

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079937.D
 Acq On : 12 Jun 2015 15:53
 Operator : TP/IZ
 Sample : PB83970BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Manual Integrations
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 6/15/2015 12:43:22 PM

Quant Time: Jun 12 23:22:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	49328	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	192312	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	106169	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	220328	20.00	ng	-0.02
75) Chrysene-d12	14.96	240	250374	20.00	ng	-0.18
86) Perylene-d12	16.88	264	234825	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	325652	121.05	ng	0.00
7) Phenol-d6	6.97	99	413939	112.94	ng	0.00
23) Nitrobenzene-d5	7.93	82	241758	82.94	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	107553	101.25	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	532817	70.27	ng	0.00
78) Terphenyl-d14	13.67	244	708665	65.26	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	36459	29.79	ng	94
3) Pyridine	4.11	79	112048	35.73	ng	99
4) n-Nitrosodimethylamine	4.02	42	57278	37.06	ng	# 96
6) Aniline	7.03	93	105889	19.96	ng	95
8) 2-Chlorophenol	7.16	128	112321	34.35	ng	89
9) Benzaldehyde	6.92	77	76187	36.16	ng	84
10) Phenol	6.99	94	139143	34.52	ng	93
11) bis(2-Chloroethyl)ether	7.10	93	106902	32.96	ng	92
12) 1,3-Dichlorobenzene	7.32	146	133592m	35.03	ng	
13) 1,4-Dichlorobenzene	7.39	146	139185	35.13	ng	95
14) 1,2-Dichlorobenzene	7.55	146	134909	38.34	ng	93
15) Benzyl Alcohol	7.50	79	103862	35.34	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.64	45	183328	38.16	ng	96
17) 2-Methylphenol	7.60	107	93328	32.67	ng	96
18) Hexachloroethane	7.90	117	38948	31.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.77	70	85019	32.47	ng	# 90
20) 3+4-Methylphenols	7.76	107	131409	36.00	ng	97
22) Acetophenone	7.77	105	159382	35.09	ng	# 89
24) Nitrobenzene	7.95	77	124427	40.13	ng	# 84
25) Isophorone	8.19	82	219801	32.40	ng	# 90
26) 2-Nitrophenol	8.27	139	44282	41.06	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	112002	36.84	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	137513	34.14	ng	98
29) 2,4-Dichlorophenol	8.51	162	107294	42.14	ng	89
30) 1,2,4-Trichlorobenzene	8.60	180	113565	35.10	ng	97
31) Naphthalene	8.70	128	341863	32.52	ng	99
32) Benzoic acid	8.34	122	39453m	35.86	ng	
33) 4-Chloroaniline	8.73	127	72660	17.81	ng	# 90
34) Hexachlorobutadiene	8.81	225	69858	38.89	ng	97
35) Caprolactam	9.06	113	32763	40.69	ng	90
36) 4-Chloro-3-methylphenol	9.19	107	100999	34.72	ng	# 85
37) 2-Methylnaphthalene	9.38	142	237562	33.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	114750	32.27	ng	98
40) Hexachlorocyclopentadiene	9.54	237	97276	66.71	ng	97

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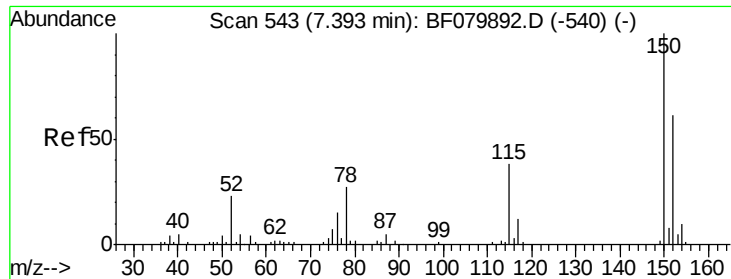
Manual Integrations
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Quant Time: Jun 12 23:22:30 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	76701	35.01	ng	98
43) 2,4,5-Trichlorophenol	9.69	196	75835	31.36	ng #	88
45) 1,1'-Biphenyl	9.85	154	312297	36.35	ng	95
46) 2-Chloronaphthalene	9.88	162	227699	31.13	ng #	92
47) 2-Nitroaniline	9.96	65	53249	35.15	ng #	60
48) Acenaphthylene	10.31	152	375199	30.38	ng	98
49) Dimethylphthalate	10.14	163	291069	34.22	ng	98
50) 2,6-Dinitrotoluene	10.20	165	47463	31.64	ng #	64
51) Acenaphthene	10.48	154	237254	33.80	ng	94
52) 3-Nitroaniline	10.38	138	39851	22.70	ng #	69
53) 2,4-Dinitrophenol	10.48	184	24736	78.09	ng #	1
54) Dibenzofuran	10.65	168	356964	34.81	ng	91
55) 4-Nitrophenol	10.51	139	103213	76.15	ng #	79
56) 2,4-Dinitrotoluene	10.61	165	65539	33.44	ng #	63
57) Fluorene	10.99	166	282029	31.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.77	232	69378	37.85	ng	93
59) Diethylphthalate	10.85	149	276081	32.46	ng	94
60) 4-Chlorophenyl-phenylether	10.98	204	136639	34.23	ng #	82
61) 4-Nitroaniline	10.98	138	53825	28.51	ng	87
62) Azobenzene	11.14	77	269133	32.89	ng	85
64) 4,6-Dinitro-2-methylphenol	11.02	198	16580	36.62	ng #	37
65) n-Nitrosodiphenylamine	11.10	169	234635	32.99	ng	99
66) 4-Bromophenyl-phenylether	11.47	248	81048	32.83	ng #	83
67) Hexachlorobenzene	11.55	284	86829	32.24	ng #	78
68) Atrazine	11.61	200	81027	37.01	ng	96
69) Pentachlorophenol	11.75	266	87280	70.18	ng	95
70) Phenanthrene	11.98	178	439182	33.45	ng	100
71) Anthracene	12.03	178	466806	36.74	ng	99
72) Carbazole	12.18	167	411837	33.42	ng	99
73) Di-n-butylphthalate	12.51	149	496056	36.95	ng	100
74) Fluoranthene	13.26	202	485093	33.42	ng	97
76) Benzidine	13.37	184	246703	35.58	ng	99
77) Pyrene	13.52	202	500590	31.83	ng	99
79) Butylbenzylphthalate	14.22	149	202136	38.07	ng #	85
80) Benzo(a)anthracene	14.95	228	491169	30.89	ng	100
81) 3,3'-Dichlorobenzidine	14.89	252	75731	14.90	ng	99
82) Chrysene	14.99	228	459681	32.35	ng	99
83) Bis(2-ethylhexyl)phthalate	14.93	149	317995	37.42	ng	100
84) Di-n-octyl phthalate	15.75	149	539401	38.92	ng	98
85) Indeno(1,2,3-cd)pyrene	18.78	276	524931	31.53	ng	99
87) Benzo(b)fluoranthene	16.32	252	474503m	32.98	ng	
88) Benzo(k)fluoranthene	16.37	252	475511	32.40	ng	98
89) Benzo(a)pyrene	16.80	252	465281	34.00	ng	97
90) Dibenzo(a,h)anthracene	18.80	278	439588	32.68	ng	97
91) Benzo(g,h,i)perylene	19.35	276	445544	32.01	ng	100

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



#1

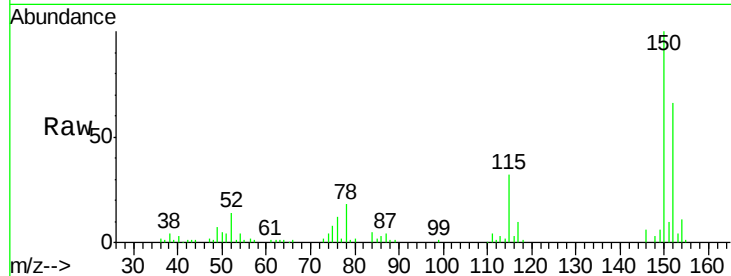
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleID :
PB83970BS

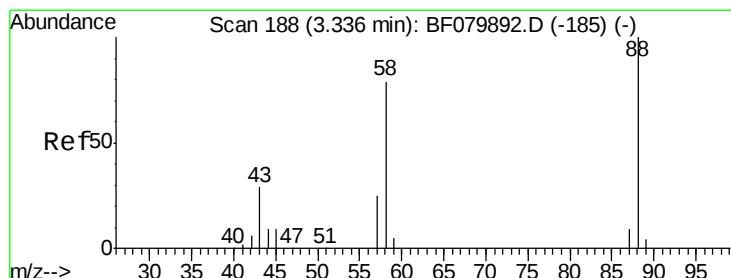
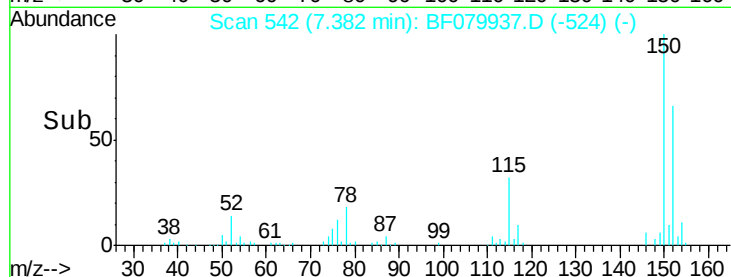
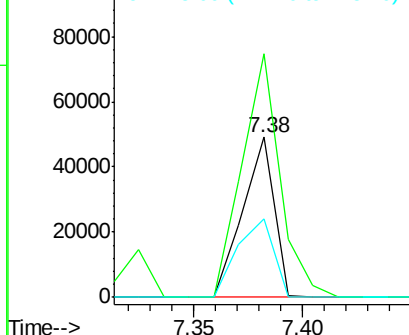
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	131.0	196.4
115	48.6	49.8	74.6

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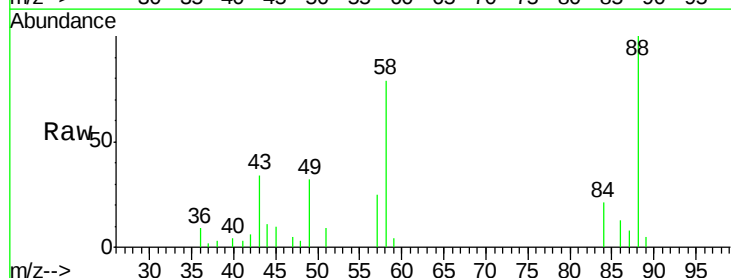
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



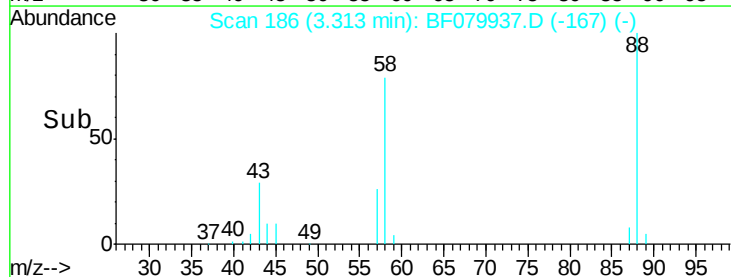
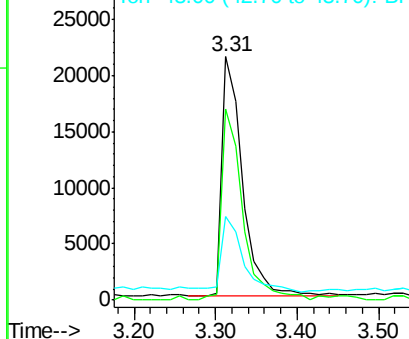
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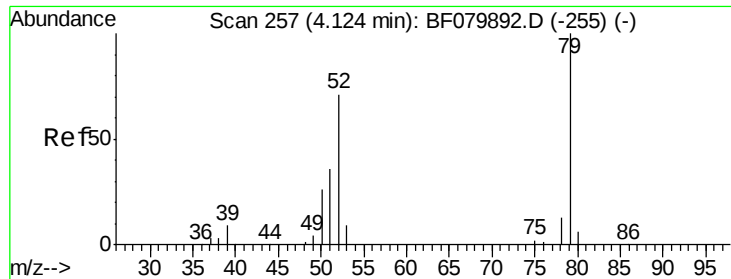
1,4-Dioxane
Concen: 29.79 ng
RT: 3.31 min Scan# 186
Delta R.T. 0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	63.0	94.4
43	33.9	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

Pyridine

Concen: 35.73 ng

RT: 4.11 min Scan# 256

Delta R.T. 0.02 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

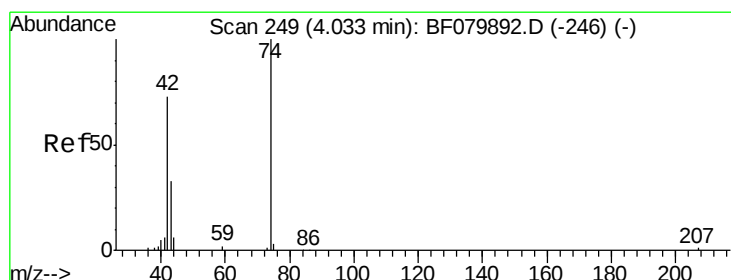
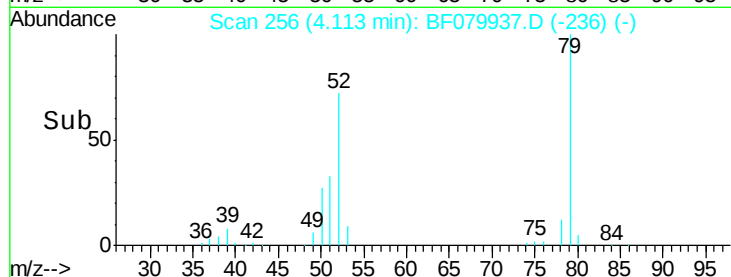
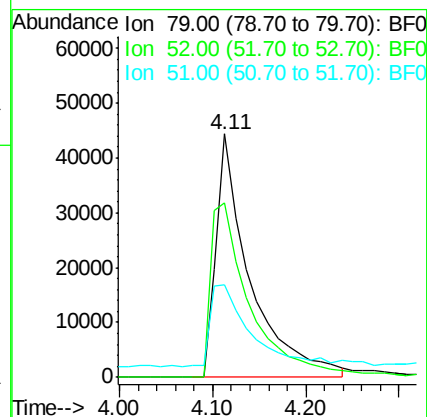
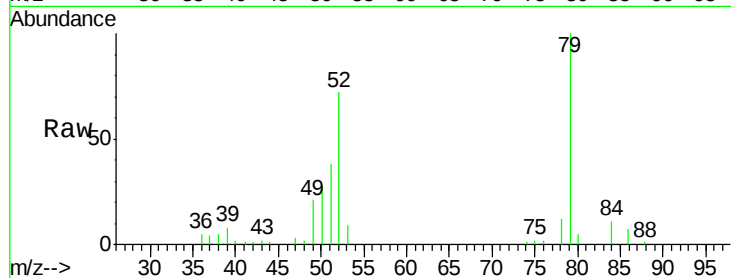
ClientSampleId :

PB83970BS

Tgt Ion:	79	Resp:	112048
Ion Ratio	Lower	Upper	
79	100		
52	71.6	56.7	85.1
51	37.8	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 37.06 ng

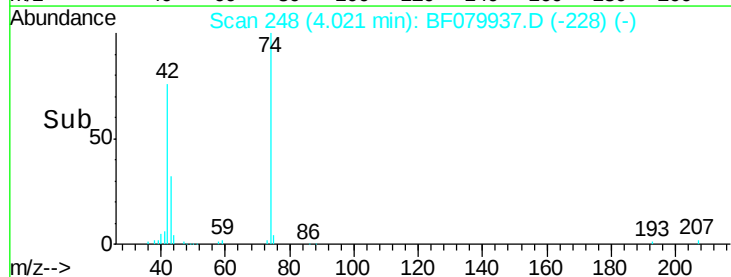
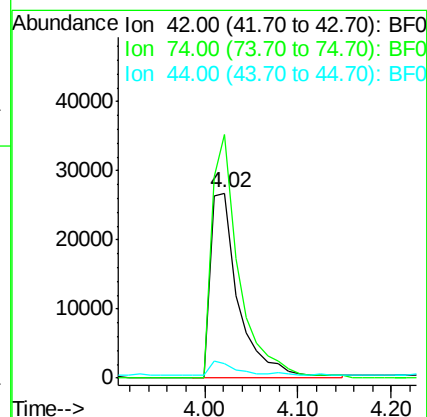
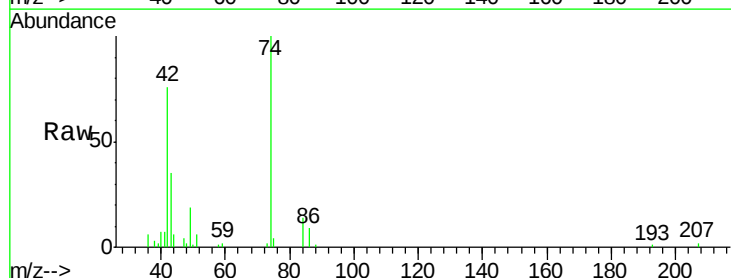
RT: 4.02 min Scan# 248

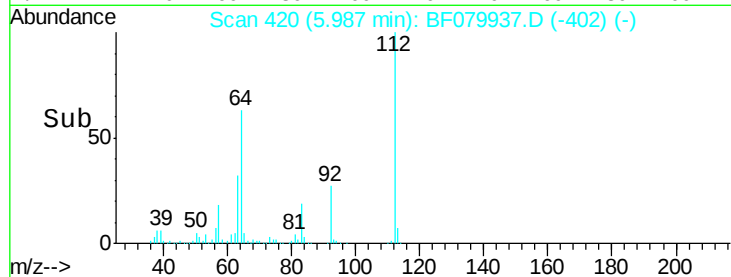
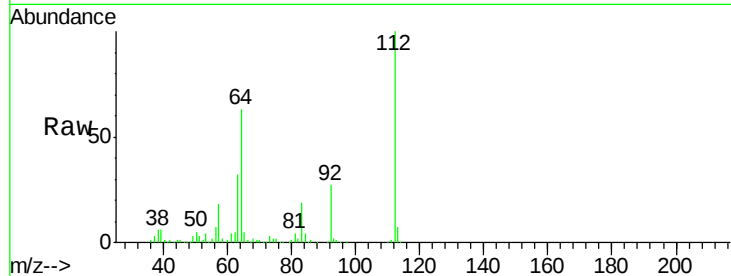
Delta R.T. 0.02 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	42	Resp:	57278
Ion Ratio	Lower	Upper	
42	100		
74	131.4	109.0	163.6
44	7.6	7.7	11.5#





#5

2-Fluorophenol

Concen: 121.05 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	325652		
64	63.2	54.5	81.7	
63	31.7	27.9	41.9	

Instrument :

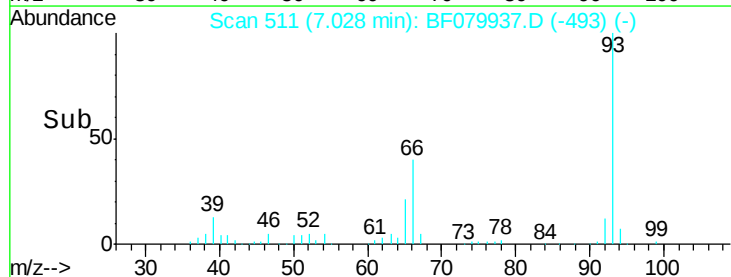
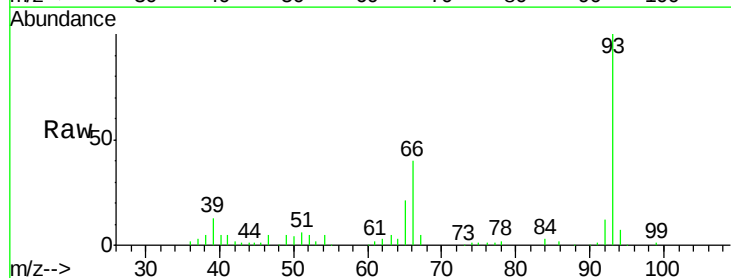
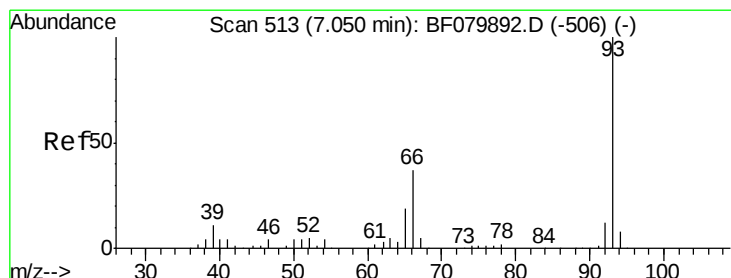
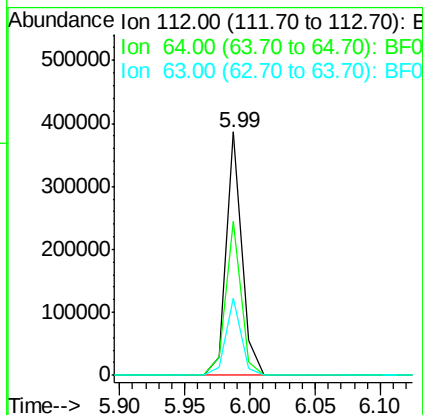
BNA_F

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#6

Aniline

Concen: 19.96 ng

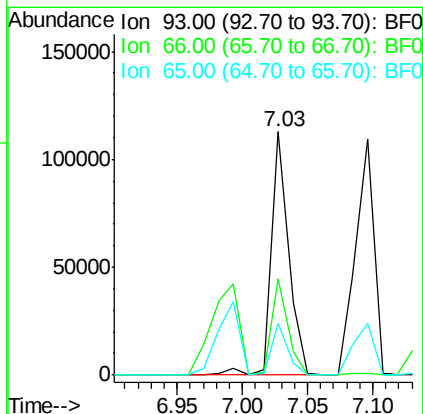
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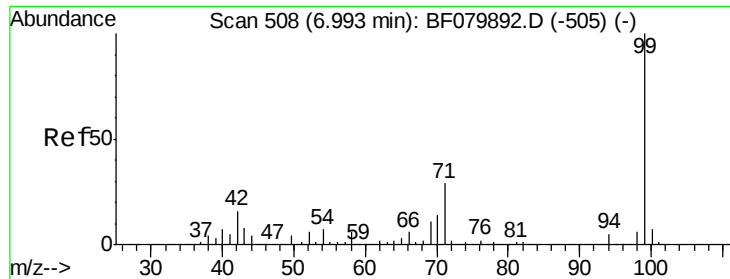
Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	105889		
66	39.7	29.4	44.0	
65	21.1	14.9	22.3	





#7

Phenol-d6

Concen: 112.94 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

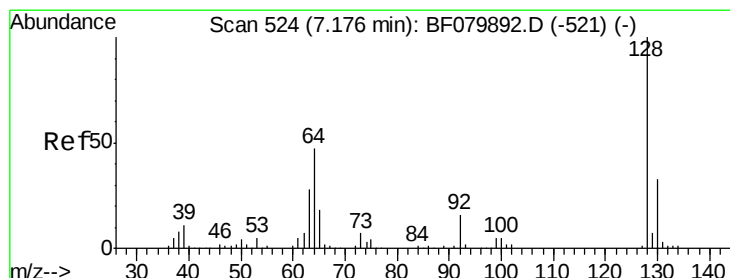
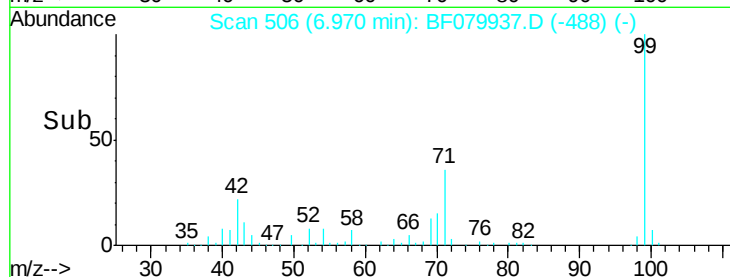
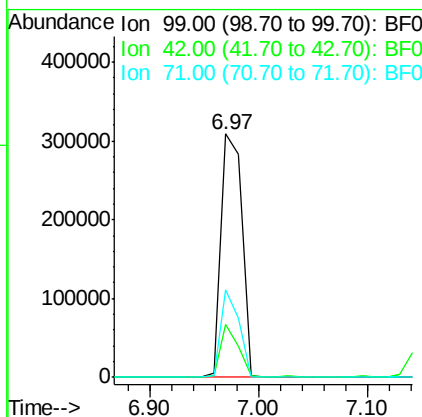
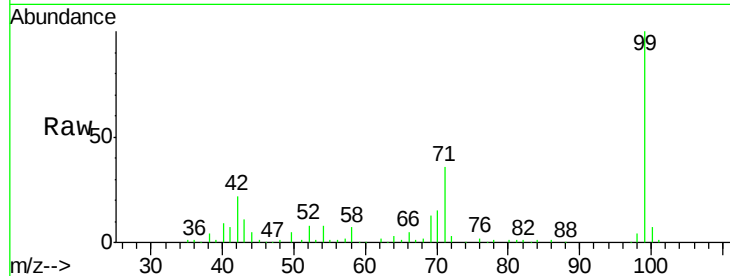
ClientSampleId :

PB83970BS

Tgt Ion:	99	Resp:	413939
Ion Ratio	Lower	Upper	
99	100		
42	21.8	12.9	19.3#
71	35.8	23.4	35.2#

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#8

2-Chlorophenol

Concen: 34.35 ng

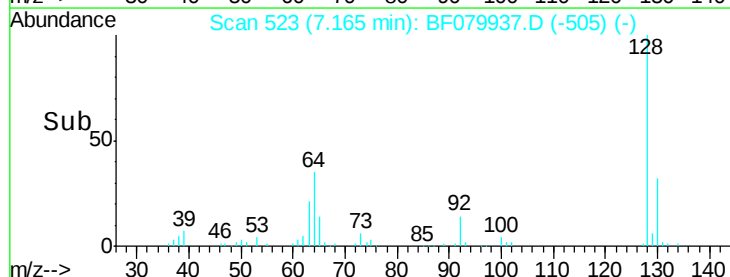
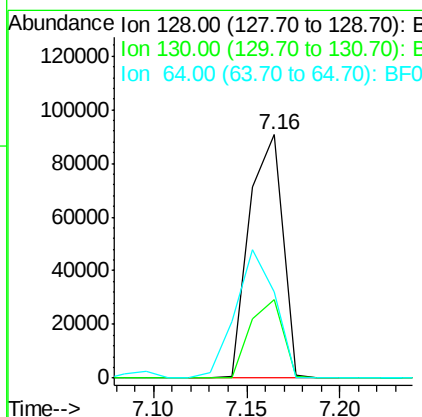
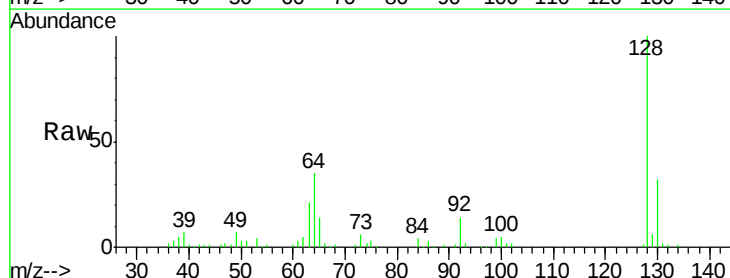
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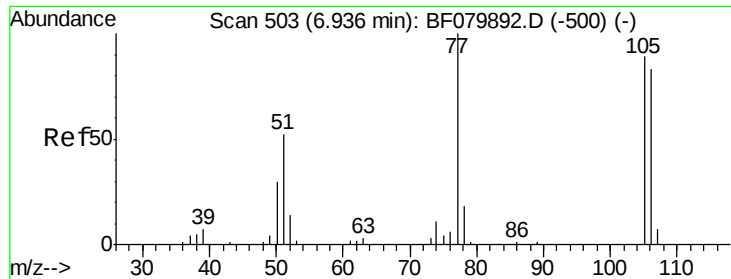
Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	128	Resp:	112321
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	35.5	26.8	66.8





#9

Benzaldehyde

Concen: 36.16 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079937.D

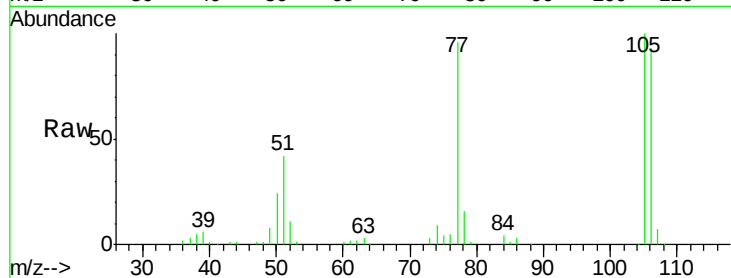
Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

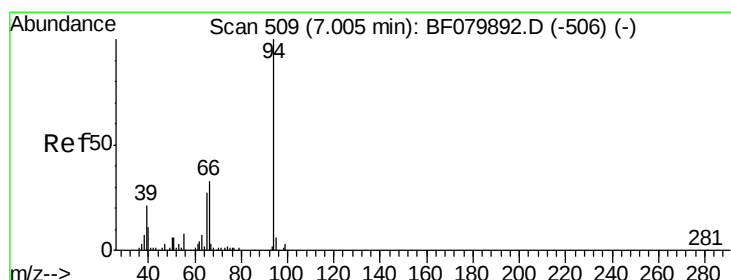
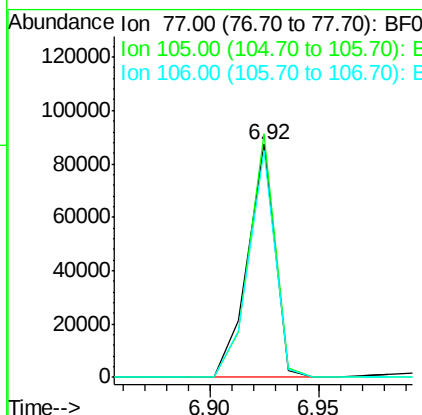
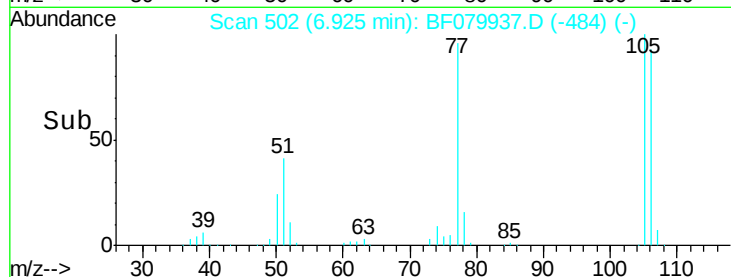
PB83970BS



Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.5	68.6	108.6
106	97.2	63.3	103.3

