

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077590.D
 Acq On : 4 Mar 2015 19:10
 Operator : TP/IZ
 Sample : G1426-04
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315

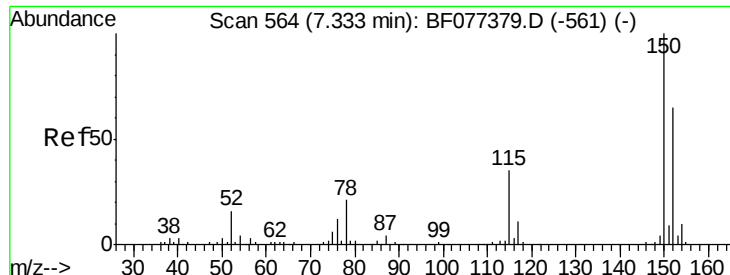
Manual Integrations
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Quant Time: Mar 05 11:07:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60526	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	243840	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	122953	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	228940	20.00	ng	0.00
75) Chrysene-d12	16.10	240	253577	20.00	ng	0.00
86) Perylene-d12	17.86	264	249839	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	234582	64.70	ng	0.00
7) Phenol-d6	6.78	99	189643	40.68	ng	0.00
23) Nitrobenzene-d5	7.91	82	408702	104.23	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	166340	140.50	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	802551	101.78	ng	0.00
78) Terphenyl-d14	14.81	244	892612	82.29	ng	0.00
Target Compounds						
3) Pyridine	3.01	79	13829m	3.14	ng	Qvalue
6) Aniline	6.81	93	21860	3.39	ng	90
10) Phenol	6.80	94	11334	2.05	ng	75
13) 1,4-Dichlorobenzene	7.24	146	43991	9.29	ng	98
14) 1,2-Dichlorobenzene	7.43	146	811457	180.05	ng	95
30) 1,2,4-Trichlorobenzene	8.73	180	362729	92.91	ng	97
31) Naphthalene	8.82	128	249450	20.46	ng	99
33) 4-Chloroaniline	8.88	127	335518	61.88	ng	# 92
37) 2-Methylnaphthalene	9.68	142	199661	23.06	ng	98
45) 1,1'-Biphenyl	10.27	154	24744	2.66	ng	98
49) Dimethylphthalate	10.65	163	22729	2.63	ng	98
51) Acenaphthene	11.01	154	69725	10.10	ng	99
54) Dibenzofuran	11.23	168	32513	3.05	ng	97
56) 2,4-Dinitrotoluene	11.22	165	61153	26.11	ng	90
57) Fluorene	11.65	166	74056	8.69	ng	99

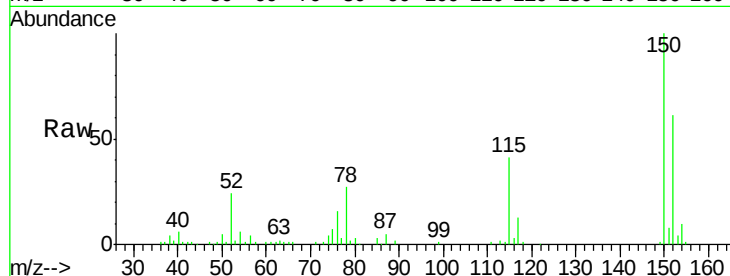
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

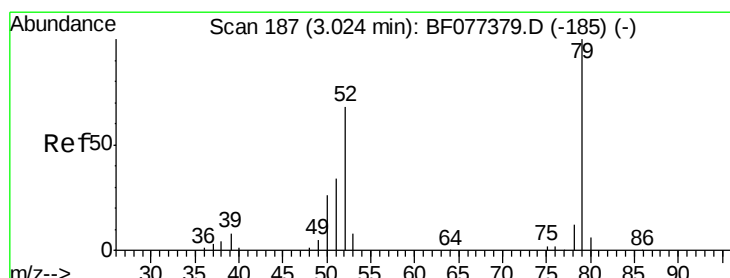
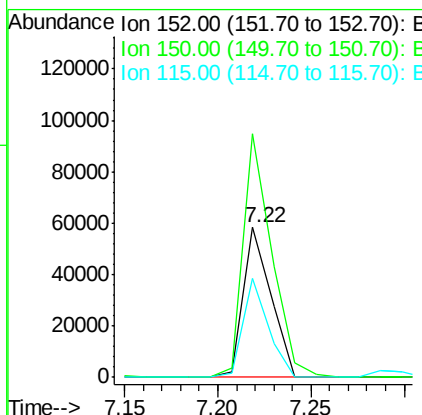
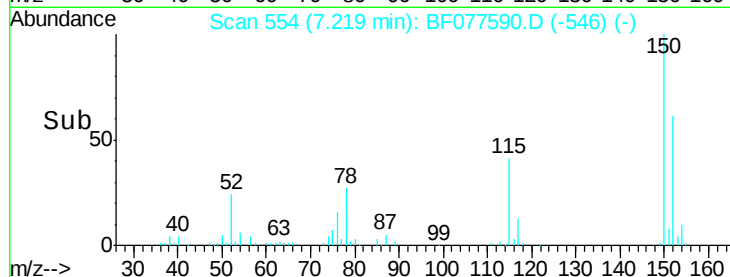
Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.0	186.0
115	66.3	49.4	74.2

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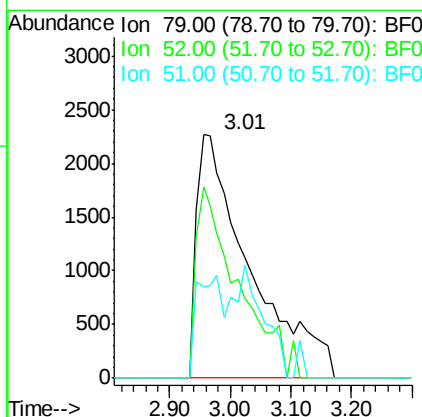
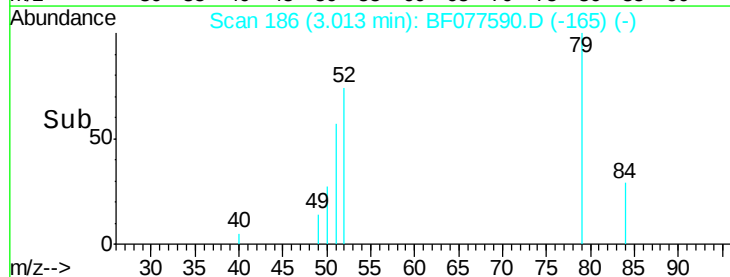
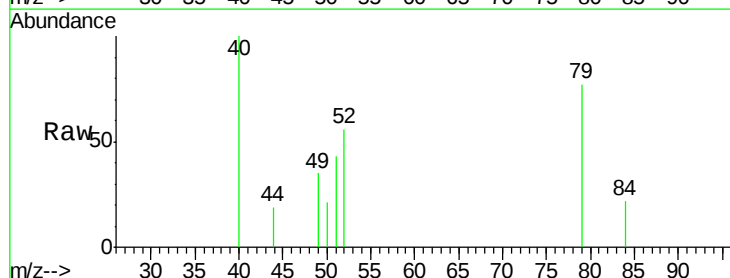
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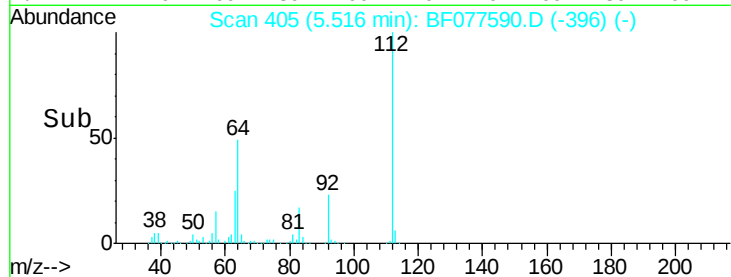
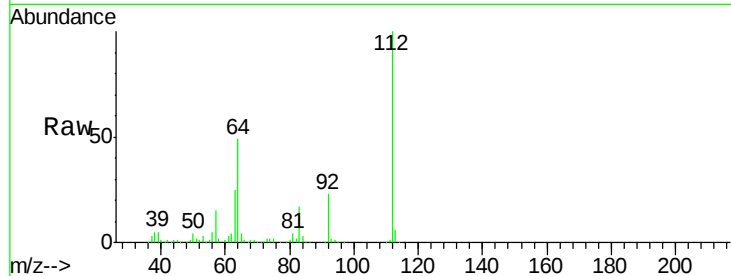
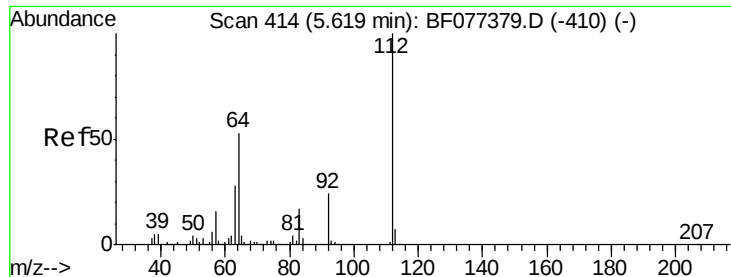


#3

Pyridine
Concen: 3.14 ng m
RT: 3.01 min Scan# 186
Delta R.T. 0.15 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.7	57.7	86.5
51	56.5	28.5	42.7





#5

2-Fluorophenol

Concen: 64.70 ng

RT: 5.51 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Tgt Ion:	112	Resp:	234582
Ion Ratio	Lower	Upper	
112	100		
64	49.4	48.5	72.7
63	25.3	25.0	37.4

