

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079436.D
 Acq On : 22 May 2015 16:40
 Operator : TP/IZ
 Sample : G2255-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

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Quant Time: May 26 11:30:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	54209m	20.00	ng	0.01
21) Naphthalene-d8	8.64	136	223286	20.00	ng	0.01
38) Acenaphthene-d10	10.81	164	114141	20.00	ng	0.01
63) Phenanthrene-d10	12.64	188	212890	20.00	ng	0.00
75) Chrysene-d12	15.93	240	216071	20.00	ng	-0.03
86) Perylene-d12	17.71	264	216104	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	23858m	7.58	ng	0.02
7) Phenol-d6	6.71	99	37137m	8.92	ng	0.08
23) Nitrobenzene-d5	7.76	82	17188	4.42	ng	0.01
41) 2,4,6-Tribromophenol	11.78	330	21516	17.42	ng	0.00
44) 2-Fluorobiphenyl	9.99	172	102096	12.46	ng	0.01
78) Terphenyl-d14	14.63	244	98745	10.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.72	94	141358m	29.27	ng	
12) 1,3-Dichlorobenzene	6.98	146	145625	36.27	ng	# 95
13) 1,4-Dichlorobenzene	7.08	146	386515	93.55	ng	98
14) 1,2-Dichlorobenzene	7.27	146	1699718	441.91	ng	97
17) 2-Methylphenol	7.43	107	108214m	37.65	ng	
20) 3+4-Methylphenols	7.62	107	328897m	85.88	ng	
27) 2,4-Dimethylphenol	8.30	122	127412m	39.95	ng	
30) 1,2,4-Trichlorobenzene	8.58	180	10882	3.49	ng	97
31) Naphthalene	8.67	128	1002535	94.23	ng	99
37) 2-Methylnaphthalene	9.53	142	93323	12.66	ng	# 95
45) 1,1'-Biphenyl	10.11	154	38534	4.25	ng	90
49) Dimethylphthalate	10.50	163	17146	2.05	ng	# 89
59) Diethylphthalate	11.37	149	120612	14.53	ng	98
83) Bis(2-ethylhexyl)phthalate	15.99	149	58802	7.13	ng	99

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

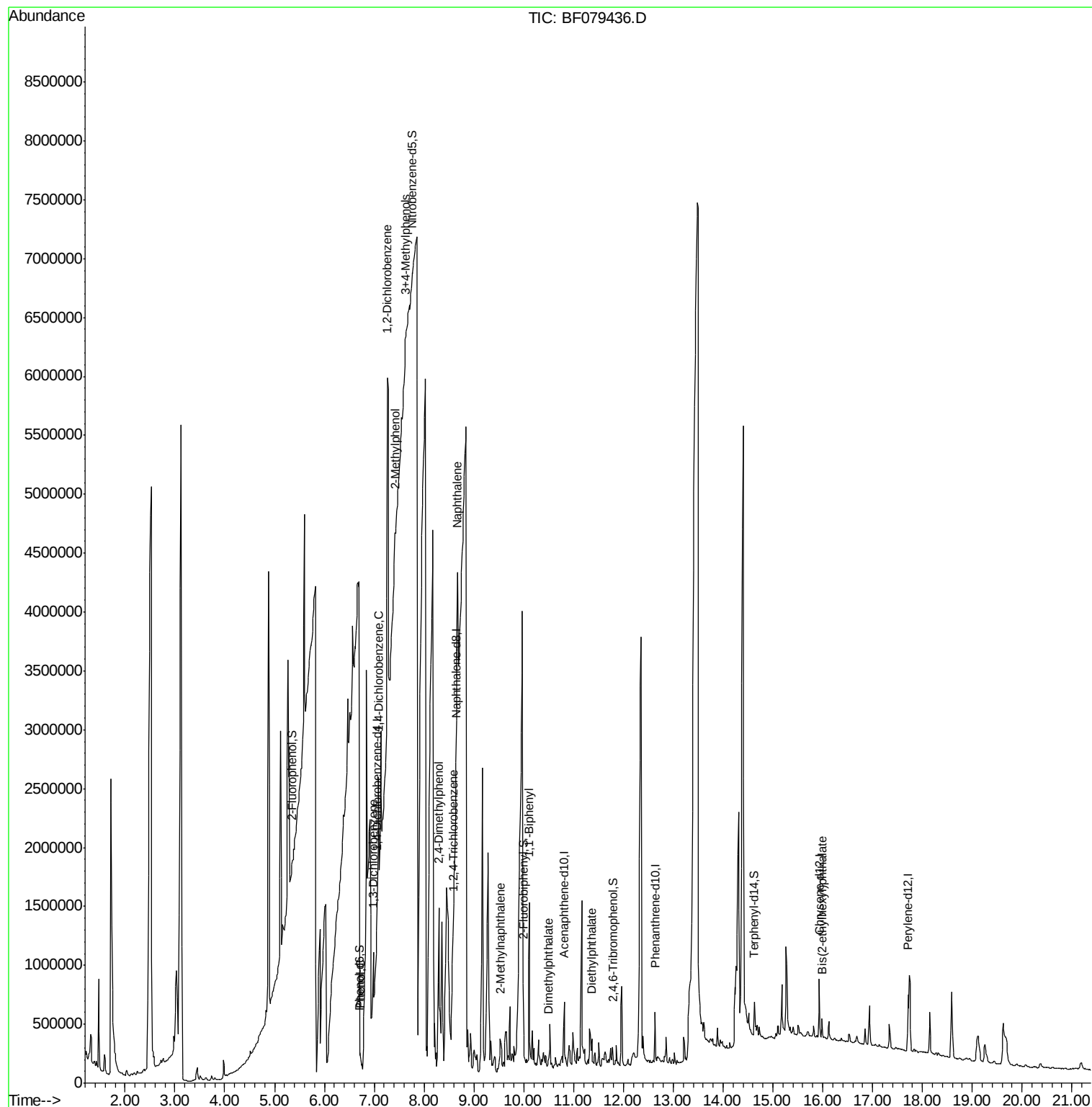
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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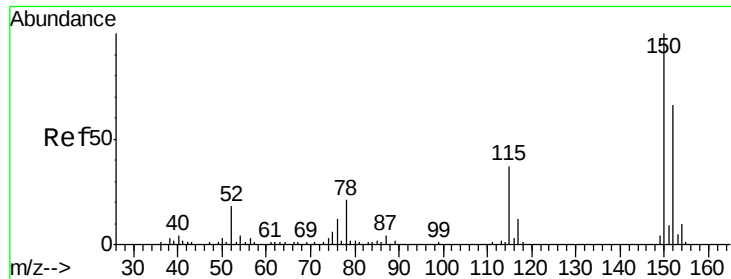
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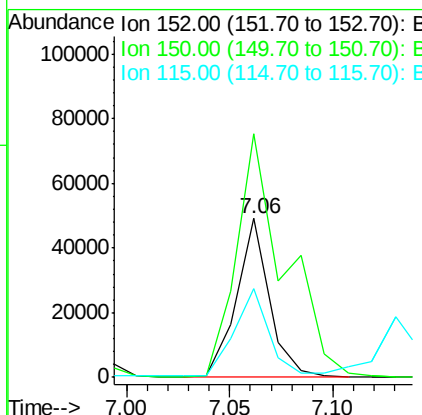
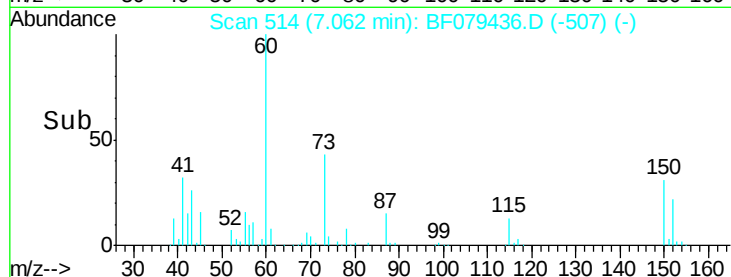
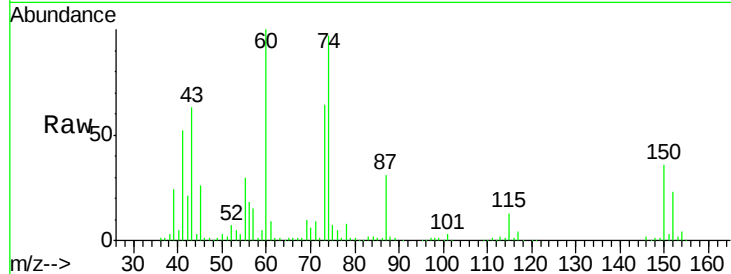
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 7.06 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

Tot Ion:	152	Resp:	54209
Ion Ratio	Lower	Upper	
152	100		
150	153.5	123.8	185.8
115	55.8	49.4	74.0

