

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079942.D
 Acq On : 12 Jun 2015 18:37
 Operator : TP/IZ
 Sample : G2522-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Manual Integrations
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Quant Time: Jun 13 04:43:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	44828	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	140477	20.00	ng	0.01
38) Acenaphthene-d10	10.44	164	94055	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	190189	20.00	ng	-0.03
75) Chrysene-d12	14.86	240	210692m	20.00	ng	-0.29
86) Perylene-d12	16.72	264	197423m	20.00	ng	-0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	173795	71.09	ng	0.00
7) Phenol-d6	6.97	99	154805	46.48	ng	0.00
23) Nitrobenzene-d5	7.93	82	284555	133.65	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	134132	141.33	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	674720	100.45	ng	0.00
78) Terphenyl-d14	13.62	244	909814	99.56	ng	-0.15
Target Compounds						
22) Acetophenone	7.77	105	75919	22.88	ng	Qvalue # 92
31) Naphthalene	8.73	128	13704216	1784.69	ng	# 79
37) 2-Methylnaphthalene	9.39	142	2005081m	386.49	ng	
45) 1,1'-Biphenyl	9.85	154	400550	52.62	ng	94
48) Acenaphthylene	10.31	152	1585948	144.97	ng	99
51) Acenaphthene	10.48	154	91171	14.66	ng	99
54) Dibenzofuran	10.65	168	25146	2.77	ng	# 85
57) Fluorene	10.99	166	105258m	13.29	ng	
70) Phenanthrene	11.98	178	459694	40.56	ng	99
71) Anthracene	12.02	178	59608	5.43	ng	98
72) Carbazole	12.17	167	53476	5.03	ng	99

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

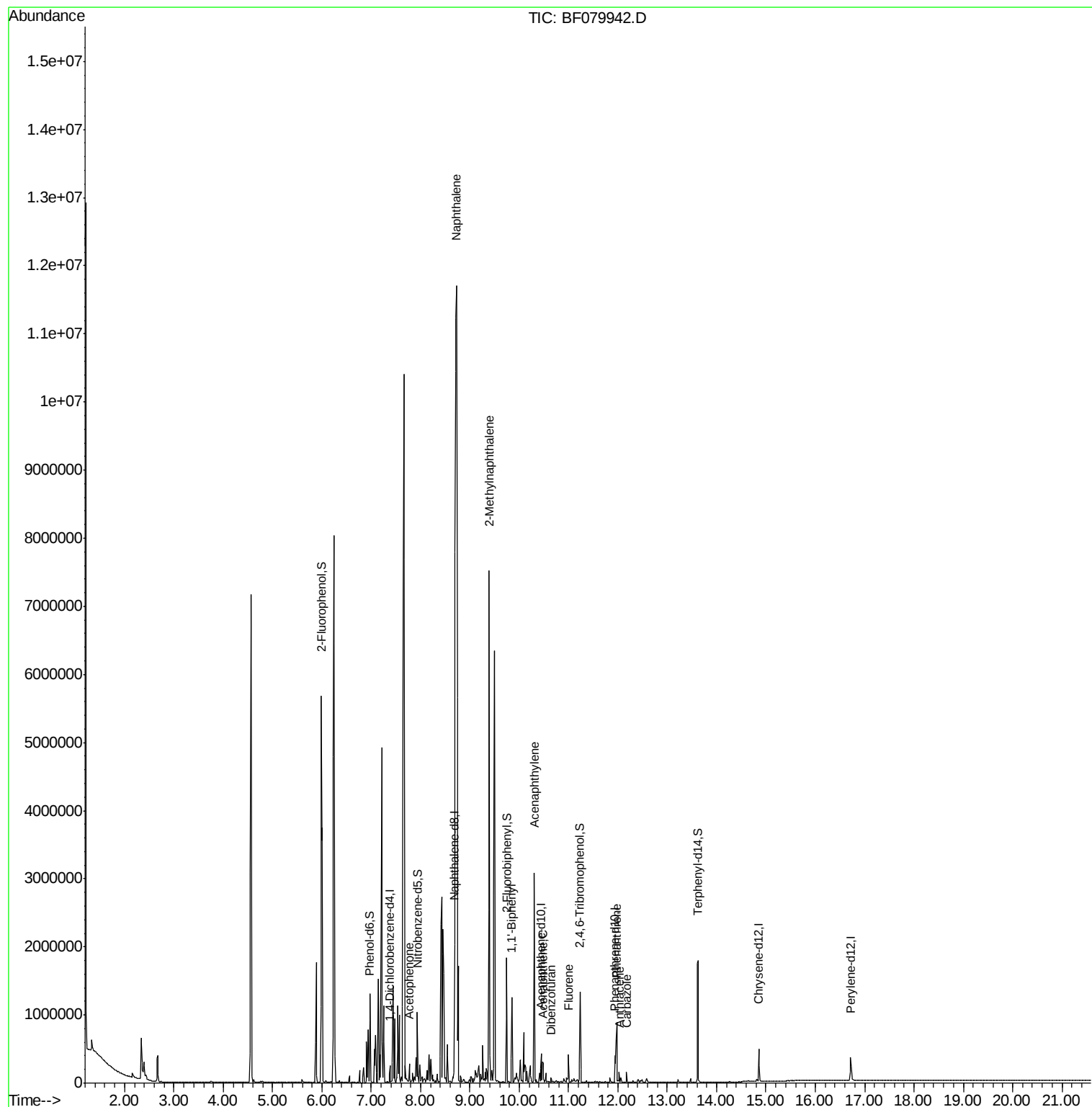
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079942.D
Acq On : 12 Jun 2015 18:37
Operator : TP/IZ
Sample : G2522-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

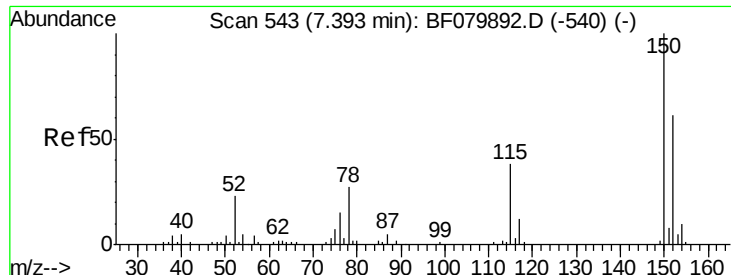
Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Time: Jun 13 04:43:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

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#1

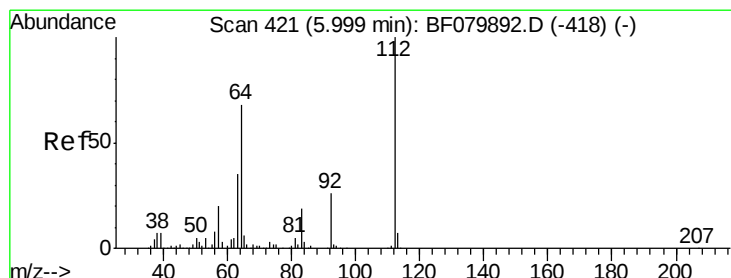
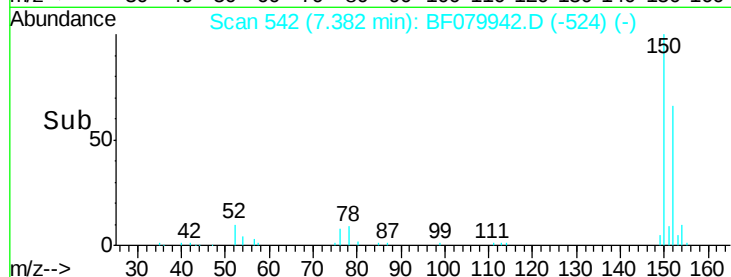
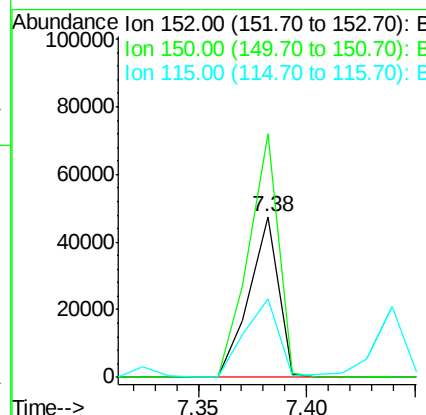
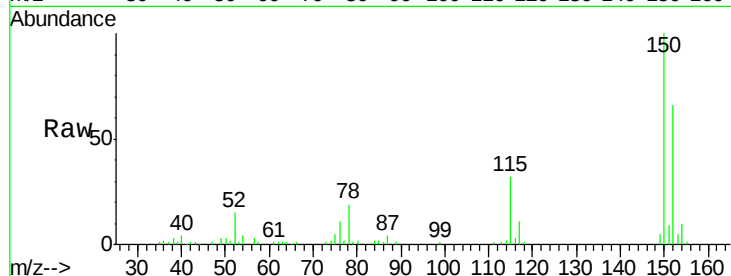
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	131.0	196.4
115	48.9	49.8	74.6

