

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079914.D
 Acq On : 12 Jun 2015 1:56
 Operator : TP/IZ
 Sample : G2449-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Manual Integrations
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 6/13/2015 8:44:36 AM

Quant Time: Jun 12 09:11:58 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 08:55:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	57409	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	234146	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	130857	20.00	ng	0.00
63) Phenanthrene-d10	11.96	188	291170	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	328751	20.00	ng	-0.13
86) Perylene-d12	16.73	264	332475	20.00	ng	-0.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.01	112	417522	133.36	ng	0.01
7) Phenol-d6	6.99	99	576882	135.24	ng	0.00
23) Nitrobenzene-d5	7.95	82	333608	94.01	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	171694	130.26	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	639287	68.41	ng	0.00
78) Terphenyl-d14	13.62	244	906567	63.58	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	40582	28.49	ng	94
3) Pyridine	4.12	79	129112	35.37	ng	97
4) n-Nitrosodimethylamine	4.03	42	73245	40.72	ng	# 96
6) Aniline	7.05	93	136654	22.14	ng	100
8) 2-Chlorophenol	7.18	128	169960	44.67	ng	96
9) Benzaldehyde	6.94	77	110679	45.14	ng	98
10) Phenol	7.00	94	213657	45.54	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	156475	41.45	ng	95
12) 1,3-Dichlorobenzene	7.34	146	178288	40.16	ng	99
13) 1,4-Dichlorobenzene	7.42	146	181232	39.31	ng	99
14) 1,2-Dichlorobenzene	7.56	146	166514	40.66	ng	99
15) Benzyl Alcohol	7.52	79	153828	44.98	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.66	45	237502	42.48	ng	99
17) 2-Methylphenol	7.62	107	151461	45.56	ng	99
18) Hexachloroethane	7.92	117	58077	40.68	ng	97
19) n-Nitroso-di-n-propylamine	7.78	70	123137	40.40	ng	96
20) 3+4-Methylphenols	7.77	107	197453	46.47	ng	97
22) Acetophenone	7.79	105	252805	45.72	ng	# 97
24) Nitrobenzene	7.96	77	162654	43.09	ng	99
25) Isophorone	8.20	82	348140	42.16	ng	100
26) 2-Nitrophenol	8.30	139	61324	46.32	ng	97
27) 2,4-Dimethylphenol	8.31	122	178825	48.31	ng	99
28) bis(2-Chloroethoxy)methane	8.41	93	215121	43.87	ng	98
29) 2,4-Dichlorophenol	8.52	162	147100	47.45	ng	98
30) 1,2,4-Trichlorobenzene	8.63	180	162208	41.17	ng	99
31) Naphthalene	8.71	128	774534	60.52	ng	99
32) Benzoic acid	8.35	122	13782m	16.38	ng	
33) 4-Chloroaniline	8.74	127	88599	17.83	ng	98
34) Hexachlorobutadiene	8.82	225	88521	40.47	ng	94
35) Caprolactam	9.08	113	47348	48.29	ng	98
36) 4-Chloro-3-methylphenol	9.21	107	169157	47.77	ng	96
37) 2-Methylnaphthalene	9.40	142	435526	50.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	173740	39.64	ng	98
40) Hexachlorocyclopentadiene	9.56	237	128891	70.17	ng	99

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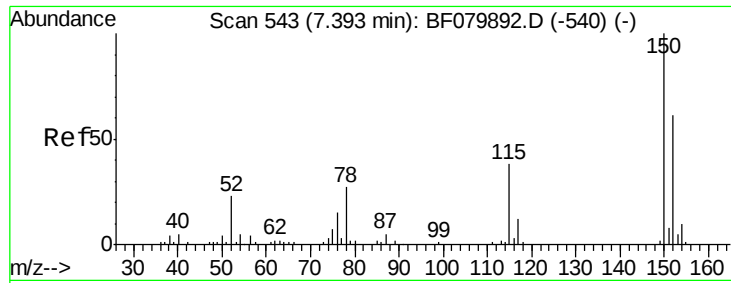
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	115073	42.61	nq	97
43) 2,4,5-Trichlorophenol	9.71	196	129061	43.30	nq	98
45) 1,1'-Biphenyl	9.86	154	443470	41.88	nq	99
46) 2-Chloronaphthalene	9.90	162	348724	38.68	nq	98
47) 2-Nitroaniline	9.98	65	79575	41.71	nq	97
48) Acenaphthylene	10.32	152	630798	41.44	nq	99
49) Dimethylphthalate	10.15	163	451577	43.07	nq	100
50) 2,6-Dinitrotoluene	10.22	165	82264	43.26	nq	97
51) Acenaphthene	10.49	154	368277	42.57	nq	98
52) 3-Nitroaniline	10.39	138	57260	25.99	nq	95
53) 2,4-Dinitrophenol	10.49	184	21970	65.09	nq	# 1
54) Dibenzofuran	10.66	168	610525	48.30	nq	100
55) 4-Nitrophenol	10.54	139	166850	99.08	nq	# 62
56) 2,4-Dinitrotoluene	10.63	165	120190	47.40	nq	95
57) Fluorene	11.02	166	553846	50.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	104392	46.21	nq	99
59) Diethylphthalate	10.86	149	415723	39.66	nq	100
60) 4-Chlorophenyl-phenylether	10.99	204	199146	40.48	nq	98
61) 4-Nitroaniline	11.00	138	92876	38.67	nq	99
62) Azobenzene	11.15	77	400928	39.75	nq	98
64) 4,6-Dinitro-2-methylphenol	11.04	198	30779	47.01	nq	89
65) n-Nitrosodiphenylamine	11.11	169	374584	39.85	nq	99
66) 4-Bromophenyl-phenylether	11.50	248	134645	41.27	nq	94
67) Hexachlorobenzene	11.58	284	147302	41.38	nq	95
68) Atrazine	11.63	200	122332	42.29	nq	98
69) Pentachlorophenol	11.76	266	140209	83.62	nq	97
70) Phenanthrene	11.99	178	1369273	78.91	nq	98
71) Anthracene	12.04	178	835662	49.76	nq	99
72) Carbazole	12.19	167	746438	45.83	nq	99
73) Di-n-butylphthalate	12.51	149	759281	42.79	nq	99
74) Fluoranthene	13.23	202	1369033	71.36	nq	98
76) Benzidine	13.35	184	353057	38.78	nq	99
77) Pyrene	13.49	202	1284676	62.22	nq	98
79) Butylbenzylphthalate	14.15	149	334970	48.04	nq	# 86
80) Benzo(a)anthracene	14.86	228	1058515	50.71	nq	98
81) 3,3'-Dichlorobenzidine	14.79	252	190293	28.51	nq	# 98
82) Chrysene	14.90	228	921801	50.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.81	149	518380	46.45	nq	# 96
84) Di-n-octyl phthalate	15.60	149	885895	48.68	nq	98
85) Indeno(1,2,3-cd)pyrene	18.64	276	973621	44.53	nq	99
87) Benzo(b)fluoranthene	16.18	252	1047365m	51.41	nq	
88) Benzo(k)fluoranthene	16.23	252	849985	40.91	nq	# 98
89) Benzo(a)pyrene	16.66	252	956322m	49.36	nq	
90) Dibenzo(a,h)anthracene	18.66	278	734078	38.55	nq	97
91) Benzo(g,h,i)perylene	19.22	276	836683	42.46	nq	98

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



#1

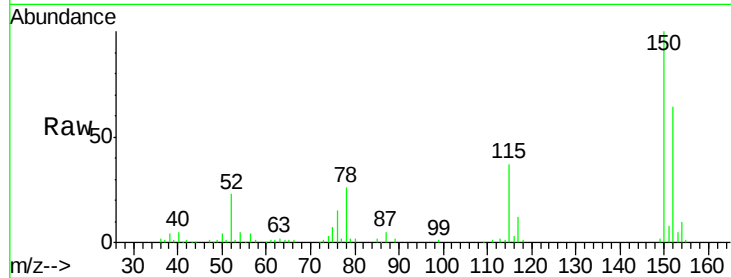
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	131.0	196.4
115	57.8	49.8	74.6

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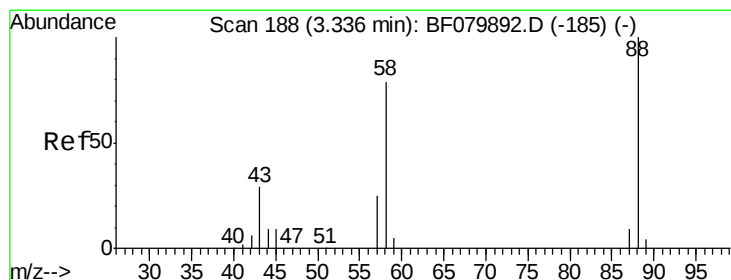
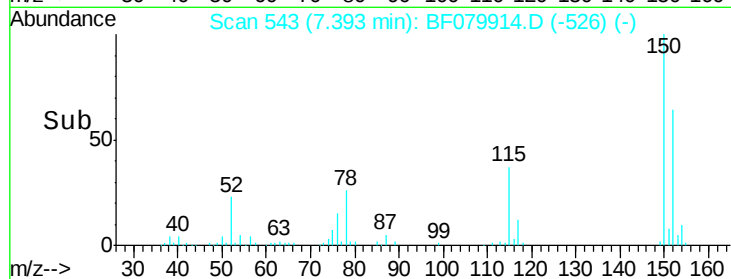
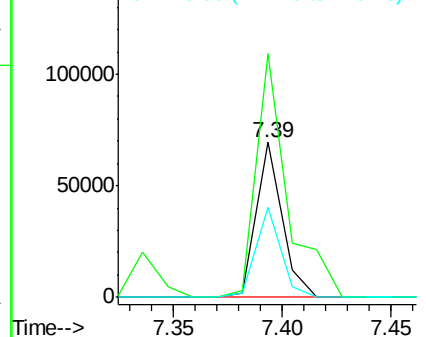


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

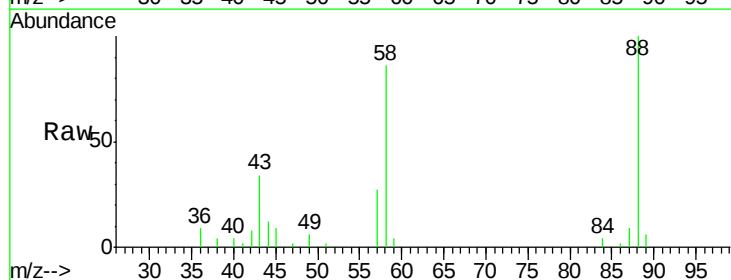
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.49 ng
RT: 3.34 min Scan# 188
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	63.0	94.4
43	31.4	23.2	34.8

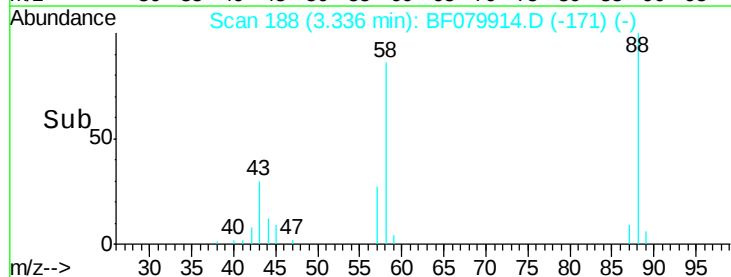
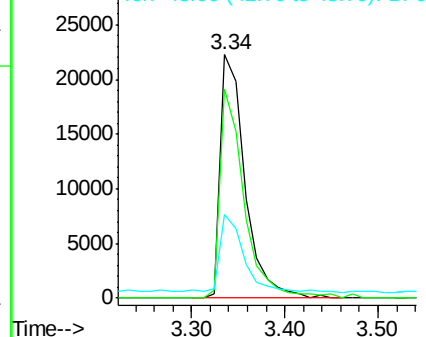


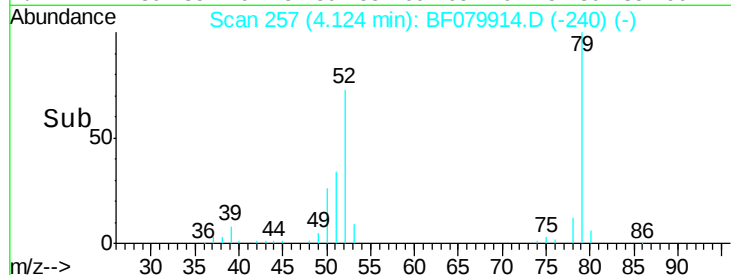
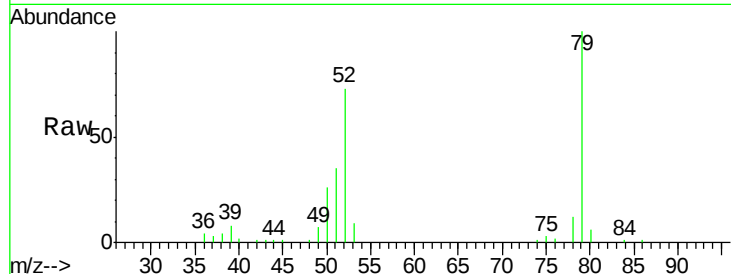
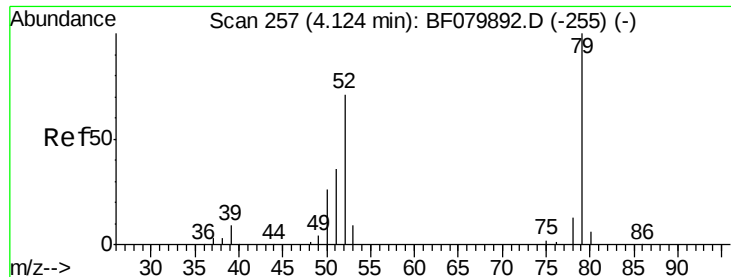
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





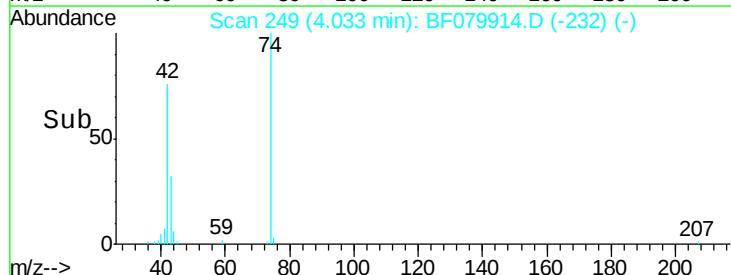
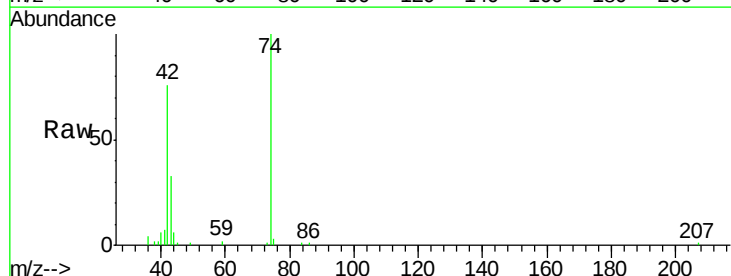
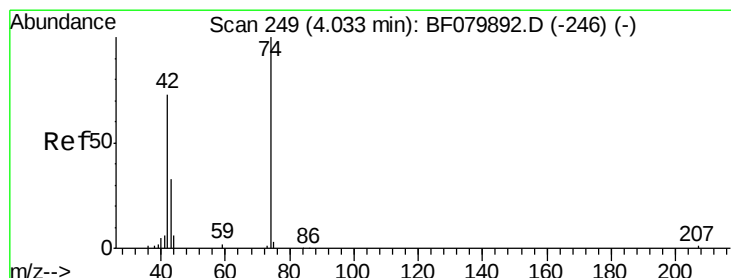
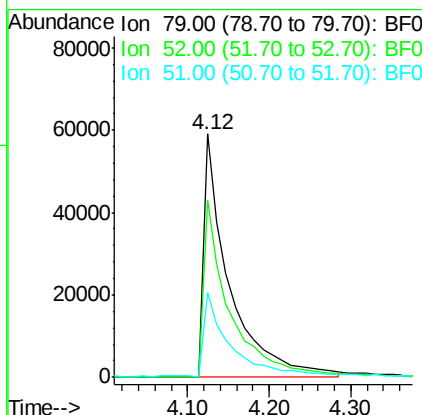
#3
 Pvridine
 Concen: 35.37 ng
 RT: 4.12 min Scan# 257
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		129112		
52	72.7	56.7	85.1		
51	35.1	29.8	44.6		

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 BNA_F
 ClientSampleId :
 FM1BMSD

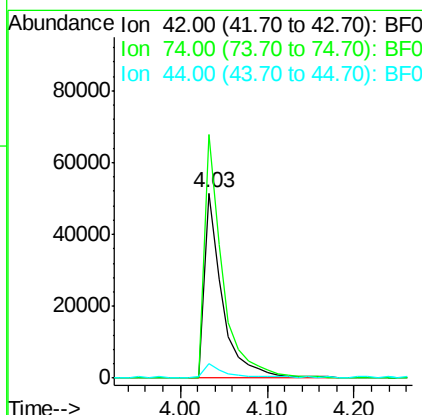
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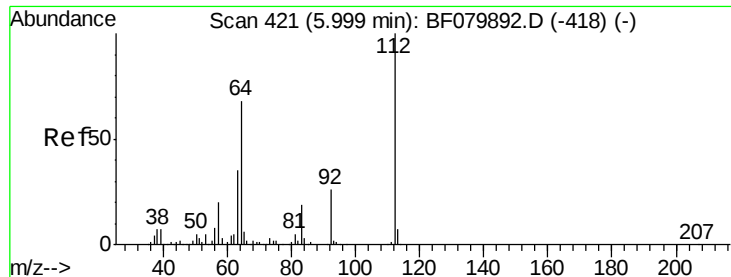
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#4
 n-Nitrosodimethylamine
 Concen: 40.72 ng
 RT: 4.03 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		73245		
74	131.6	109.0	163.6		
44	7.6	7.7	11.5#		





#5

2-Fluorophenol

Concen: 133.36 ng

RT: 6.01 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

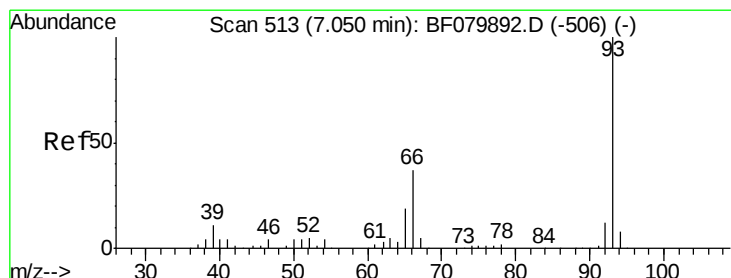
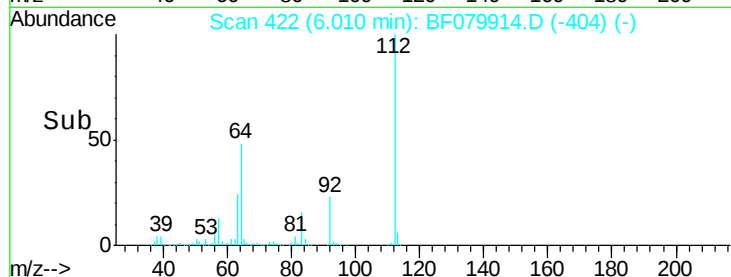
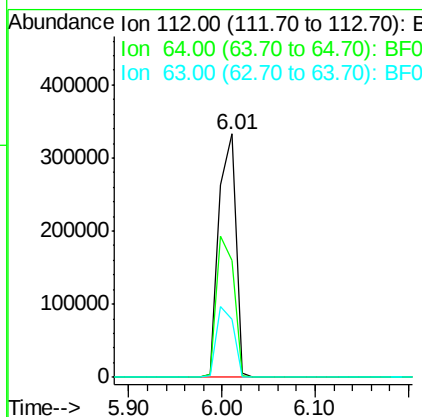
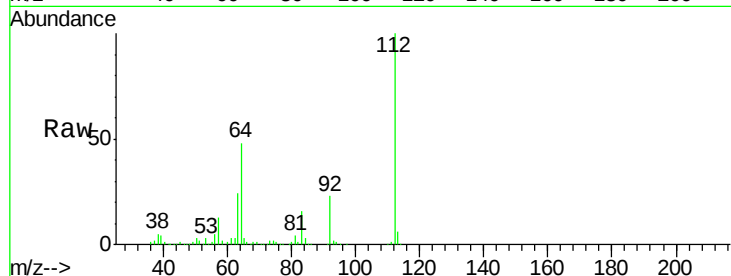
ClientSampleId :

FM1BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
417522	112	100			
	64	48.0		54.5	81.7#
	63	23.6		27.9	41.9#

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#6

Aniline

Concen: 22.14 ng

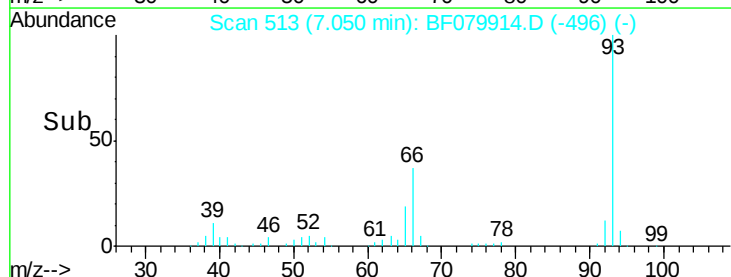
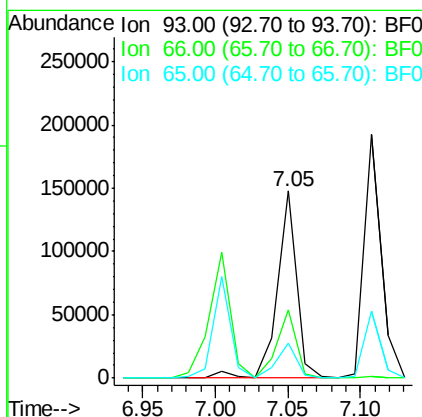
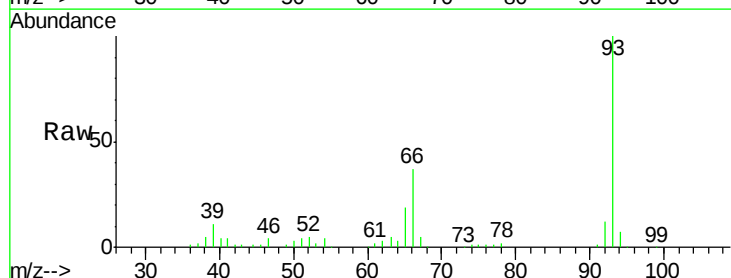
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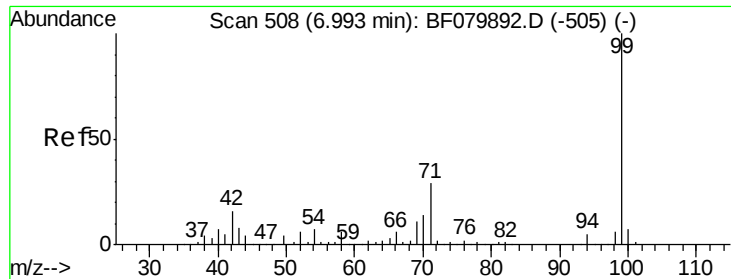
Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136654	93	100			
	66	36.8		29.4	44.0
	65	19.0		14.9	22.3





#7

Phenol-d6

Concen: 135.24 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

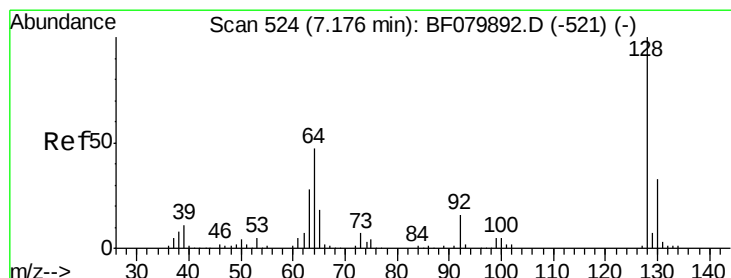
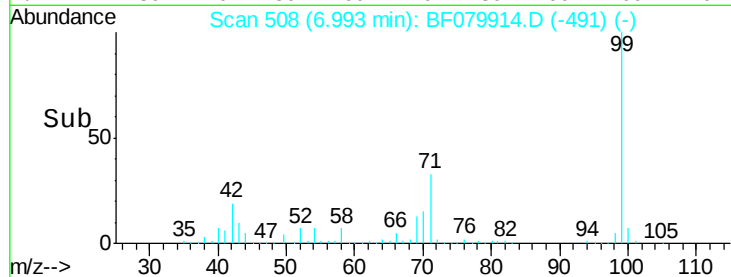
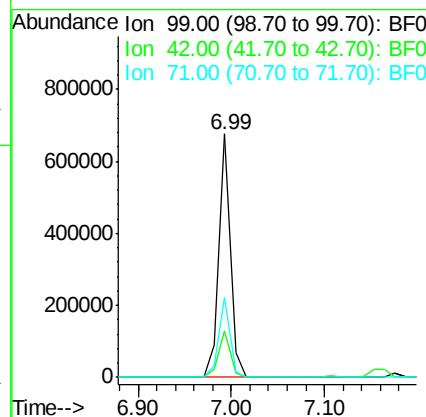
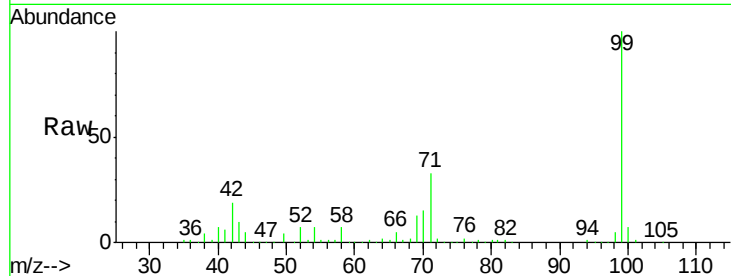
ClientSampleId :

FM1BMSD

Tot Ion:	99	Resp:	576882
Ion Ratio	Lower	Upper	
99	100		
42	19.0	12.9	19.3
71	32.9	23.4	35.2

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#8

2-Chlorophenol

Concen: 44.67 ng

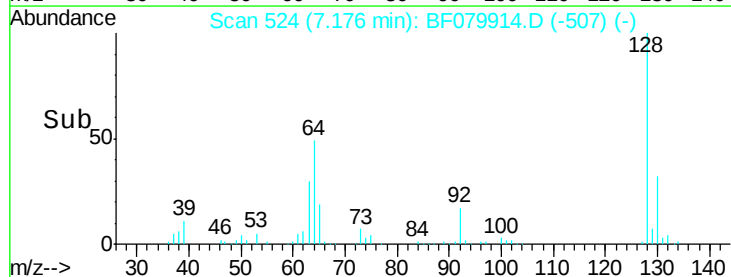
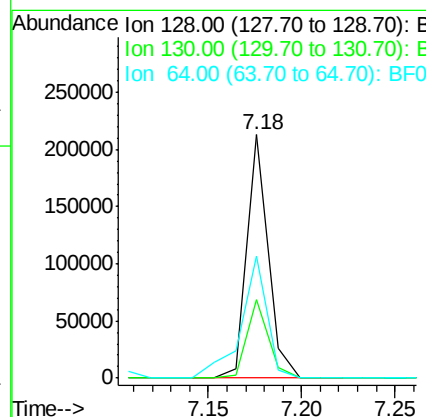
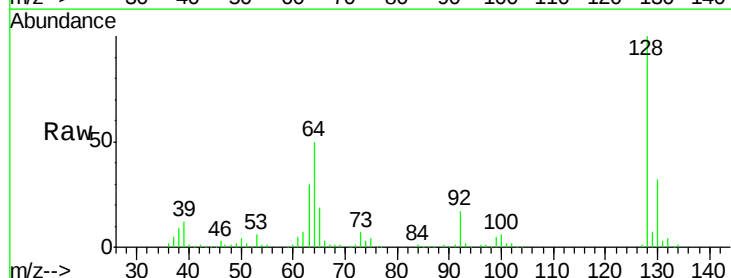
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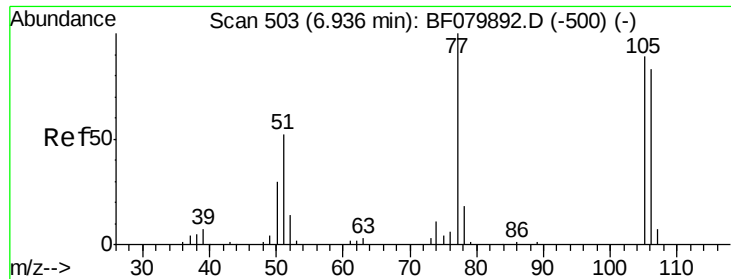
Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	128	Resp:	169960
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	50.3	26.8	66.8





#9

Benzaldehyde

Concen: 45.14 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

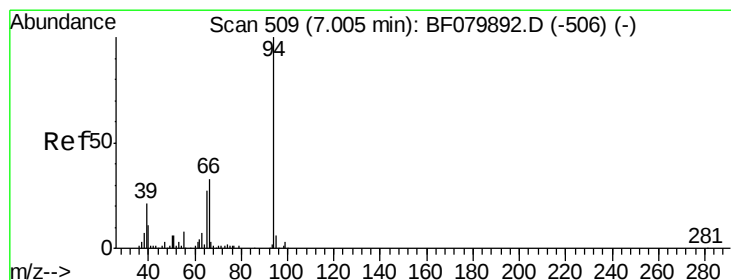
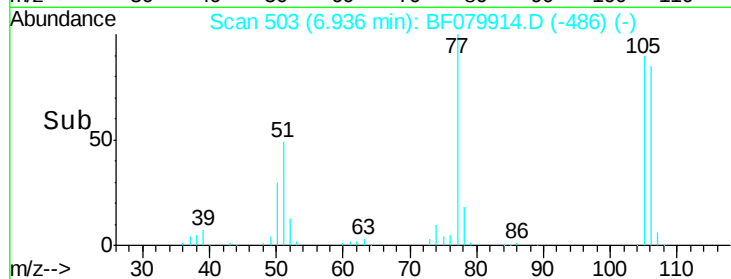
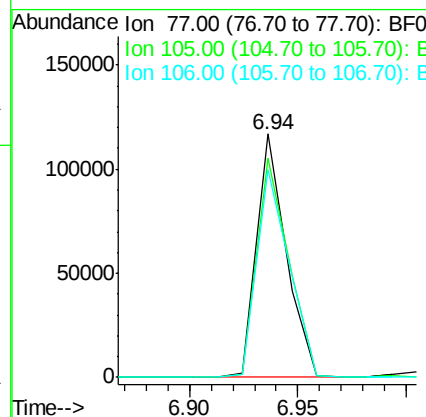
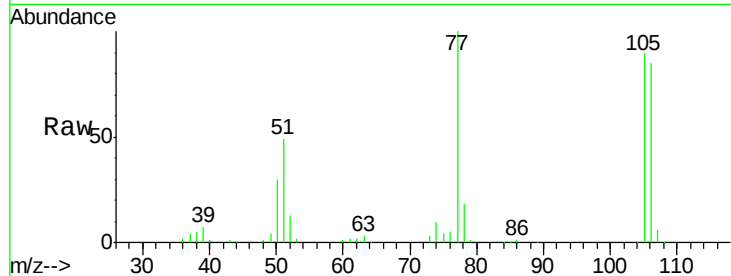
ClientSampleId :

