

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079995.D
 Acq On : 16 Jun 2015 17:26
 Operator : TP/IZ
 Sample : PB84048BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Manual Integrations
 APPROVED

apatel
 6/17/2015 5:12:16 PM

Quant Time: Jun 17 02:51:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	46246	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	190575	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	97689	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	197849	20.00	ng	0.00
75) Chrysene-d12	14.91	240	217108	20.00	ng	0.00
86) Perylene-d12	16.81	264	204334	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.97	112	348430	138.15	ng	0.01
7) Phenol-d6	6.95	99	459902	133.85	ng	0.00
23) Nitrobenzene-d5	7.91	82	276017	95.56	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	123772	125.89	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	563378	80.75	ng	0.00
78) Terphenyl-d14	13.61	244	730731	77.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	41570	36.23	ng	99
3) Pyridine	4.07	79	113548	38.62	ng	99
4) n-Nitrosodimethylamine	3.98	42	60593	41.82	ng	# 96
6) Aniline	7.01	93	146778	29.52	ng	99
8) 2-Chlorophenol	7.13	128	134578	43.90	ng	96
9) Benzaldehyde	6.89	77	76773	38.87	ng	98
10) Phenol	6.96	94	152167	40.27	ng	84
11) bis(2-Chloroethyl)ether	7.06	93	118959	39.12	ng	90
12) 1,3-Dichlorobenzene	7.29	146	145175	40.60	ng	98
13) 1,4-Dichlorobenzene	7.37	146	147794	39.79	ng	97
14) 1,2-Dichlorobenzene	7.52	146	132726	40.23	ng	97
15) Benzyl Alcohol	7.48	79	124867	45.32	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	182324	40.48	ng	99
17) 2-Methylphenol	7.58	107	107943	40.31	ng	96
18) Hexachloroethane	7.88	117	49384	42.94	ng	95
19) n-Nitroso-di-n-propylamine	7.74	70	91619	37.32	ng	94
20) 3+4-Methylphenols	7.73	107	146141	42.70	ng	97
22) Acetophenone	7.75	105	195424	43.42	ng	# 95
24) Nitrobenzene	7.92	77	129817	42.25	ng	96
25) Isophorone	8.16	82	261291	38.87	ng	97
26) 2-Nitrophenol	8.25	139	51509	47.71	ng	95
27) 2,4-Dimethylphenol	8.26	122	119223	39.58	ng	95
28) bis(2-Chloroethoxy)methane	8.37	93	176088	44.12	ng	99
29) 2,4-Dichlorophenol	8.49	162	108247	42.90	ng	86
30) 1,2,4-Trichlorobenzene	8.58	180	119862	37.38	ng	99
31) Naphthalene	8.66	128	405017	38.88	ng	100
32) Benzoic acid	8.32	122	48583m	42.49	ng	
33) 4-Chloroaniline	8.70	127	94265	23.31	ng	97
34) Hexachlorobutadiene	8.79	225	67175	37.73	ng	98
35) Caprolactam	9.03	113	32219	40.37	ng	# 61
36) 4-Chloro-3-methylphenol	9.17	107	121106	42.02	ng	90
37) 2-Methylnaphthalene	9.36	142	289679	41.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	121792	37.23	ng	98
40) Hexachlorocyclopentadiene	9.52	237	123272	83.16	ng	99

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	82125	40.74	ng	99
43) 2,4,5-Trichlorophenol	9.67	196	92450	41.54	ng	98
45) 1,1'-Biphenyl	9.82	154	313549	39.66	ng	98
46) 2-Chloronaphthalene	9.85	162	262347	38.98	ng	100
47) 2-Nitroaniline	9.93	65	68422	47.38	ng	97
48) Acenaphthylene	10.28	152	439321	38.66	ng	99
49) Dimethylphthalate	10.10	163	293006	37.44	ng	100
50) 2,6-Dinitrotoluene	10.17	165	62837	44.19	ng	98
51) Acenaphthene	10.45	154	266635	41.29	ng	96
52) 3-Nitroaniline	10.34	138	51790	30.88	ng	93
53) 2,4-Dinitrophenol	10.45	184	34682	98.41	ng	# 1
54) Dibenzofuran	10.62	168	382712	40.56	ng	100
55) 4-Nitrophenol	10.49	139	102332	81.86	ng	# 63
56) 2,4-Dinitrotoluene	10.58	165	77411	41.56	ng	97
57) Fluorene	10.96	166	293701	35.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	78379	46.47	ng	99
59) Diethylphthalate	10.81	149	315106	40.27	ng	100
60) 4-Chlorophenyl-phenylether	10.95	204	144548	39.35	ng	96
61) 4-Nitroaniline	10.96	138	70580	39.31	ng	94
62) Azobenzene	11.11	77	305332	40.55	ng	97
64) 4,6-Dinitro-2-methylphenol	11.00	198	32521	67.03	ng	92
65) n-Nitrosodiphenylamine	11.06	169	271244	42.47	ng	100
66) 4-Bromophenyl-phenylether	11.45	248	82878	37.38	ng	# 90
67) Hexachlorobenzene	11.53	284	90880	37.58	ng	# 84
68) Atrazine	11.58	200	75618	38.47	ng	92
69) Pentachlorophenol	11.72	266	101097	88.26	ng	97
70) Phenanthrene	11.94	178	468941	39.77	ng	100
71) Anthracene	12.00	178	475658	41.69	ng	99
72) Carbazole	12.15	167	427602	38.64	ng	99
73) Di-n-butylphthalate	12.48	149	447183	37.09	ng	99
74) Fluoranthene	13.21	202	494922	37.97	ng	96
76) Benzidine	13.33	184	325666	54.17	ng	99
77) Pyrene	13.46	202	510754	37.46	ng	99
79) Butylbenzylphthalate	14.16	149	203274	44.15	ng	# 84
80) Benzo(a)anthracene	14.89	228	512751	37.19	ng	100
81) 3,3'-Dichlorobenzidine	14.84	252	134801	30.58	ng	# 98
82) Chrysene	14.94	228	459920	37.52	ng	99
83) Bis(2-ethylhexyl)phthalate	14.86	149	305398	41.44	ng	# 94
84) Di-n-octyl phthalate	15.69	149	495545	41.23	ng	99
85) Indeno(1,2,3-cd)pyrene	18.69	276	525802	36.42	ng	98
87) Benzo(h)fluoranthene	16.27	252	504549	40.30	ng	98
88) Benzo(k)fluoranthene	16.30	252	461065	36.11	ng	98
89) Benzo(a)pyrene	16.73	252	476848	40.05	ng	98
90) Dibenzo(a,h)anthracene	18.71	278	437751	37.40	ng	98
91) Benzo(g,h,i)perylene	19.26	276	450166	37.17	ng	97

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

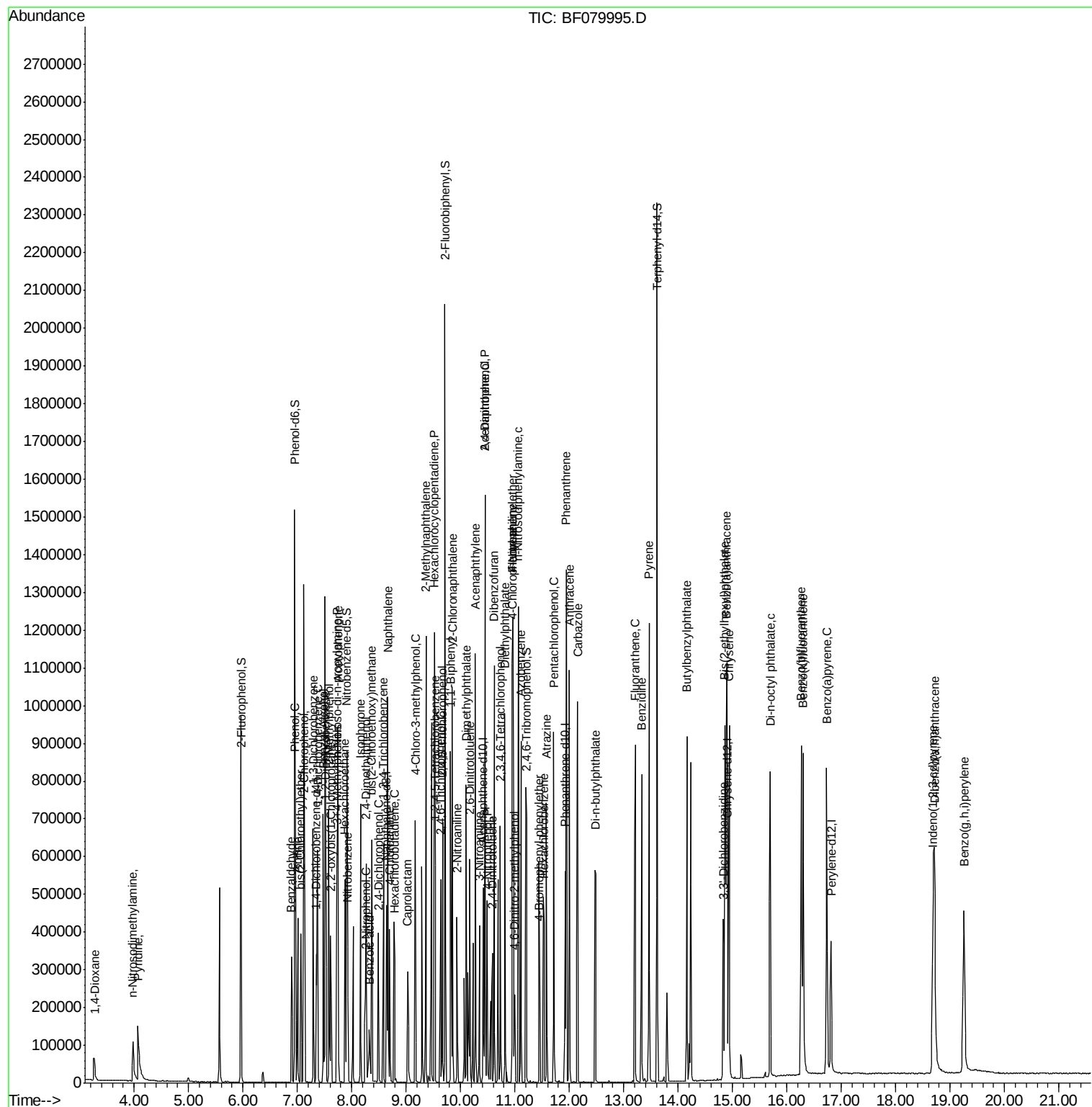
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
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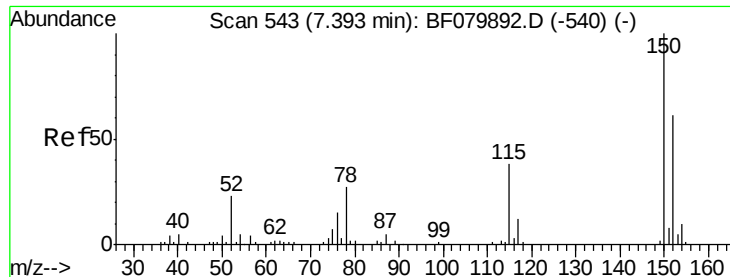
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#1

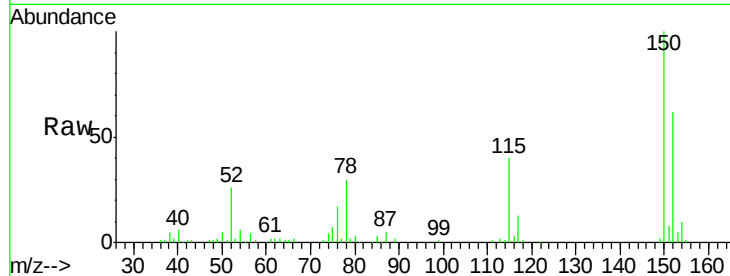
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

