

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092567.D
 Acq On : 27 Jan 2017 10:38
 Operator : SJ/MA
 Sample : I1353-03
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Manual Integrations
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Quant Time: Jan 27 16:45:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161486	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	611135	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	223687	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	303528	20.00	ng	0.02
75) Chrysene-d12	14.19	240	326094	20.00	ng	0.02
86) Perylene-d12	15.68	264	339418	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	376864	36.31	ng	0.01
7) Phenol-d6	6.60	99	343094	25.95	ng	0.01
23) Nitrobenzene-d5	7.54	82	677791	60.58	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	135513m	88.90	ng	0.03
44) 2-Fluorobiphenyl	9.36	172	804154	66.48	ng	0.00
78) Terphenyl-d14	13.13	244	591780	48.32	ng	0.01
Target Compounds						
10) Phenol	6.62	94	106035	6.64	ng	Qvalue # 70
49) Dimethylphthalate	9.77	163	68709m	4.83	ng	

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

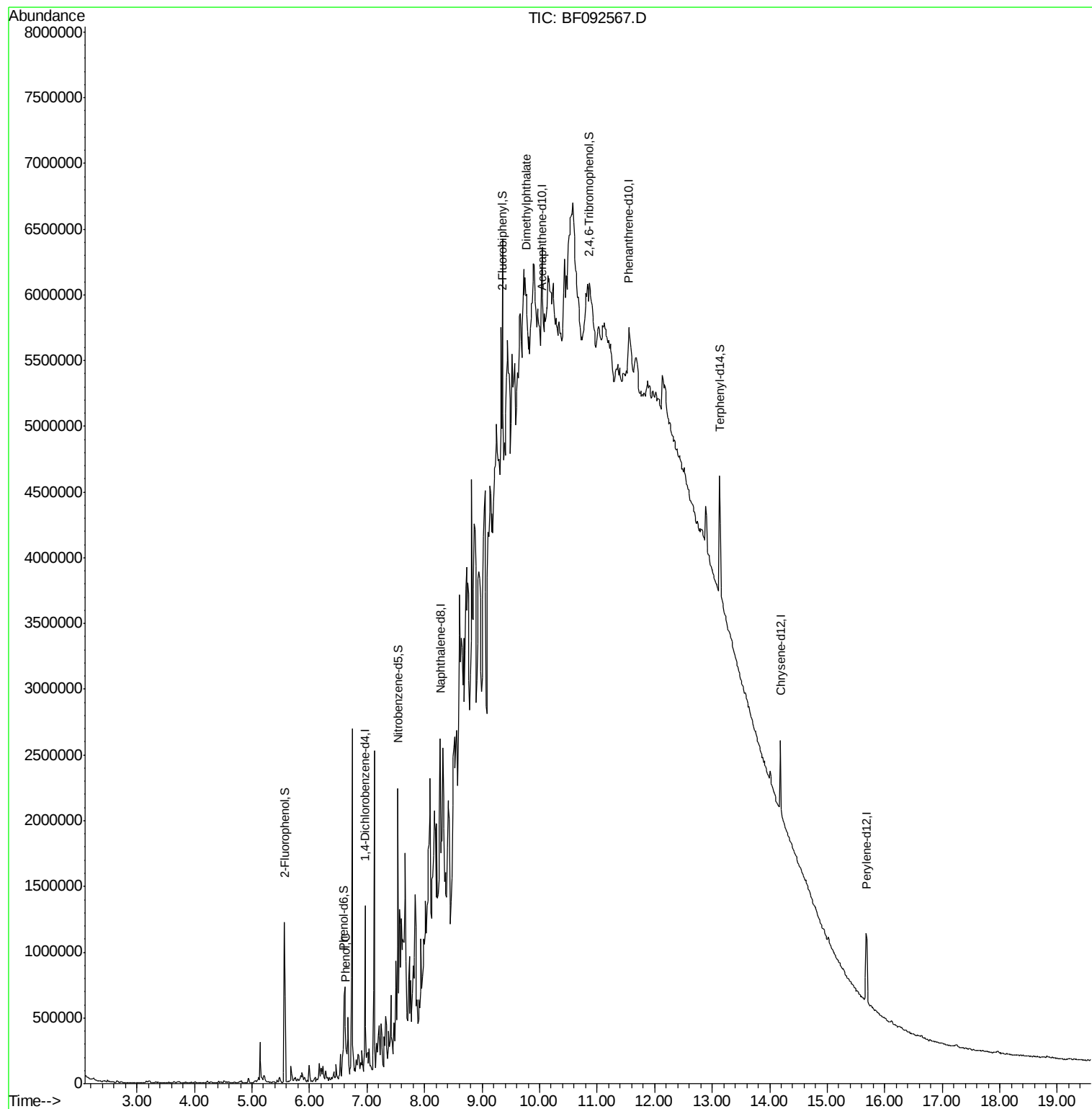
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092567.D
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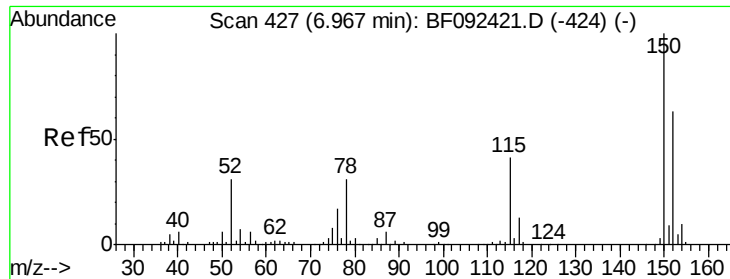
Instrument :
BNA_F
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MW-12