Instrument :

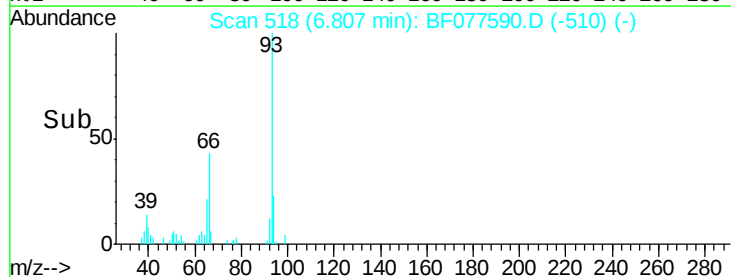
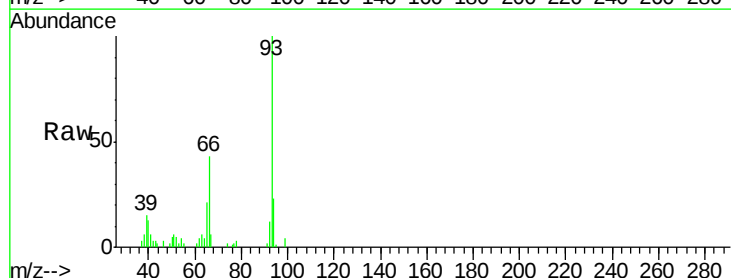
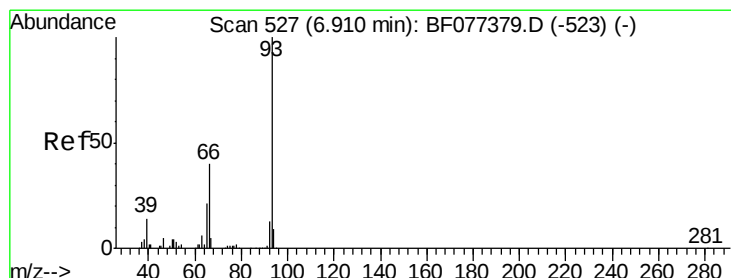
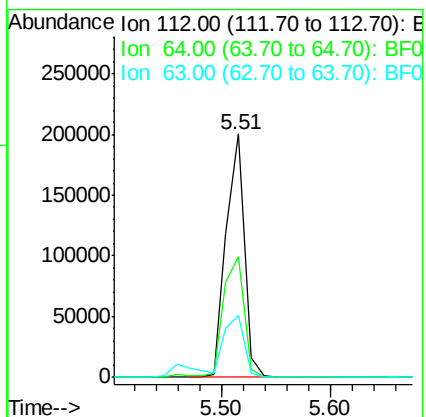
BNA_F

ClientSampleId :

DCW-WW-067-3315

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#6

Aniline

Concen: 3.39 ng

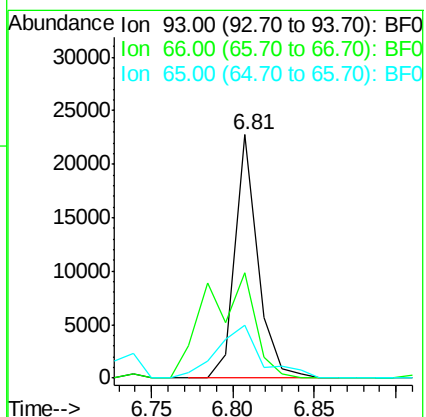
RT: 6.81 min Scan# 518

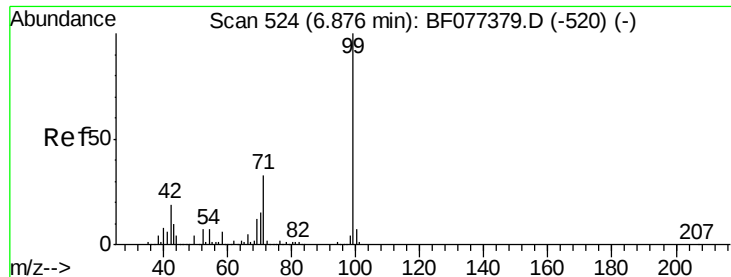
Delta R.T. -0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Tgt Ion:	93	Resp:	21860
Ion Ratio	Lower	Upper	
93	100		
66	43.3	29.1	43.7
65	21.5	14.6	22.0





#7

Phenol-d6

Concen: 40.68 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Instrument :

BNA_F

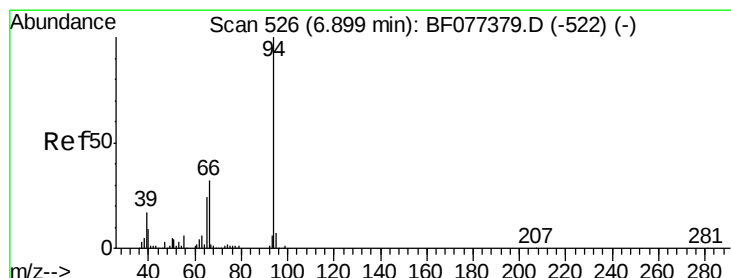
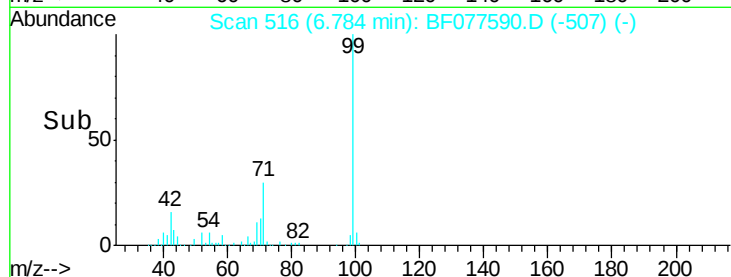
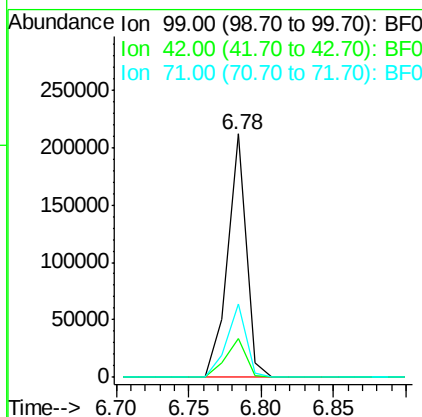
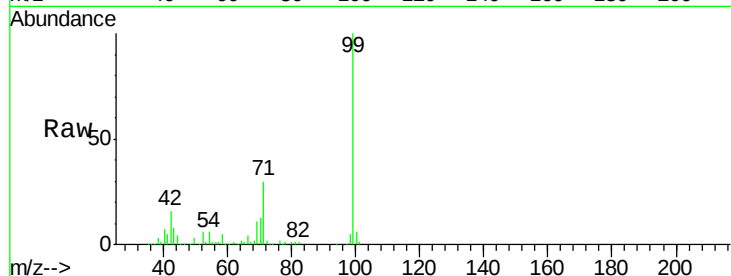
ClientSampleId :

DCW-WW-067-3315

Tgt Ion:	99	Resp:	189643
Ion Ratio	Lower	Upper	
99	100		
42	15.8	16.2	24.4#
71	30.1	26.7	40.1

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#10

Phenol

Concen: 2.05 ng

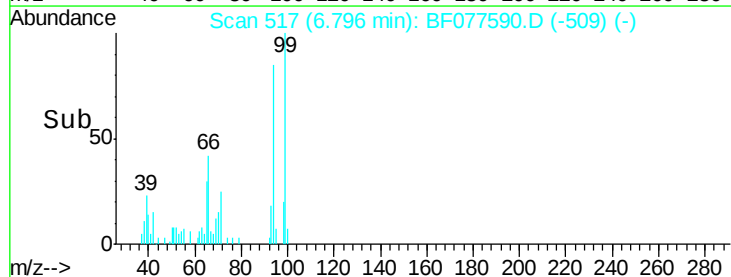
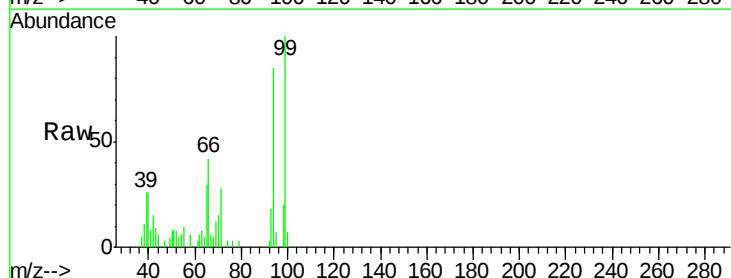
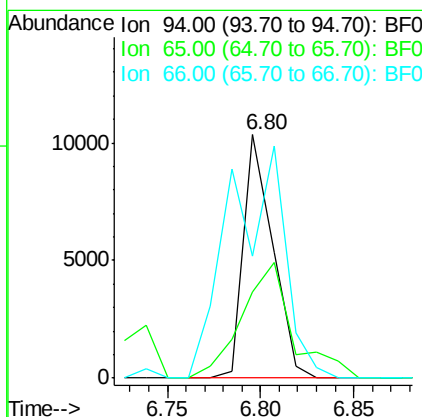
RT: 6.80 min Scan# 517

