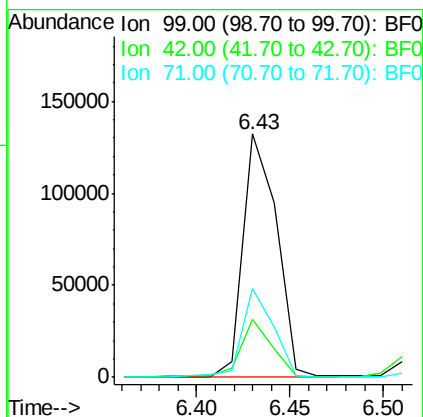
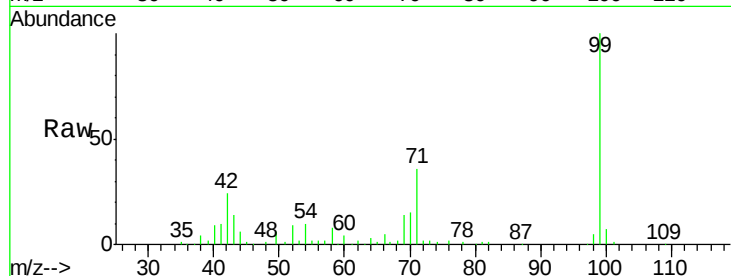
ClientSampleId :

MW-2

Tot Ion:	99	Resp:	165757
Ion Ratio	Lower	Upper	
99	100		
42	23.8	16.8	25.2
71	36.2	27.4	41.0

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#21

Naphthalene-d8

Concen: 20.00 ng

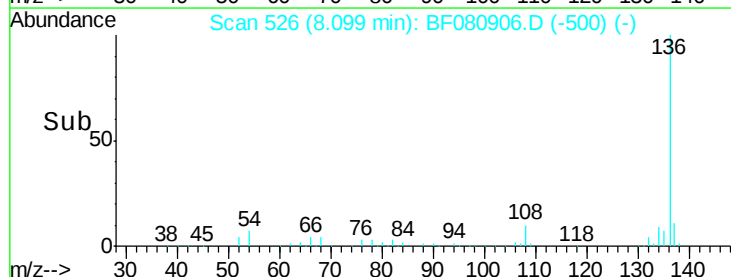
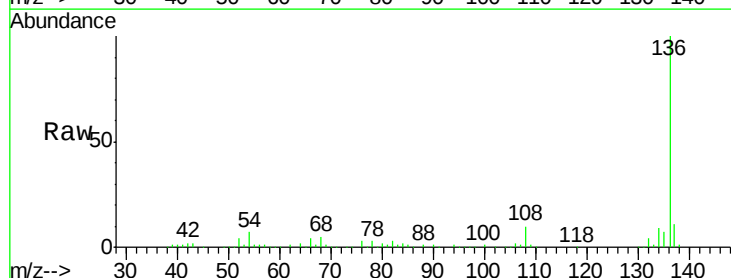
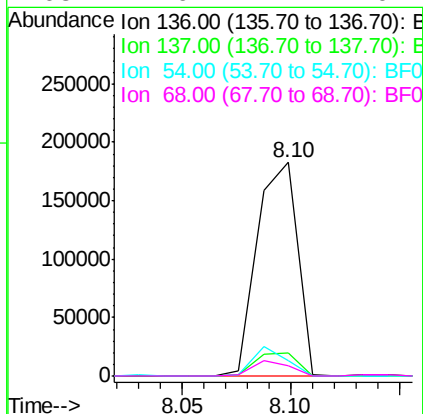
RT: 8.10 min Scan# 526

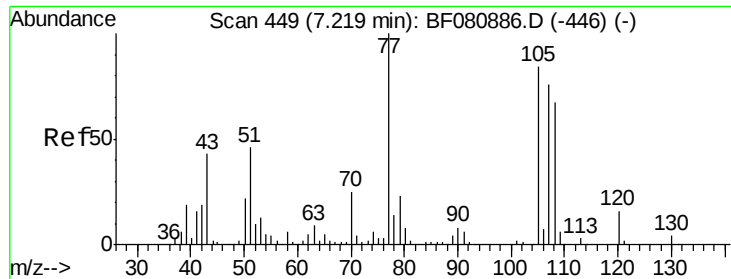
Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Tgt Ion:	136	Resp:	237974
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	7.4	7.5	11.3#
68	4.6	4.2	6.2