FM1BMSD

Tot Ion:	77	Resp:	110679
Ion Ratio	Lower	Upper	
77	100		
105	89.9	68.6	108.6
106	85.3	63.3	103.3

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#10

Phenol

Concen: 45.54 ng

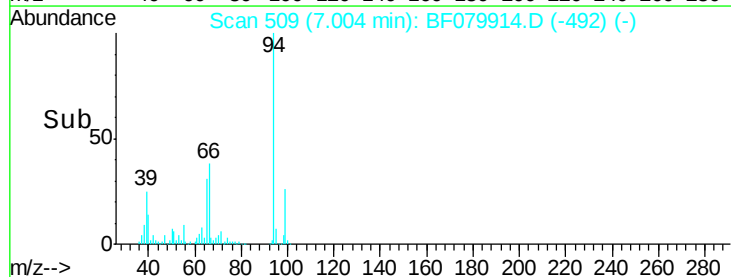
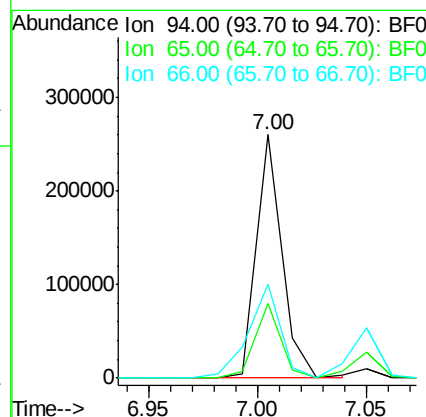
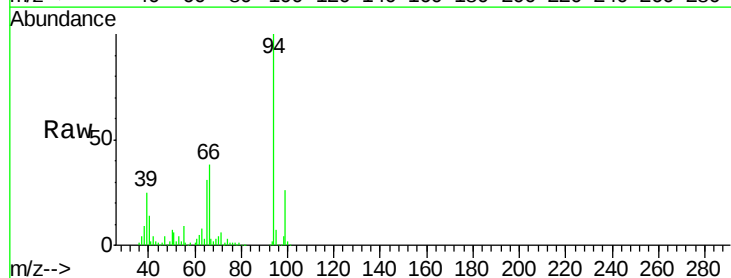
RT: 7.00 min Scan# 509

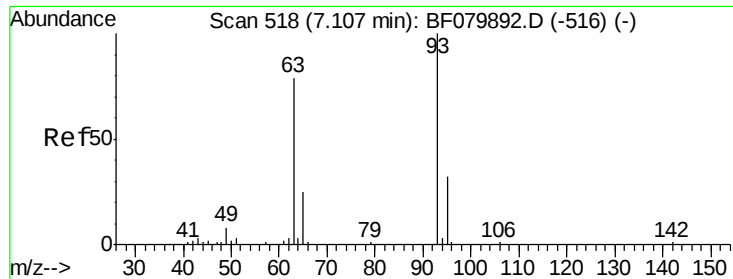
Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	94	Resp:	213657
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.0	47.0
66	38.3	13.3	53.3





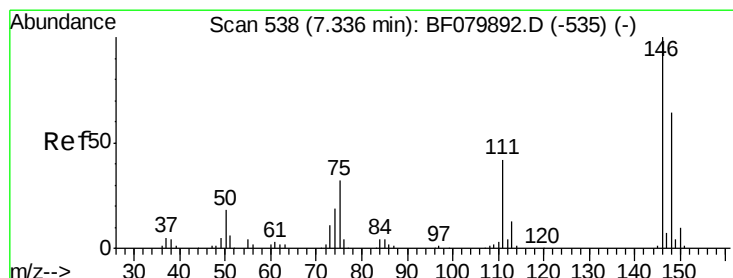
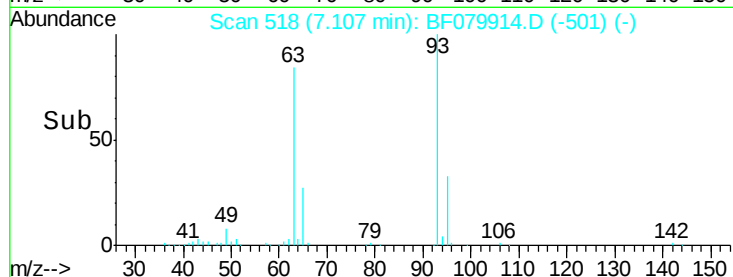
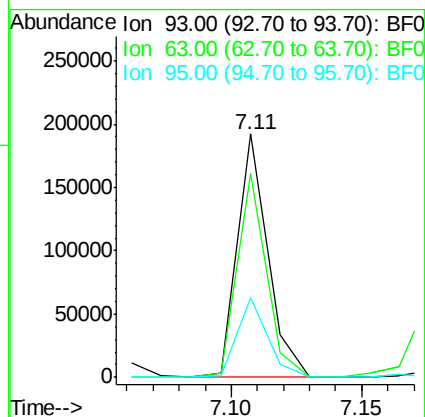
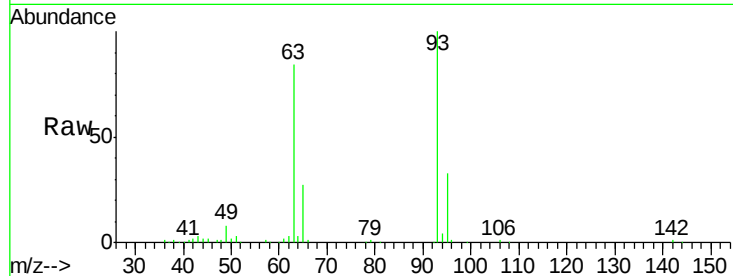
#11
bis(2-Chloroethyl)ether
Concen: 41.45 ng
RT: 7.11 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	156475		
63	84.0		58.7	98.7
95	32.7		11.5	51.5

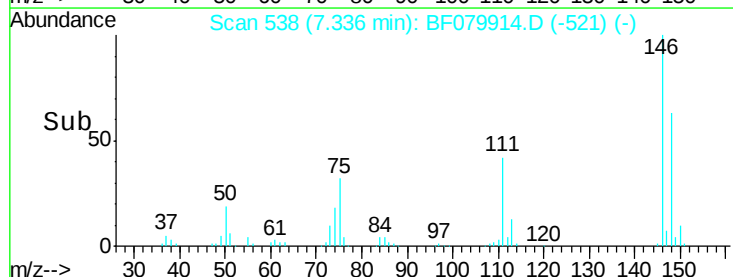
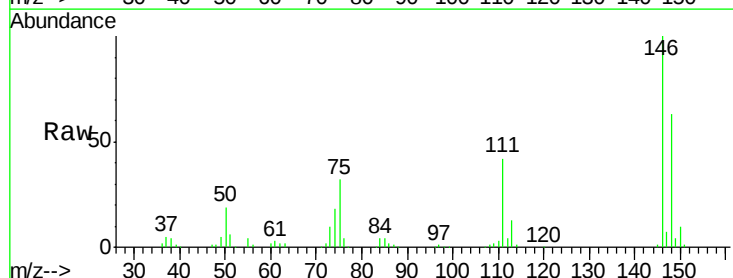
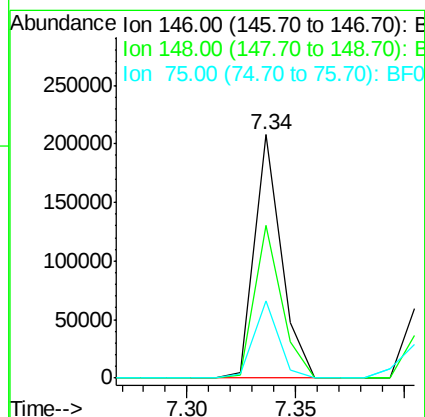
Manual Integrations
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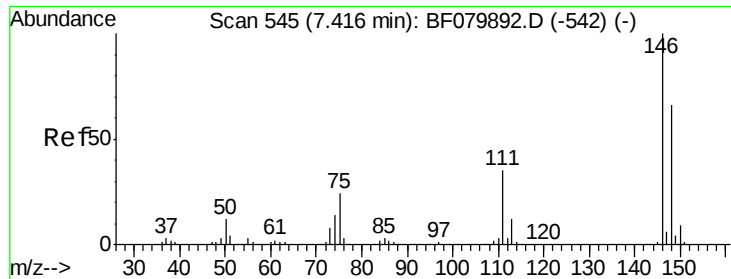
apatel
6/13/2015 8:44:36 AM



#12
1,3-Dichlorobenzene
Concen: 40.16 ng
RT: 7.34 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	178288		
148	62.9		50.9	76.3
75	31.7		25.8	38.6





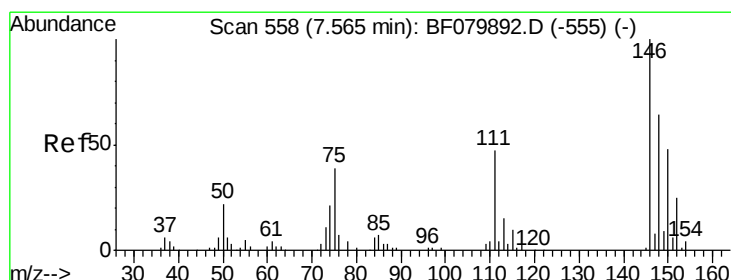
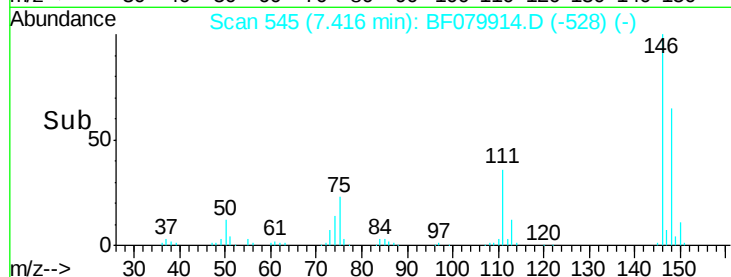
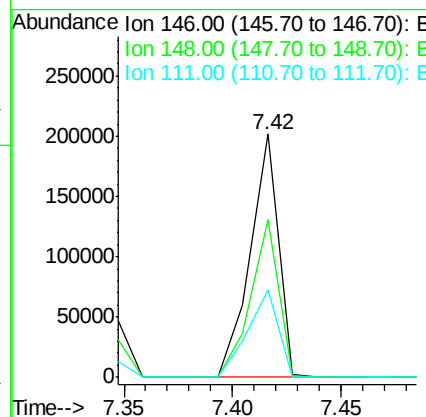
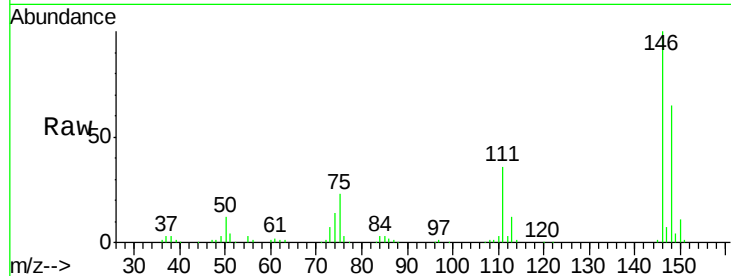
#13
 1,4-Dichlorobenzene
 Concen: 39.31 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleID :
 FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	181232		
148	65.1	53.0	79.6	
111	36.0	28.2	42.2	

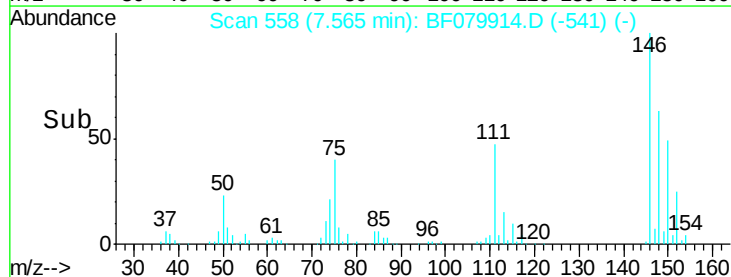
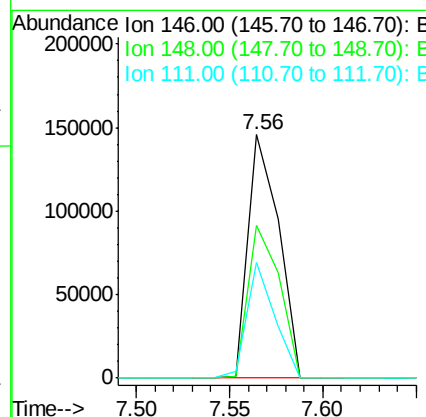
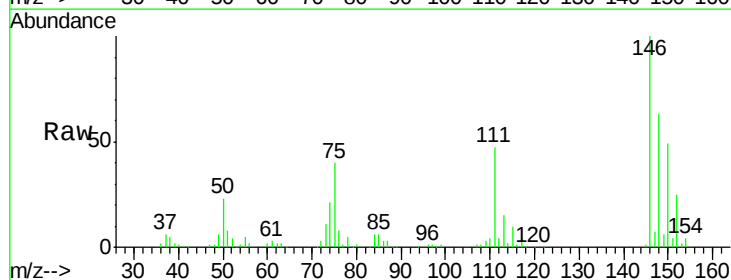
Manual Integrations
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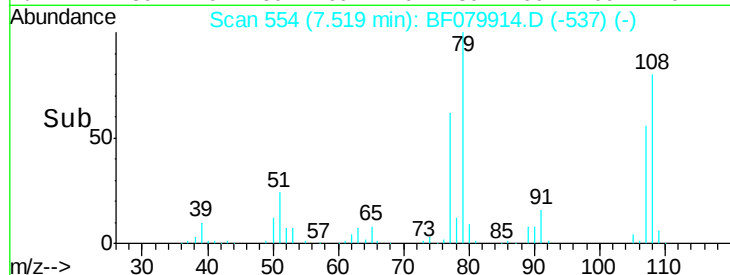
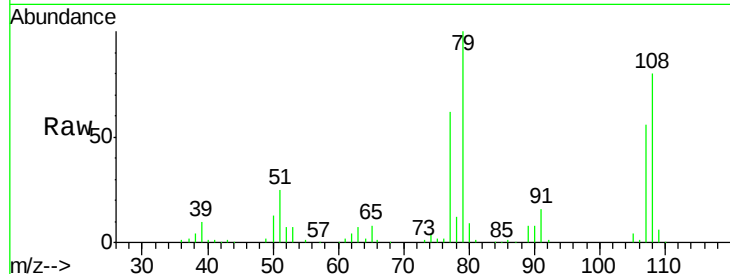
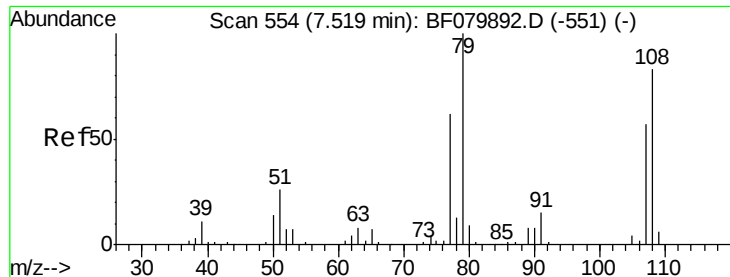
apatel
 6/13/2015 8:44:36 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.66 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166514		
148	62.9	51.2	76.8	
111	47.3	37.3	55.9	





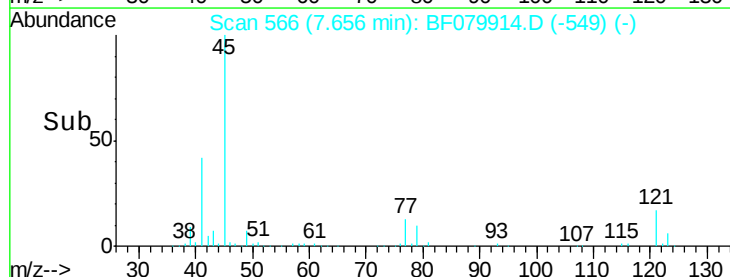
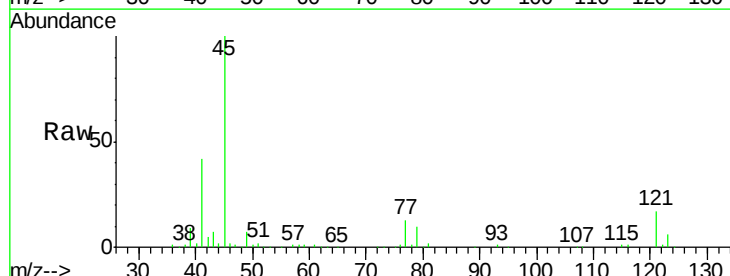
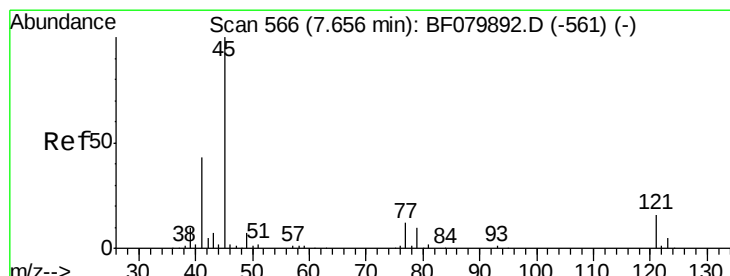
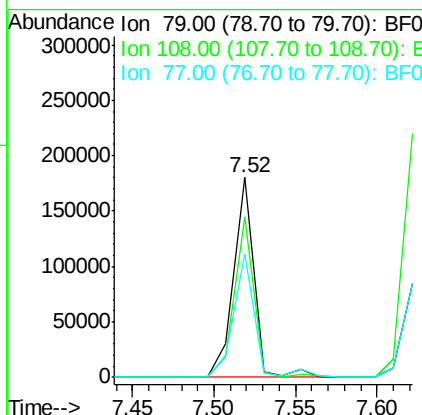
#15
Benzyl Alcohol
Concen: 44.98 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100	153828		
108	80.1	66.4	99.6	
77	62.0	49.4	74.0	

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

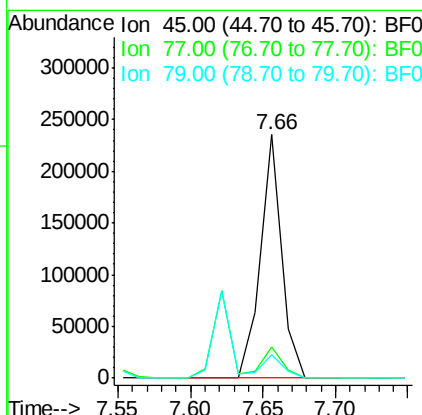
Manual Integrations
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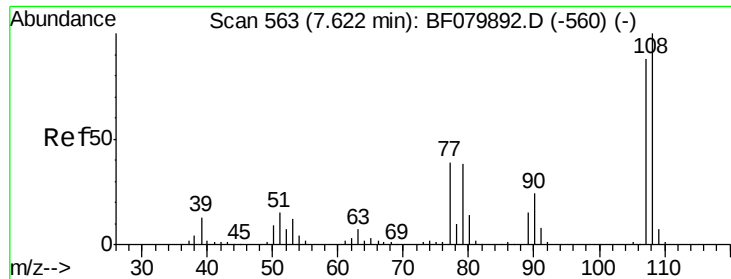
apatel
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.48 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	237502		
77	12.6	0.0	31.9	
79	9.8	0.0	29.6	





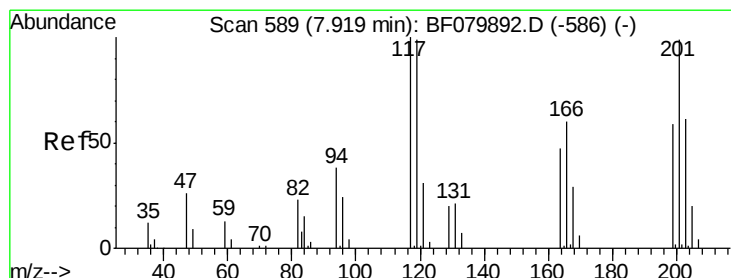
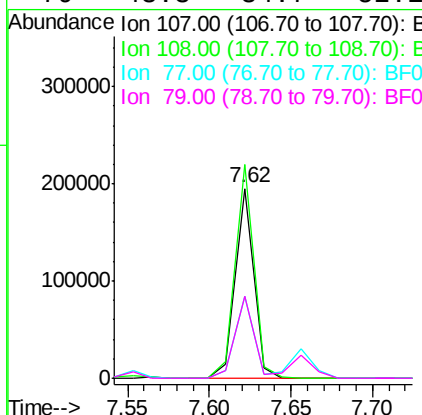
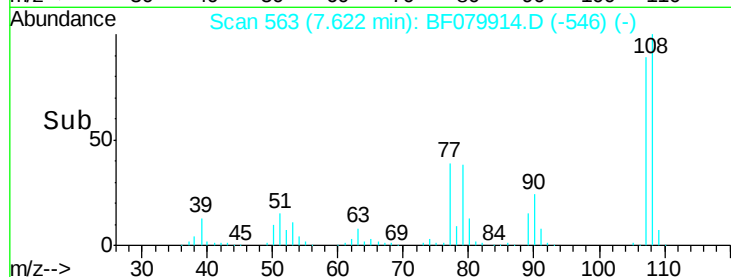
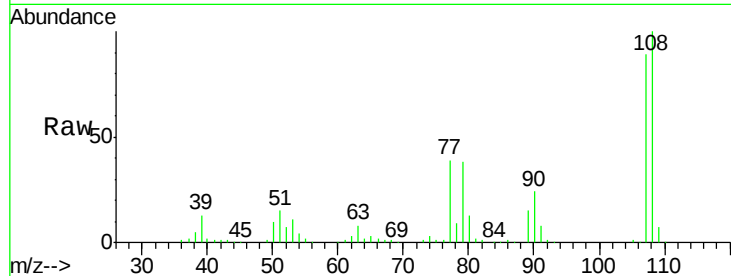
#17
2-Methylphenol
Concen: 45.56 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	90.8	136.2	
77	43.4	35.4	53.2	
79	43.3	34.7	52.1	

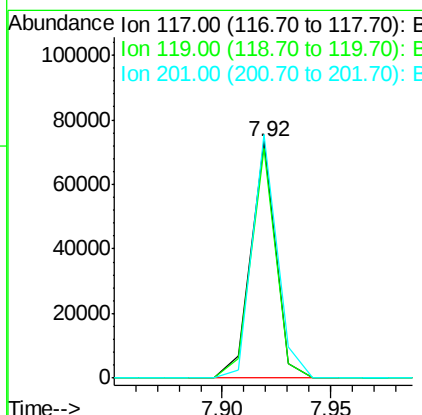
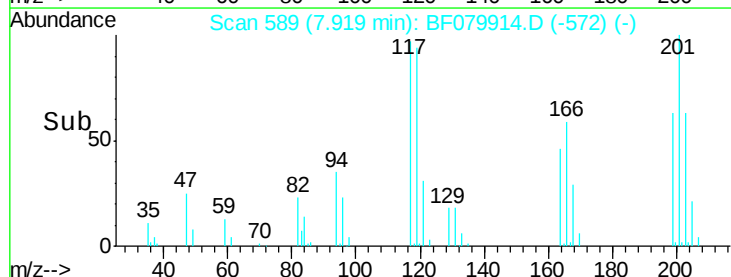
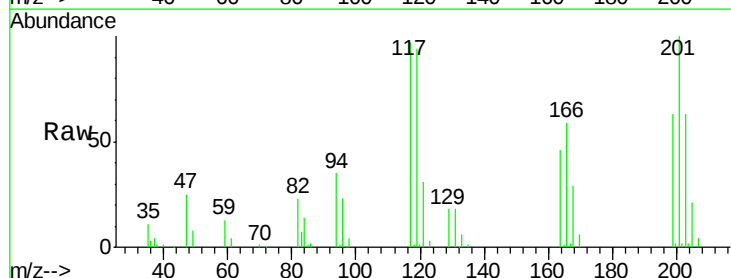
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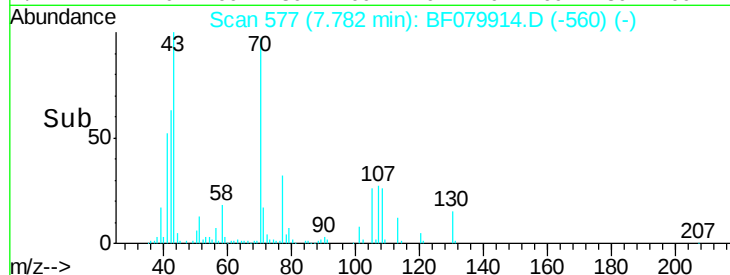
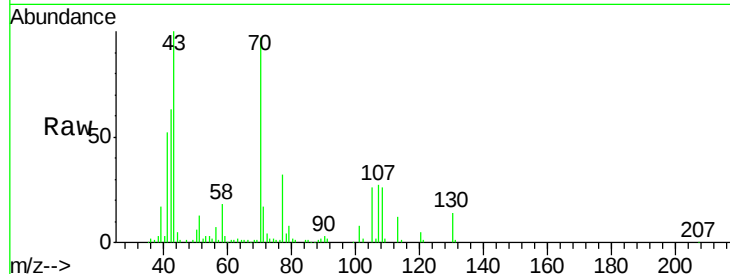
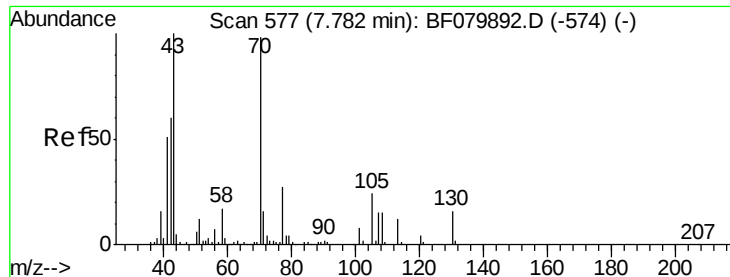
apatel
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#18
Hexachloroethane
Concen: 40.68 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	79.0	118.6	
201	102.7	79.0	118.6	





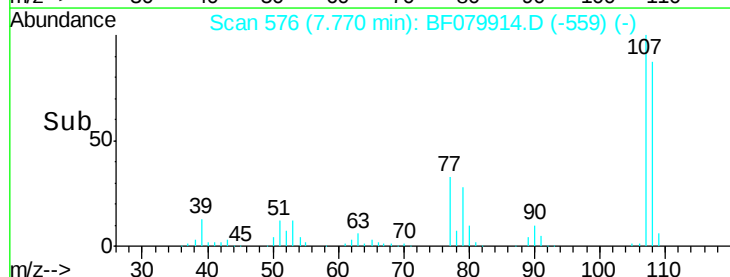
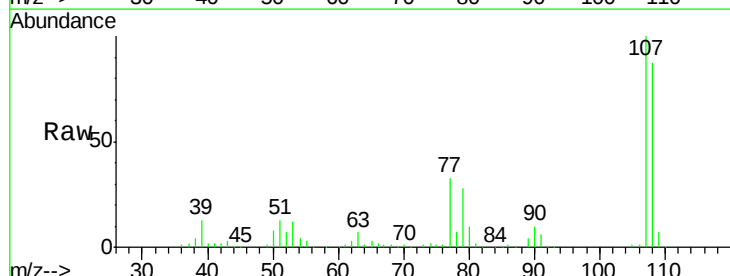
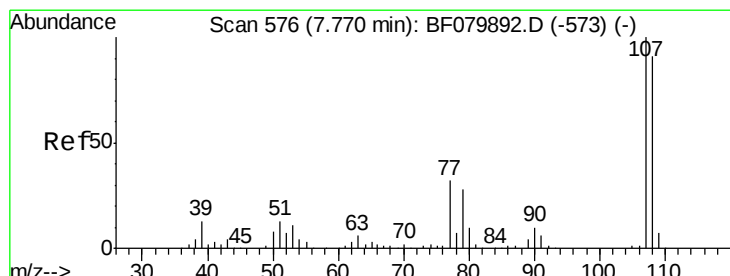
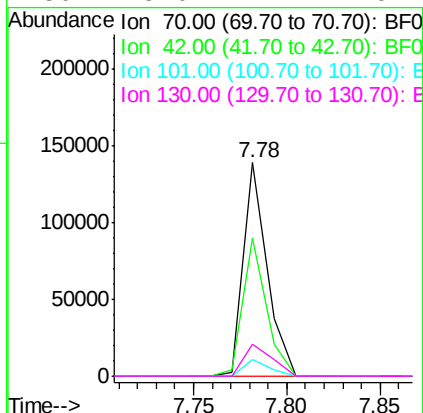
#19
n-Nitroso-di-n-propylamine
Concen: 40.40 ng
RT: 7.78 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.7	49.0	73.4		
101	8.0	6.6	9.8		
130	15.0	12.7	19.1		

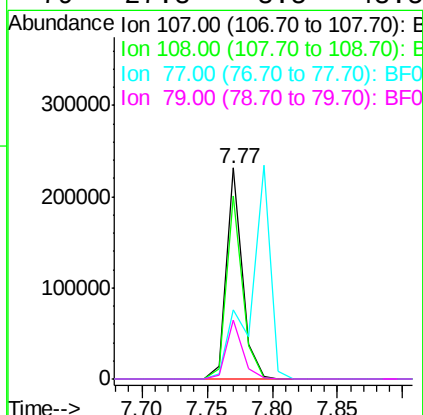
Manual Integrations
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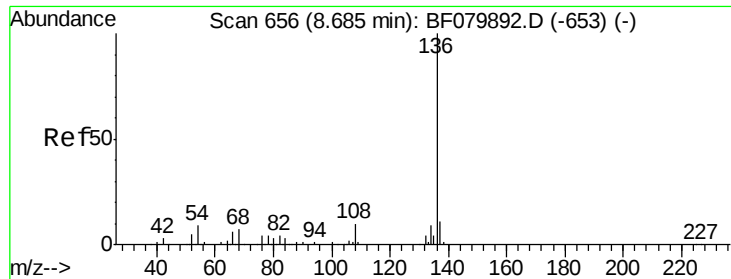
apatel
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#20
3+4-Methylphenols
Concen: 46.47 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.0	71.1	111.1		
77	32.7	12.2	52.2		
79	27.8	8.5	48.5		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

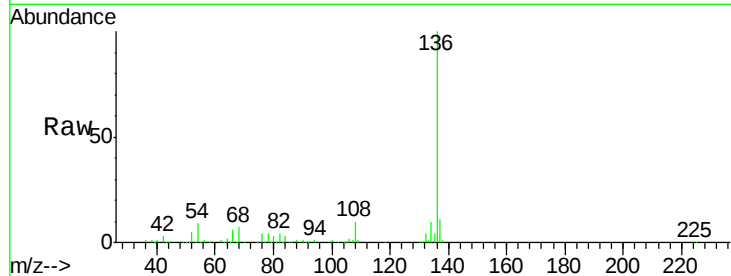
ClientSampleId :

FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	234146		
137	11.2	8.7	13.1	
54	9.4	7.3	10.9	
68	6.7	5.9	8.9	