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#10

Phenol

Concen: 34.52 ng

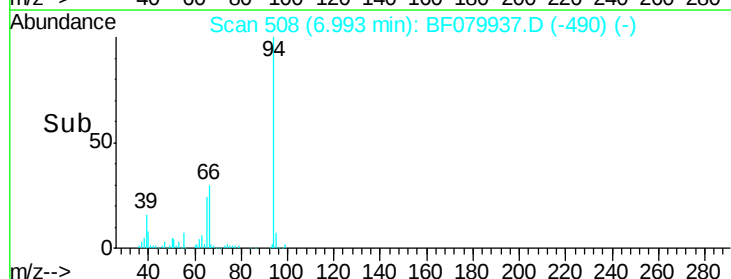
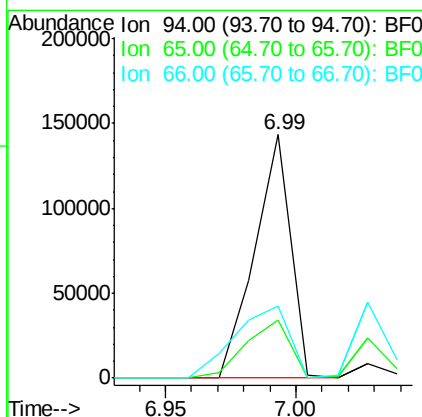
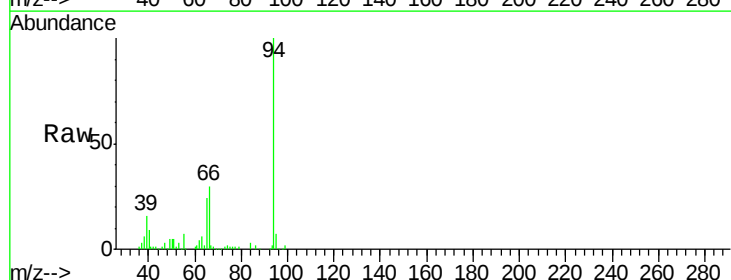
RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.7	7.0	47.0
66	29.6	13.3	53.3





#11

bis(2-Chloroethyl)ether

Concen: 32.96 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

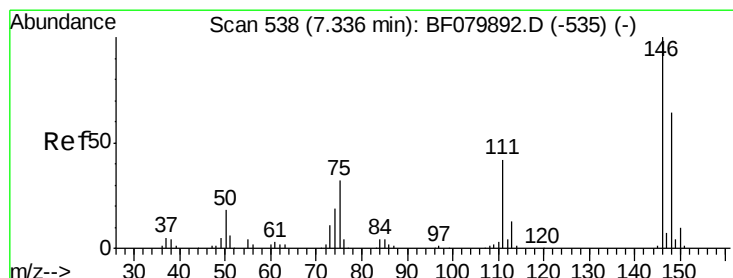
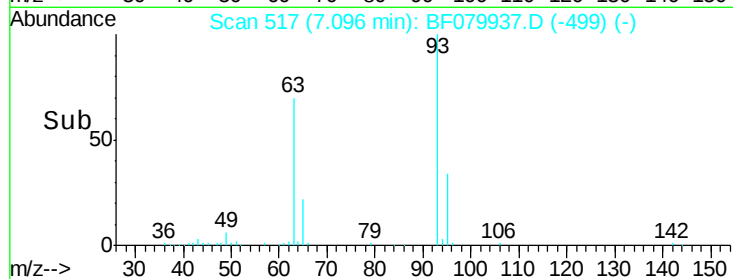
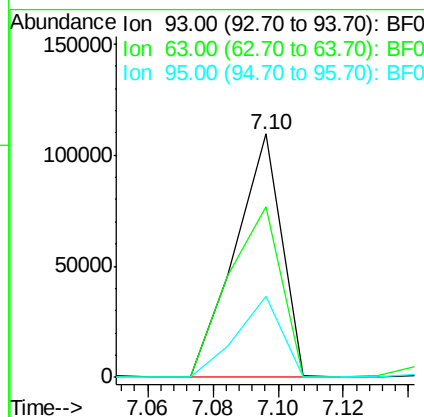
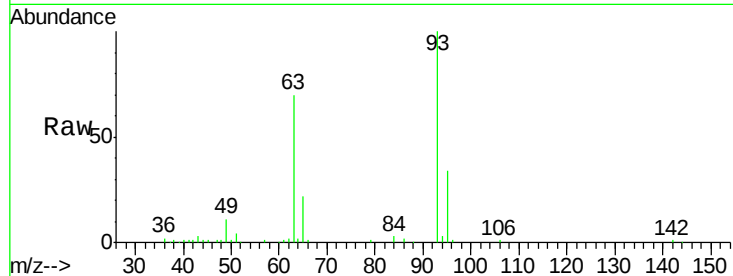
ClientSampleId :

PB83970BS

Tgt Ion:	93	Resp:	106902
Ion Ratio	Lower	Upper	
93	100		
63	70.1	58.7	98.7
95	33.5	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 35.03 ng m

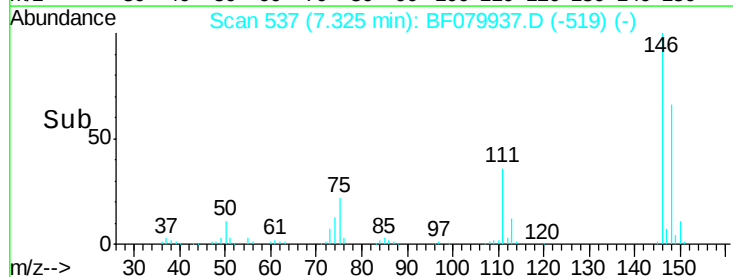
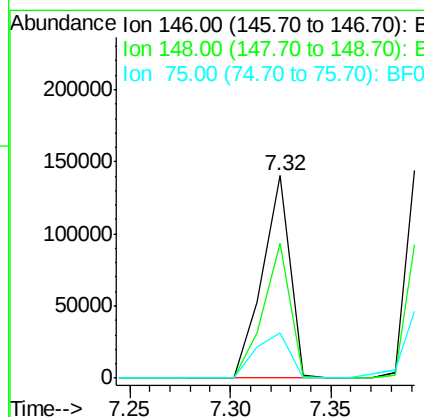
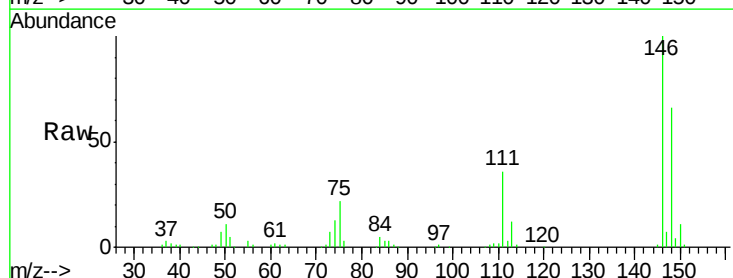
RT: 7.32 min Scan# 537

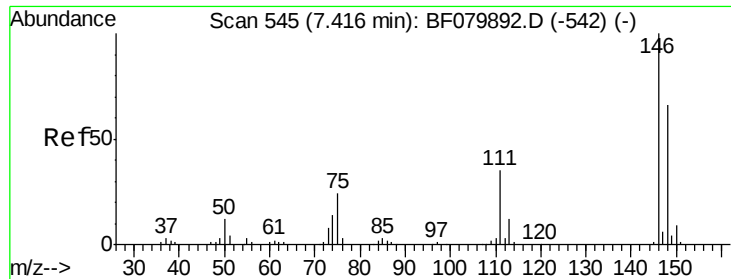
Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	146	Resp:	133592
Ion Ratio	Lower	Upper	
146	100		
148	66.5	50.9	76.3
75	22.2	25.8	38.6#





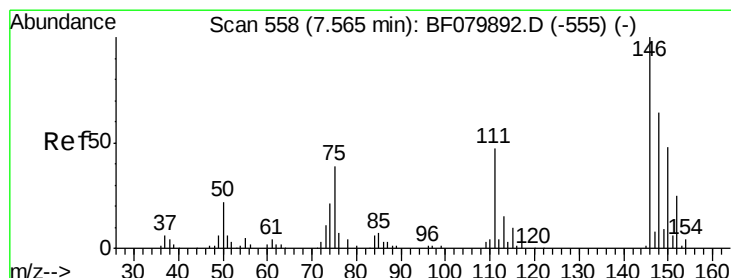
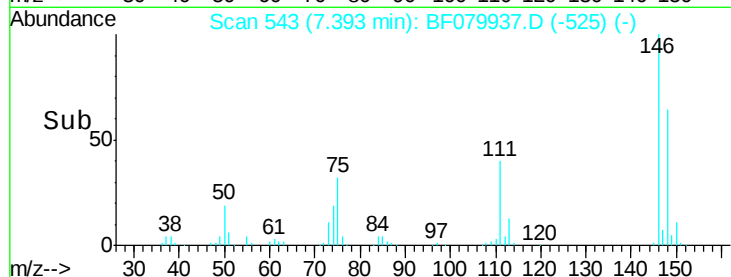
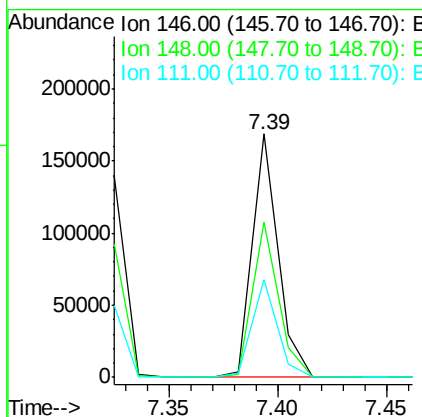
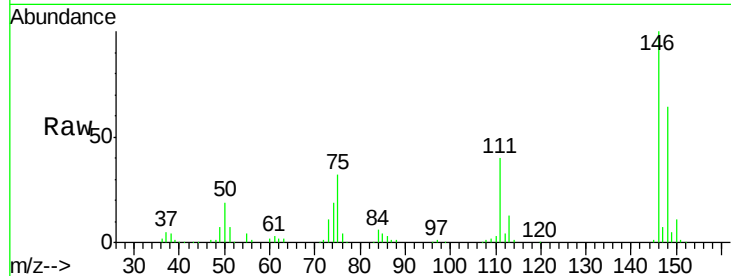
#13
 1,4-Dichlorobenzene
 Concen: 35.13 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139185		
148	64.0	53.0	79.6	
111	40.4	28.2	42.2	

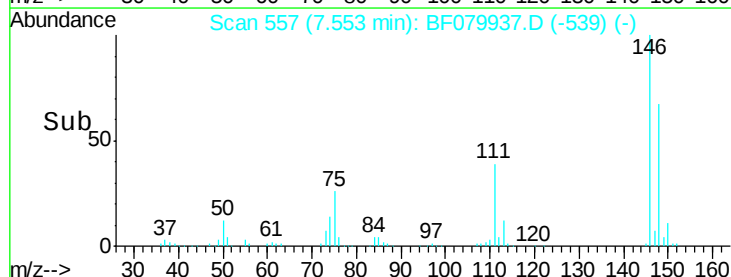
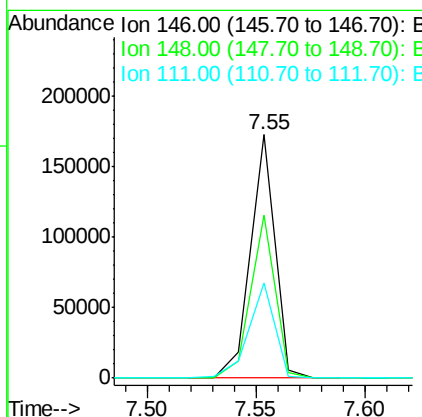
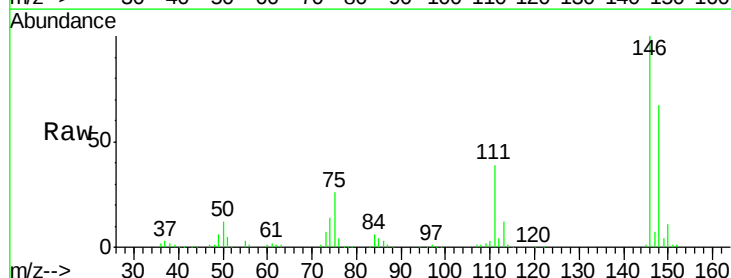
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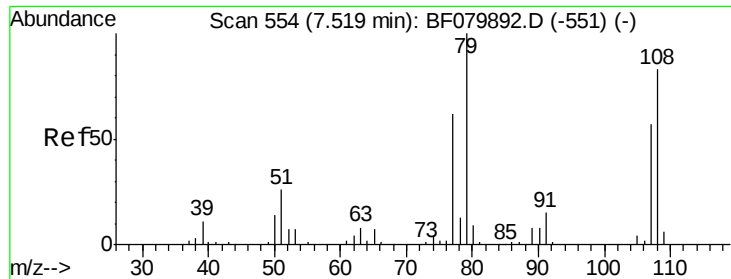
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#14
 1,2-Dichlorobenzene
 Concen: 38.34 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134909		
148	66.8	51.2	76.8	
111	39.0	37.3	55.9	





#15

Benzyl Alcohol

Concen: 35.34 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

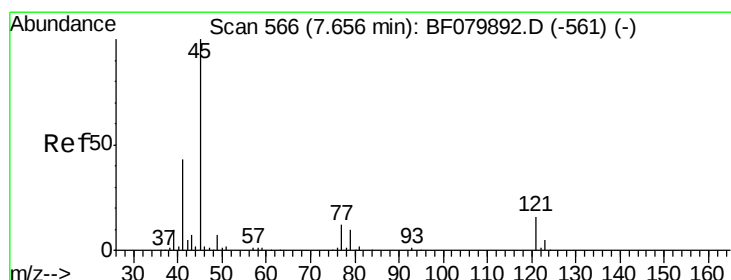
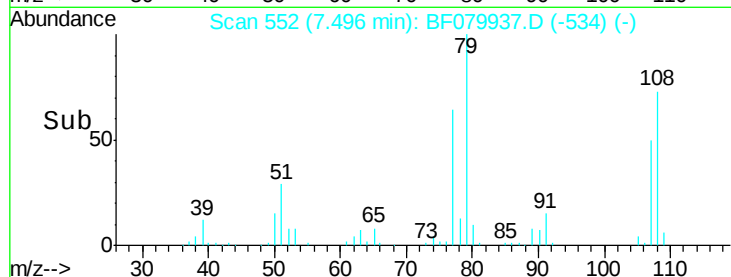
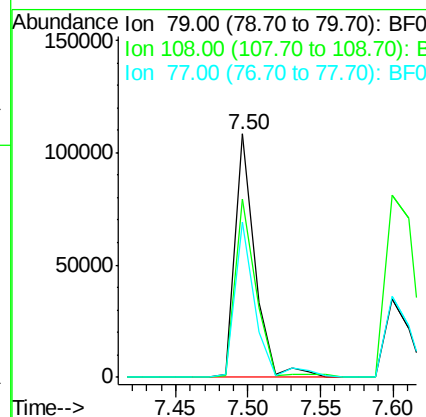
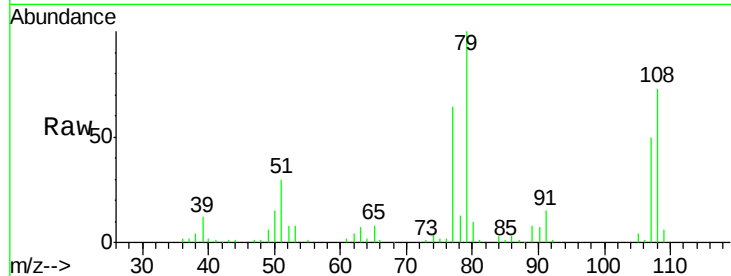
ClientSampleId :

PB83970BS

Tgt Ion:	79	Resp:	103862
Ion Ratio	Lower	Upper	
79	100		
108	73.2	66.4	99.6
77	63.7	49.4	74.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.16 ng

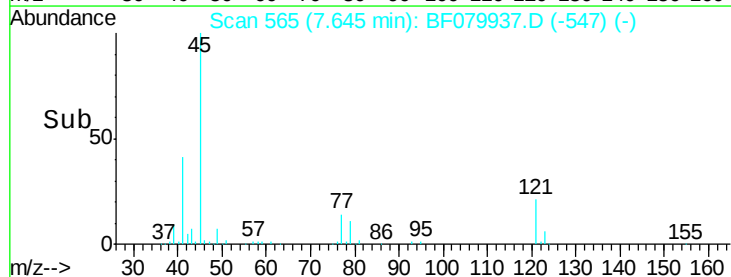
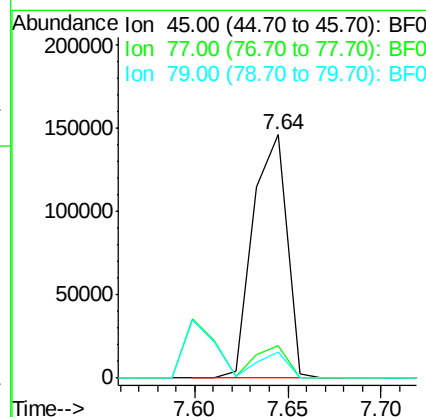
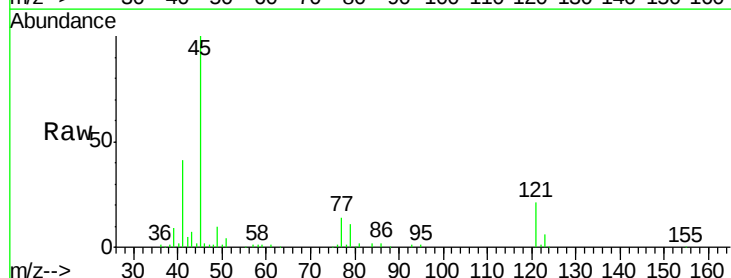
RT: 7.64 min Scan# 565

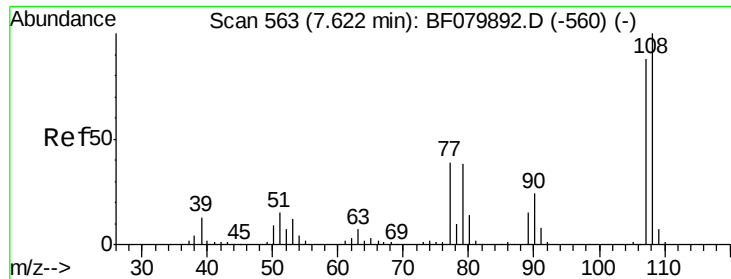
Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

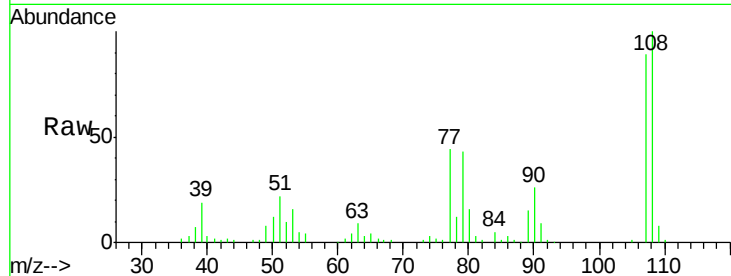
Tgt Ion:	45	Resp:	183328
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	31.9
79	10.9	0.0	29.6





#17
2-Methylphenol
Concen: 32.67 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

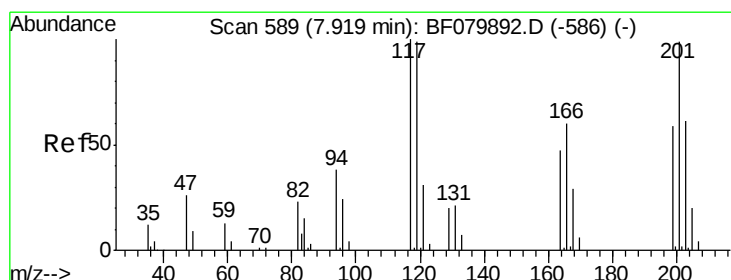
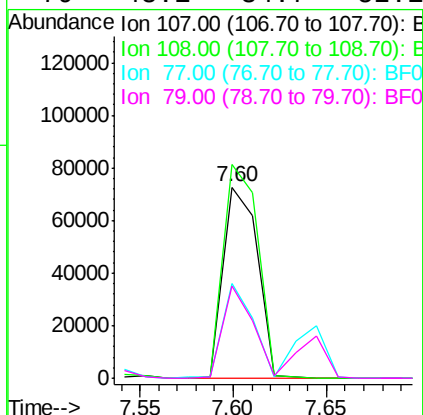
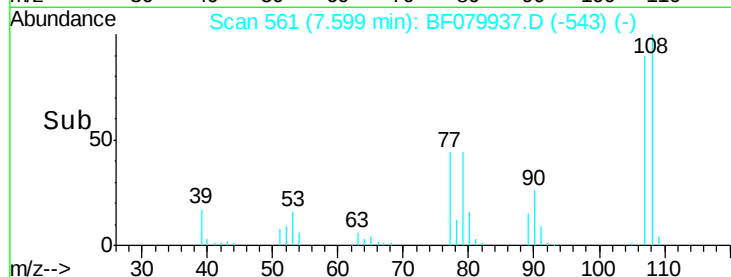
Instrument :
BNA_F
ClientSampleId :
PB83970BS



Tgt Ion:	107	Resp:	93328
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.8	136.2
77	49.4	35.4	53.2
79	48.1	34.7	52.1

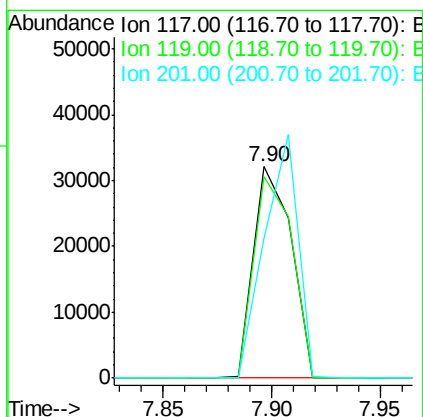
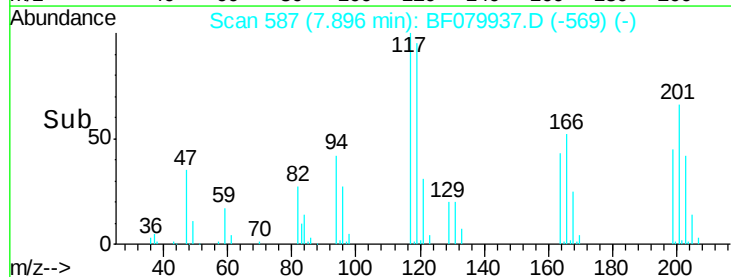
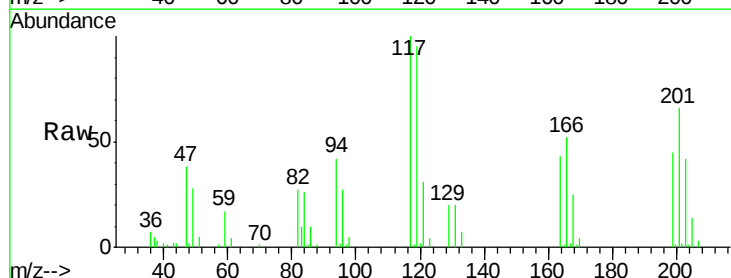
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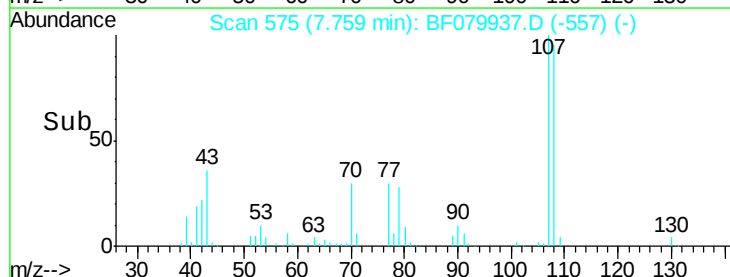
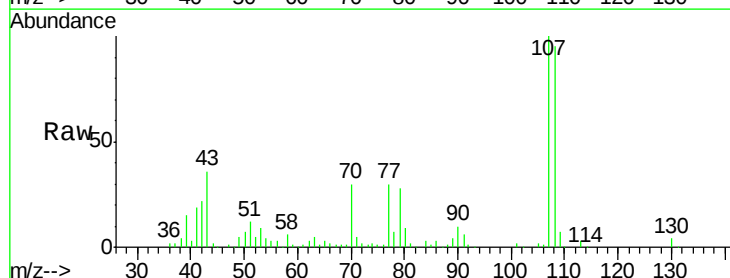
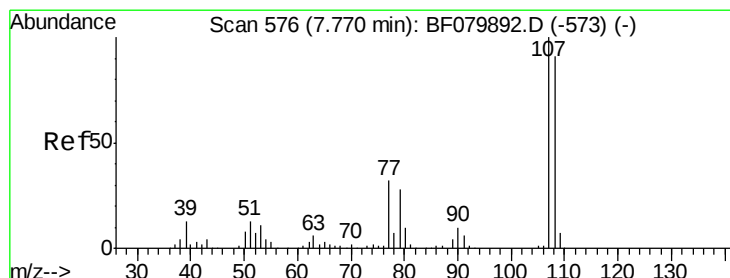
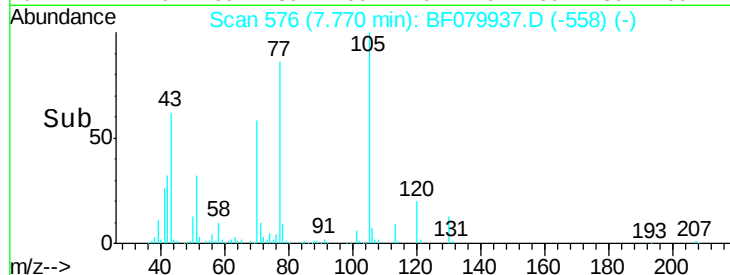
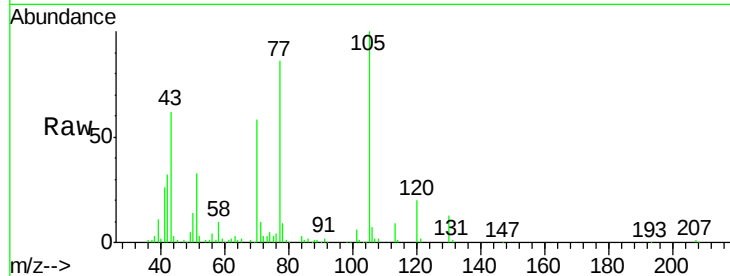
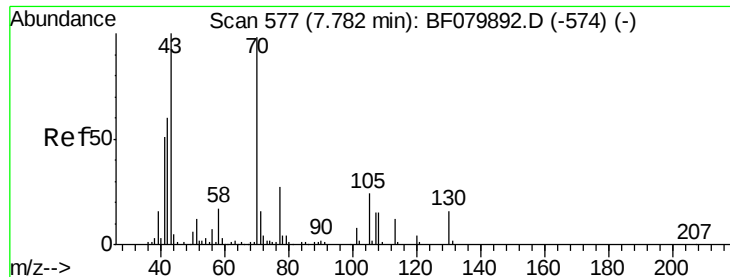
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#18
Hexachloroethane
Concen: 31.75 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion:	117	Resp:	38948
Ion Ratio	Lower	Upper	
117	100		
119	95.4	79.0	118.6
201	66.2	79.0	118.6#





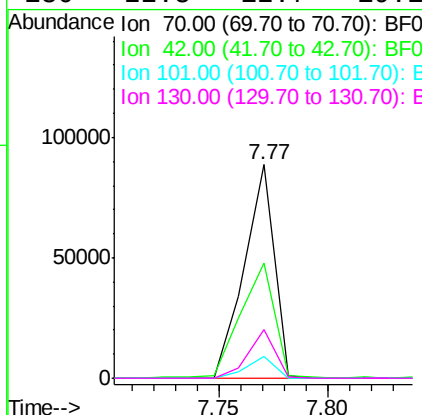
#19
n-Nitroso-di-n-propylamine
Concen: 32.47 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	49.0	73.4
101	10.5	6.6	9.8
130	22.8	12.7	19.1

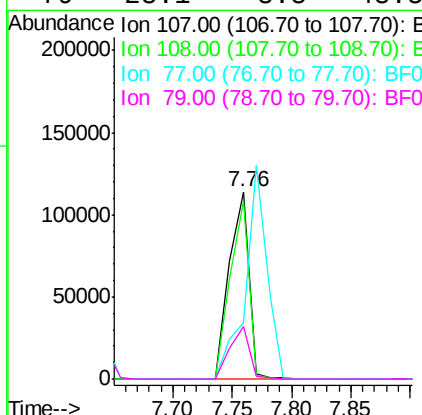
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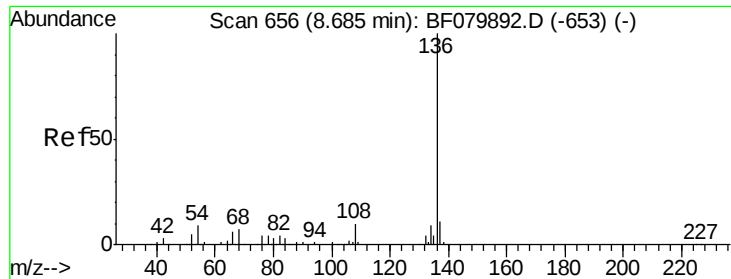
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#20
3+4-Methylphenols
Concen: 36.00 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	71.1	111.1
77	30.3	12.2	52.2
79	28.1	8.5	48.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079937.D

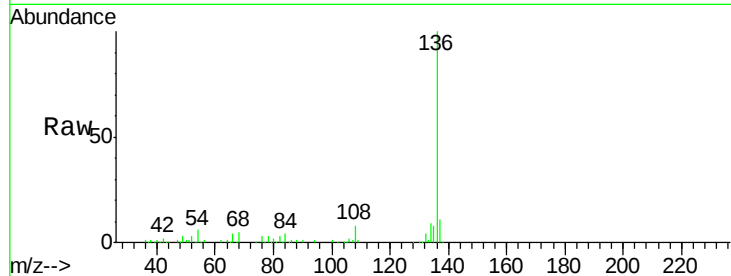
Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

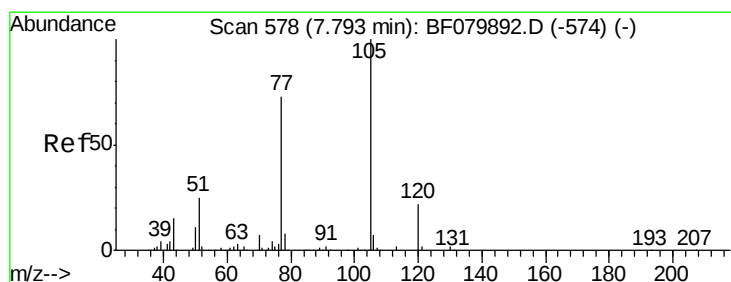
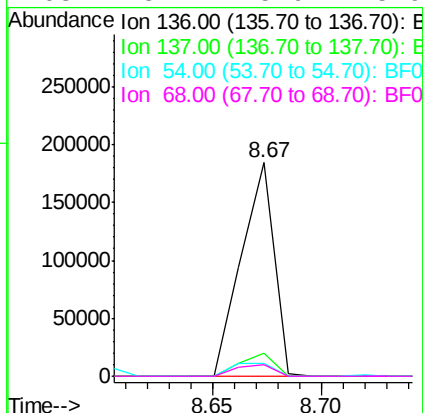
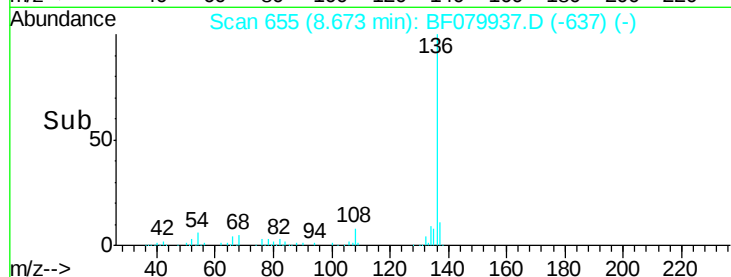
PB83970BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	192312		
137	10.6	8.7	13.1	
54	5.8	7.3	10.9	
68	5.1	5.9	8.9	