Quant Time: Jan 27 16:45:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
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#1

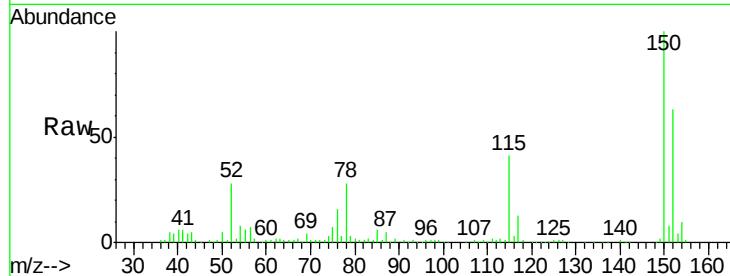
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	65.0	46.0	69.0

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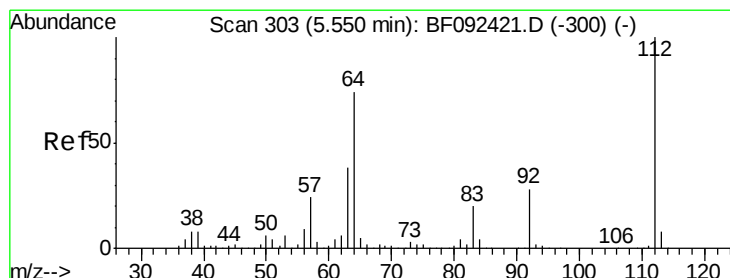
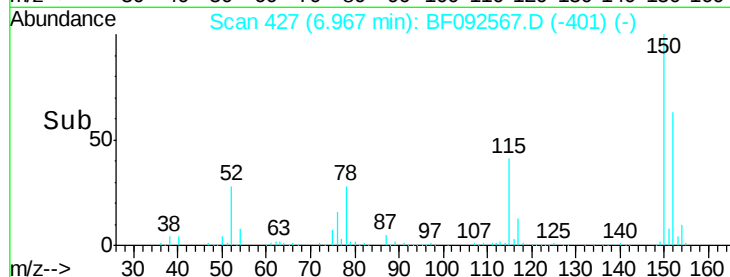
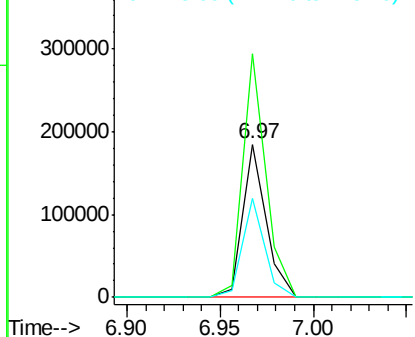


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

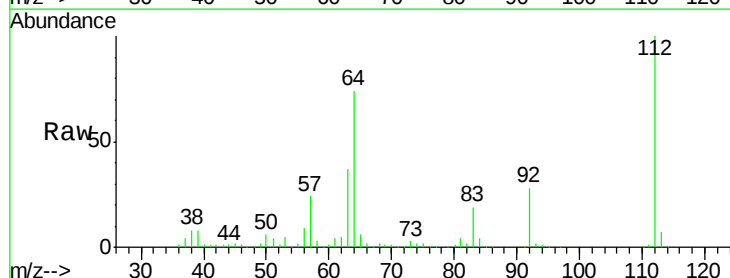
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.31 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	46.1	69.1#
63	37.1	23.8	35.6#

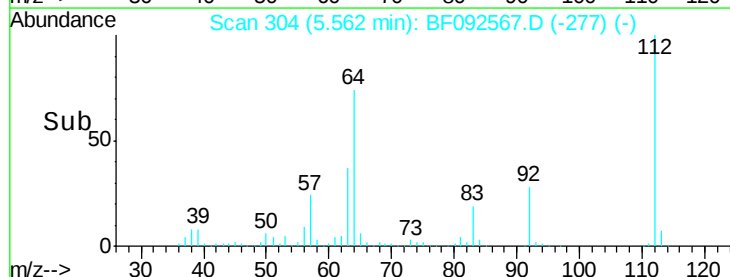
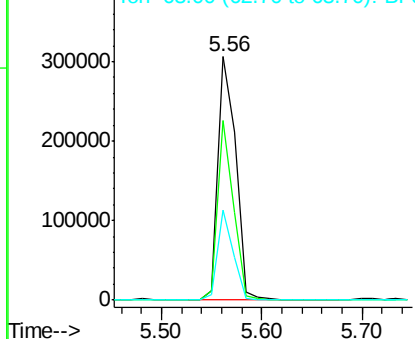