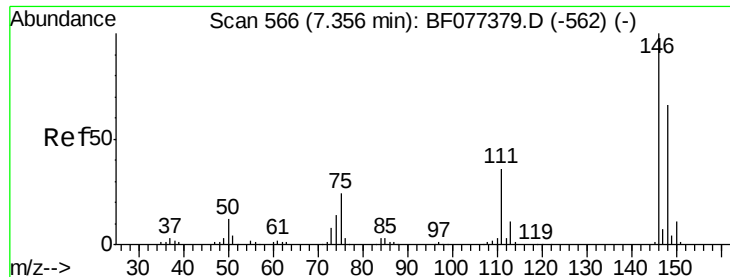
Delta R.T. -0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Tgt Ion:	94	Resp:	11334
Ion Ratio	Lower	Upper	
94	100		
65	35.6	5.7	45.7
66	49.9	13.6	53.6





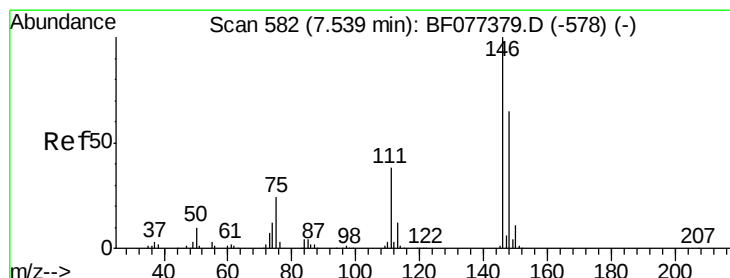
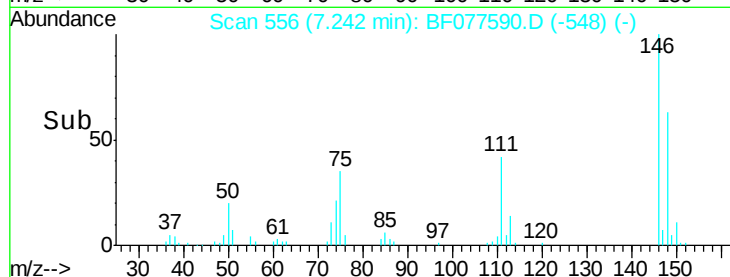
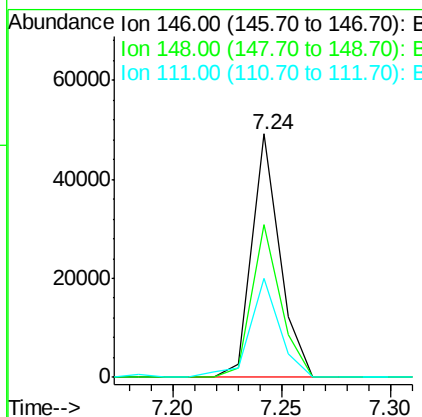
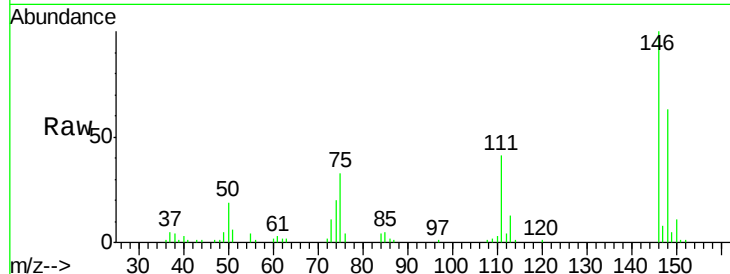
#13
 1,4-Dichlorobenzene
 Concen: 9.29 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.0	78.0
111	40.6	31.9	47.9

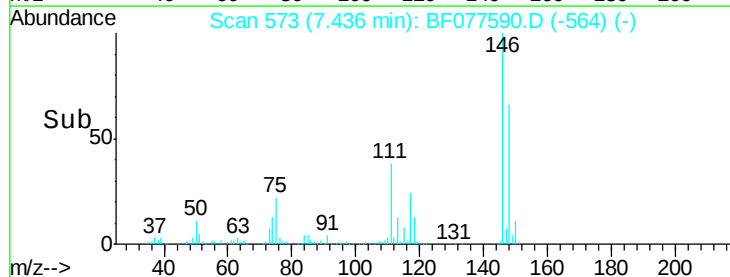
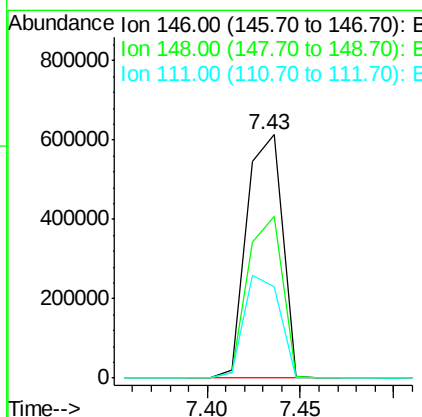
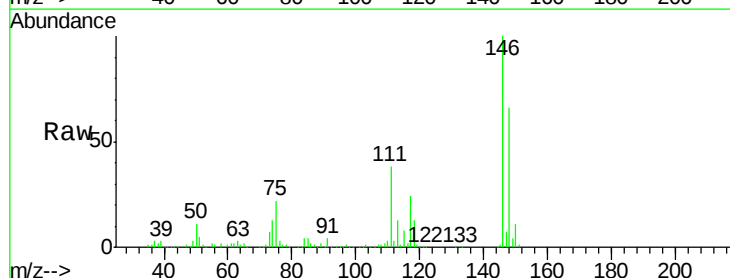
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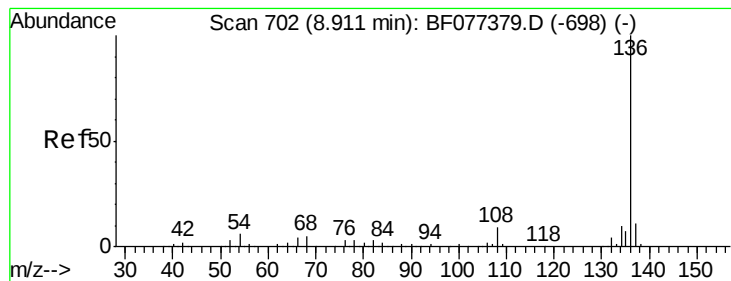
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#14
 1,2-Dichlorobenzene
 Concen: 180.05 ng
 RT: 7.43 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.6	77.4
111	37.8	34.2	51.2





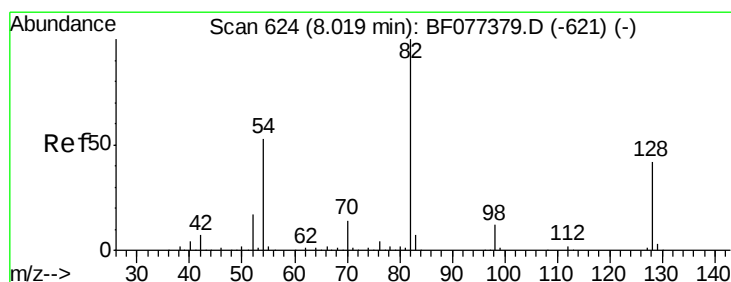
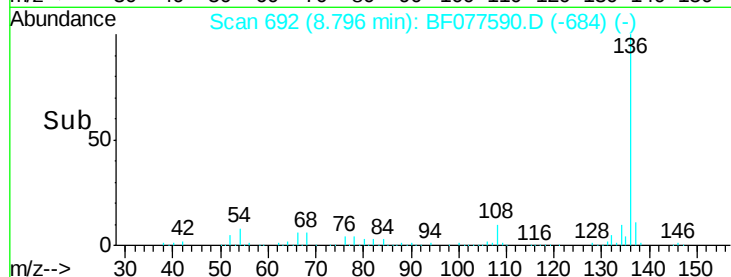
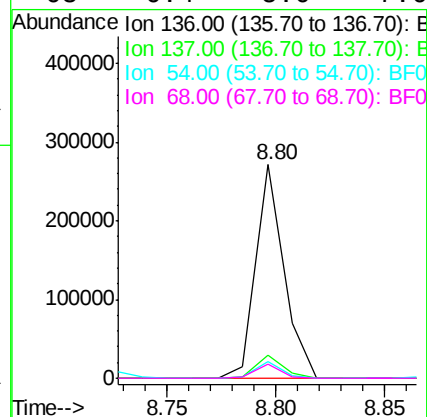
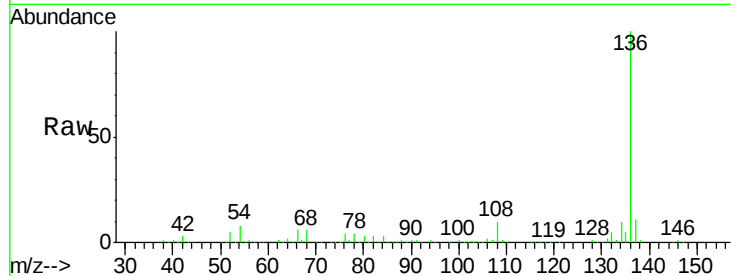
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	243840		
137	10.9	8.6	13.0	
54	8.0	6.2	9.4	
68	6.4	5.0	7.6	