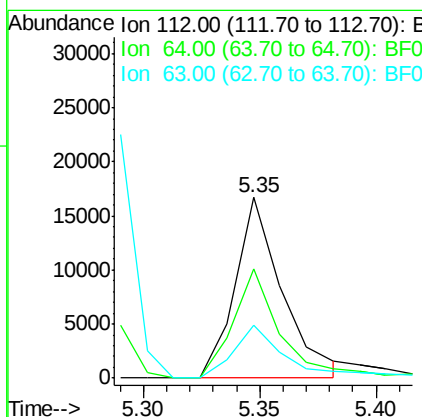
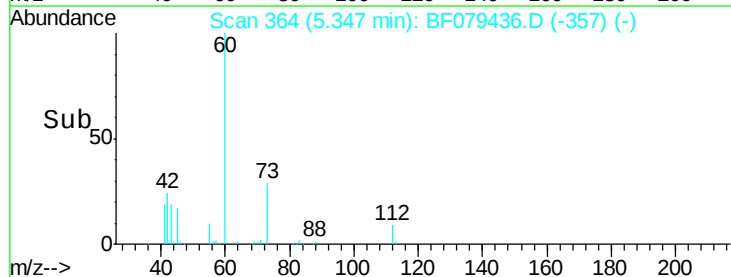
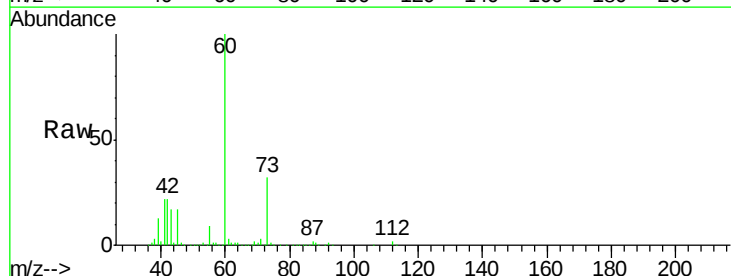
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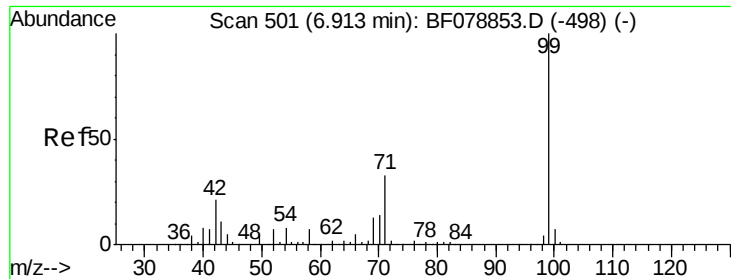
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#5
 2-Fluorophenol
 Concen: 7.58 ng m
 RT: 5.35 min Scan# 364
 Delta R.T. 0.02 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Tgt Ion:	112	Resp:	23858
Ion Ratio	Lower	Upper	
112	100		
64	60.7	44.2	66.2
63	29.3	22.7	34.1





#7

Phenol-d6

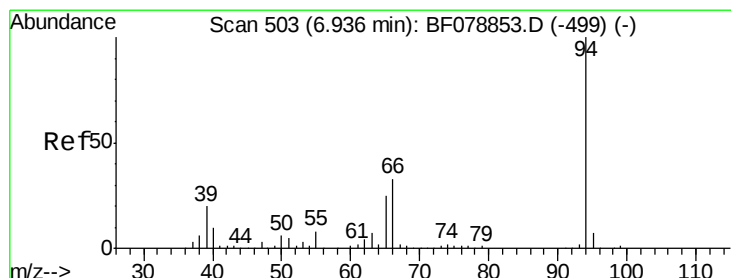
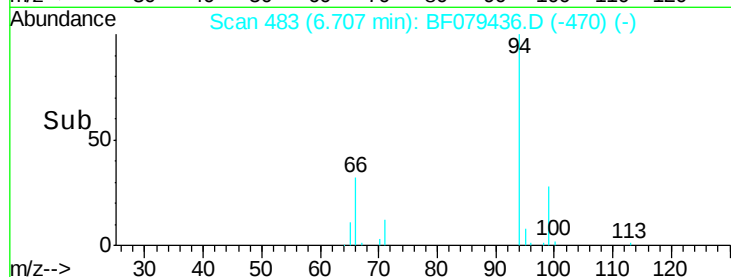
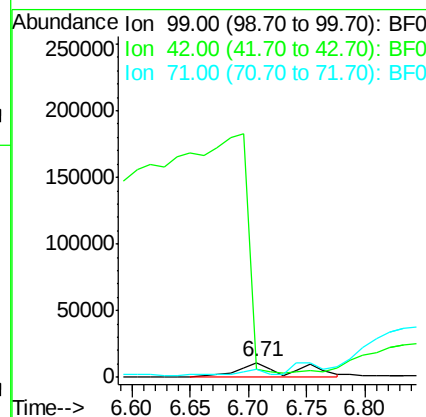
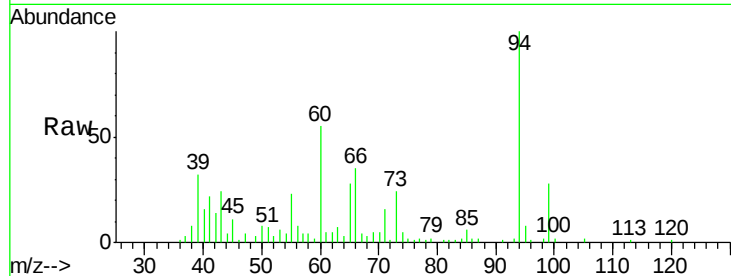
Concen: 8.92 ng m
RT: 6.71 min Scan# 483
Delta R.T. 0.08 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
99	100		
42	51.8	17.1	25.7#
71	56.8	26.3	39.5#

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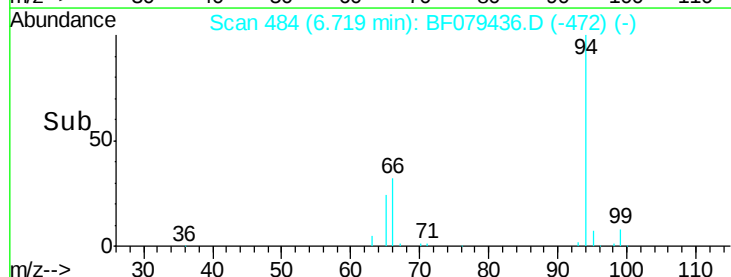
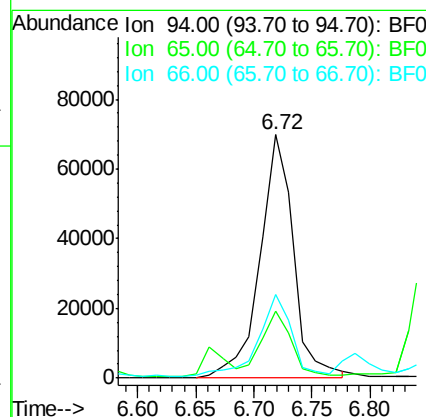
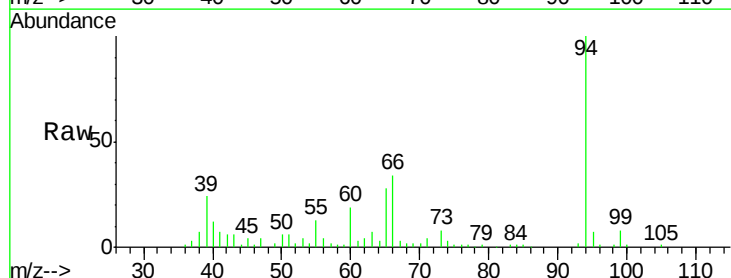


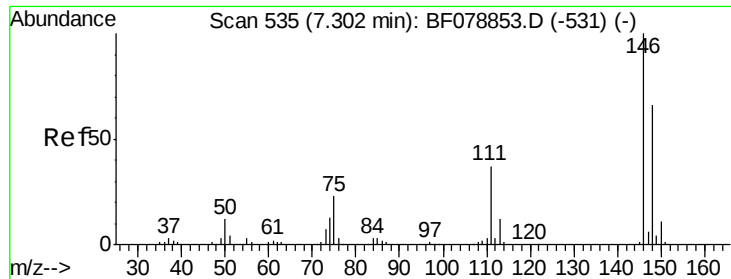
#10

Phenol

Concen: 29.27 ng m
RT: 6.72 min Scan# 484
Delta R.T. 0.07 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	5.1	45.1
66	34.3	13.1	53.1





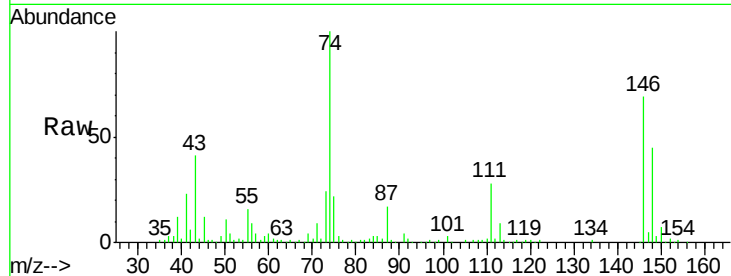
#12
 1,3-Dichlorobenzene
 Concen: 36.27 ng
 RT: 6.98 min Scan# 507
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