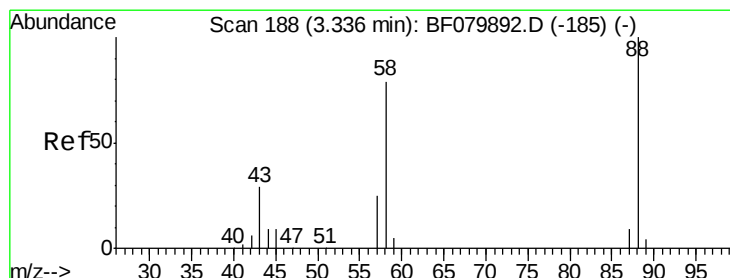
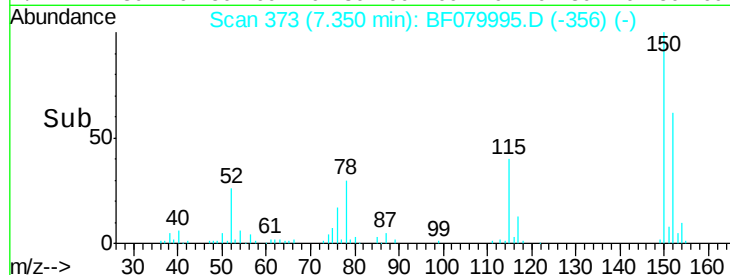
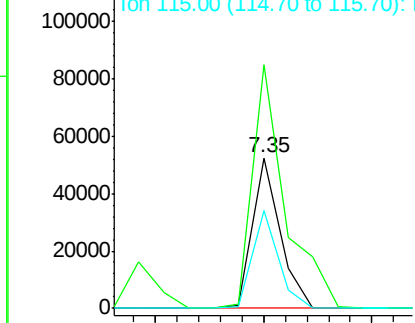
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.9	131.0	196.4
115	64.7	49.8	74.6

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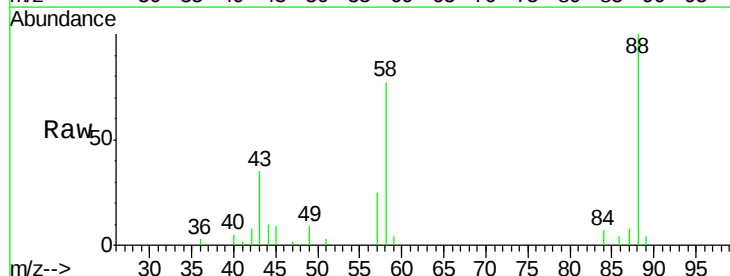
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



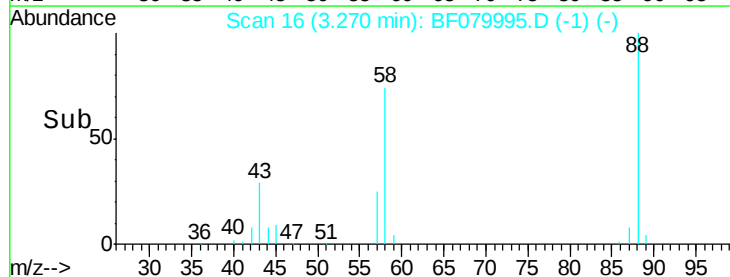
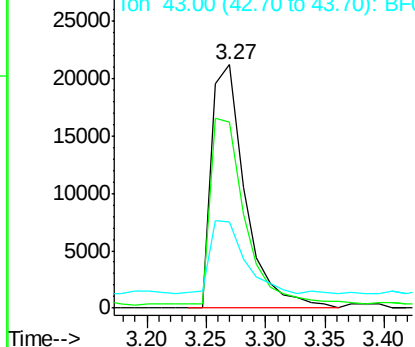
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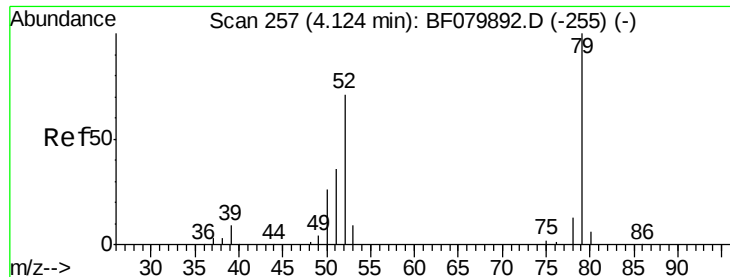
1,4-Dioxane
Concen: 36.23 ng
RT: 3.27 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	63.0	94.4
43	31.5	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: 38.62 ng

RT: 4.07 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

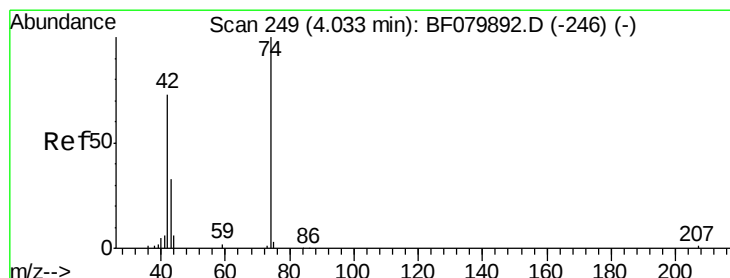
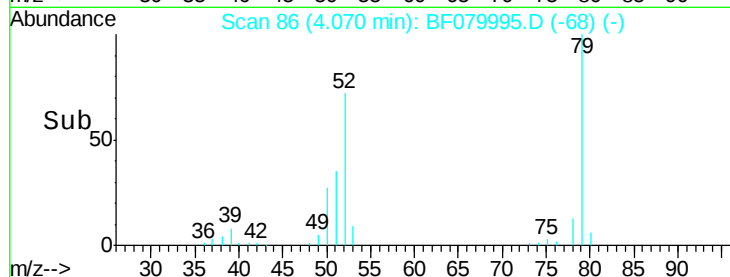
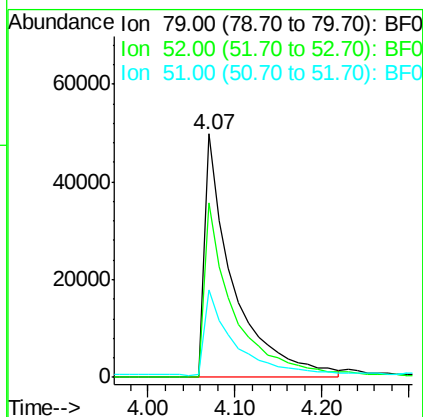
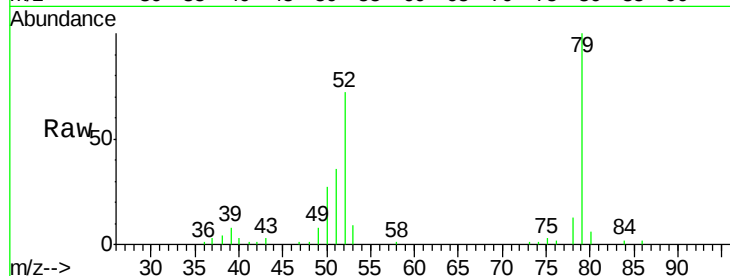
ClientSampleId :

PB84048BS

Tgt Ion:	79	Resp:	113548
Ion	Ratio	Lower	Upper
79	100		
52	71.6	56.7	85.1
51	35.8	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 41.82 ng

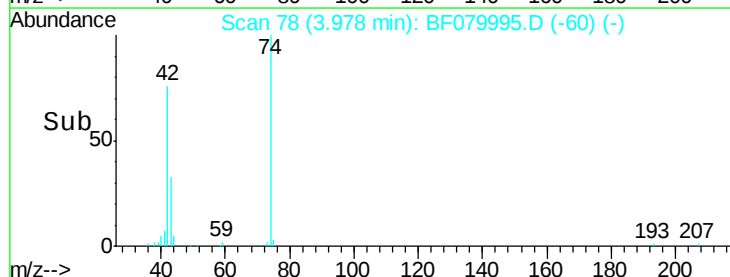
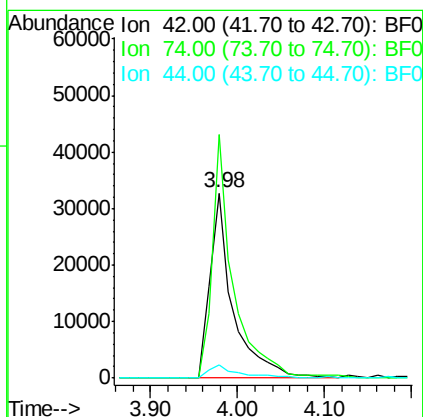
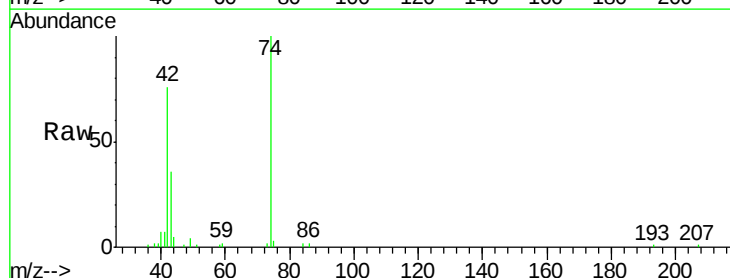
RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	42	Resp:	60593
Ion	Ratio	Lower	Upper
42	100		
74	131.3	109.0	163.6
44	7.0	7.7	11.5#





#5

2-Fluorophenol

Concen: 138.15 ng

RT: 5.97 min Scan# 252

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

Tgt Ion: 112 Resp: 348430
Ion Ratio Lower Upper

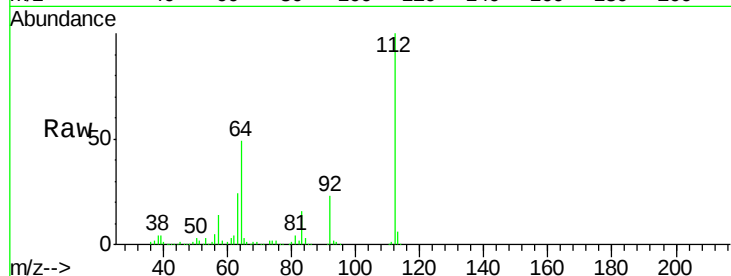
112 100

64 49.2 54.5 81.7#

63 24.1 27.9 41.9#

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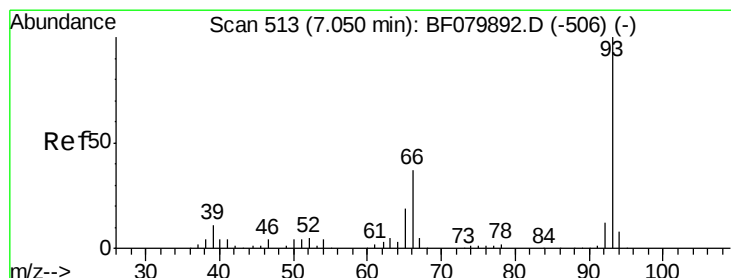
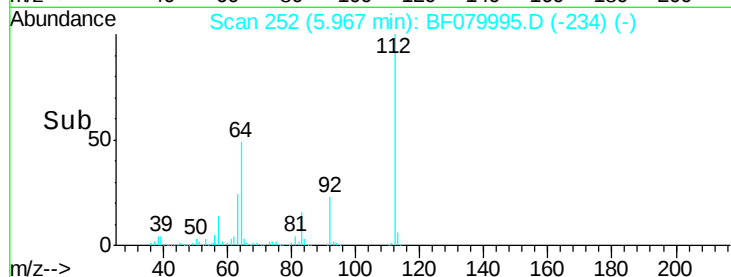
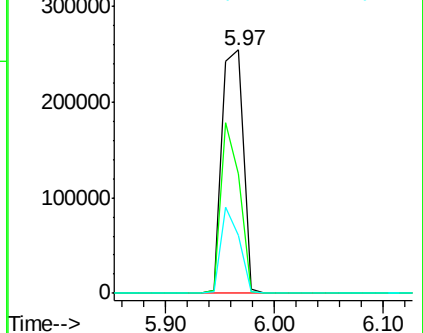
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.52 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.00 min