#22

Acetophenone

Concen: 2.05 ng/ml

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080906.D

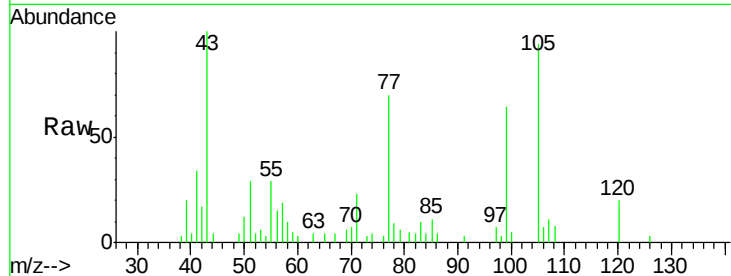
Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

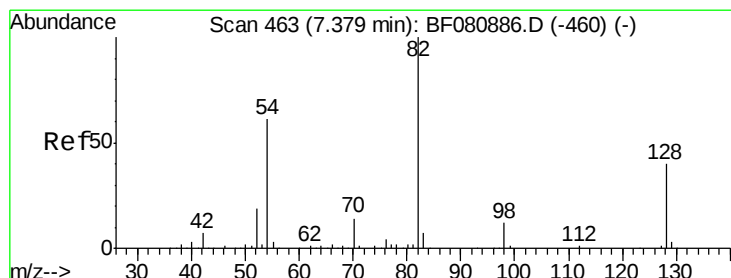
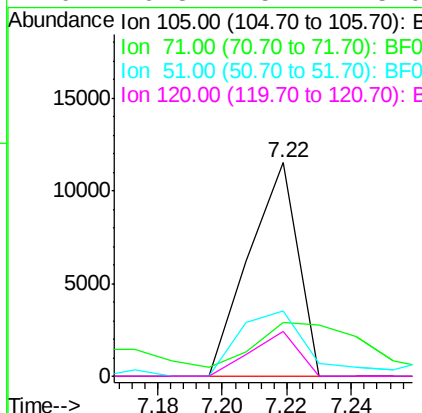
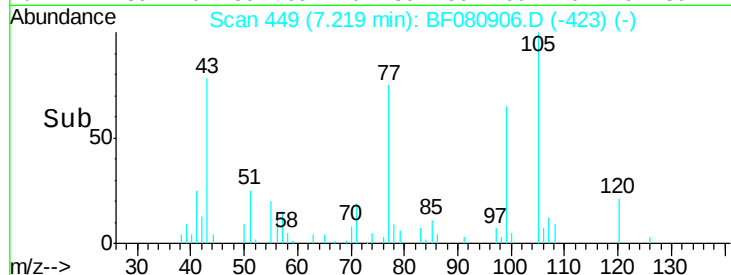
MW-2



Tot Ion:	105	Resp:	12180
Ion Ratio	Lower	Upper	
105	100		
71	24.9	3.8	5.8#
51	30.3	44.2	66.4#
120	20.8	15.4	23.0