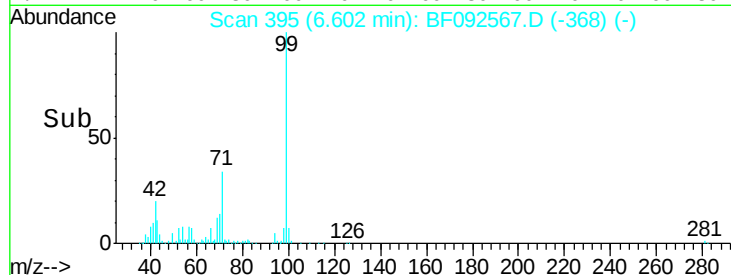
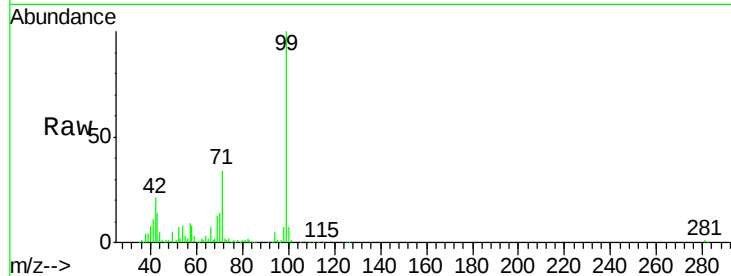
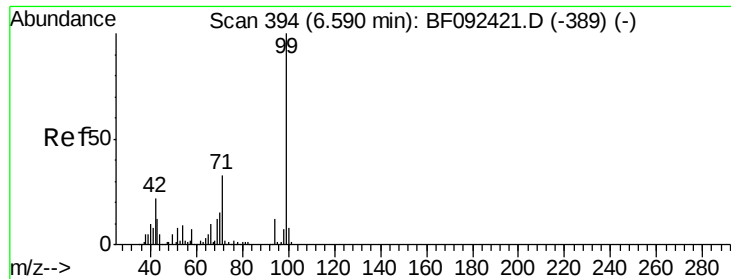
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.95 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092567.D

Acq: 27 Jan 2017 10:38

Tot Ion:	99	Resp:	343094
Ion Ratio	Lower	Upper	
99	100		
42	21.4	15.6	23.4
71	34.1	27.5	41.3

Instrument :

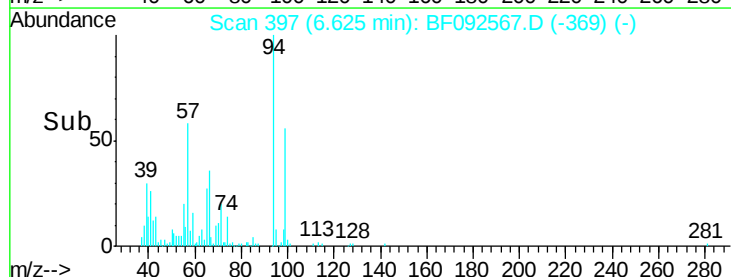
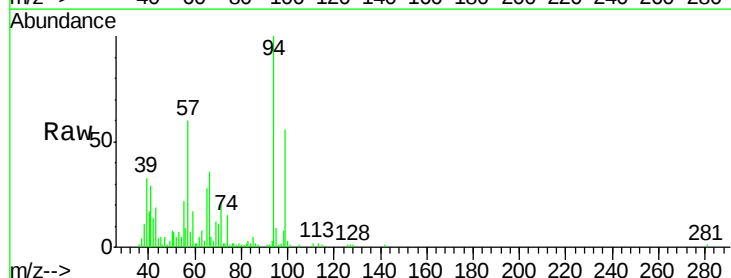
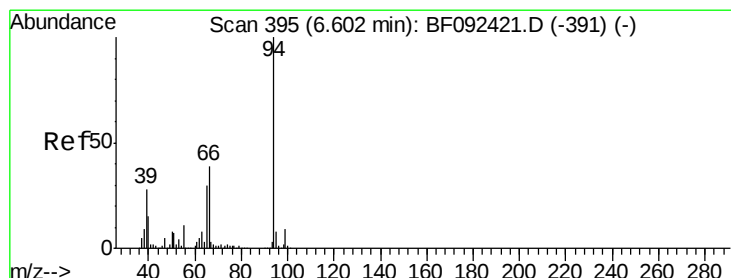
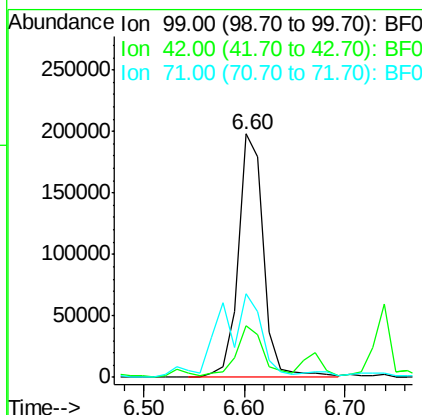
BNA_F

ClientSampled :