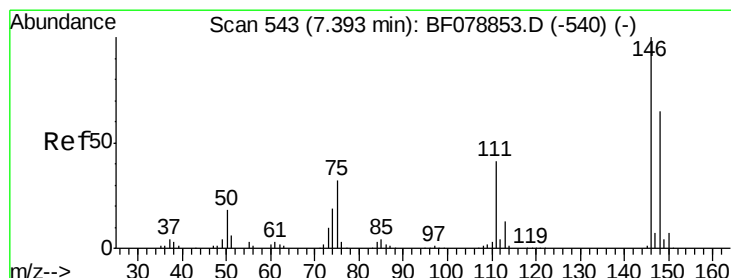
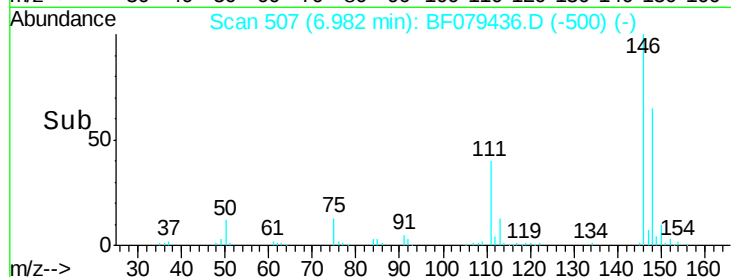
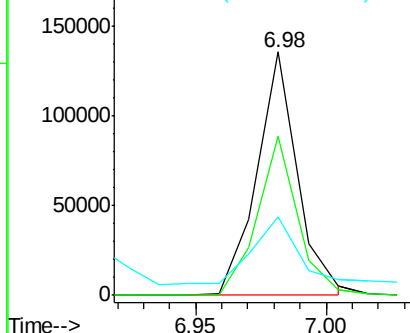
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.4	78.6
75	32.2	18.6	27.8

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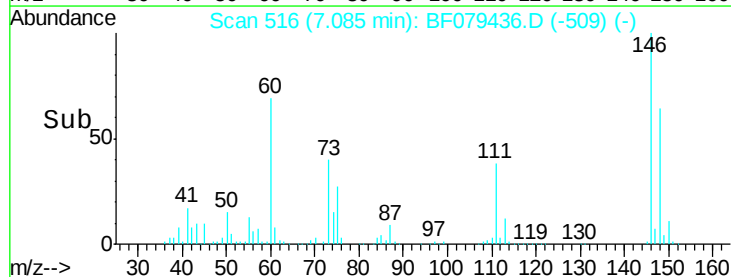
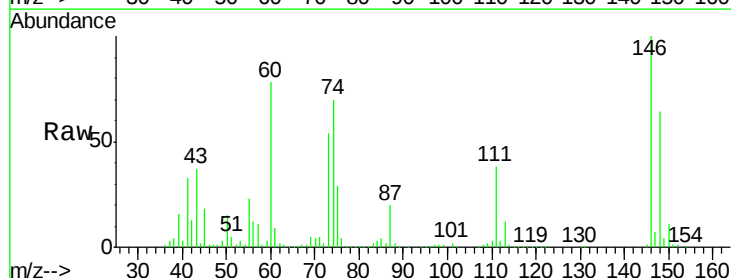
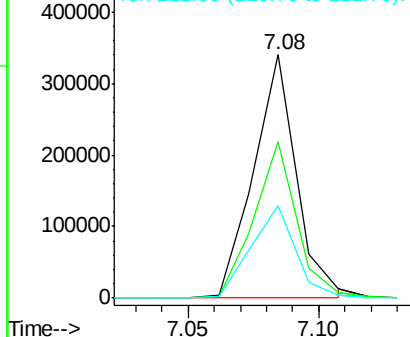
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

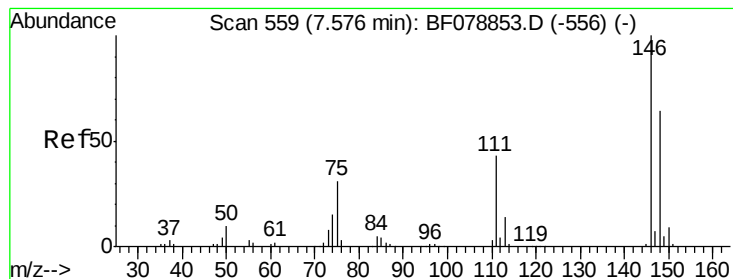


#13
 1,4-Dichlorobenzene
 Concen: 93.55 ng
 RT: 7.08 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
111	37.8	32.8	49.2

Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





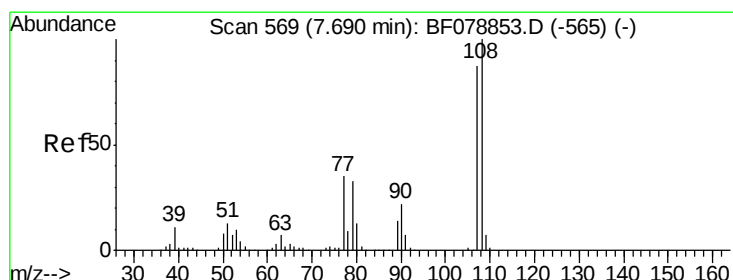
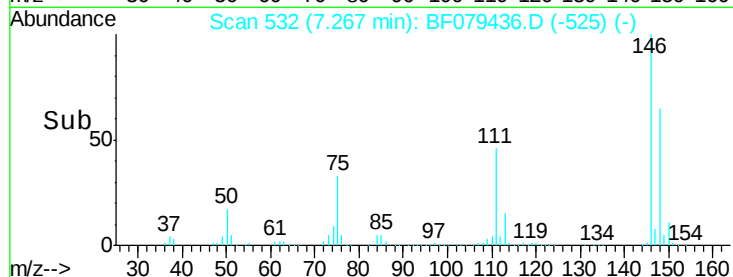
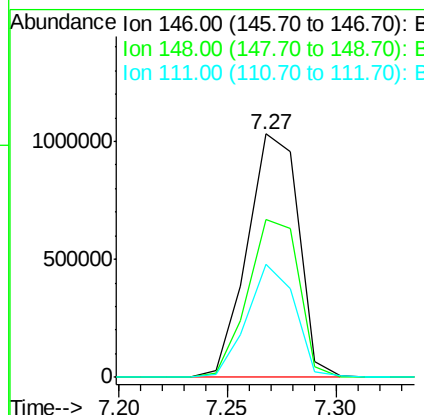
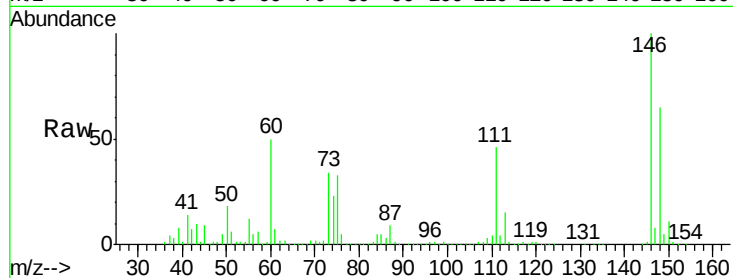
#14
 1,2-Dichlorobenzene
 Concen: 441.91 ng
 RT: 7.27 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	46.3	34.6	52.0

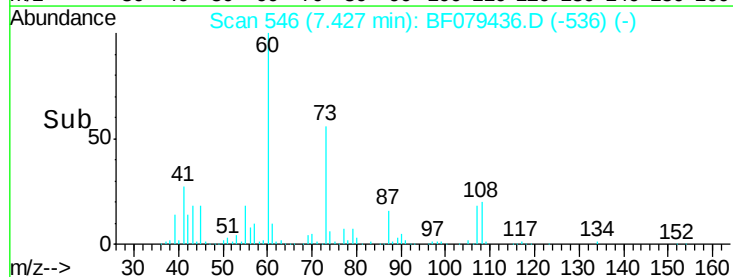
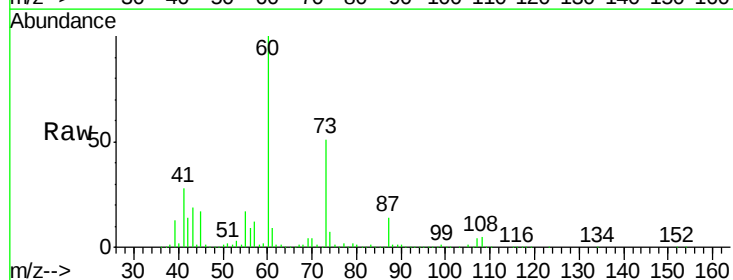
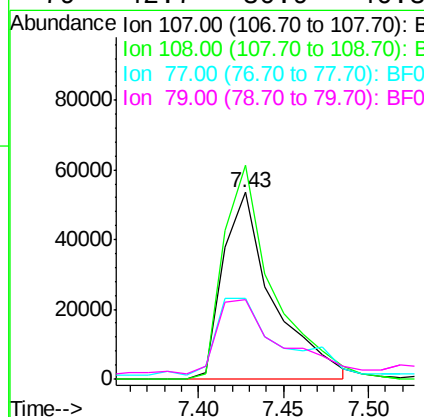
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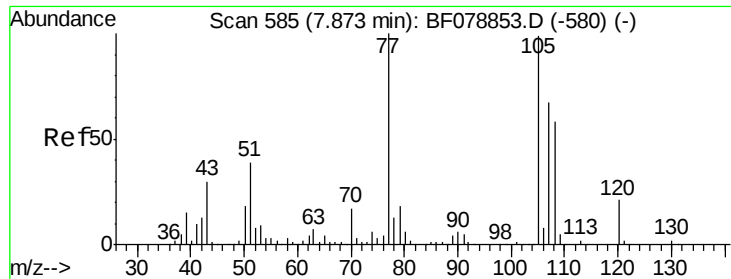
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#17
 2-Methylphenol
 Concen: 37.65 ng m
 RT: 7.43 min Scan# 546
 Delta R.T. 0.03 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.4	138.6
77	43.2	32.6	49.0
79	42.7	30.9	46.3