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#22

Acetophenone

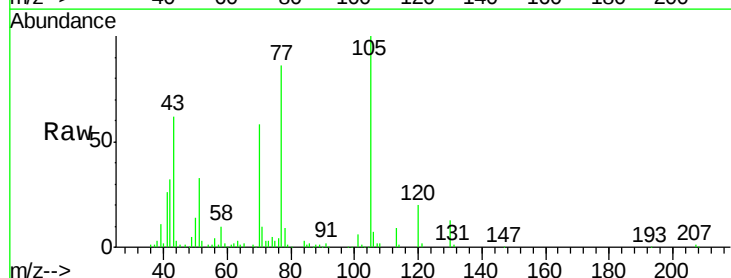
Concen: 35.09 ng

RT: 7.77 min Scan# 576

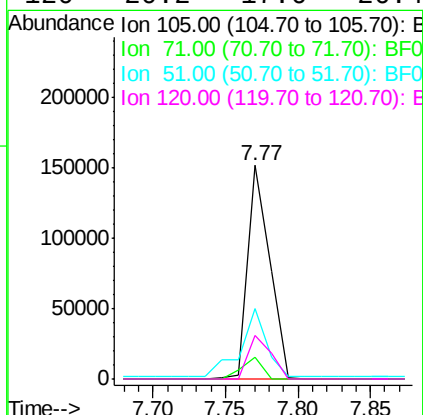
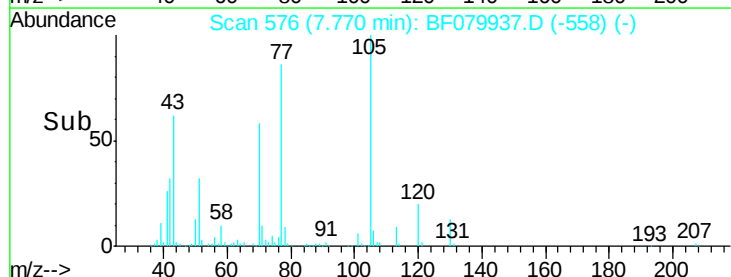
Delta R.T. 0.00 min

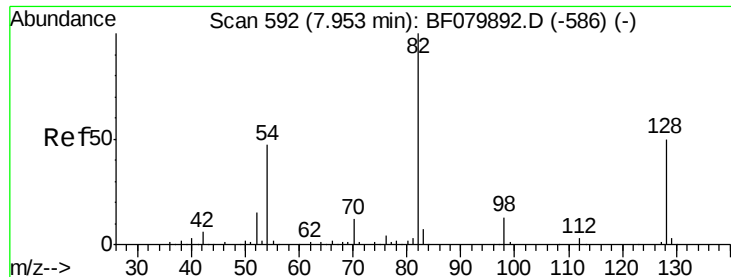
Lab File: BF079937.D

Acq: 12 Jun 2015 15:53



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159382		
71	10.1	1.0	1.4	
51	32.9	19.8	29.6	
120	20.2	17.6	26.4	





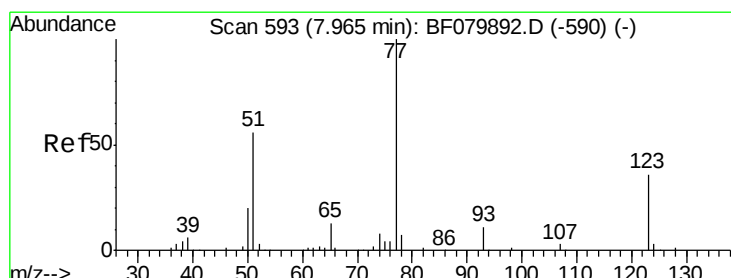
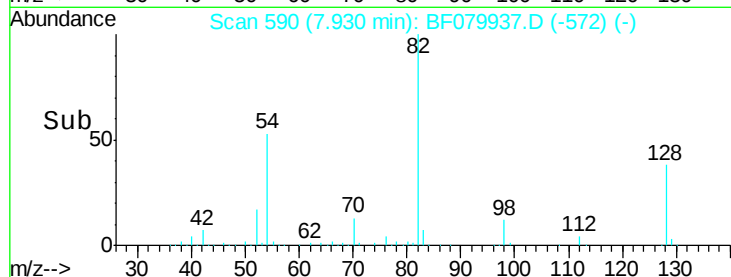
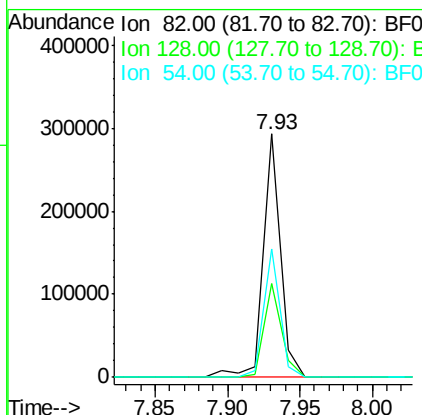
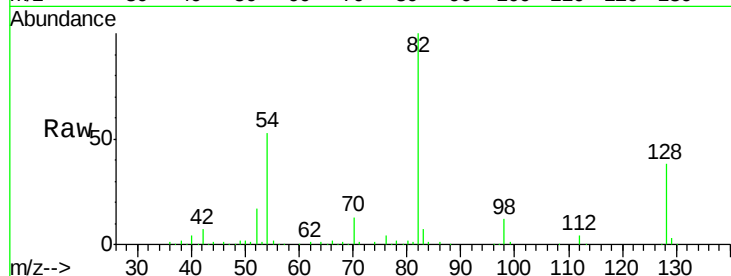
#23
 Nitrobenzene-d5
 Concen: 82.94 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	38.5	40.3	60.5#
54	52.8	38.0	57.0

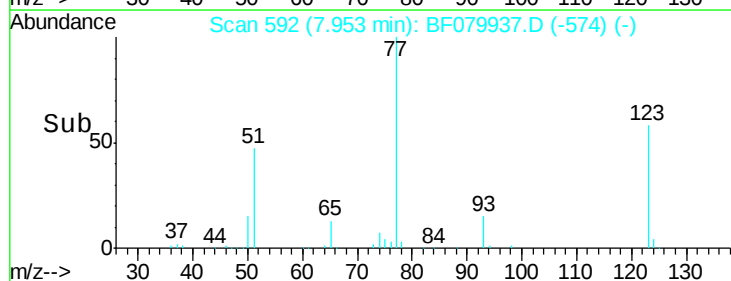
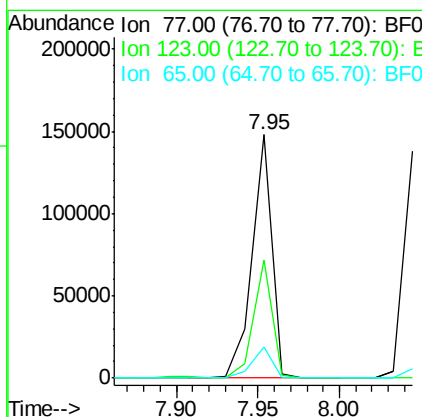
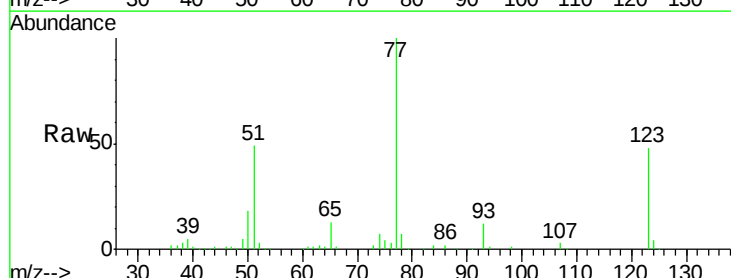
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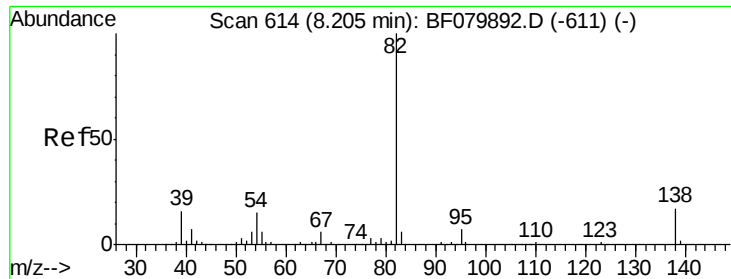
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#24
 Nitrobenzene
 Concen: 40.13 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	48.4	28.8	43.2#
65	12.6	10.3	15.5





#25

Isophorone

Concen: 32.40 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

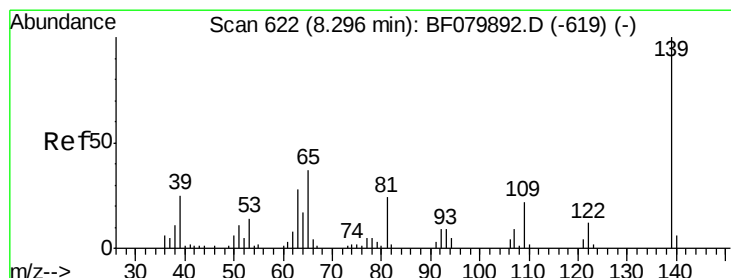
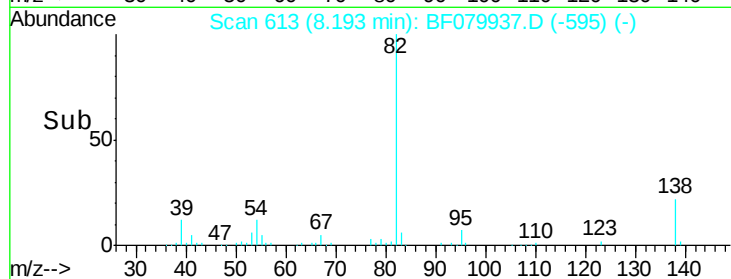
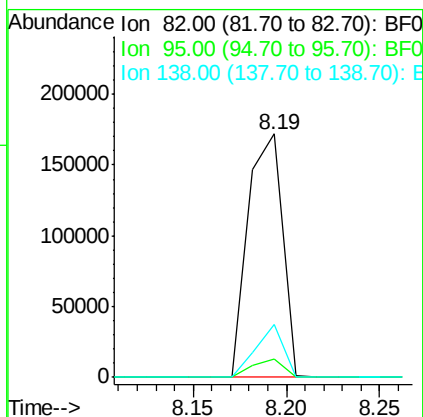
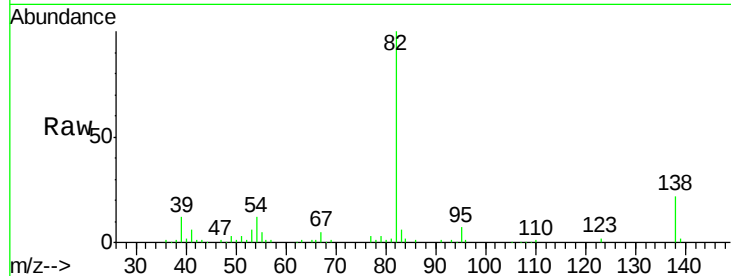
ClientSampleId :

PB83970BS

Tgt Ion:	82	Resp:	219801
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.2	7.8
138	22.0	13.3	19.9#

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#26

2-Nitrophenol

Concen: 41.06 ng

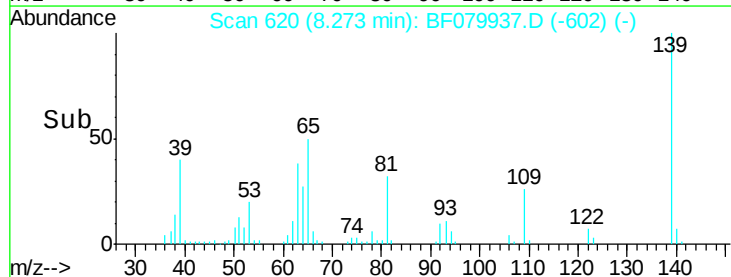
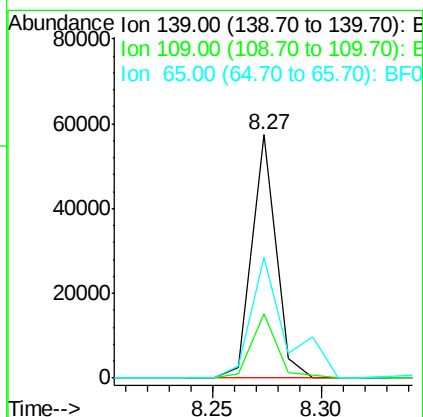
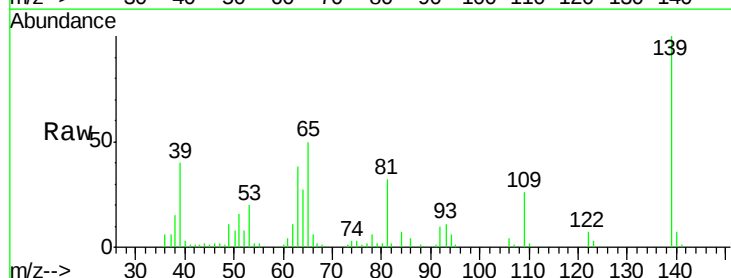
RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	139	Resp:	44282
Ion Ratio		Lower	Upper
139	100		
109	26.3	17.8	26.6
65	49.7	29.4	44.0#





#27

2,4-Dimethylphenol

Concen: 36.84 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

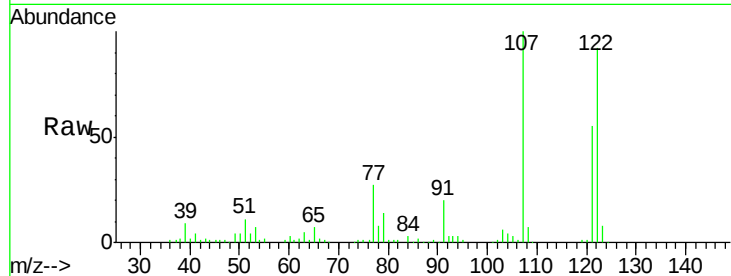
ClientSampleId :

PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112002		
107	108.6	91.7	137.5	
121	59.6	47.8	71.6	

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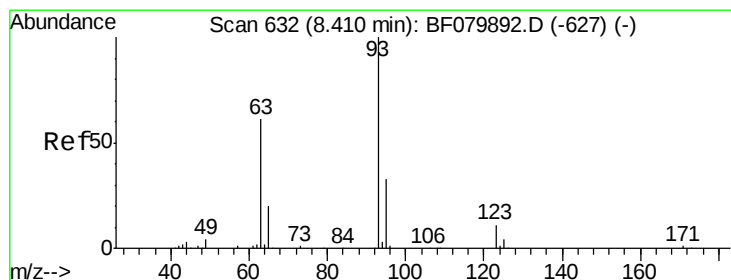
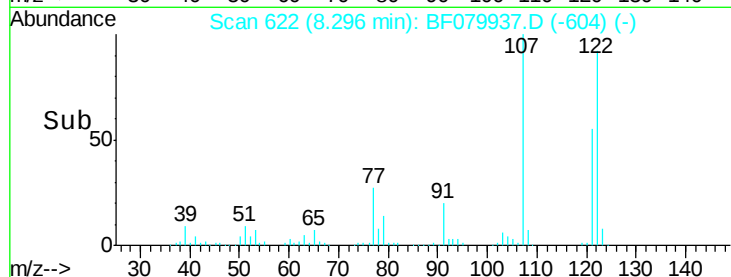
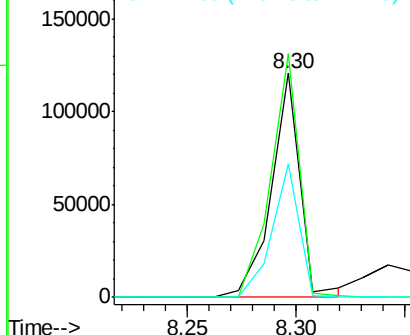
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.14 ng

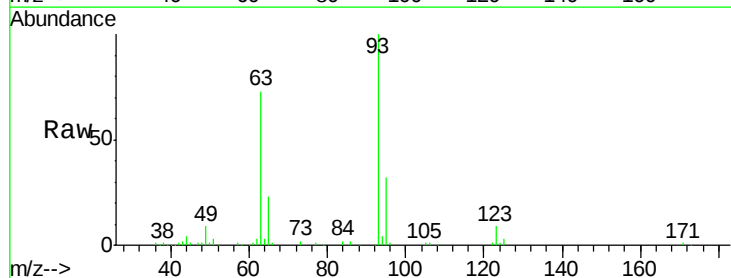
RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

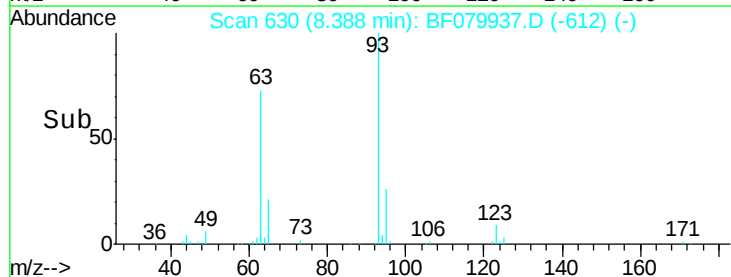
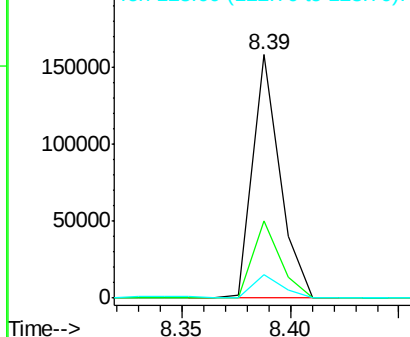
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137513		
95	31.7	26.1	39.1	
123	9.5	8.9	13.3	

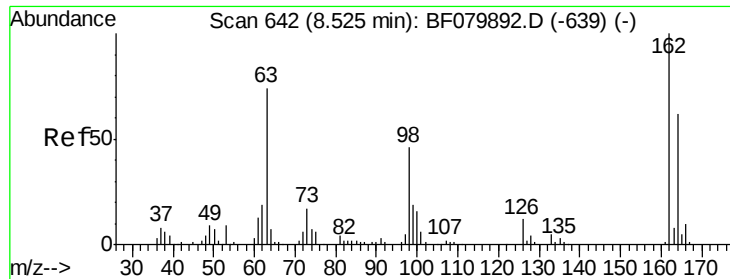


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





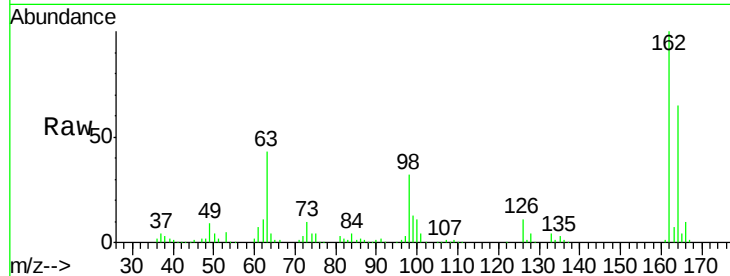
#29
2,4-Dichlorophenol
Concen: 42.14 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

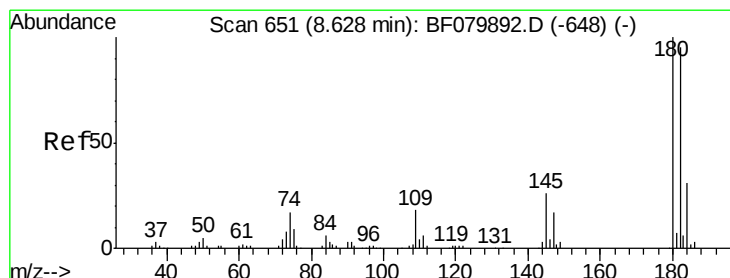
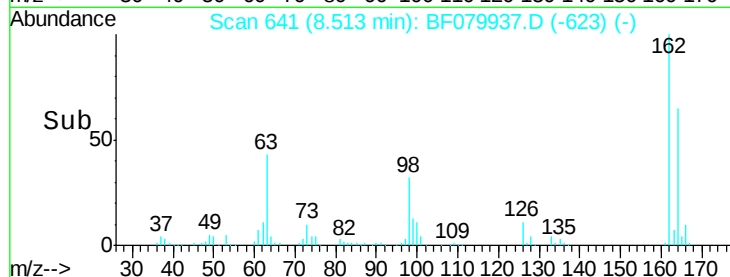
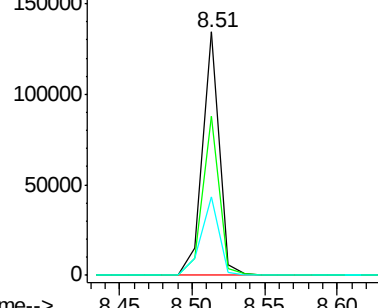
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.3	42.2	82.2
98	32.2	26.0	66.0

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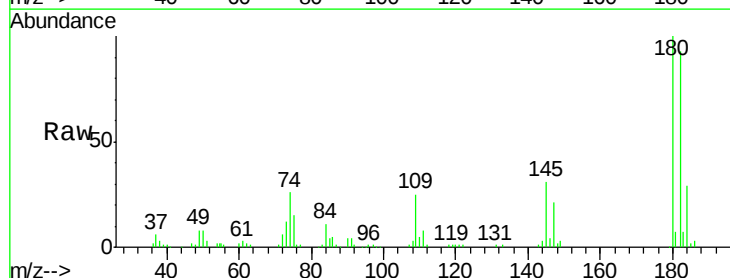


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

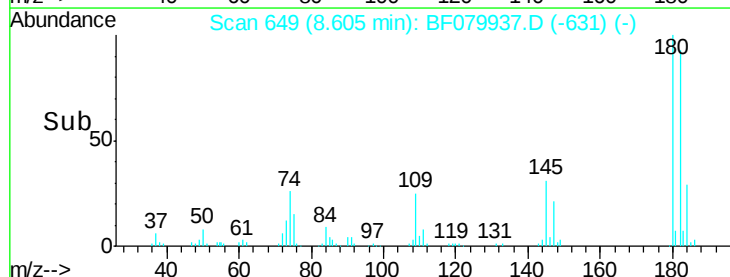
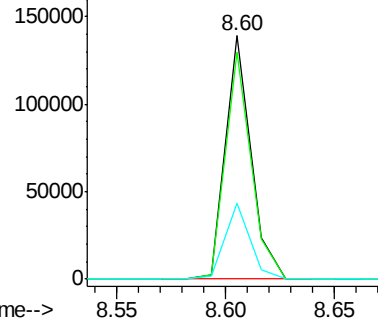


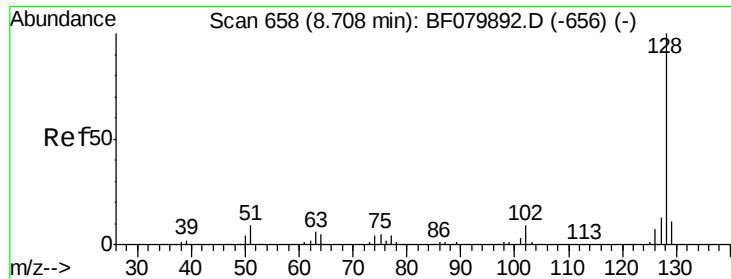
#30
1,2,4-Trichlorobenzene
Concen: 35.10 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.3	75.7	113.5
145	31.1	21.1	31.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





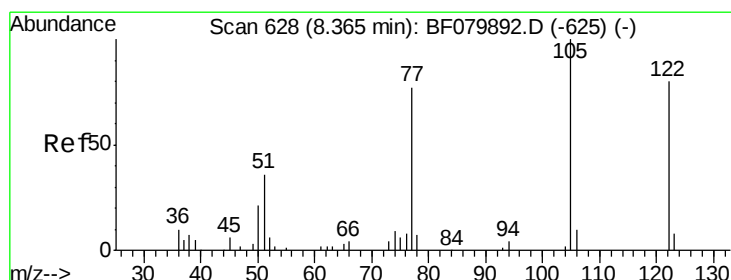
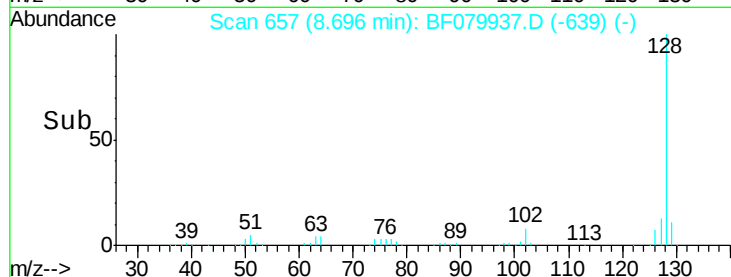
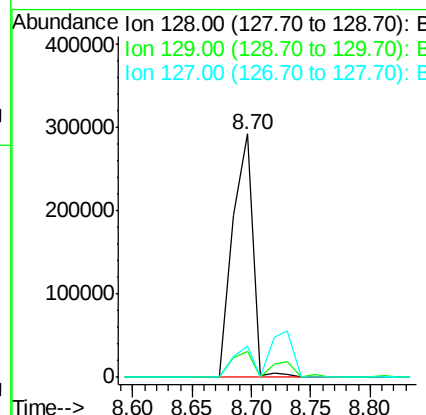
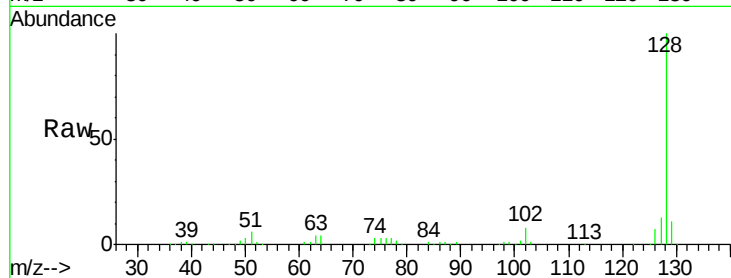
#31
Naphthalene
Concen: 32.52 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.5	15.7

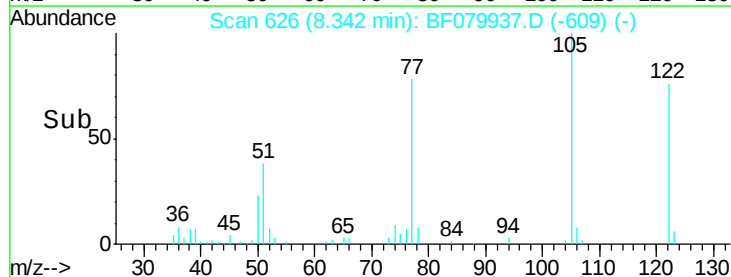
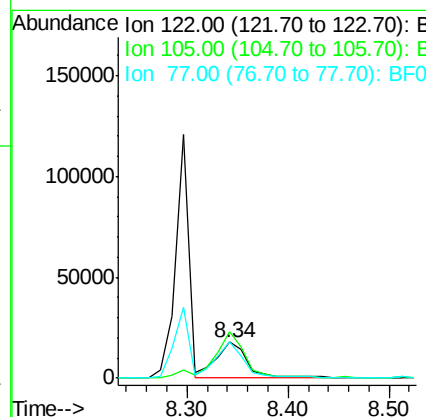
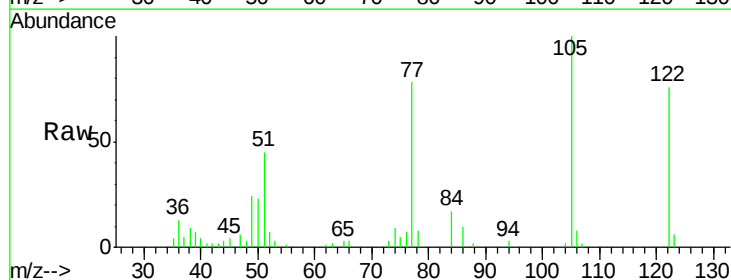
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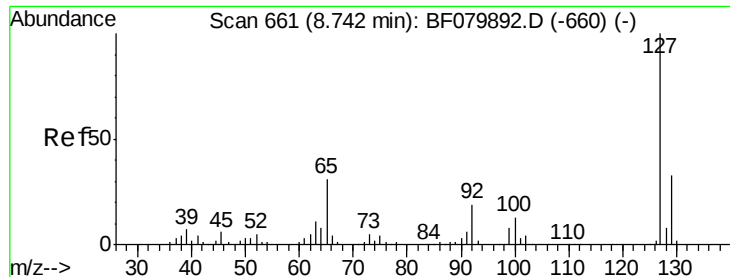
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#32
Benzoic acid
Concen: 35.86 ng m
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	131.3	102.7	142.7
77	102.8	77.1	117.1





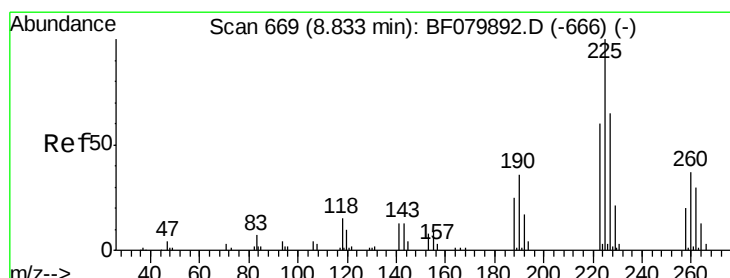
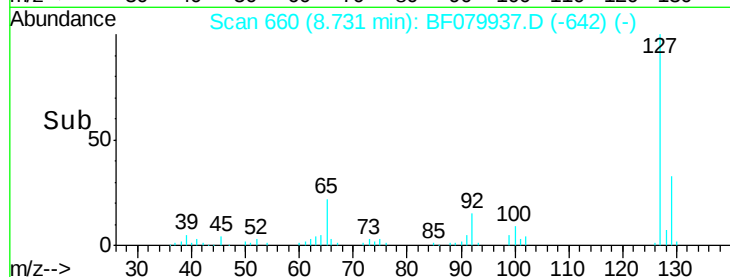
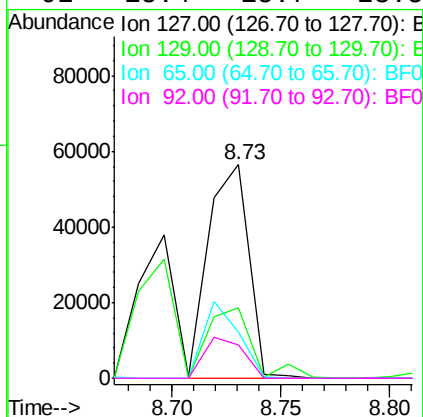
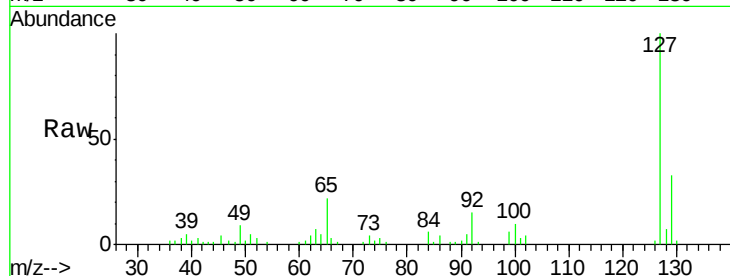
#33
4-Chloroaniline
Concen: 17.81 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	72660		
129	33.3	26.1	39.1	
65	21.8	25.5	38.3	
92	15.4	15.7	23.5	