MW-12

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#10

Phenol

Concen: 6.64 ng

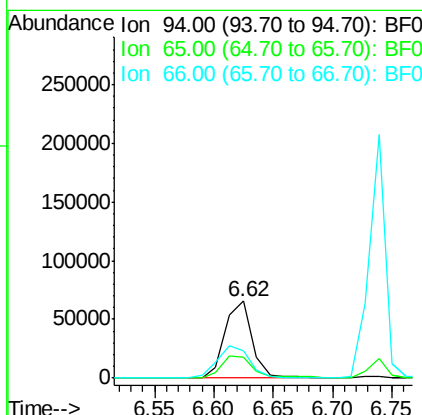
RT: 6.62 min Scan# 397

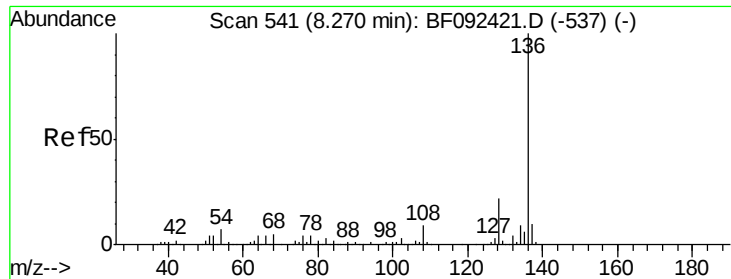
Delta R.T. 0.02 min

Lab File: BF092567.D

Acq: 27 Jan 2017 10:38

Tgt Ion:	94	Resp:	106035
Ion Ratio	Lower	Upper	
94	100		
65	27.7	21.4	61.4
66	35.9	44.0	84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092567.D

Acq: 27 Jan 2017 10:38

Instrument :

BNA_F

ClientSampleId :

MW-12

Tot Ion:136 Resp: 611135
Ion Ratio Lower Upper

136 100

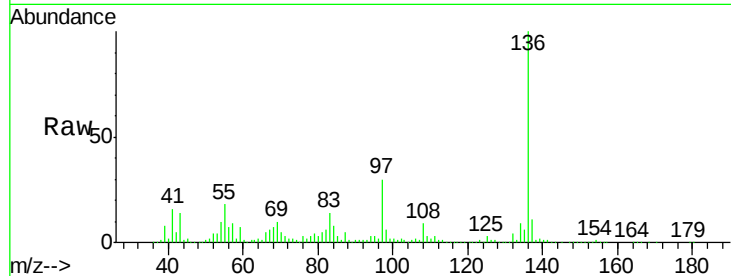
137 11.2 8.4 12.6

54 9.8 4.5 6.7#

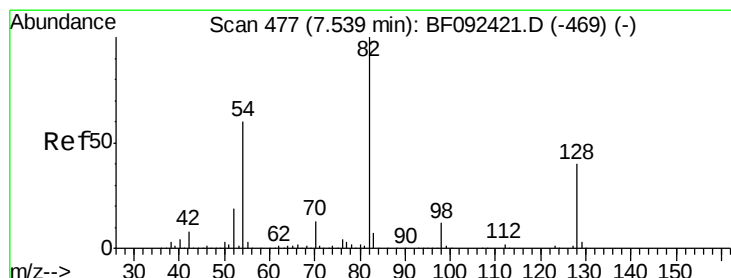
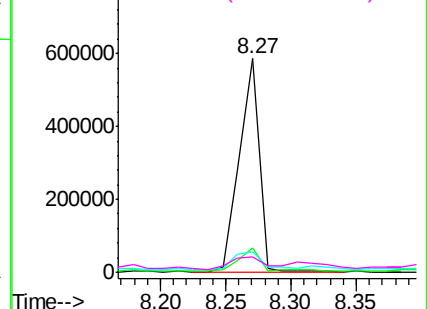
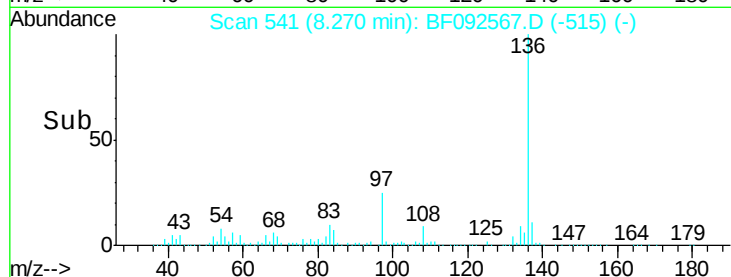
68 7.2 3.6 5.4#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 60.58 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092567.D

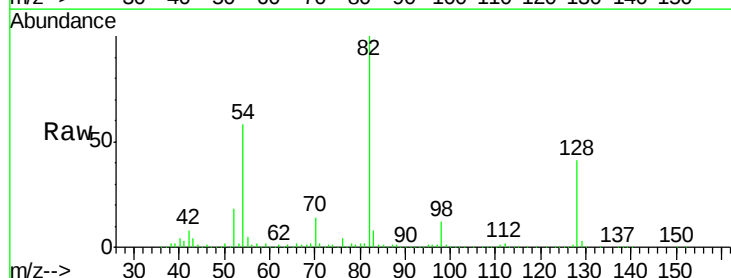
Acq: 27 Jan 2017 10:38

Tgt Ion: 82 Resp: 677791
Ion Ratio Lower Upper

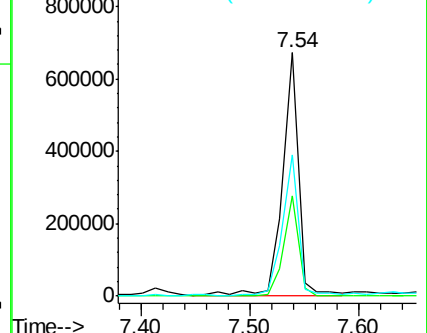
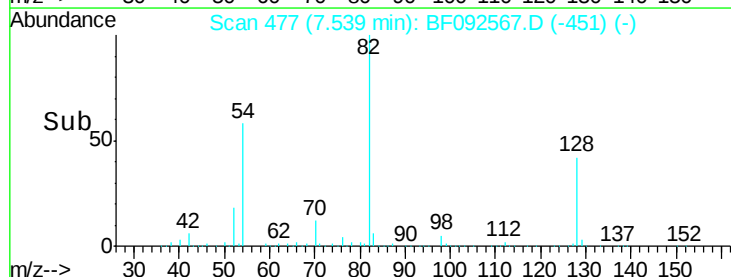
82 100