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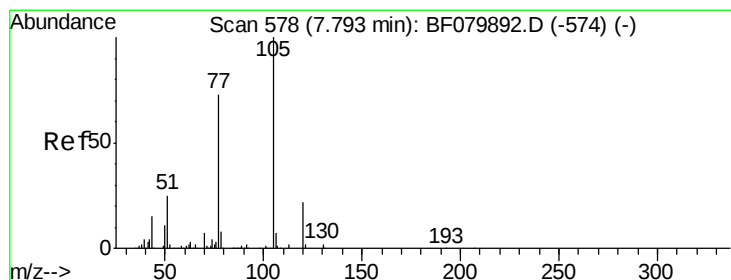
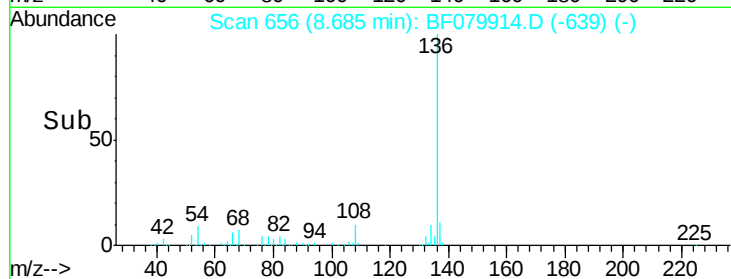
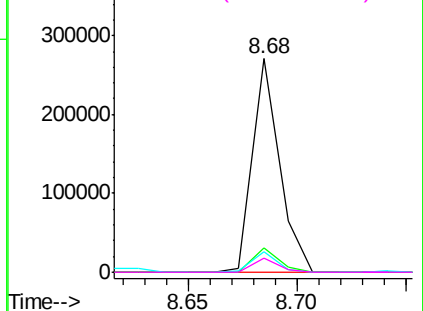
Abundance

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



#22

Acetophenone

Concen: 45.72 ng

RT: 7.79 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252805		
71	1.9	1.0	1.4#	
51	26.6	19.8	29.6	
120	21.0	17.6	26.4	

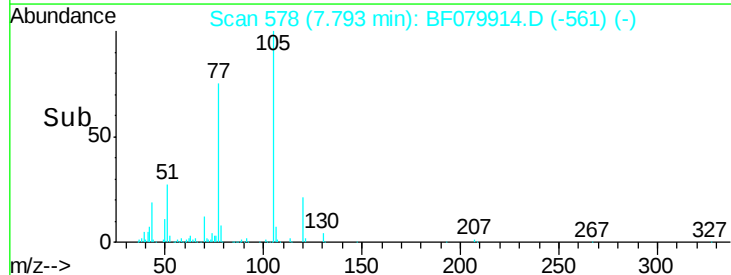
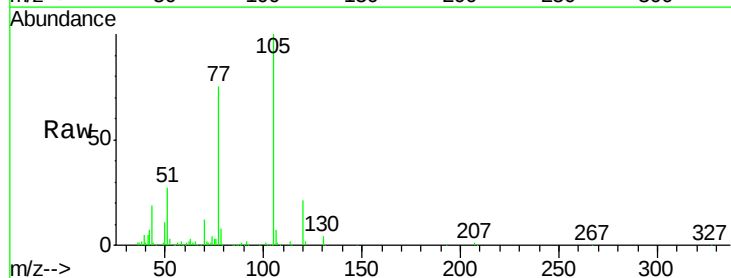
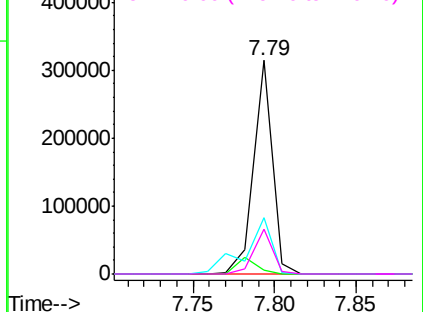
Abundance

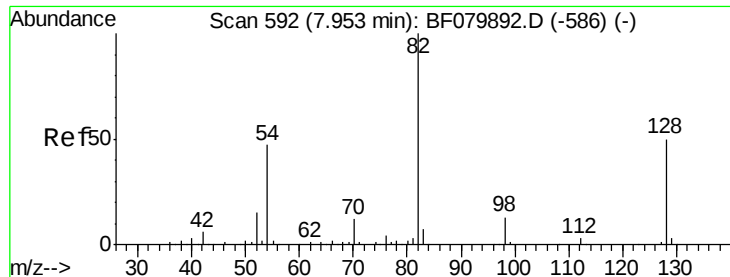
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





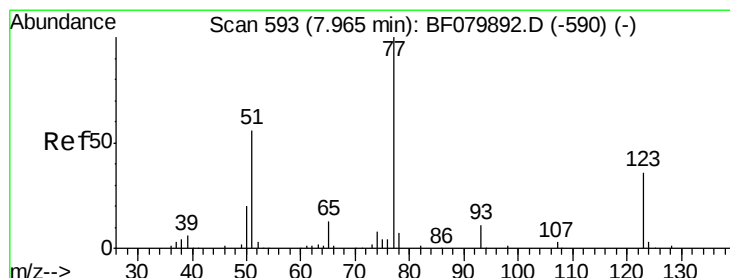
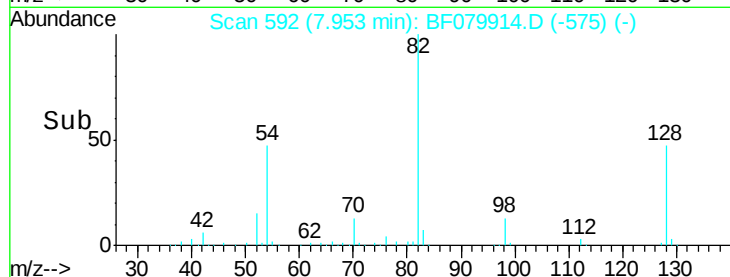
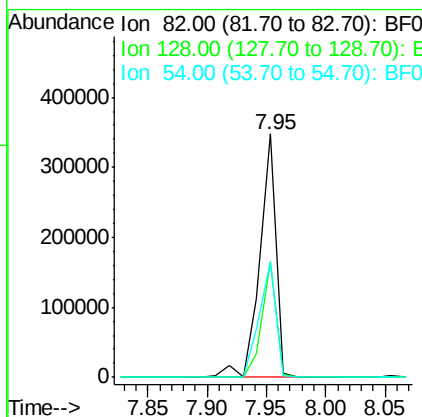
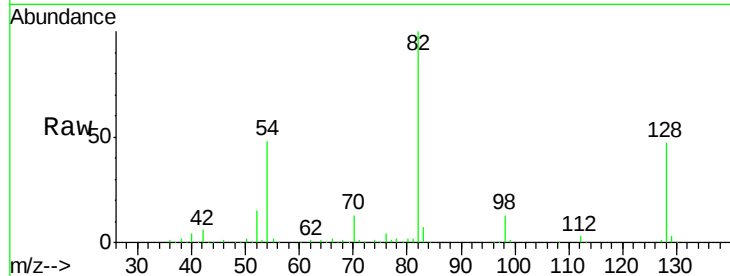
#23
Nitrobenzene-d5
Concen: 94.01 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.3	60.5
54	47.6	38.0	57.0

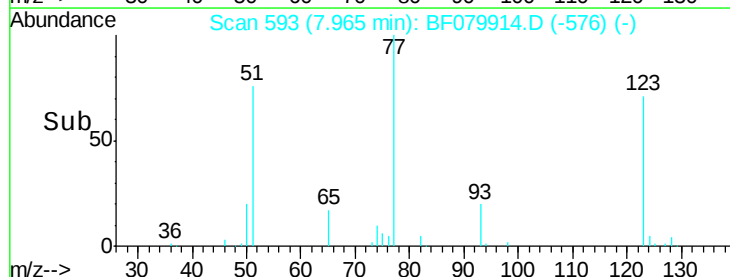
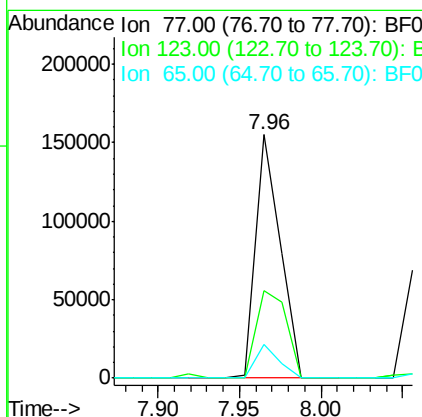
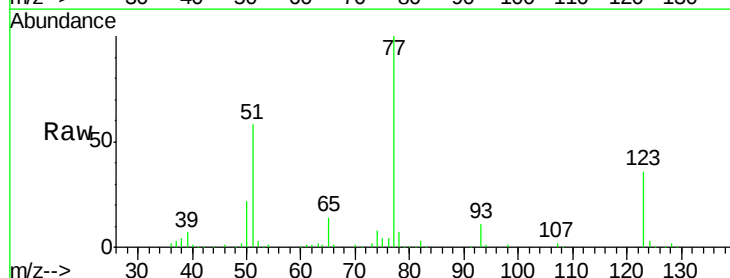
Manual Integrations
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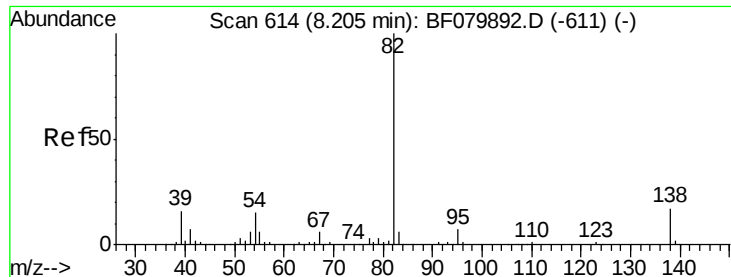
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#24
Nitrobenzene
Concen: 43.09 ng
RT: 7.96 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.2	28.8	43.2
65	13.6	10.3	15.5





#25

Isophorone

Concen: 42.16 ng

RT: 8.20 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

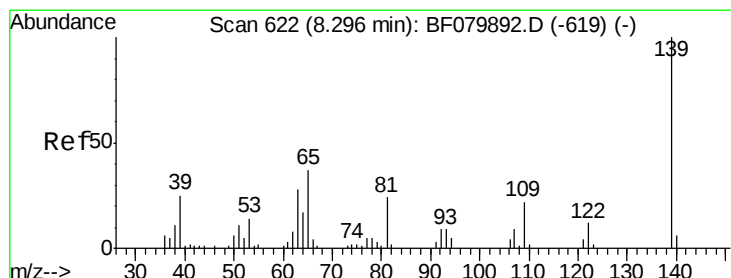
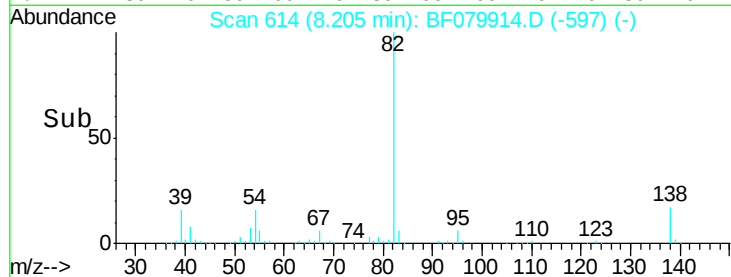
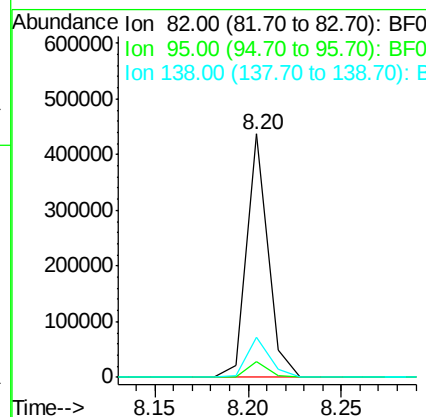
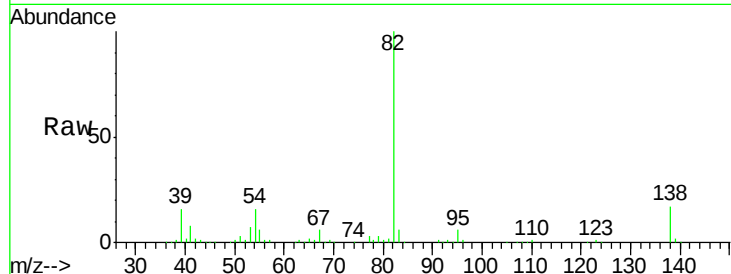
ClientSampleId :

FM1BMSD

Tot Ion:	82	Resp:	348140
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.2	7.8
138	16.5	13.3	19.9

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#26

2-Nitrophenol

Concen: 46.32 ng

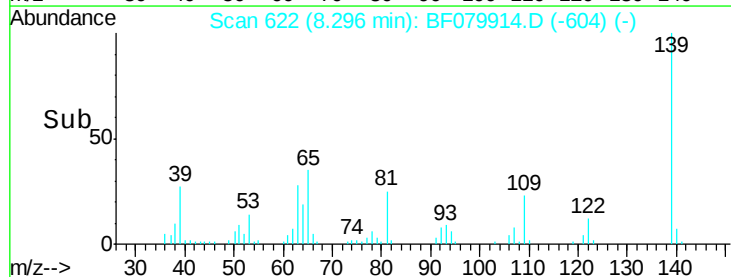
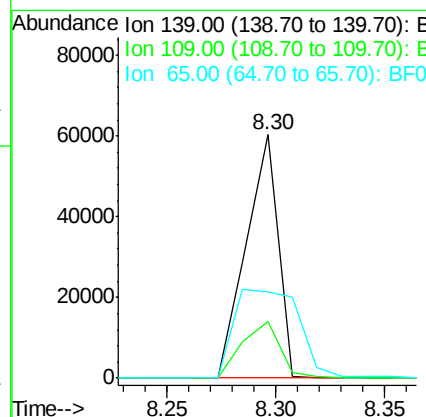
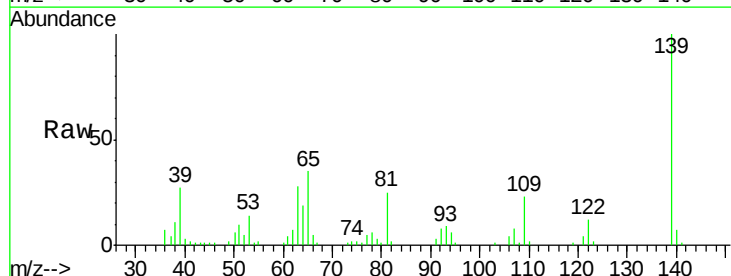
RT: 8.30 min Scan# 622

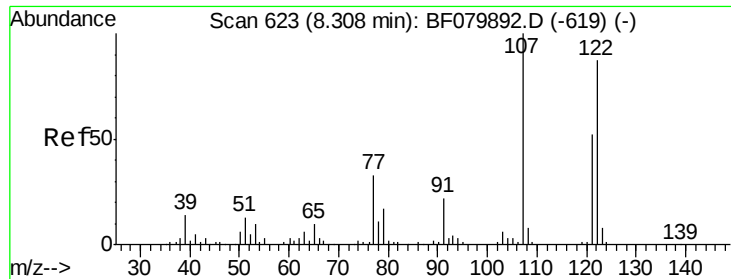
Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	139	Resp:	61324
Ion Ratio		Lower	Upper
139	100		
109	23.5	17.8	26.6
65	35.2	29.4	44.0





#27

2,4-Dimethylphenol

Concen: 48.31 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tot Ion:122 Resp: 178825

Ion Ratio Lower Upper

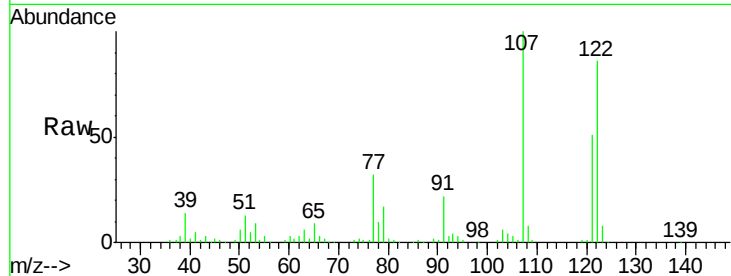
122 100

107 116.5 91.7 137.5

121 59.6 47.8 71.6

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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

8.31

250000

200000

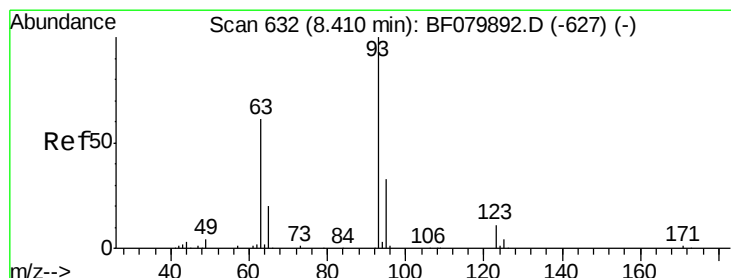
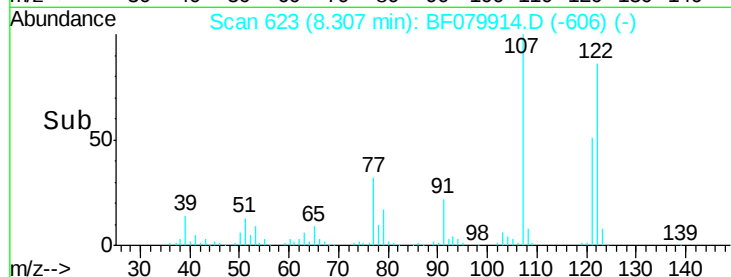
150000

100000

50000

0

Time--> 8.20 8.30 8.40



#28

bis(2-Chloroethoxy)methane

Concen: 43.87 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

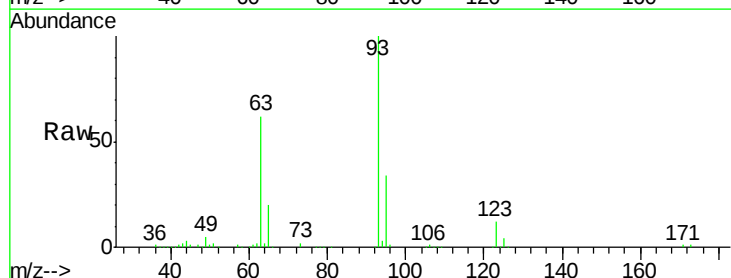
Tgt Ion: 93 Resp: 215121

Ion Ratio Lower Upper

93 100

95 33.6 26.1 39.1

123 11.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

8.41

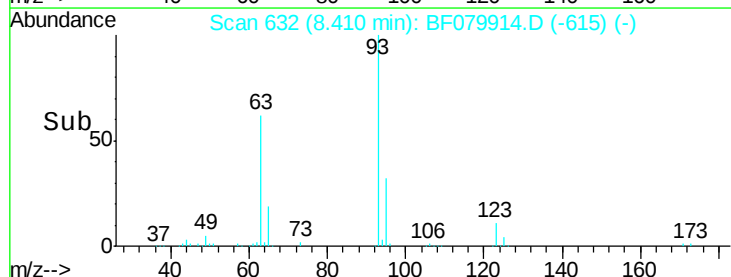
300000

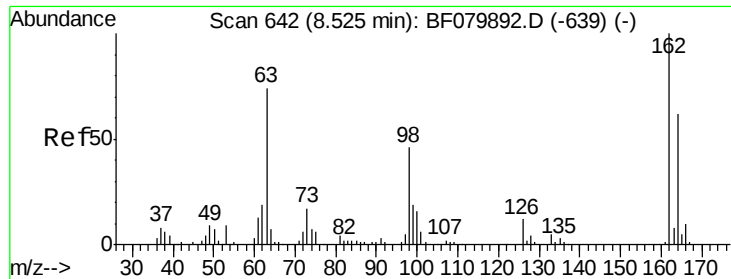
200000

100000

0

Time--> 8.35 8.40 8.45





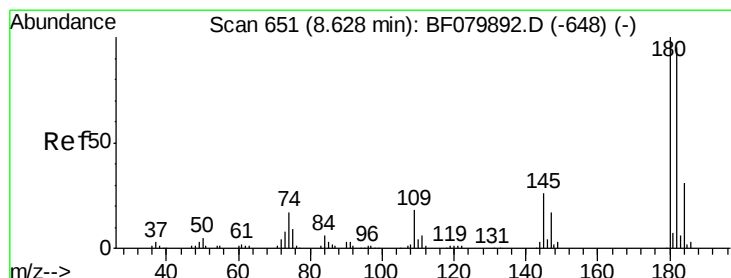
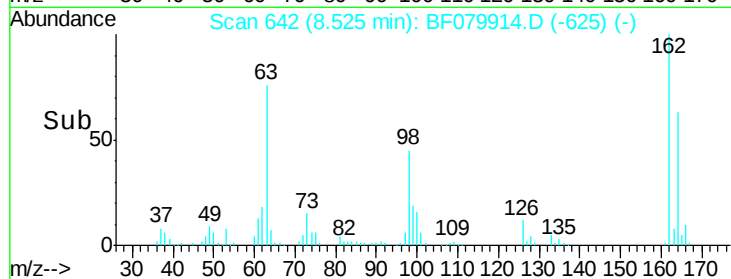
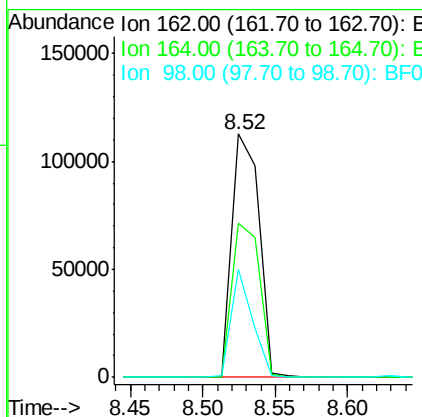
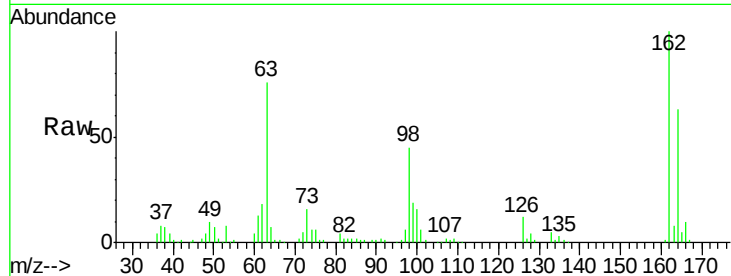
#29
 2,4-Dichlorophenol
 Concen: 47.45 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	42.2	82.2
98	44.5	26.0	66.0

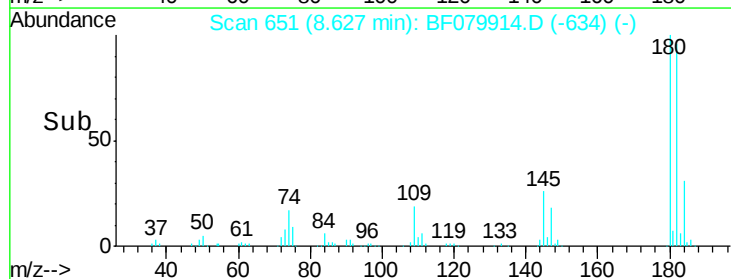
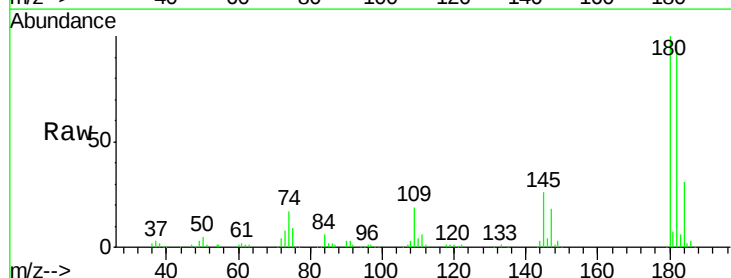
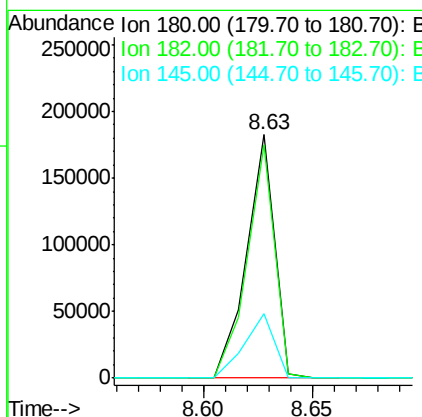
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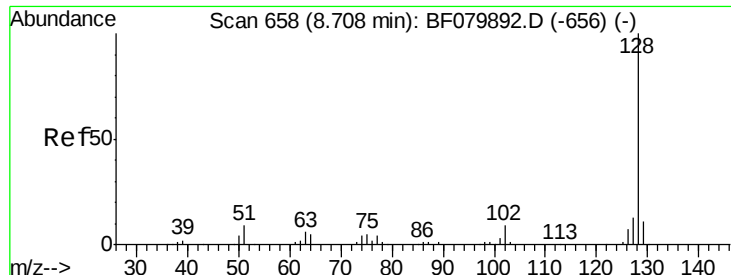
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.17 ng
 RT: 8.63 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	75.7	113.5
145	26.3	21.1	31.7





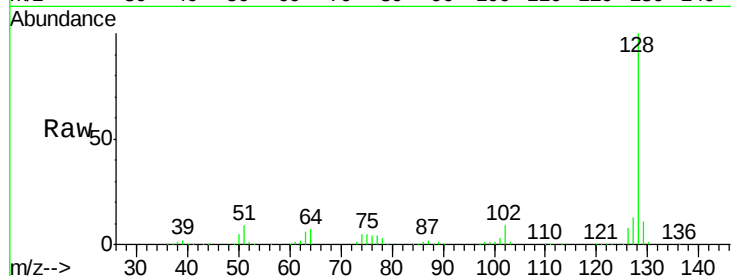
#31
Naphthalene
Concen: 60.52 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

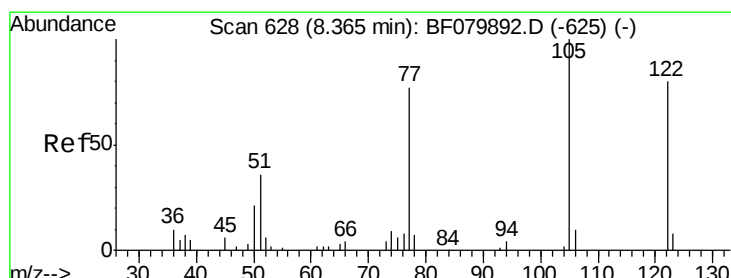
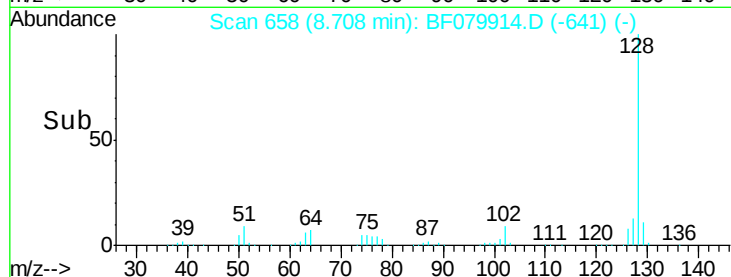
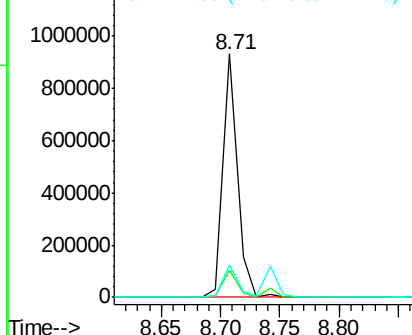
Tot Ion	Ratio	Resp	Lower	Upper
128	100	774534		
129	11.5		8.8	13.2
127	13.5		10.5	15.7

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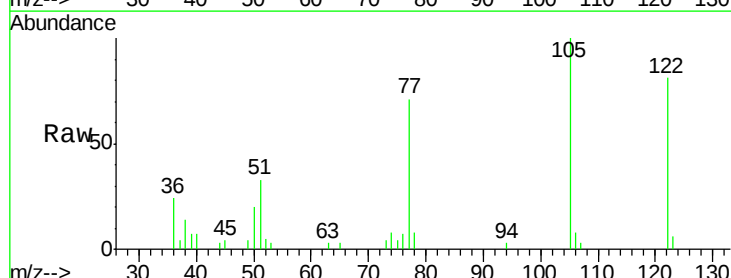


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

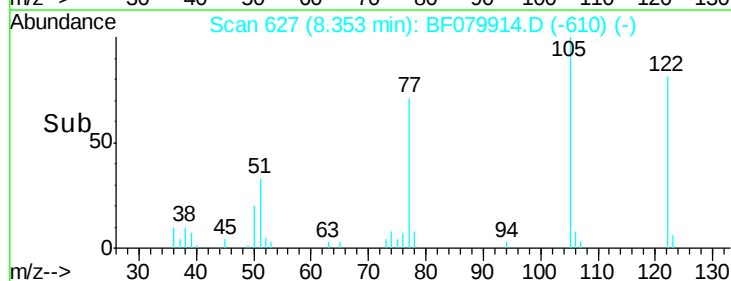
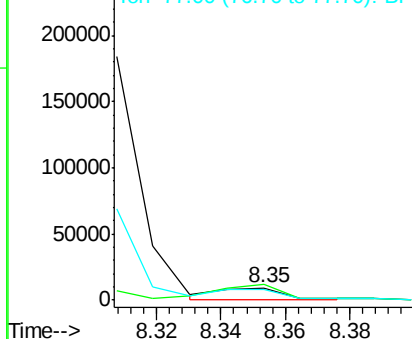


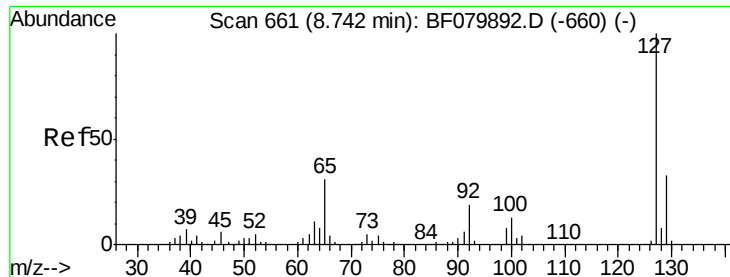
#32
Benzoic acid
Concen: 16.38 ng m
RT: 8.35 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13782		
105	124.1		102.7	142.7
77	88.3		77.1	117.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





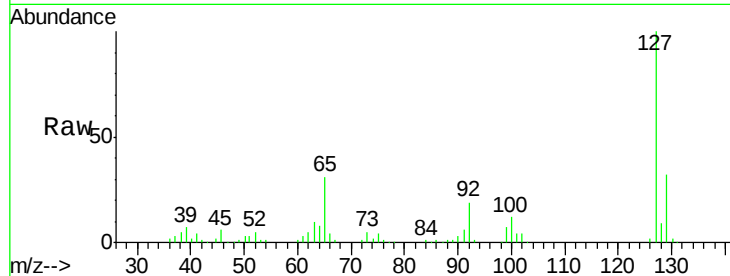
#33
4-Chloroaniline
Concen: 17.83 ng
RT: 8.74 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