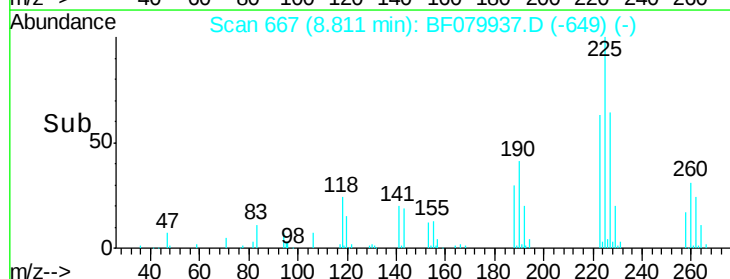
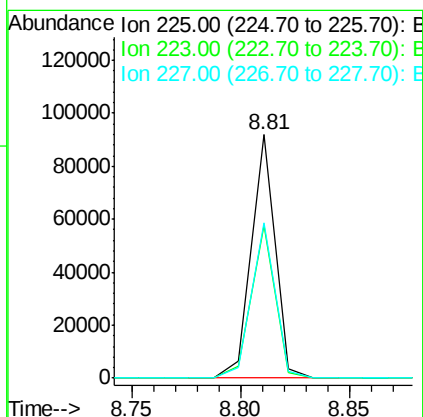
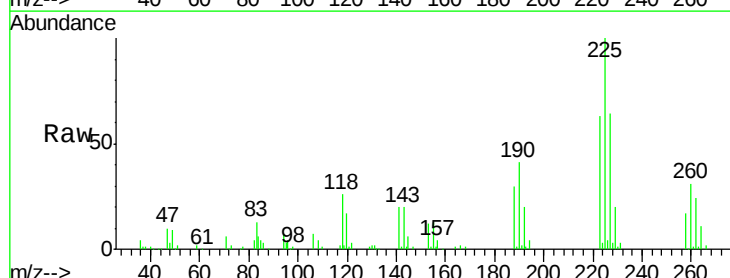
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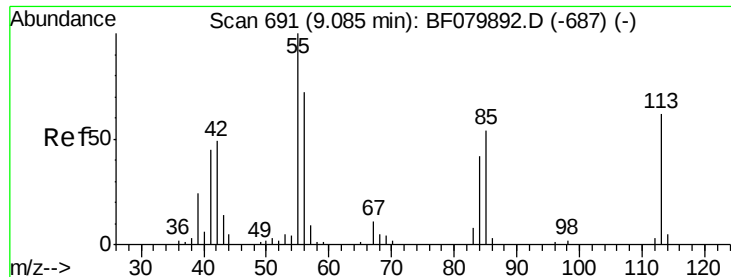
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#34
Hexachlorobutadiene
Concen: 38.89 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69858		
223	62.7	47.8	71.6	
227	63.9	52.0	78.0	





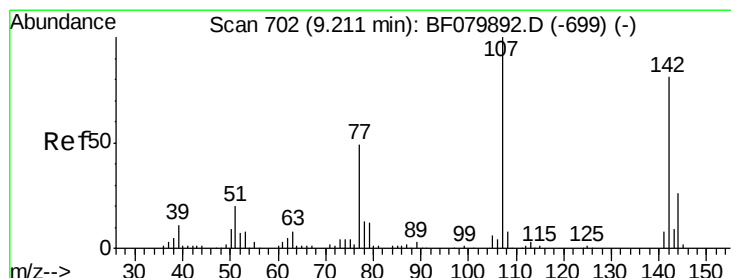
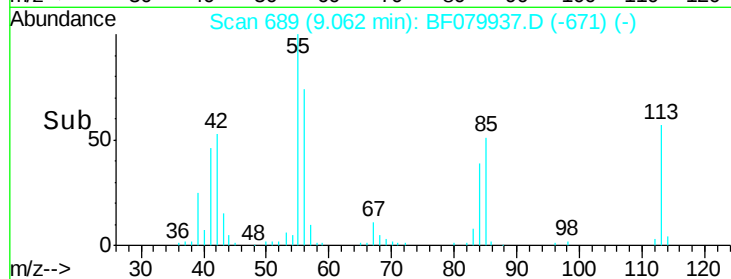
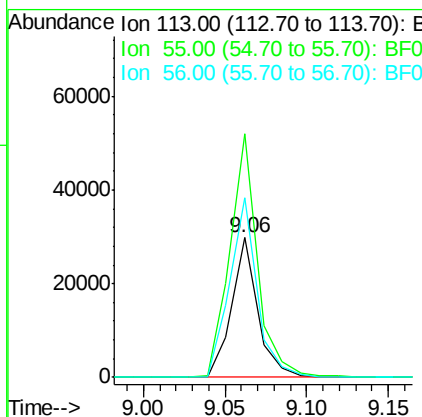
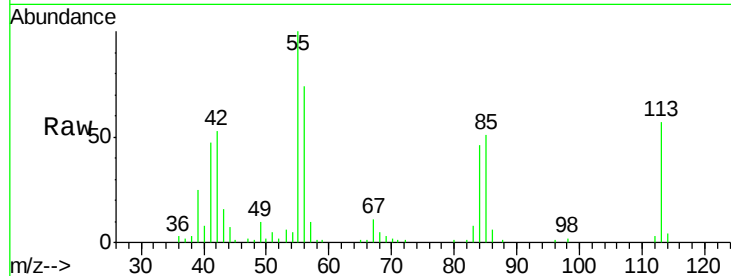
#35
 Caprolactam
 Concen: 40.69 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion:113 Resp: 32763
 Ion Ratio Lower Upper
 113 100
 55 174.3 141.4 181.4
 56 128.5 95.9 135.9

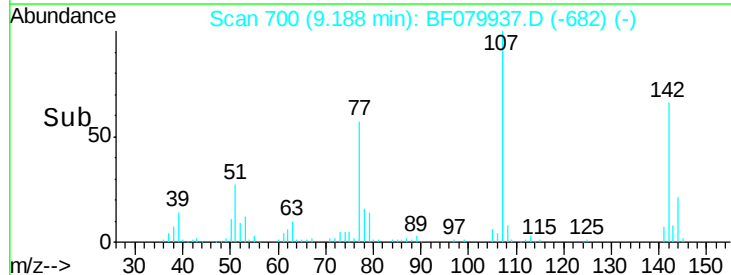
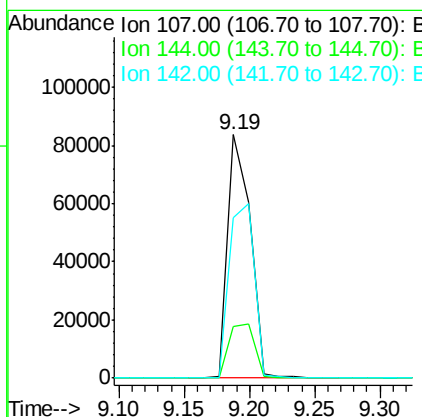
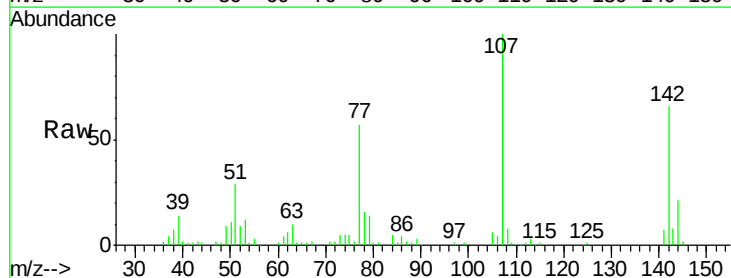
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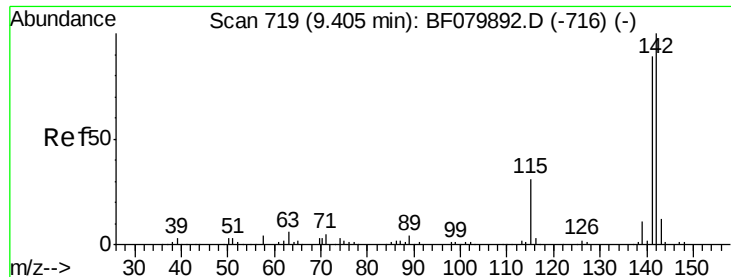
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#36
 4-Chloro-3-methylphenol
 Concen: 34.72 ng
 RT: 9.19 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion:107 Resp: 100999
 Ion Ratio Lower Upper
 107 100
 144 21.0 21.0 31.6#
 142 66.0 64.5 96.7





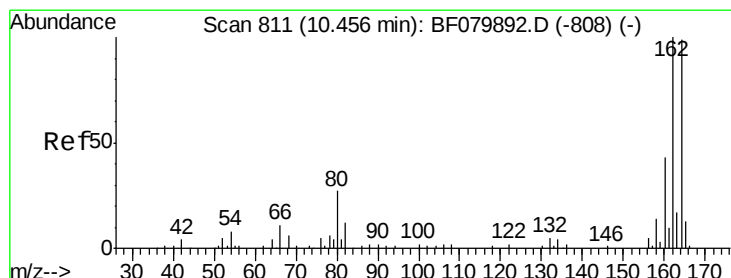
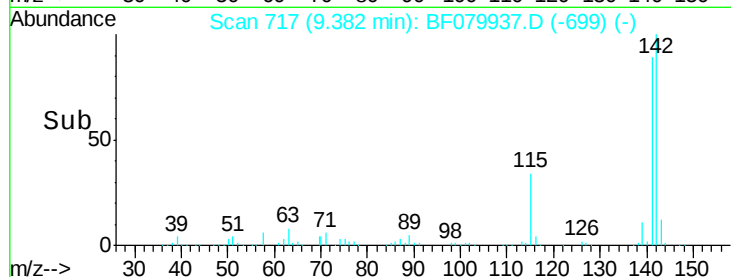
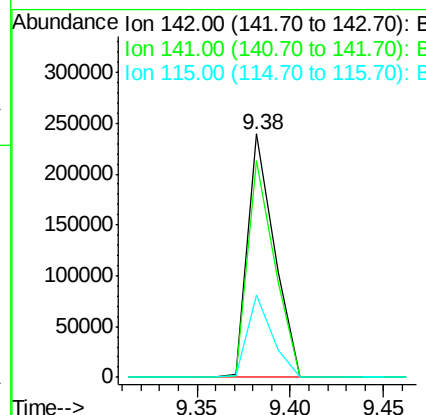
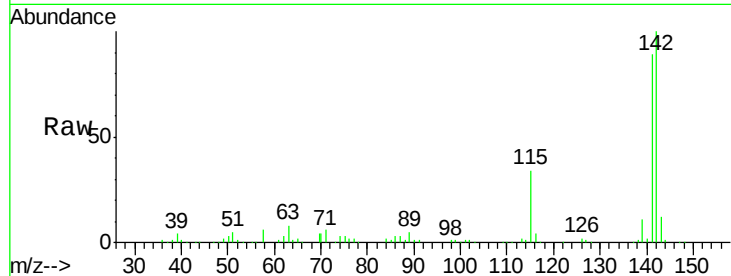
#37
 2-Methylnaphthalene
 Concen: 33.45 ng
 RT: 9.38 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	237562		
141	89.1	70.9	106.3	
115	34.0	25.0	37.4	

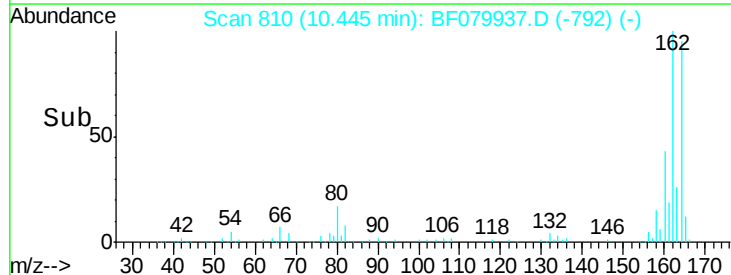
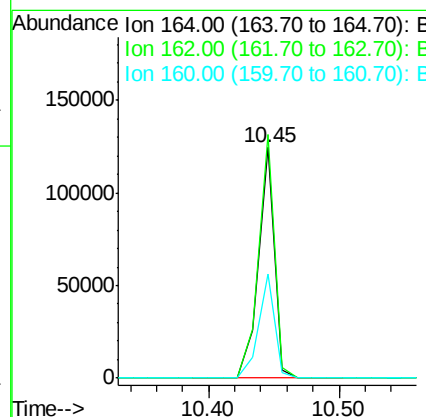
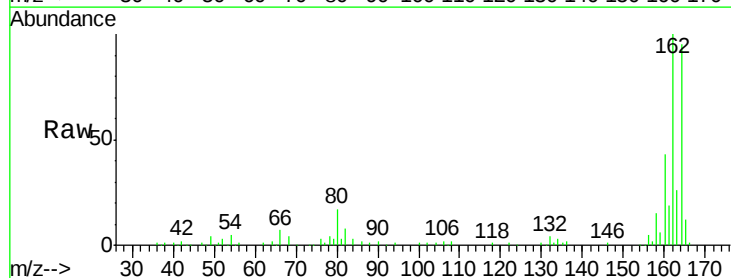
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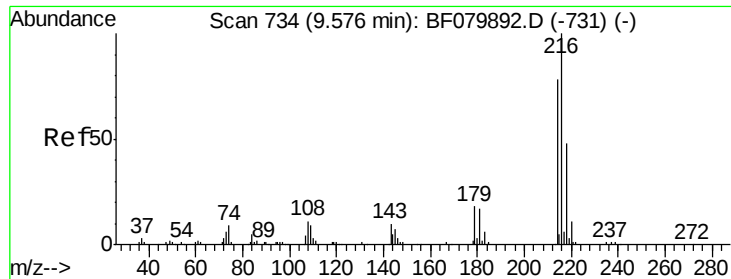
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106169		
162	105.7	80.7	121.1	
160	45.1	34.6	51.8	





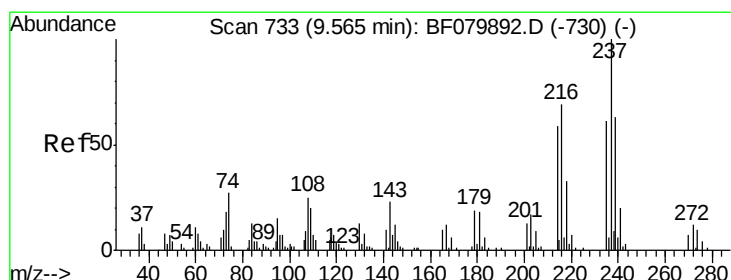
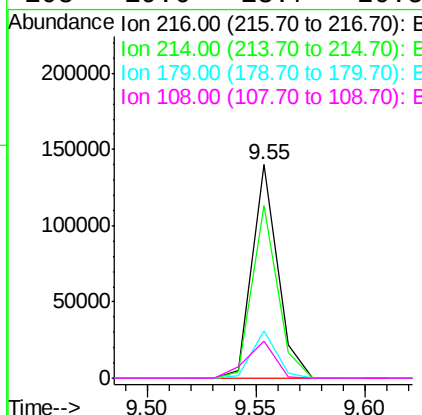
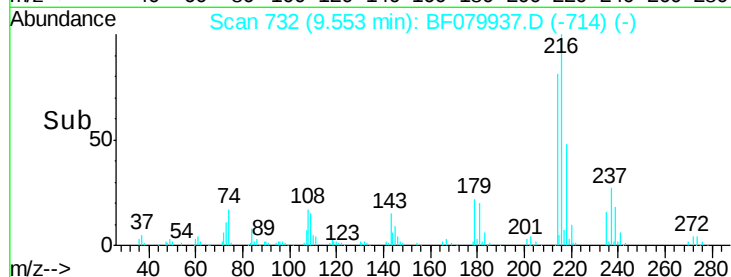
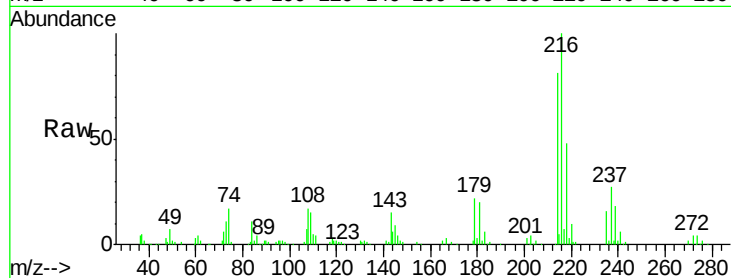
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.27 ng
 RT: 9.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Manual Integrations
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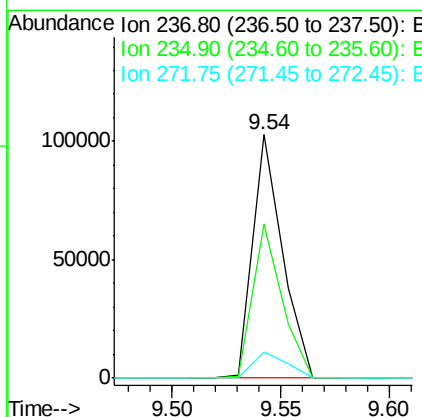
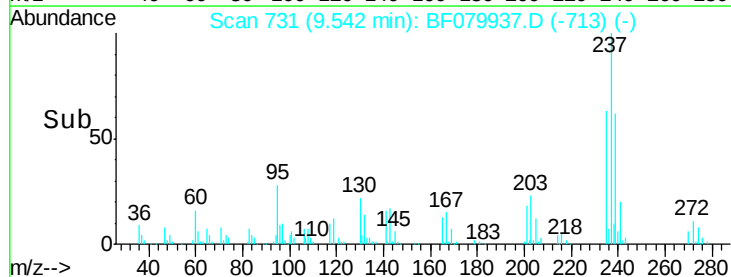
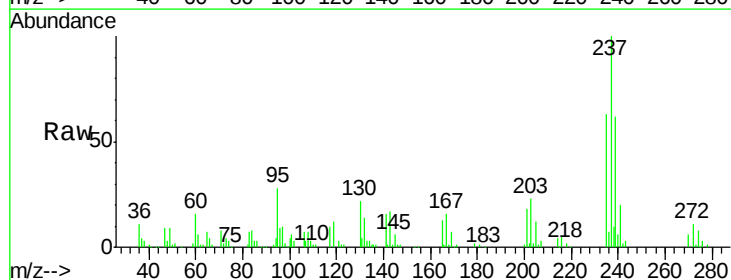
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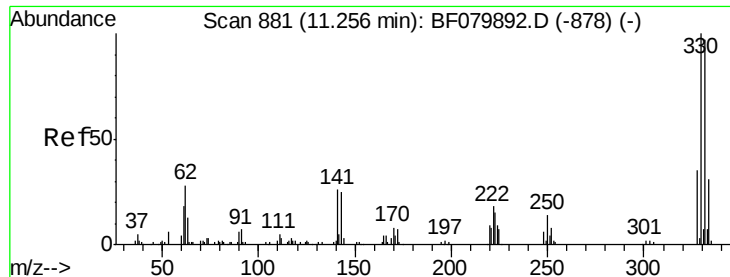
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	114750		
214	79.7	63.5	95.3	
179	21.4	15.8	23.8	
108	19.6	13.7	20.5	



#40
 Hexachlorocyclopentadiene
 Concen: 66.71 ng
 RT: 9.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	97276		
235	63.3	41.3	81.3	
272	10.9	0.0	32.2	





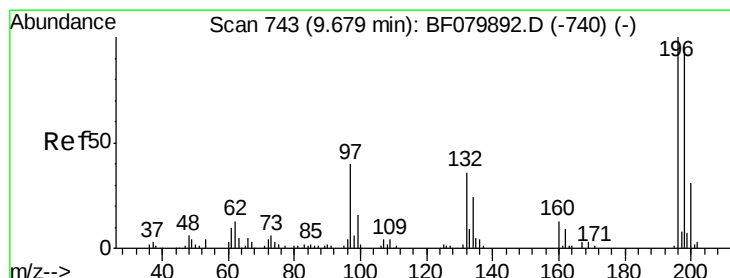
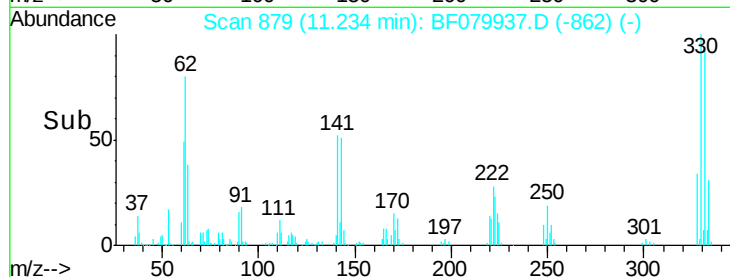
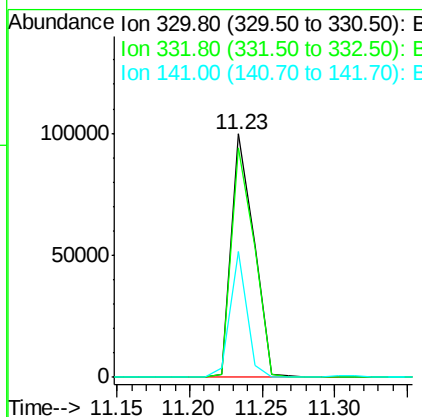
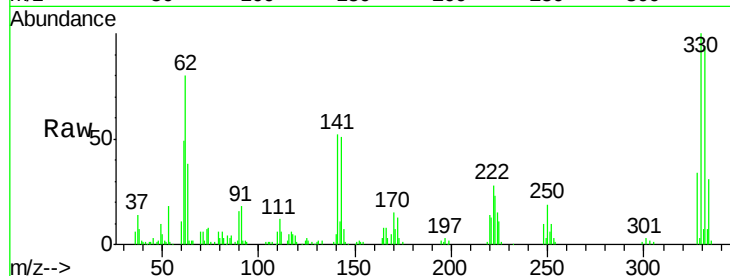
#41
 2,4,6-Tribromophenol
 Concen: 101.25 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	107553		
332	95.9	77.3	115.9	
141	38.8	26.8	40.2	

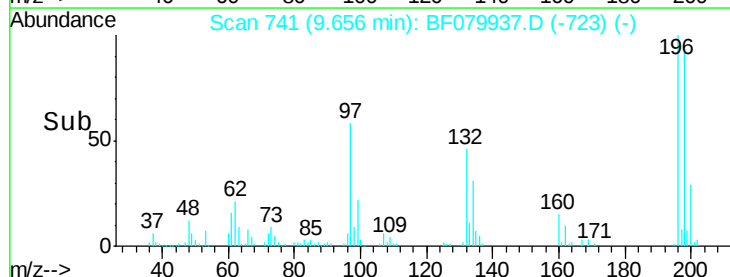
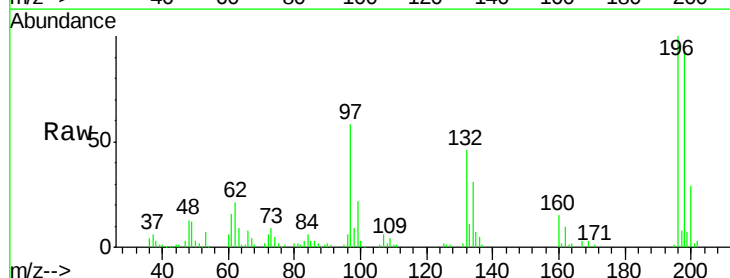
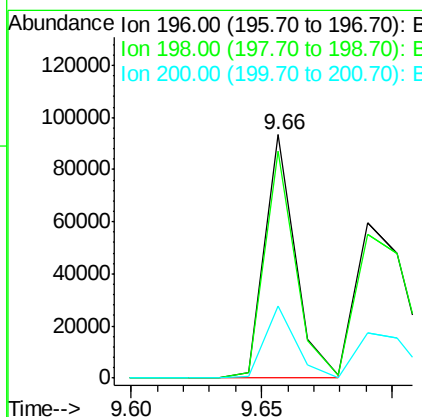
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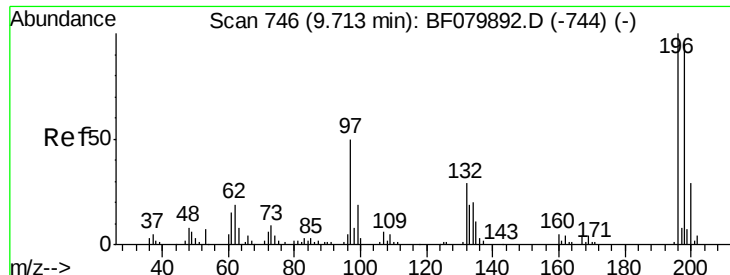
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#42
 2,4,6-Trichlorophenol
 Concen: 35.01 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

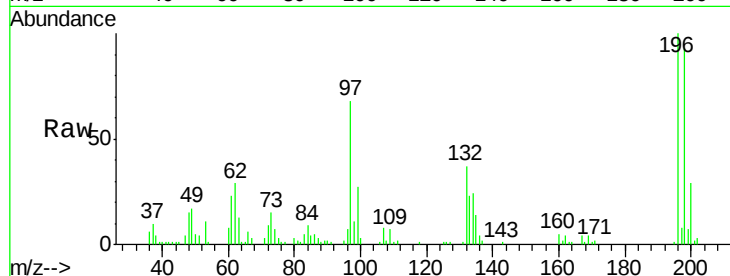
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76701		
198	93.4	76.0	114.0	
200	29.4	24.9	37.3	





#43
 2,4,5-Trichlorophenol
 Concen: 31.36 ng
 RT: 9.69 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

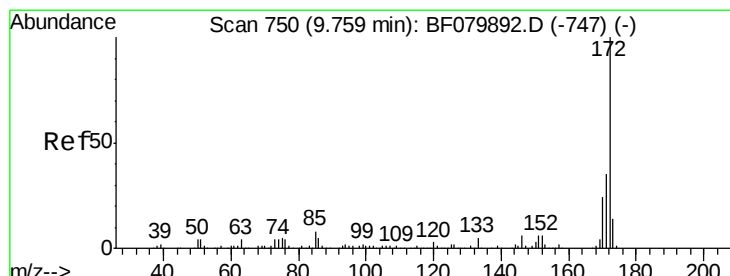
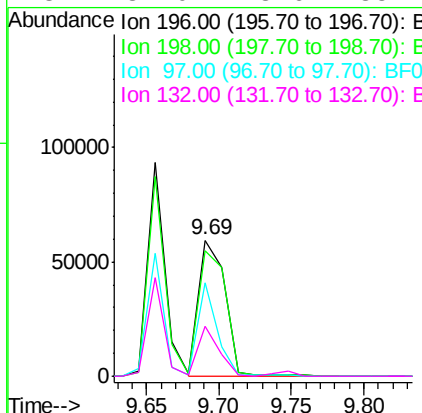
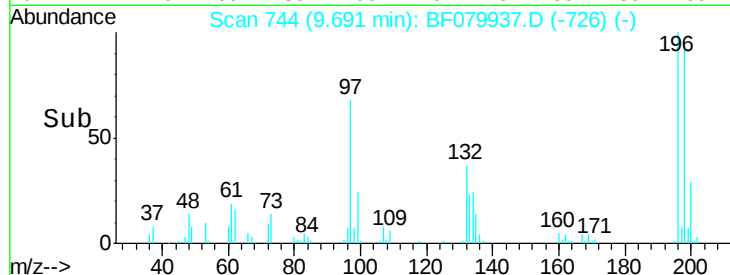
Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	75835		
198	92.5	76.0	114.0	
97	68.4	39.4	59.2	#
132	37.0	23.6	35.4	#

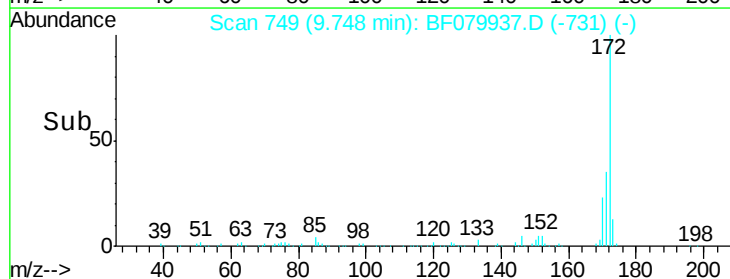
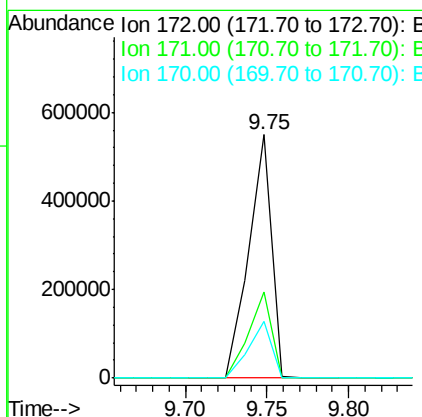
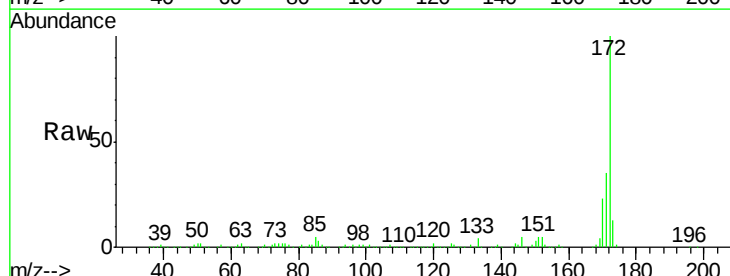
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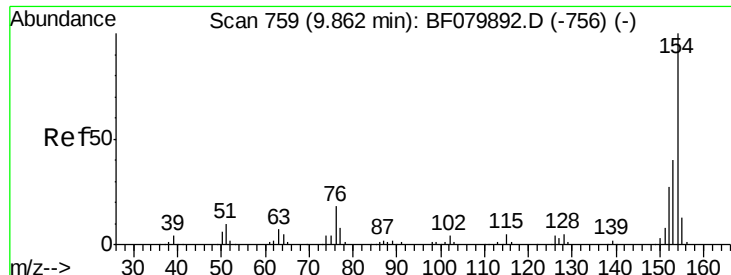
apatel
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#44
 2-Fluorobiphenyl
 Concen: 70.27 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	532817		
171	35.5	28.3	42.5	
170	23.2	19.0	28.4	





#45

1,1'-Biphenyl

Concen: 36.35 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079937.D

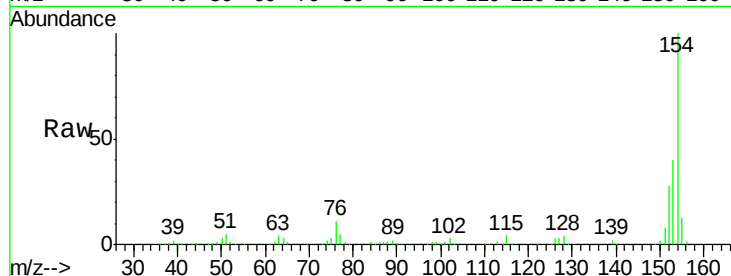
Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