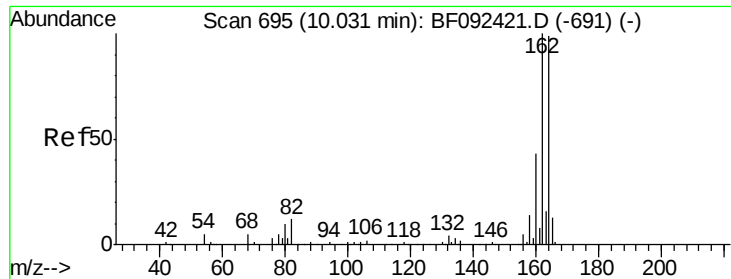
128 41.4 34.6 52.0

54 58.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





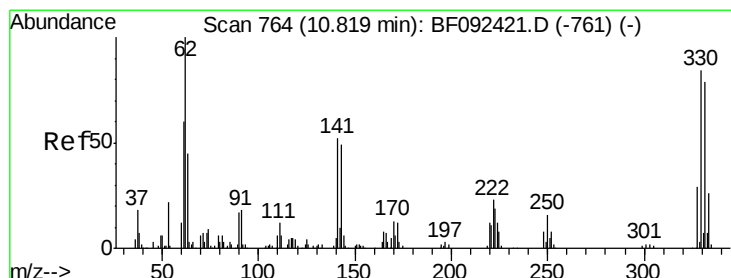
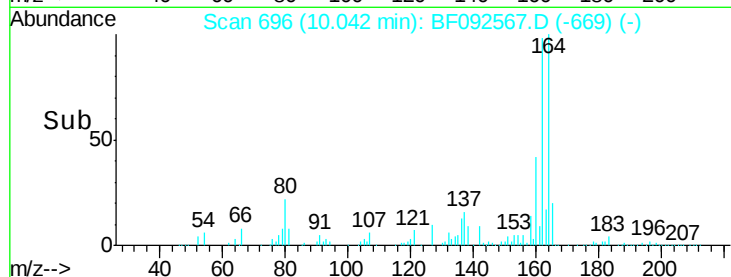
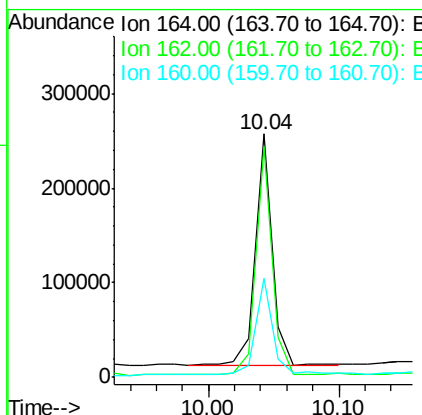
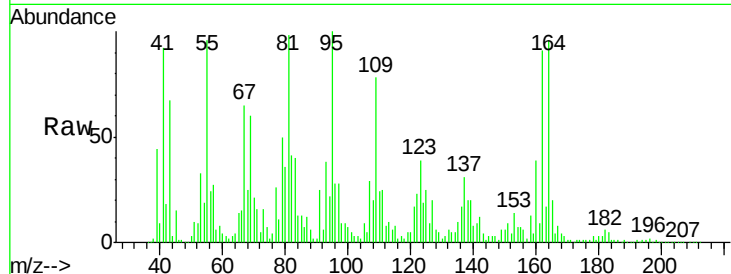
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion	Ratio	Resp	Lower	Upper
164	100	223687		
162	94.9	80.2	120.2	
160	40.5	36.9	55.3	