#20

3+4-Methylphenols

Concen: 85.88 ng/mL

RT: 7.62 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF079436.D

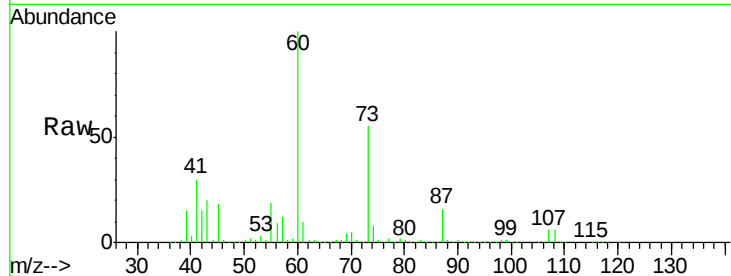
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Instrument :

BNA_F

ClientSampleId :

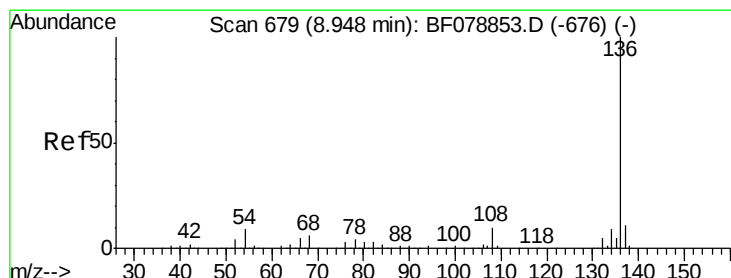
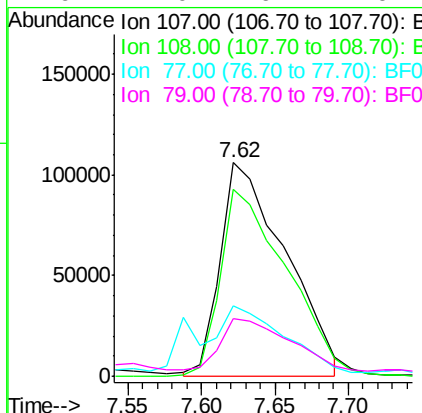
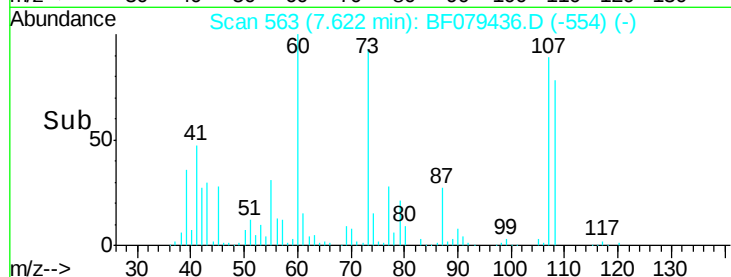
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Tot Ion	107	Resp	328897
Ion Ratio	Lower	Upper	
107	100		
108	87.3	66.5	106.5
77	32.8	130.6	170.6#
79	27.0	6.4	46.4

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#21

Naphthalene-d8

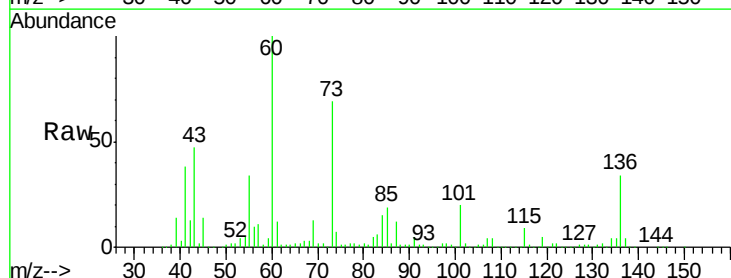
Concen: 20.00 ng/mL

RT: 8.64 min Scan# 652

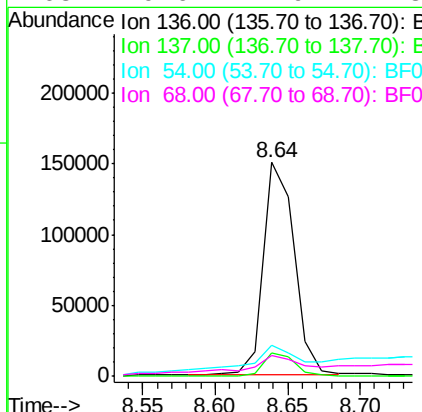
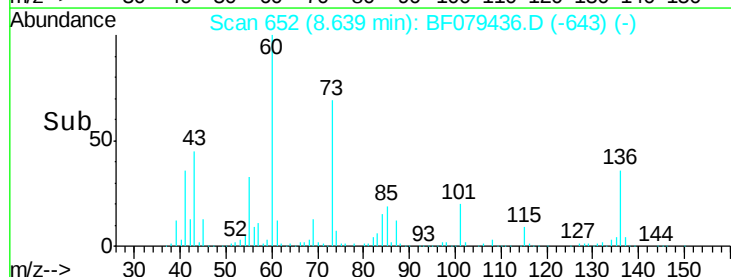
Delta R.T. 0.01 min

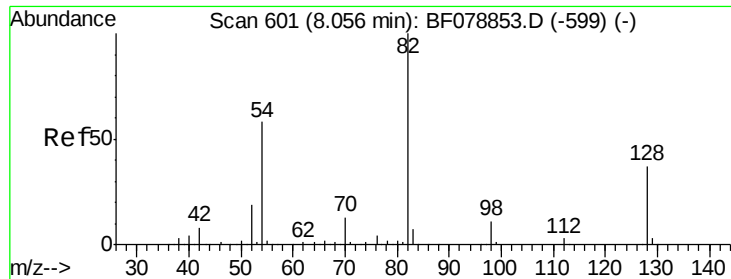
Lab File: BF079436.D

Acq: 22 May 2015 16:40



Tgt Ion	136	Resp	223286
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	14.2	6.9	10.3#
68	9.6	4.9	7.3#





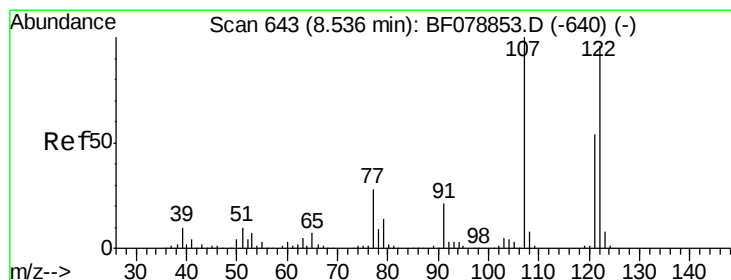
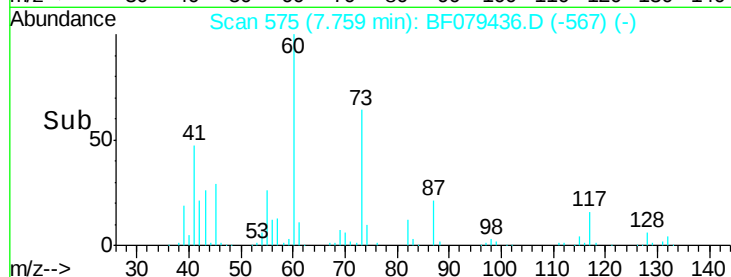
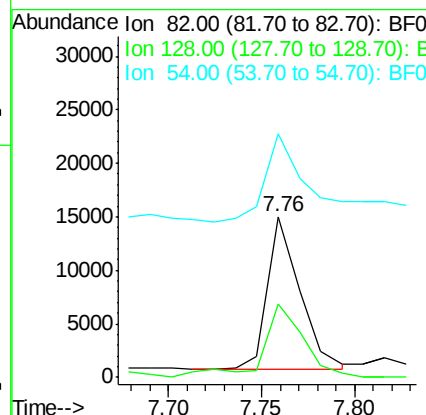
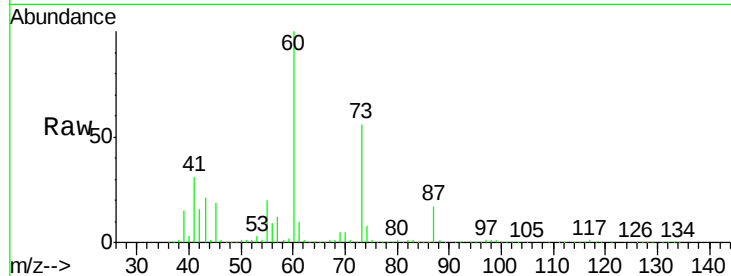
#23
Nitrobenzene-d5
Concen: 4.42 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	151.5	46.2	69.4#