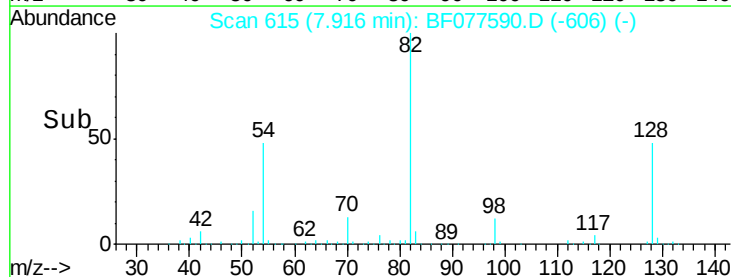
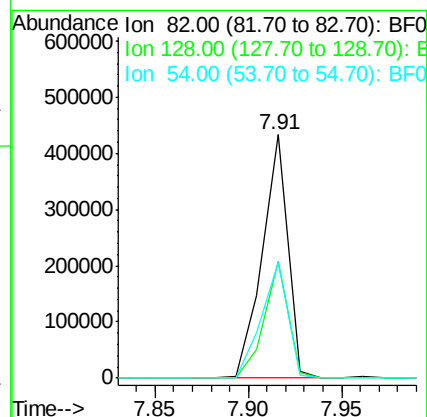
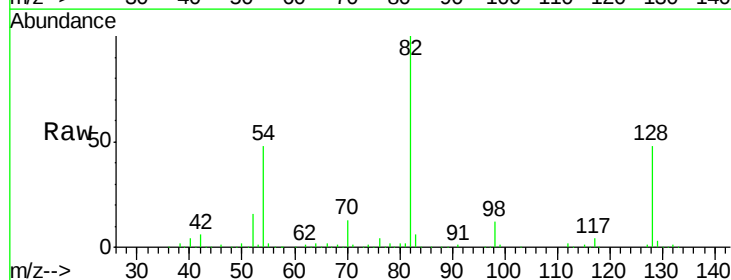
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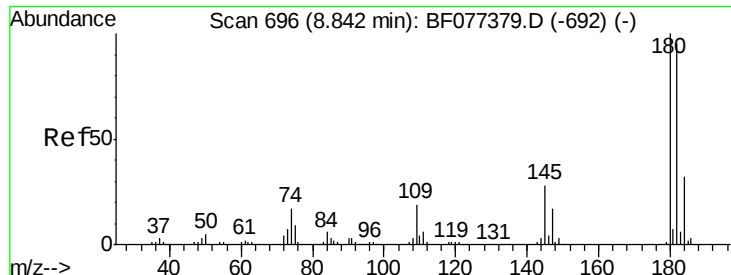
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#23
Nitrobenzene-d5
Concen: 104.23 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	408702		
128	47.8	43.8	65.8	
54	47.6	36.7	55.1	





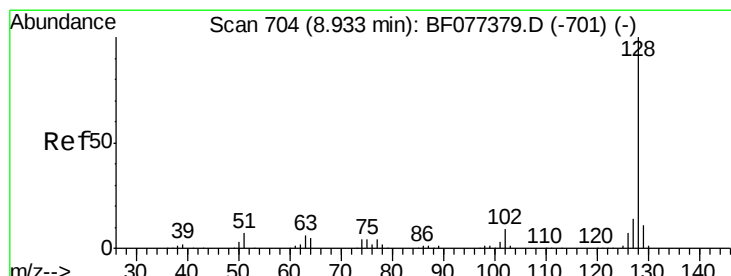
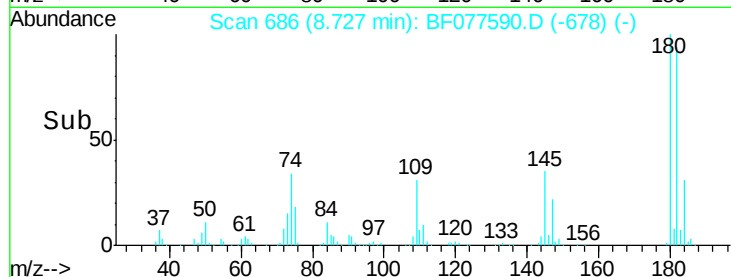
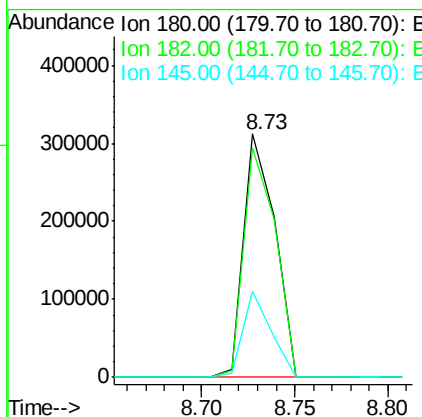
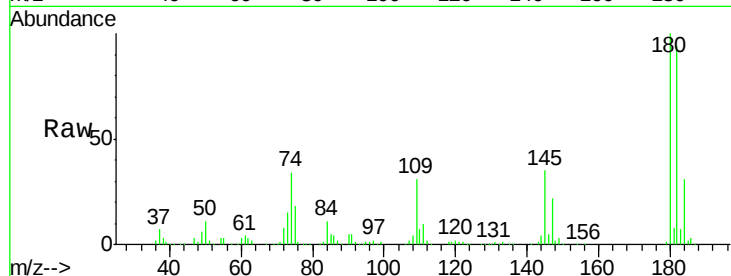
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 1,2,4-Trichlorobenzene
 Concen: 92.91 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	362729		
182	94.1	76.2	114.4	
145	35.2	24.5	36.7	

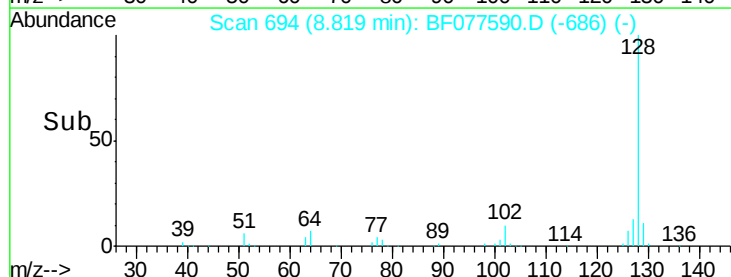
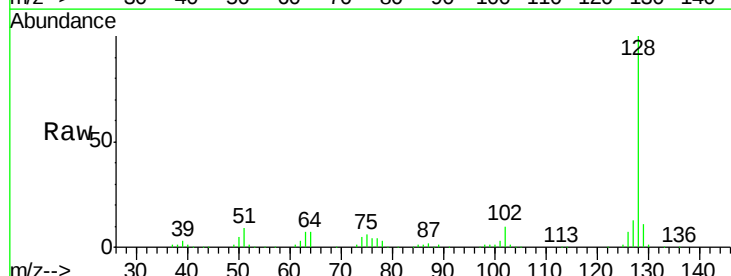
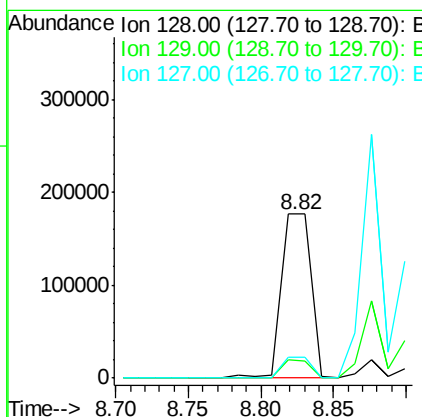
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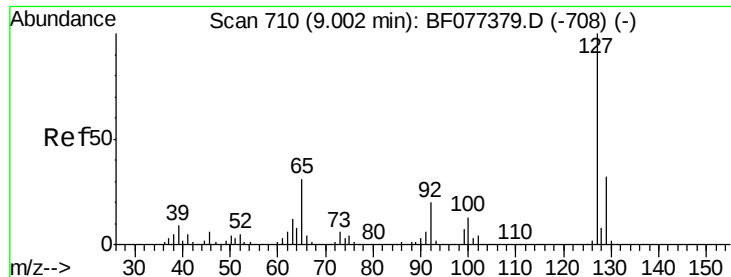
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#31
 Naphthalene
 Concen: 20.46 ng
 RT: 8.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	249450		
129	11.0	9.4	14.0	
127	12.9	10.6	15.8	





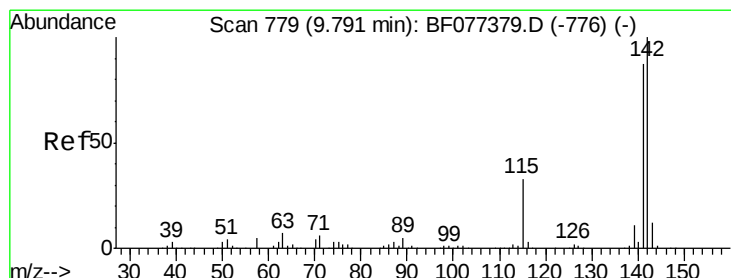
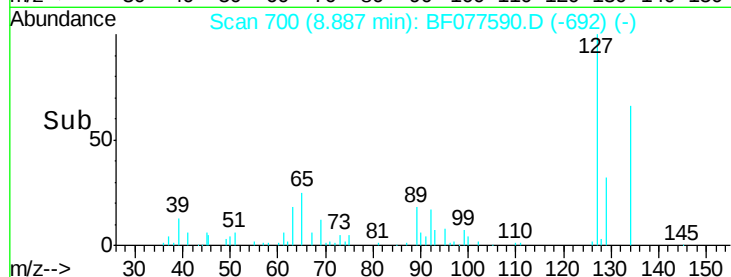
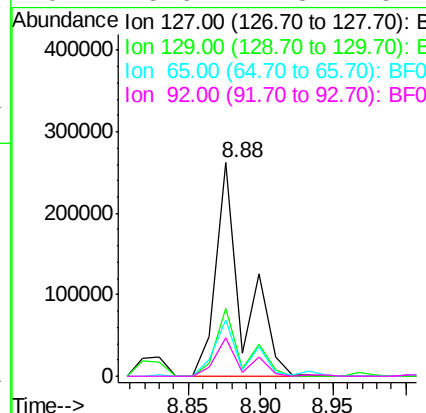
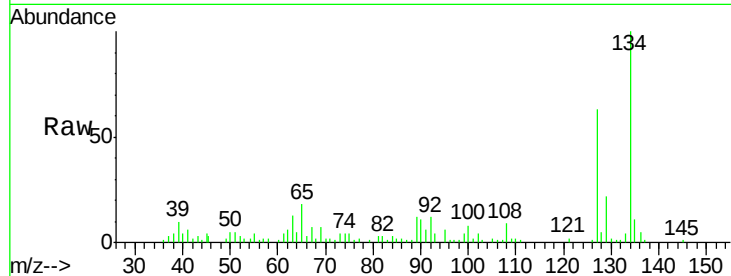
#33
4-Chloroaniline
Concen: 61.88 ng
RT: 8.88 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	34.8	26.9	40.3
65	29.0	16.7	25.1#
92	18.6	12.5	18.7