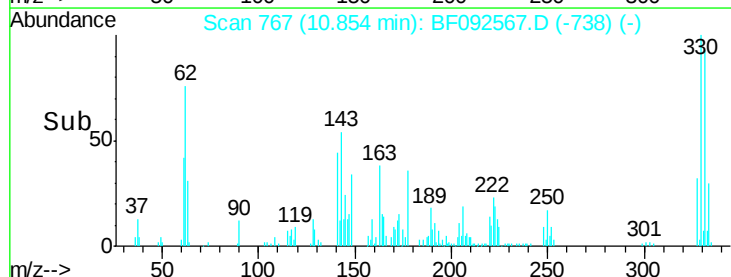
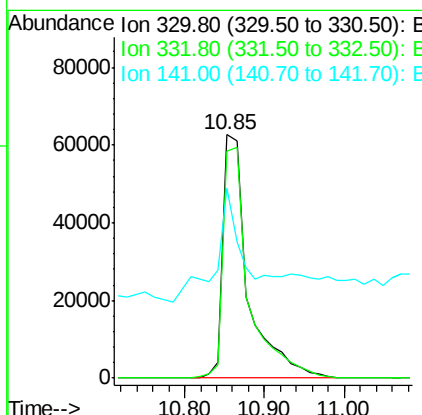
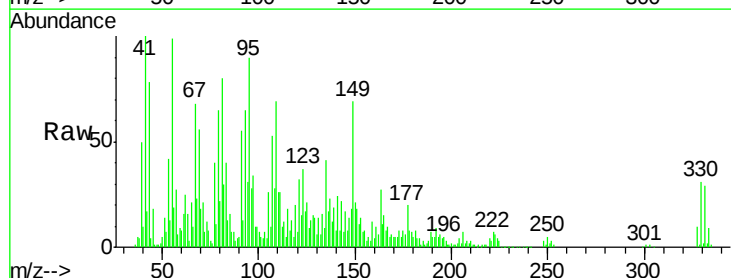
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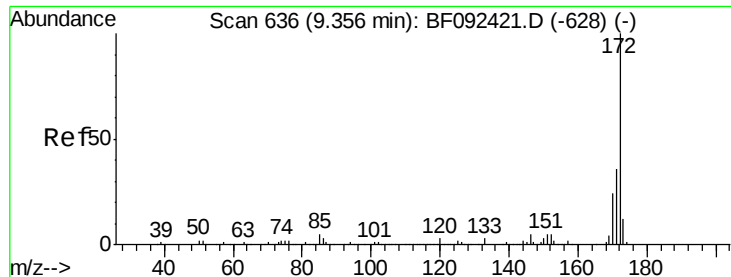
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#41
2,4,6-Tribromophenol
Concen: 88.90 ng m
RT: 10.85 min Scan# 767
Delta R.T. 0.03 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135513		
332	0.0	77.4	116.2#	
141	0.0	34.1	51.1#	





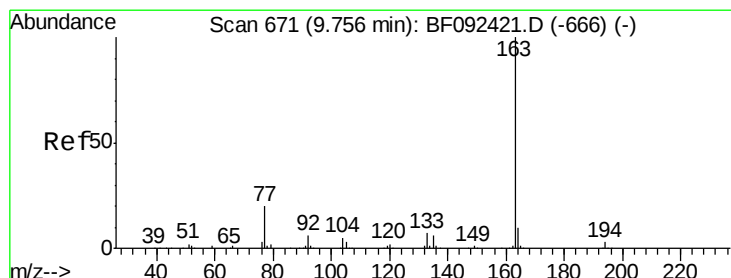
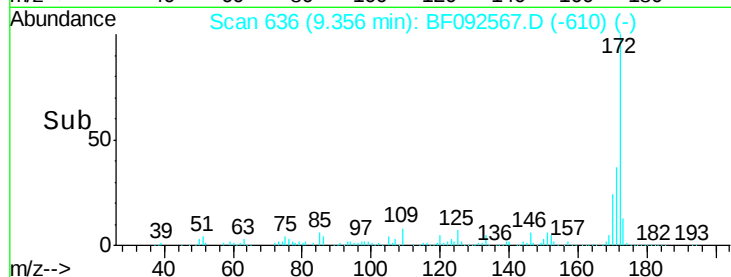
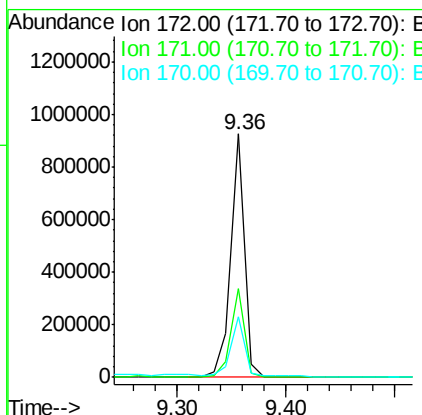
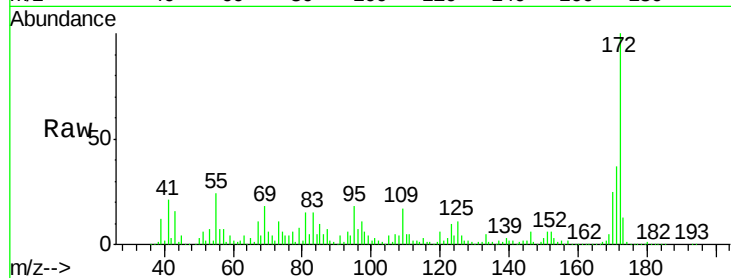
#44
2-Fluorobiphenyl
Concen: 66.48 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4