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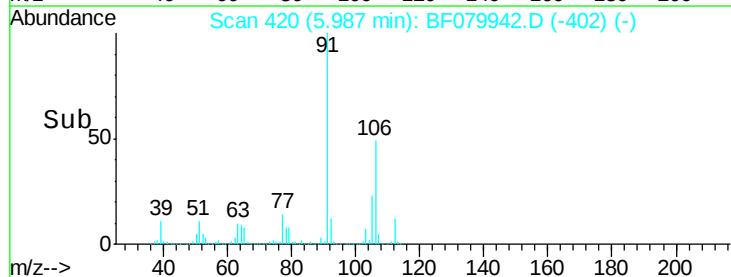
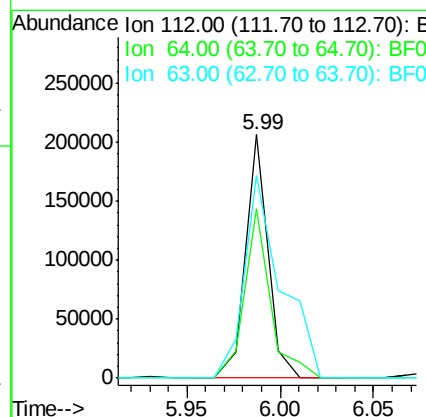
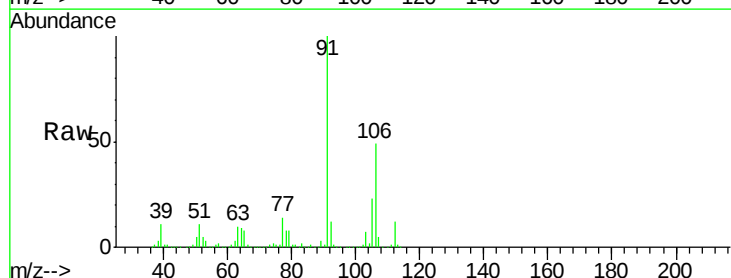
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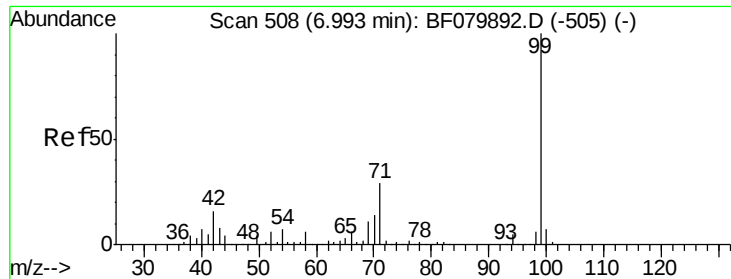


#5

2-Fluorophenol
Concen: 71.09 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	54.5	81.7
63	83.3	27.9	41.9





#7

Phenol-d6

Concen: 46.48 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

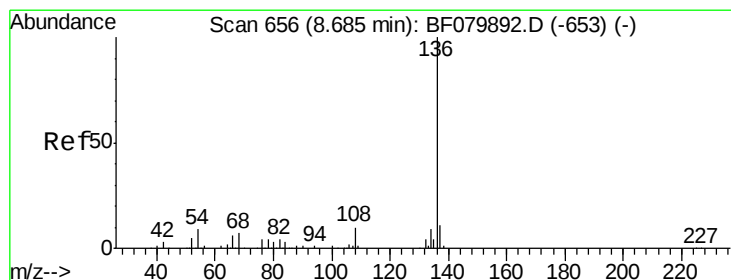
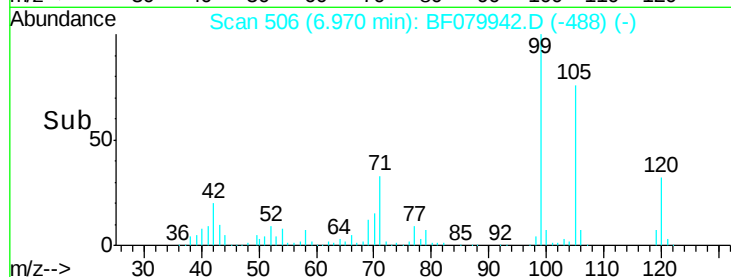
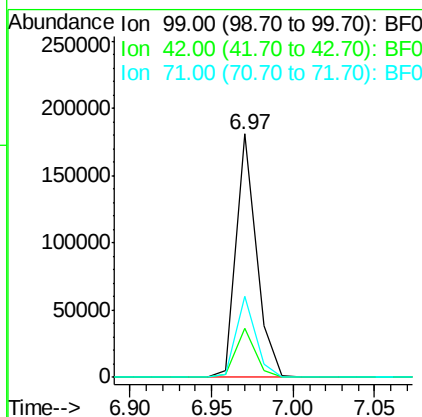
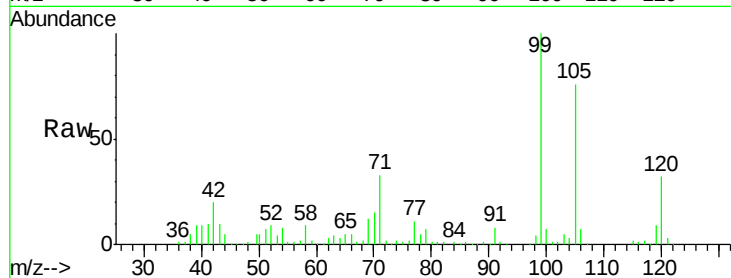
ClientSampled :

MW-16

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	154805		
42	20.0	12.9	19.3#	
71	33.4	23.4	35.2	

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#21

Naphthalene-d8

Concen: 20.00 ng

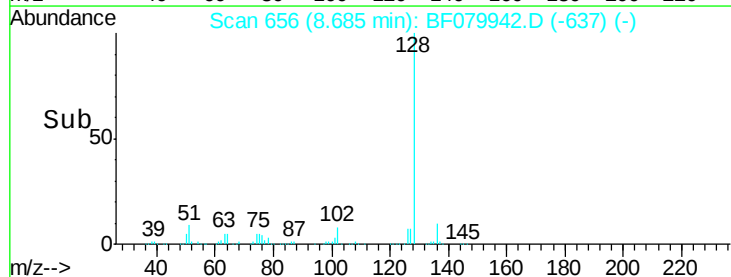
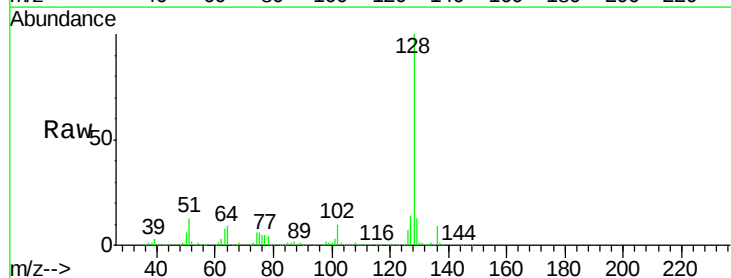
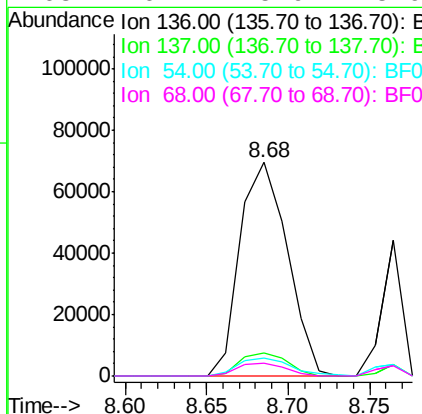
RT: 8.68 min Scan# 656

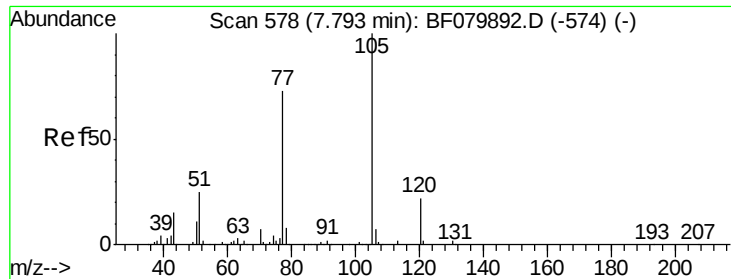
Delta R.T. 0.01 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	140477		
137	10.6	8.7	13.1	
54	8.2	7.3	10.9	
68	6.1	5.9	8.9	