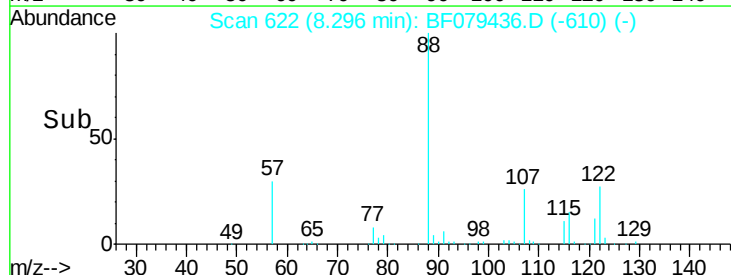
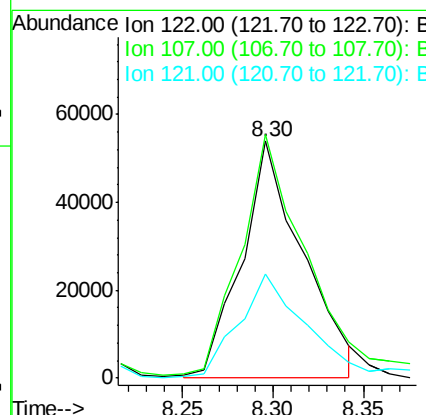
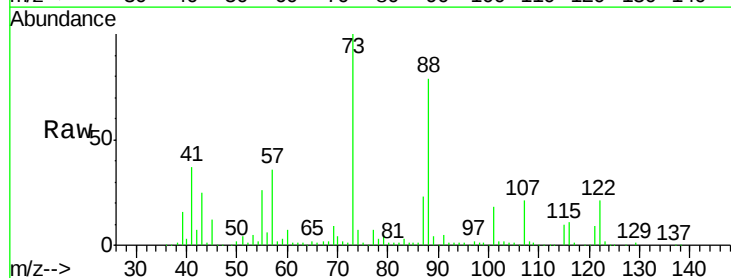
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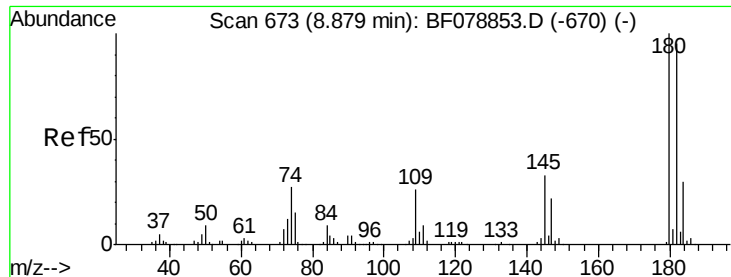
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#27
2,4-Dimethylphenol
Concen: 39.95 ng m
RT: 8.30 min Scan# 622
Delta R.T. 0.06 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
122	100		
107	102.8	83.6	125.4
121	44.1	44.9	67.3#





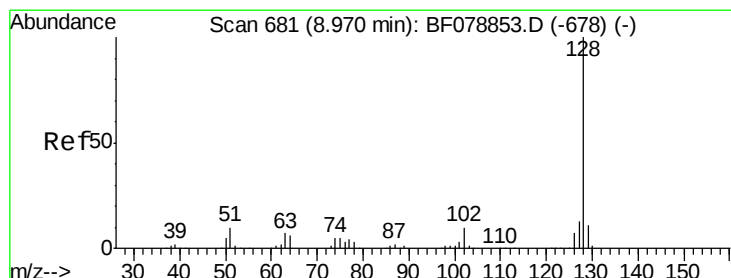
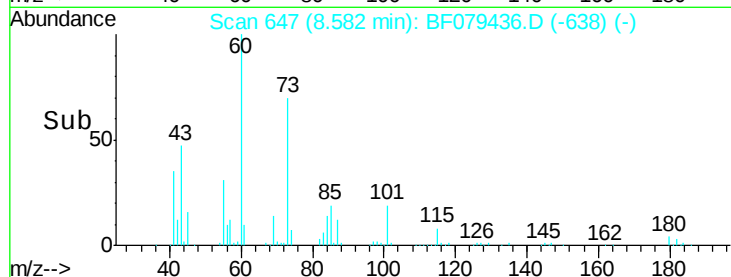
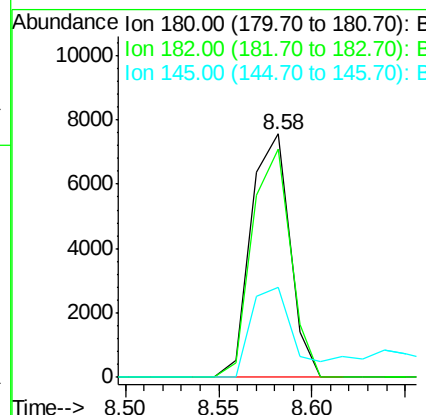
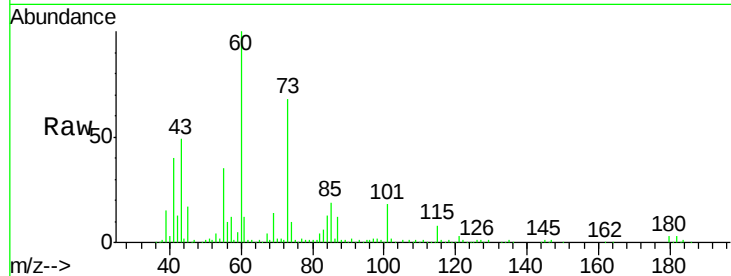
#30
 1,2,4-Trichlorobenzene
 Concen: 3.49 ng
 RT: 8.58 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
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 LF001MW001-150518

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.7	113.5
145	37.2	26.2	39.4

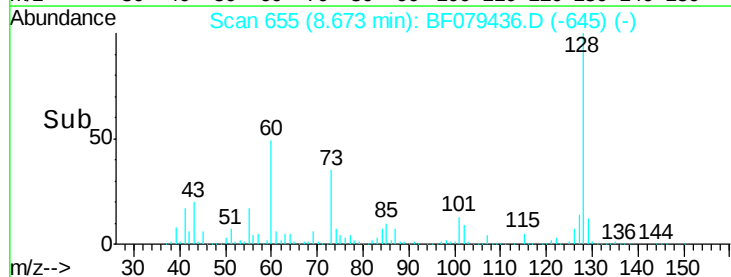
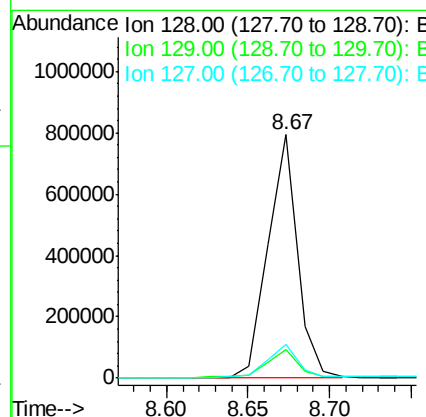
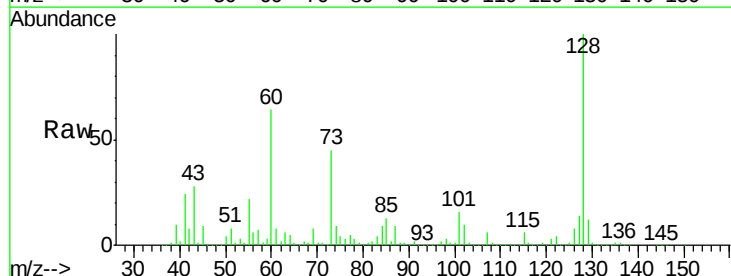
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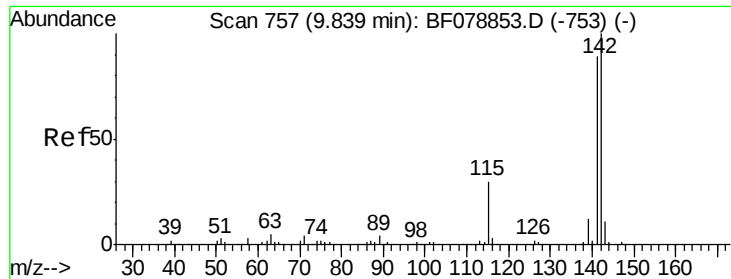
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#31
 Naphthalene
 Concen: 94.23 ng
 RT: 8.67 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.6	10.3	15.5





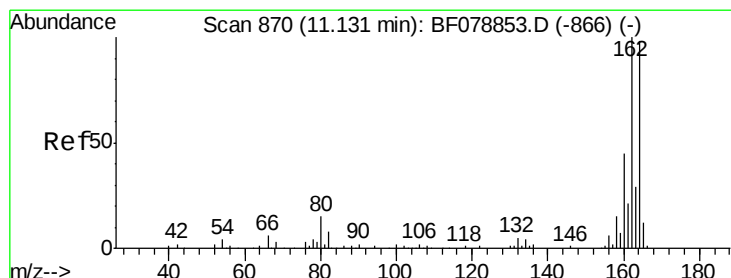
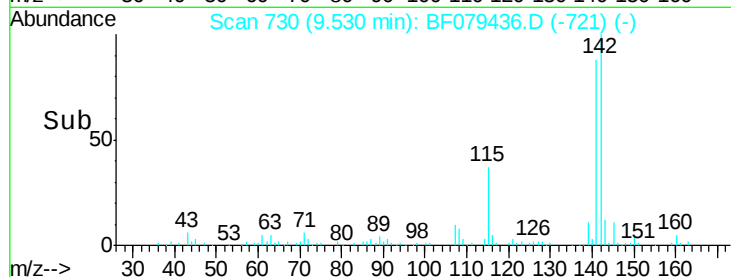
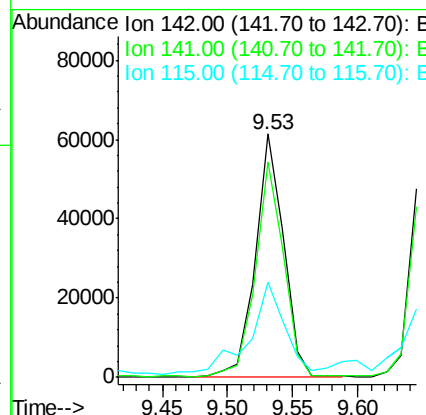
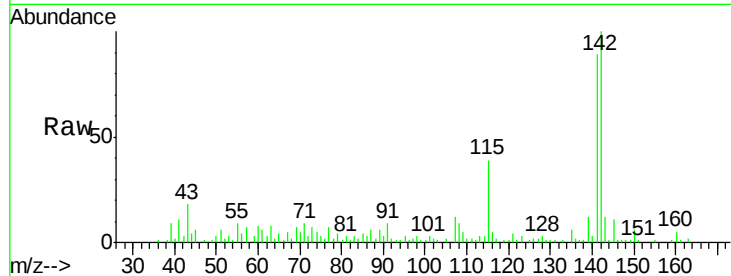
#37
2-Methylnaphthalene
Concen: 12.66 ng
RT: 9.53 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Instrument :
BNA_F
ClientSampleId :
LF001MW001-150518