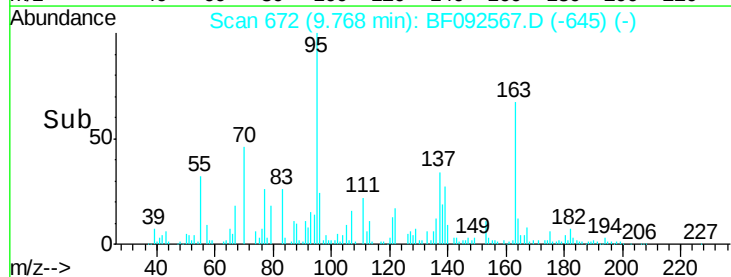
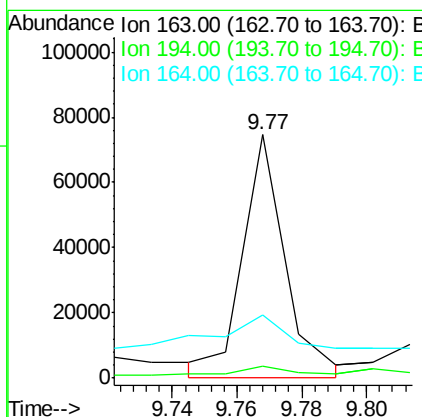
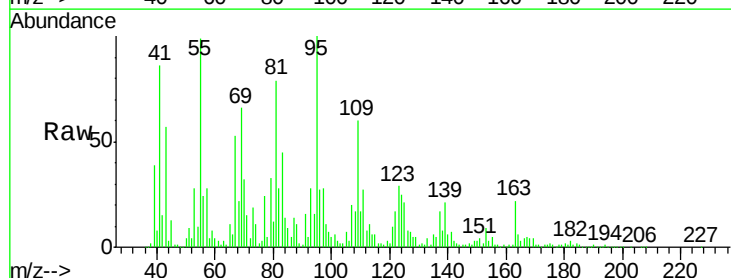
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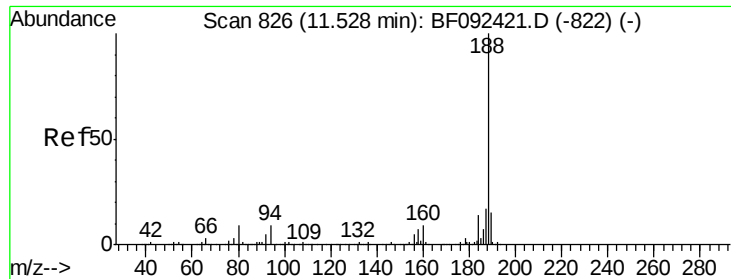
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#49
Dimethylphthalate
Concen: 4.83 ng m
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.0	4.4#
164	26.1	8.0	12.0#





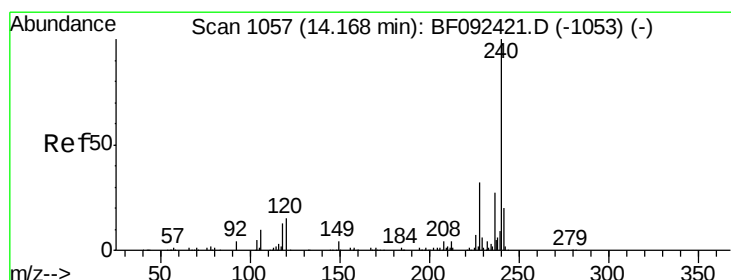
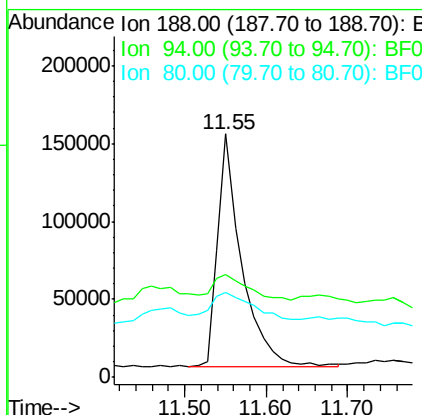
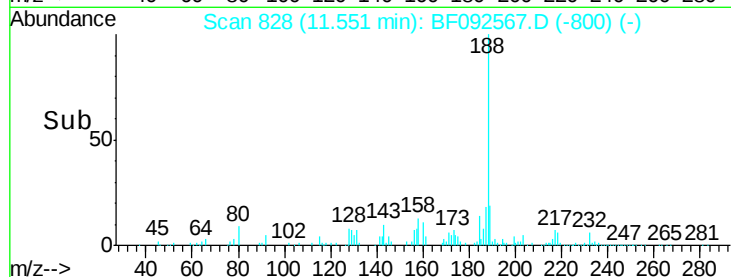
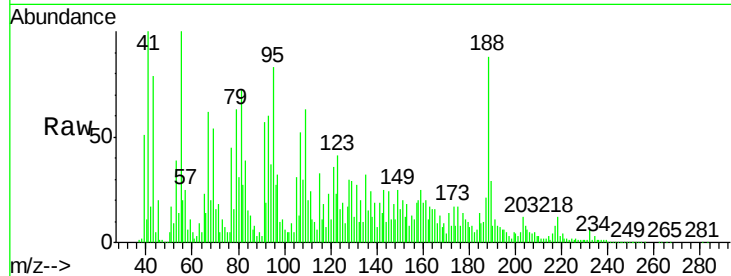
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 828
Delta R.T. 0.02 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion	Ratio	Resp	Lower	Upper
188	100	303528		
94	42.1	10.0	15.0#	
80	34.8	11.2	16.8#	