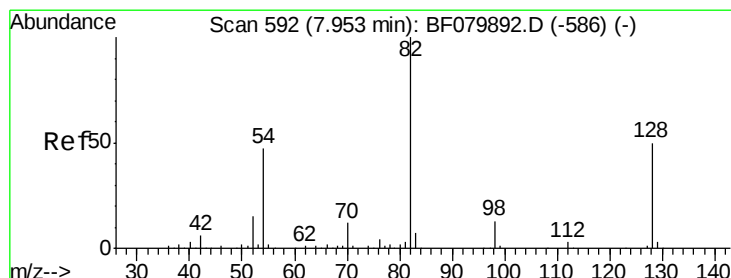
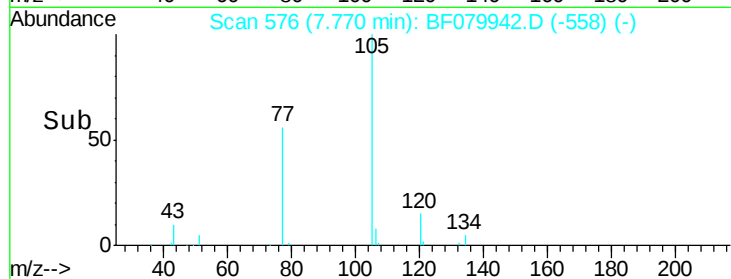
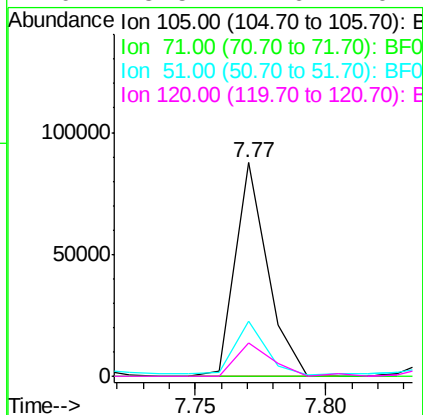
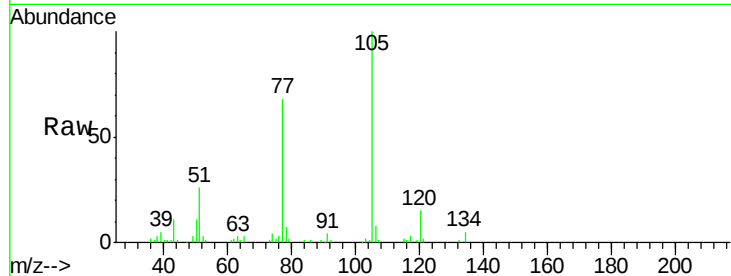
#22
 Acetophenone
 Concen: 22.88 ng
 RT: 7.77 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:	105	Resp:	75919
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.0	1.4#
51	26.1	19.8	29.6
120	15.5	17.6	26.4#

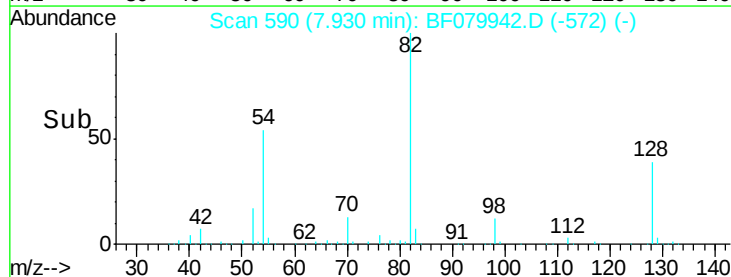
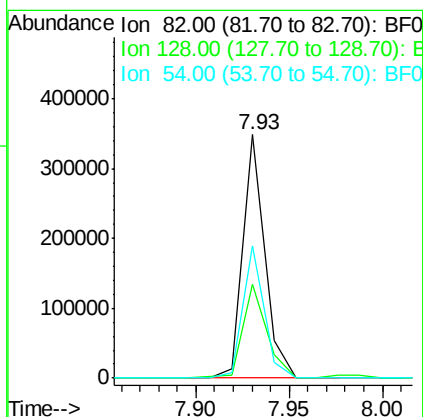
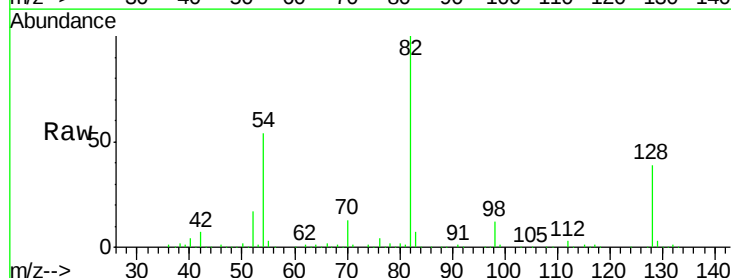
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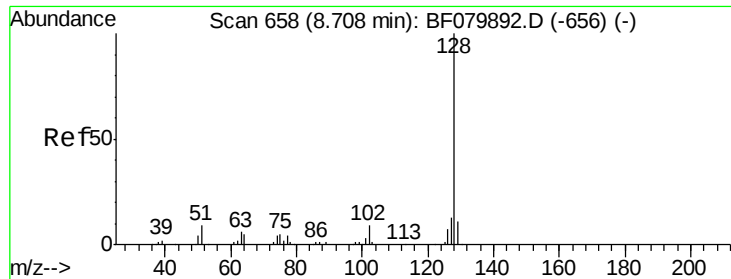
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#23
 Nitrobenzene-d5
 Concen: 133.65 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Tgt Ion:	82	Resp:	284555
Ion Ratio	Lower	Upper	
82	100		
128	38.6	40.3	60.5#
54	54.1	38.0	57.0





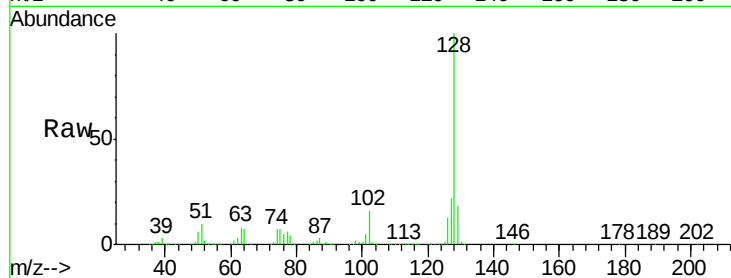
#31
Naphthalene
Concen: 1784.69 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.03 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

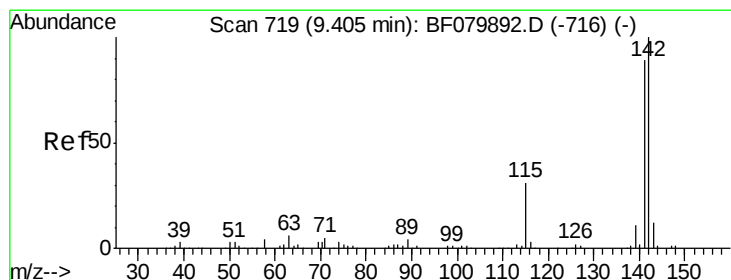
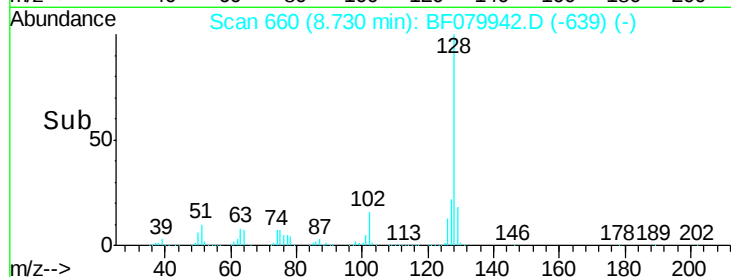
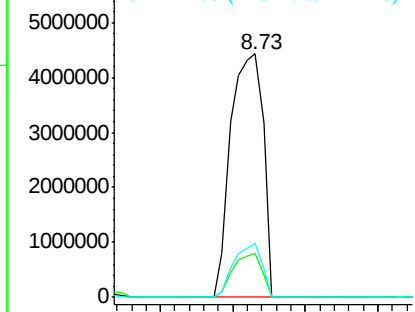
Tgt Ion:128 Resp:13704216
Ion Ratio Lower Upper
128 100
129 18.1 8.8 13.2#
127 22.2 10.5 15.7#