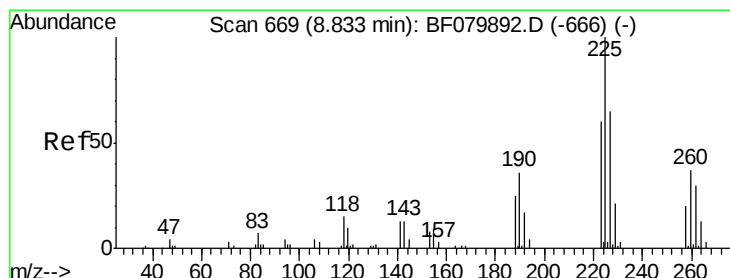
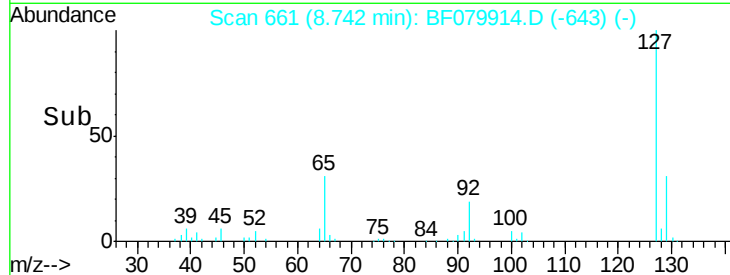
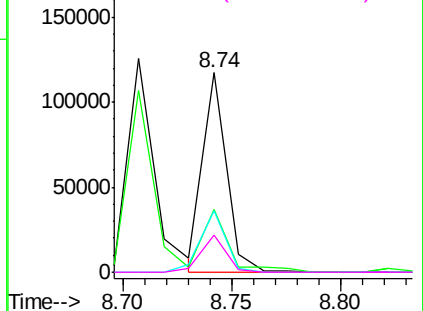
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.1	39.1	
65	31.2	25.5	38.3	
92	18.6	15.7	23.5	

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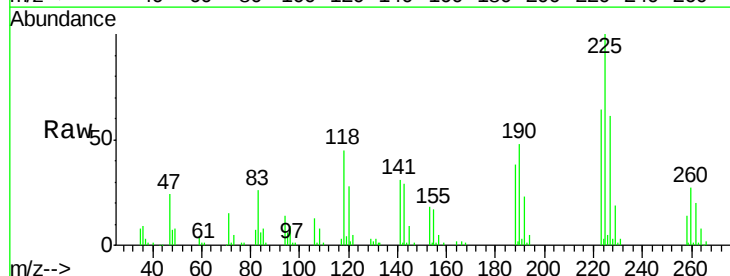


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

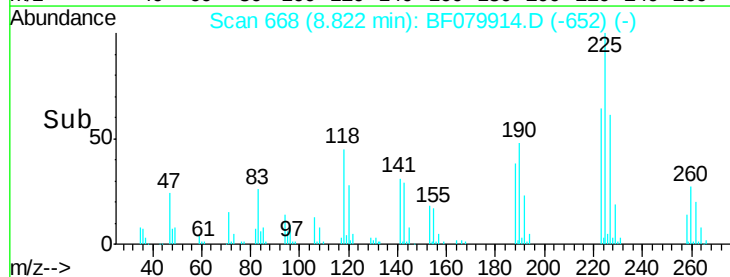
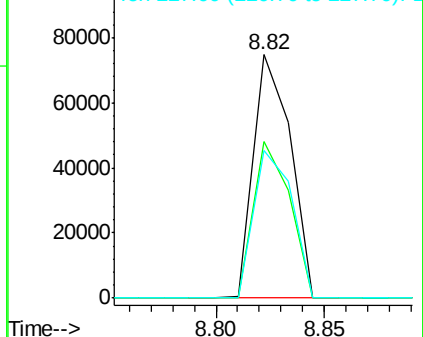


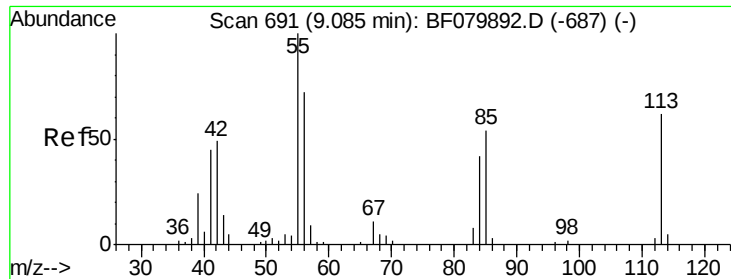
#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	47.8	71.6	
227	60.7	52.0	78.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





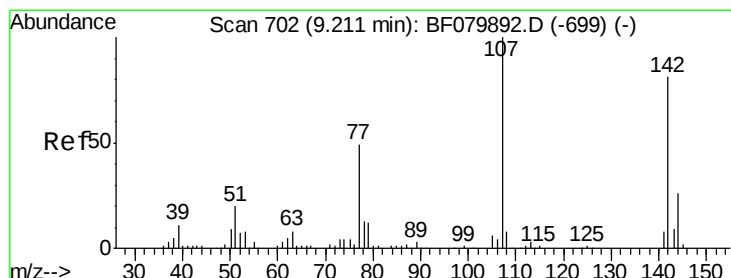
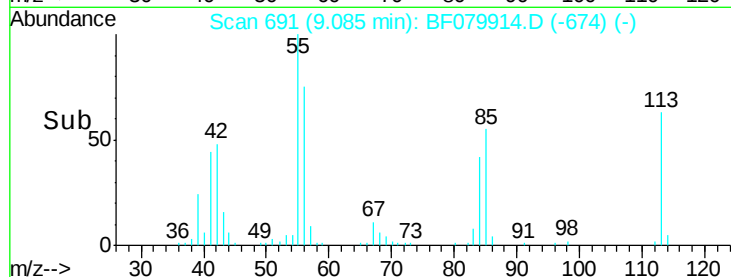
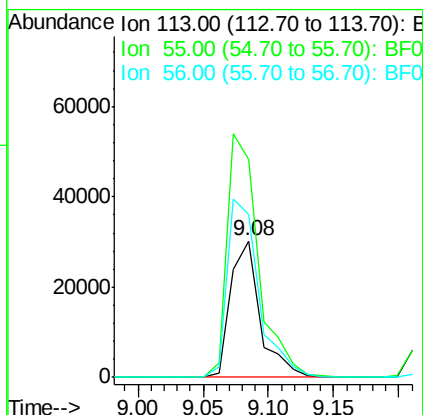
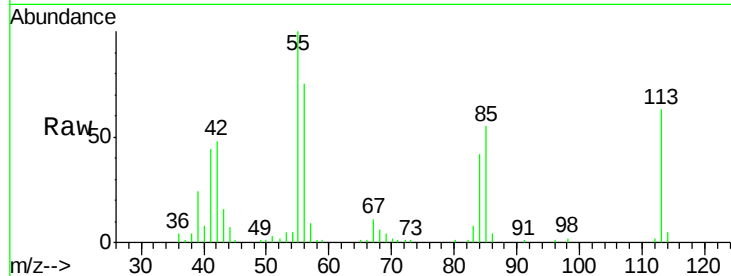
#35
 Caprolactam
 Concen: 48.29 ng
 RT: 9.08 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.9	141.4	181.4
56	120.1	95.9	135.9

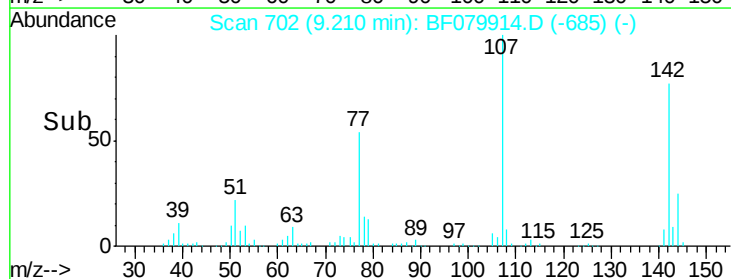
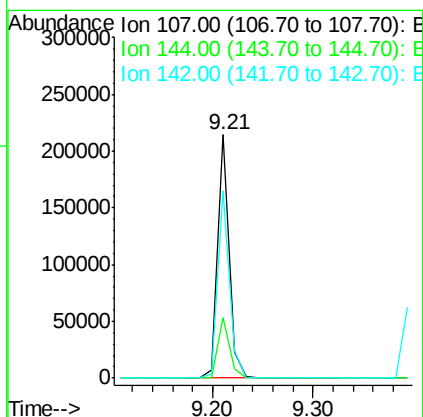
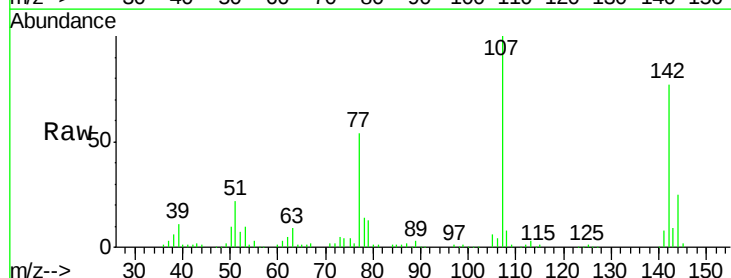
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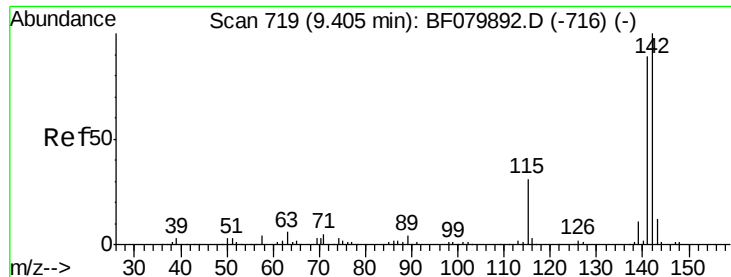
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#36
 4-Chloro-3-methylphenol
 Concen: 47.77 ng
 RT: 9.21 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.0	31.6
142	76.8	64.5	96.7





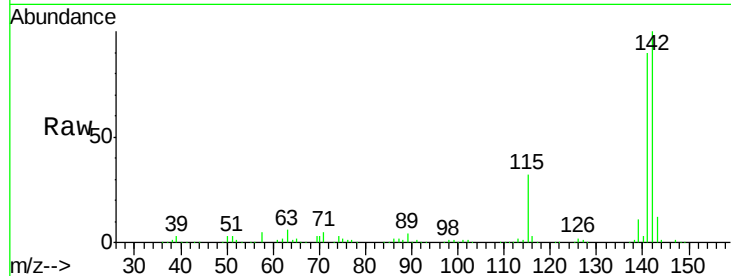
#37
2-Methylnaphthalene
Concen: 50.37 ng
RT: 9.40 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

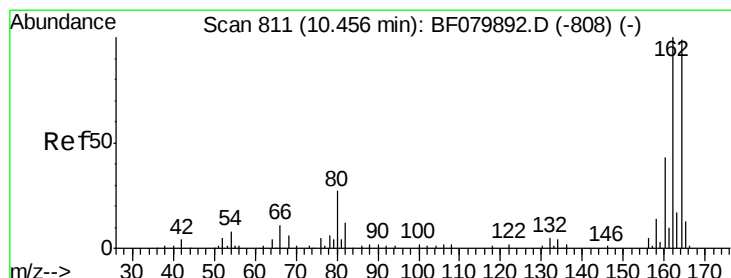
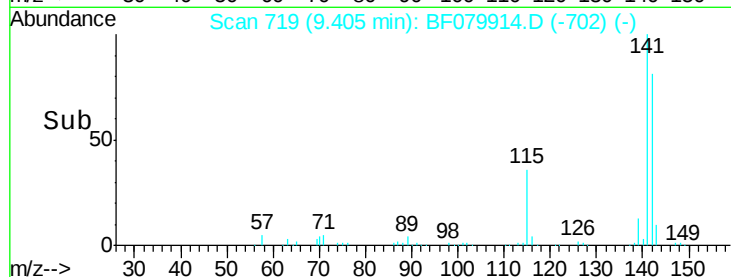
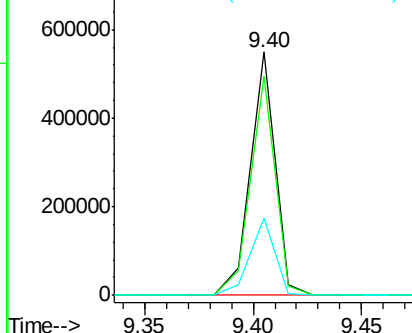
Tot Ion	Ratio	Resp	Lower	Upper
142	100	435526		
141	90.1	70.9	106.3	
115	31.9	25.0	37.4	

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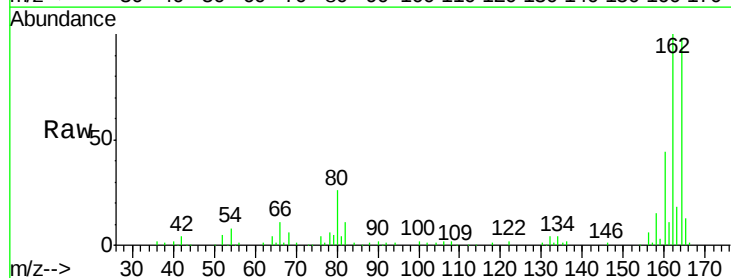


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

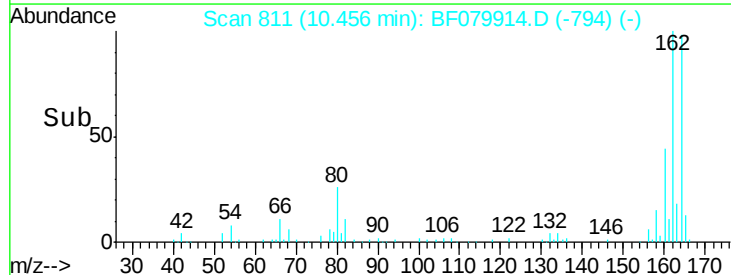
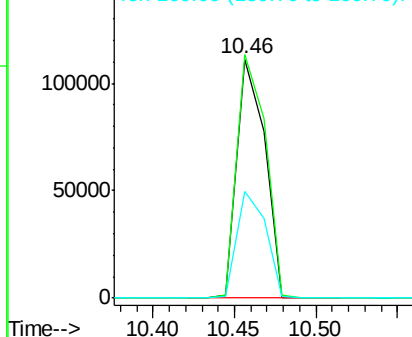


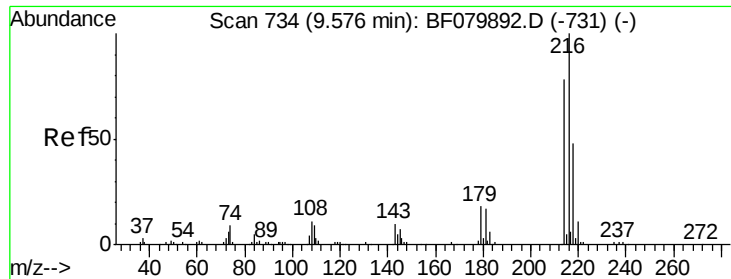
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130857		
162	101.9	80.7	121.1	
160	44.4	34.6	51.8	



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





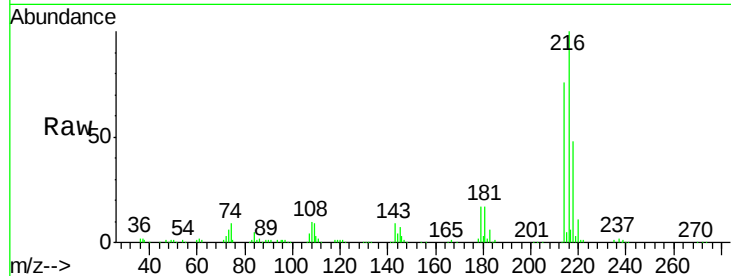
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.64 ng
 RT: 9.58 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

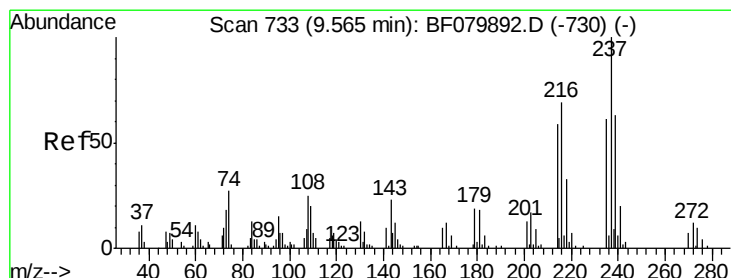
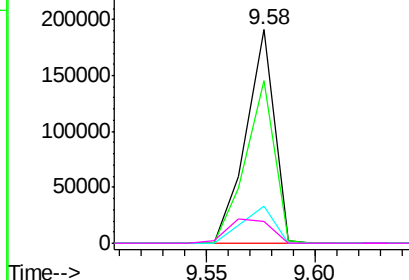
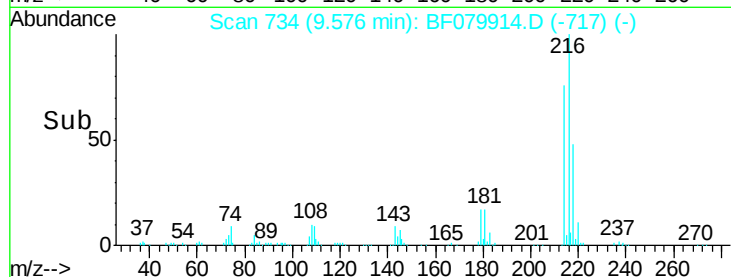
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.4	63.5	95.3		
179	19.3	15.8	23.8		
108	17.4	13.7	20.5		

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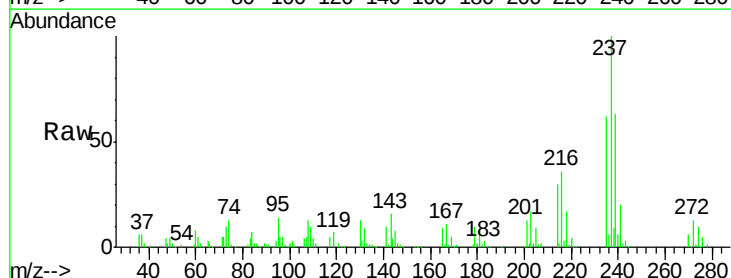


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

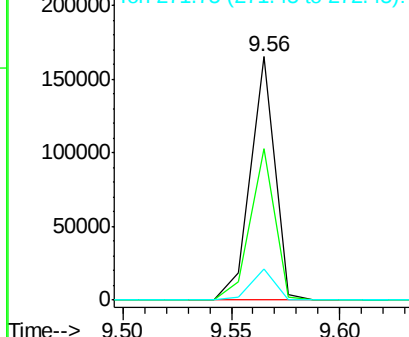
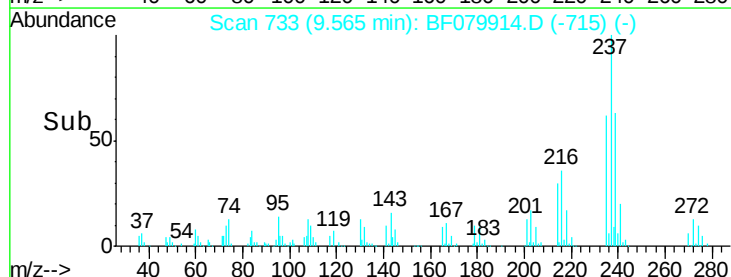


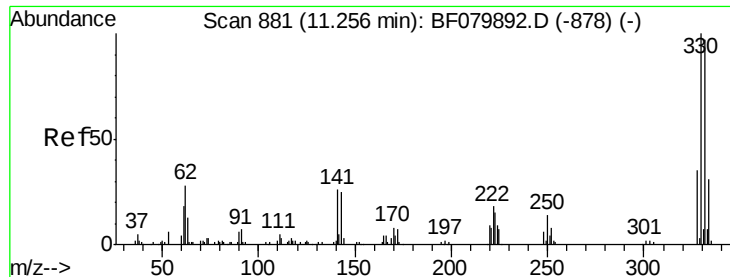
#40
 Hexachlorocyclopentadiene
 Concen: 70.17 ng
 RT: 9.56 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	41.3	81.3		
272	12.8	0.0	32.2		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





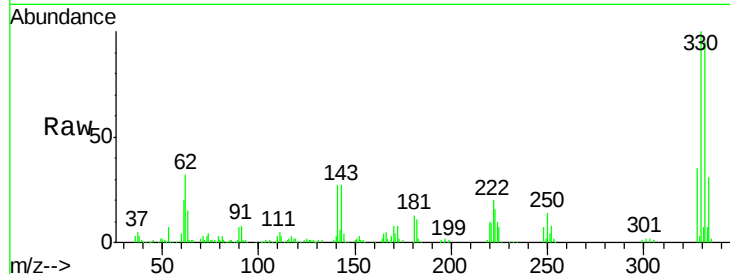
#41
 2,4,6-Tribromophenol
 Concen: 130.26 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

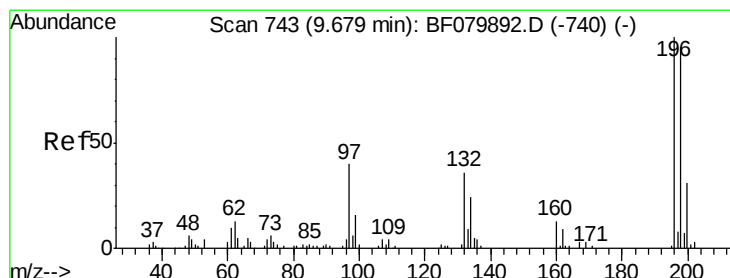
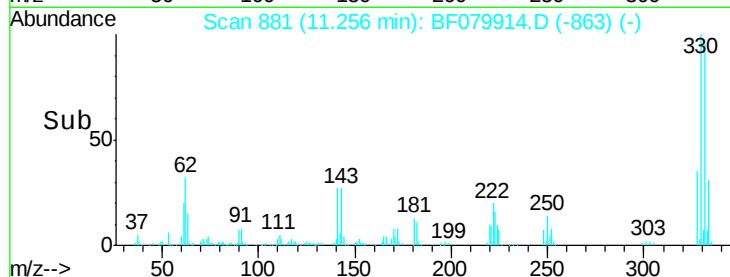
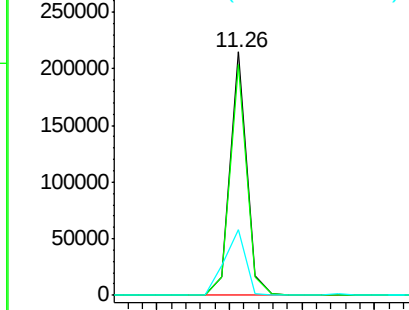
Tot Ion	Ratio	Resp	Lower	Upper
330	100	171694		
332	95.0	77.3	115.9	
141	34.7	26.8	40.2	

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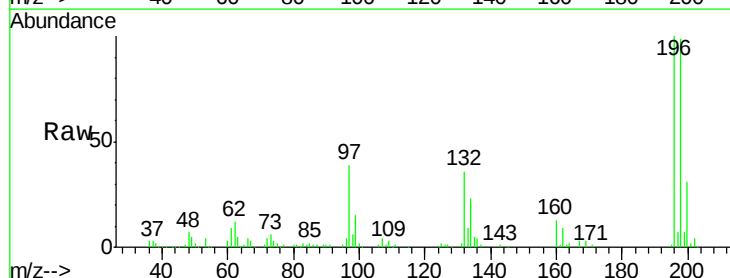


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

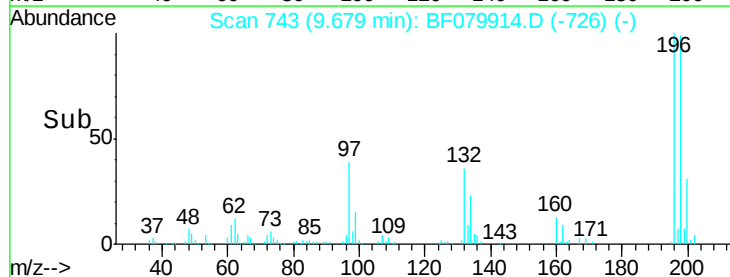
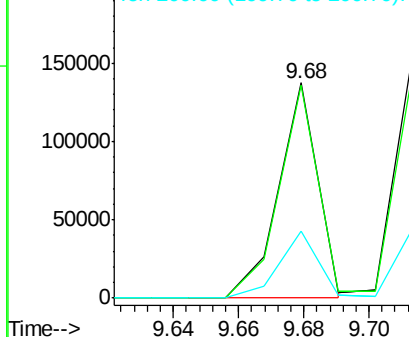


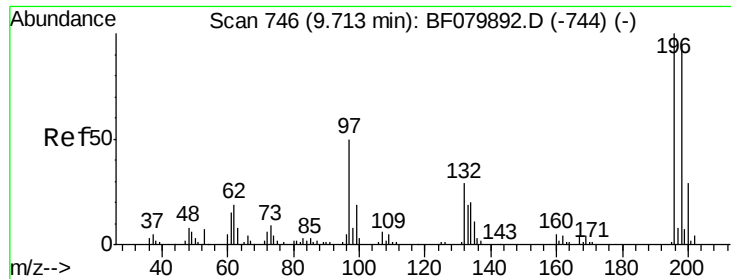
#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 9.68 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115073		
198	98.9	76.0	114.0	
200	31.4	24.9	37.3	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





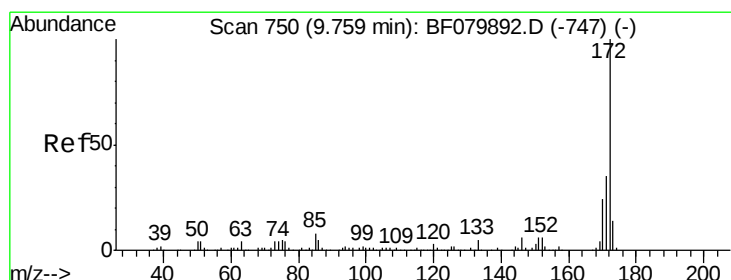
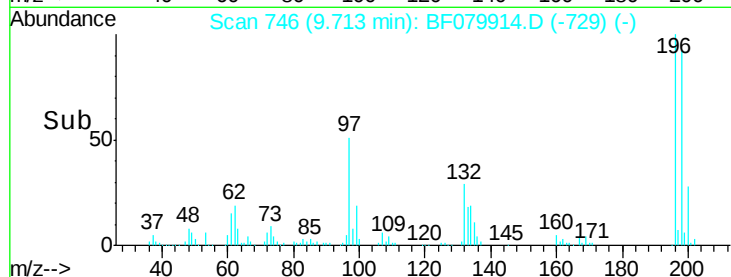
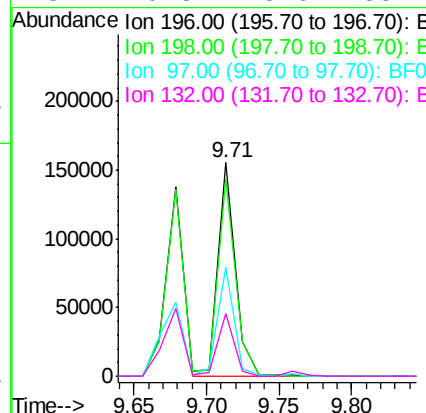
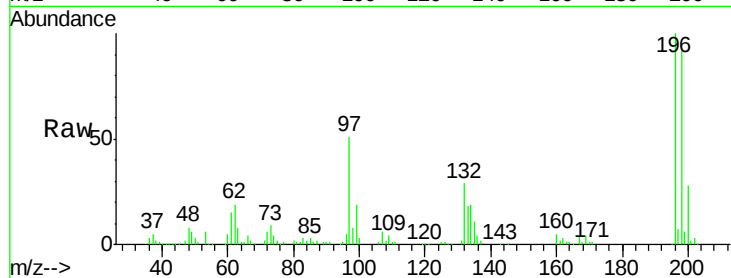
#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		129061		
198	92.5	76.0	114.0		
97	50.8	39.4	59.2		
132	29.3	23.6	35.4		

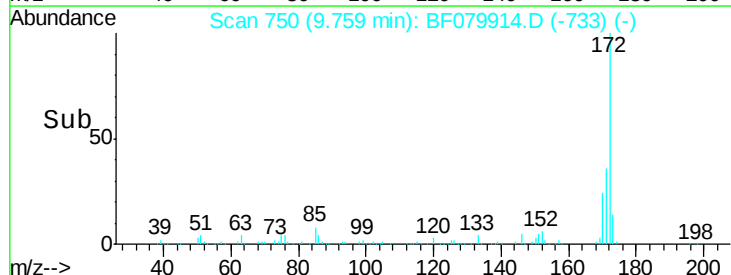
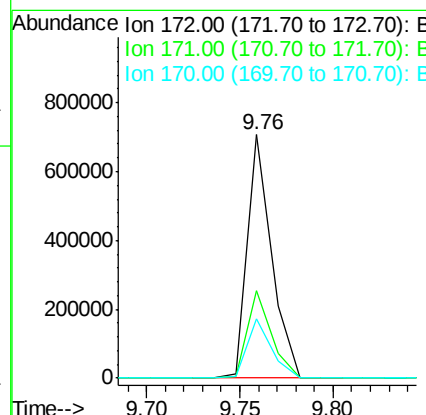
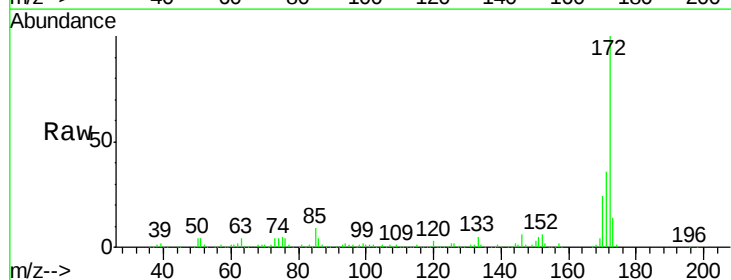
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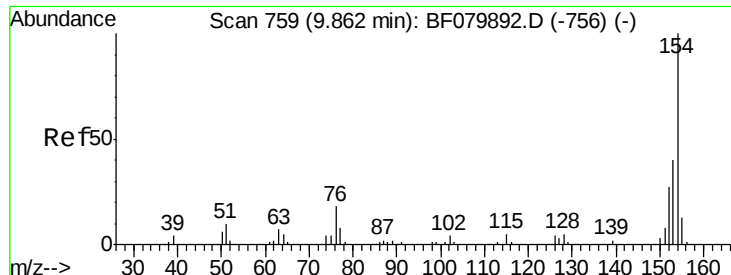
apatel
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#44
 2-Fluorobiphenyl
 Concen: 68.41 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		639287		
171	36.0	28.3	42.5		
170	24.3	19.0	28.4		