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	38.9	24.2	36.4

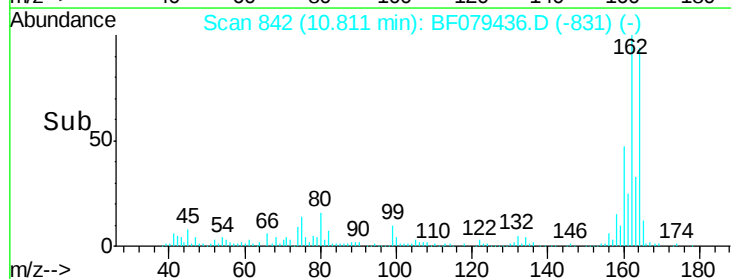
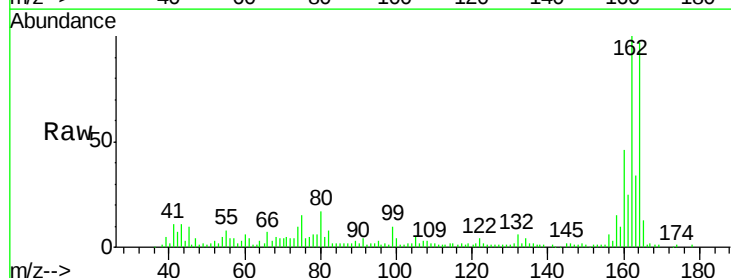
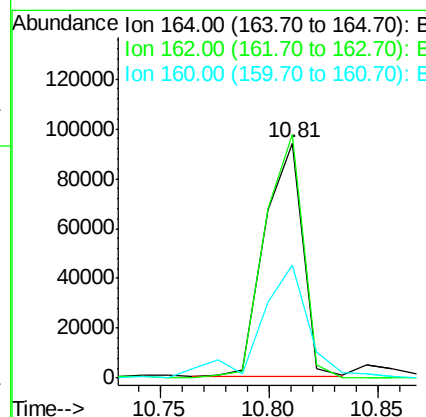
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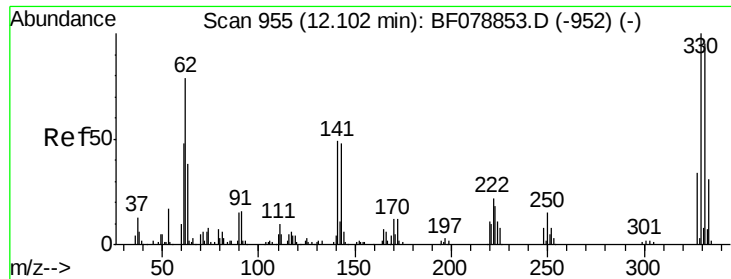
apatel
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	48.0	36.6	54.8





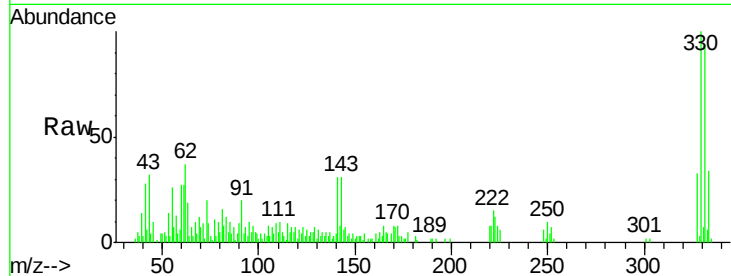
#41
 2,4,6-Tribromophenol
 Concen: 17.42 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	40.9	27.8	41.8

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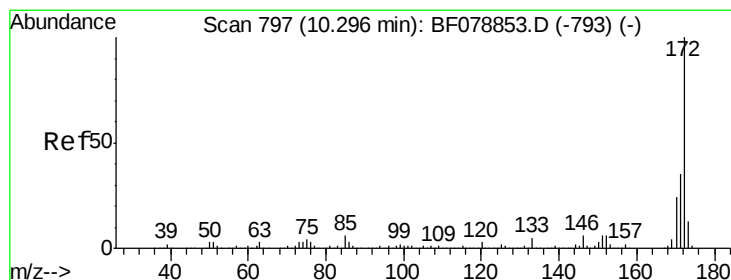
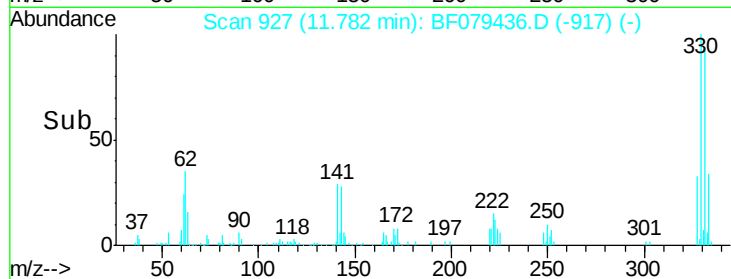
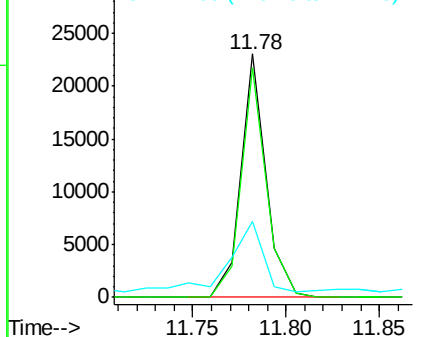


Abundance

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: 12.46 ng
 RT: 9.99 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

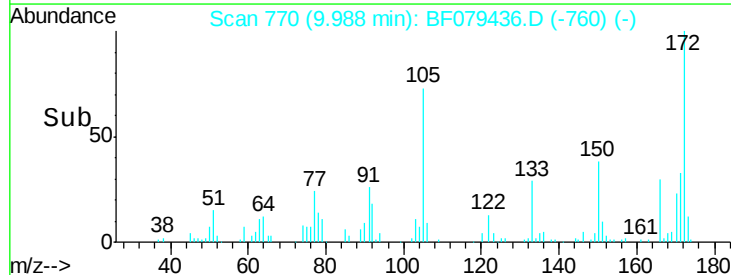
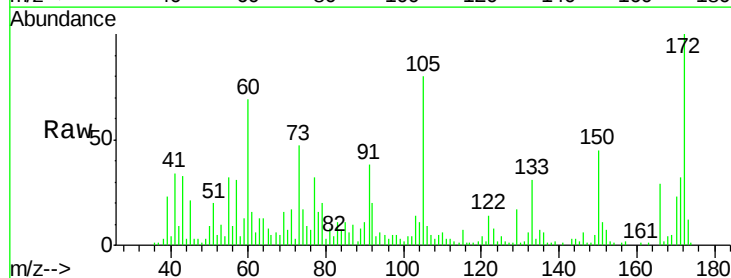
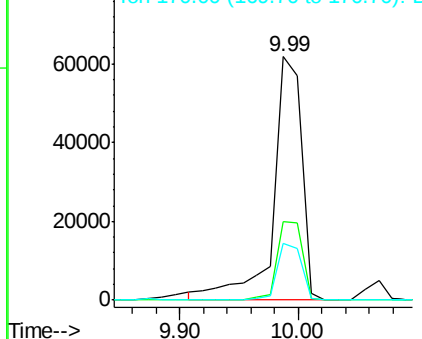
Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.3	42.5
170	23.1	19.4	29.2

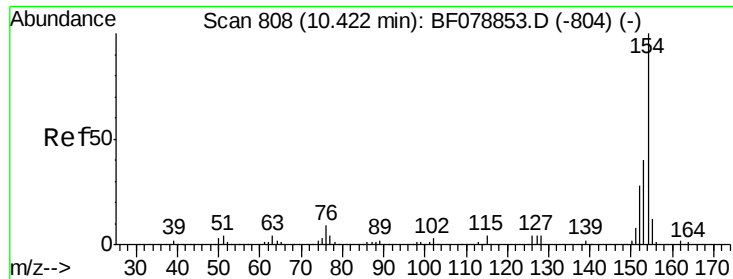
Abundance

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





#45

1,1'-Biphenyl

Concen: 4.25 ng

RT: 10.11 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF079436.D

Acq: 22 May 2015 16:40

Instrument :