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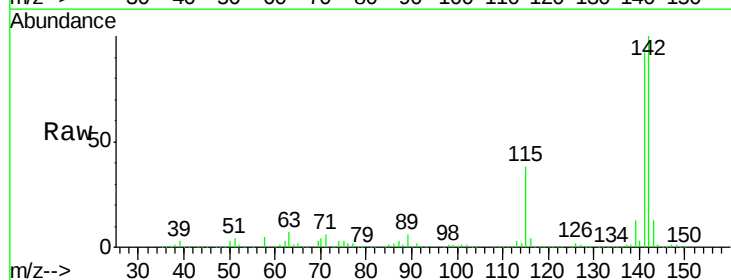


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

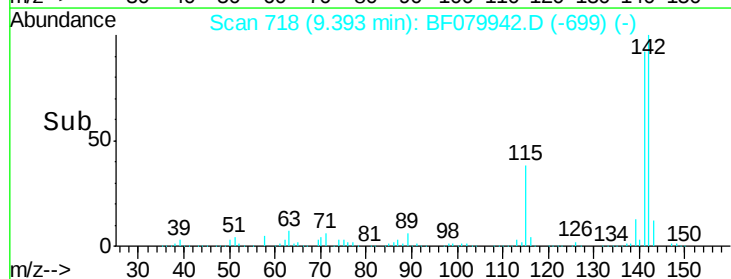
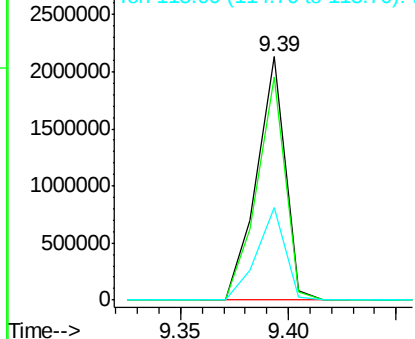


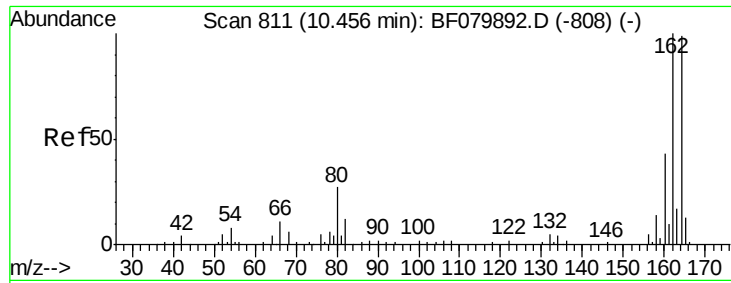
#37
2-Methylnaphthalene
Concen: 386.49 ng m
RT: 9.39 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion:142 Resp: 2005081
Ion Ratio Lower Upper
142 100
141 91.8 70.9 106.3
115 38.0 25.0 37.4#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.44 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079942.D

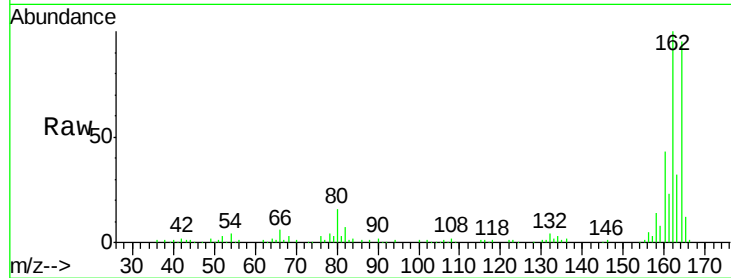
Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

ClientSampleId :

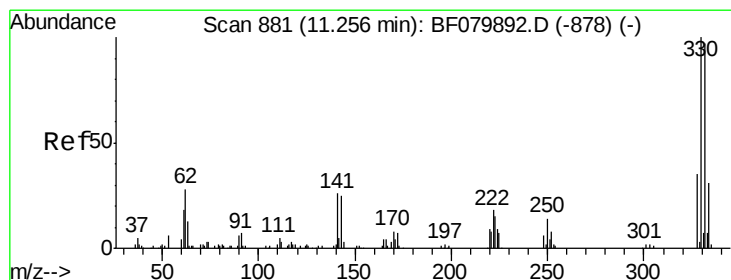
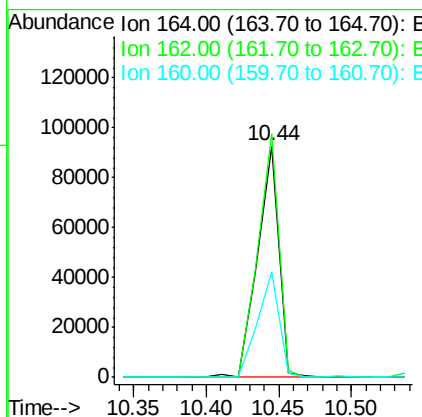
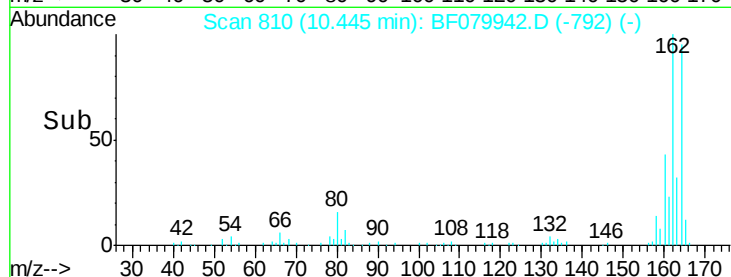
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Tgt Ion:	164	Resp:	94055
Ion Ratio	Lower	Upper	
164	100		
162	105.3	80.7	121.1
160	45.8	34.6	51.8

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#41

2,4,6-Tribromophenol

Concen: 141.33 ng

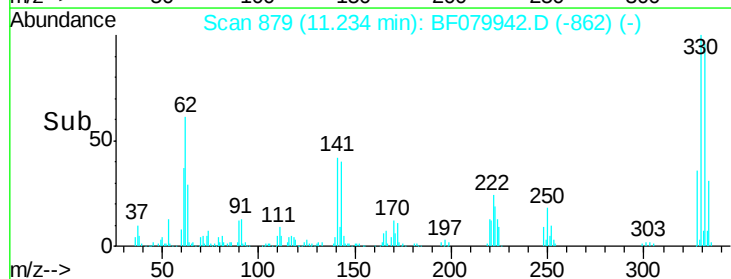
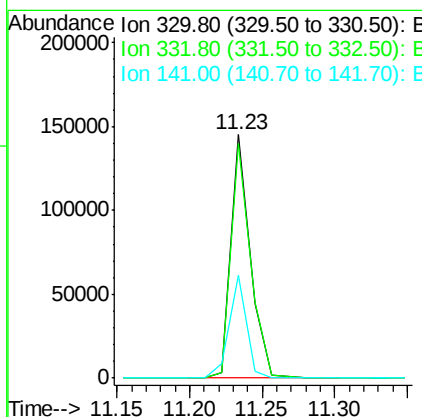
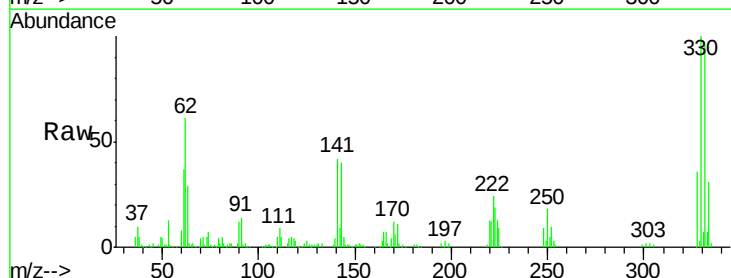
RT: 11.23 min Scan# 879

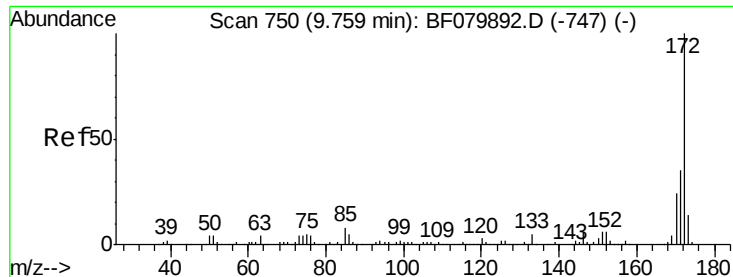
Delta R.T. -0.01 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion:	330	Resp:	134132
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.3	115.9
141	37.8	26.8	40.2