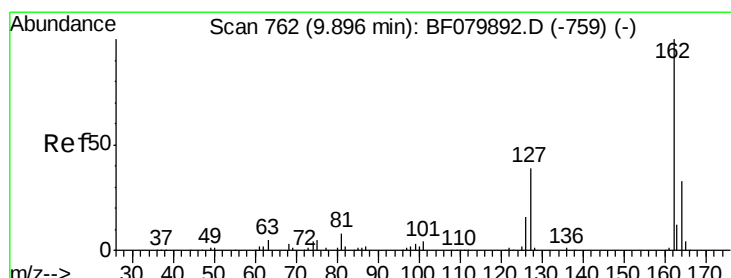
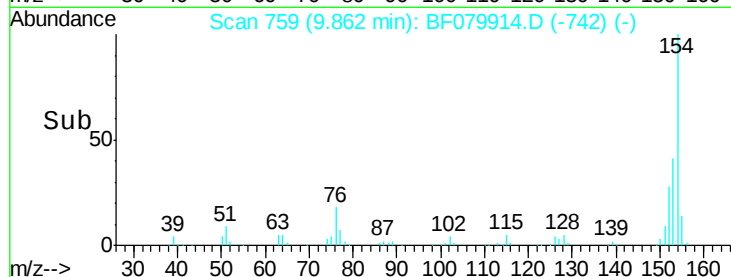
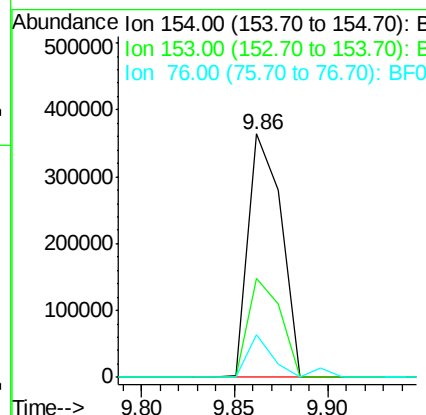
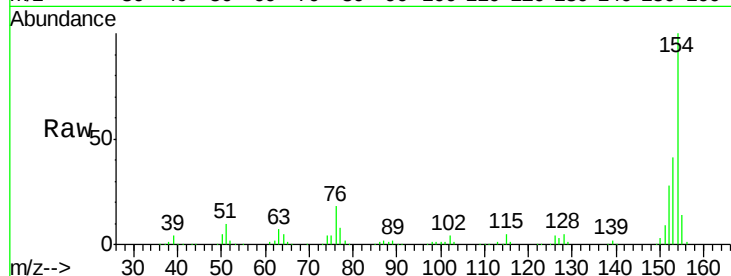
#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleID :
 FM1BMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.1	60.1
76	17.6	0.0	38.4

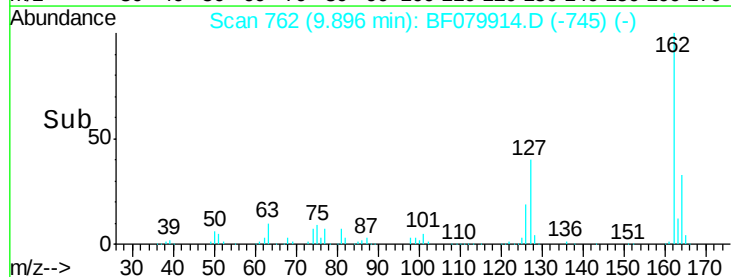
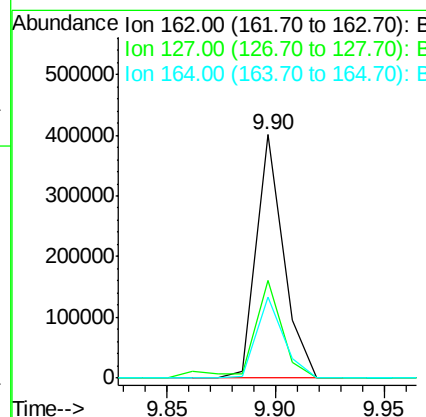
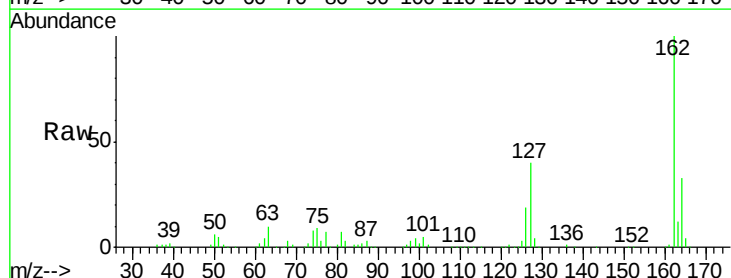
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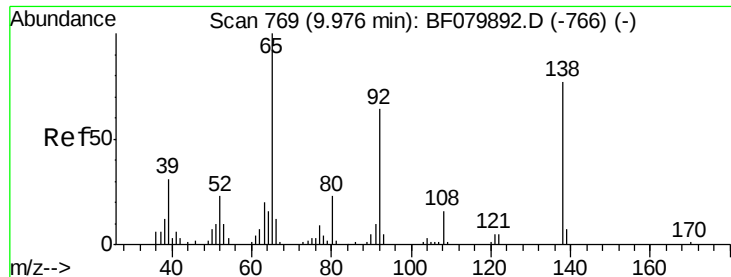
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#46
 2-Chloronaphthalene
 Concen: 38.68 ng
 RT: 9.90 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.1	49.7
164	33.4	26.2	39.4





#47

2-Nitroaniline

Concen: 41.71 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

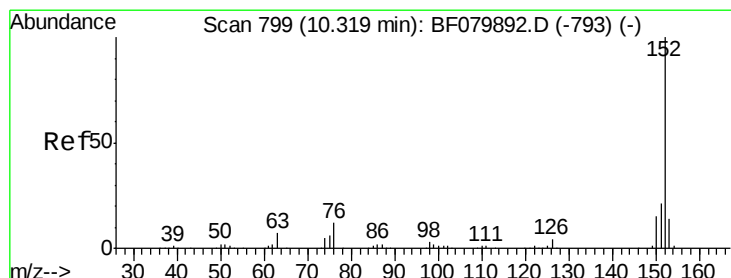
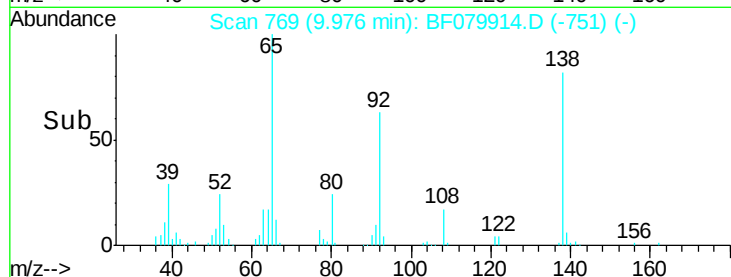
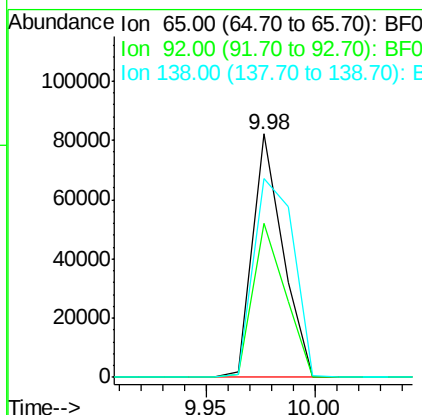
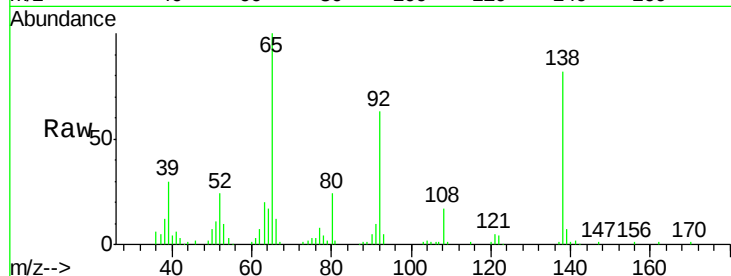
ClientSampled :

FM1BMSD

Tot Ion:	65	Resp:	79575
Ion Ratio	Lower	Upper	
65	100		
92	63.3	51.1	76.7
138	81.8	62.0	93.0

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#48

Acenaphthylene

Concen: 41.44 ng

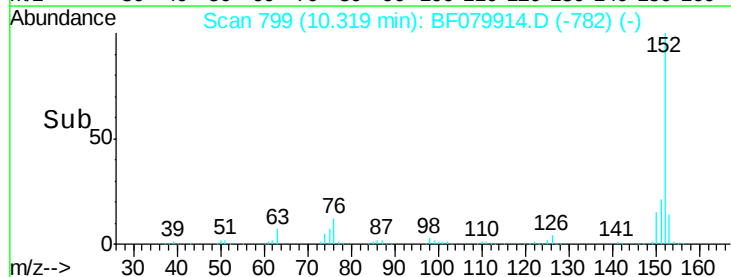
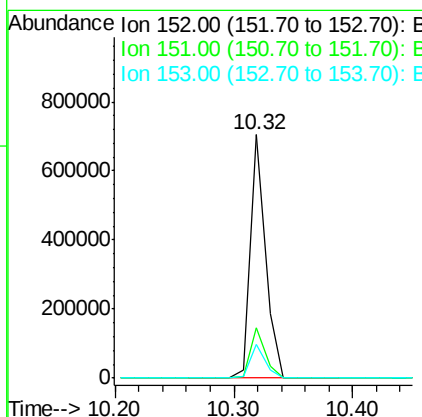
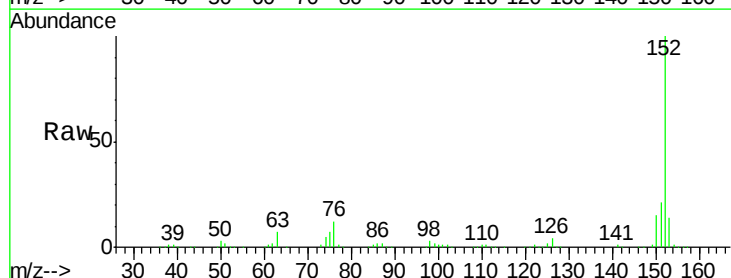
RT: 10.32 min Scan# 799

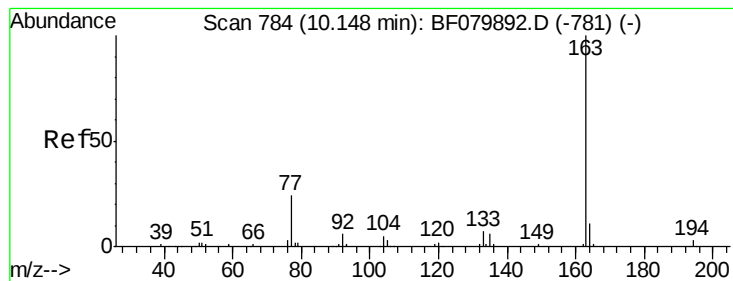
Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	152	Resp:	630798
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.9	10.8	16.2





#49

Dimethylphthalate

Concen: 43.07 ng

RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

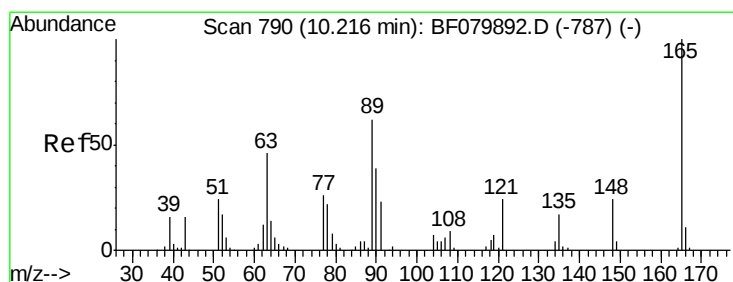
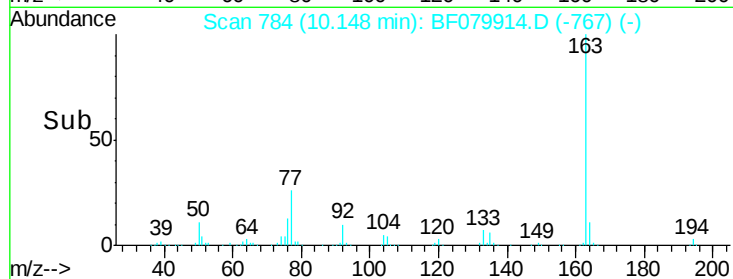
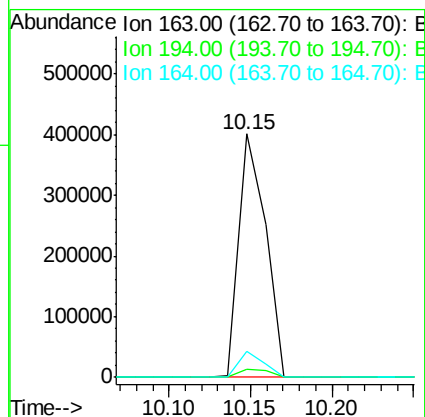
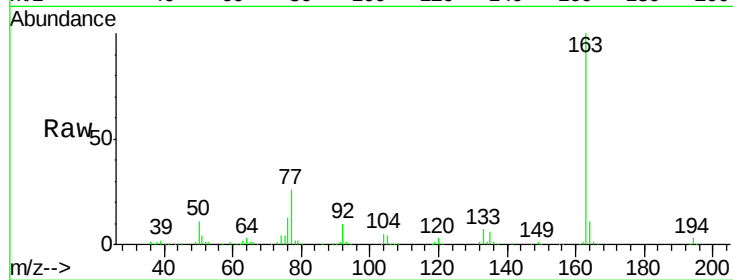
ClientSampled :

FM1BMSD

Tot Ion:	163	Resp:	451577
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.8	8.6	12.8

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#50

2,6-Dinitrotoluene

Concen: 43.26 ng

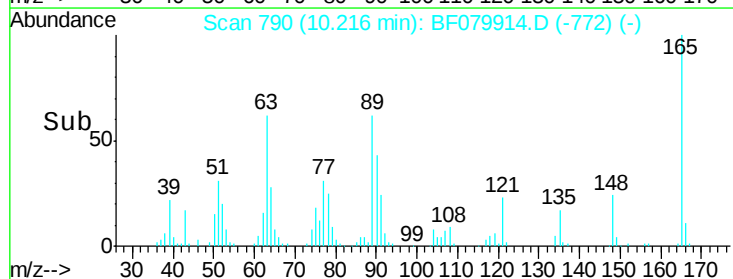
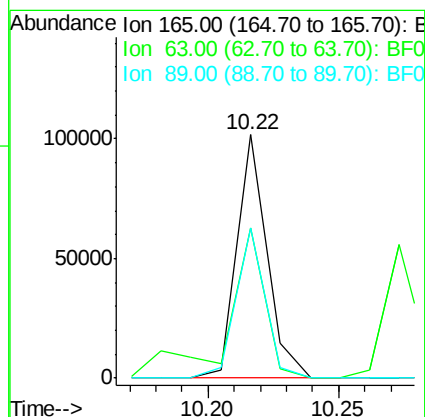
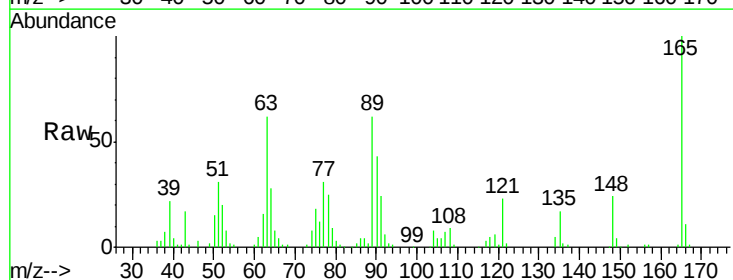
RT: 10.22 min Scan# 790

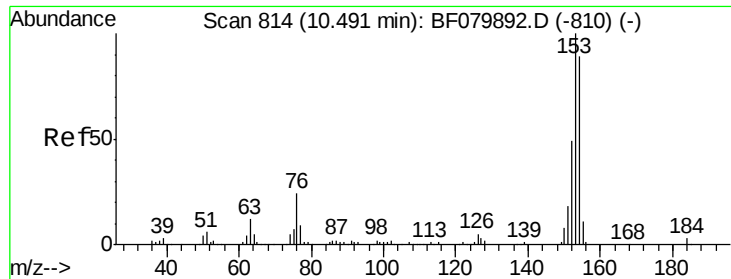
Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	165	Resp:	82264
Ion Ratio	Lower	Upper	
165	100		
63	61.9	46.4	69.6
89	61.9	49.6	74.4





#51

Acenaphthene

Concen: 42.57 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

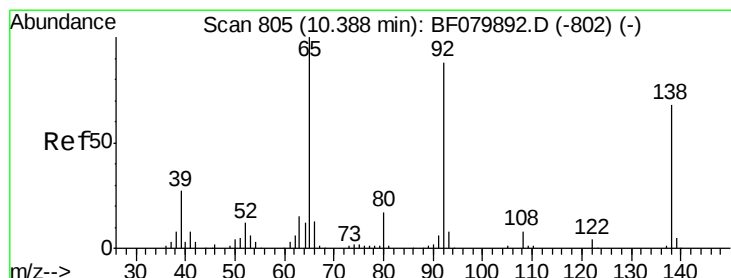
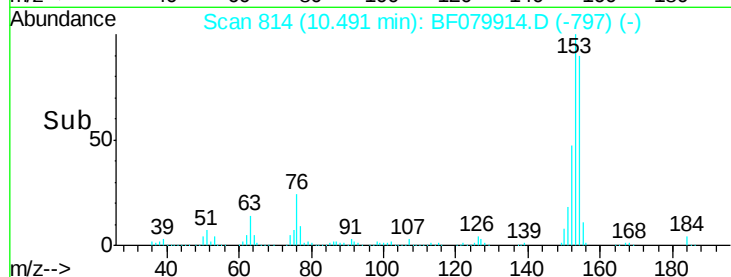
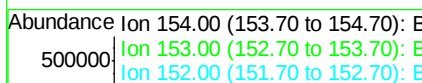
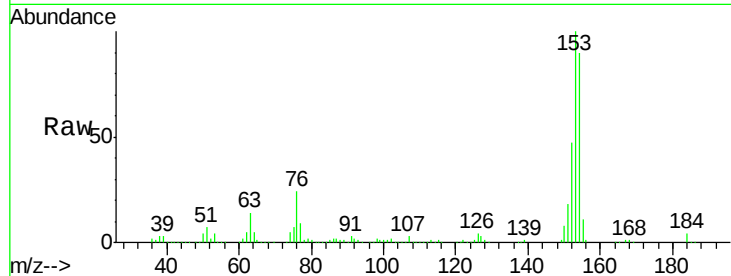
ClientSampleId :

FM1BMSD

Tot Ion:	154	Resp:	368277
Ion Ratio	Lower	Upper	
154	100		
153	110.7	90.0	135.0
152	52.5	43.7	65.5

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#52

3-Nitroaniline

Concen: 25.99 ng

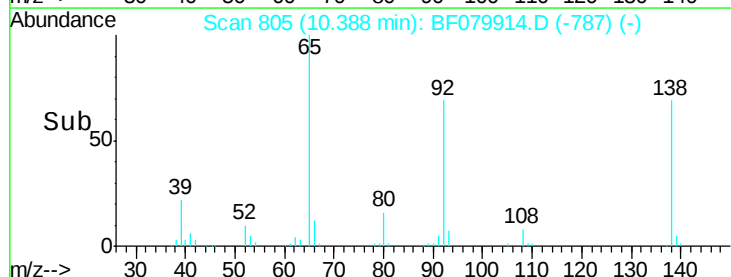
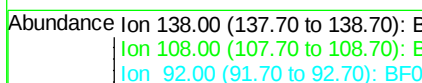
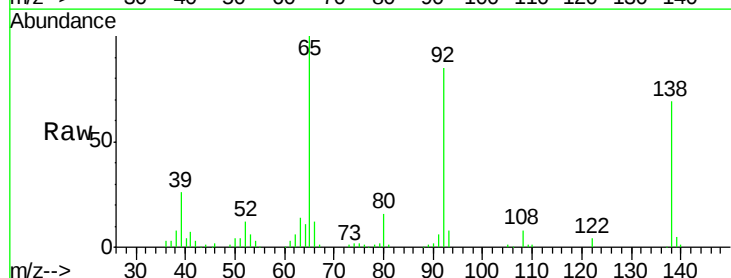
RT: 10.39 min Scan# 805

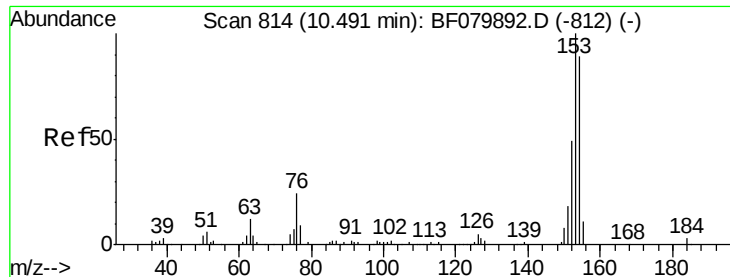
Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	138	Resp:	57260
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.0	13.6
92	122.4	103.1	154.7





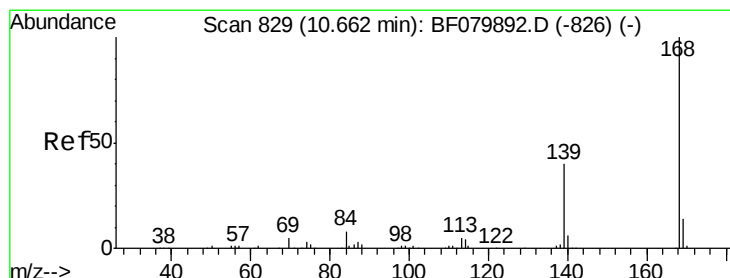
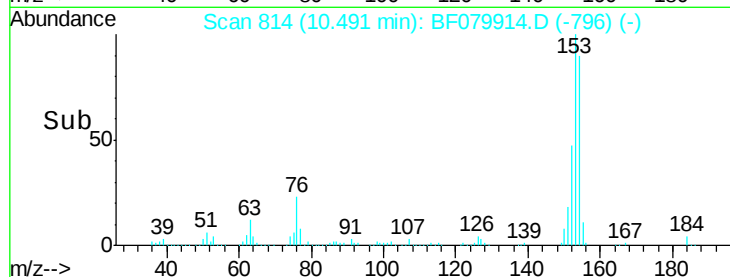
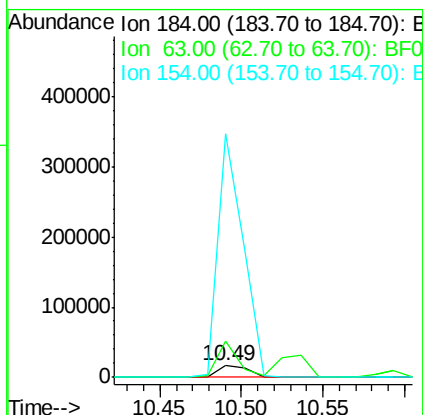
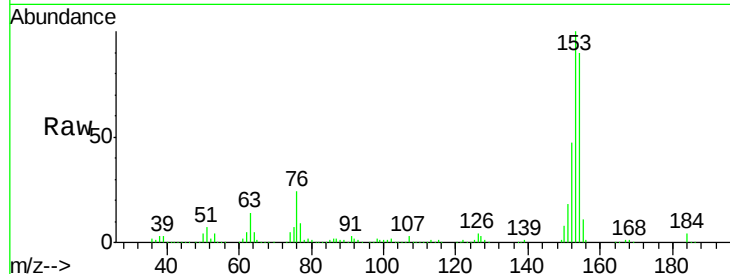
#53
2,4-Dinitrophenol
Concen: 65.09 ng
RT: 10.49 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion:184 Resp: 21970
Ion Ratio Lower Upper
184 100
63 321.7 357.0 535.4#
154 2126.9 2660.2 3990

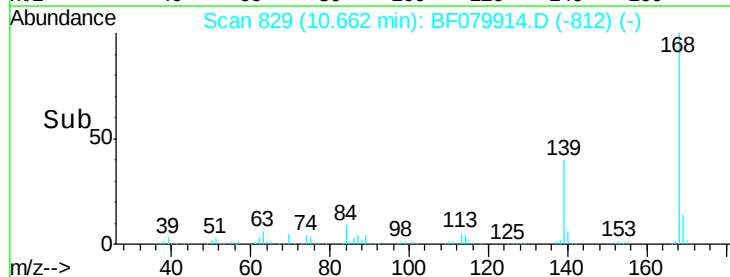
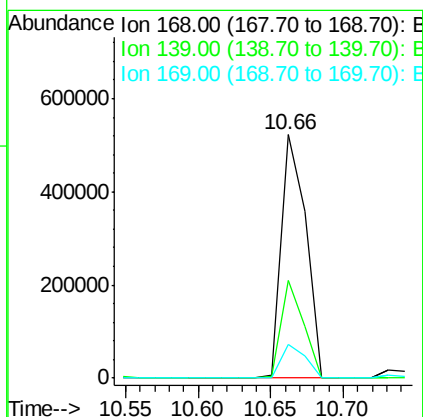
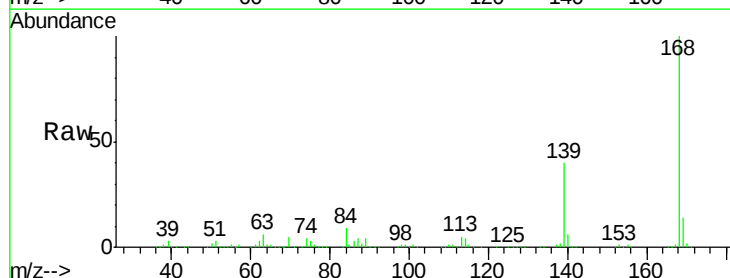
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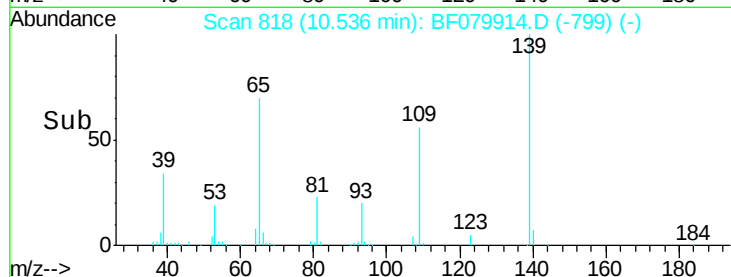
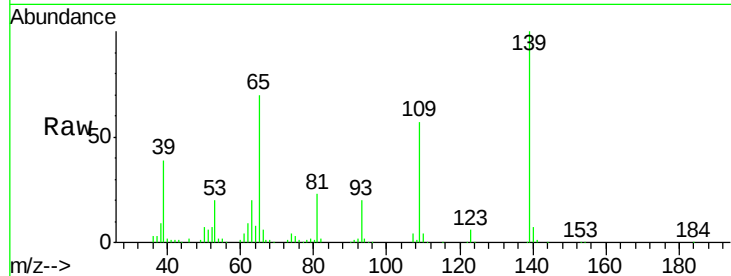
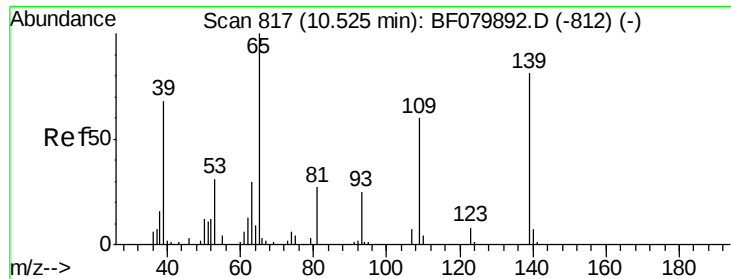
apatel
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#54
Dibenzofuran
Concen: 48.30 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion:168 Resp: 610525
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.2
169 13.8 11.0 16.6





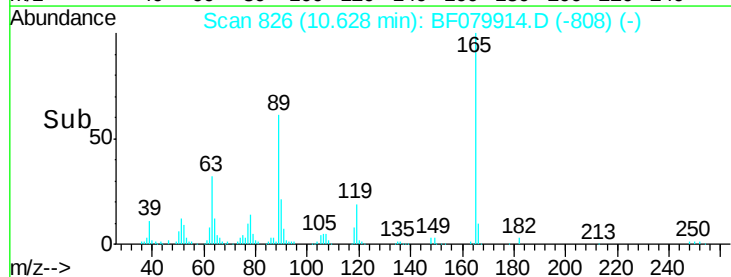
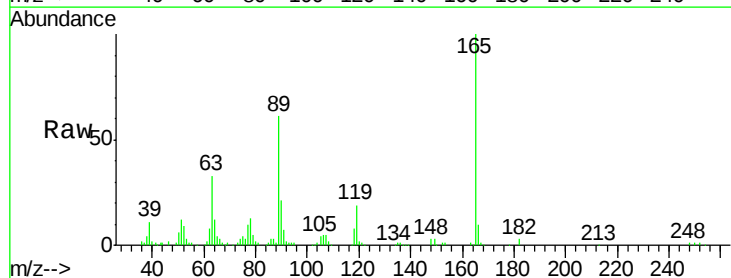
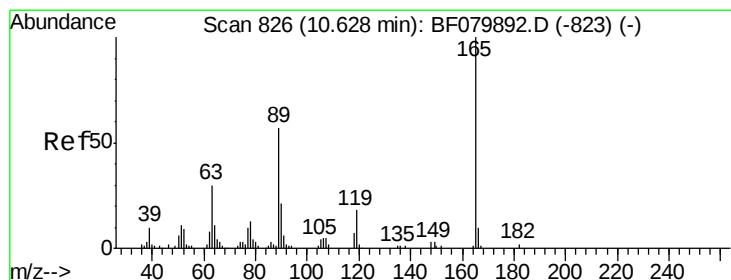
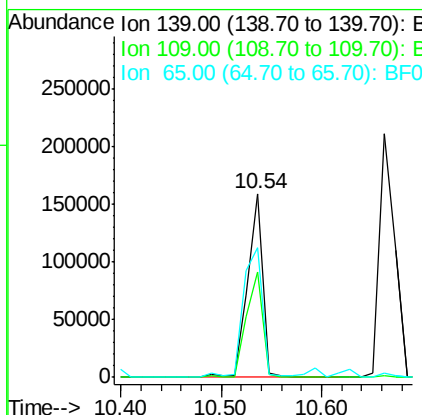
#55
4-Nitrophenol
Concen: 99.08 ng
RT: 10.54 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tot Ion	Ratio	Resp	Lower	Upper
139	100	166850		
109	57.4	54.8	94.8	
65	70.4	104.8	144.8	