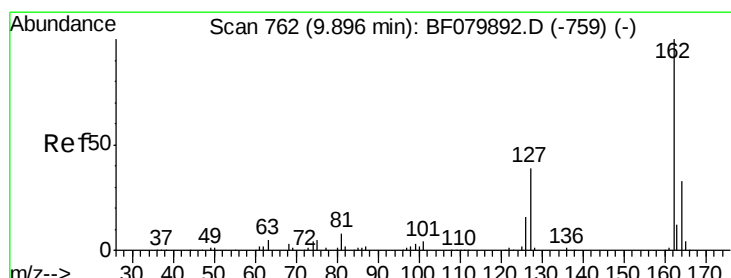
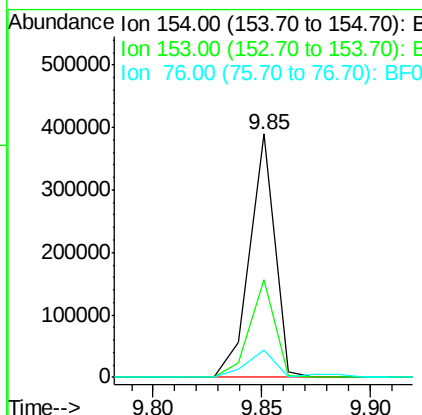
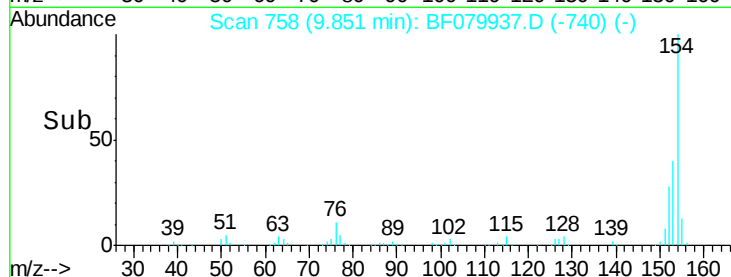
PB83970BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	312297		
153	40.1	20.1	60.1	
76	11.1	0.0	38.4	

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#46

2-Chloronaphthalene

Concen: 31.13 ng

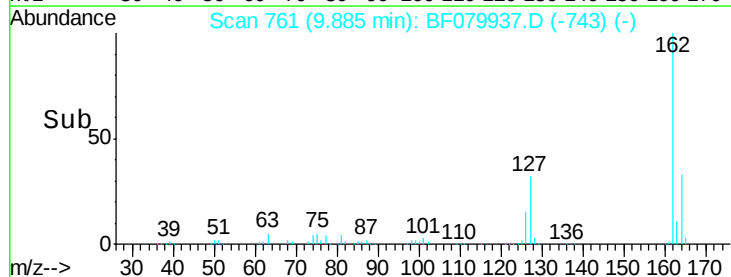
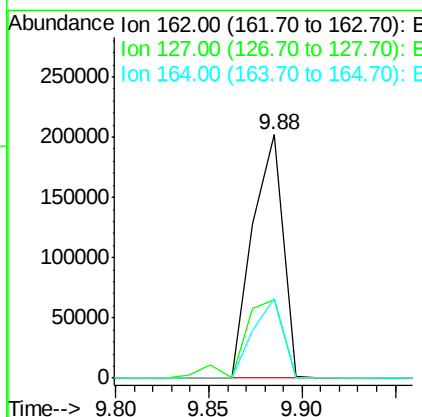
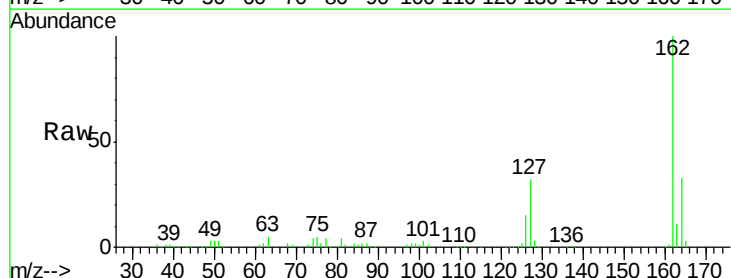
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	227699		
127	32.3	33.1	49.7#	
164	32.6	26.2	39.4	





#47

2-Nitroaniline

Concen: 35.15 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079937.D

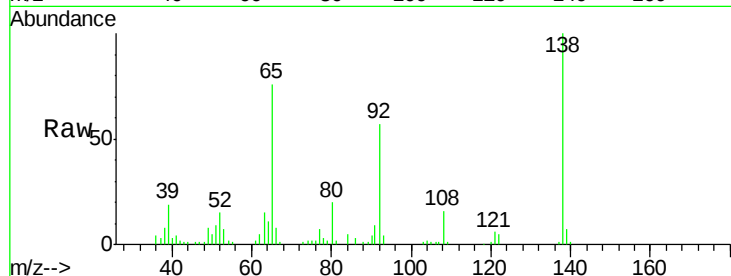
Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

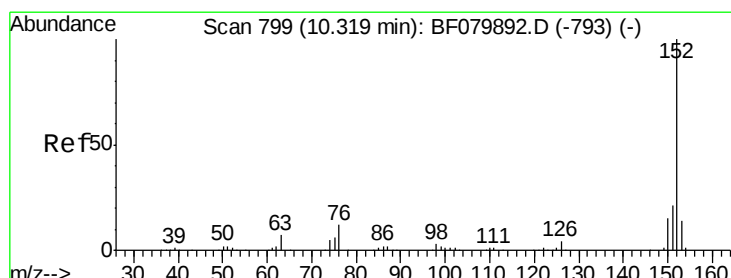
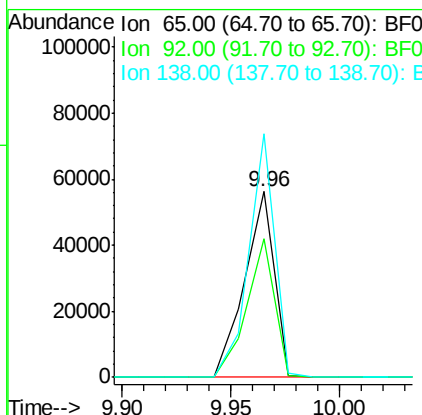
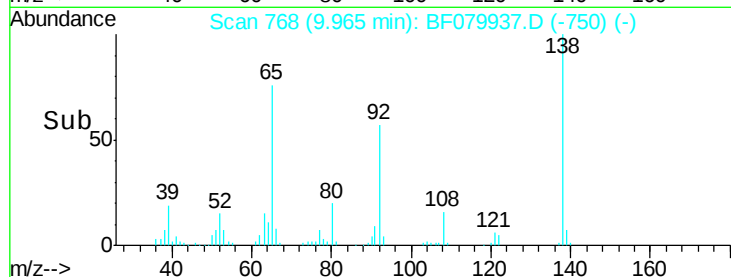
PB83970BS



Tgt Ion:	65	Resp:	53249
Ion Ratio	Lower	Upper	
65	100		
92	74.5	51.1	76.7
138	131.3	62.0	93.0#

Manual Integrations
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#48

Acenaphthylene

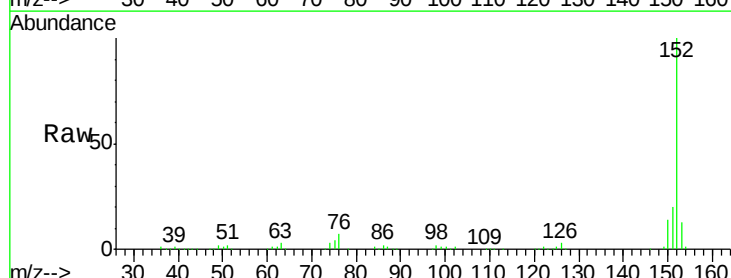
Concen: 30.38 ng

RT: 10.31 min Scan# 798

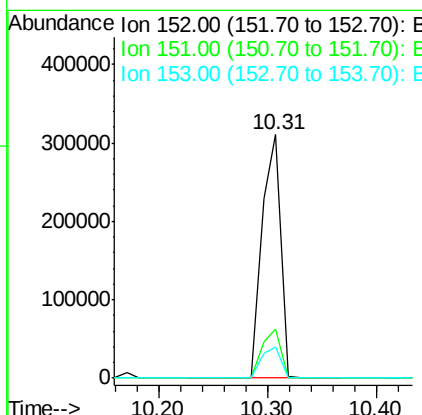
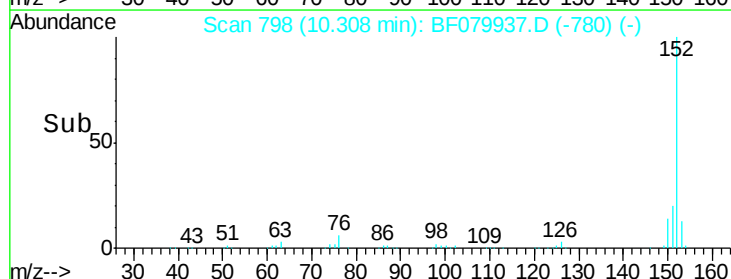
Delta R.T. 0.00 min

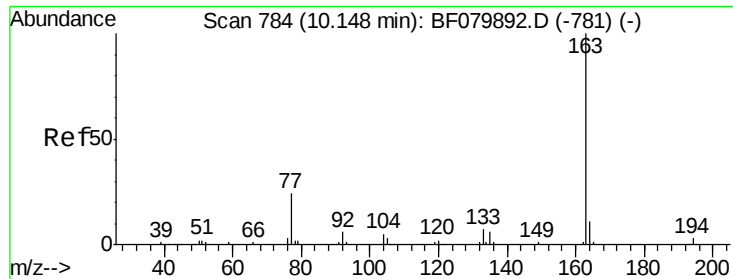
Lab File: BF079937.D

Acq: 12 Jun 2015 15:53



Tgt Ion:	152	Resp:	375199
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	12.6	10.8	16.2





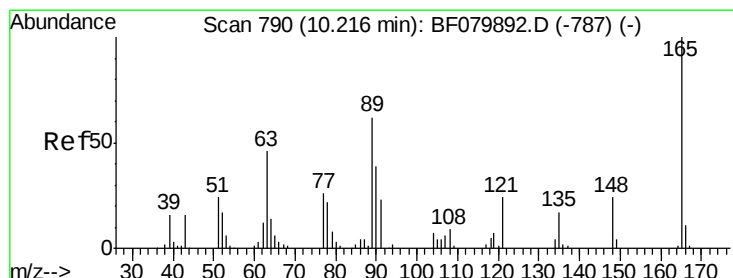
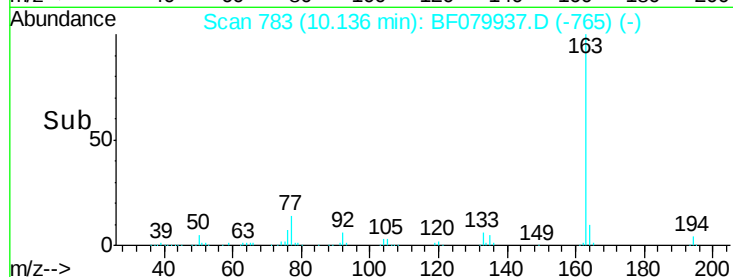
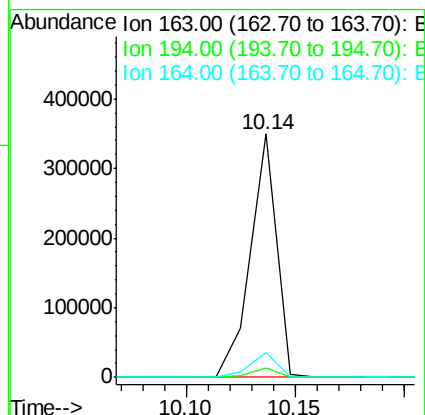
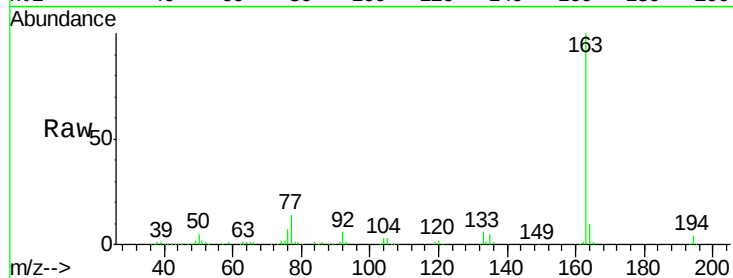
#49
Dimethylphthalate
Concen: 34.22 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.6	4.0
164	10.0	8.6	12.8

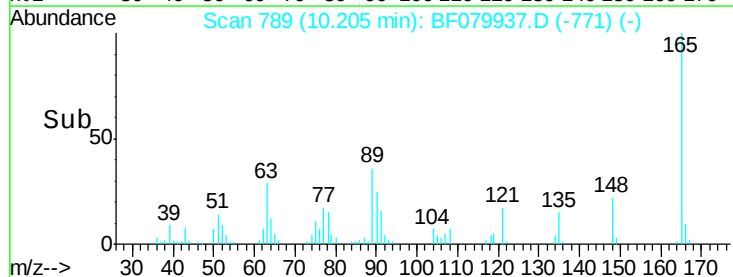
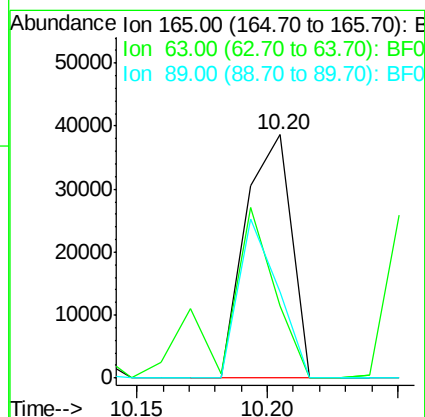
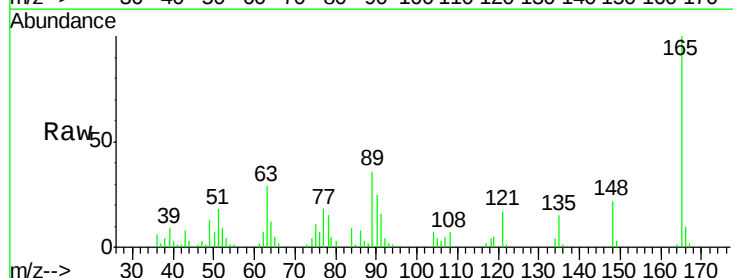
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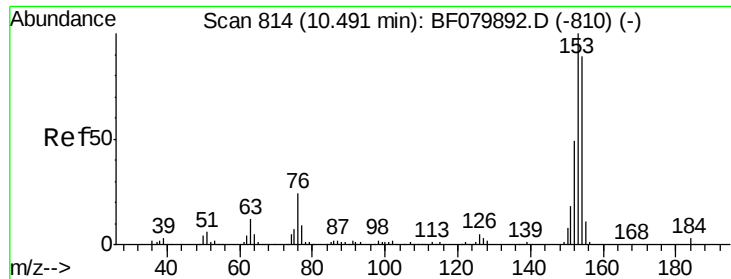
apatel
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#50
2,6-Dinitrotoluene
Concen: 31.64 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	29.4	46.4	69.6#
89	35.5	49.6	74.4#





#51

Acenaphthene

Concen: 33.80 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

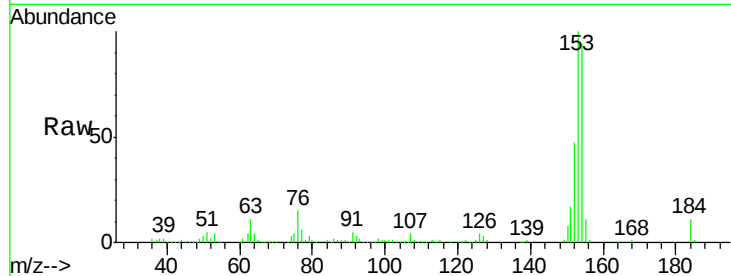
ClientSampleId :

PB83970BS

Tgt Ion:	154	Resp:	237254
Ion Ratio	Lower	Upper	
154	100		
153	105.9	90.0	135.0
152	49.5	43.7	65.5

Manual Integrations
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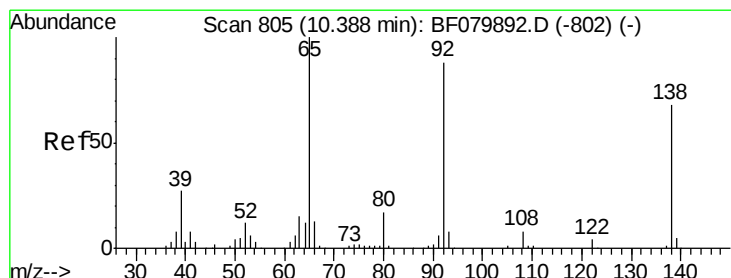
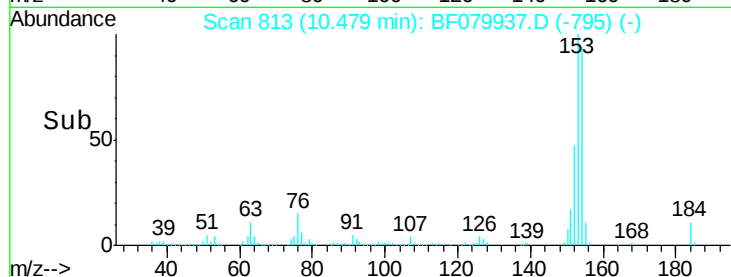
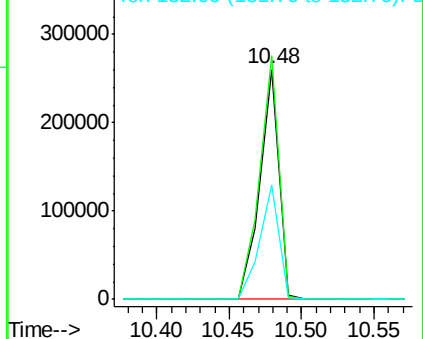
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.70 ng

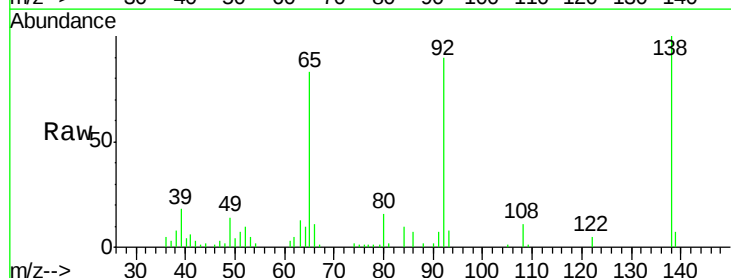
RT: 10.38 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

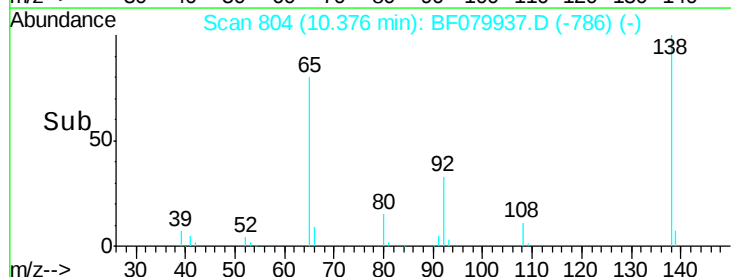
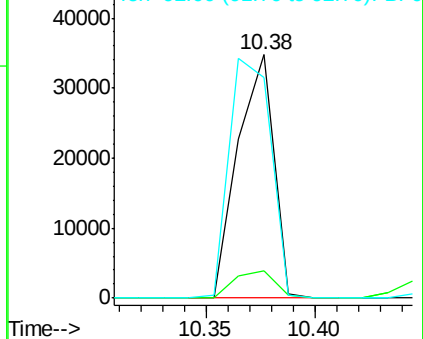
Tgt Ion:	138	Resp:	39851
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.0	13.6
92	90.4	103.1	154.7#

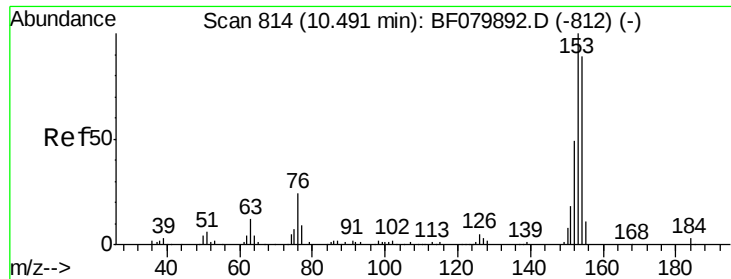


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





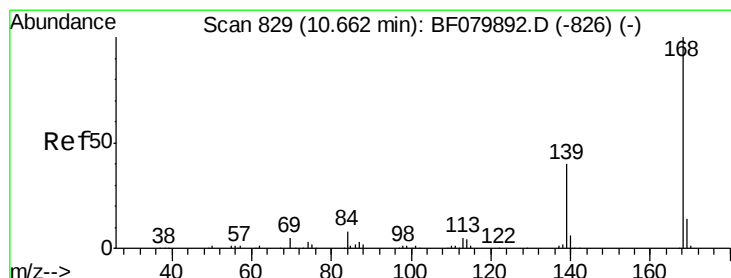
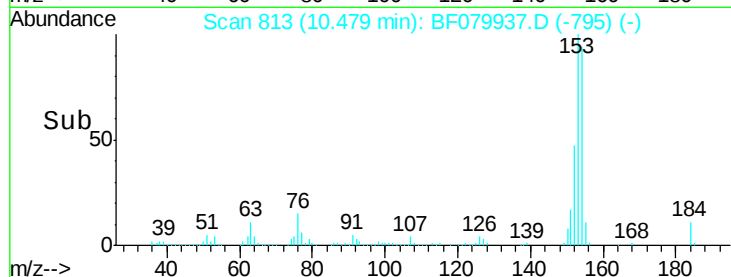
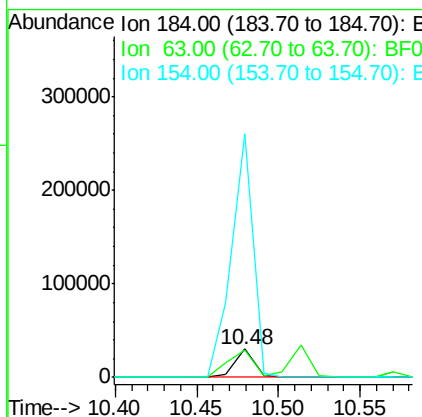
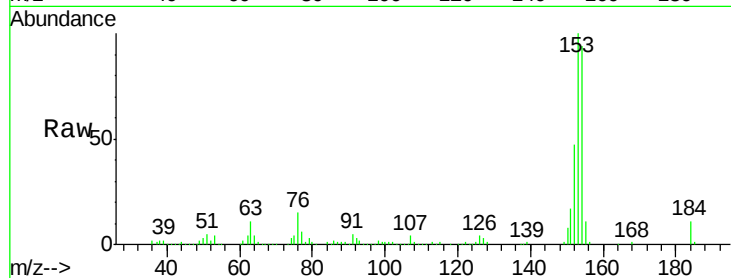
#53
 2,4-Dinitrophenol
 Concen: 78.09 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.1	357.0	535.4#
154	864.8	2660.2	3990.

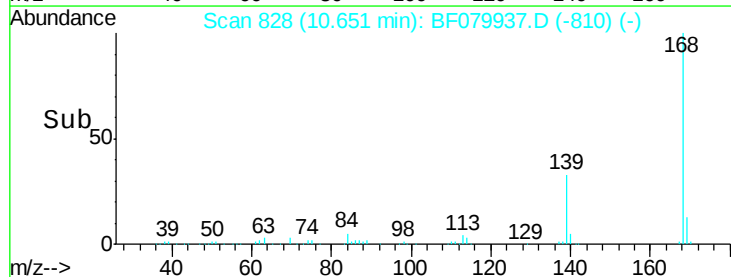
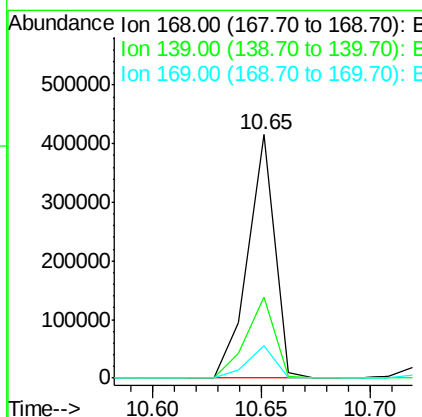
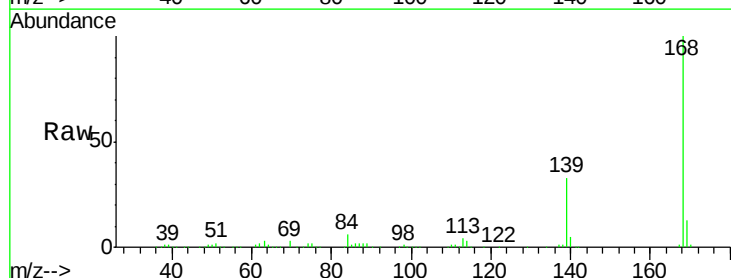
Manual Integrations
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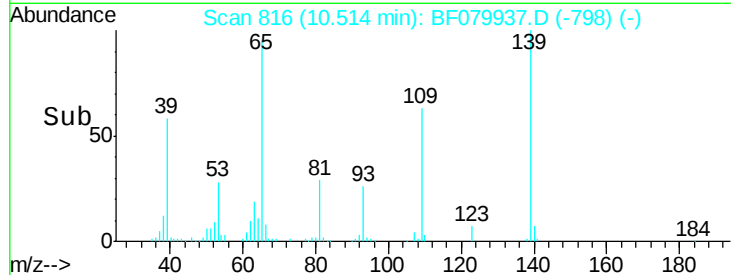
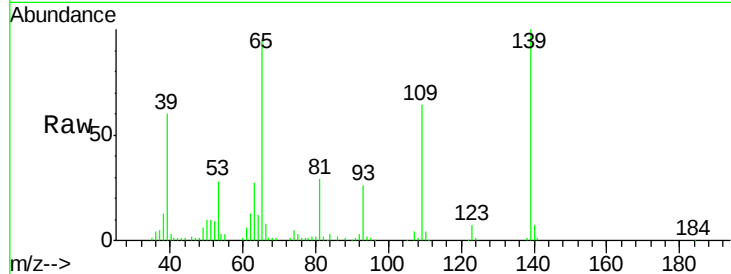
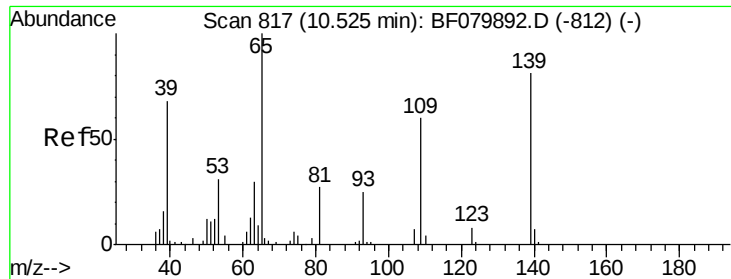
apatel
 6/15/2015 12:43:22 PM



#54
 Dibenzofuran
 Concen: 34.81 ng
 RT: 10.65 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.3	32.2	48.2
169	13.3	11.0	16.6





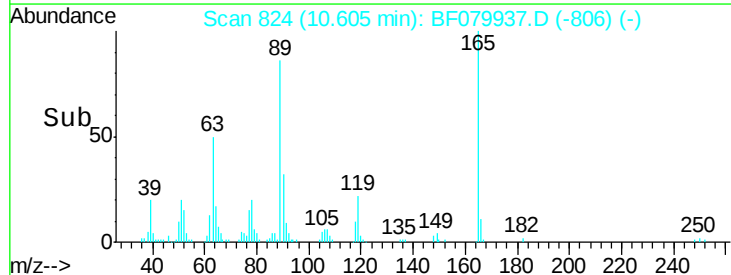
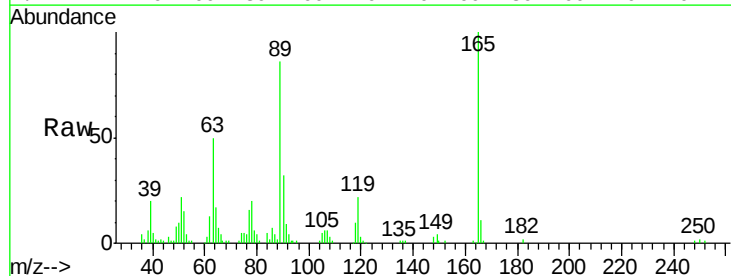
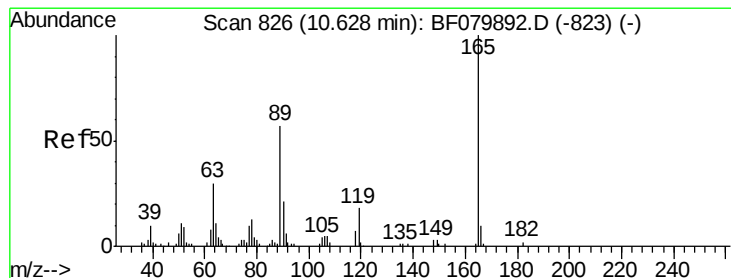
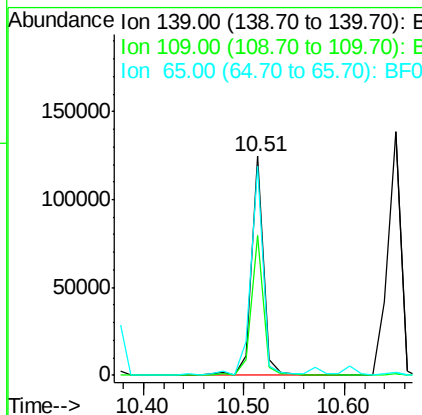
#55
4-Nitrophenol
Concen: 76.15 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	103213		
109	63.6	54.8	94.8	
65	95.3	104.8	144.8	

Instrument :
BNA_F
ClientSampleId :
PB83970BS

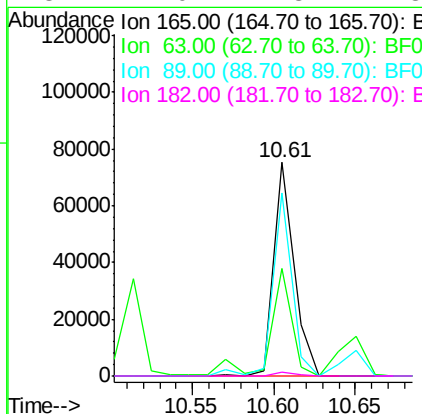
Manual Integrations
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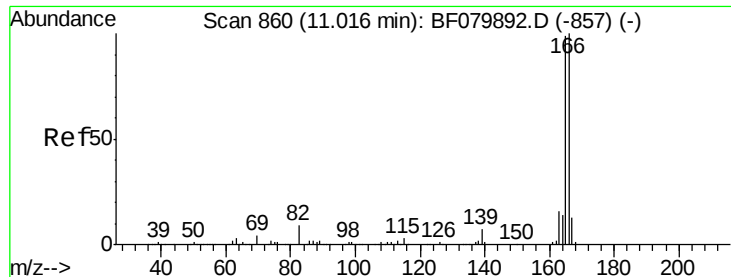
apatel
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#56
2,4-Dinitrotoluene
Concen: 33.44 ng
RT: 10.61 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	65539		
63	50.3	24.3	36.5	
89	85.7	45.4	68.2	
182	2.0	1.8	2.8	