Lab File: BF079995.D

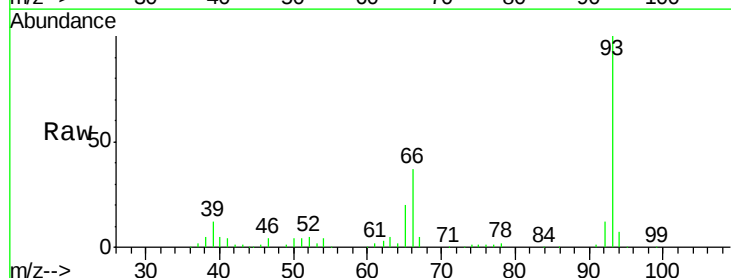
Acq: 16 Jun 2015 17:26

Tgt Ion: 93 Resp: 146778
Ion Ratio Lower Upper

93 100

66 37.1 29.4 44.0

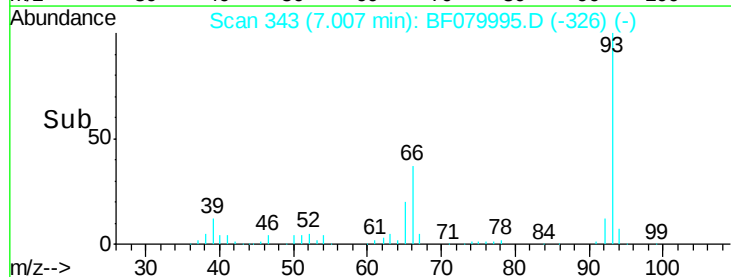
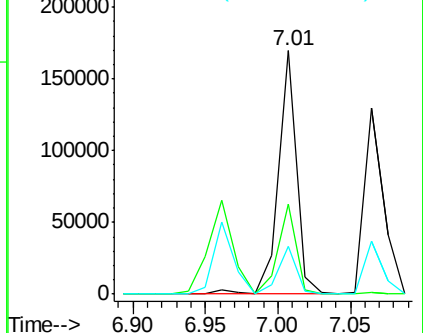
65 19.6 14.9 22.3

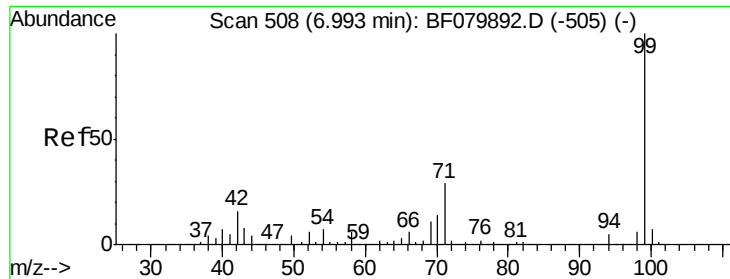


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.85 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

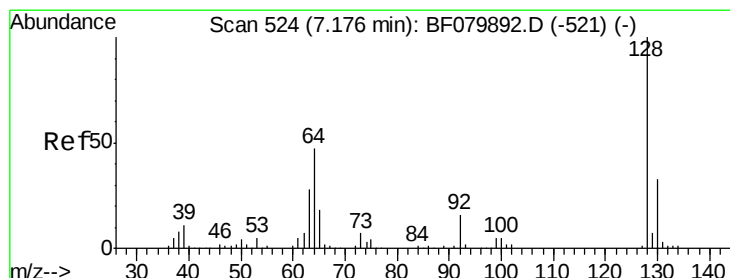
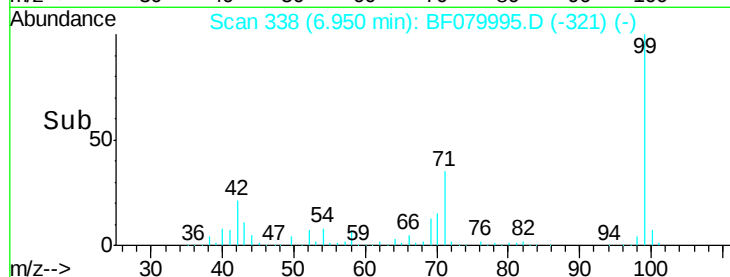
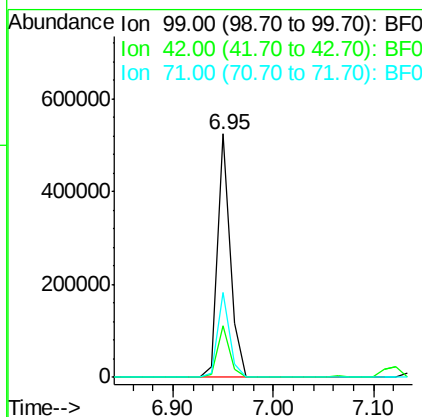
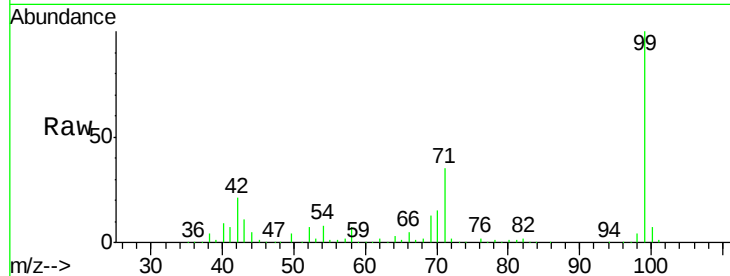
ClientSampleId :

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Tgt Ion:	99	Resp:	459902
Ion Ratio	Lower	Upper	
99	100		
42	21.1	12.9	19.3#
71	34.8	23.4	35.2

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#8

2-Chlorophenol

Concen: 43.90 ng

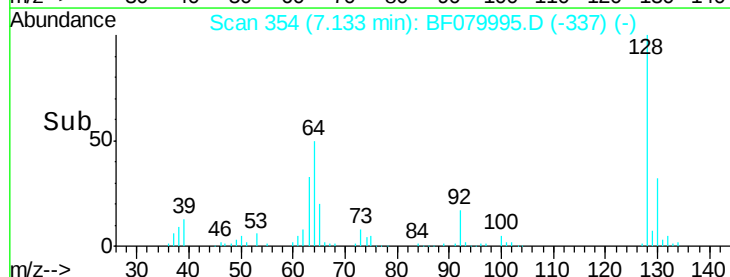
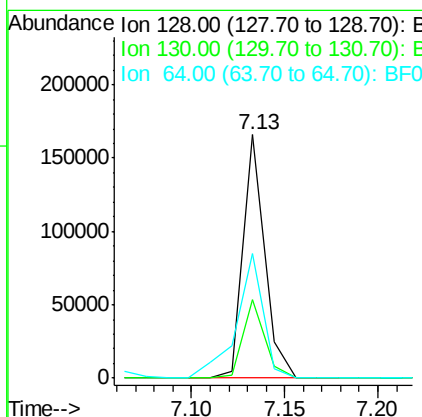
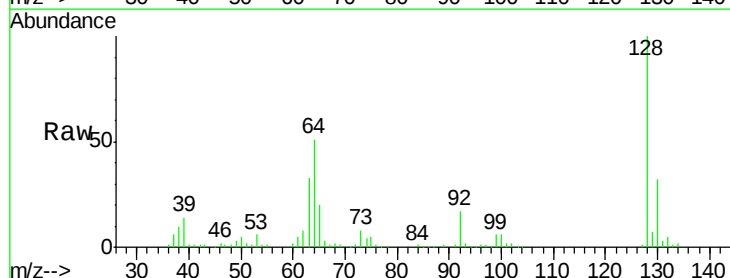
RT: 7.13 min Scan# 354

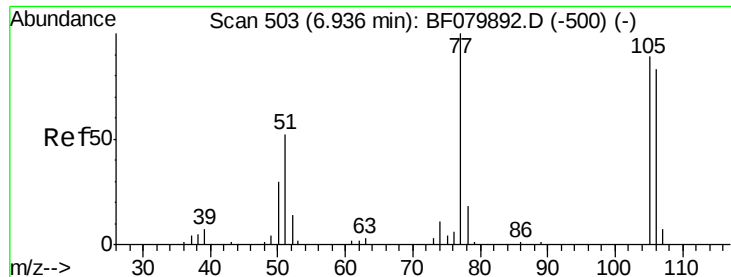
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	128	Resp:	134578
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	50.9	26.8	66.8





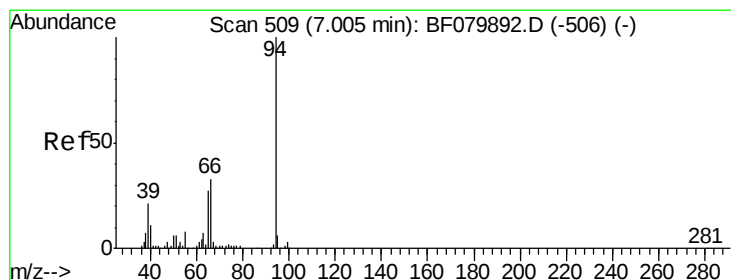
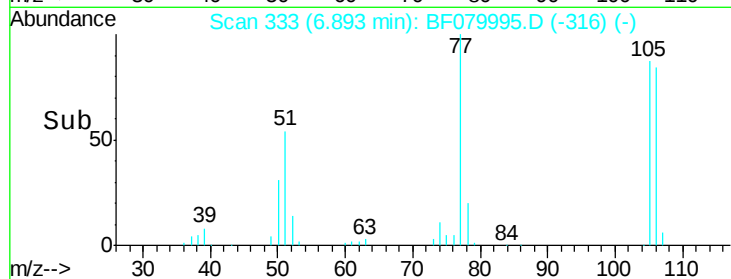
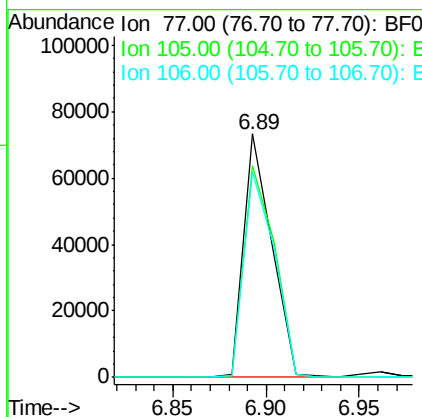
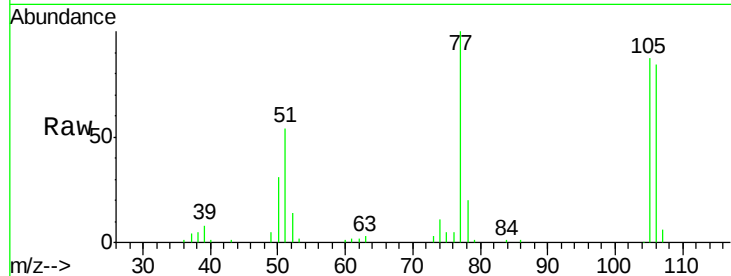
#9
Benzaldehyde
Concen: 38.87 ng
RT: 6.89 min Scan# 333
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.7	68.6	108.6
106	84.1	63.3	103.3

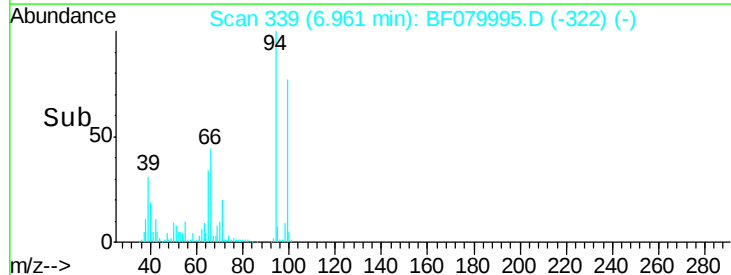
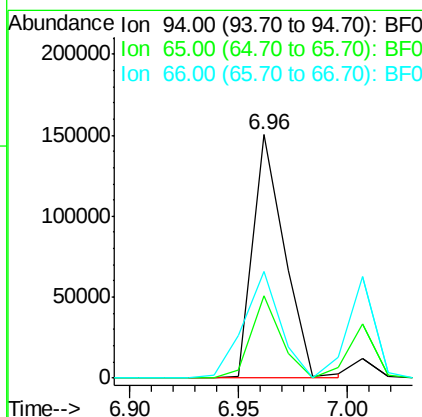
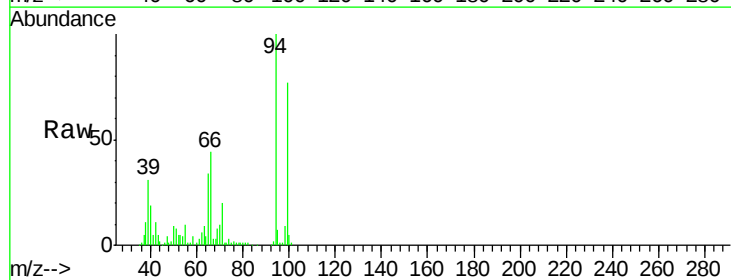
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#10
Phenol
Concen: 40.27 ng
RT: 6.96 min Scan# 339
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	7.0	47.0
66	43.6	13.3	53.3