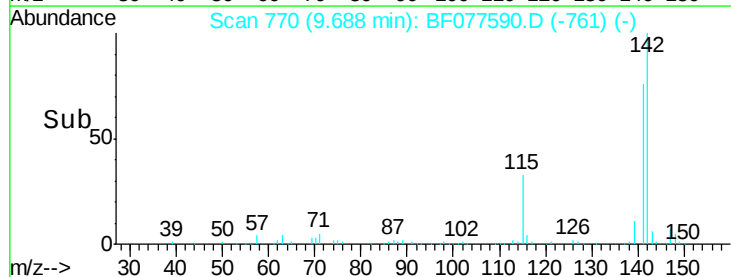
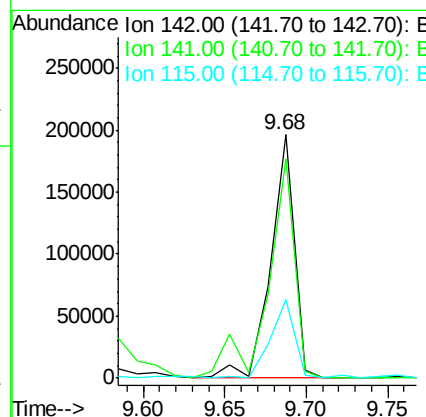
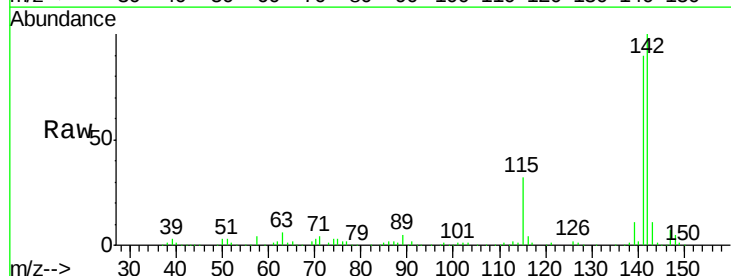
Manual Integrations
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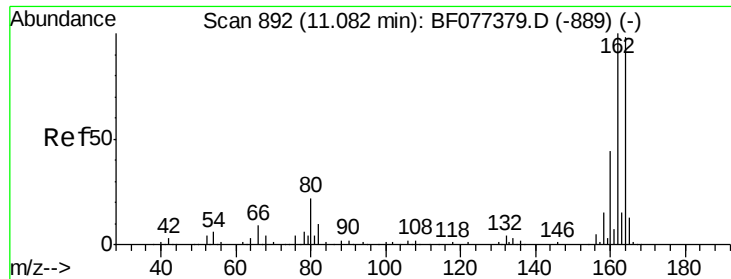
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#37
2-Methylnaphthalene
Concen: 23.06 ng
RT: 9.68 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.0	70.7	106.1
115	32.0	24.2	36.4





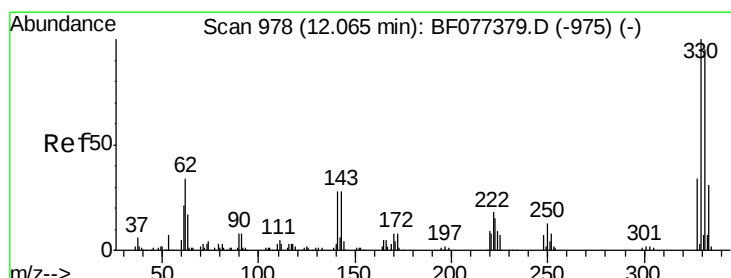
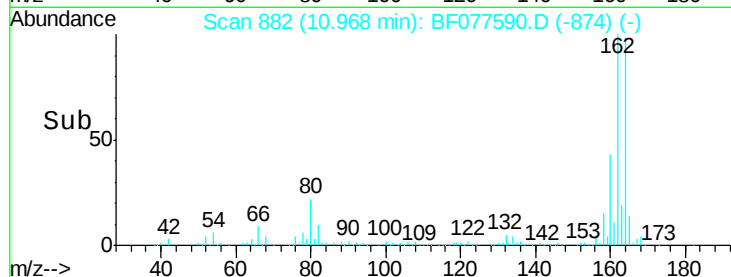
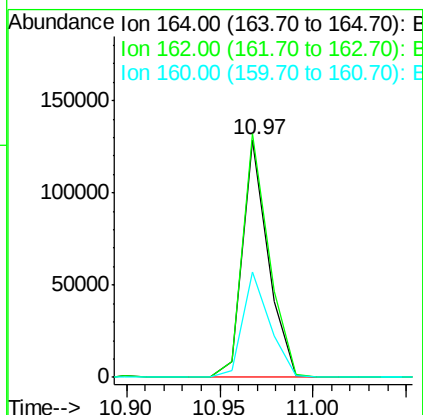
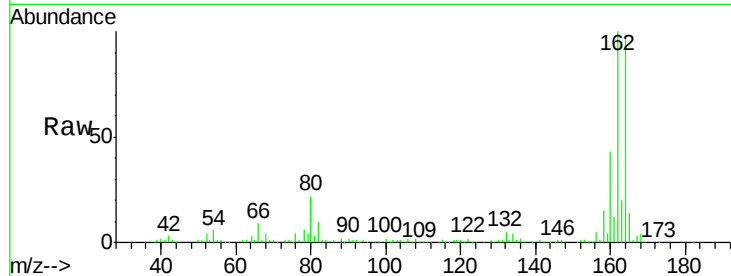
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122953		
162	102.5	83.2	124.8	
160	44.6	34.6	52.0	

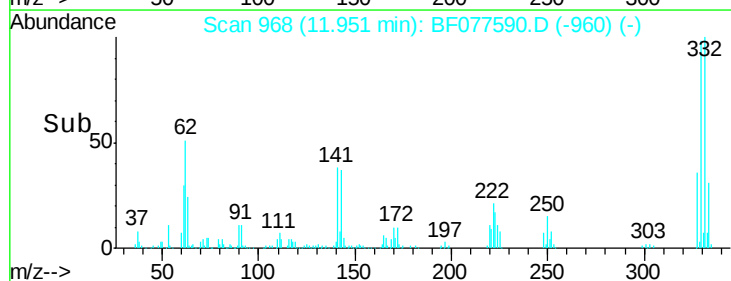
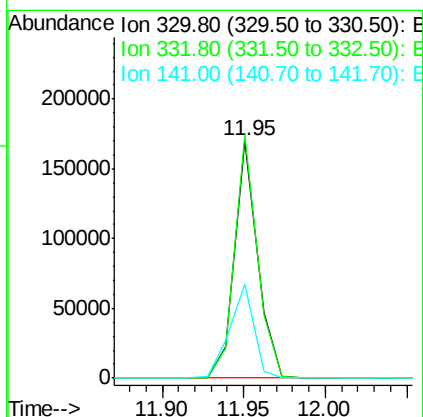
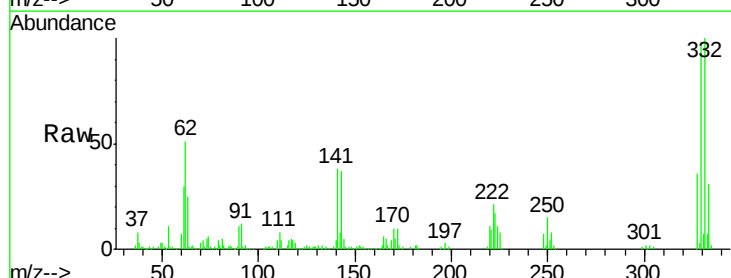
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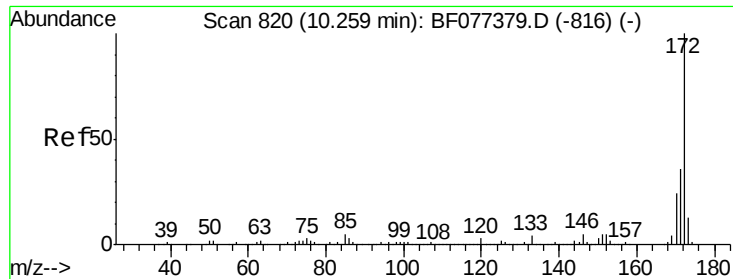
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#41
2,4,6-Tribromophenol
Concen: 140.50 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	166340		
332	100.3	77.4	116.2	
141	41.9	28.8	43.2	