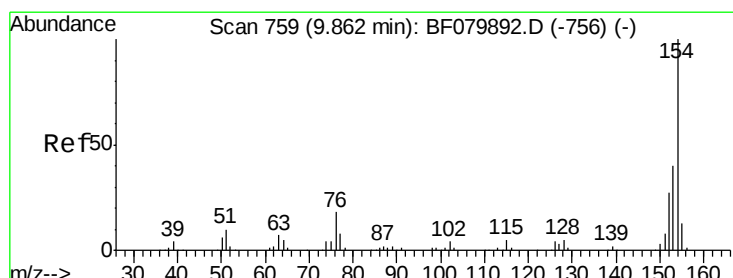
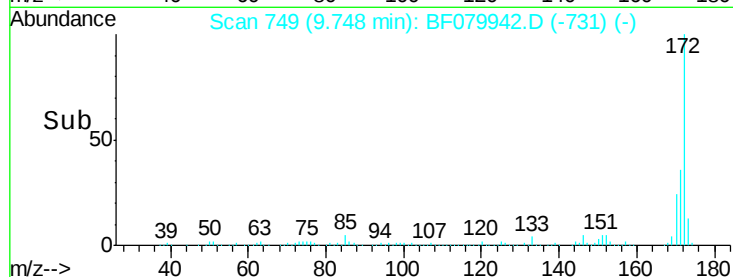
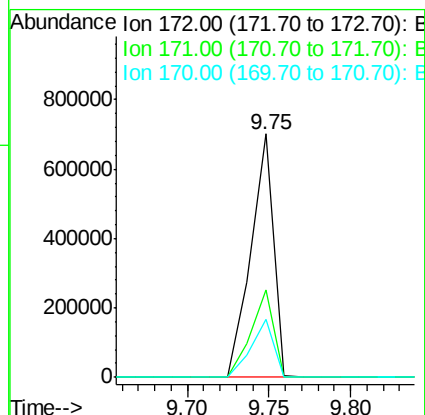
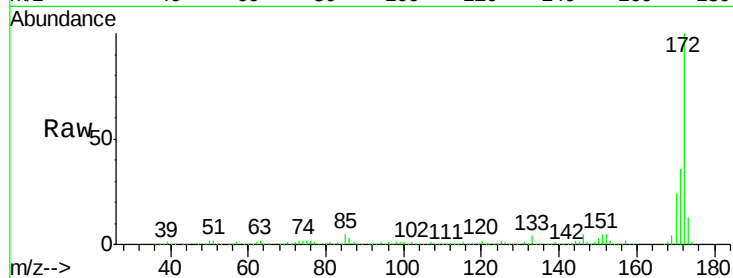
#44
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	674720		
171	35.9	28.3	42.5	
170	24.0	19.0	28.4	

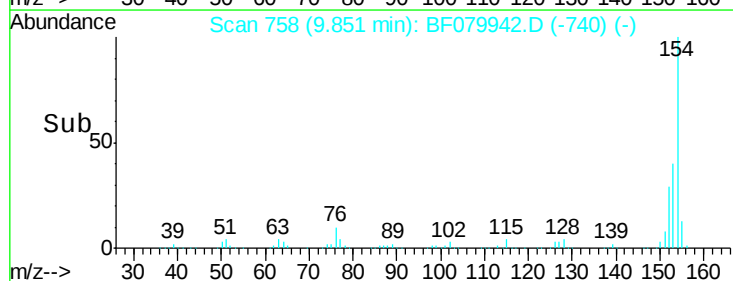
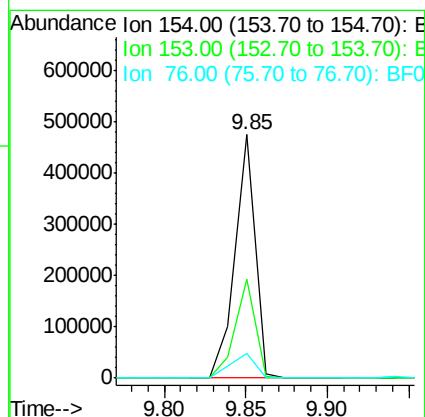
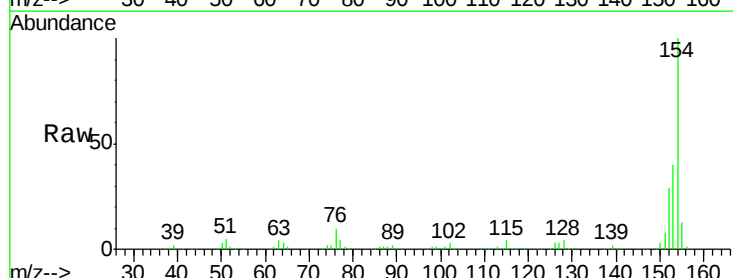
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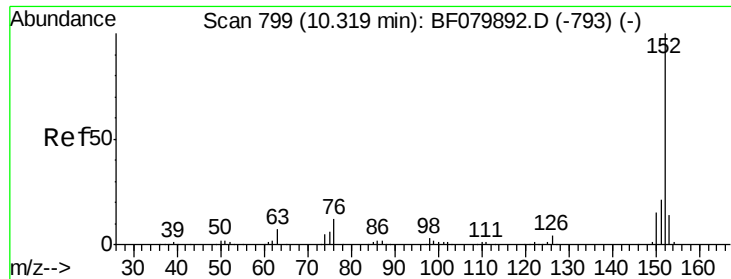
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#45
 1,1'-Biphenyl
 Concen: 52.62 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079942.D
 Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	400550		
153	40.4	20.1	60.1	
76	10.2	0.0	38.4	





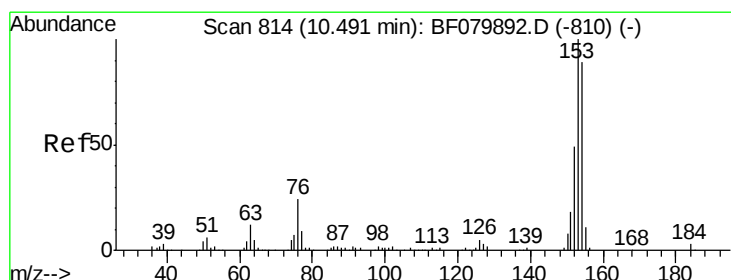
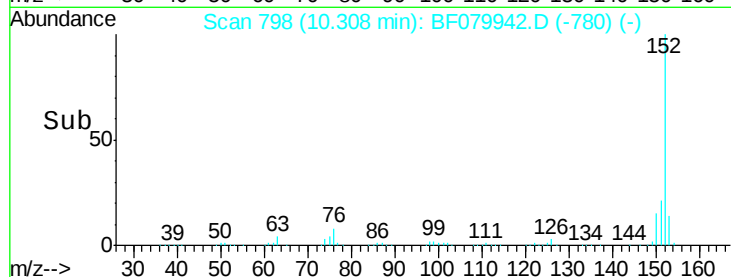
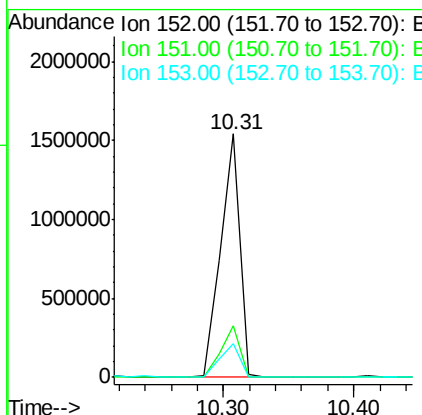
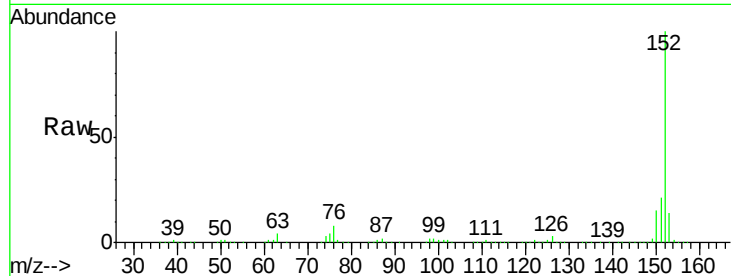
#48
Acenaphthylene
Concen: 144.97 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.0	10.8	16.2