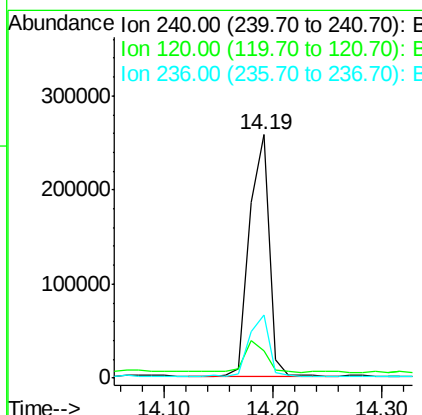
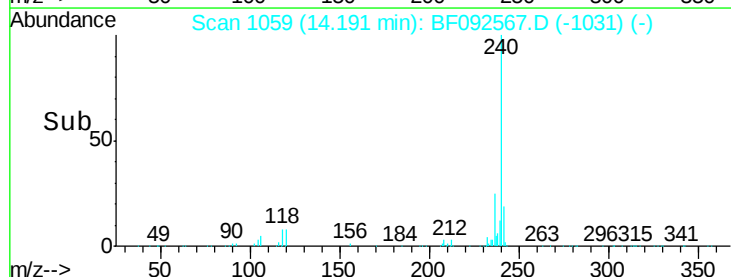
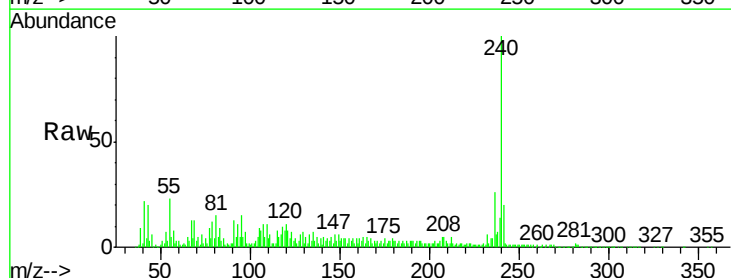
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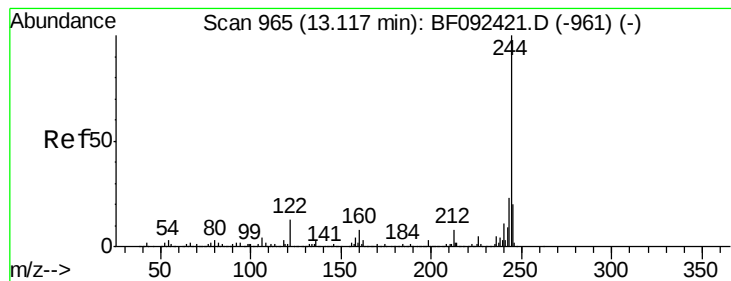
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1059
Delta R.T. 0.02 min
Lab File: BF092567.D
Acq: 27 Jan 2017 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326094		
120	11.1	12.9	19.3#	
236	25.8	20.9	31.3	





#78

Terphenyl-d14

Concen: 48.32 ng

RT: 13.13 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF092567.D

Acq: 27 Jan 2017 10:38

Instrument :

BNA_F

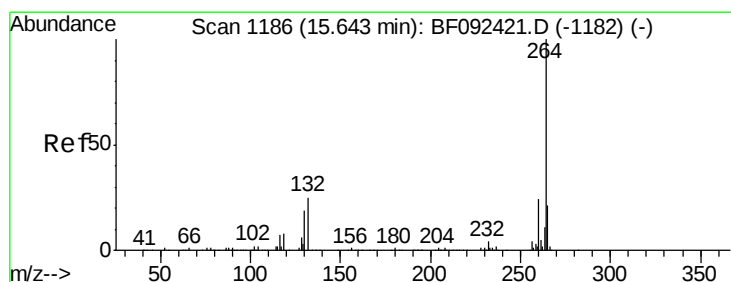
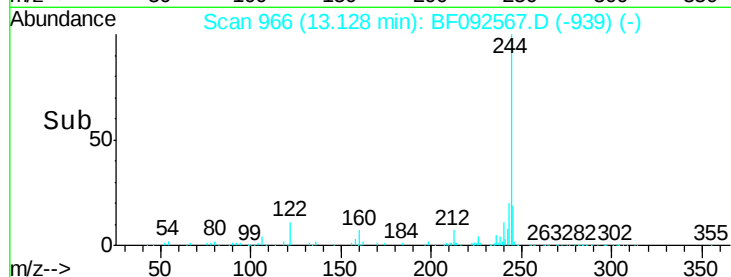
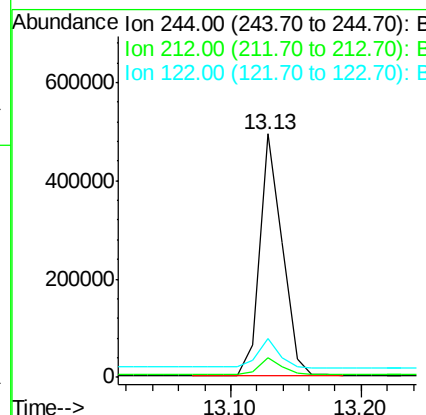
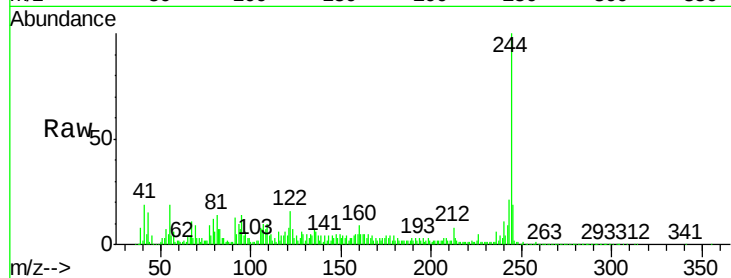
ClientSampleId :

MW-12

Tot Ion:	244	Resp:	591780
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.2	9.2
122	16.1	11.4	17.2

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1189

Delta R.T. 0.03 min

Lab File: BF092567.D

Acq: 27 Jan 2017 10:38

Tgt Ion:	264	Resp:	339418
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0