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

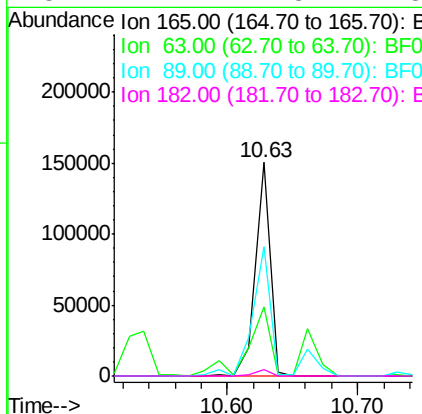
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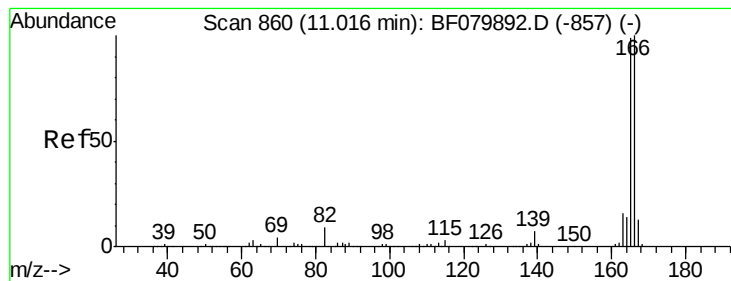
apatel
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#56
2,4-Dinitrotoluene
Concen: 47.40 ng
RT: 10.63 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	120190		
63	32.6	24.3	36.5	
89	60.7	45.4	68.2	
182	2.7	1.8	2.8	





#57

Fluorene

Concen: 50.27 ng

RT: 11.02 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

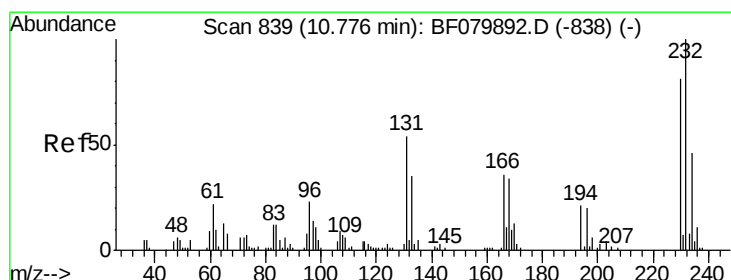
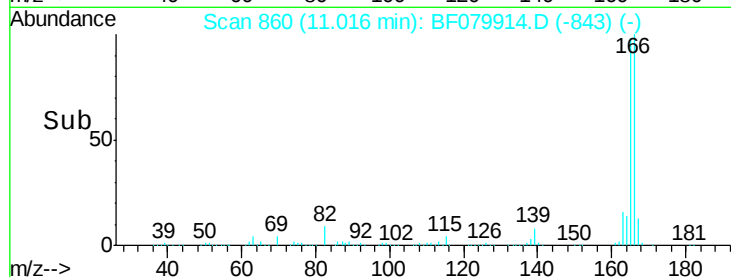
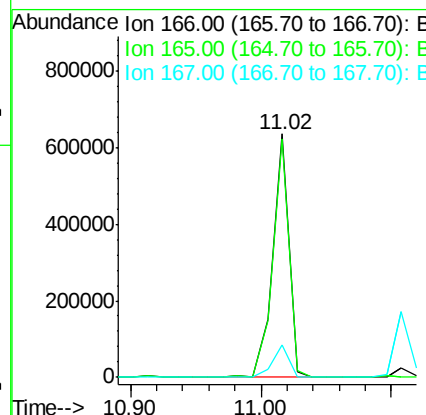
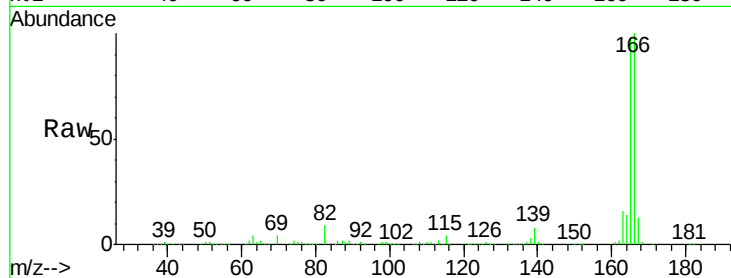
ClientSampleId :

FM1BMSD

Tot Ion:	166	Resp:	553846
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.0	118.6
167	13.3	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.21 ng

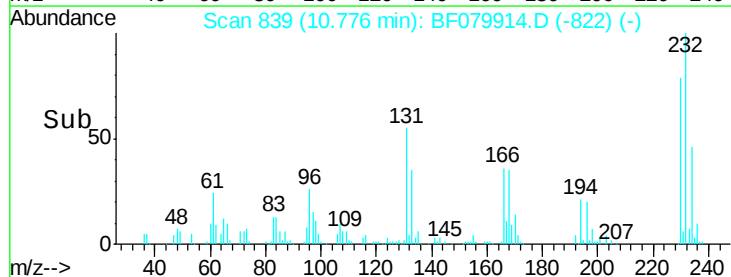
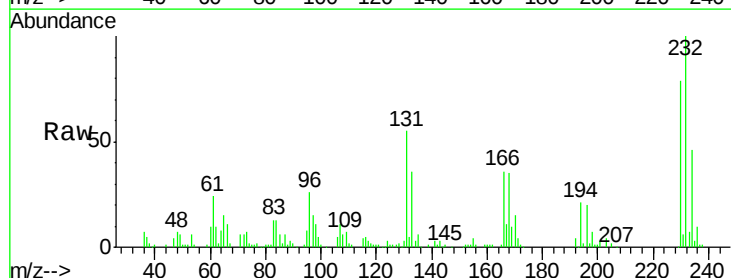
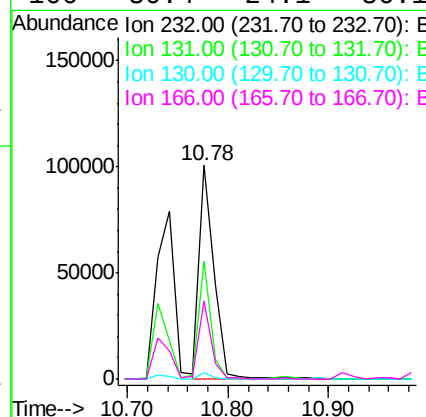
RT: 10.78 min Scan# 839

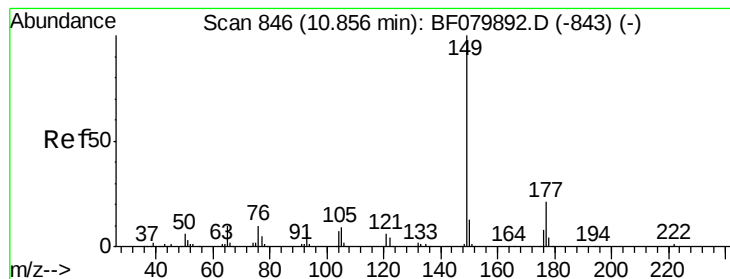
Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	232	Resp:	104392
Ion Ratio	Lower	Upper	
232	100		
131	44.8	35.4	53.2
130	2.2	1.5	2.3
166	30.4	24.1	36.1





#59

Diethylphthalate

Concen: 39.66 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

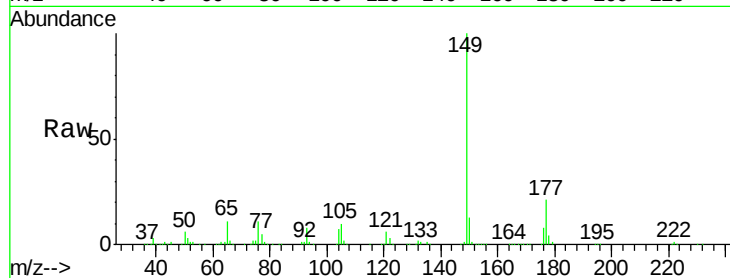
ClientSampleId :

FM1BMSD

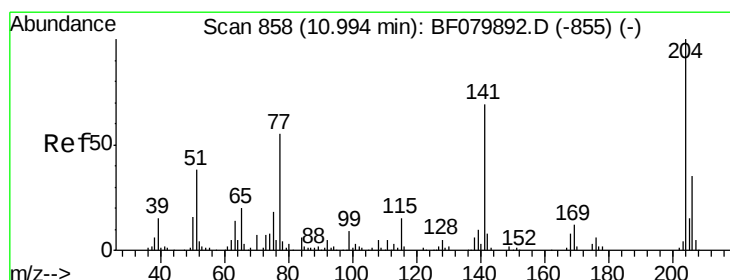
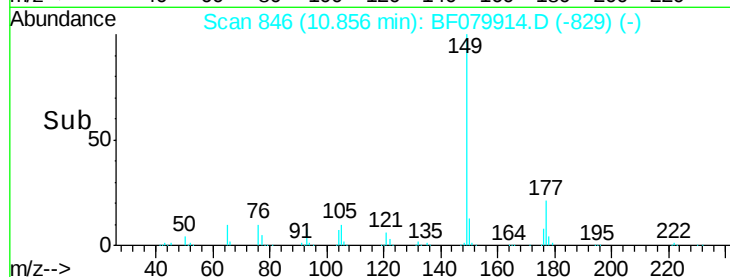
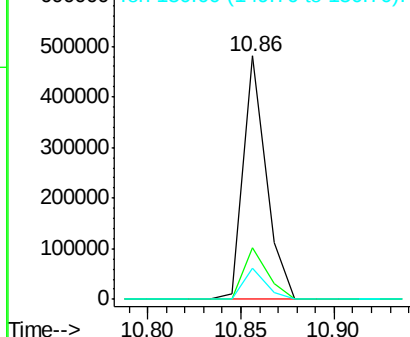
Tot Ion:	149	Resp:	415723
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.9	25.3
150	13.0	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.48 ng

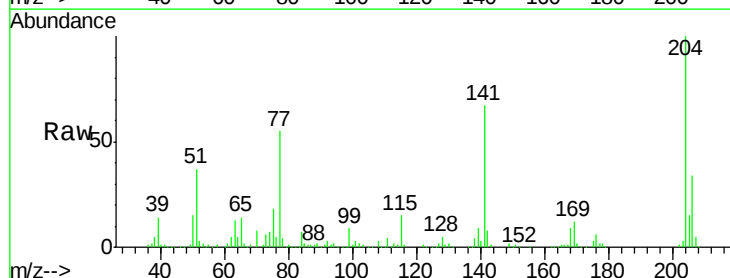
RT: 10.99 min Scan# 858

Delta R.T. -0.00 min

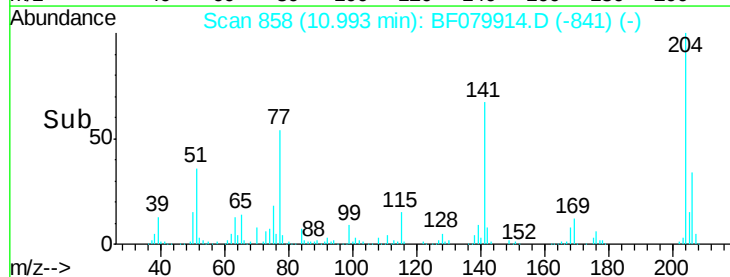
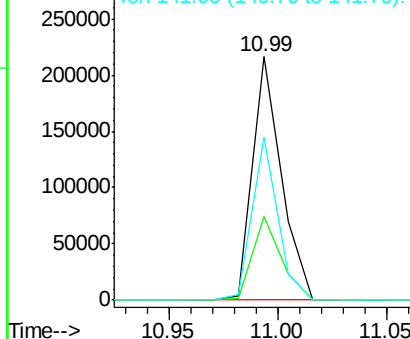
Lab File: BF079914.D

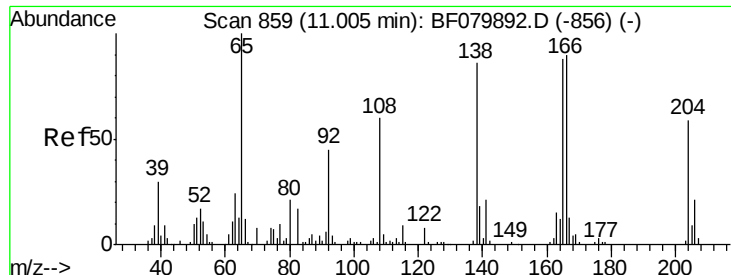
Acq: 12 Jun 2015 1:56

Tgt Ion:	204	Resp:	199146
Ion Ratio	Lower	Upper	
204	100		
206	34.4	28.0	42.0
141	67.1	55.3	82.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.67 ng

RT: 11.00 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

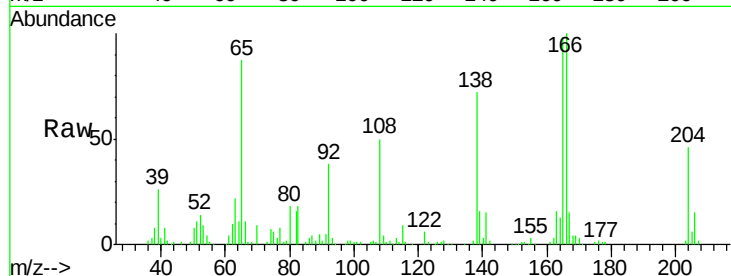
ClientSampleId :

FM1BMSD

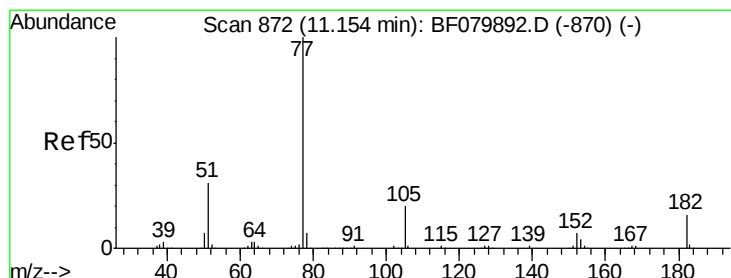
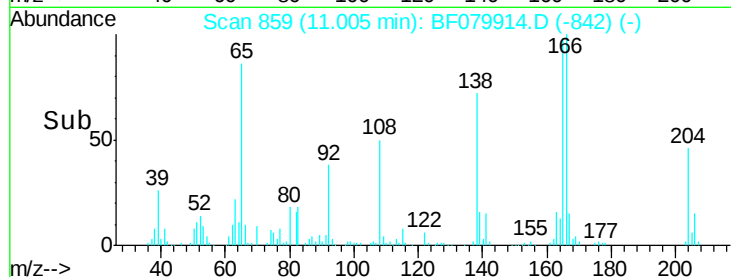
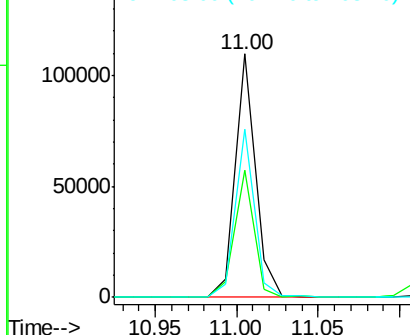
Tot Ion:	138	Resp:	92876
Ion Ratio	Lower	Upper	
138	100		
92	52.3	32.9	72.9
108	69.1	50.4	90.4

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.75 ng

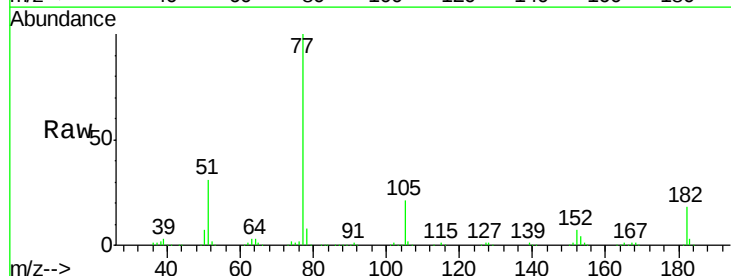
RT: 11.15 min Scan# 872

Delta R.T. -0.00 min

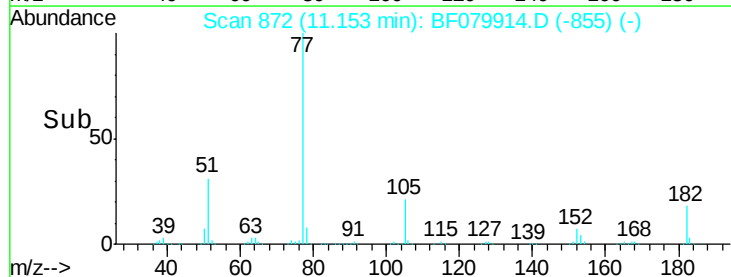
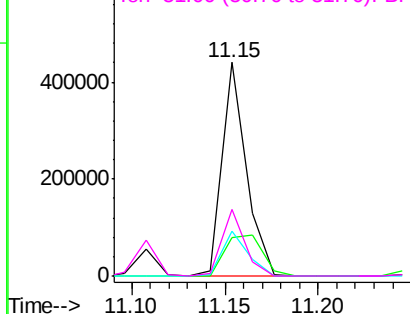
Lab File: BF079914.D

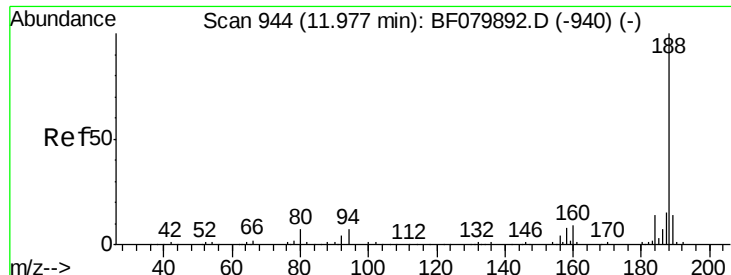
Acq: 12 Jun 2015 1:56

Tgt Ion:	77	Resp:	400928
Ion Ratio	Lower	Upper	
77	100		
182	18.0	0.0	35.9
105	21.1	0.1	40.1
51	31.2	11.5	51.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.96 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tot Ion:188 Resp: 291170

Ion Ratio Lower Upper

188 100

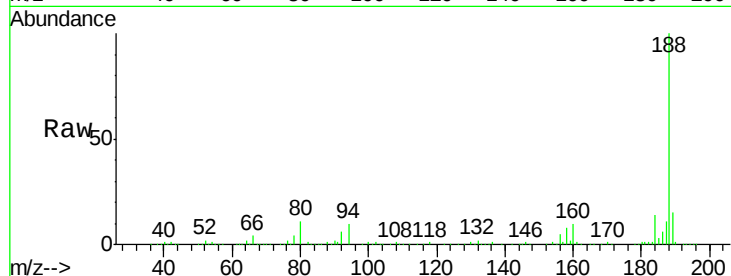
94 10.0 5.8 8.8#

80 10.8 5.9 8.9#

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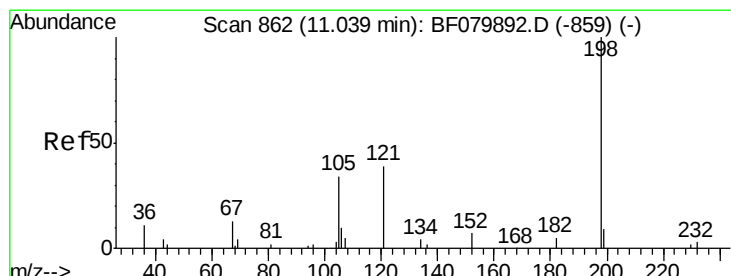
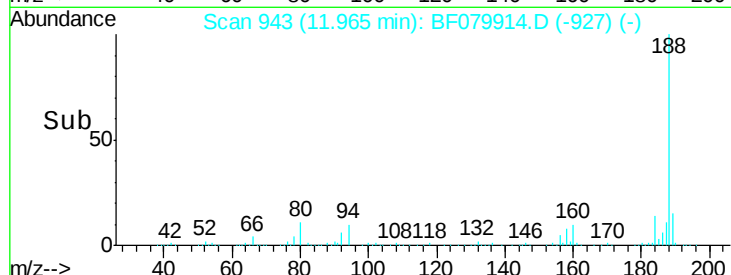
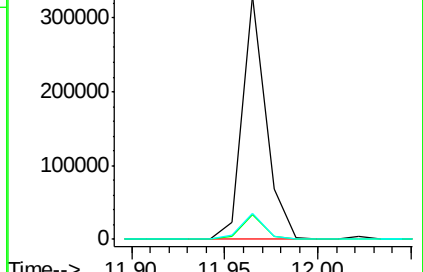
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.01 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

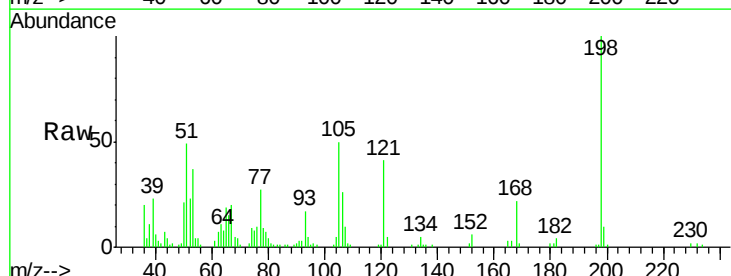
Tgt Ion:198 Resp: 30779

Ion Ratio Lower Upper

198 100

51 49.1 22.1 62.1

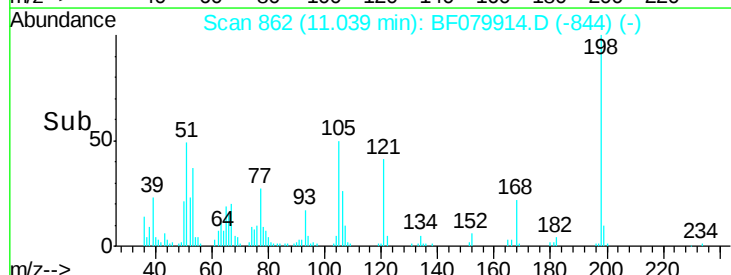
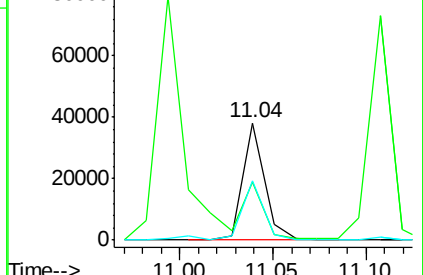
105 50.1 22.7 62.7

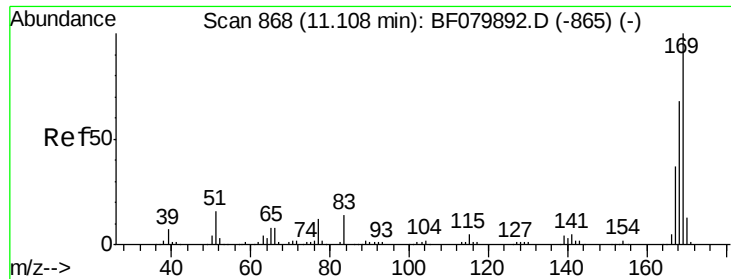


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





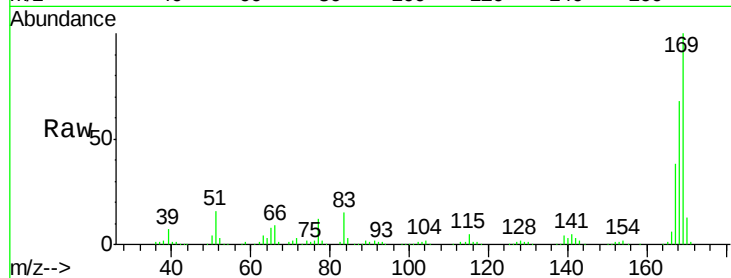
#65
 n-Nitrosodiphenylamine
 Concen: 39.85 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	54.2	81.4	
167	37.9	29.7	44.5	

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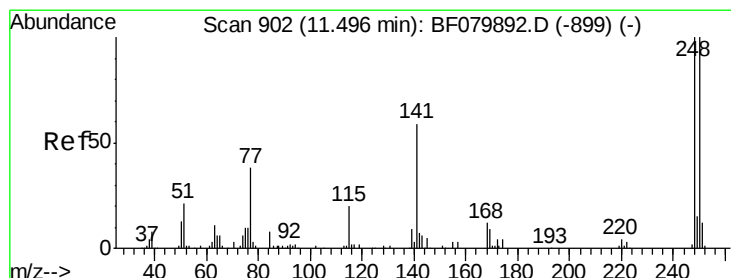
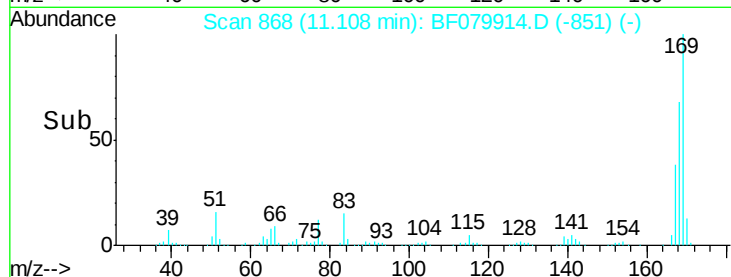
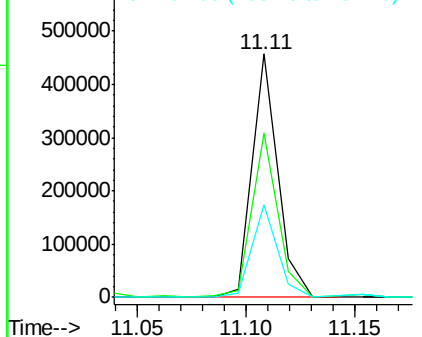


Abundance

Ion 169.00 (168.70 to 169.70): E

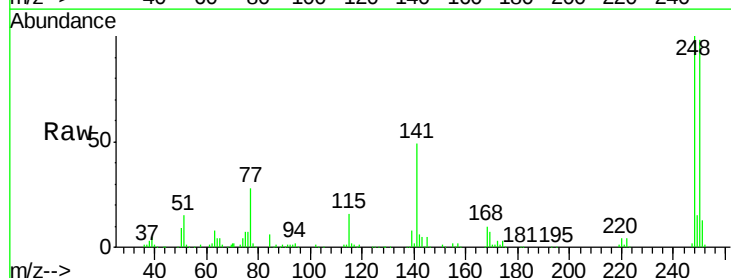
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 41.27 ng
 RT: 11.50 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	80.2	120.2	
141	48.5	46.9	70.3	

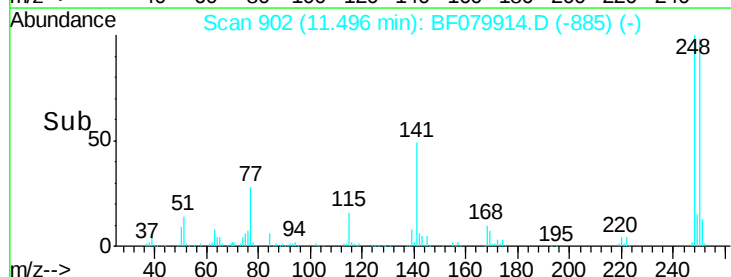
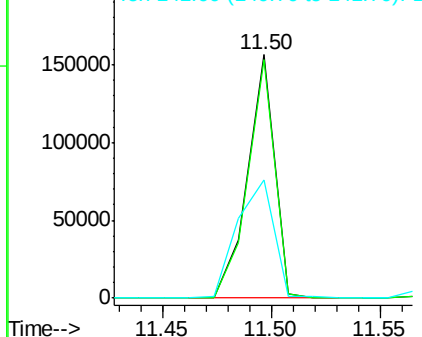


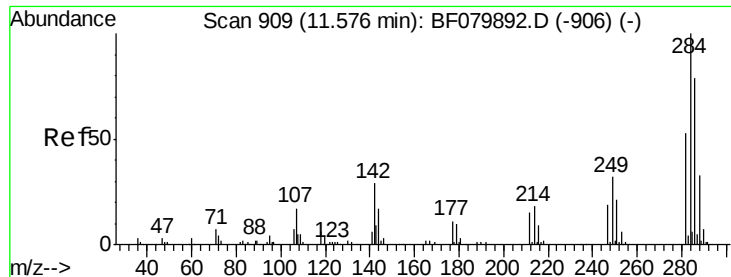
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.38 ng

RT: 11.58 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

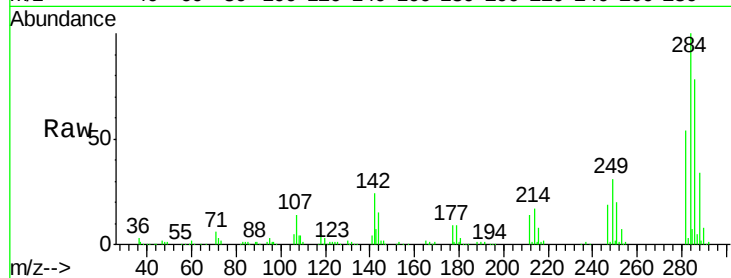
ClientSampleId :

FM1BMSD

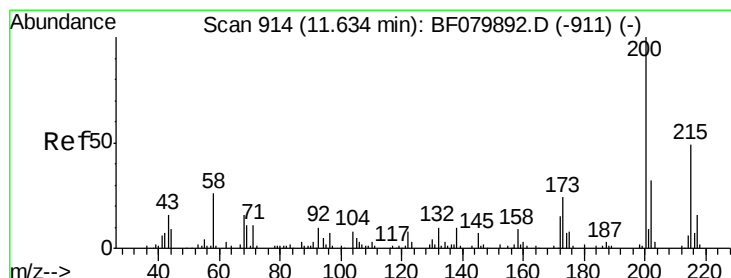
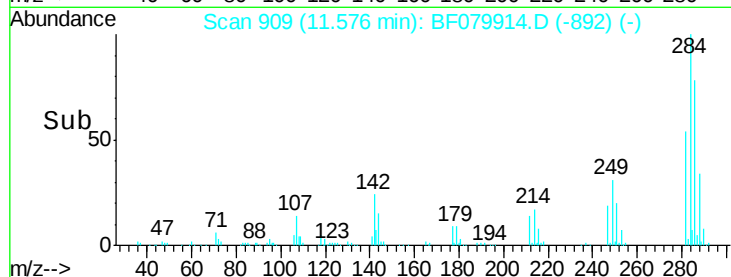
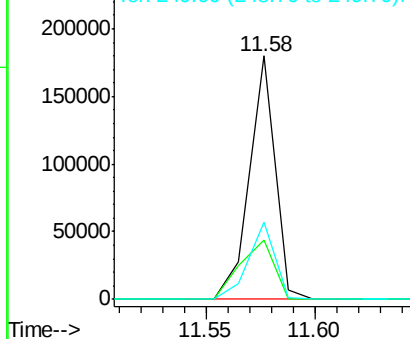
Tot Ion:	284	Resp:	147302
Ion Ratio	Lower	Upper	
284	100		
142	24.2	23.5	35.3
249	31.5	25.3	37.9

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.29 ng

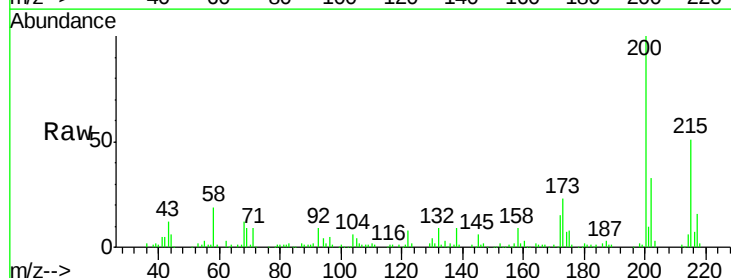
RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