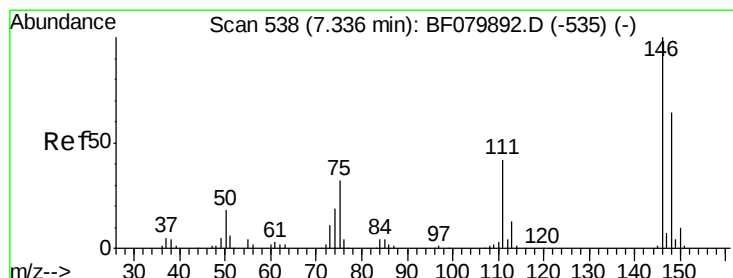
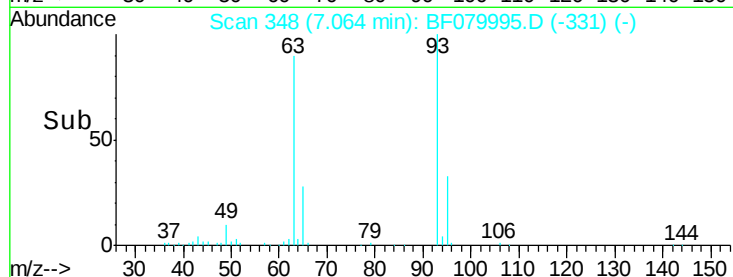
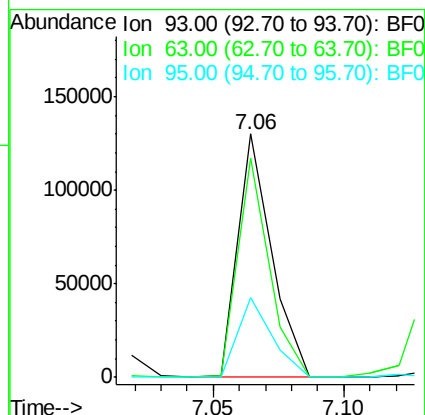
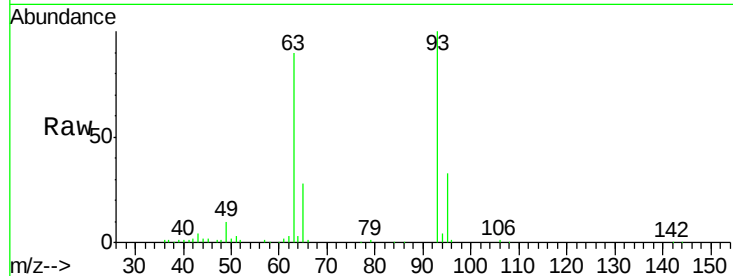
#11
bis(2-Chloroethyl)ether
Concen: 39.12 ng
RT: 7.06 min Scan# 348
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	118959		
63	89.8	58.7	98.7	
95	32.6	11.5	51.5	

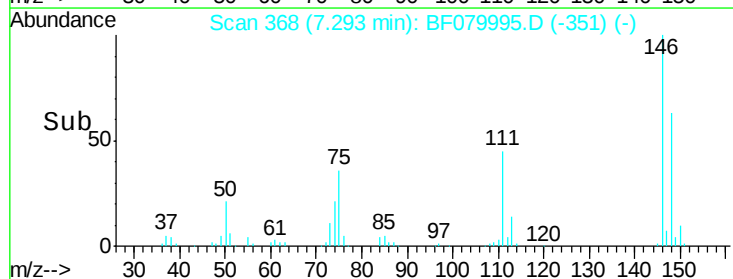
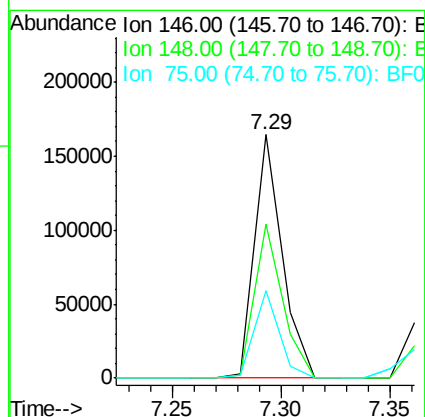
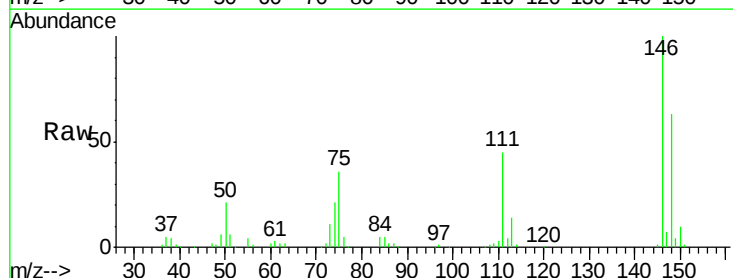
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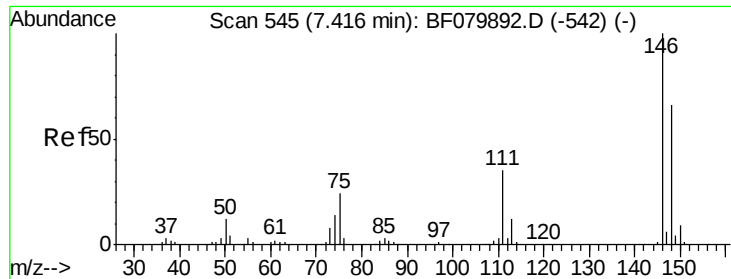
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#12
1,3-Dichlorobenzene
Concen: 40.60 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145175		
148	63.4	50.9	76.3	
75	35.7	25.8	38.6	





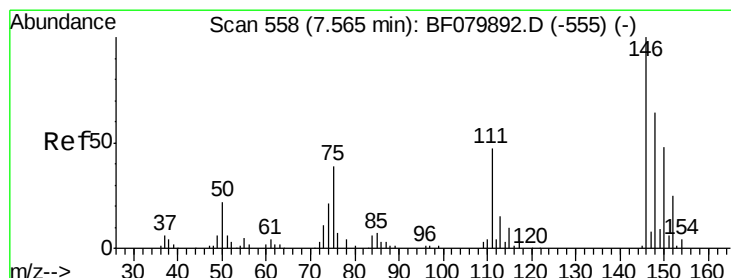
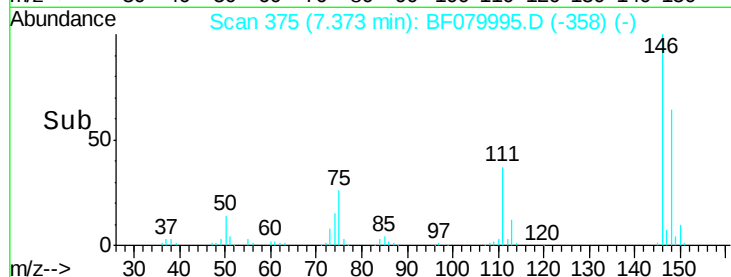
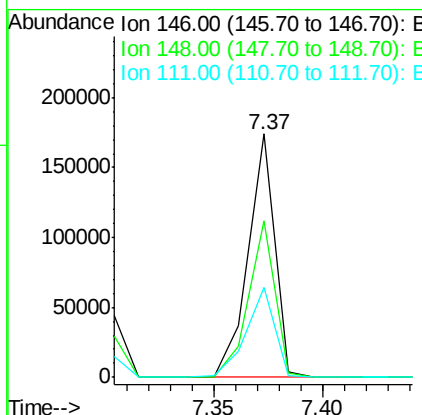
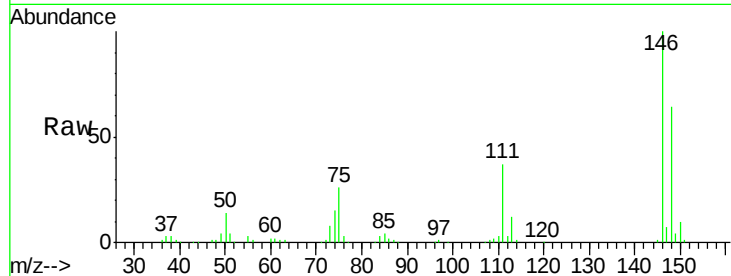
#13
 1,4-Dichlorobenzene
 Concen: 39.79 ng
 RT: 7.37 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	147794		
148	64.4	53.0	79.6	
111	37.2	28.2	42.2	

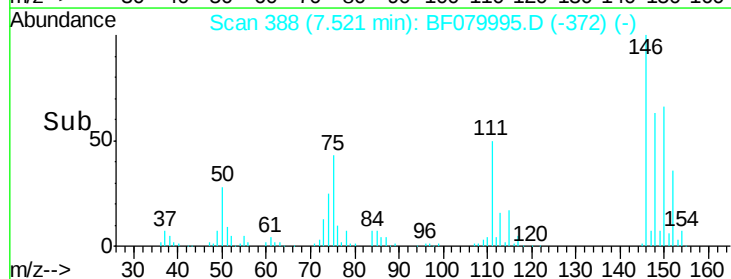
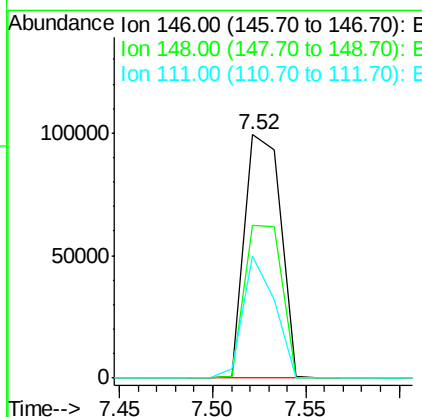
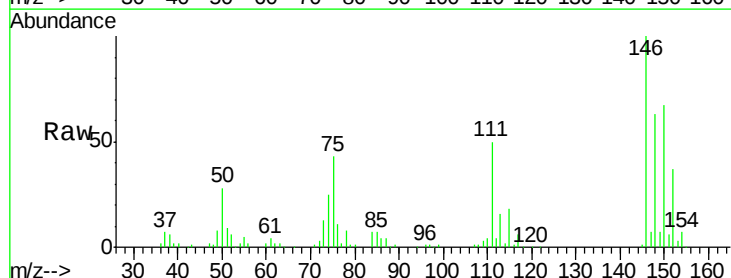
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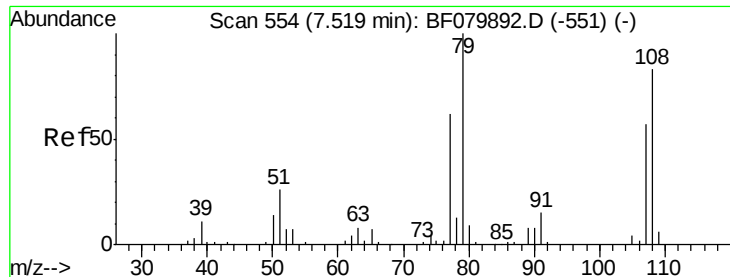
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#14
 1,2-Dichlorobenzene
 Concen: 40.23 ng
 RT: 7.52 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132726		
148	62.6	51.2	76.8	
111	50.3	37.3	55.9	