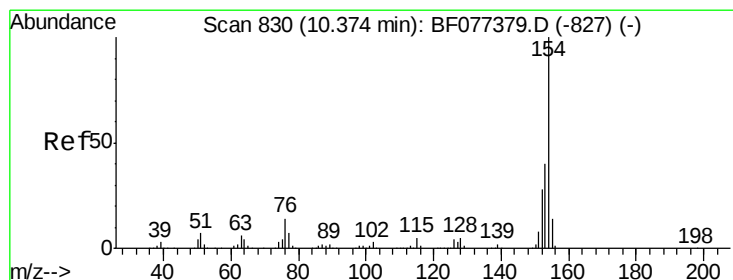
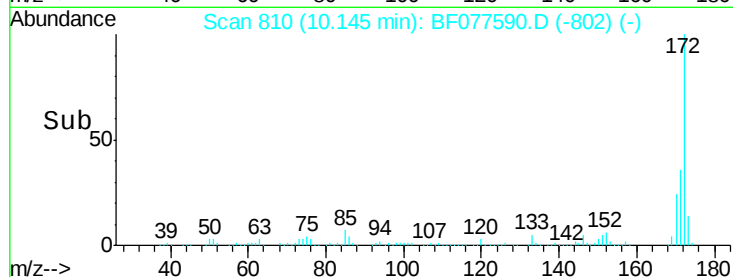
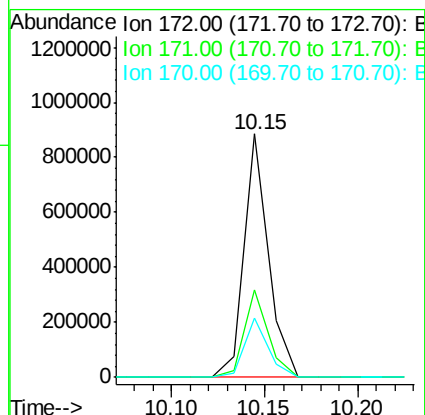
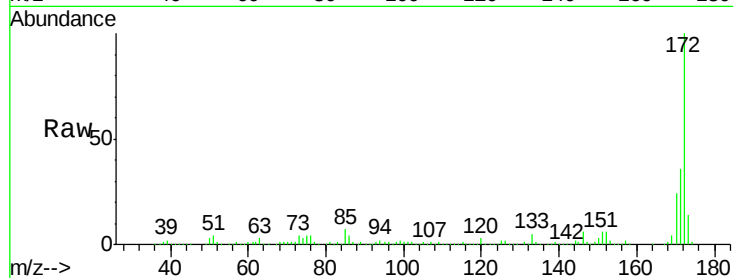
#44
2-Fluorobiphenyl
Concen: 101.78 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	802551		
171	35.7	28.9	43.3	
170	24.1	19.4	29.2	

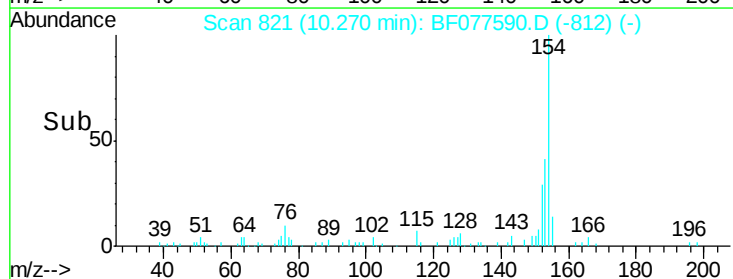
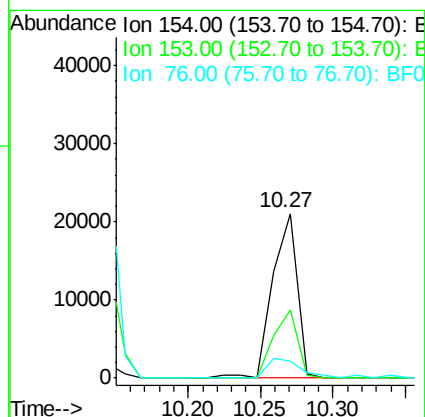
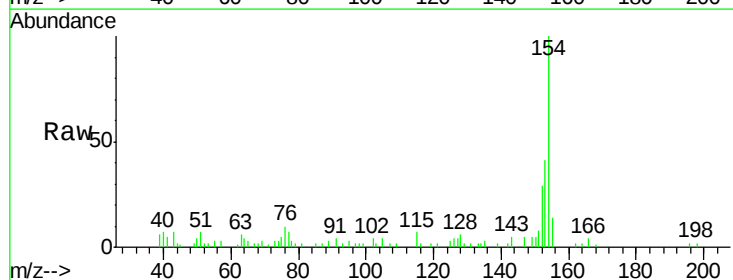
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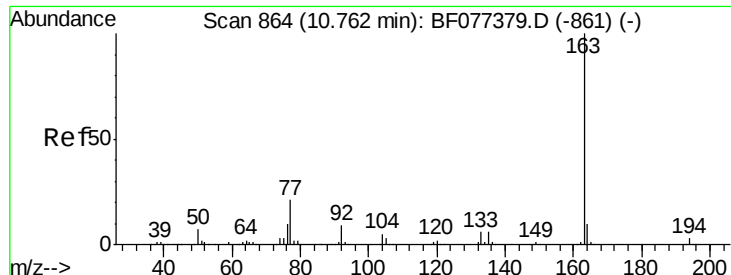
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#45
1,1'-Biphenyl
Concen: 2.66 ng
RT: 10.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	24744		
153	41.3	20.2	60.2	
76	10.1	0.0	29.4	





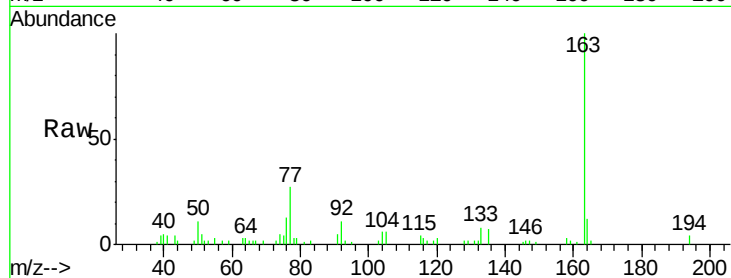
#49
Dimethylphthalate
Concen: 2.63 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

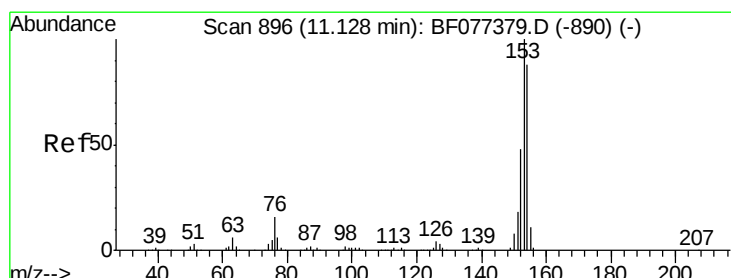
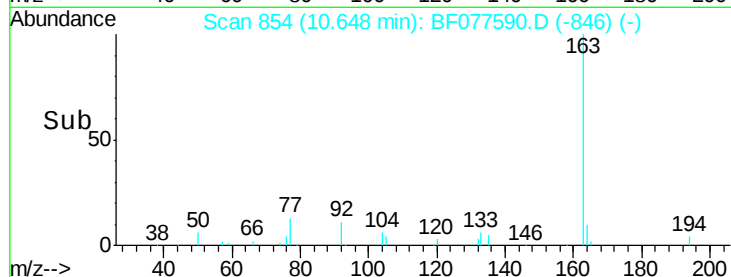
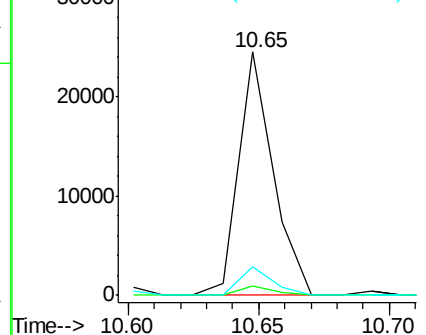
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	22729		
194	3.8	2.6	4.0	
164	11.8	8.6	13.0	

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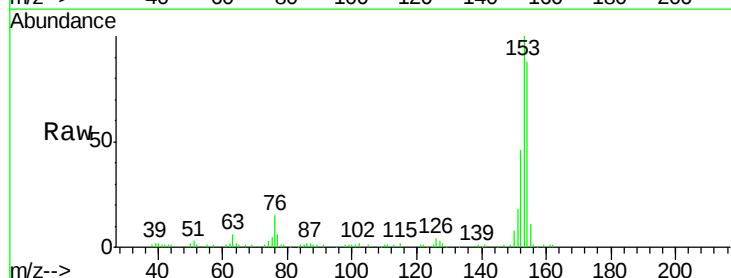


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

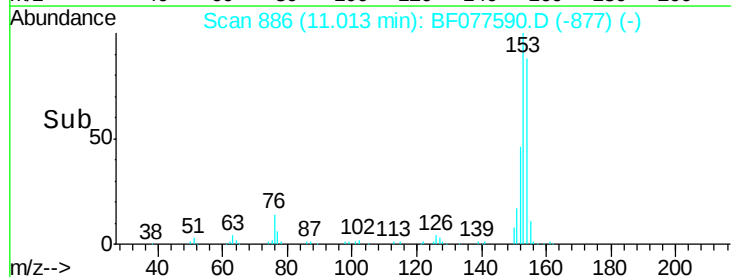
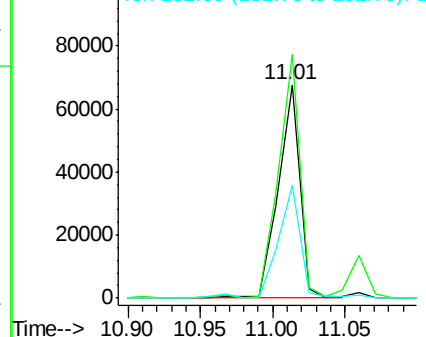