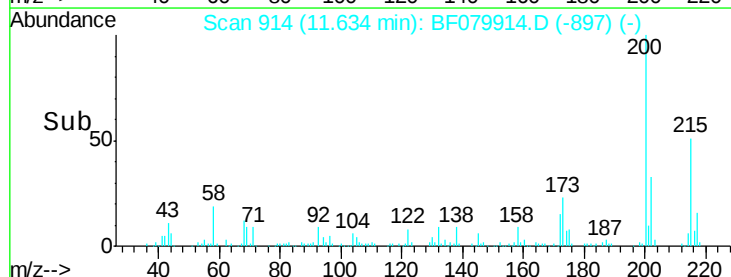
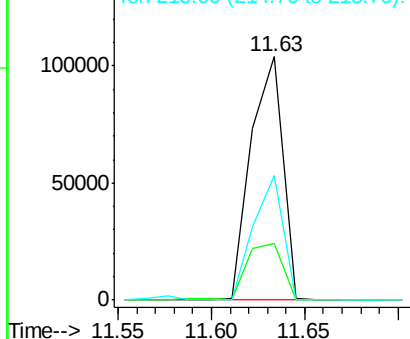
Lab File: BF079914.D

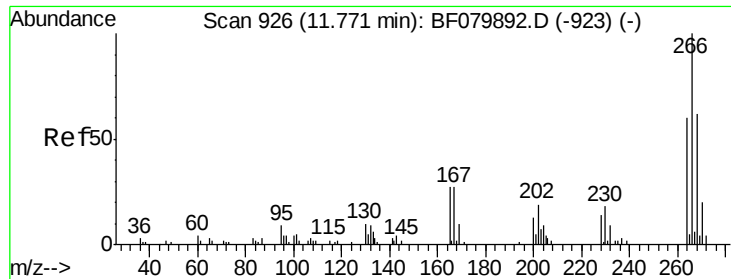
Acq: 12 Jun 2015 1:56

Tgt Ion:	200	Resp:	122332
Ion Ratio	Lower	Upper	
200	100		
173	23.3	4.1	44.1
215	51.0	29.2	69.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





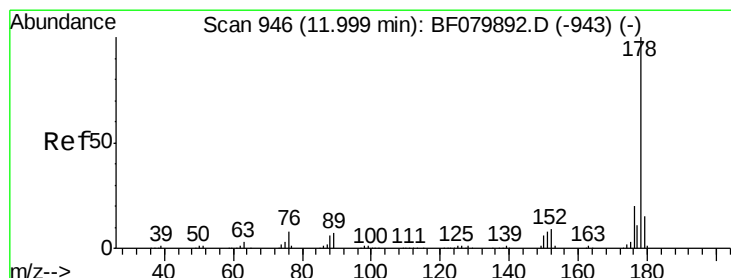
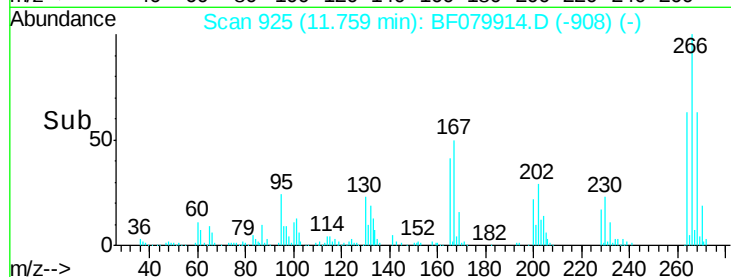
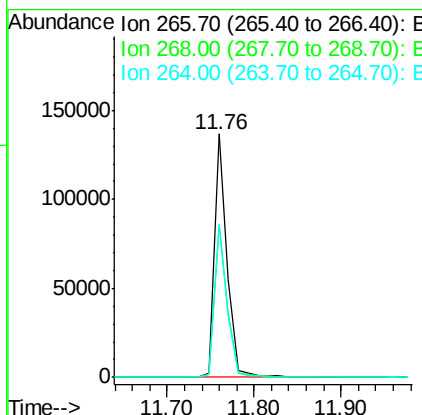
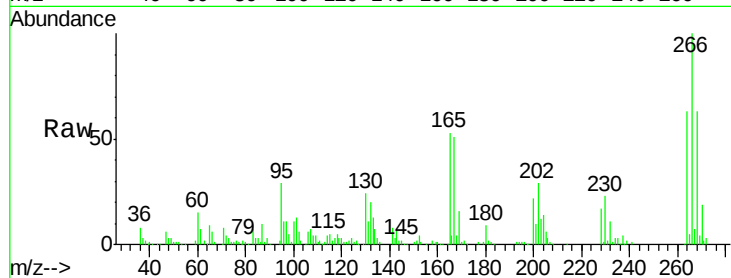
#69
 Pentachlorophenol
 Concen: 83.62 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	140209		
268	62.5	49.4	74.2	
264	62.8	47.7	71.5	

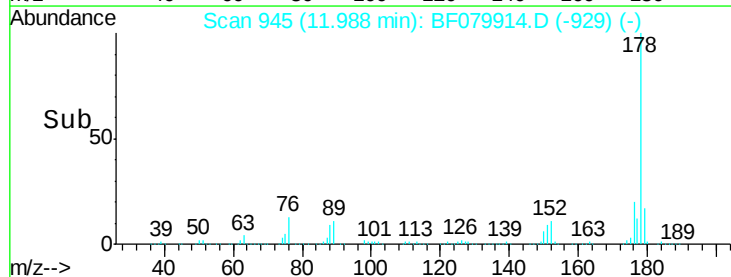
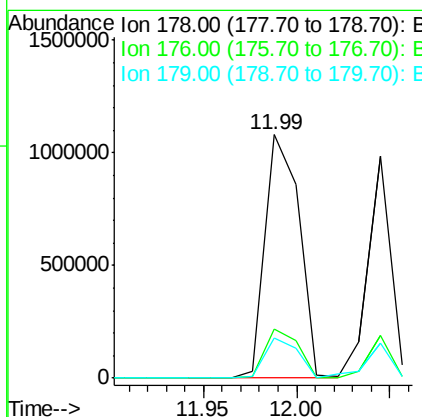
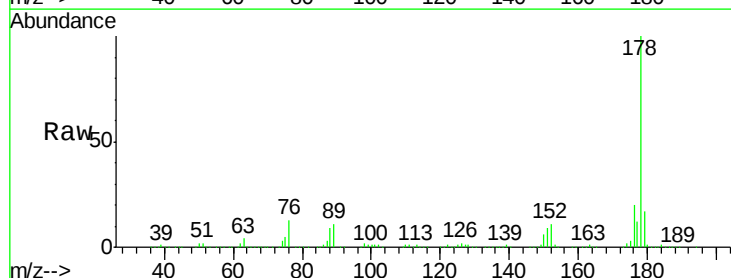
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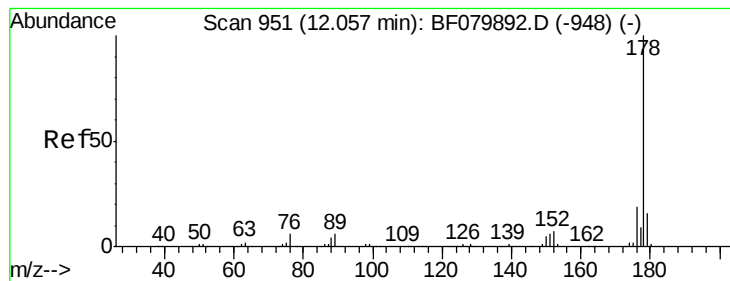
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#70
 Phenanthrene
 Concen: 78.91 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1369273		
176	20.4	15.9	23.9	
179	16.6	12.3	18.5	





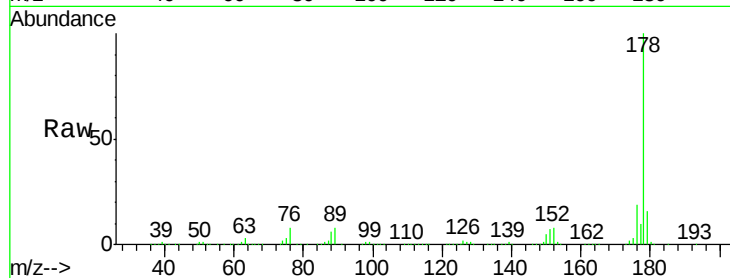
#71
 Anthracene
 Concen: 49.76 ng
 RT: 12.04 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	16.0	12.5	18.7

Manual Integrations
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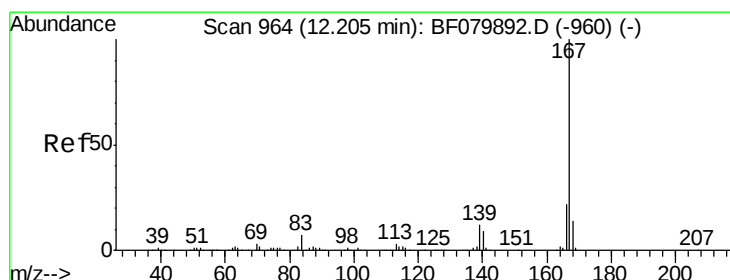
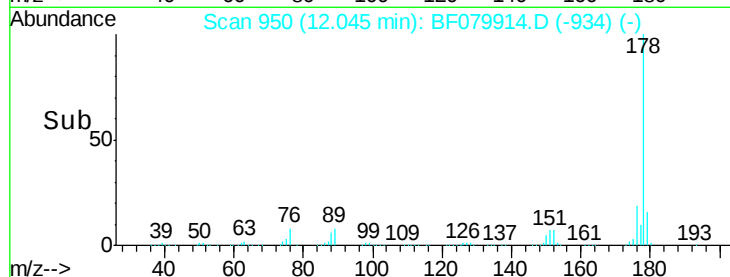
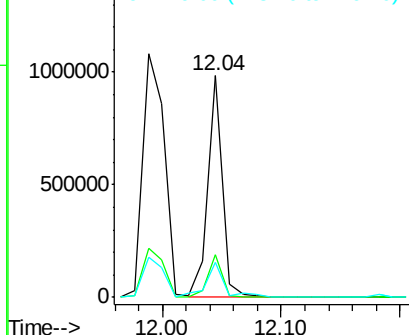


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 45.83 ng
 RT: 12.19 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

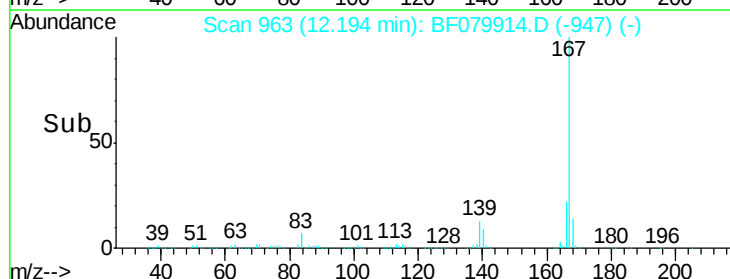
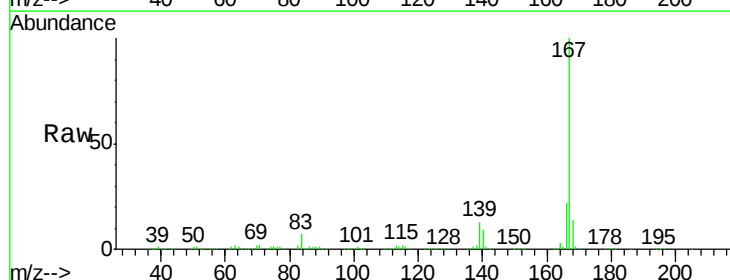
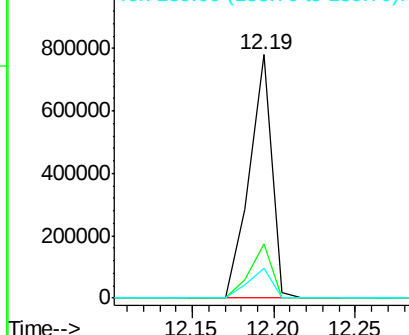
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	12.5	9.5	14.3

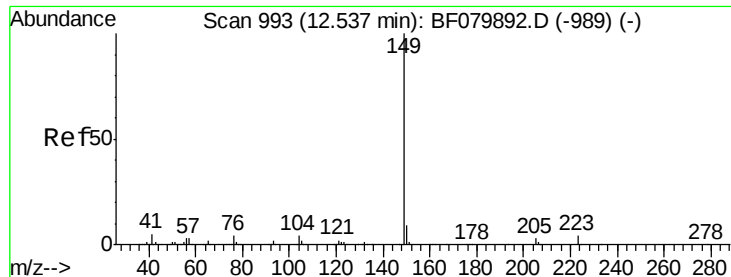
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.79 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

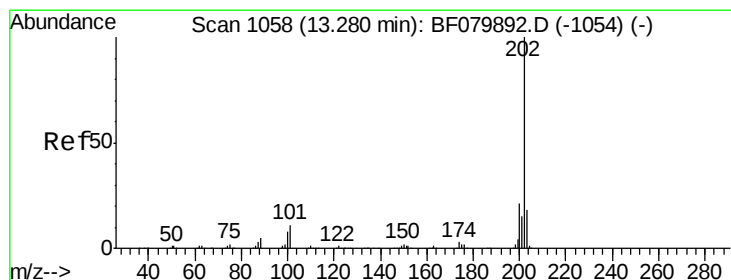
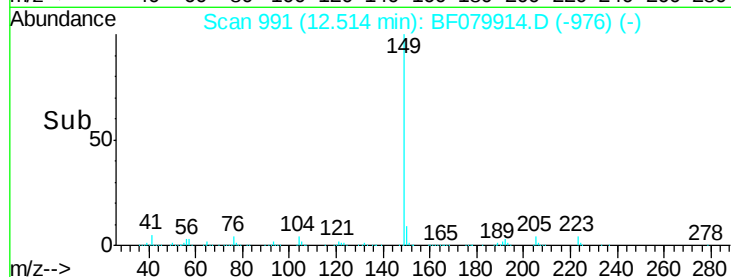
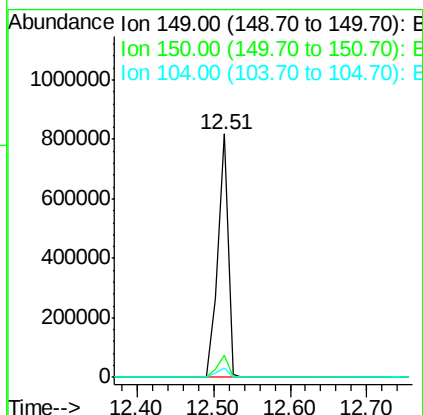
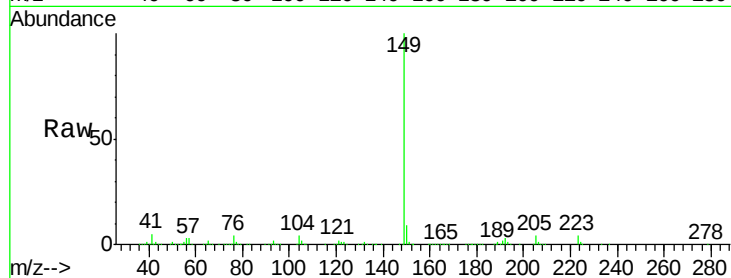
ClientSampled :

FM1BMSD

Tot Ion:	149	Resp:	759281
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.2	10.8
104	4.0	3.3	4.9

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#74

Fluoranthene

Concen: 71.36 ng

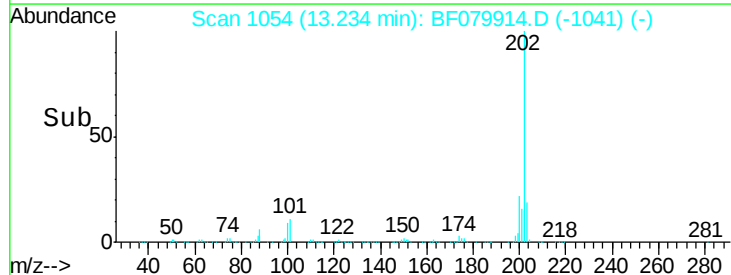
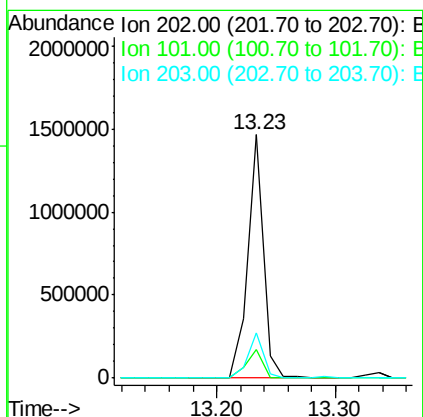
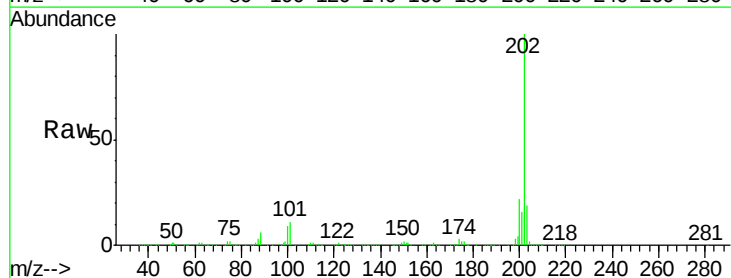
RT: 13.23 min Scan# 1054

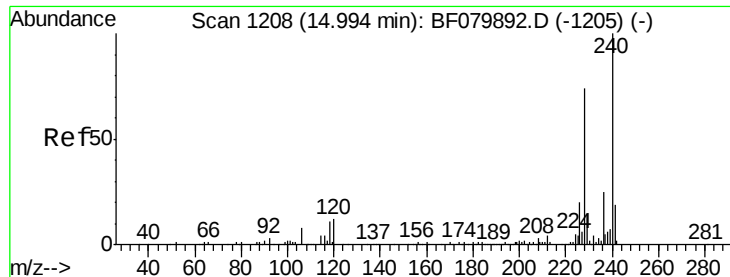
Delta R.T. -0.05 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion:	202	Resp:	1369033
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.7
203	18.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.13 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

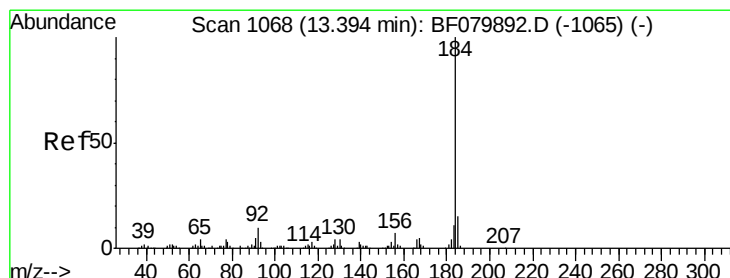
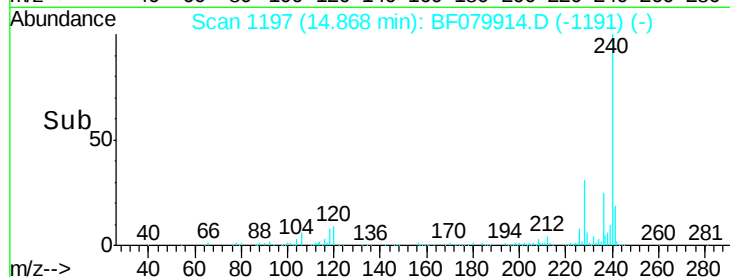
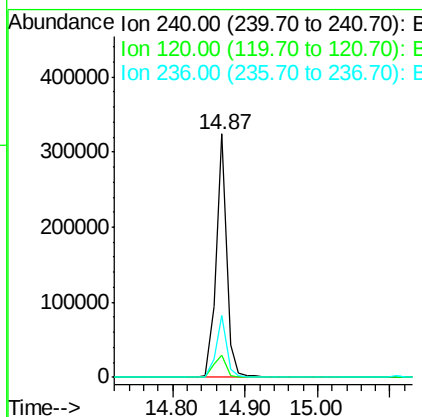
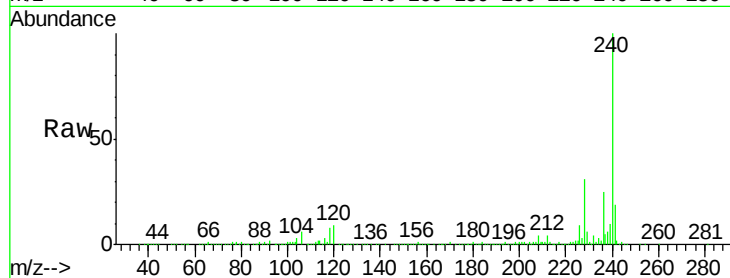
ClientSampleId :

FM1BMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.4	14.2#
236	25.4	19.6	29.4

Manual Integrations
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#76

Benzidine

Concen: 38.78 ng

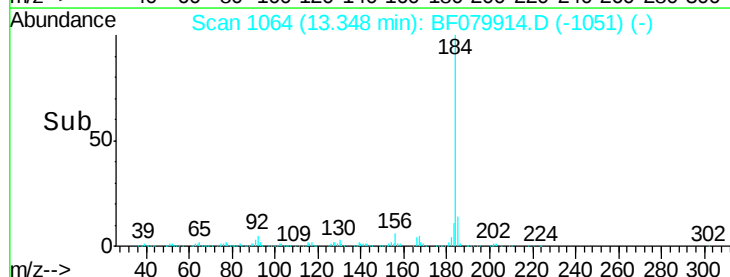
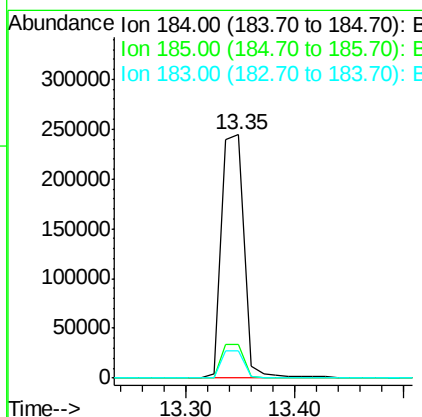
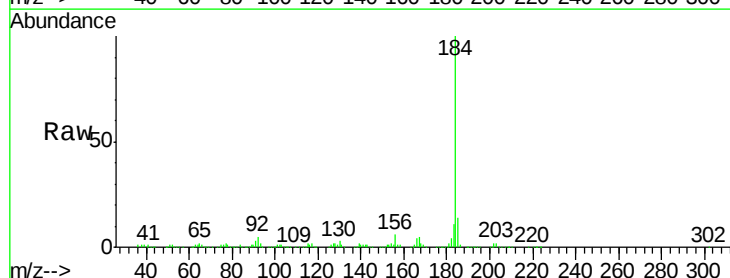
RT: 13.35 min Scan# 1064

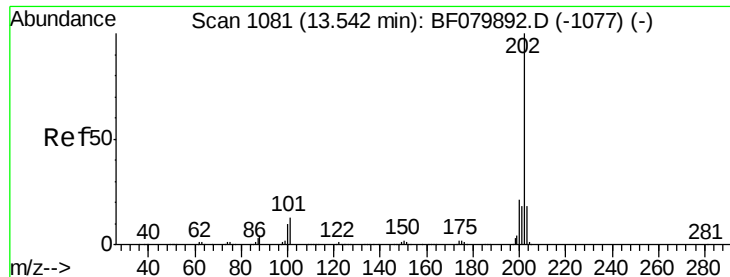
Delta R.T. -0.05 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.6
183	11.4	9.0	13.6





#77

Pvrene

Concen: 62.22 ng

RT: 13.49 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

ClientSampleId :

FM1BMSD

Tot Ion:202 Resp: 1284676

Ion Ratio Lower Upper

202 100

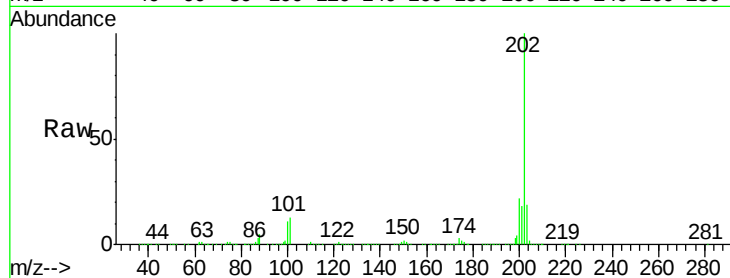
200 22.5 16.8 25.2

203 18.6 14.4 21.6

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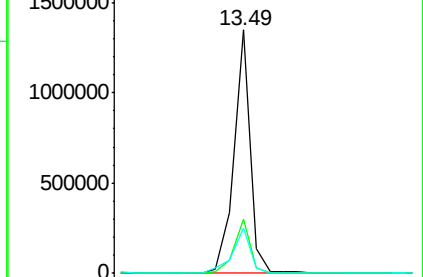
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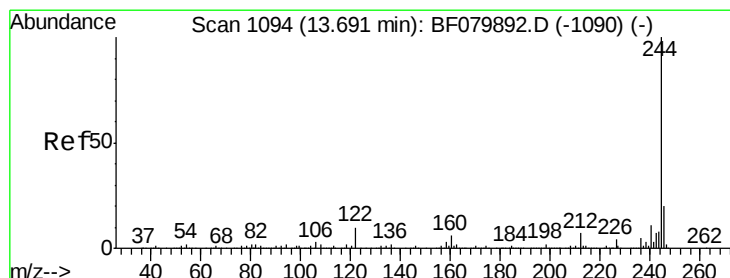
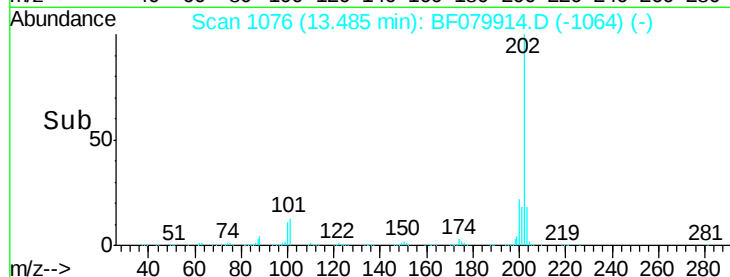
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 63.58 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

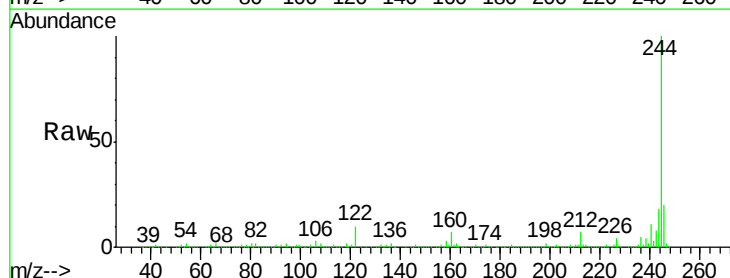
Tgt Ion:244 Resp: 906567

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

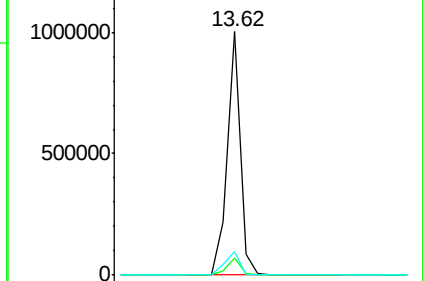
122 9.8 7.8 11.8



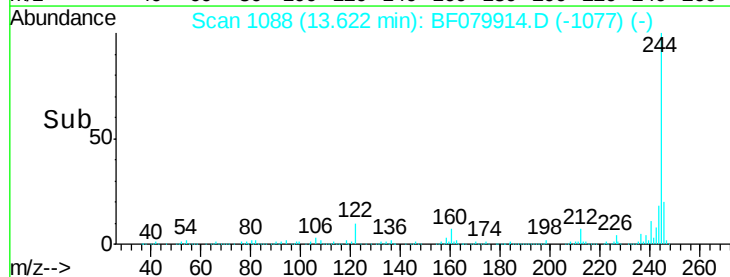
Abundance Ion 244.00 (243.70 to 244.70): E

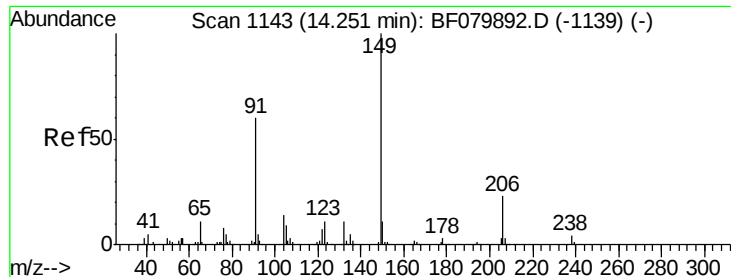
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





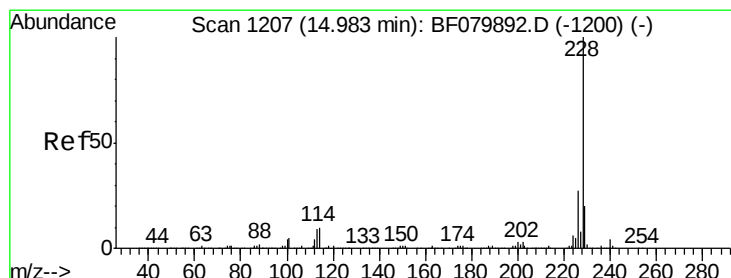
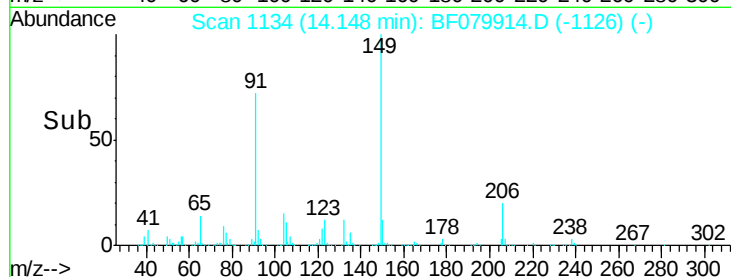
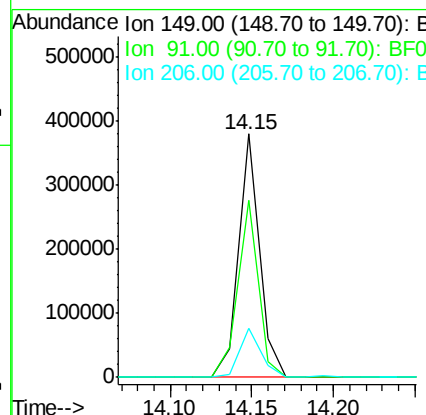
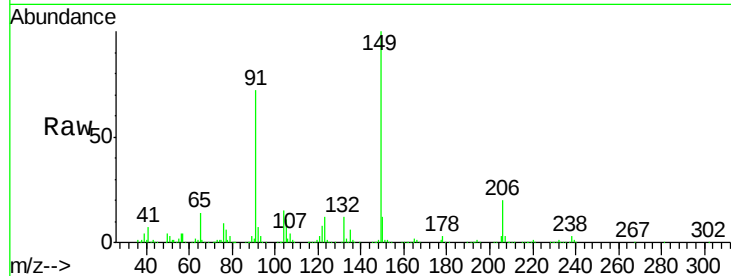
#79
Butylbenzylphthalate
Concen: 48.04 ng
RT: 14.15 min Scan# 1134
Delta R.T. -0.10 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	334970		
91	72.5	48.1	72.1#	
206	20.1	18.6	27.8	