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#23

Nitrobenzene-d5

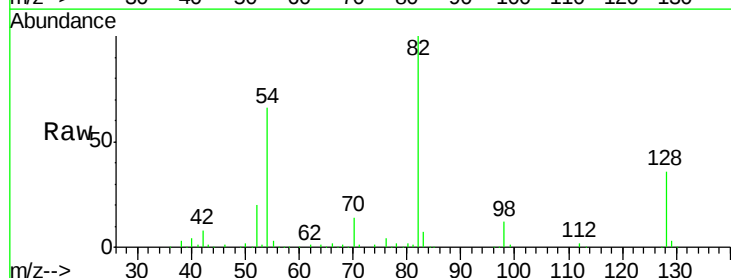
Concen: 62.21 ng

RT: 7.37 min Scan# 462

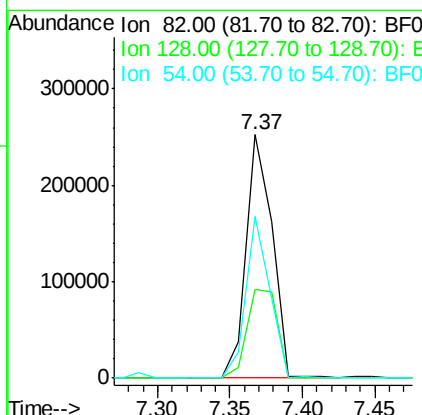
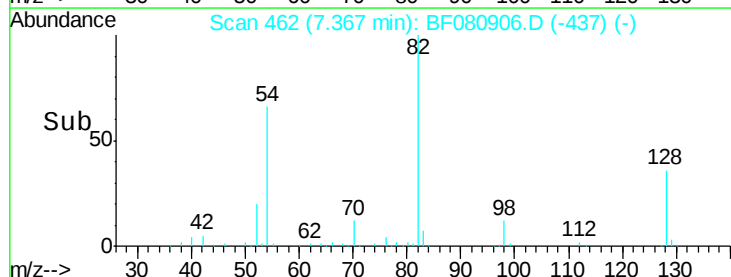
Delta R.T. -0.01 min

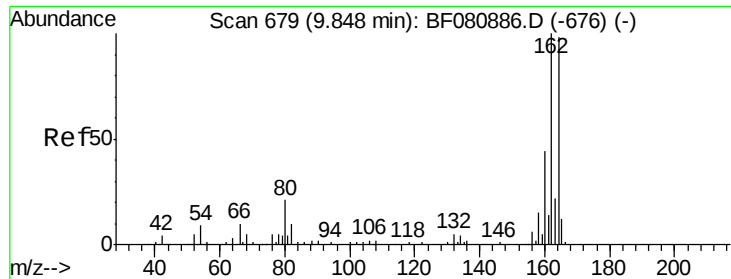
Lab File: BF080906.D

Acq: 7 Aug 2015 1:09



Tgt Ion:	82	Resp:	314284
Ion Ratio	Lower	Upper	
82	100		
128	36.3	31.8	47.6
54	66.3	48.6	72.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

ClientSampleId :

MW-2

Tot Ion:164 Resp: 117023

Ion Ratio Lower Upper

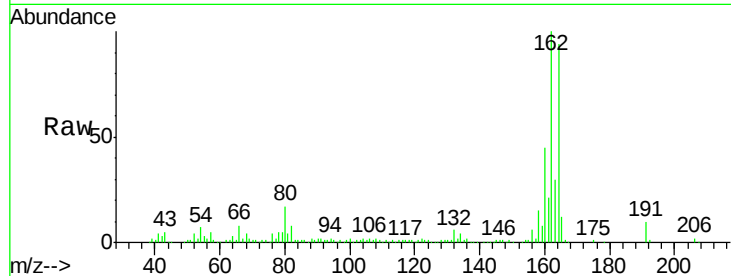
164 100

162 105.9 81.5 122.3

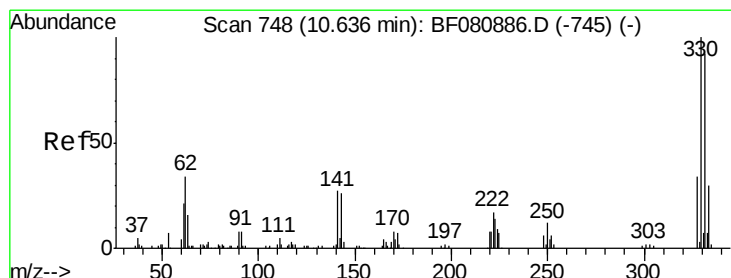
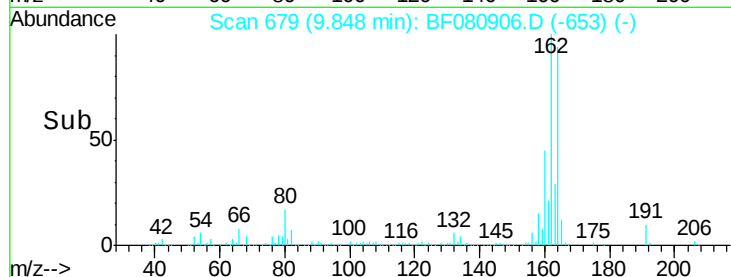
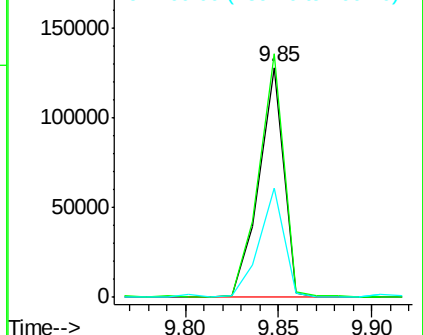
160 47.4 35.9 53.9