BNA_F

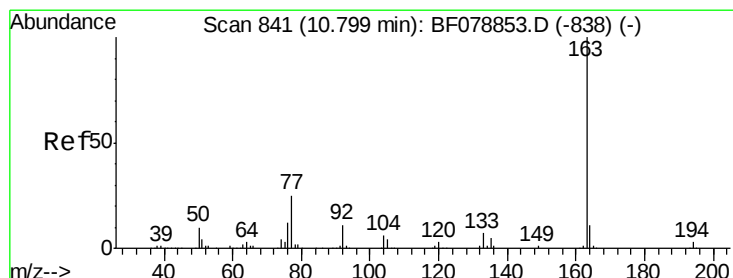
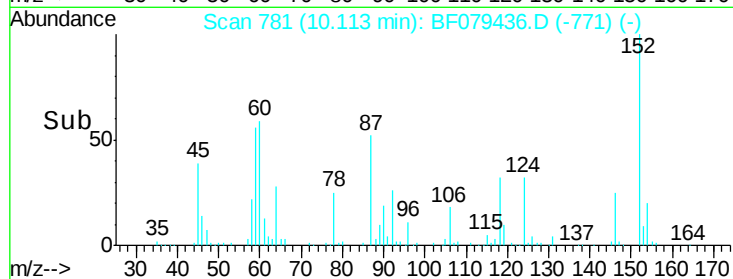
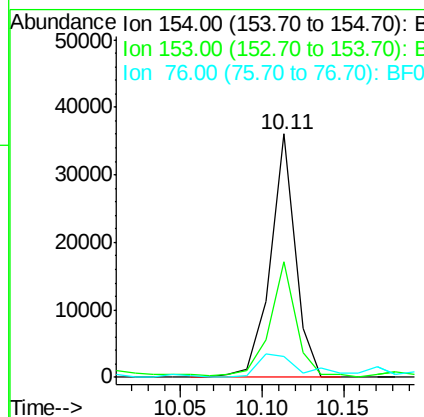
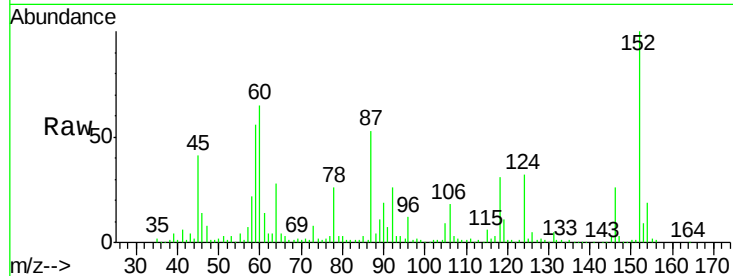
ClientSampleId :

LF001MW001-150518

Tot Ion:	154	Resp:	38534
Ion Ratio	Lower	Upper	
154	100		
153	47.2	19.7	59.7
76	8.8	0.0	29.1

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#49

Dimethylphthalate

Concen: 2.05 ng

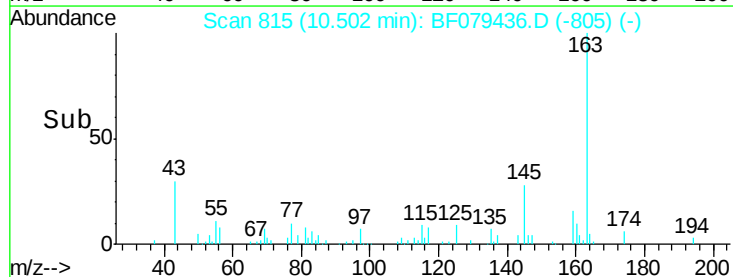
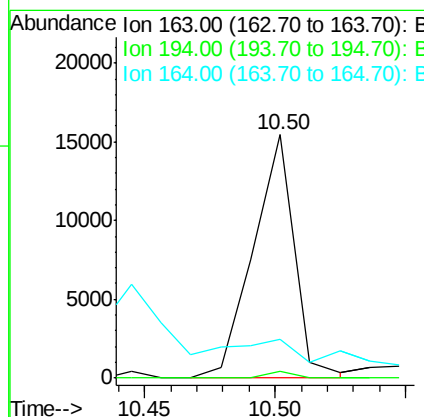
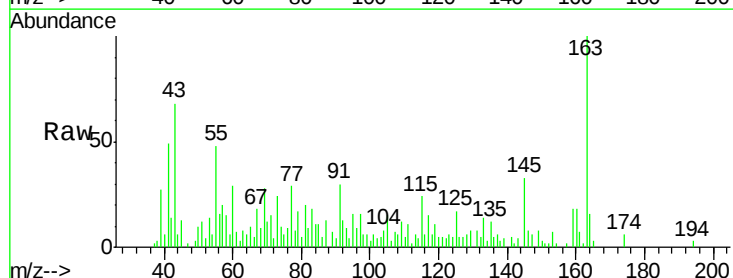
RT: 10.50 min Scan# 815

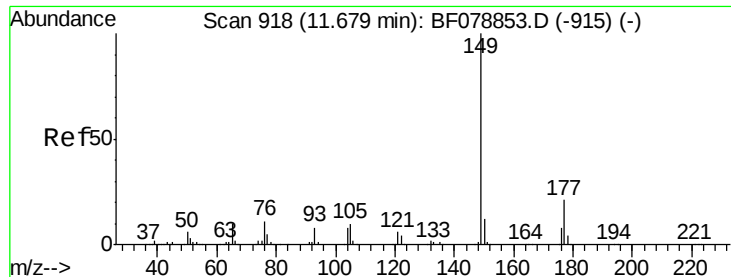
Delta R.T. 0.01 min

Lab File: BF079436.D

Acq: 22 May 2015 16:40

Tgt Ion:	163	Resp:	17146
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.4	3.6
164	15.9	8.6	12.8#





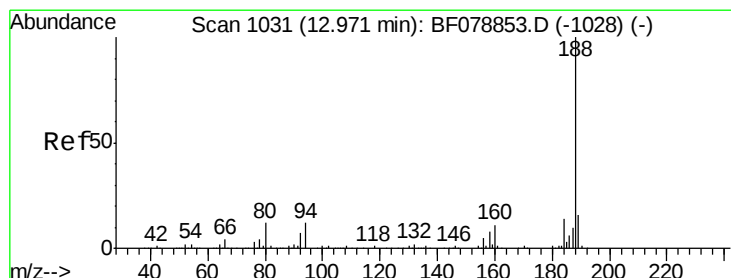
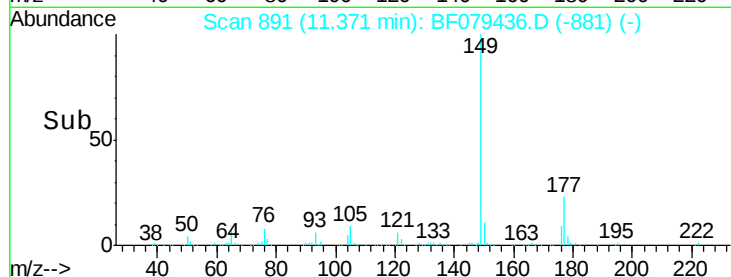
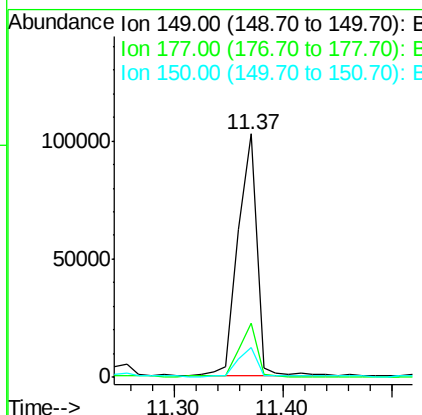
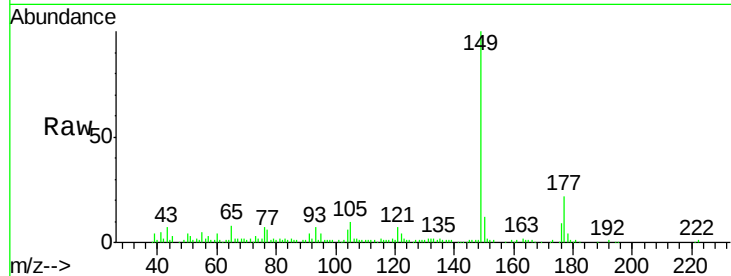
#59
Diethylphthalate
Concen: 14.53 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Instrument :
BNA_F
ClientSampleId :
LF001MW001-150518

Tot Ion	Ratio	Resp	Lower	Upper
149	100	120612		
177	22.1	16.4	24.6	
150	12.1	9.8	14.6	

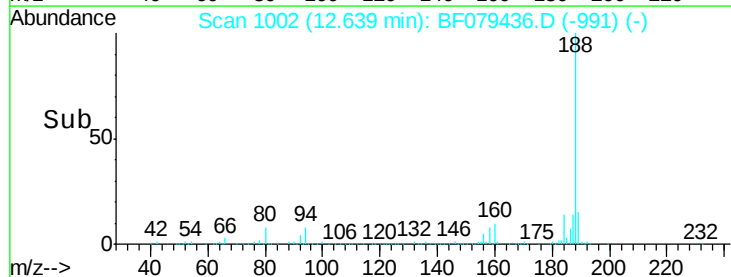
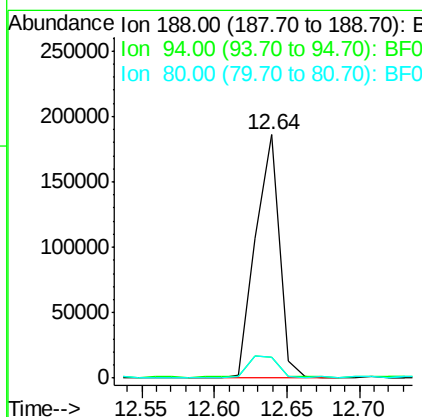
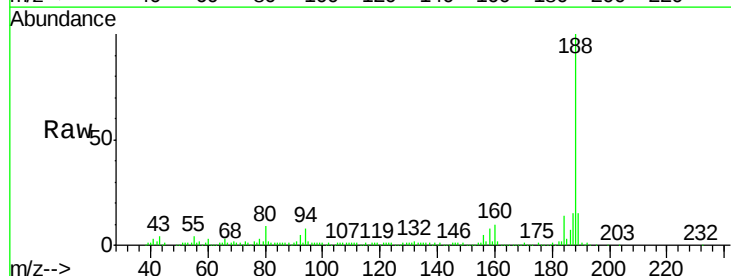
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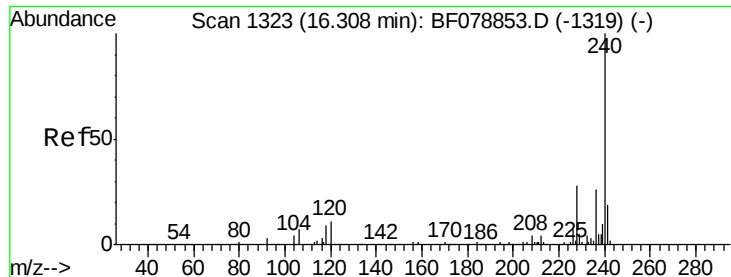
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF079436.D
Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	212890		
94	8.3	9.4	14.0#	
80	8.5	9.8	14.6#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF079436.D