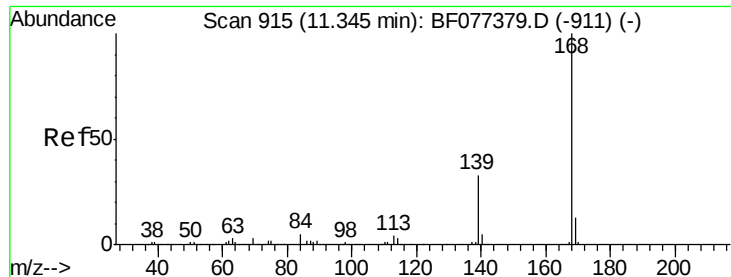
#51
Acenaphthene
Concen: 10.10 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	69725		
153	114.0	90.5	135.7	
152	52.7	43.5	65.3	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





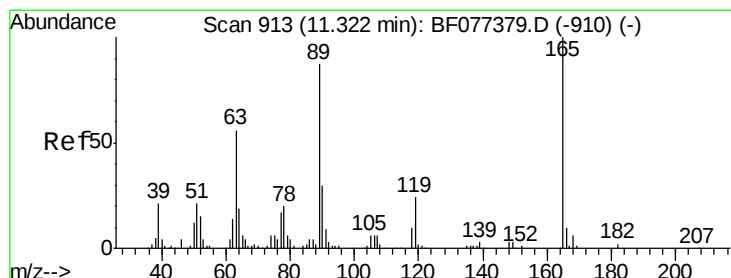
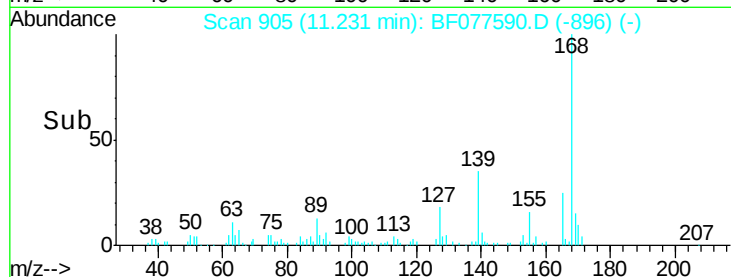
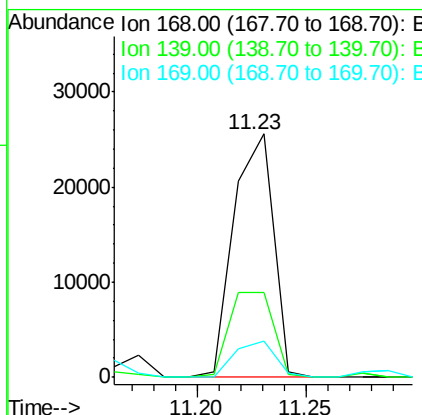
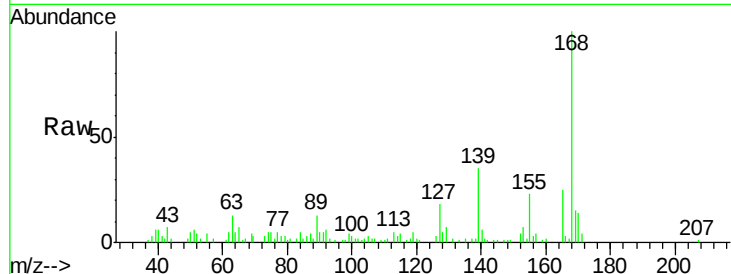
#54
Dibenzofuran
Concen: 3.05 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	32513		
139	35.1	29.3	43.9	
169	15.1	10.9	16.3	

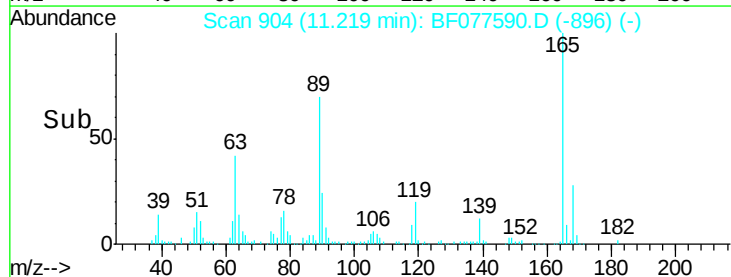
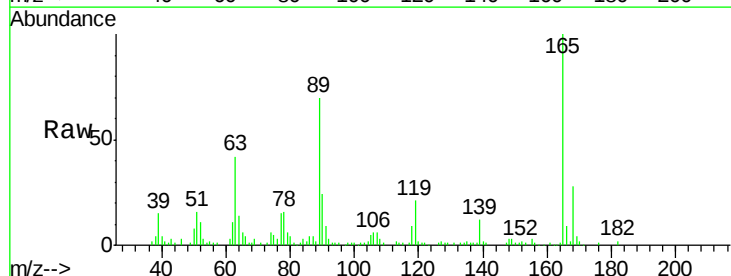
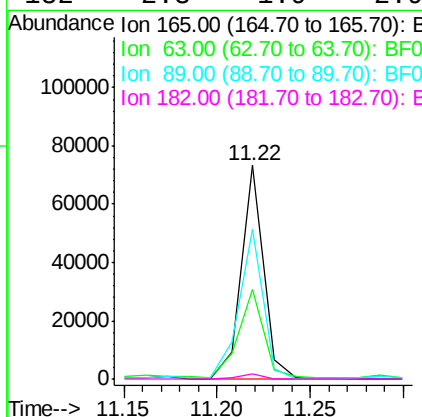
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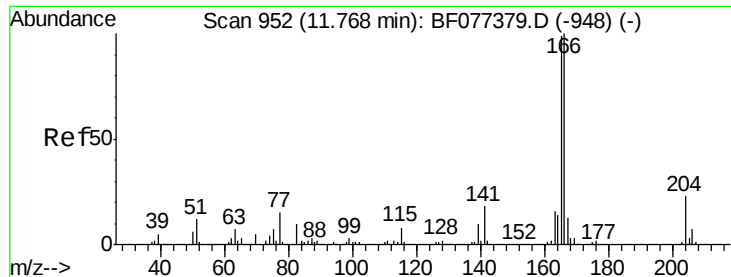
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#56
2,4-Dinitrotoluene
Concen: 26.11 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61153		
63	42.1	29.8	44.8	
89	69.9	48.5	72.7	
182	2.3	1.9	2.9	





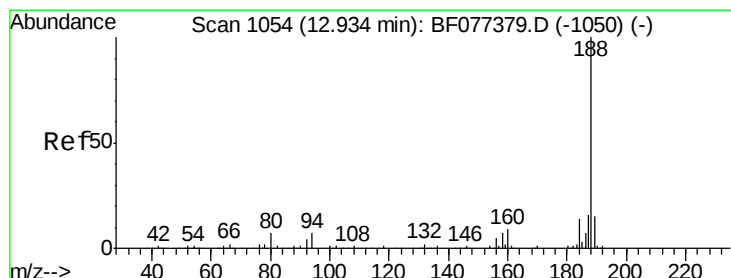
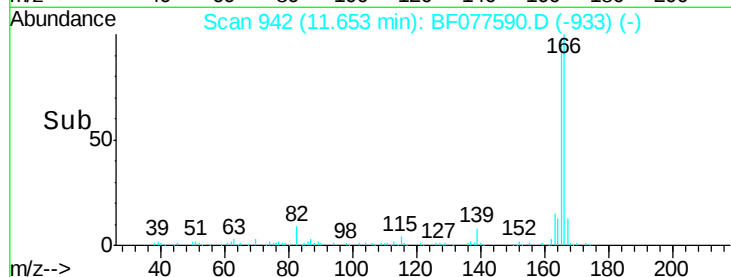
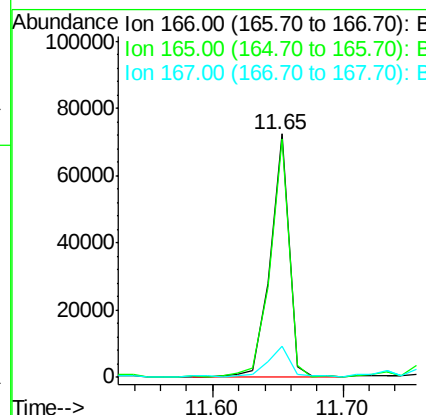
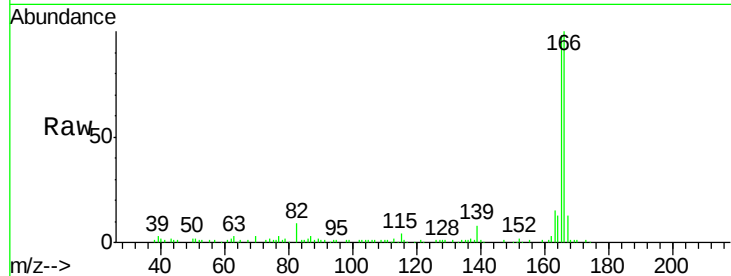
#57
Fluorene
 Concen: 8.69 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-067-3315

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	74056		
165	98.1		77.6	116.4
167	12.8		10.6	16.0