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



#41

2,4,6-Tribromophenol

Concen: 116.54 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

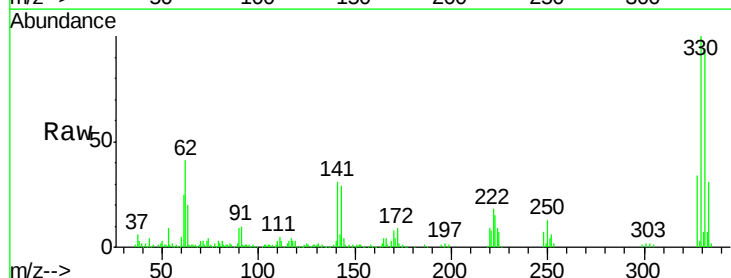
Tgt Ion:330 Resp: 146484

Ion Ratio Lower Upper

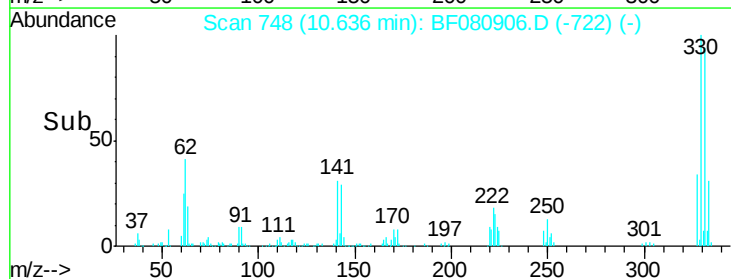
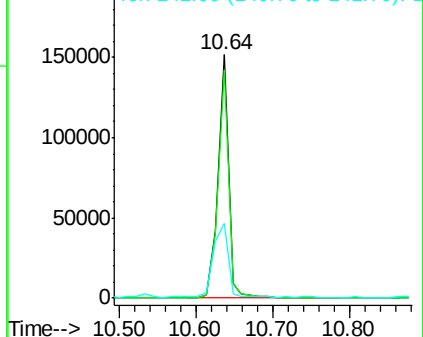
330 100