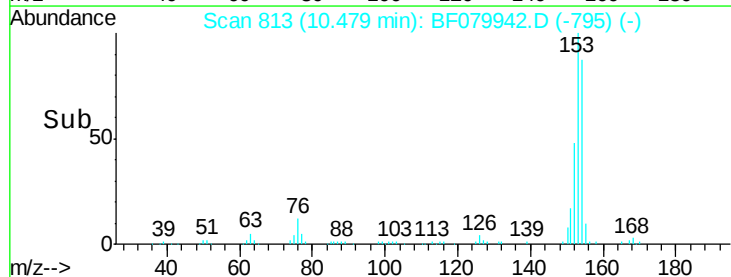
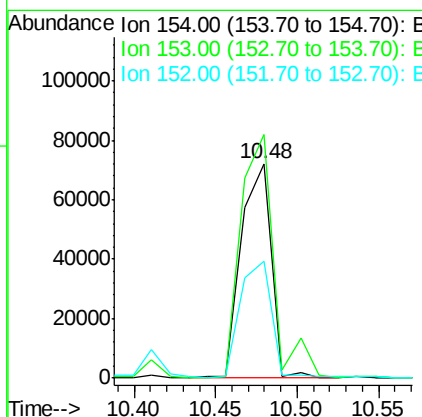
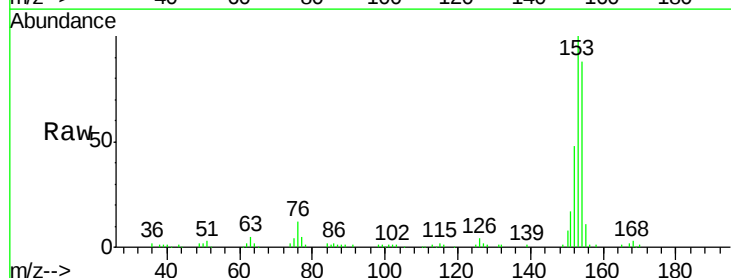
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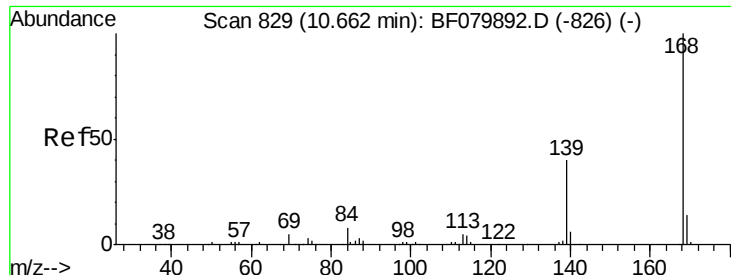
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#51
Acenaphthene
Concen: 14.66 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	54.6	43.7	65.5





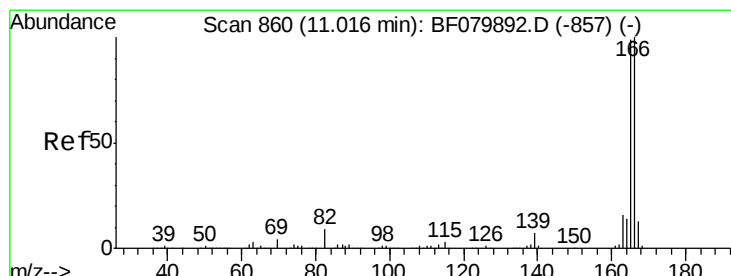
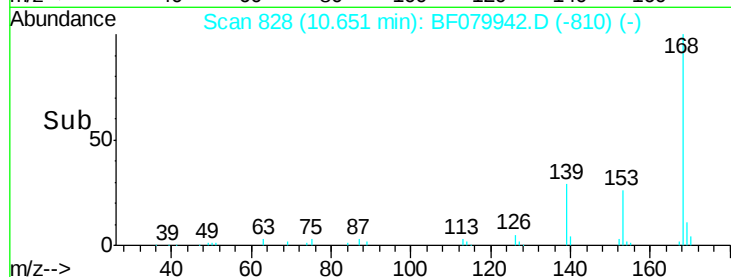
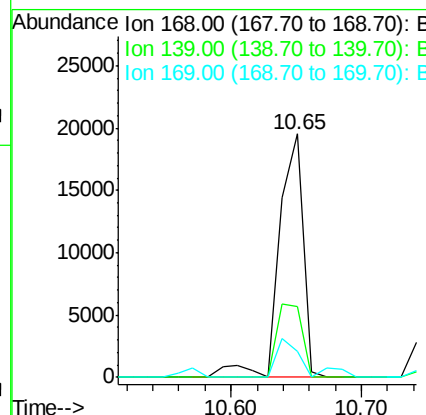
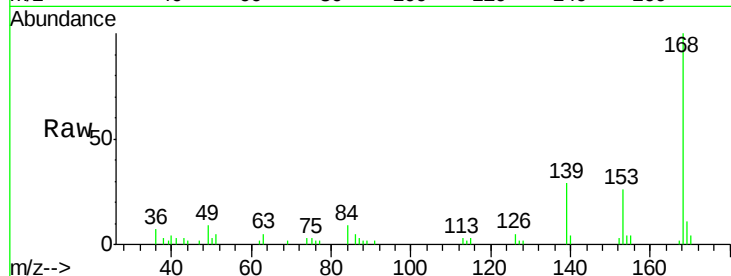
#54
Dibenzenofuran
Concen: 2.77 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampled :
MW-16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	29.1	32.2	48.2#
169	10.8	11.0	16.6#

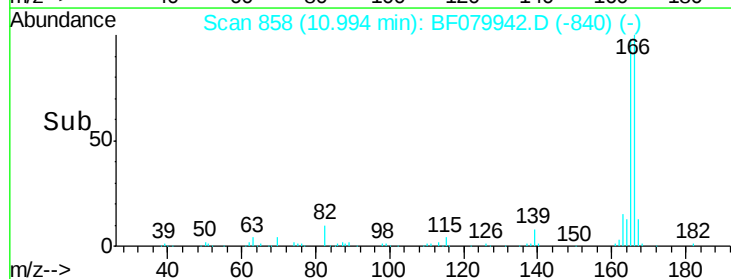
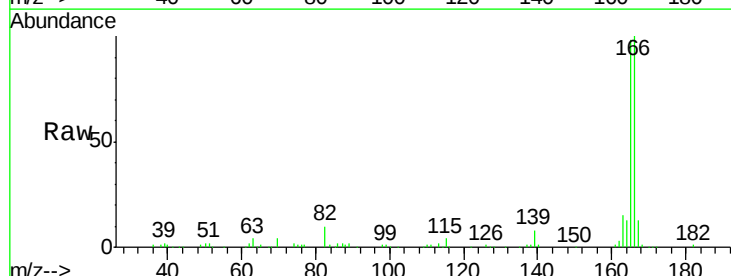
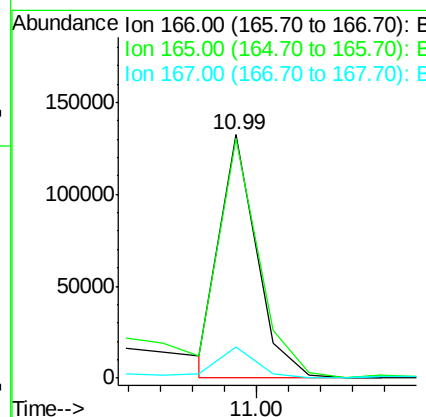
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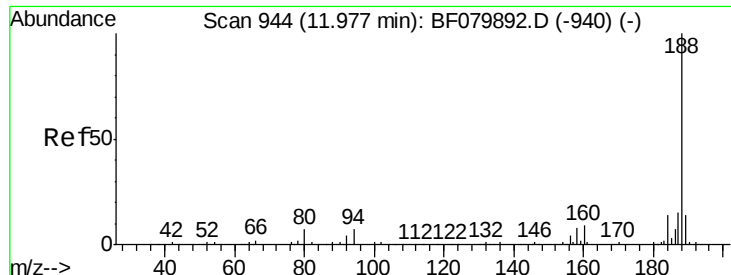
apatel
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#57
Fluorene
Concen: 13.29 ng m
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	12.9	10.3	15.5