Acq: 22 May 2015 16:40

Instrument :

BNA_F

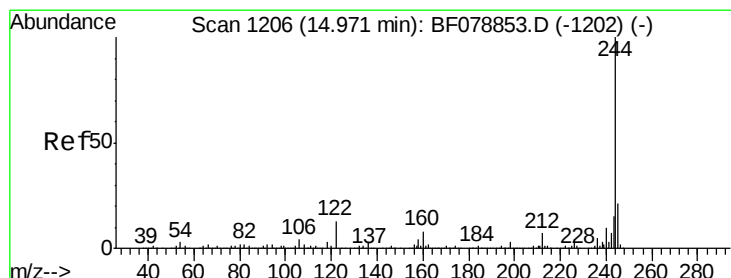
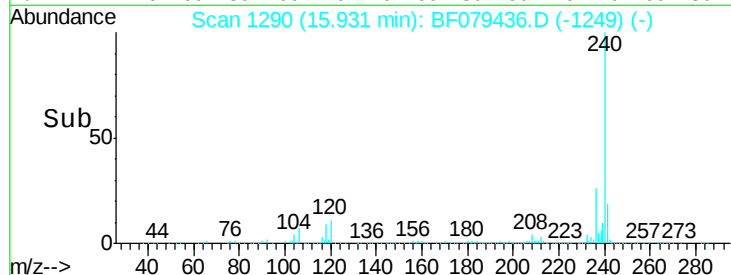
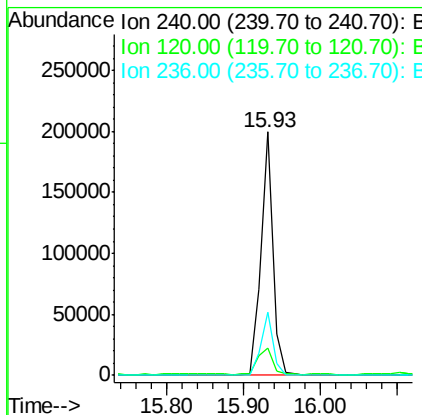
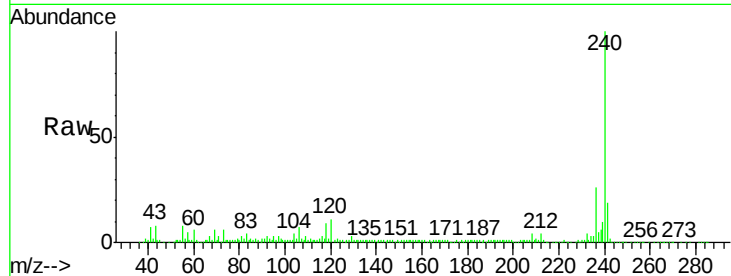
ClientSampleId :

LF001MW001-150518

Tot Ion:	240	Resp:	216071
Ion Ratio		Lower	Upper
240	100		
120	11.0	8.6	12.8
236	25.8	21.0	31.6

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#78

Terphenyl-d14

Concen: 10.94 ng

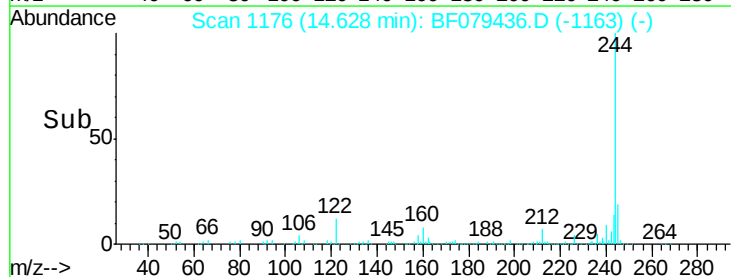
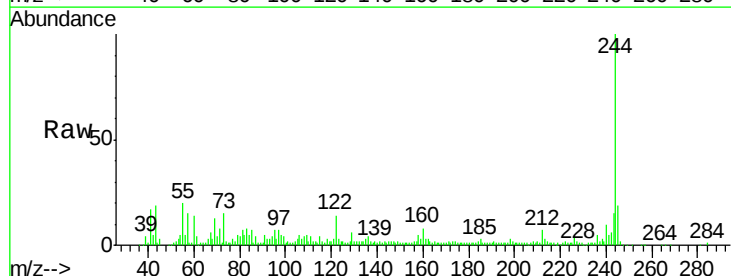
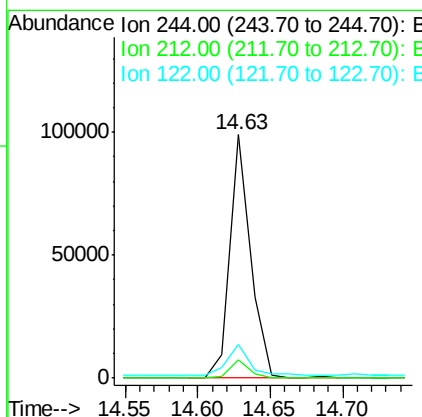
RT: 14.63 min Scan# 1176

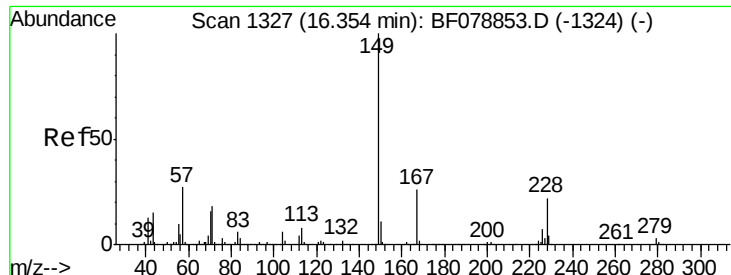
Delta R.T. -0.00 min

Lab File: BF079436.D

Acq: 22 May 2015 16:40

Tgt Ion:	244	Resp:	98745
Ion Ratio		Lower	Upper
244	100		
212	7.4	5.6	8.4
122	14.0	10.5	15.7





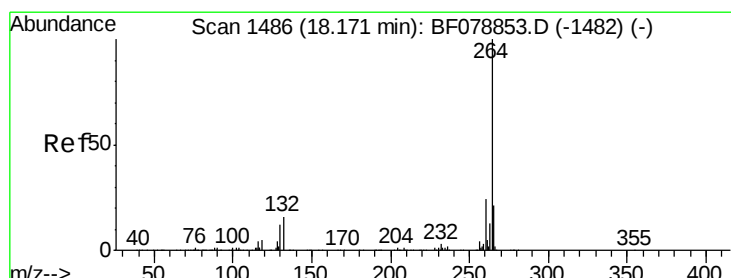
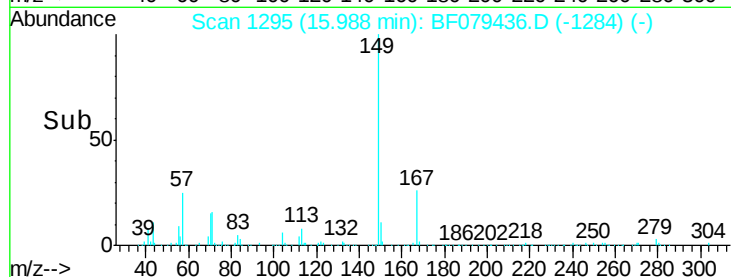
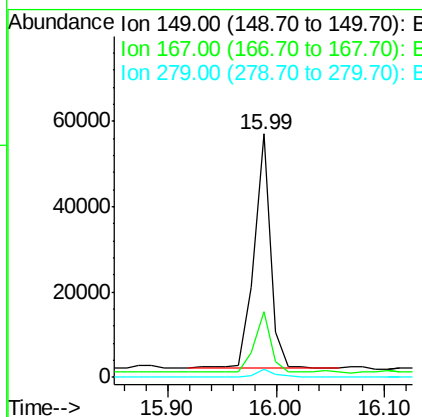
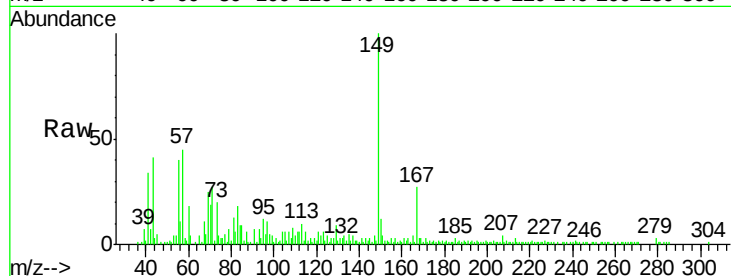
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.13 ng
 RT: 15.99 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	3.1	2.6	4.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. -0.14 min
 Lab File: BF079436.D
 Acq: 22 May 2015 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.2	25.8