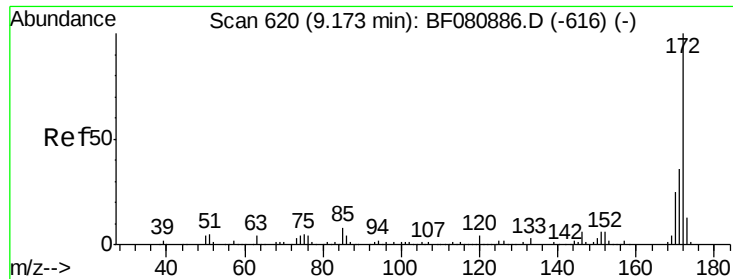
332 93.9 74.1 111.1

141 41.5 30.1 45.1



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





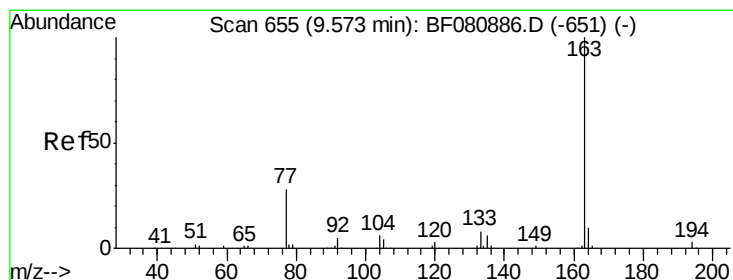
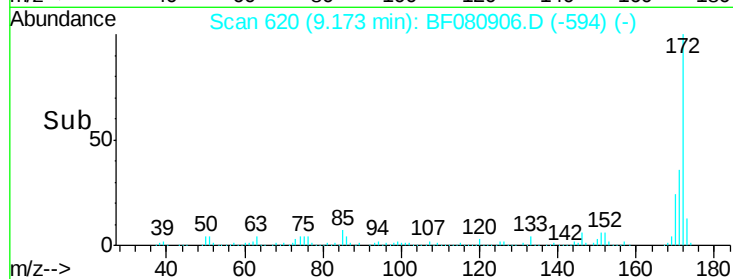
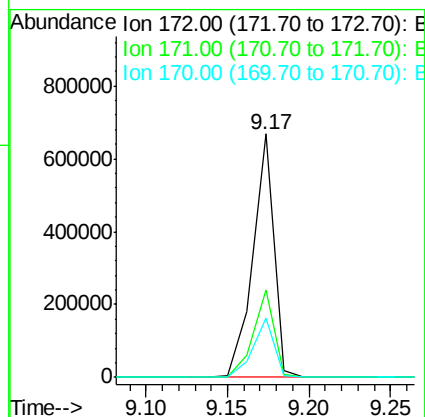
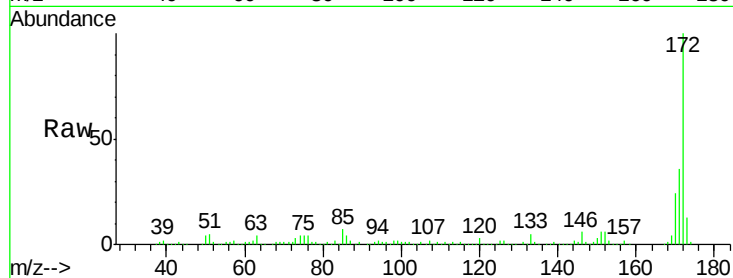
#44
2-Fluorobiphenyl
Concen: 73.02 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	19.9	29.9

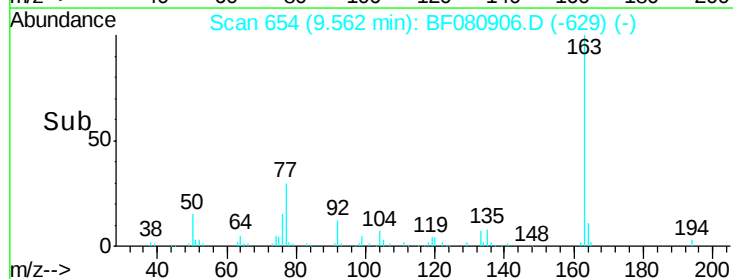
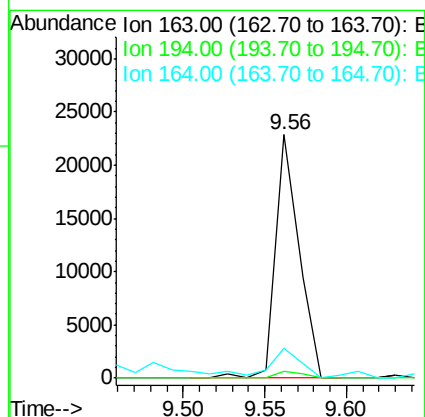
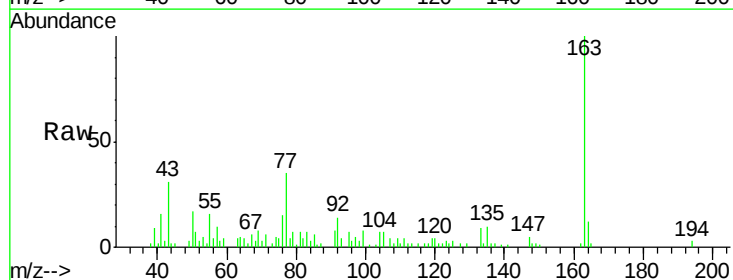
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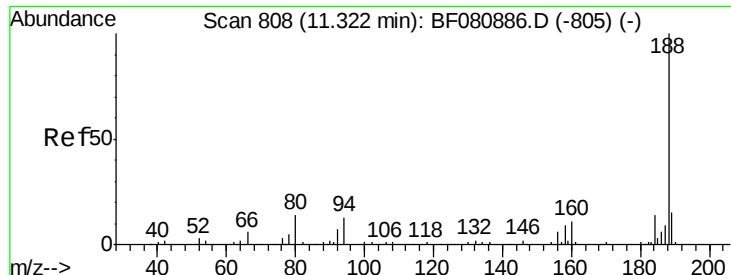
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#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080906.D
Acq: 7 Aug 2015 1:09