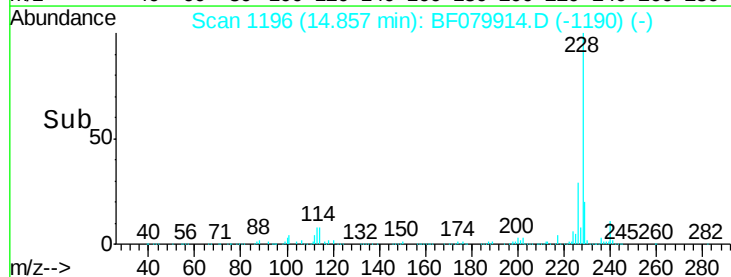
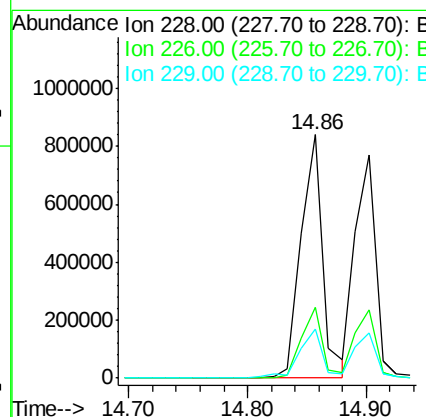
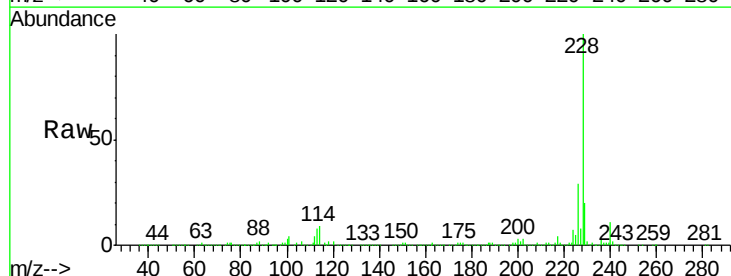
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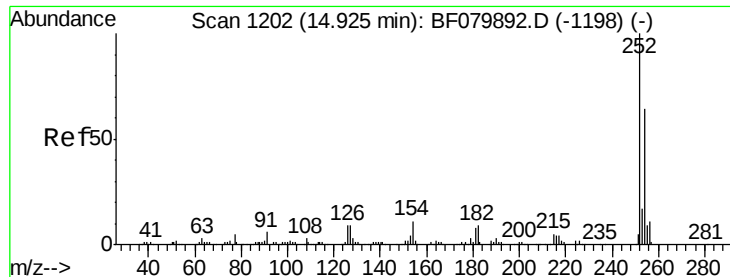
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#80
Benzo(a)anthracene
Concen: 50.71 ng
RT: 14.86 min Scan# 1196
Delta R.T. -0.13 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1058515		
226	29.0	21.8	32.8	
229	20.2	15.9	23.9	





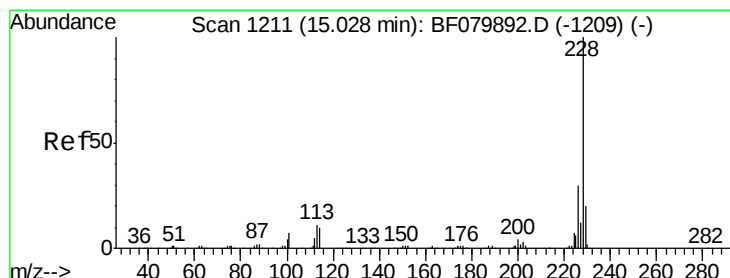
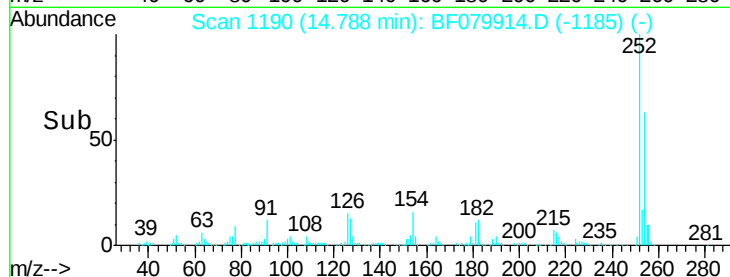
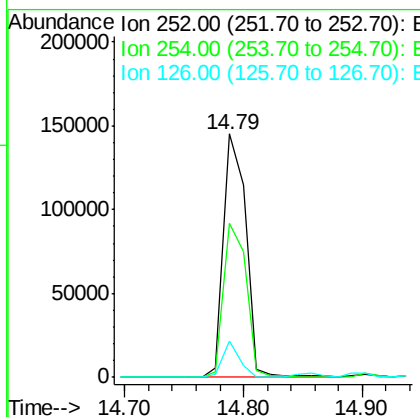
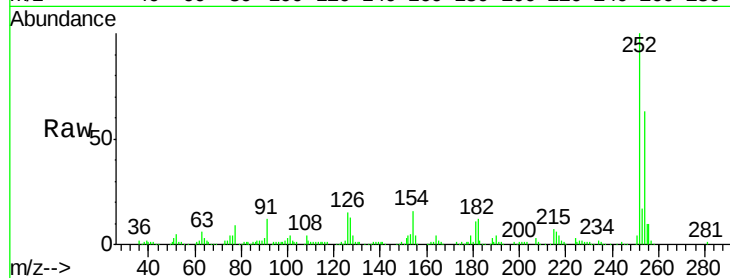
#81
 3,3'-Dichlorobenzidine
 Concen: 28.51 ng
 RT: 14.79 min Scan# 1190
 Delta R.T. -0.14 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	51.1	76.7
126	14.7	7.3	10.9

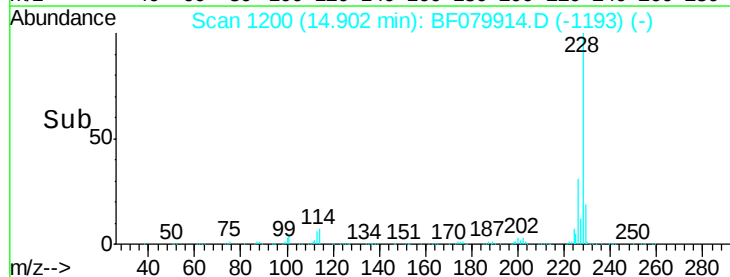
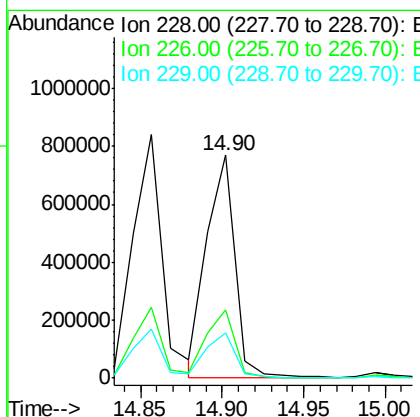
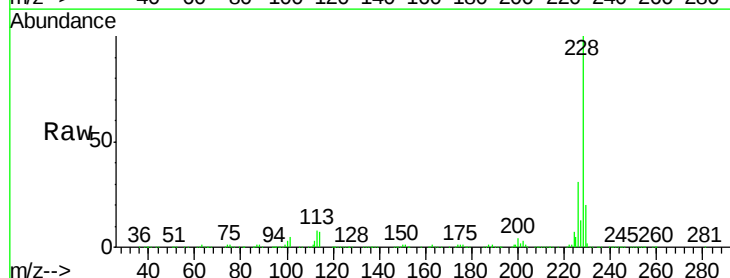
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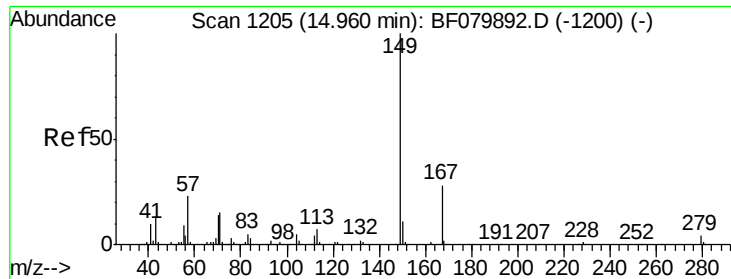
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#82
 Chrysene
 Concen: 50.07 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.13 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	23.9	35.9
229	20.4	16.1	24.1





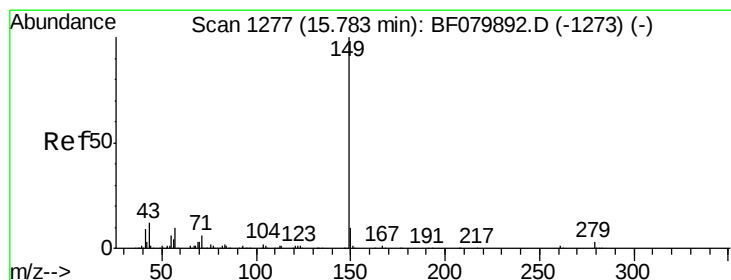
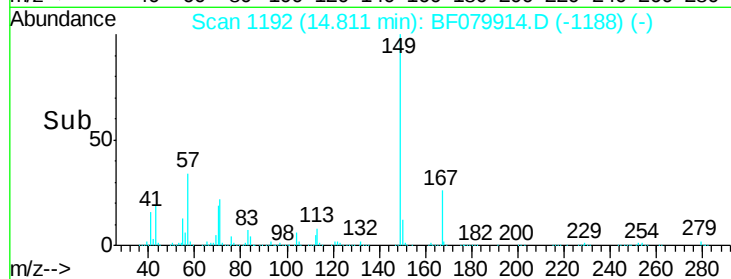
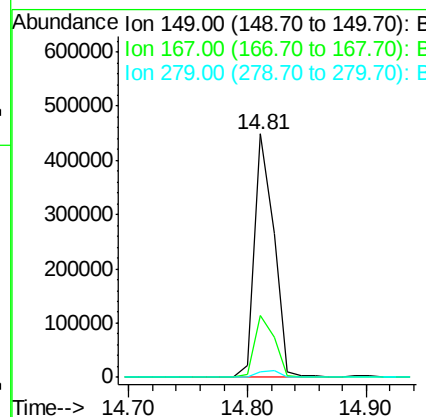
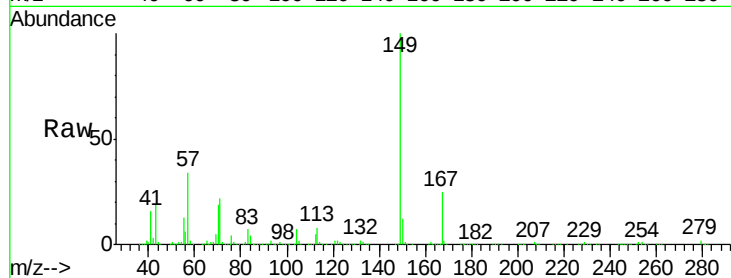
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.45 ng
 RT: 14.81 min Scan# 1192
 Delta R.T. -0.15 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 FM1BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.2	33.4
279	2.4	3.1	4.7

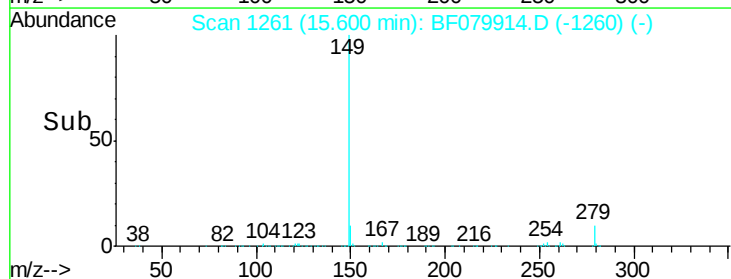
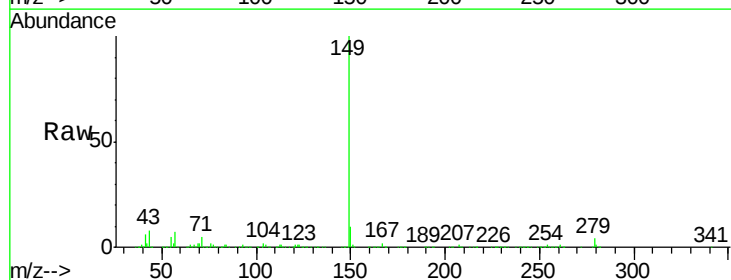
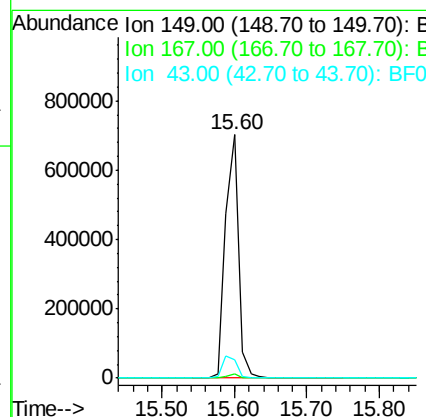
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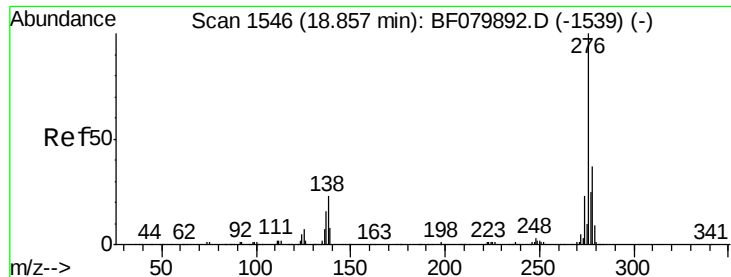
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#84
 Di-n-octyl phthalate
 Concen: 48.68 ng
 RT: 15.60 min Scan# 1261
 Delta R.T. -0.18 min
 Lab File: BF079914.D
 Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.0	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.53 ng

RT: 18.64 min Scan# 1527

Delta R.T. -0.22 min

Lab File: BF079914.D

Acq: 12 Jun 2015 1:56

Instrument :

BNA_F

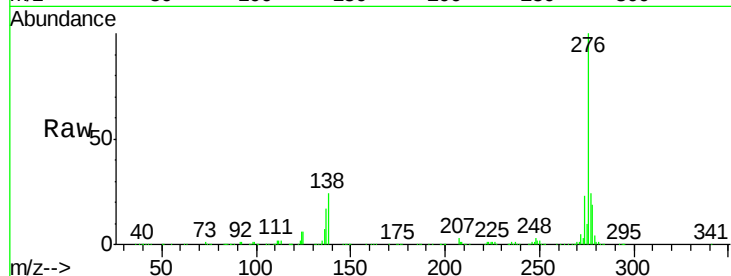
ClientSampleId :

FM1BMSD

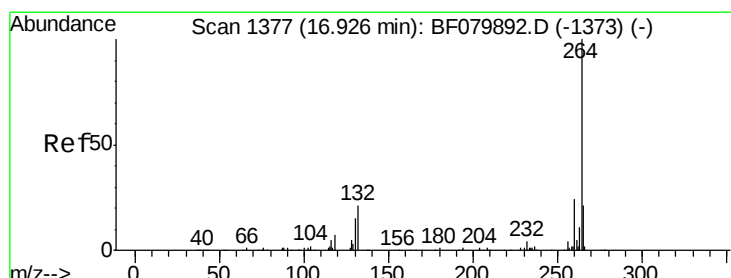
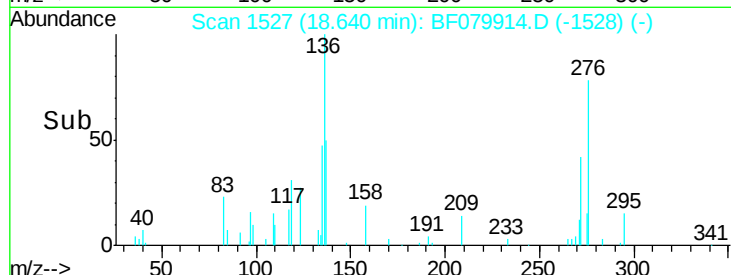
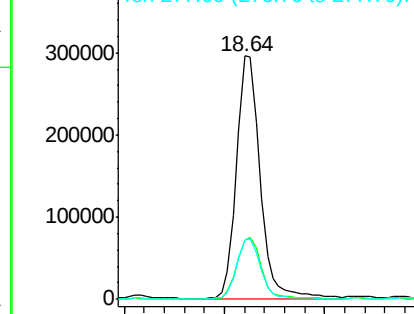
Tot Ion:	276	Resp:	973621
Ion Ratio		Lower	Upper
276	100		
138	26.7	21.0	31.4
277	25.3	19.9	29.9

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

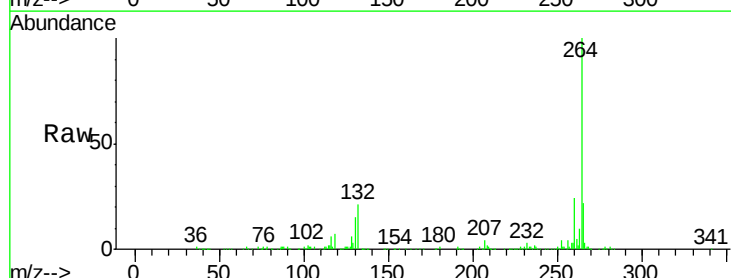
RT: 16.73 min Scan# 1360

Delta R.T. -0.19 min

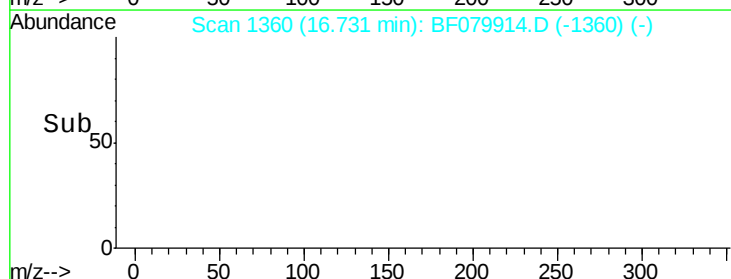
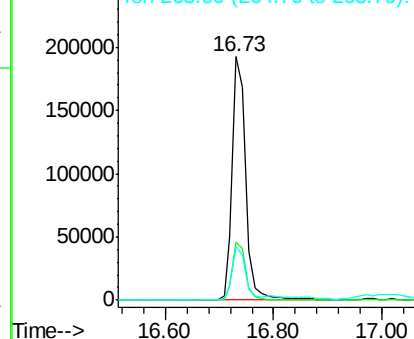
Lab File: BF079914.D

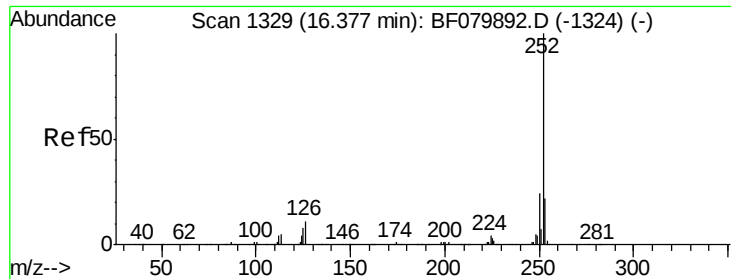
Acq: 12 Jun 2015 1:56

Tgt Ion:	264	Resp:	332475
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.8	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





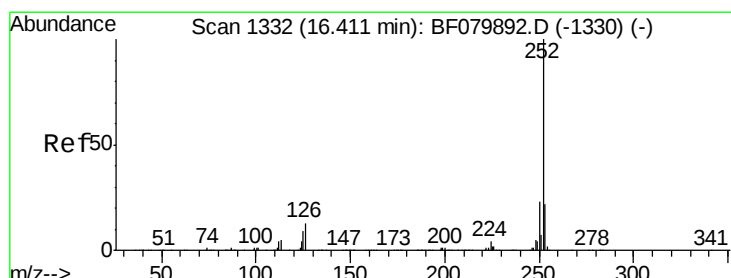
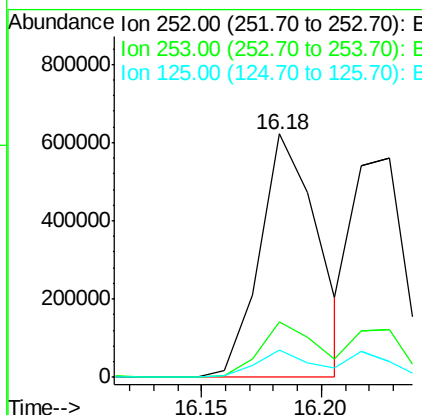
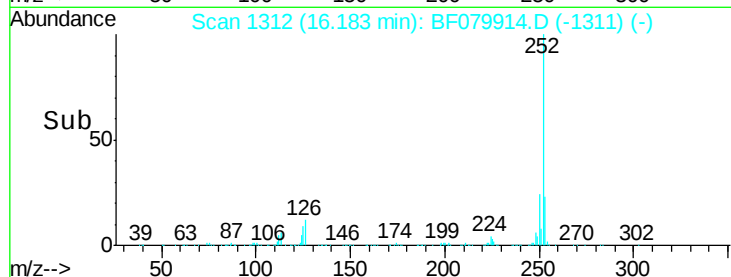
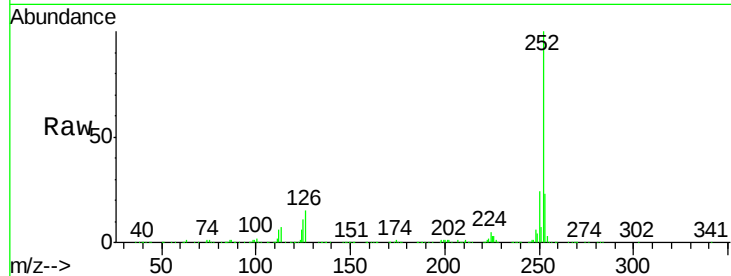
#87
Benzo(b)fluoranthene
Concen: 51.41 ng m
RT: 16.18 min Scan# 1312
Delta R.T. -0.19 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.1	6.5	9.7

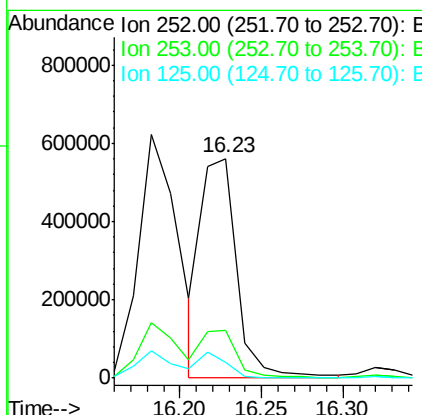
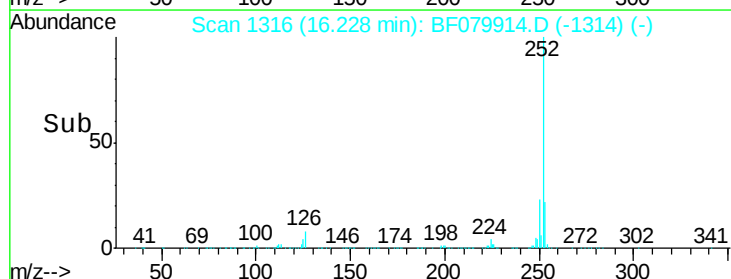
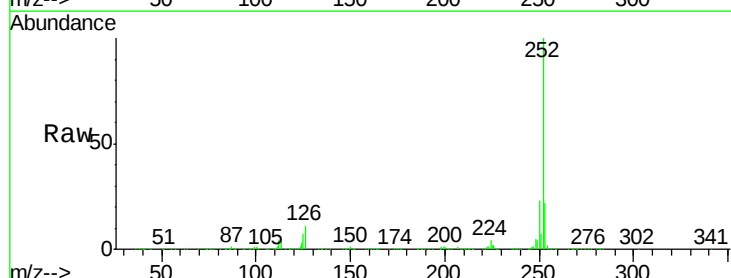
Manual Integrations
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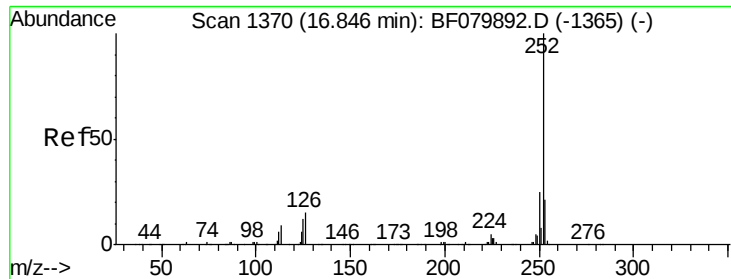
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#88
Benzo(k)fluoranthene
Concen: 40.91 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.18 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.3	7.4	11.0





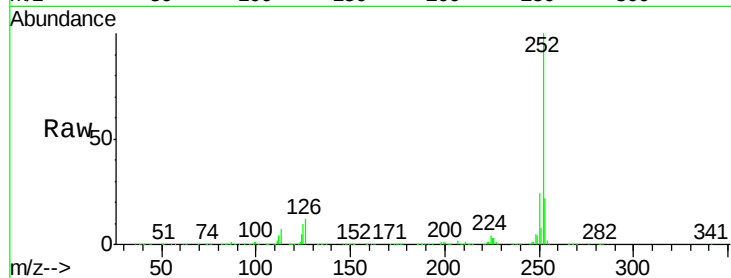
#89
Benzo(a)pyrene
Concen: 49.36 ng/ml
RT: 16.66 min Scan# 1354
Delta R.T. -0.18 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

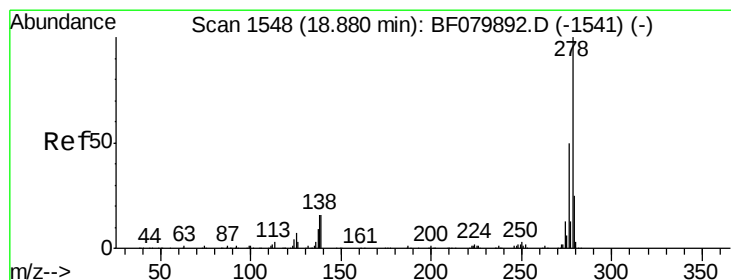
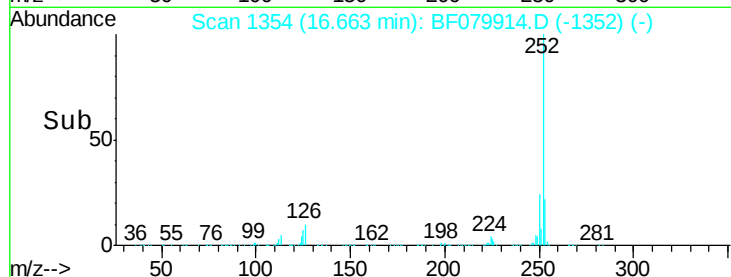
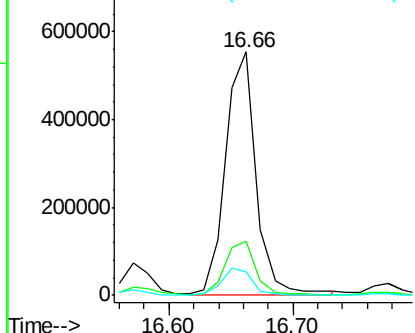
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.6	9.7	14.5

Manual Integrations
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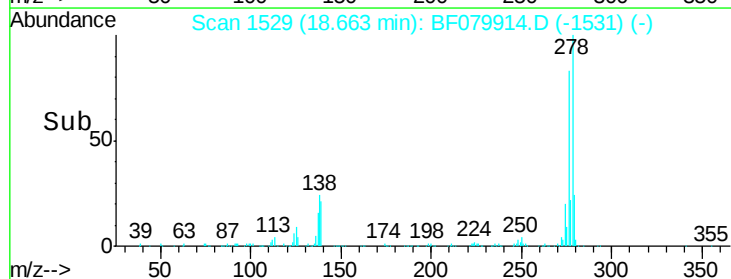
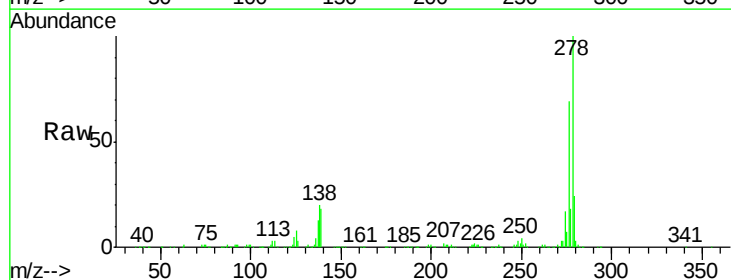
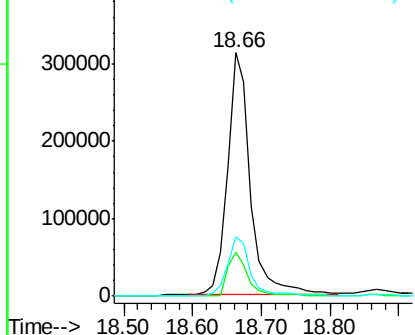
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

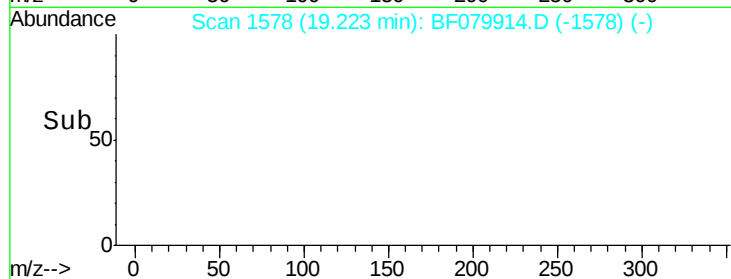
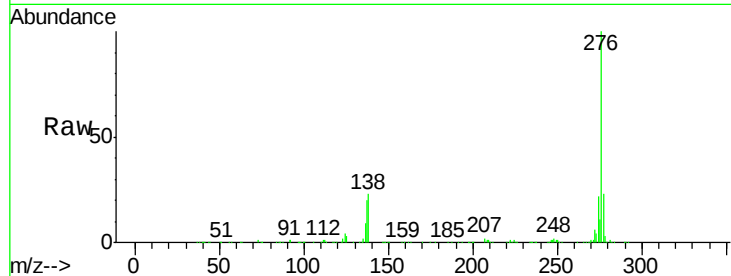
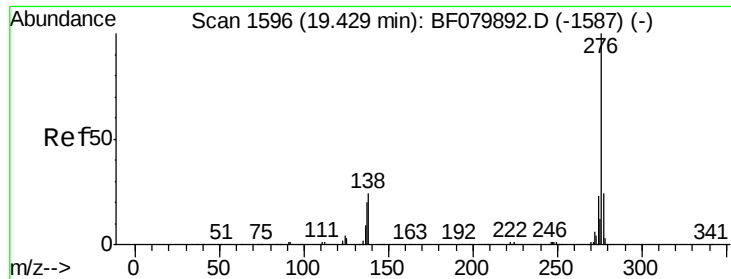


#90
Dibenzo(a,h)anthracene
Concen: 38.55 ng
RT: 18.66 min Scan# 1529
Delta R.T. -0.22 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.8	19.2
279	24.2	19.7	29.5

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
Benzo(a,h,i)perylene
Concen: 42.46 ng
RT: 19.22 min Scan# 1578
Delta R.T. -0.21 min
Lab File: BF079914.D
Acq: 12 Jun 2015 1:56

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.1	19.4	29.2
138	23.0	19.1	28.7

Manual Integrations
APPROVED

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6/13/2015 8:44:36 AM