#15

Benzyl Alcohol

Concen: 45.32 ng

RT: 7.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

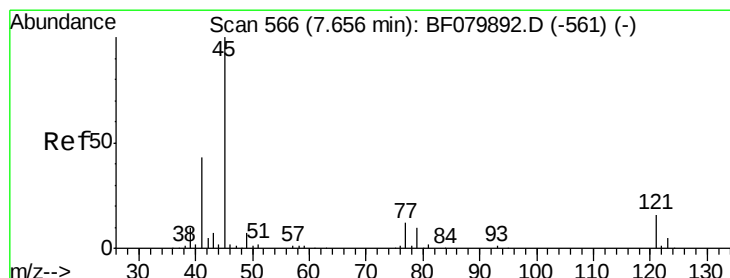
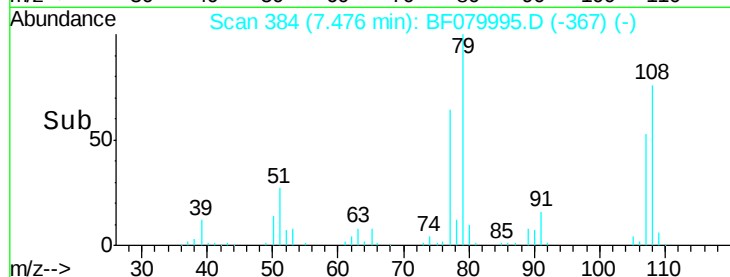
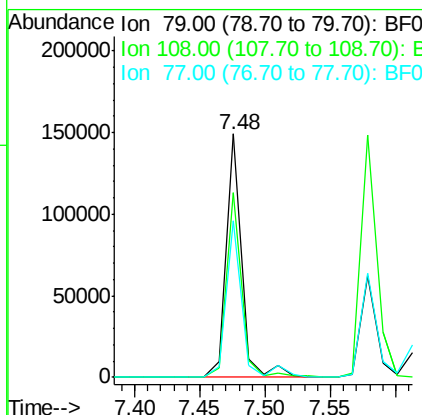
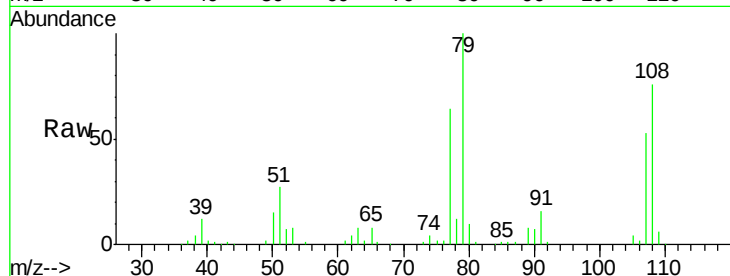
ClientSampleId :

PB84048BS

Tgt Ion:	79	Resp:	124867
Ion Ratio	Lower	Upper	
79	100		
108	76.0	66.4	99.6
77	64.3	49.4	74.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.48 ng

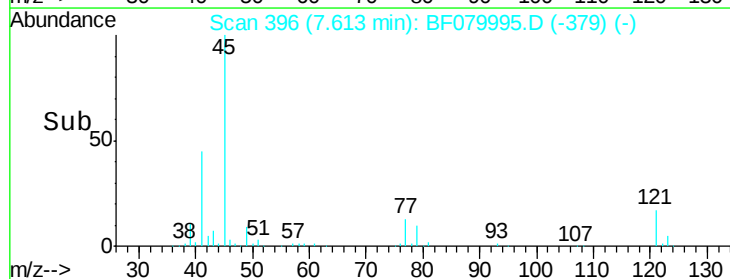
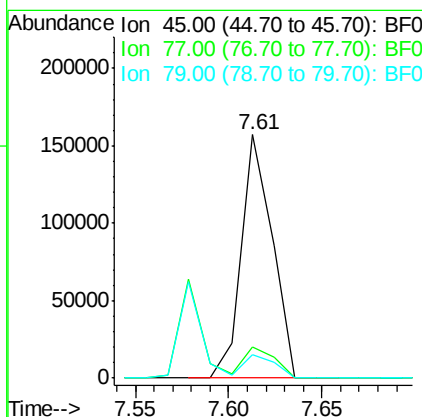
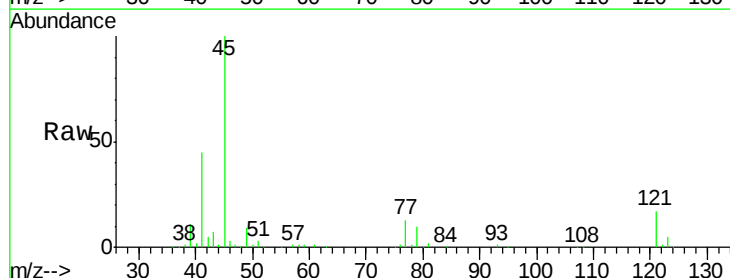
RT: 7.61 min Scan# 396

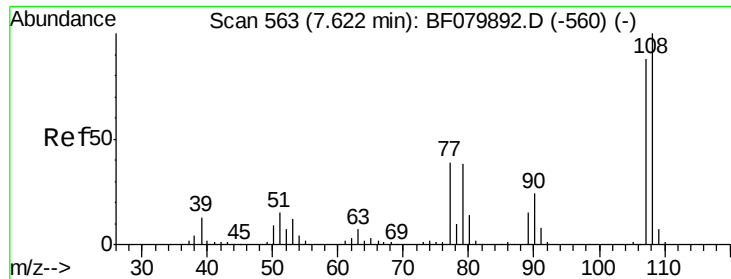
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	45	Resp:	182324
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	31.9
79	9.6	0.0	29.6





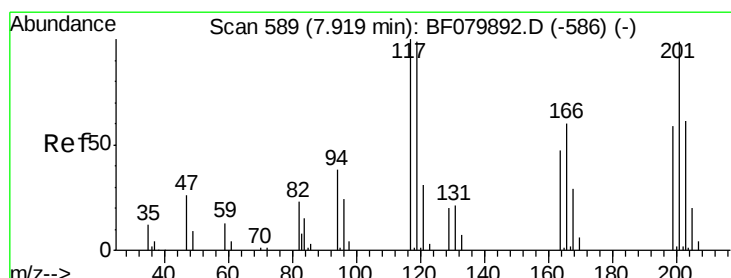
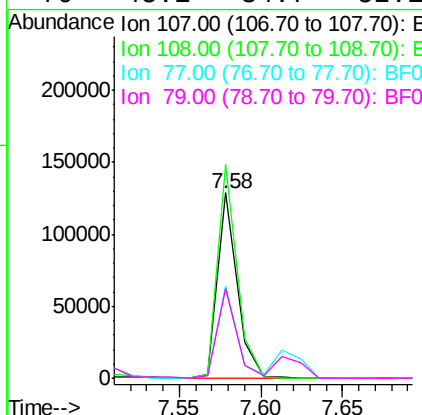
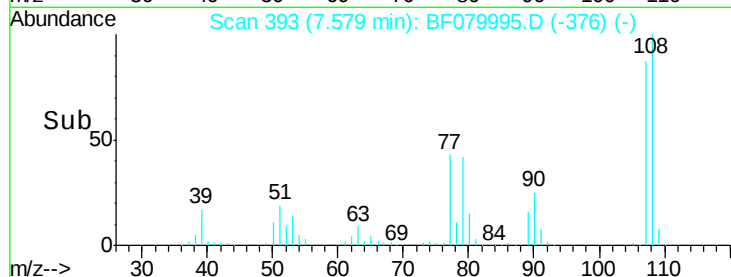
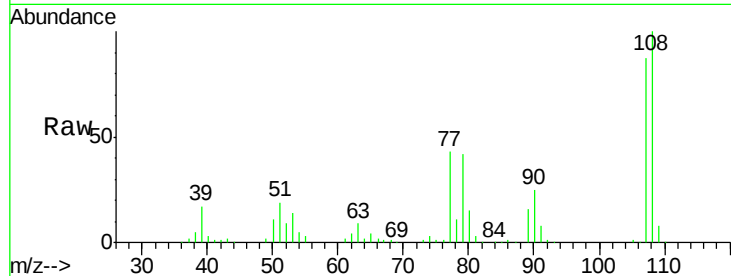
#17
2-Methylphenol
Concen: 40.31 ng
RT: 7.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion:	107	Resp:	107943
Ion Ratio	Lower	Upper	
107	100		
108	115.2	90.8	136.2
77	49.8	35.4	53.2
79	48.1	34.7	52.1

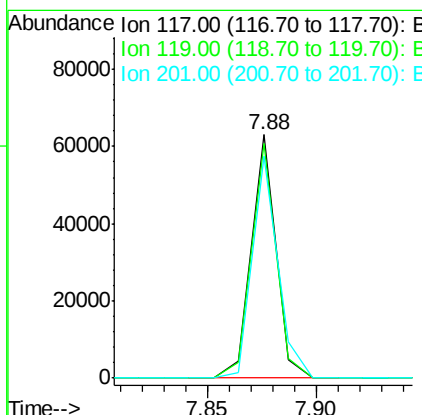
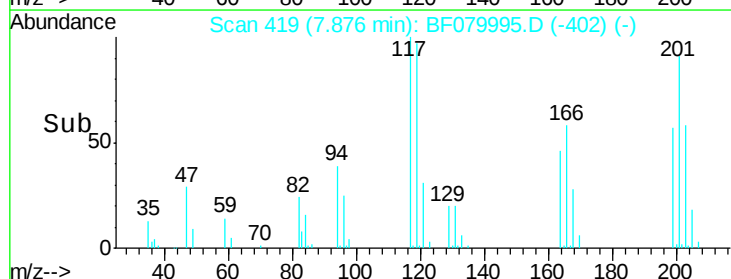
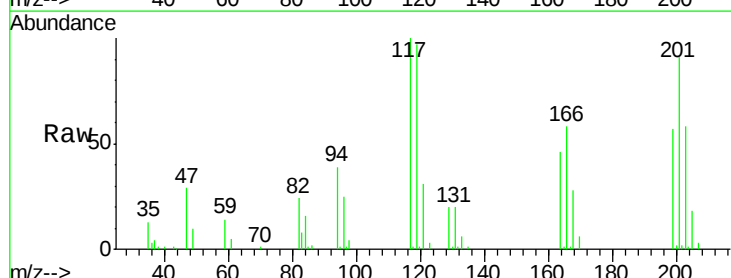
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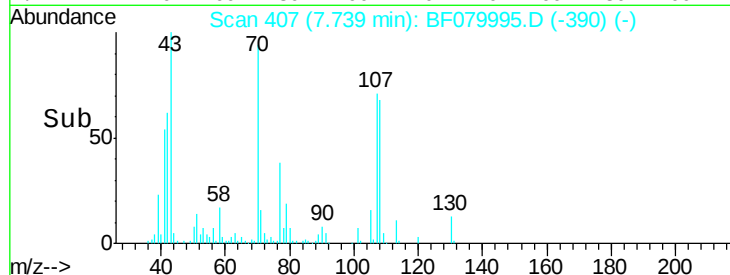
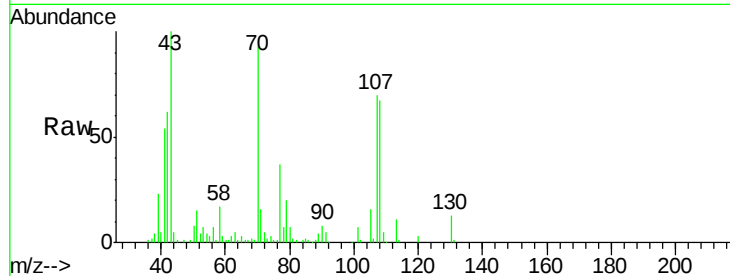
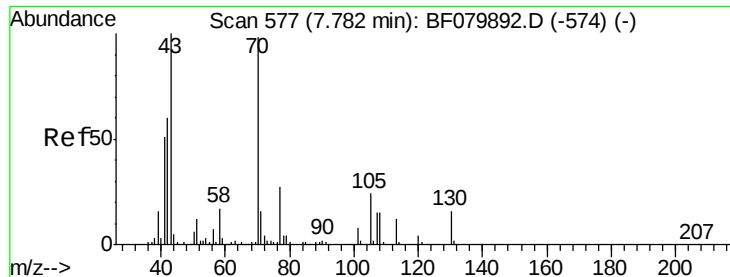
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#18
Hexachloroethane
Concen: 42.94 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:	117	Resp:	49384
Ion Ratio	Lower	Upper	
117	100		
119	96.5	79.0	118.6
201	91.3	79.0	118.6