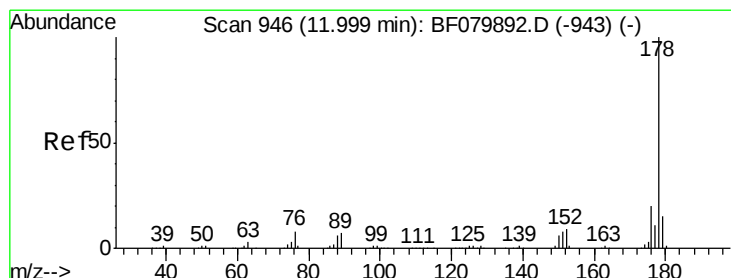
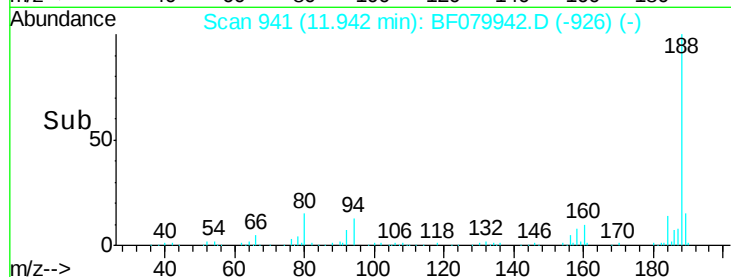
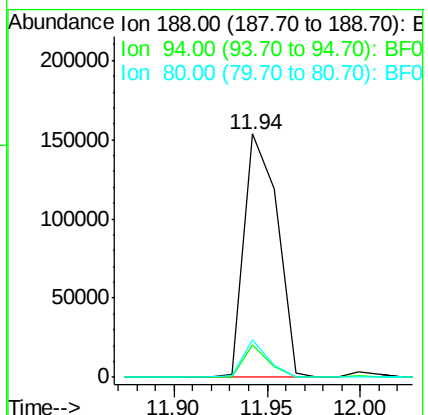
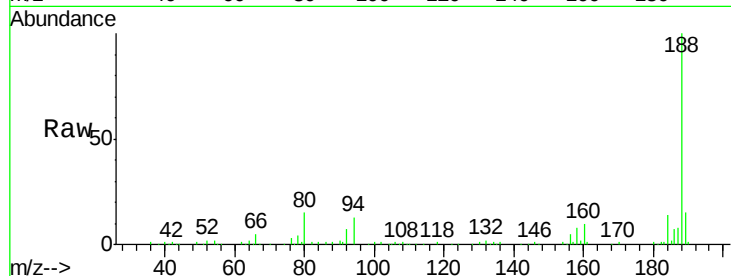
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.3	5.8	8.8#
80	15.4	5.9	8.9#

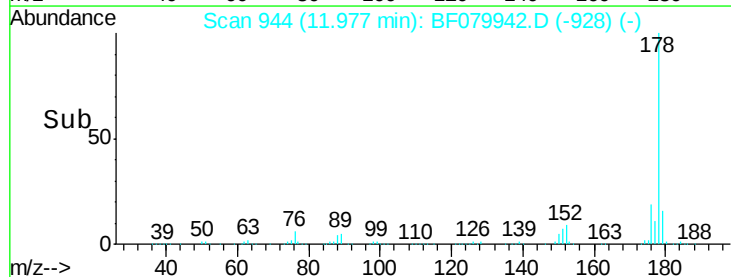
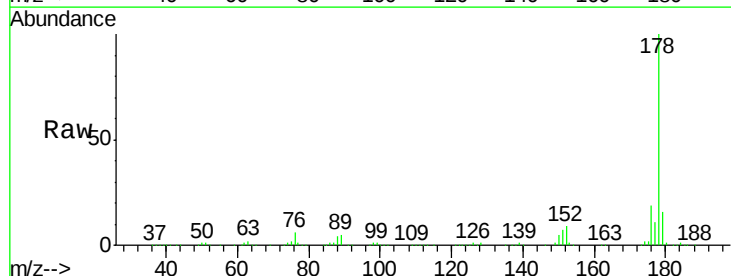
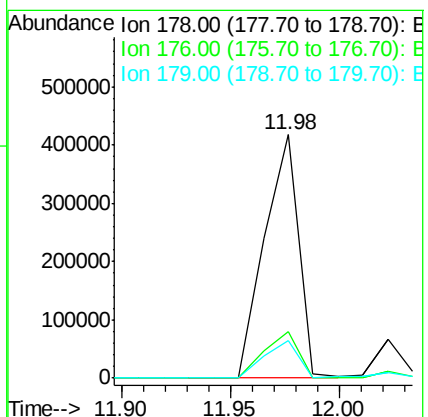
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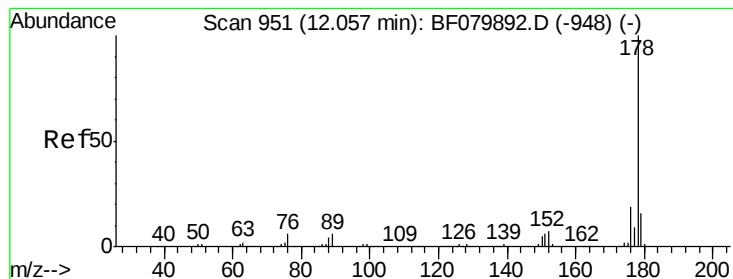
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#70
Phenanthrene
Concen: 40.56 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	15.9	23.9
179	15.5	12.3	18.5





#71

Anthracene

Concen: 5.43 ng

RT: 12.02 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

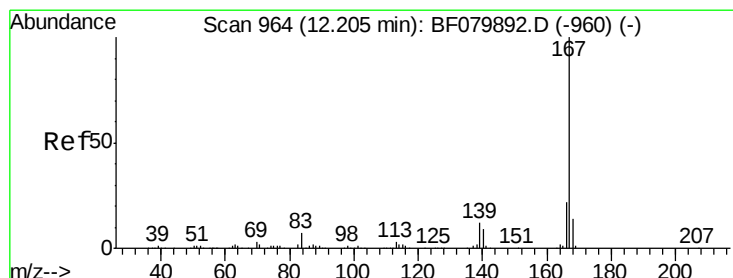
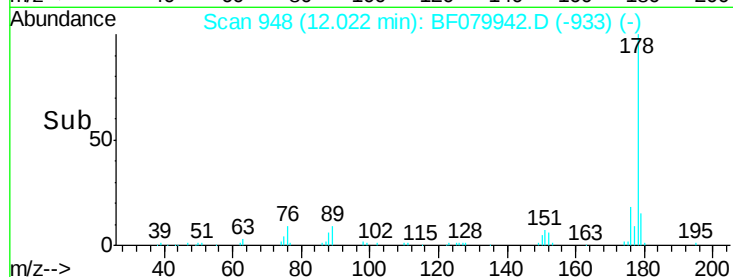
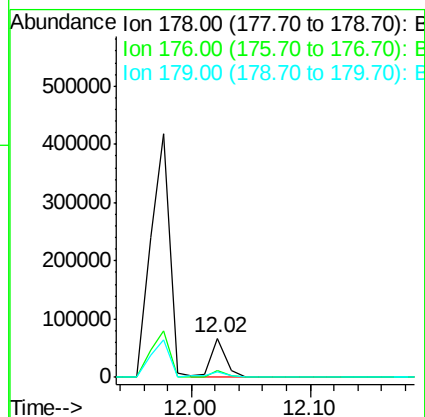
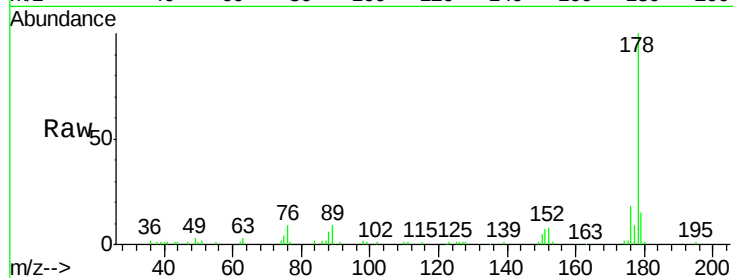
ClientSampleId :

MW-16

Tgt Ion:	178	Resp:	59608
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.2	22.8
179	14.9	12.5	18.7

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#72

Carbazole

Concen: 5.03 ng

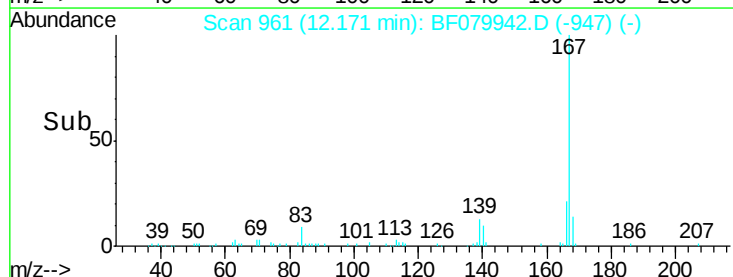
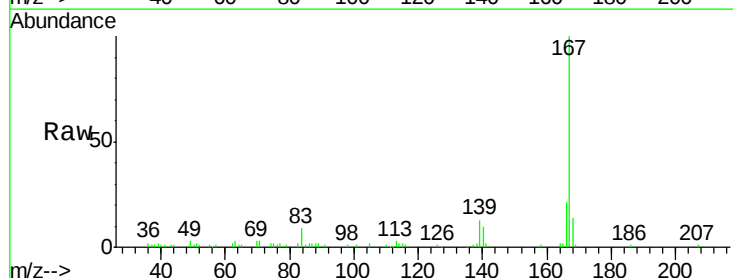
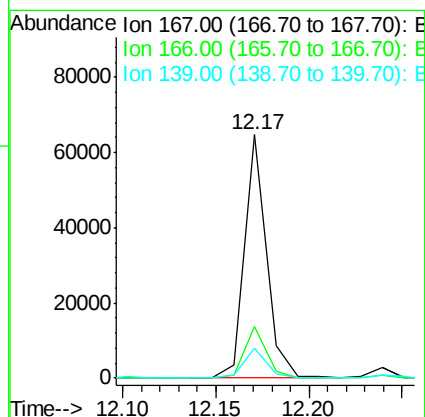
RT: 12.17 min Scan# 961