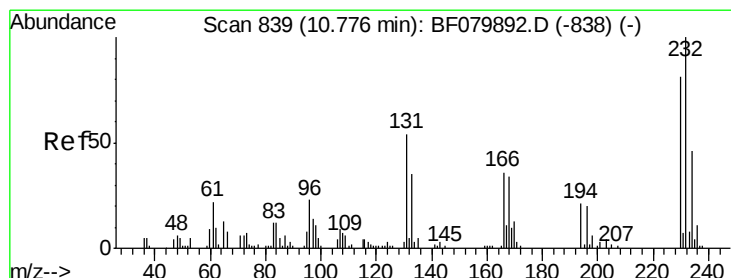
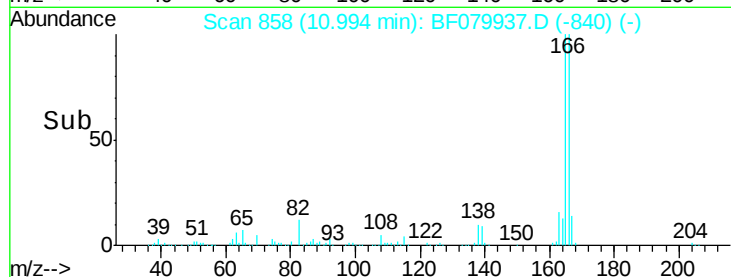
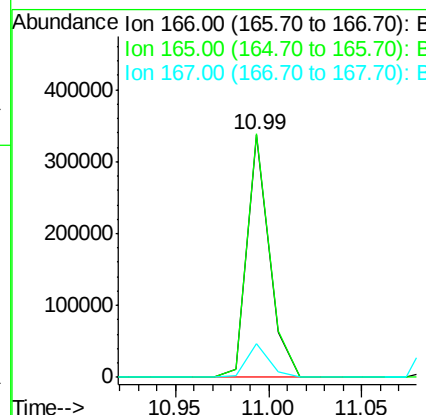
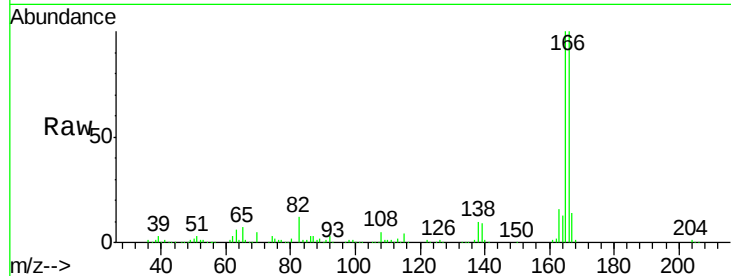
#57
 Fluorene
 Concen: 31.55 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	282029		
165	100.3	79.0	118.6	
167	13.8	10.3	15.5	

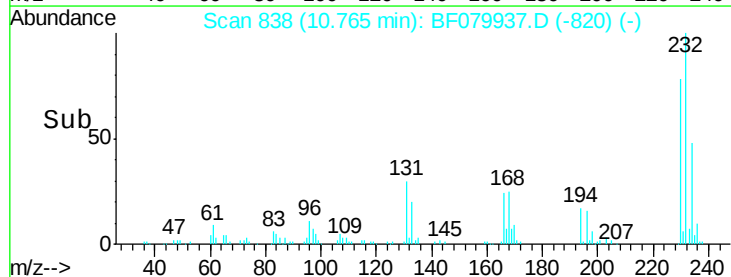
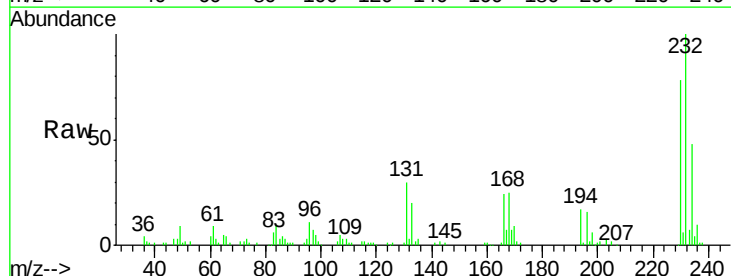
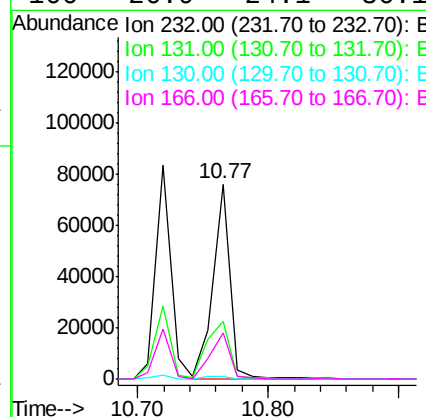
Manual Integrations
 APPROVED

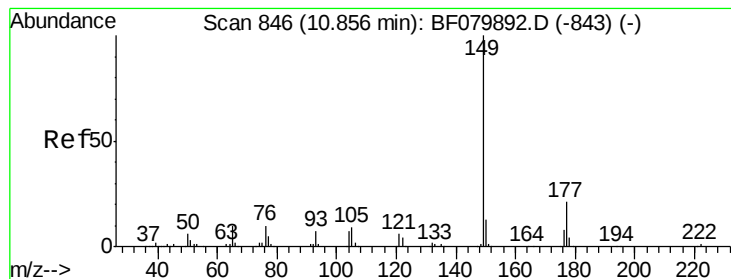
apatel
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.85 ng
 RT: 10.77 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69378		
131	39.5	35.4	53.2	
130	1.9	1.5	2.3	
166	26.9	24.1	36.1	





#59

Diethylphthalate

Concen: 32.46 ng

RT: 10.85 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

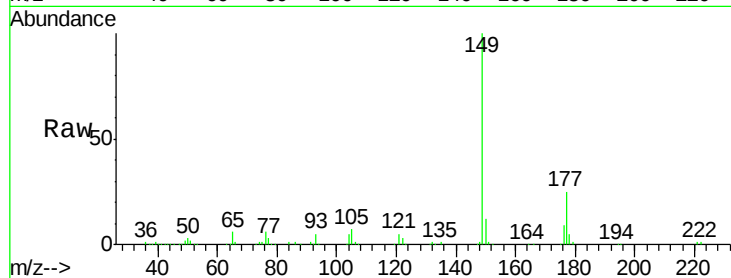
ClientSampleId :

PB83970BS

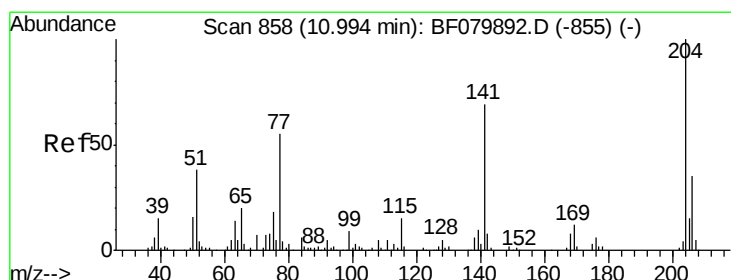
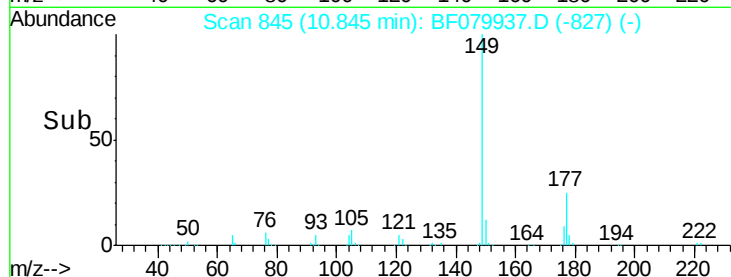
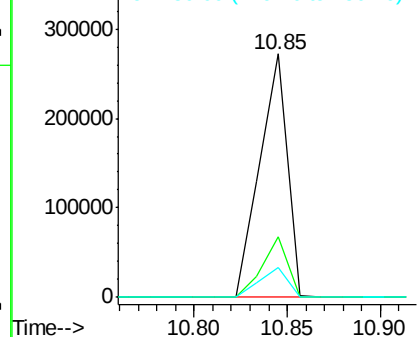
Tgt Ion:	149	Resp:	276081
Ion Ratio	Lower	Upper	
149	100		
177	25.0	16.9	25.3
150	12.3	10.4	15.6

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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: 34.23 ng

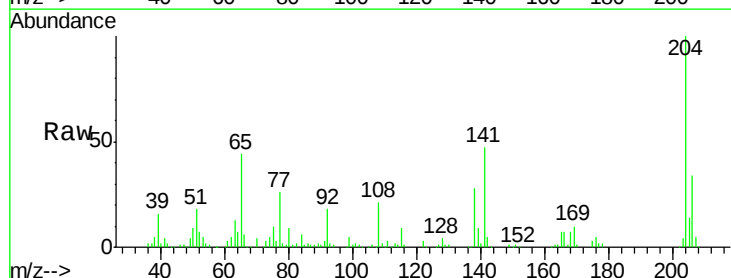
RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

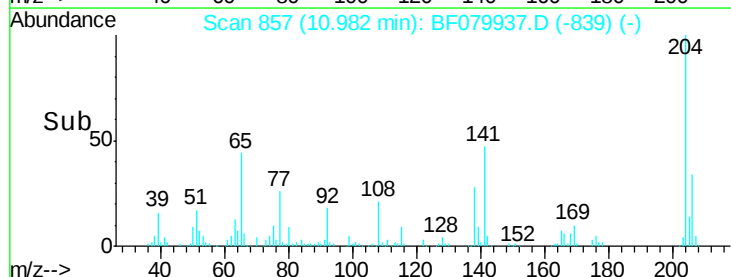
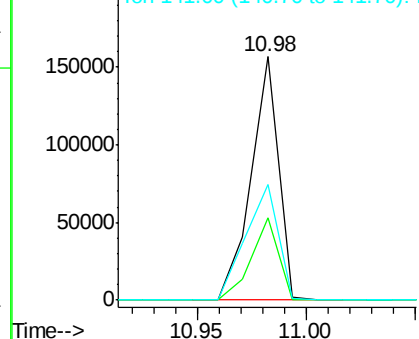
Lab File: BF079937.D

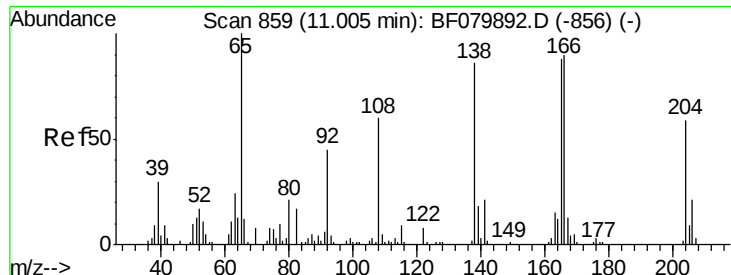
Acq: 12 Jun 2015 15:53

Tgt Ion:	204	Resp:	136639
Ion Ratio	Lower	Upper	
204	100		
206	34.0	28.0	42.0
141	47.3	55.3	82.9#



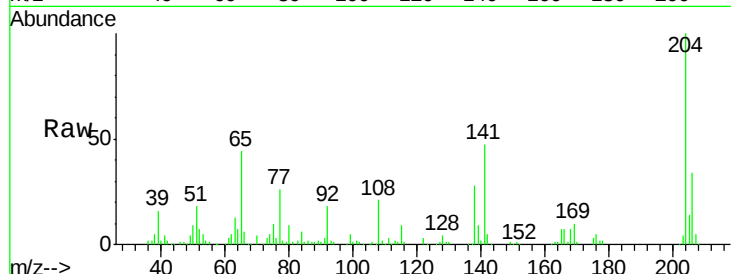
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 28.51 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

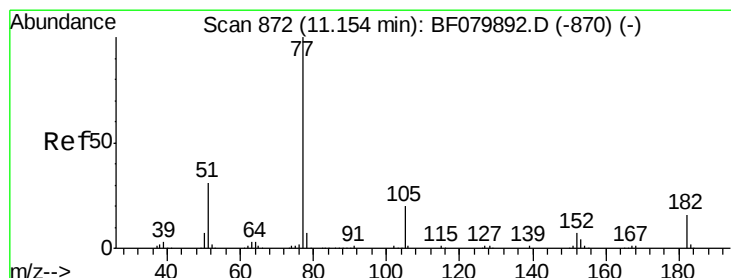
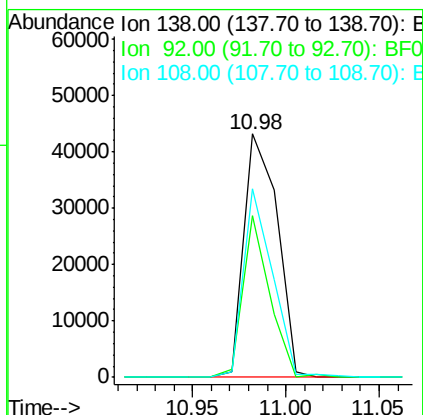
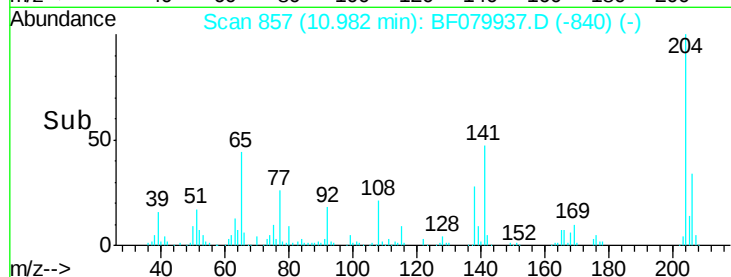
Instrument :
BNA_F
ClientSampleId :
PB83970BS



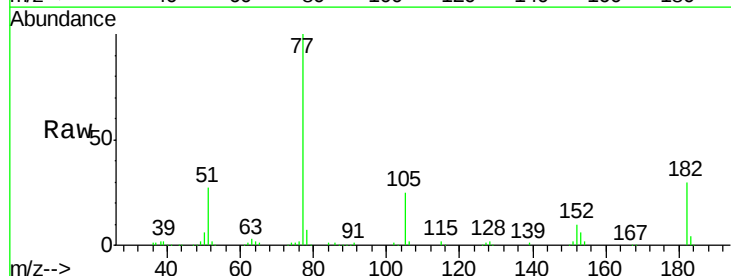
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	53825		
92	66.6	32.9	72.9	
108	77.3	50.4	90.4	

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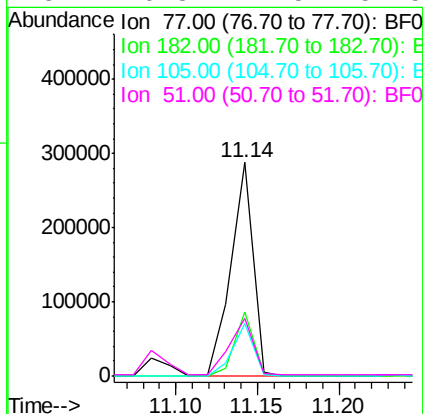
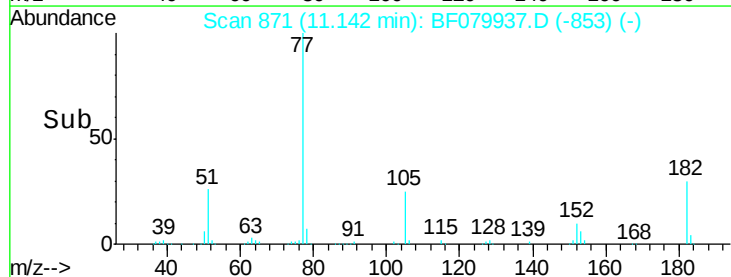
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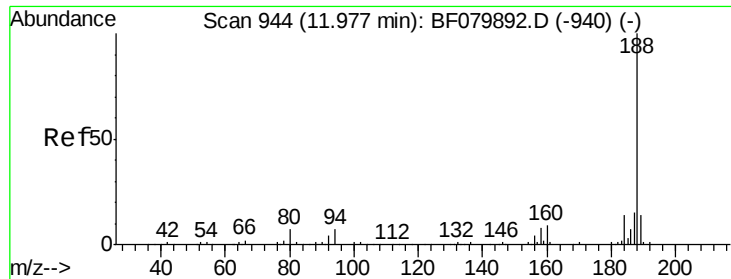


#62
Azobenzene
Concen: 32.89 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53



Tgt Ion	Ratio	Resp	Lower	Upper
77	100	269133		
182	30.1	0.0	35.9	
105	24.6	0.1	40.1	
51	26.8	11.5	51.5	





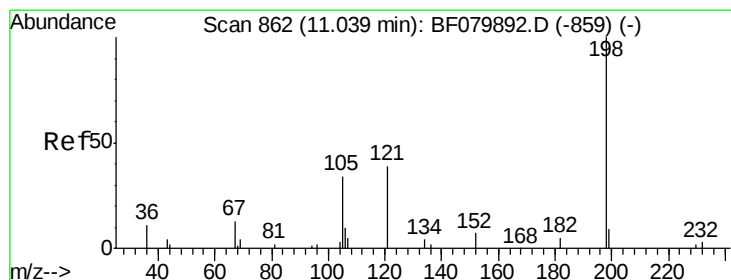
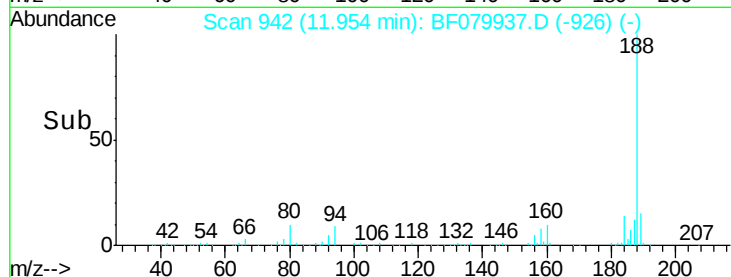
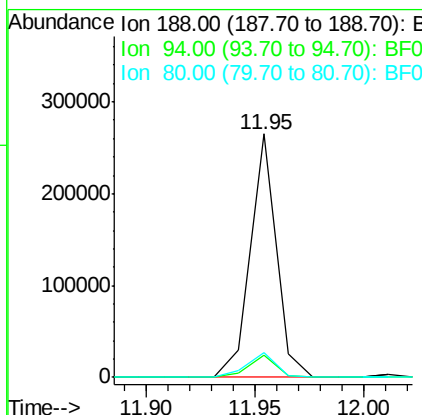
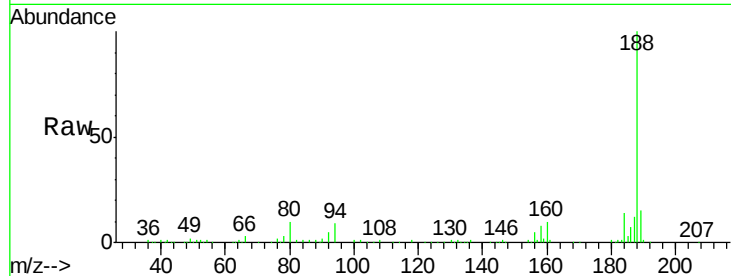
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	5.8	8.8#
80	10.4	5.9	8.9#

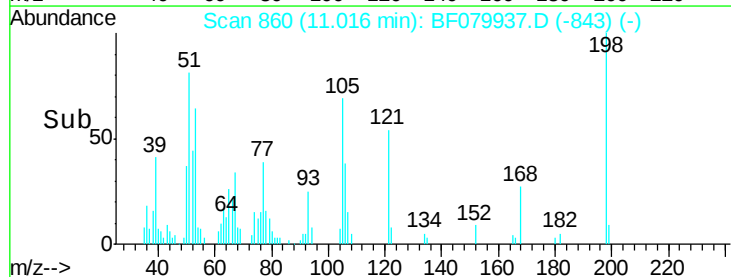
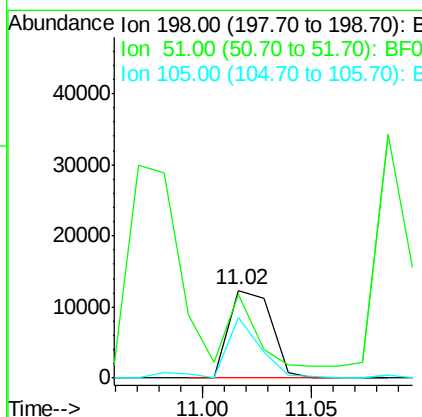
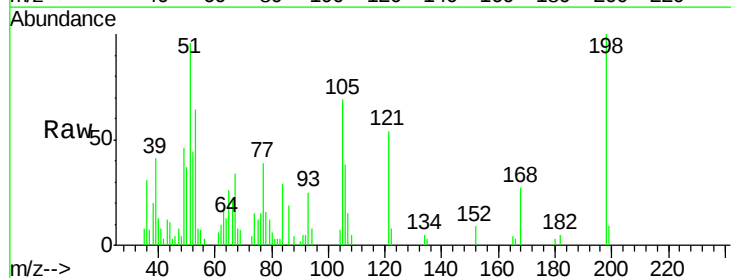
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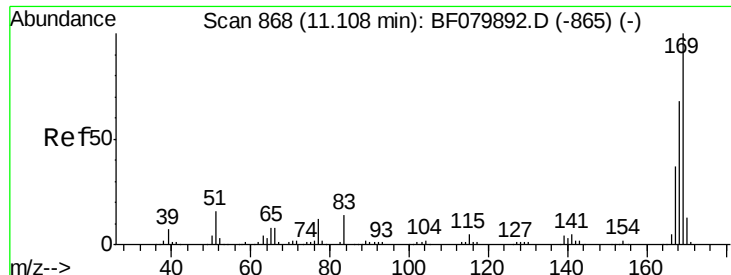
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.62 ng
RT: 11.02 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	95.7	22.1	62.1#
105	69.5	22.7	62.7#





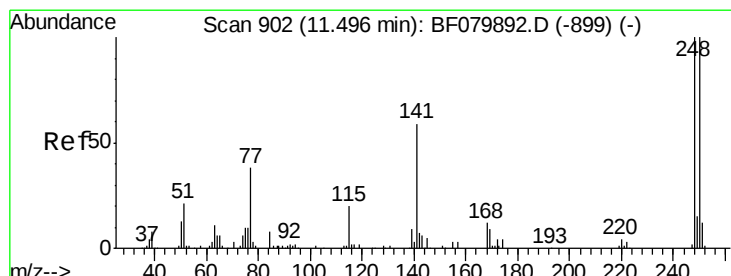
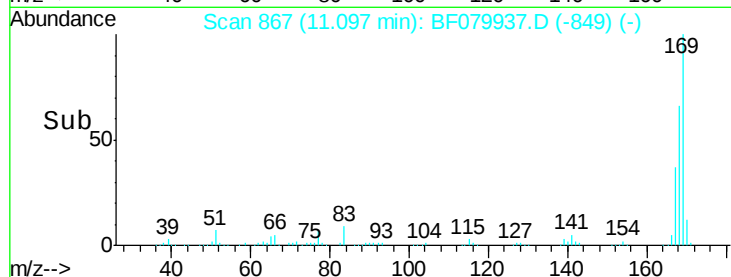
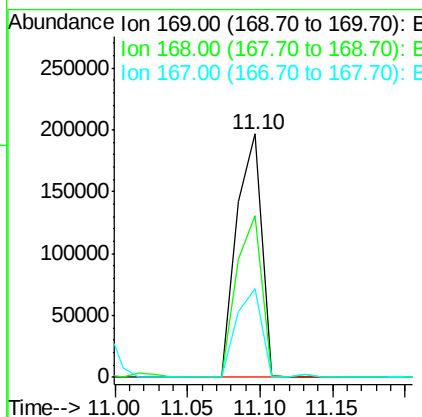
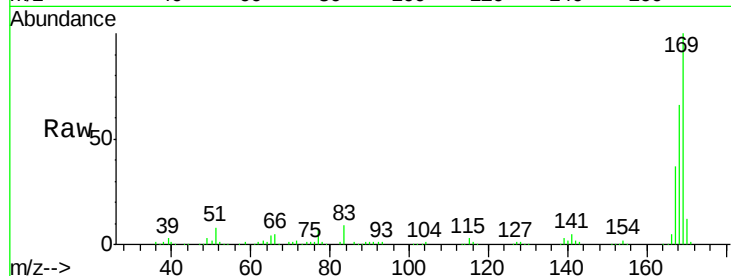
#65
 n-Nitrosodiphenylamine
 Concen: 32.99 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.4	54.2	81.4
167	36.6	29.7	44.5

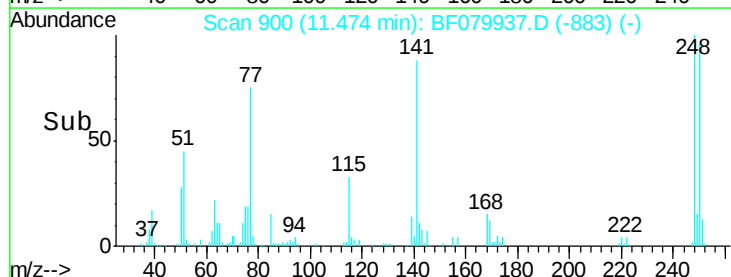
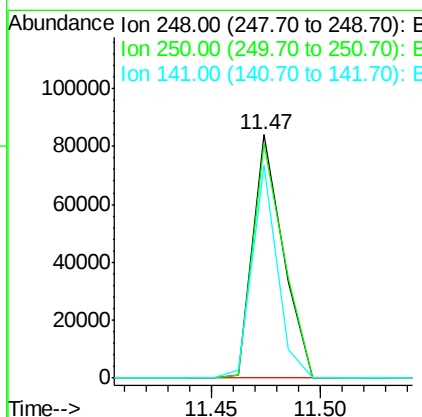
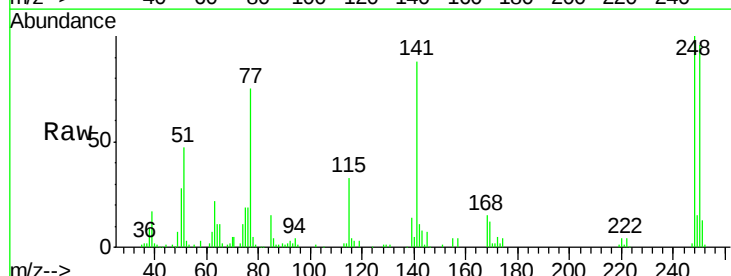
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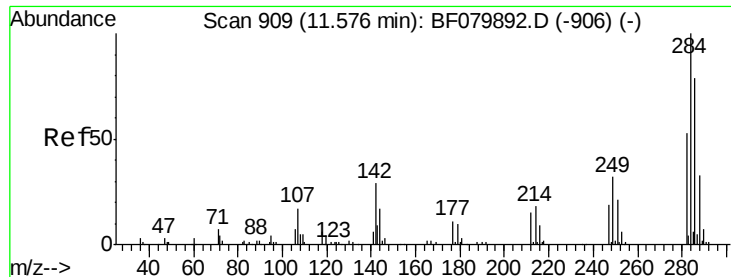
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#66
 4-Bromophenyl-phenylether
 Concen: 32.83 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.3	80.2	120.2
141	87.6	46.9	70.3





#67

Hexachlorobenzene

Concen: 32.24 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

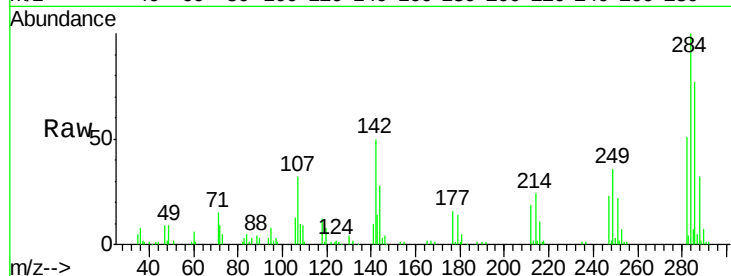
ClientSampleId :

PB83970BS

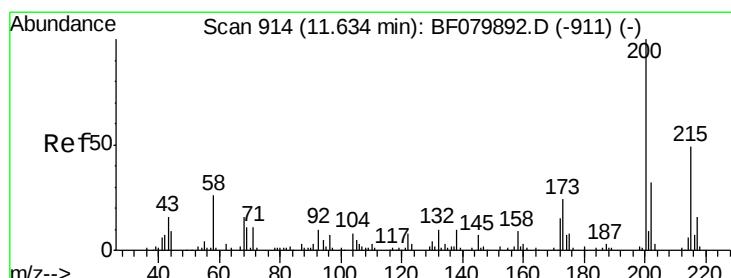
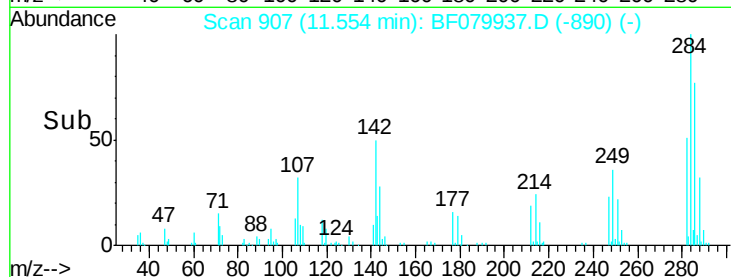
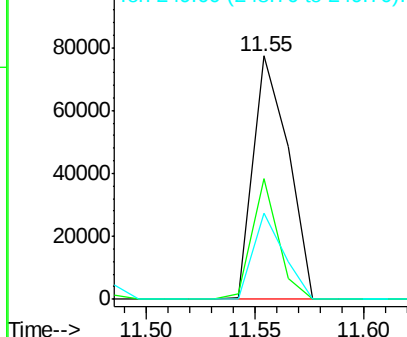
Tgt Ion:	284	Resp:	86829
Ion Ratio	Lower	Upper	
284	100		
142	49.7	23.5	35.3#
249	35.5	25.3	37.9

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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: 37.01 ng

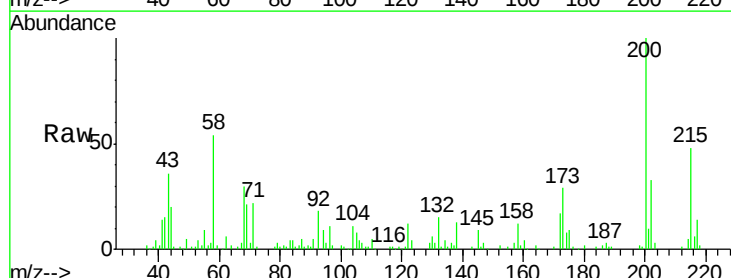
RT: 11.61 min Scan# 912

Delta R.T. -0.01 min

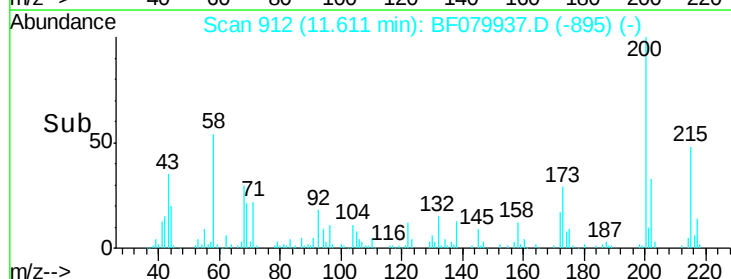
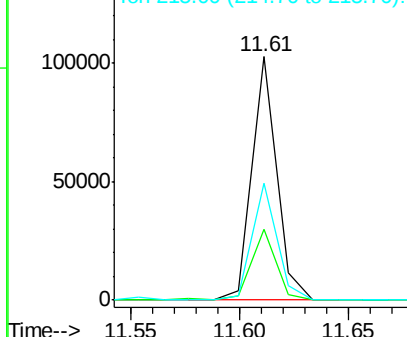
Lab File: BF079937.D