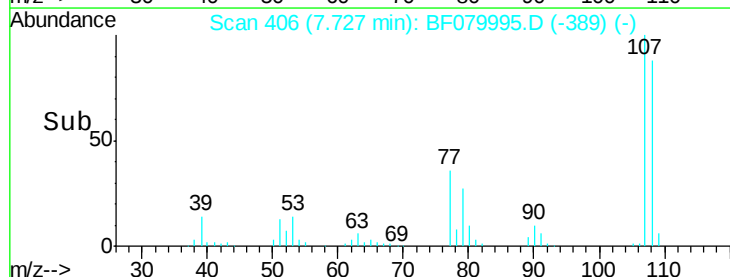
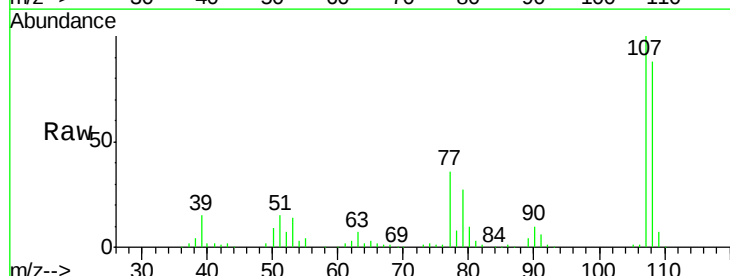
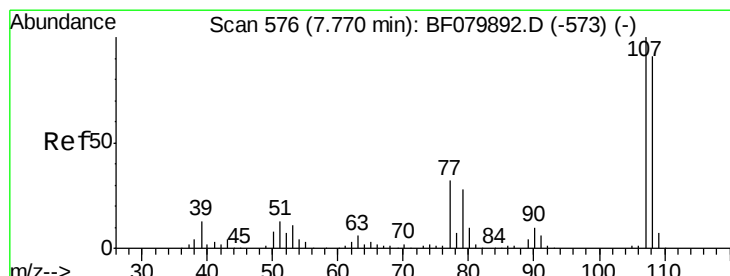
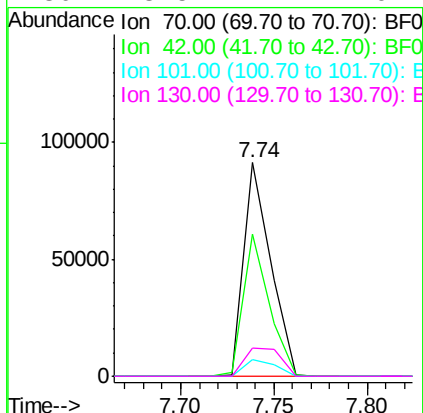
#19
n-Nitroso-di-n-propylamine
Concen: 37.32 ng
RT: 7.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

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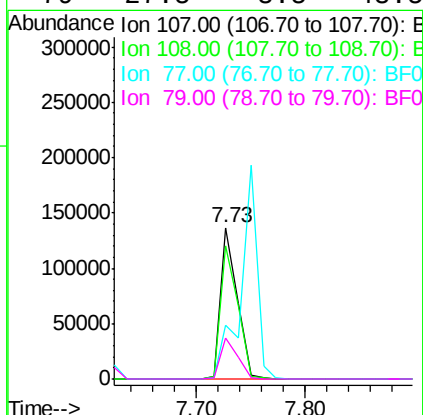
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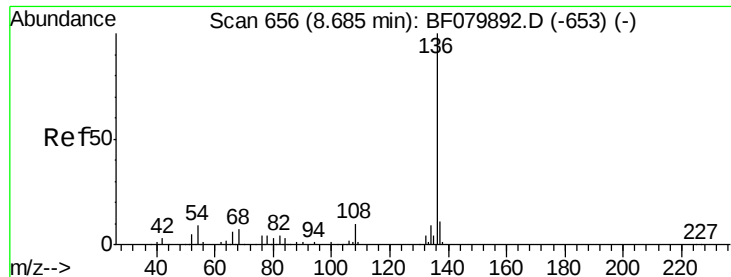
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.4	49.0	73.4
101	7.9	6.6	9.8
130	13.5	12.7	19.1



#20
3+4-Methylphenols
Concen: 42.70 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.1	111.1
77	35.8	12.2	52.2
79	27.5	8.5	48.5





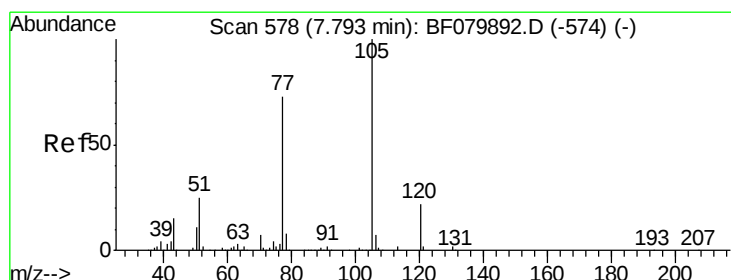
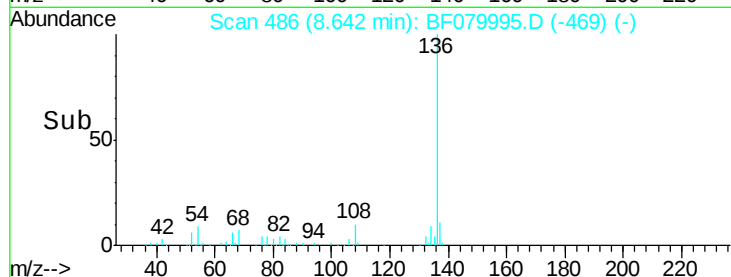
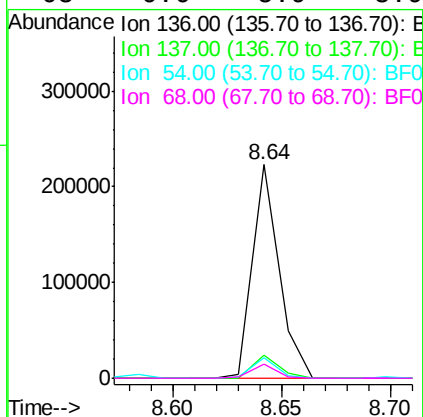
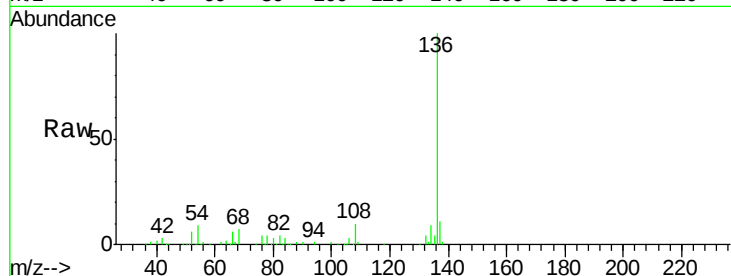
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	190575		
137	11.0	8.7	13.1	
54	9.5	7.3	10.9	
68	6.6	5.9	8.9	

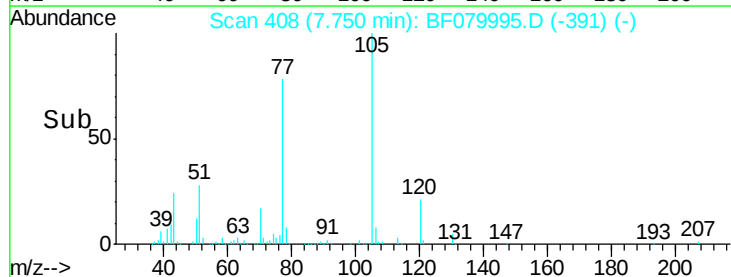
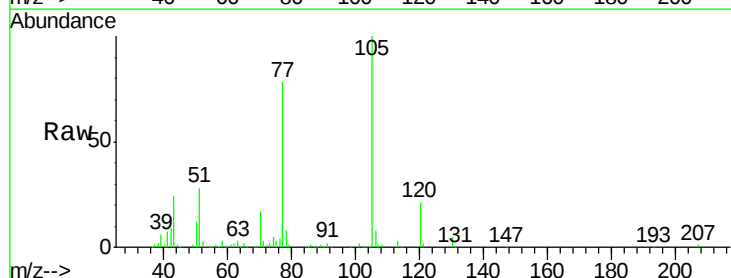
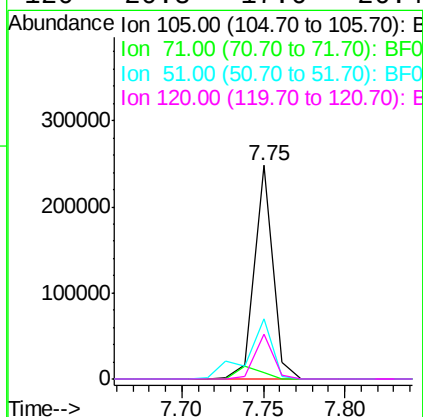
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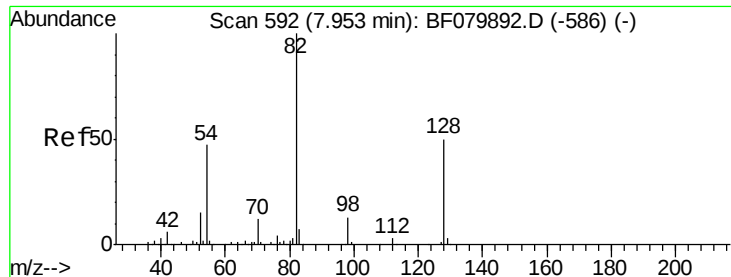
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#22
Acetophenone
Concen: 43.42 ng
RT: 7.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195424		
71	2.9	1.0	1.4#	
51	28.1	19.8	29.6	
120	20.8	17.6	26.4	





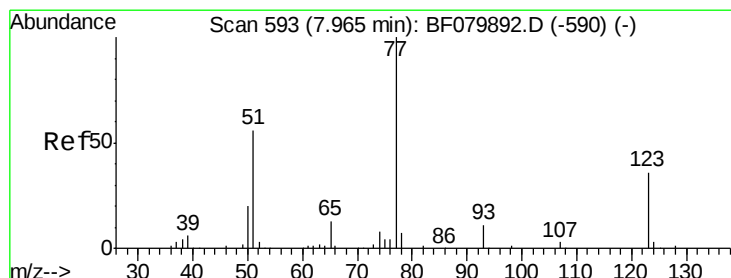
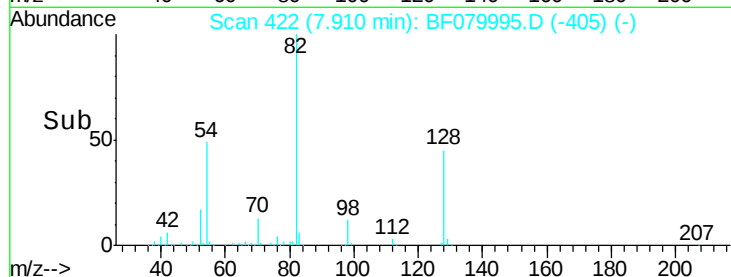
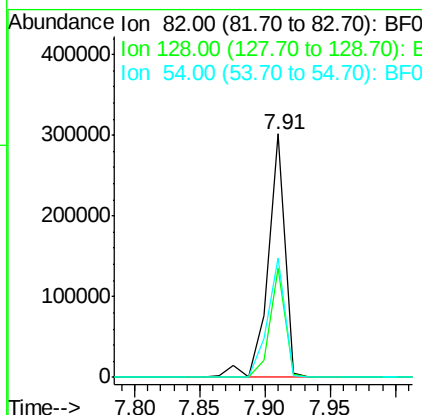
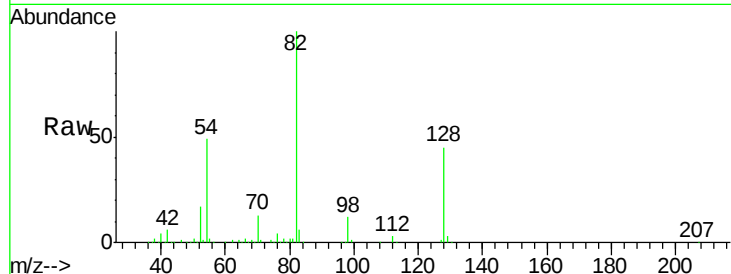
#23
 Nitrobenzene-d5
 Concen: 95.56 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.3	60.5
54	49.1	38.0	57.0