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	2.7	2.3	3.5
164	12.4	8.3	12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

Instrument :

BNA_F

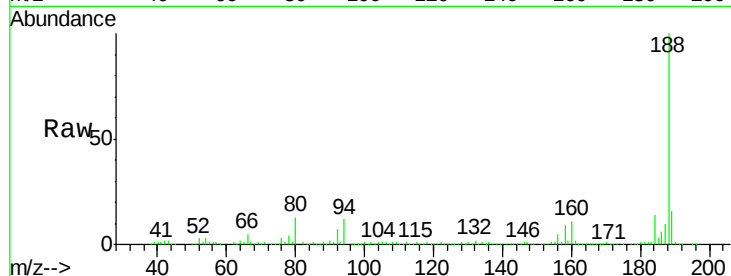
ClientSampleId :

MW-2

Tot Ion:	188	Resp:	213608
Ion Ratio	Lower	Upper	
188	100		
94	11.8	10.2	15.2
80	13.2	11.4	17.2

Manual Integrations
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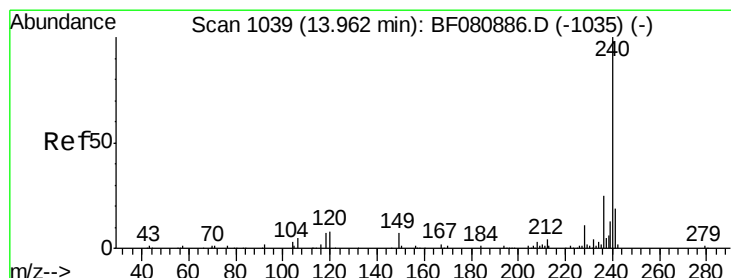
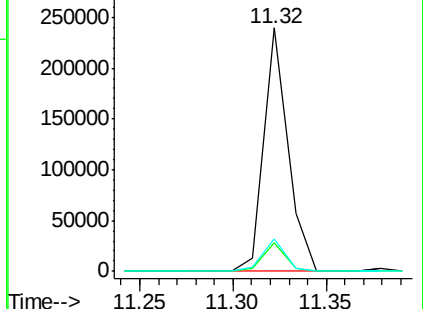
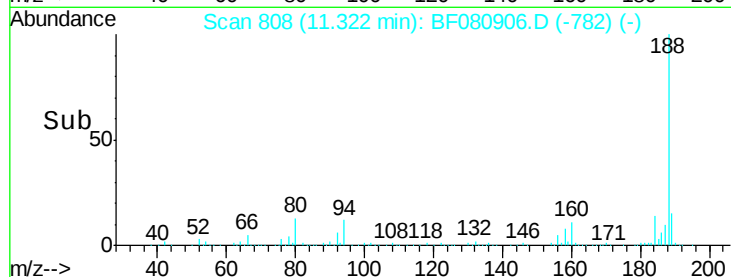
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

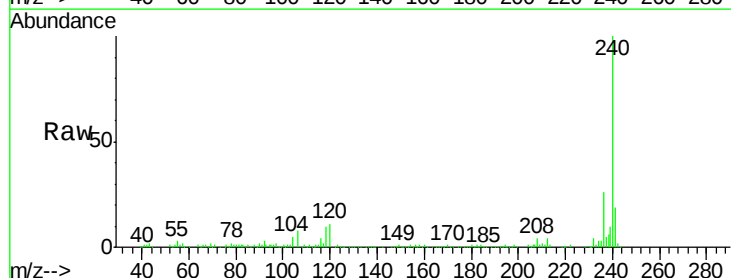
RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080906.D