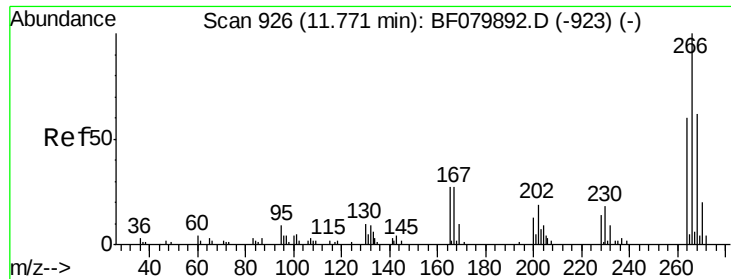
Acq: 12 Jun 2015 15:53

Tgt Ion:	200	Resp:	81027
Ion Ratio	Lower	Upper	
200	100		
173	29.0	4.1	44.1
215	48.2	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





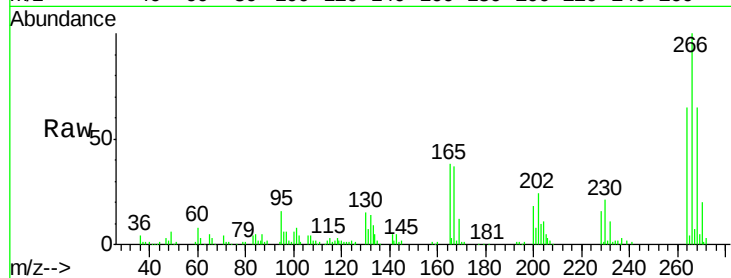
#69
 Pentachlorophenol
 Concen: 70.18 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

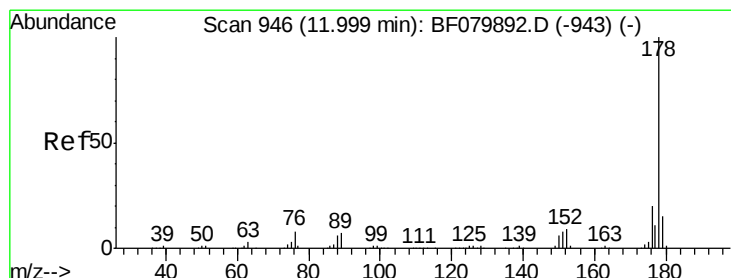
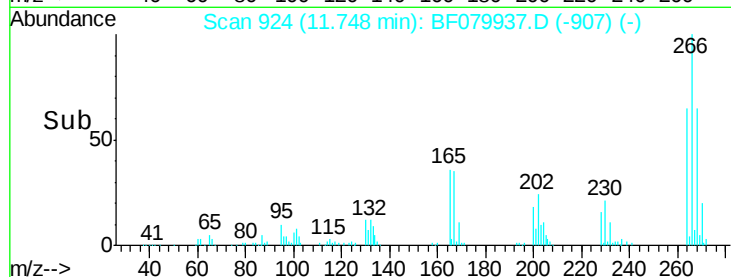
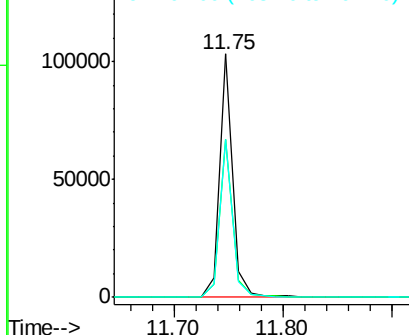
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	87280		
268	64.8		49.4	74.2
264	64.8		47.7	71.5

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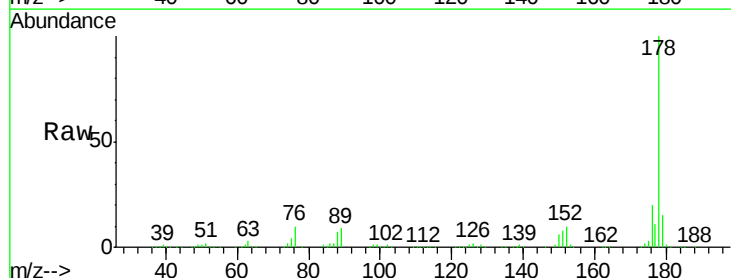


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

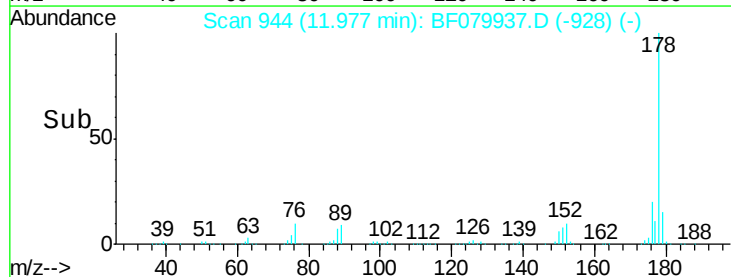
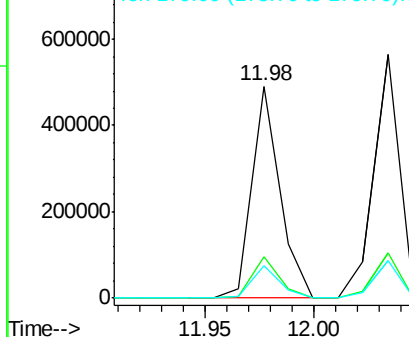


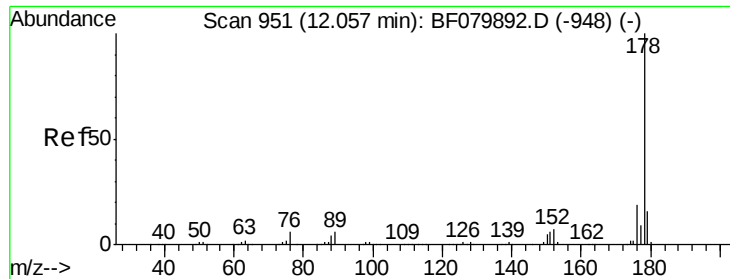
#70
 Phenanthrene
 Concen: 33.45 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	439182		
176	19.7		15.9	23.9
179	15.4		12.3	18.5



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





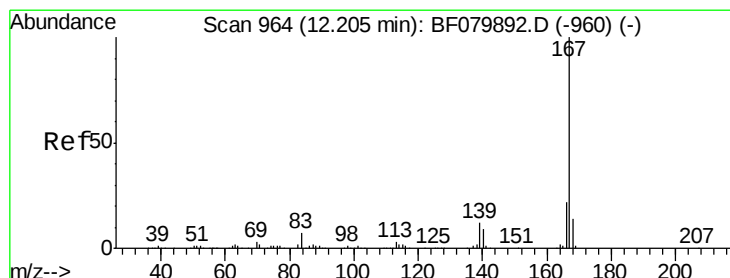
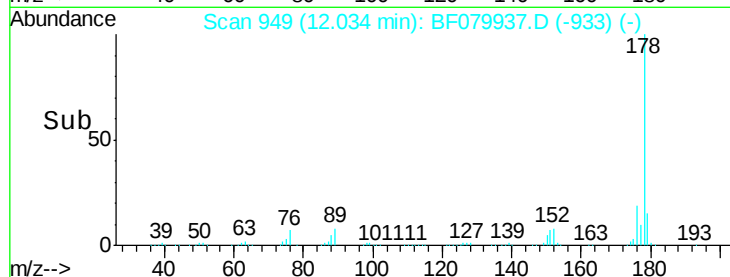
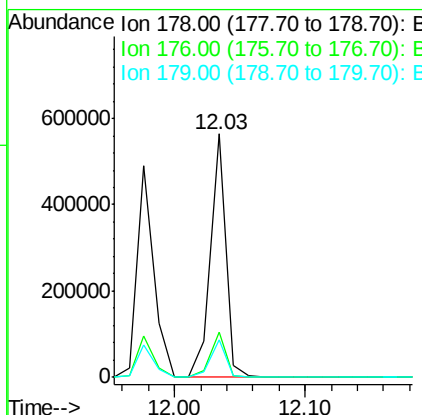
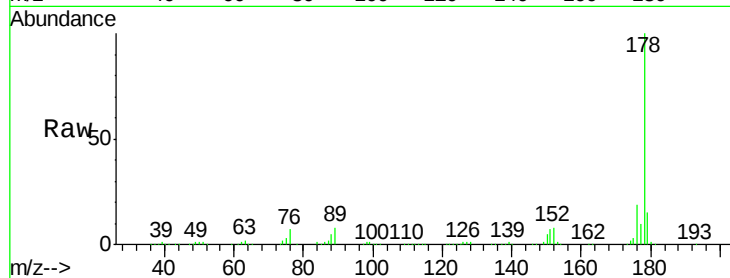
#71
 Anthracene
 Concen: 36.74 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.4	12.5	18.7

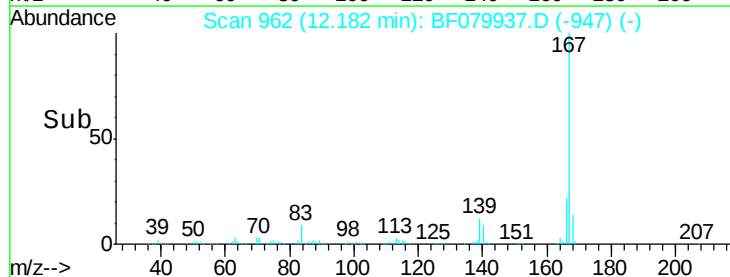
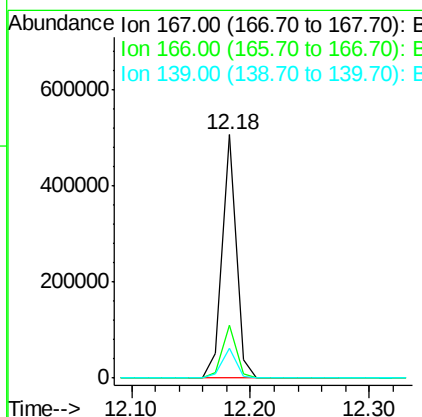
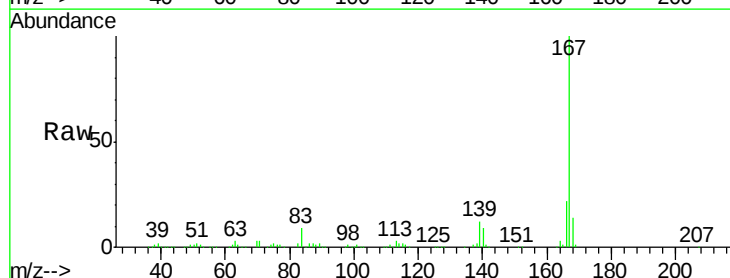
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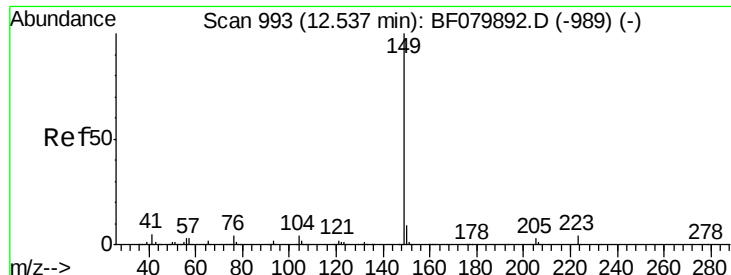
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#72
 Carbazole
 Concen: 33.42 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	12.4	9.5	14.3





#73

Di-n-butylphthalate

Concen: 36.95 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF079937.D

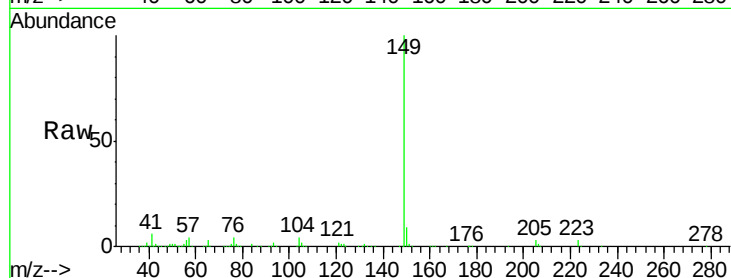
Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

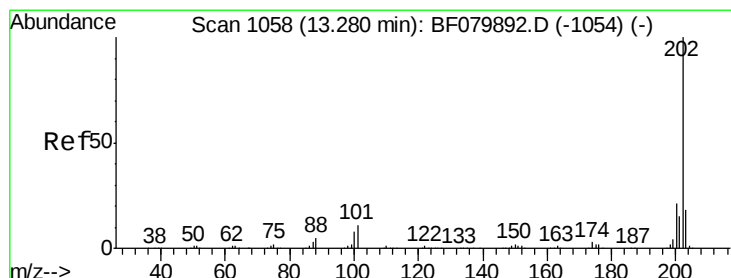
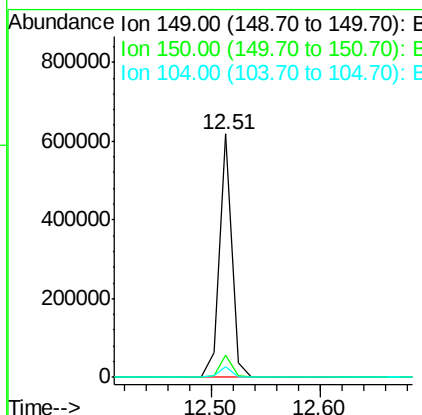
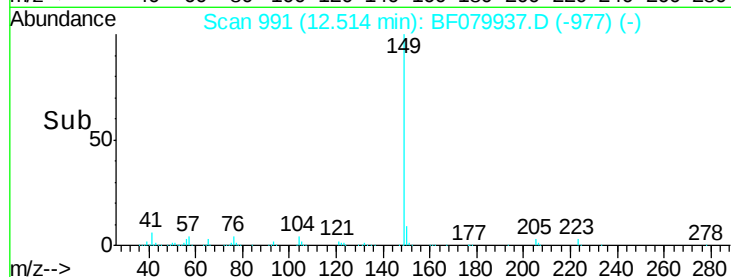
PB83970BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	496056		
150	9.1	7.2	10.8	
104	4.3	3.3	4.9	

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#74

Fluoranthene

Concen: 33.42 ng

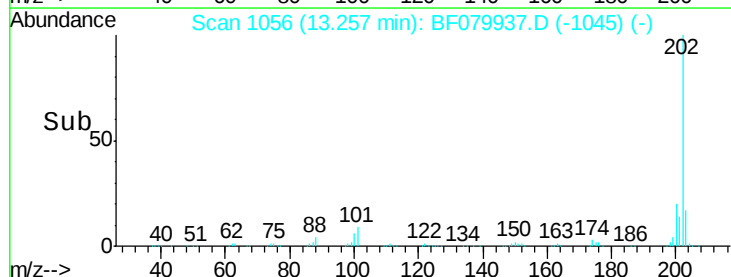
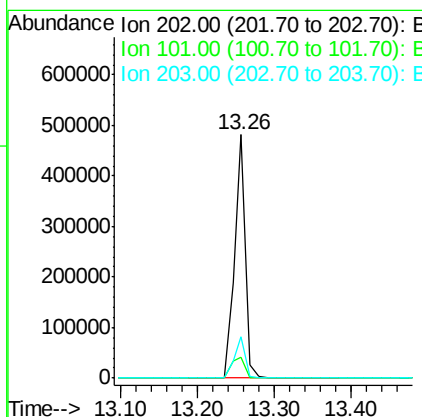
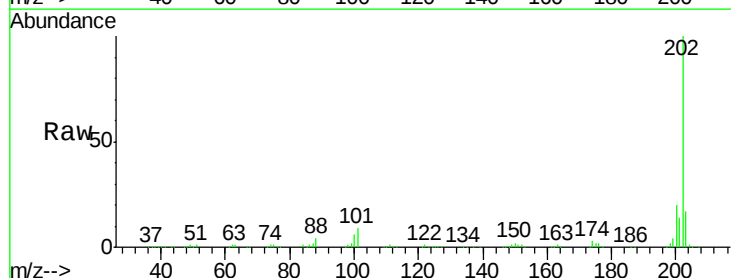
RT: 13.26 min Scan# 1056

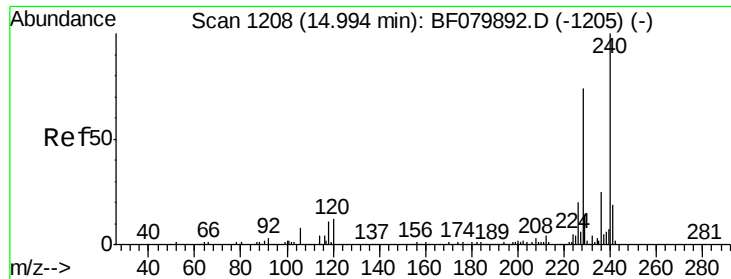
Delta R.T. -0.08 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	485093		
101	8.6	0.0	30.7	
203	17.2	0.0	38.0	





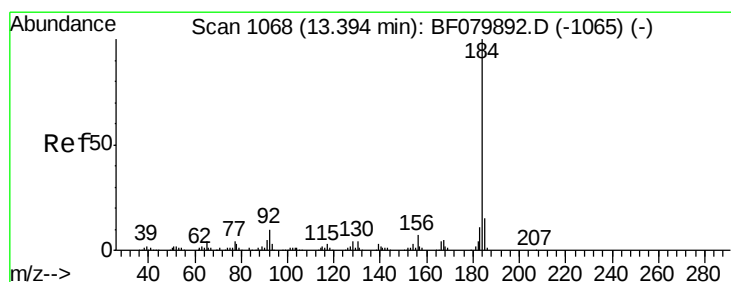
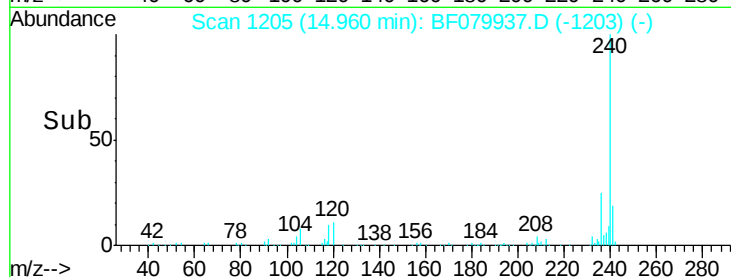
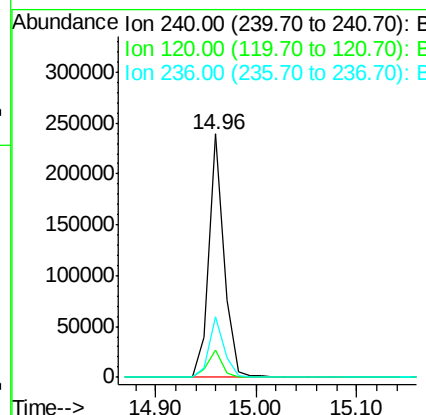
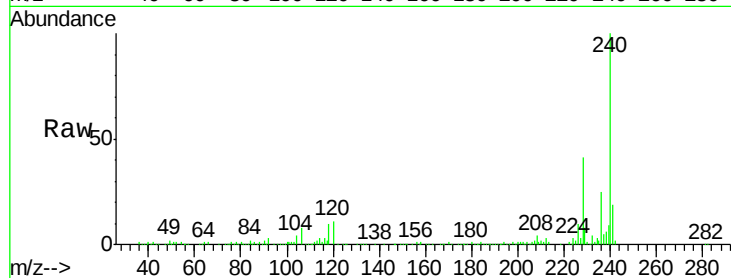
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.18 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	250374		
120	11.3	9.4	14.2	
236	25.0	19.6	29.4	

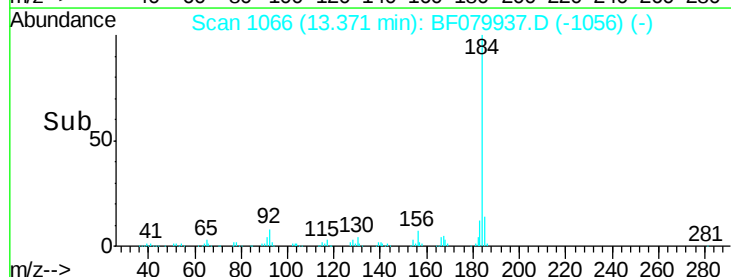
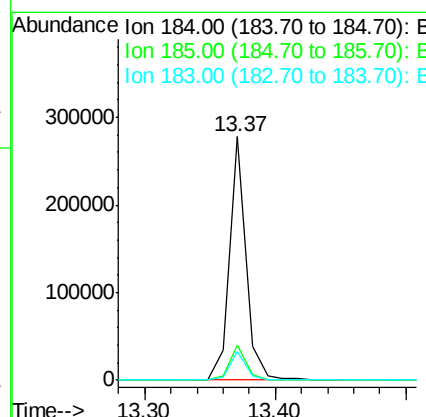
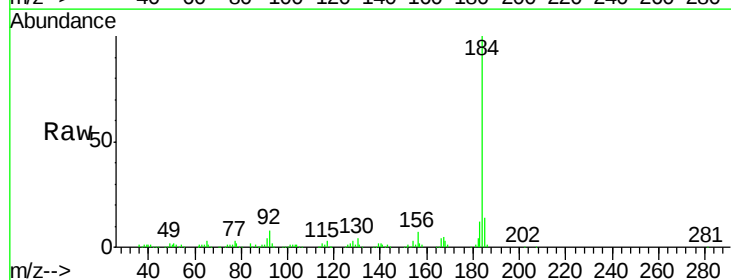
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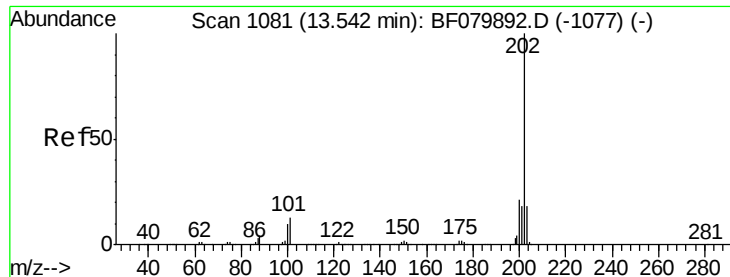
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#76
Benzidine
Concen: 35.58 ng
RT: 13.37 min Scan# 1066
Delta R.T. -0.09 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	246703		
185	14.1	11.8	17.6	
183	11.7	9.0	13.6	





#77

Pyrene

Concen: 31.83 ng

RT: 13.52 min Scan# 1079

Delta R.T. -0.09 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

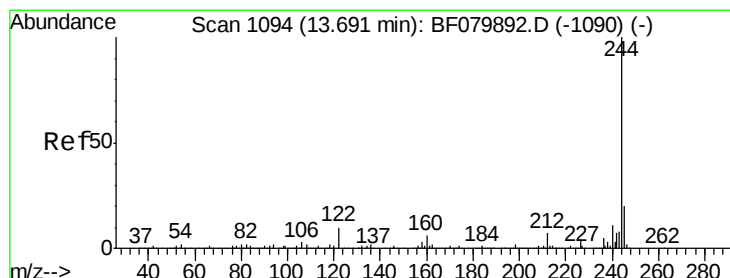
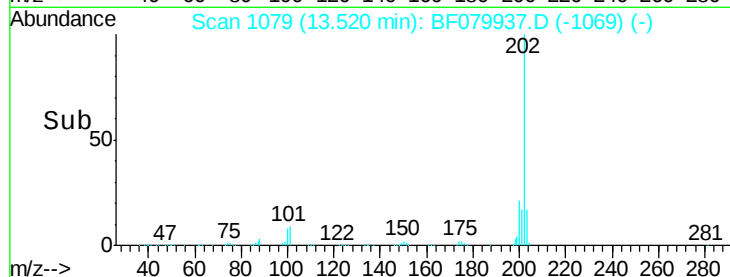
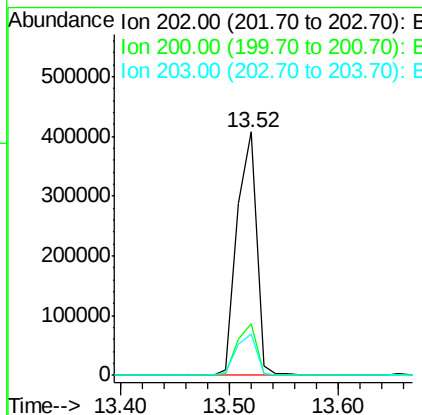
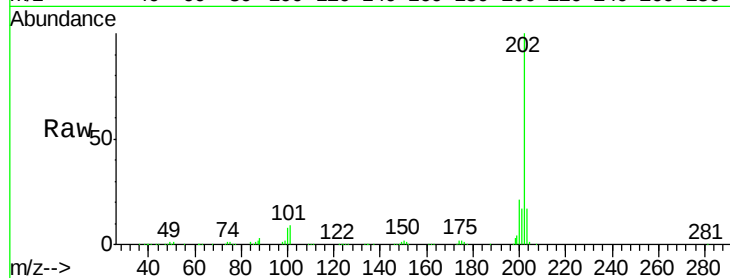
ClientSampleId :

PB83970BS

Tgt	Ion	202	Resp:	500590
Ion	Ratio		Lower	Upper
202	100			
200	21.1	16.8	25.2	
203	17.0	14.4	21.6	

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#78

Terphenyl-d14

Concen: 65.26 ng

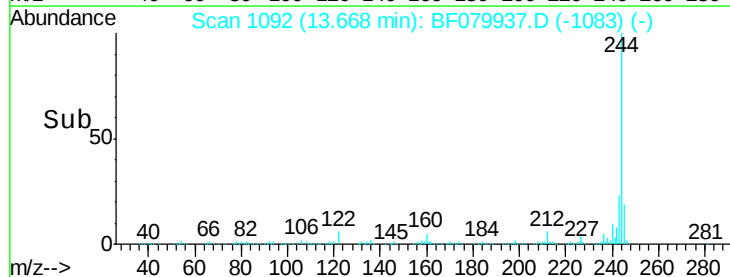
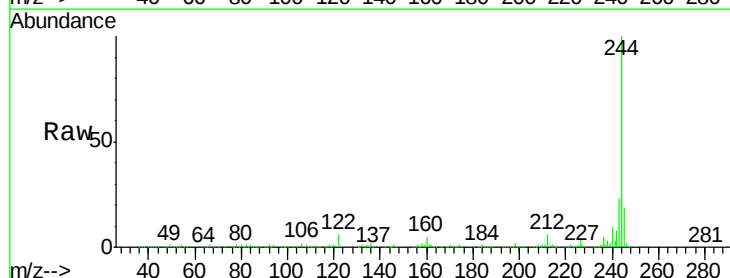
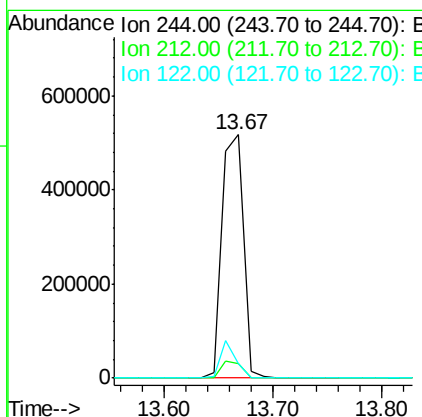
RT: 13.67 min Scan# 1092

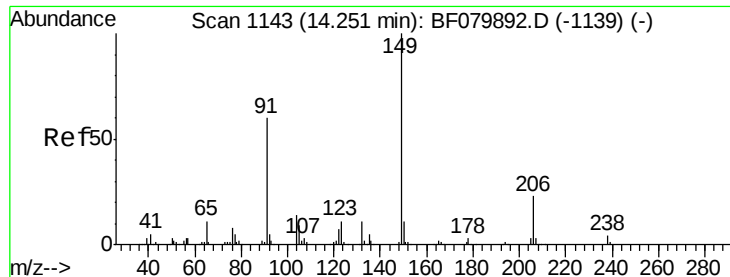
Delta R.T. -0.10 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt	Ion	244	Resp:	708665
Ion	Ratio		Lower	Upper
244	100			
212	5.9	5.4	8.2	
122	6.2	7.8	11.8#	





#79

Butylbenzylphthalate

Concen: 38.07 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.15 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

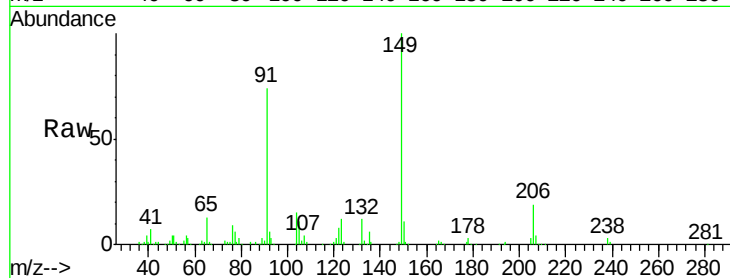
ClientSampleId :

PB83970BS

Tgt Ion:	149	Resp:	202136
Ion Ratio		Lower	Upper
149	100		
91	73.7	48.1	72.1#
206	19.0	18.6	27.8

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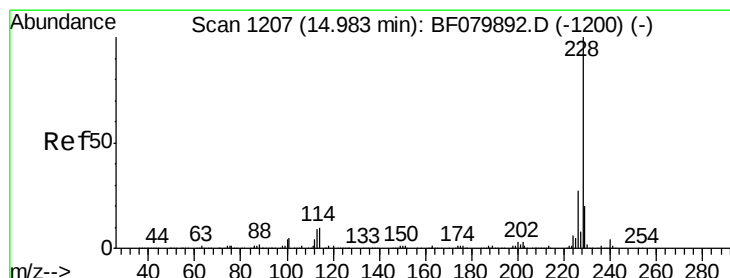
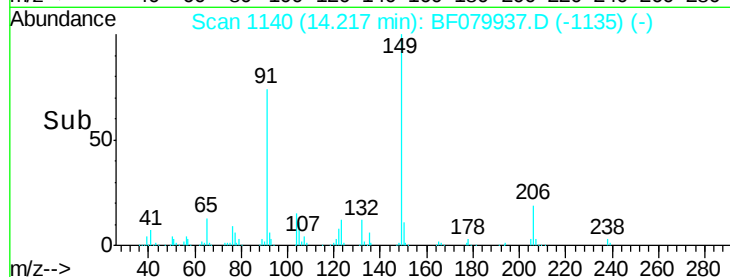
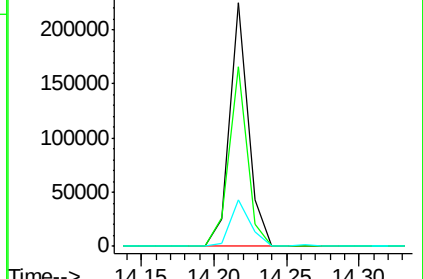
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.89 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.17 min