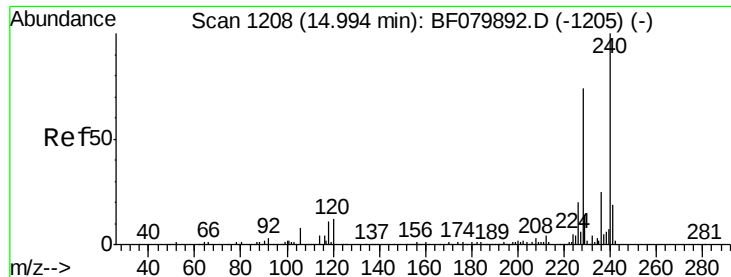
Delta R.T. -0.05 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion:	167	Resp:	53476
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.4	26.2
139	12.5	9.5	14.3





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 14.86 min Scan# 1196

Delta R.T. -0.29 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Instrument :

BNA_F

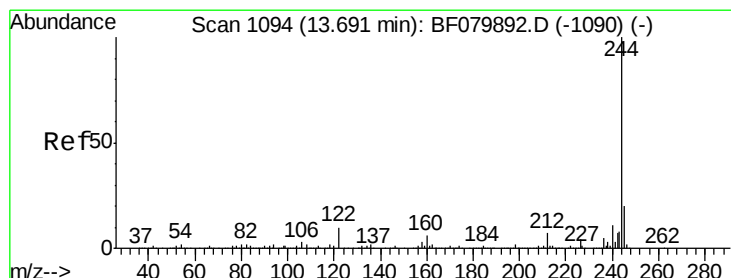
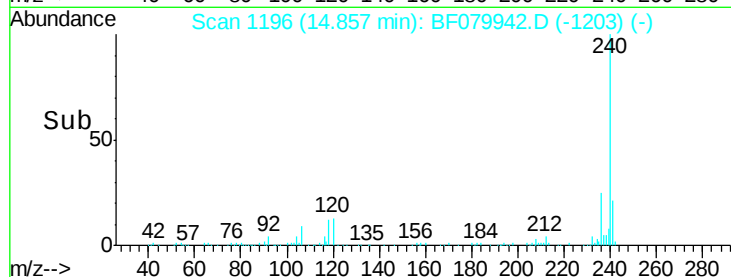
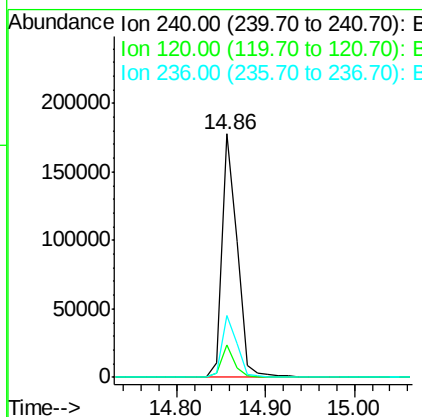
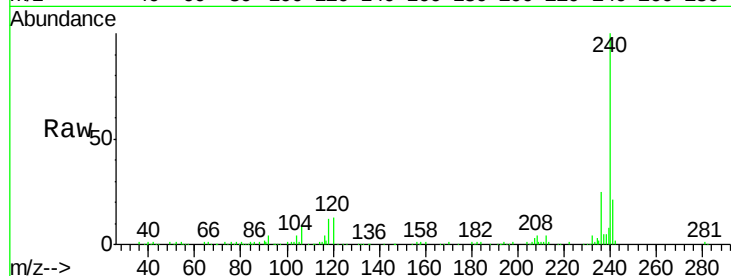
ClientSampleId :

MW-16

Tgt Ion:	240	Resp:	210692
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.4	14.2
236	25.3	19.6	29.4

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#78

Terphenyl-d14

Concen: 99.56 ng

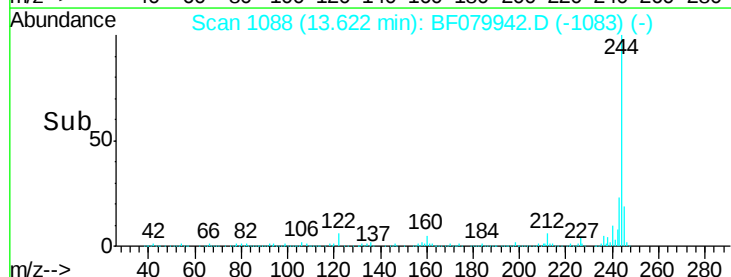
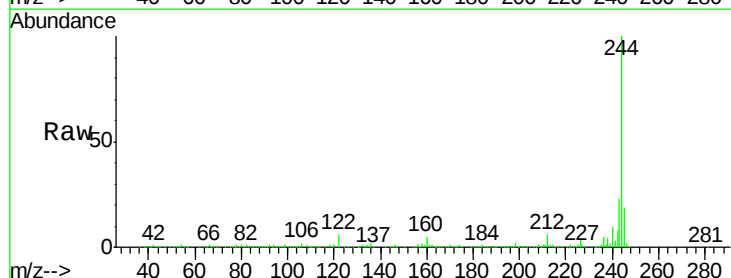
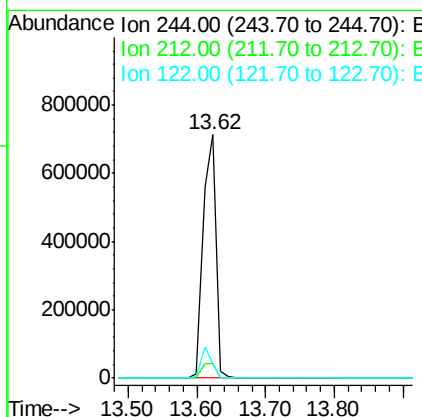
RT: 13.62 min Scan# 1088

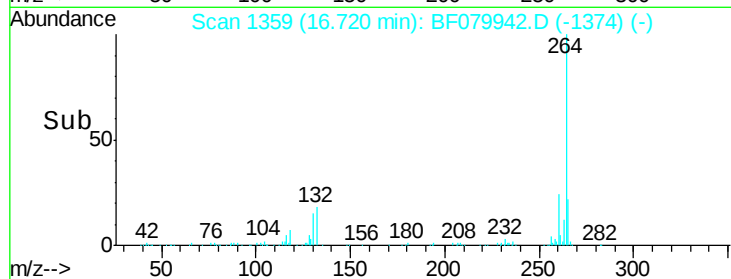
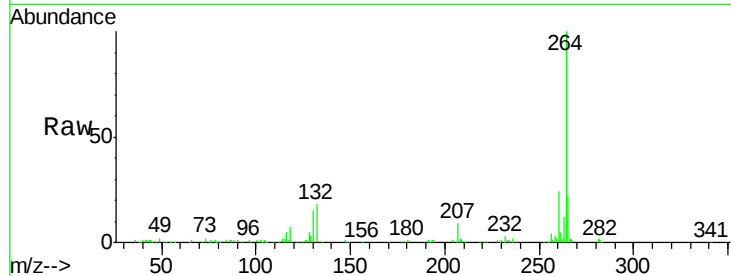
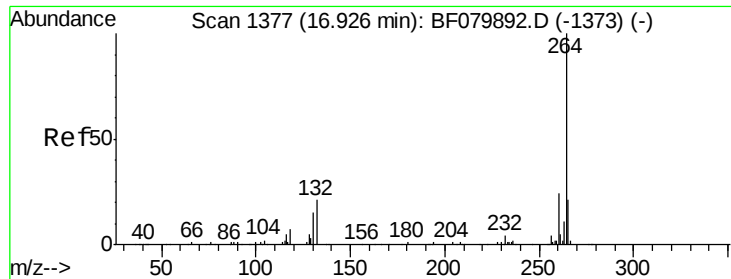
Delta R.T. -0.15 min

Lab File: BF079942.D

Acq: 12 Jun 2015 18:37

Tgt Ion:	244	Resp:	909814
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.2
122	6.2	7.8	11.8#





#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.72 min Scan# 1359
Delta R.T. -0.38 min
Lab File: BF079942.D
Acq: 12 Jun 2015 18:37

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	197423		
260	23.5	19.3	28.9	
265	21.8	17.0	25.6	

Manual Integrations
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