Acq: 7 Aug 2015 1:09

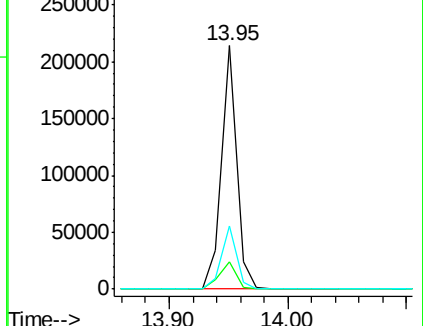
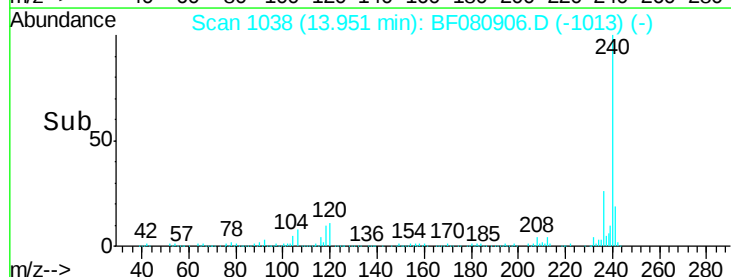
Tgt Ion:	240	Resp:	189471
Ion Ratio	Lower	Upper	
240	100		
120	11.3	6.4	9.6#
236	26.1	20.2	30.4

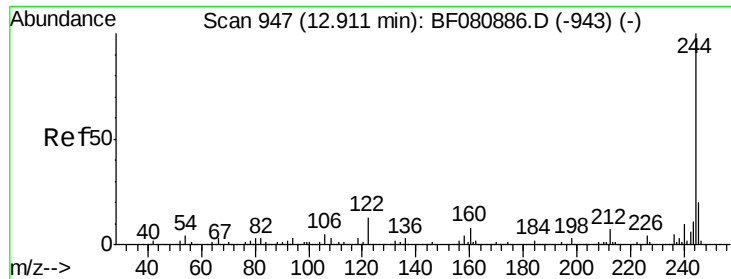


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





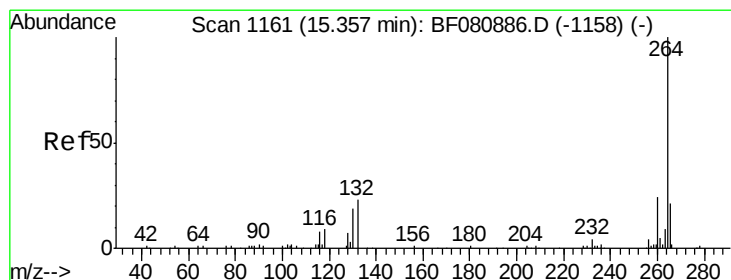
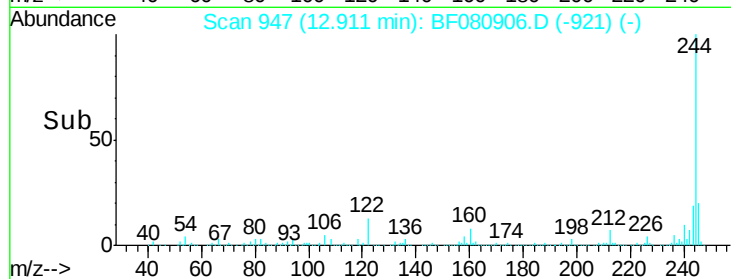
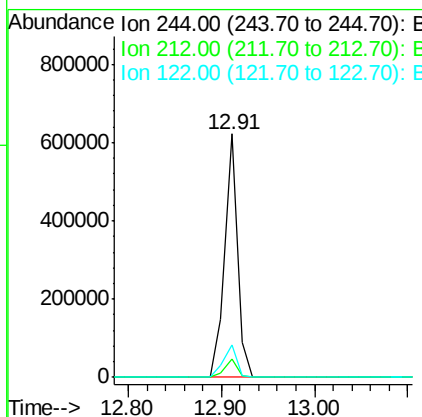
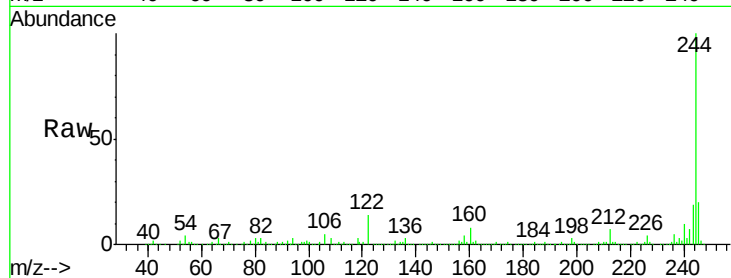
#78
 Terphenyl-d14
 Concen: 66.27 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	5.9	8.9
122	13.5	10.6	16.0

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080906.D
 Acq: 7 Aug 2015 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	19.0	28.4
265	20.4	17.0	25.6