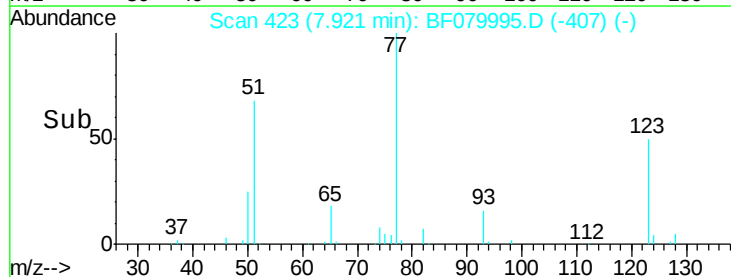
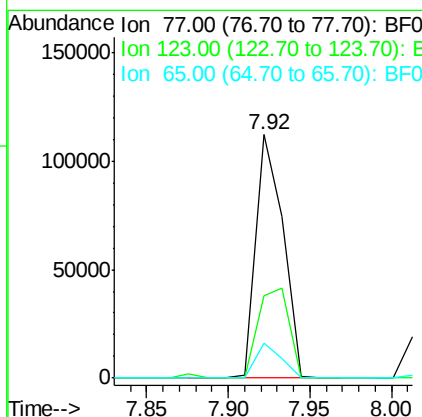
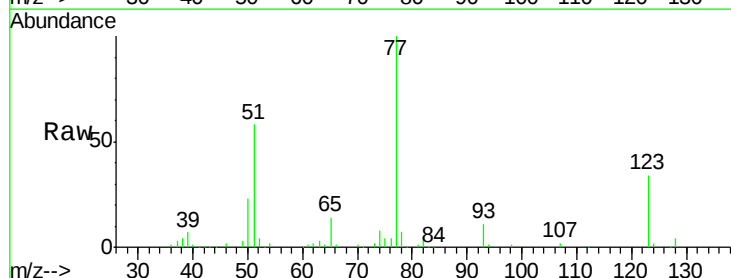
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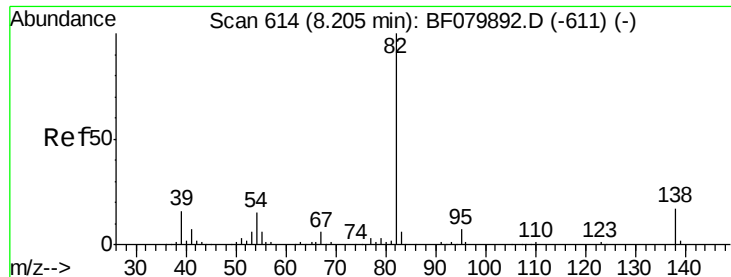
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#24
 Nitrobenzene
 Concen: 42.25 ng
 RT: 7.92 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.8	28.8	43.2
65	14.2	10.3	15.5





#25

Isophorone

Concen: 38.87 ng

RT: 8.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

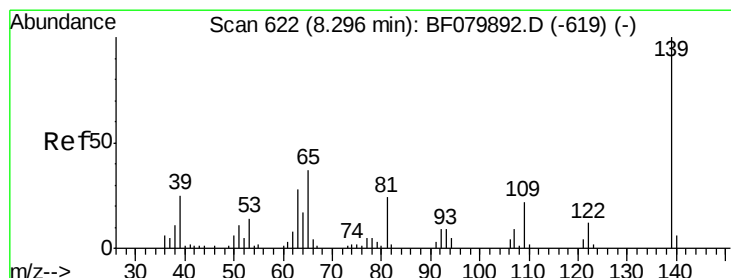
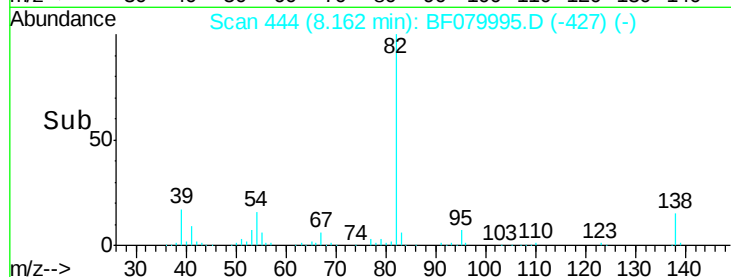
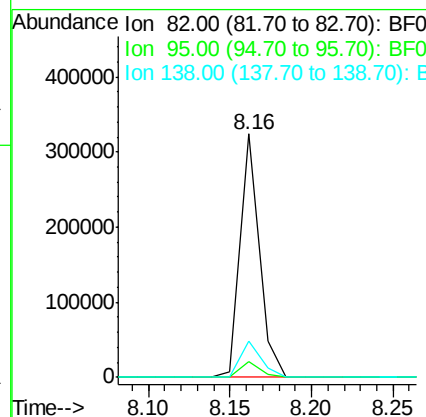
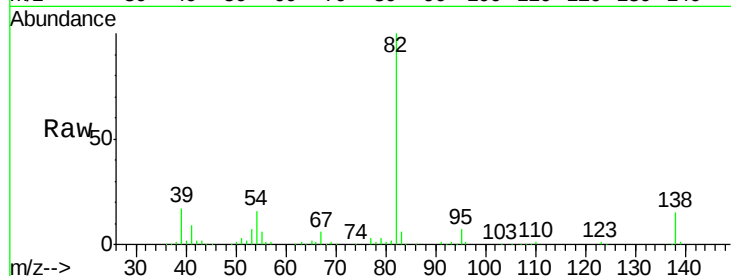
ClientSampleId :

PB84048BS

Tgt Ion:	82	Resp:	261291
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	15.0	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.71 ng

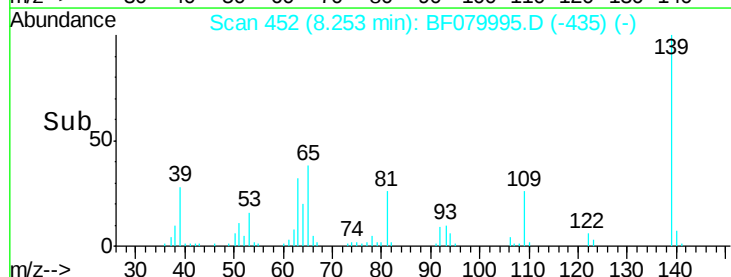
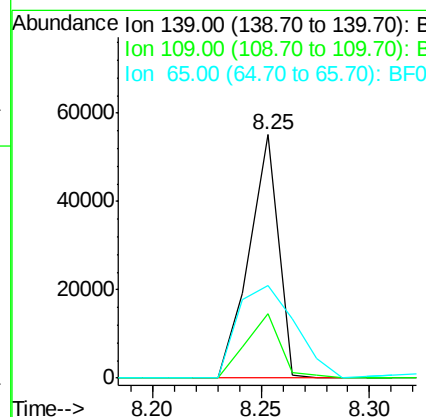
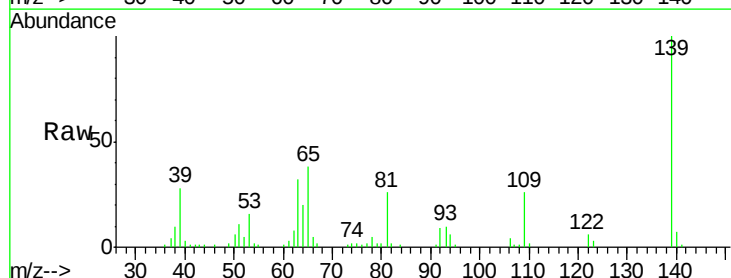
RT: 8.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	139	Resp:	51509
Ion Ratio	Lower	Upper	
139	100		
109	26.3	17.8	26.6
65	38.2	29.4	44.0





#27

2,4-Dimethylphenol

Concen: 39.58 ng

RT: 8.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

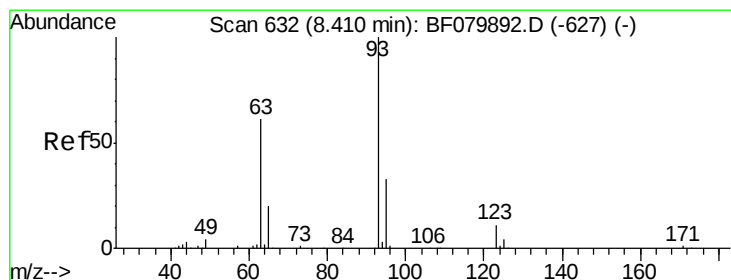
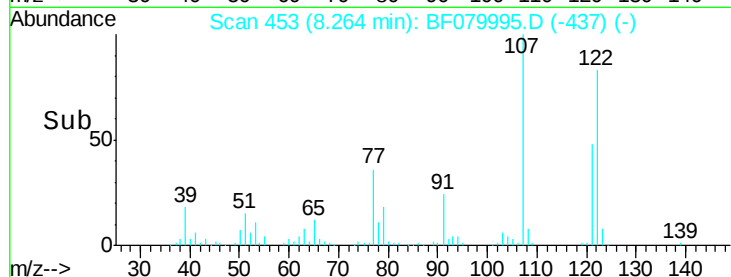
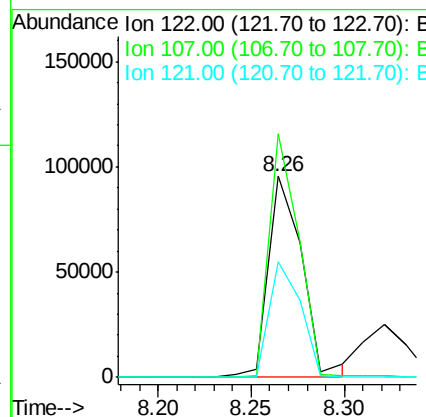
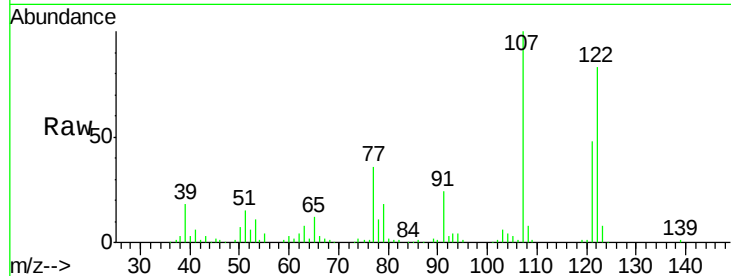
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Tgt Ion:	122	Resp:	119223
Ion Ratio	Lower	Upper	
122	100		
107	121.2	91.7	137.5
121	57.6	47.8	71.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.12 ng

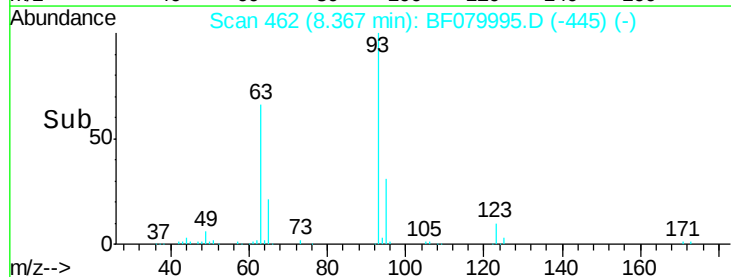
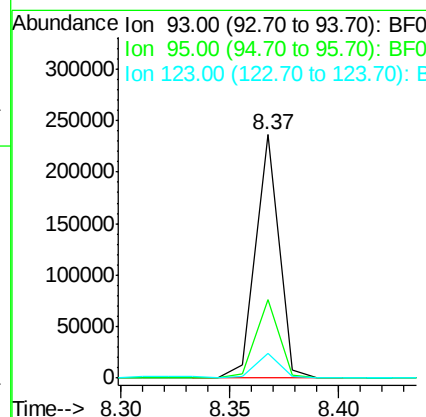
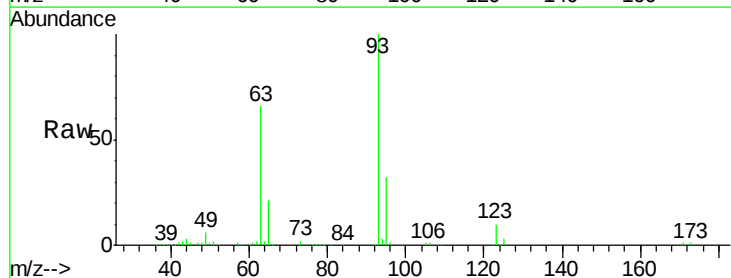
RT: 8.37 min Scan# 462