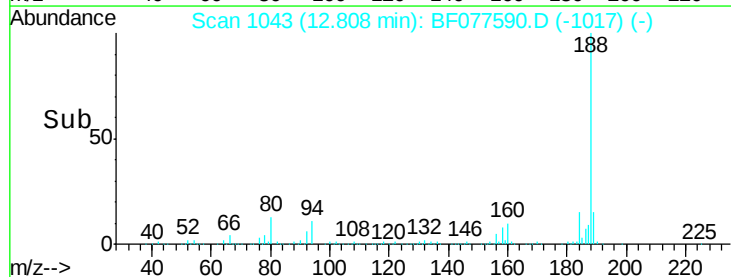
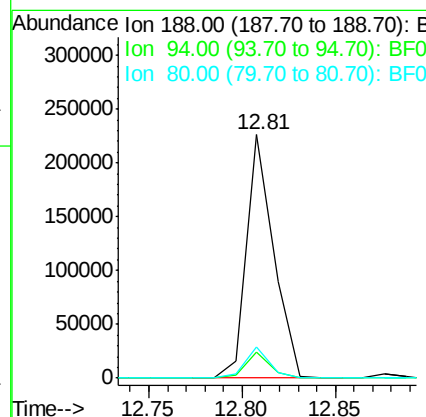
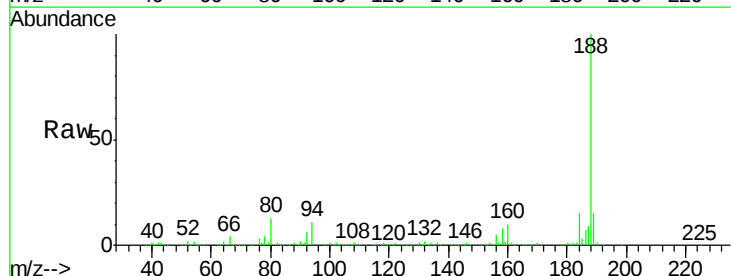
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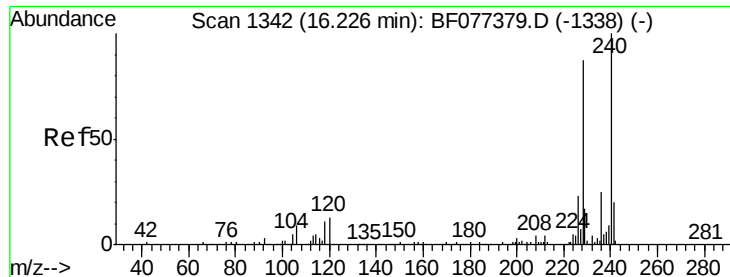
mohammad
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077590.D
 Acq: 4 Mar 2015 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	228940		
94	10.8		7.4	11.2
80	12.8		8.0	12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Instrument :

BNA_F

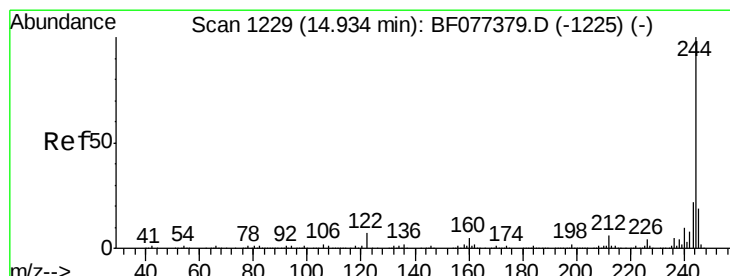
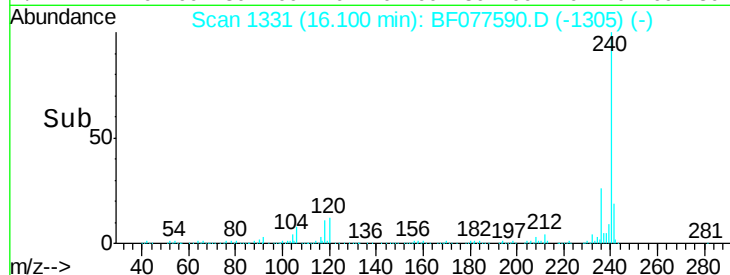
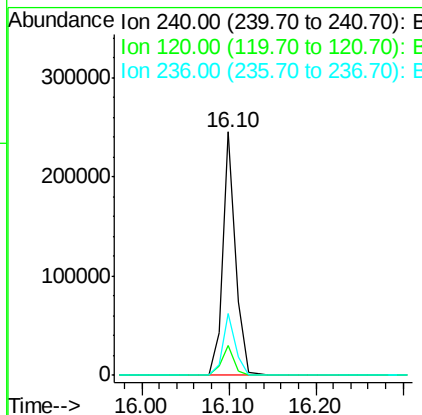
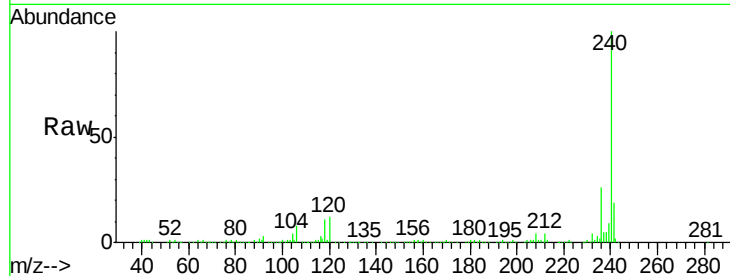
ClientSampleId :

DCW-WW-067-3315

Tgt	Ion	240	Resp:	253577
Ion	Ratio	Lower	Upper	
240	100			
120	12.4	8.8	13.2	
236	25.6	20.7	31.1	

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#78

Terphenyl-d14

Concen: 82.29 ng

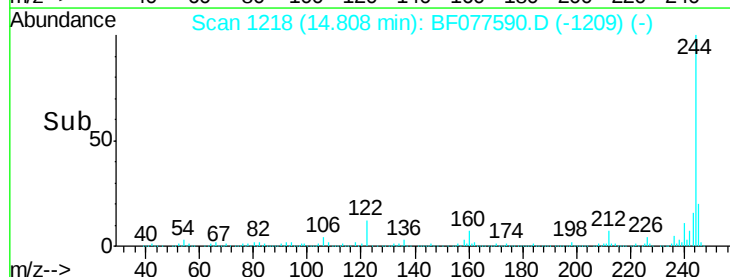
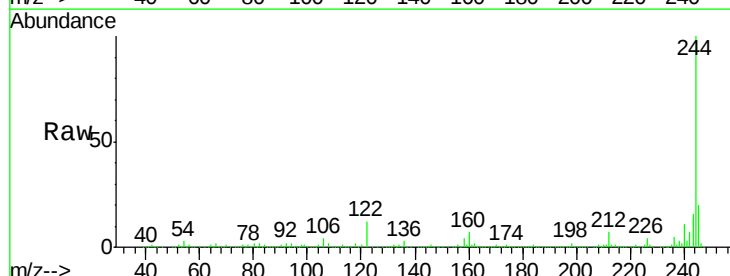
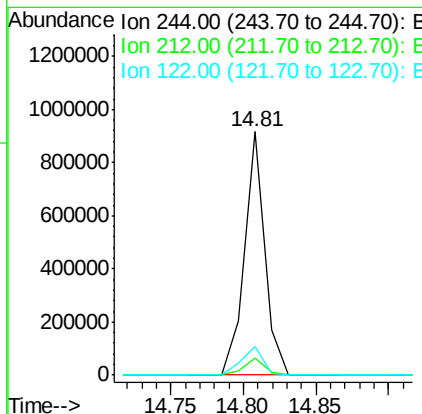
RT: 14.81 min Scan# 1218

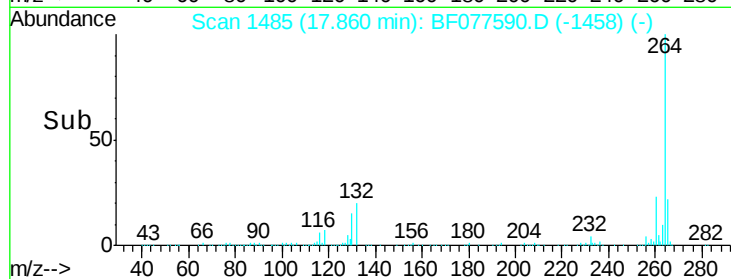
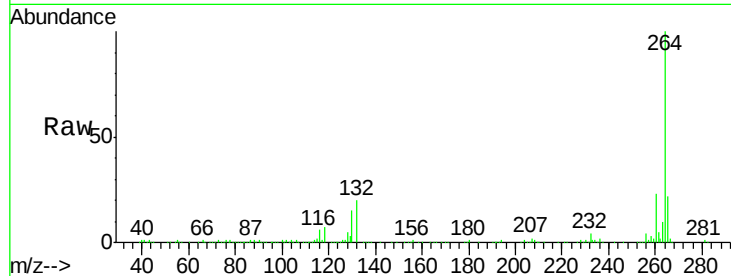
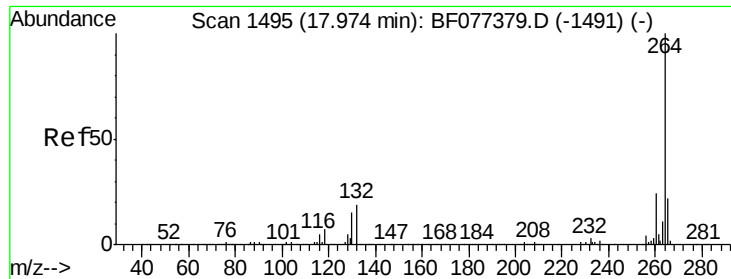
Delta R.T. -0.00 min

Lab File: BF077590.D

Acq: 4 Mar 2015 19:10

Tgt	Ion	244	Resp:	892612
Ion	Ratio	Lower	Upper	
244	100			
212	6.8	5.2	7.8	
122	11.9	7.8	11.8#	





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF077590.D
Acq: 4 Mar 2015 19:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-067-3315

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	19.3	28.9
265	21.8	16.8	25.2

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