Lab File: BF079937.D

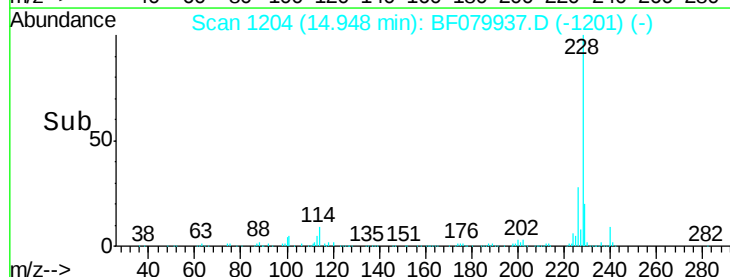
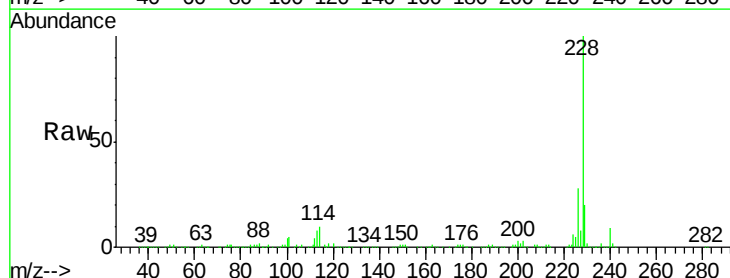
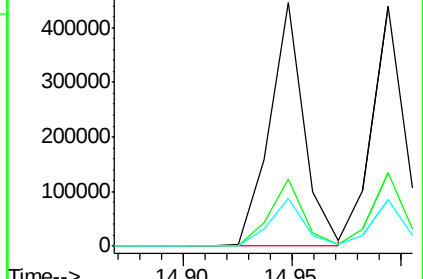
Acq: 12 Jun 2015 15:53

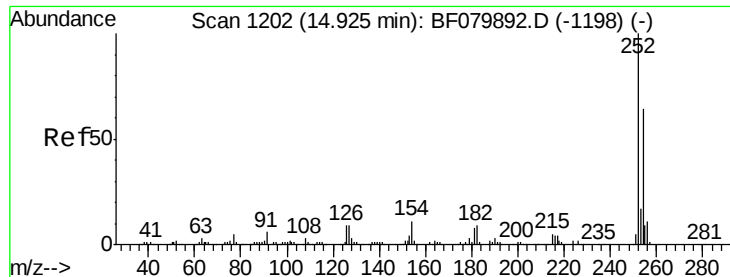
Tgt Ion:	228	Resp:	491169
Ion Ratio		Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.8	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





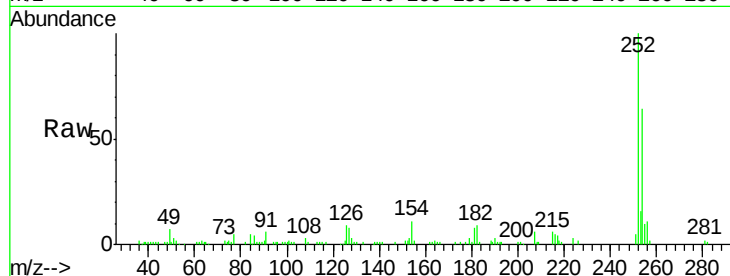
#81
 3,3'-Dichlorobenzidine
 Concen: 14.90 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.17 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB83970BS

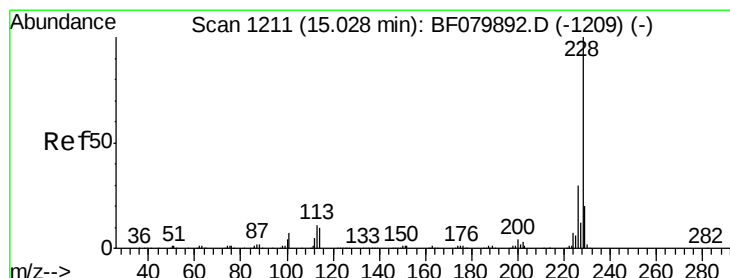
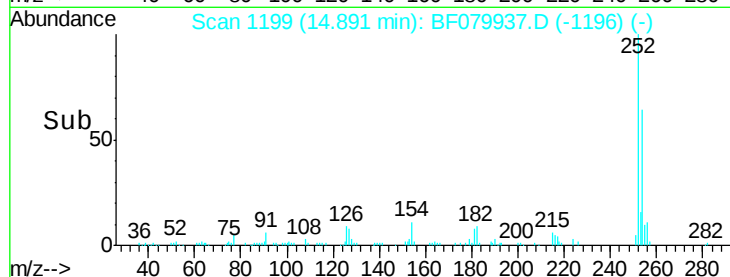
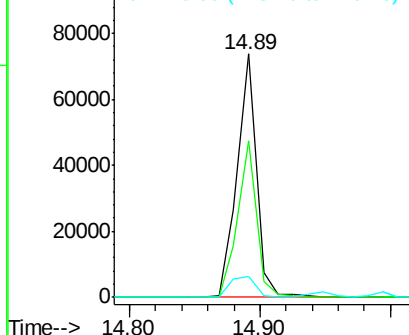
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.1	76.7
126	8.7	7.3	10.9

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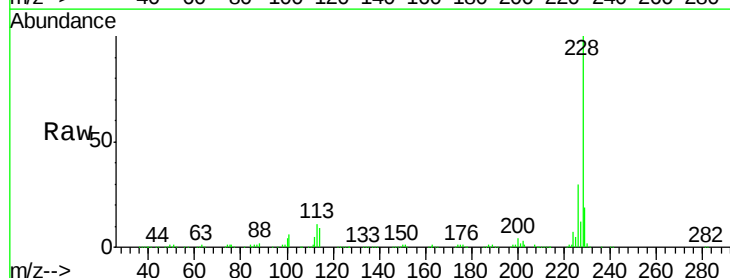


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

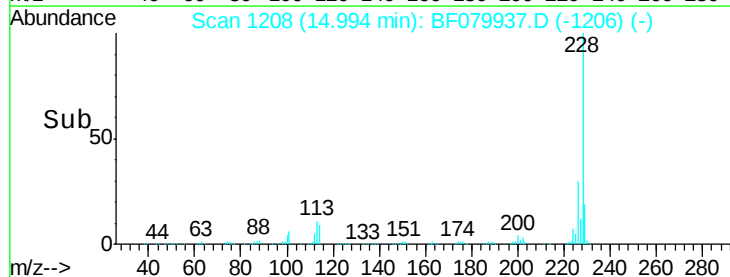
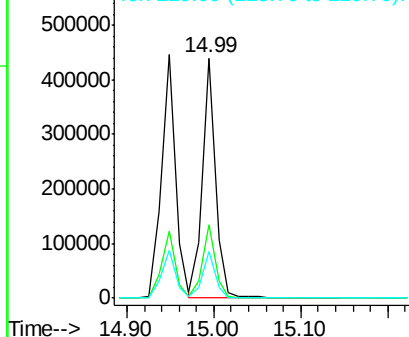


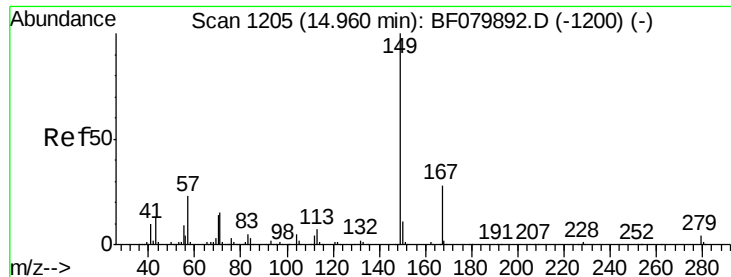
#82
 Chrysene
 Concen: 32.35 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.18 min
 Lab File: BF079937.D
 Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	23.9	35.9
229	19.4	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.42 ng

RT: 14.93 min Scan# 1202

Delta R.T. -0.18 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

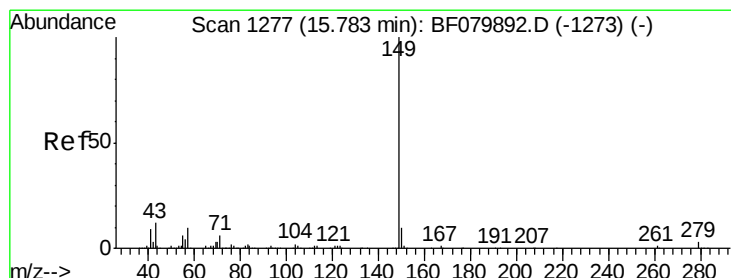
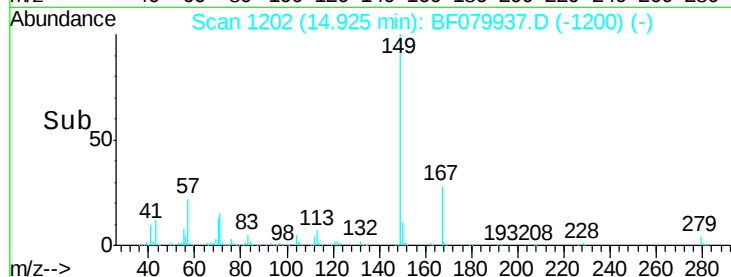
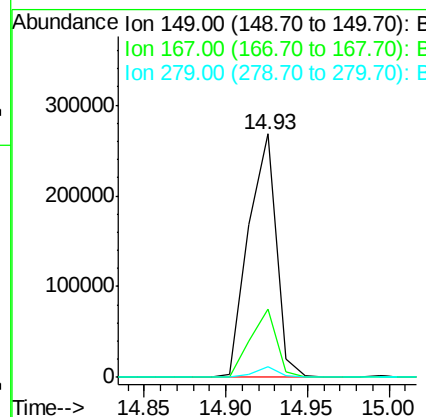
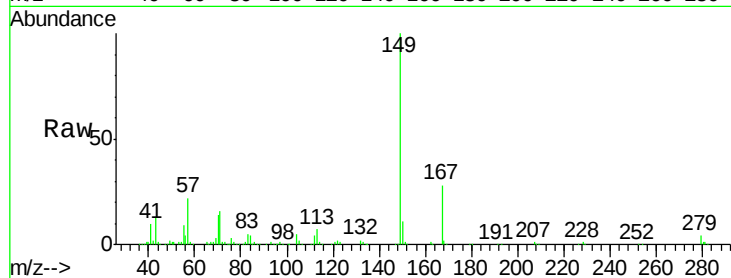
ClientSampleId :

PB83970BS

Tgt Ion:	149	Resp:	317995
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.2	33.4
279	4.4	3.1	4.7

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#84

Di-n-octyl phthalate

Concen: 38.92 ng

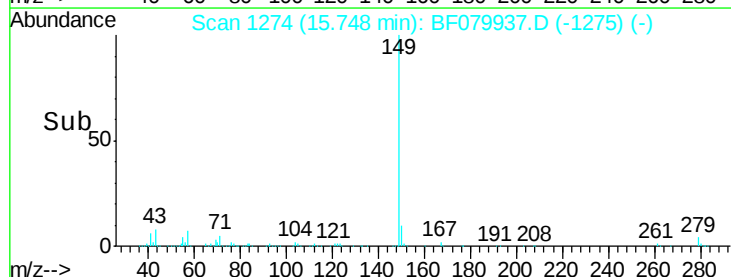
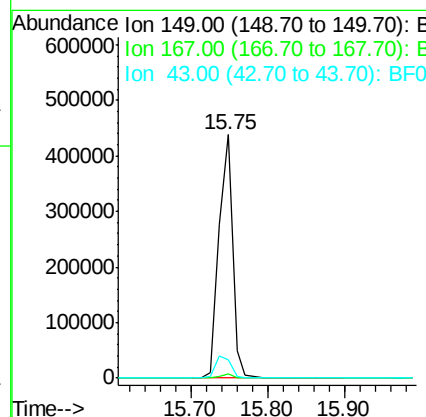
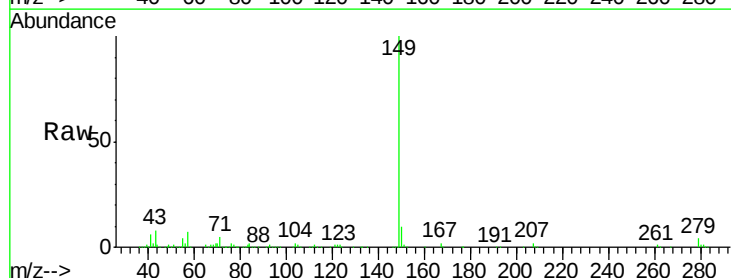
RT: 15.75 min Scan# 1274

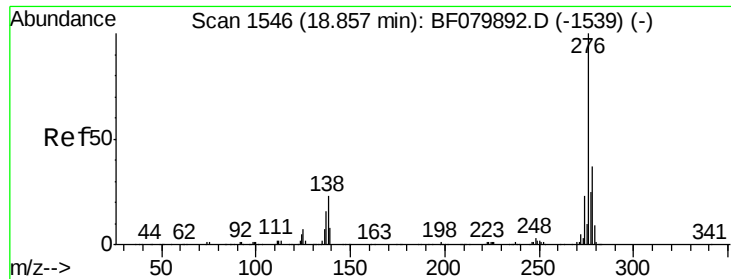
Delta R.T. -0.22 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Tgt Ion:	149	Resp:	539401
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.2	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.53 ng

RT: 18.78 min Scan# 1539

Delta R.T. -0.24 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

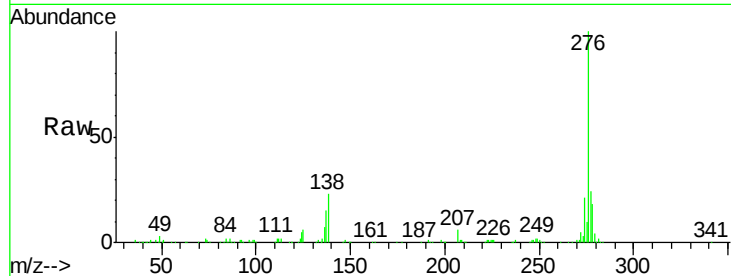
ClientSampleId :

PB83970BS

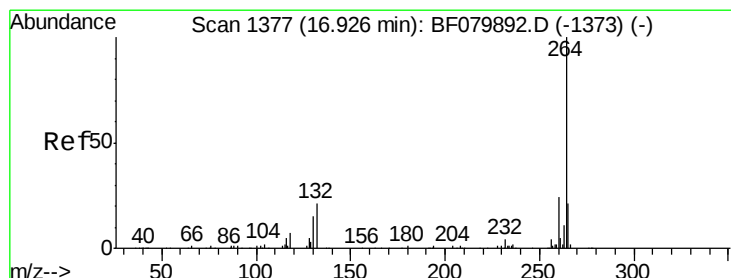
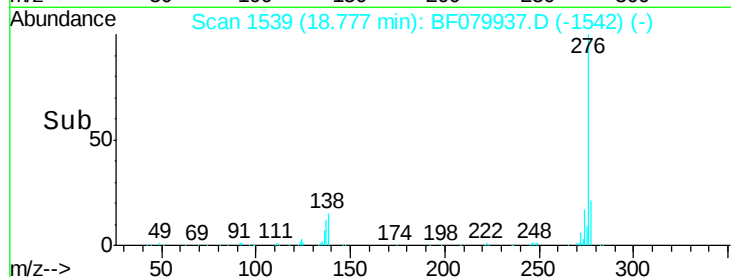
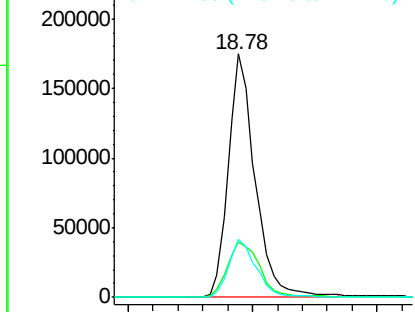
Tgt Ion:	276	Resp:	524931
Ion Ratio		Lower	Upper
276	100		
138	27.3	21.0	31.4
277	24.8	19.9	29.9

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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

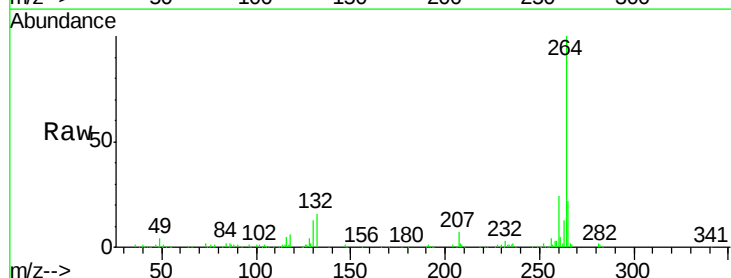
RT: 16.88 min Scan# 1373

Delta R.T. -0.22 min

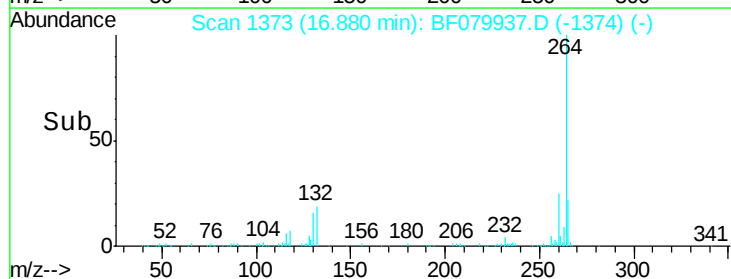
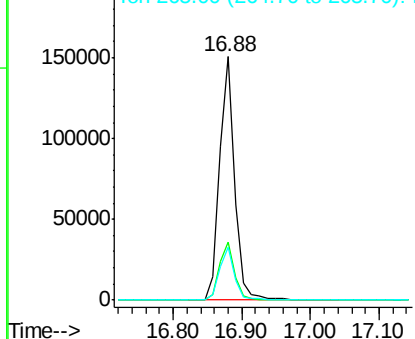
Lab File: BF079937.D

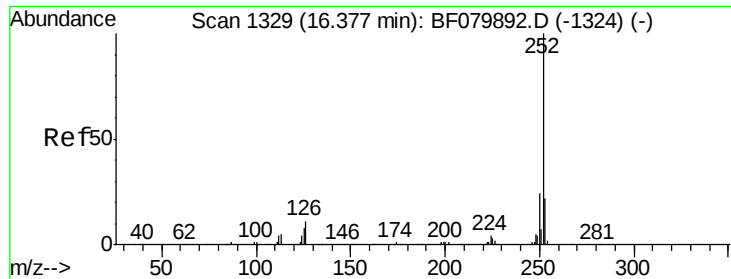
Acq: 12 Jun 2015 15:53

Tgt Ion:	264	Resp:	234825
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.5	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





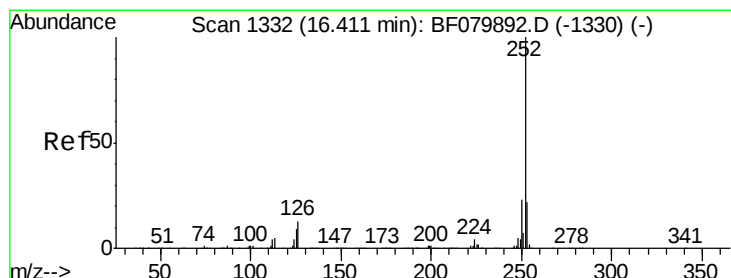
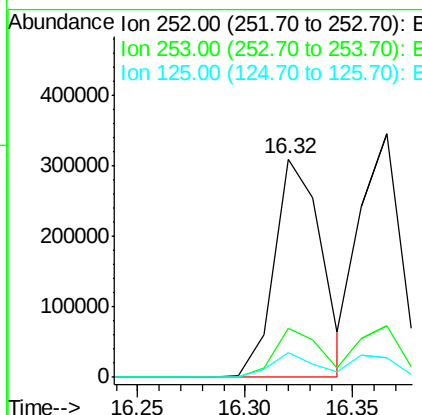
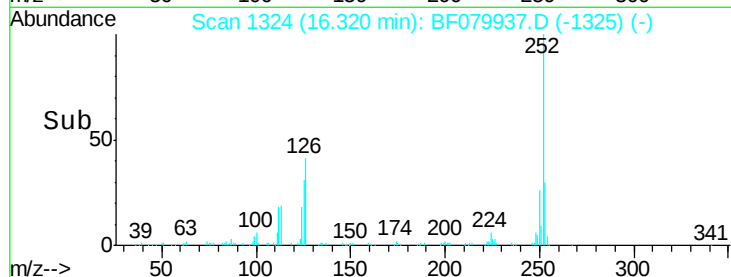
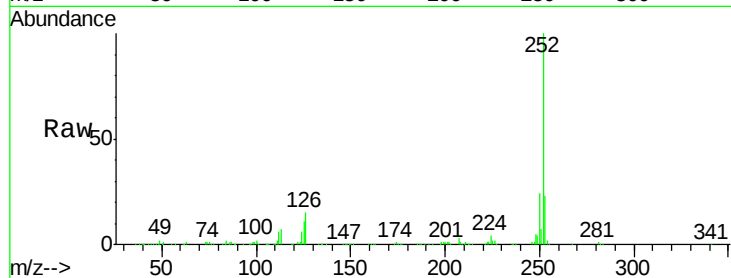
#87
Benzo(b)fluoranthene
Concen: 32.98 ng m
RT: 16.32 min Scan# 1324
Delta R.T. -0.22 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.4	6.5	9.7

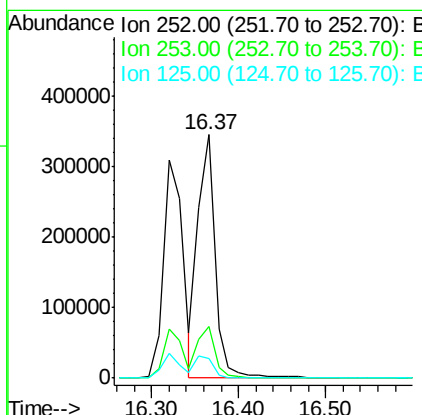
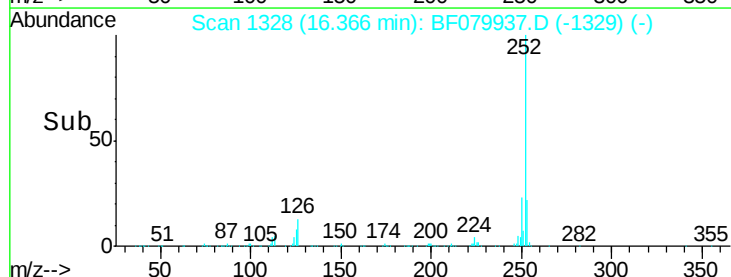
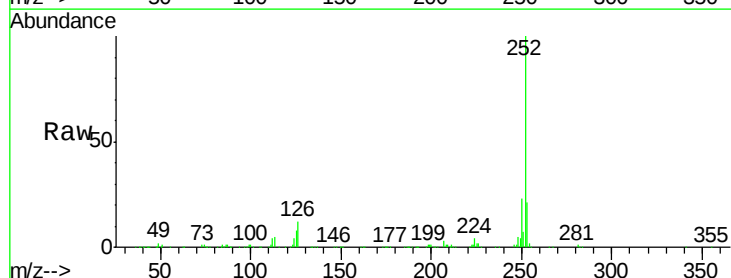
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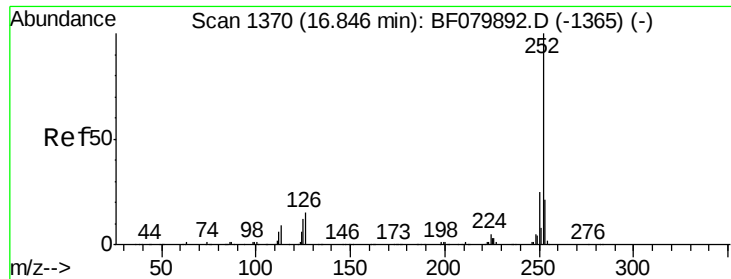
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#88
Benzo(k)fluoranthene
Concen: 32.40 ng
RT: 16.37 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	8.1	7.4	11.0





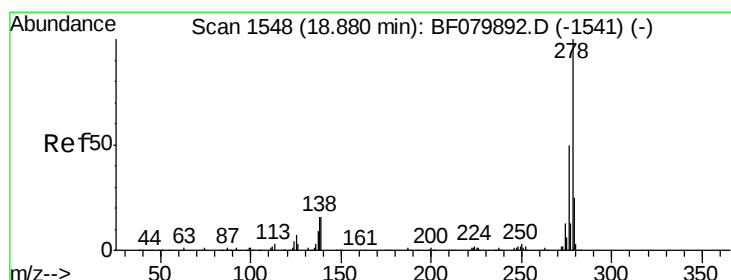
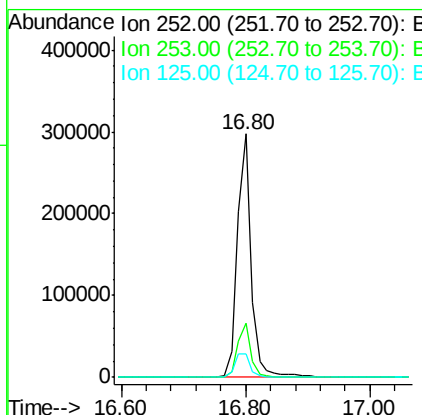
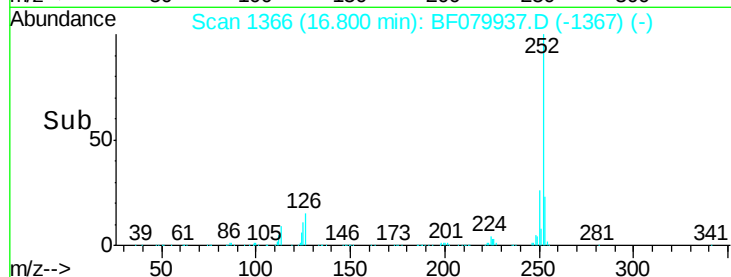
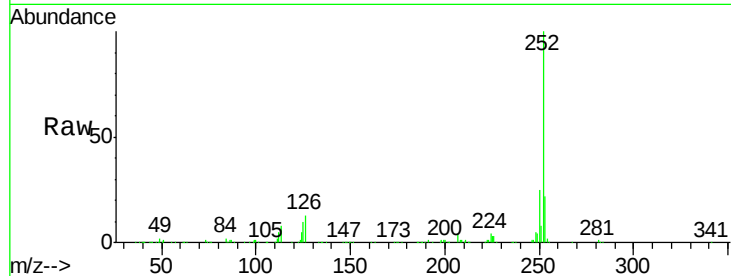
#89
Benzo(a)pyrene
Concen: 34.00 ng
RT: 16.80 min Scan# 1366
Delta R.T. -0.22 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.9	9.7	14.5

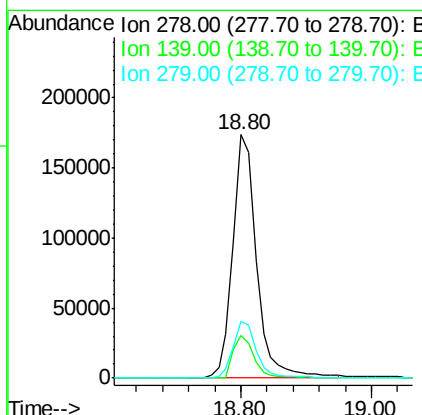
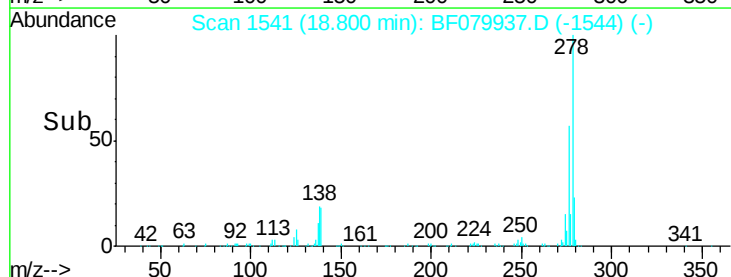
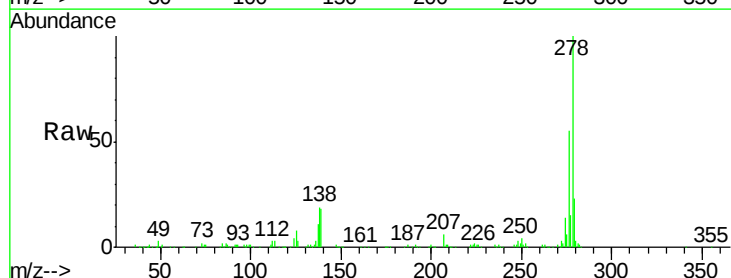
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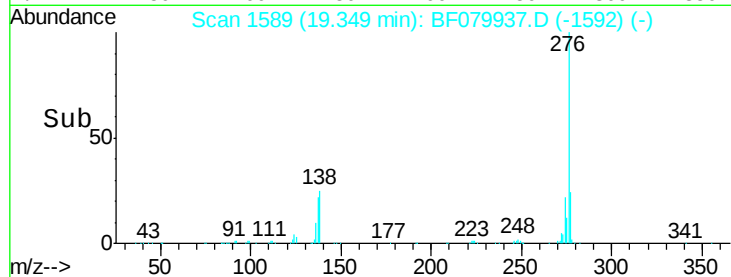
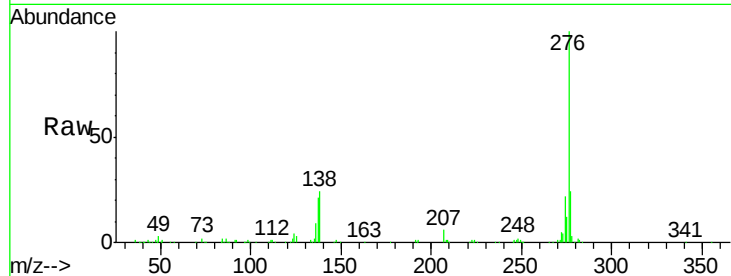
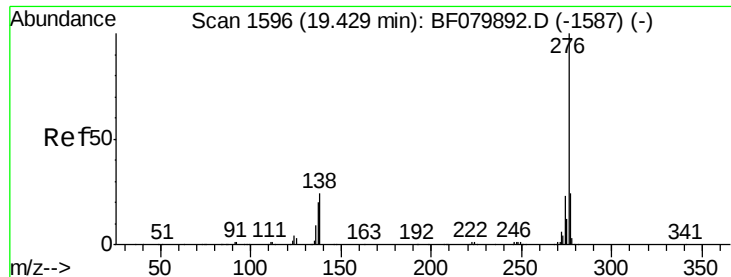
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#90
Dibenzo(a,h)anthracene
Concen: 32.68 ng
RT: 18.80 min Scan# 1541
Delta R.T. -0.24 min
Lab File: BF079937.D
Acq: 12 Jun 2015 15:53

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.5	12.8	19.2
279	23.2	19.7	29.5





#91

Benzo(g,h,i)perylene

Concen: 32.01 ng

RT: 19.35 min Scan# 1589

Delta R.T. -0.24 min

Lab File: BF079937.D

Acq: 12 Jun 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB83970BS

Tgt Ion:	276	Resp:	445544
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.4	29.2
138	23.8	19.1	28.7

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