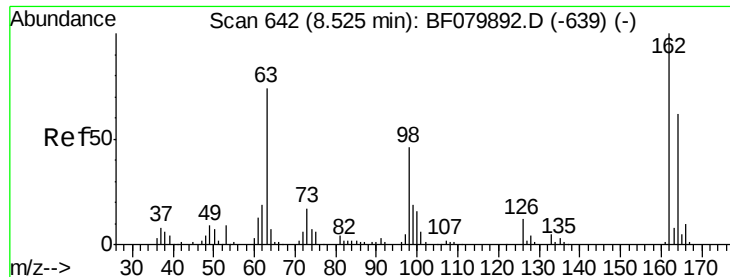
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	93	Resp:	176088
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.1	39.1
123	10.3	8.9	13.3





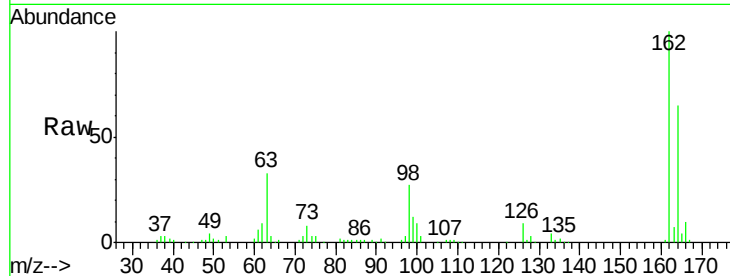
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 8.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

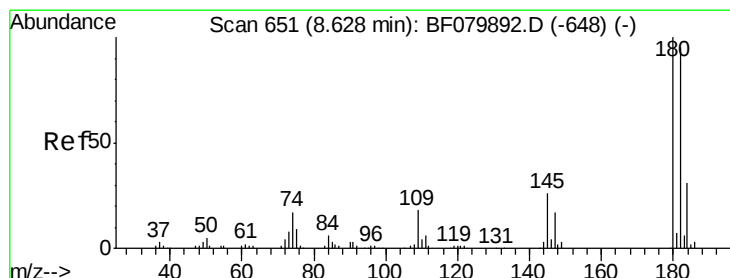
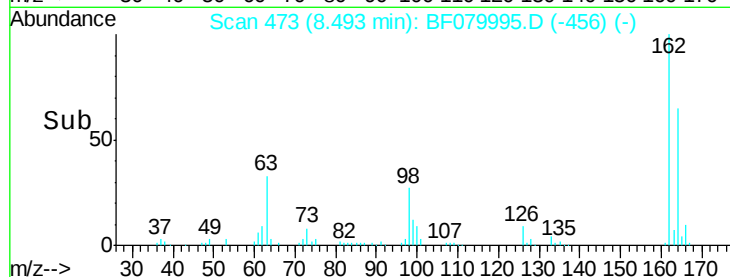
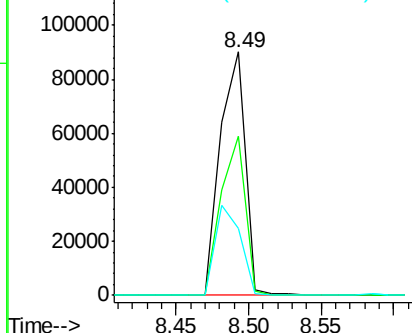
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	108247		
164	65.4	42.2	82.2	
98	27.3	26.0	66.0	

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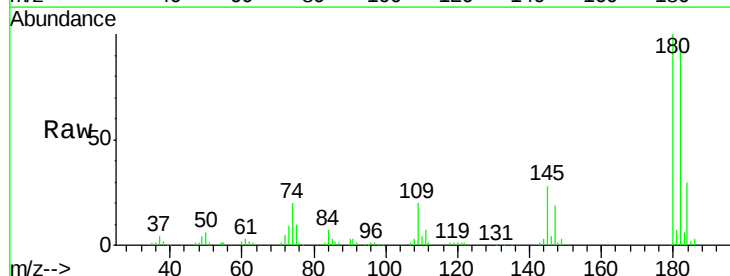


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

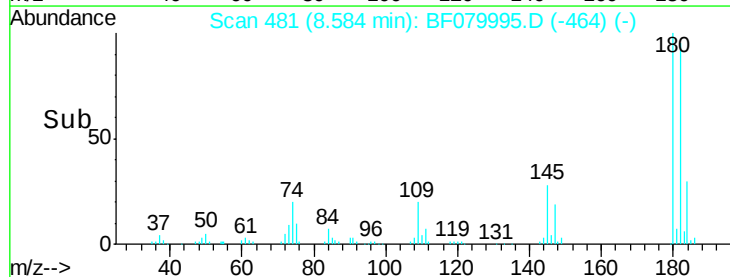
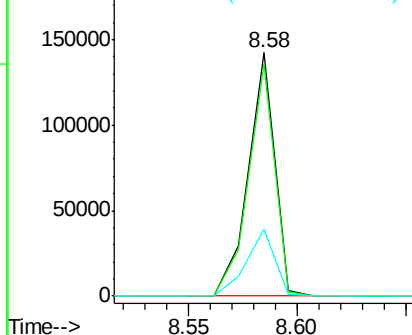


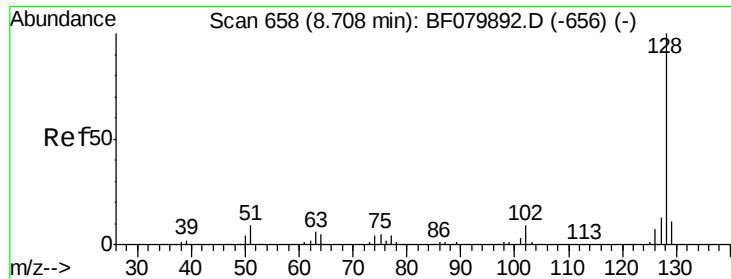
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 8.58 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119862		
182	95.4	75.7	113.5	
145	27.7	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





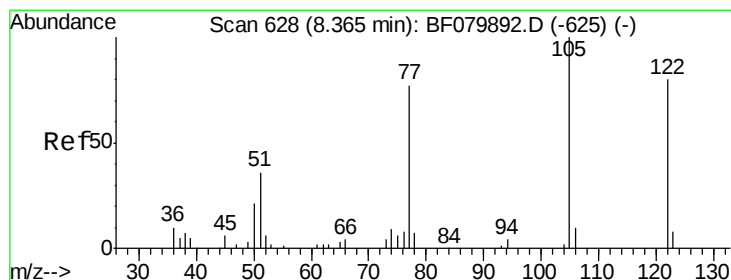
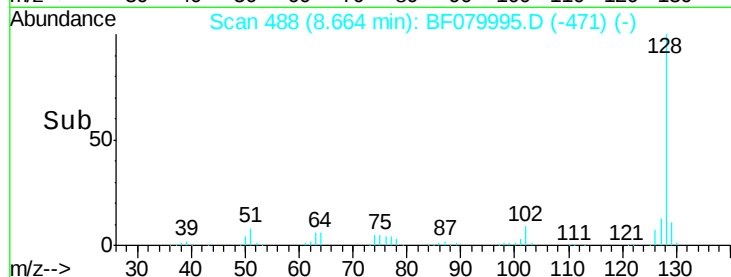
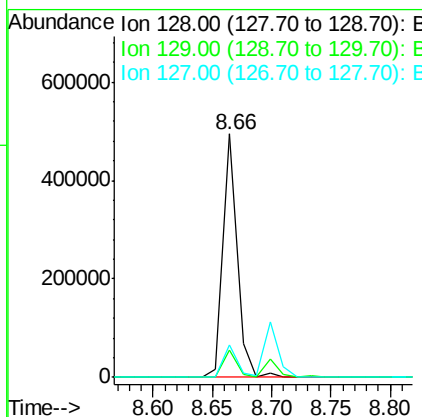
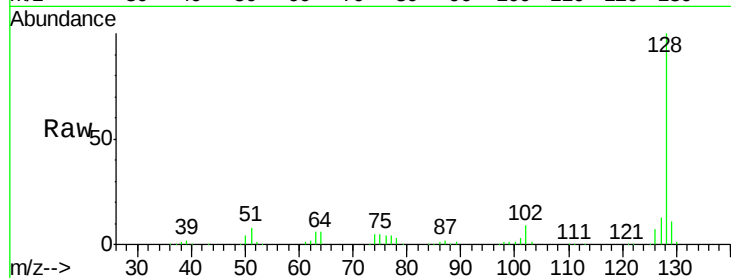
#31
Naphthalene
Concen: 38.88 ng
RT: 8.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.5	15.7

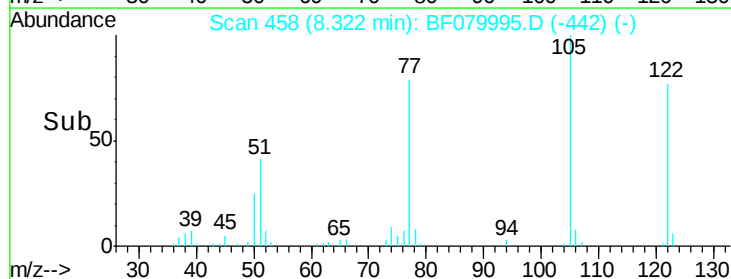
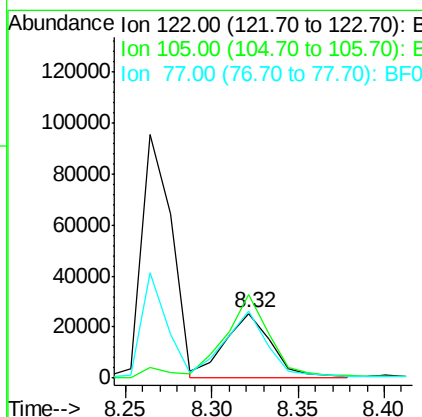
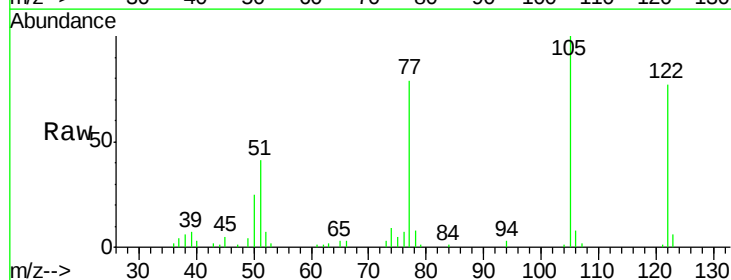
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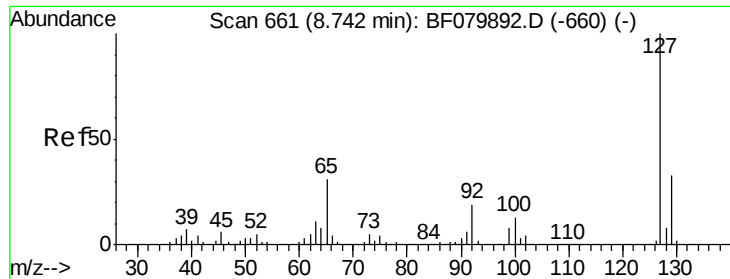
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#32
Benzoic acid
Concen: 42.49 ng m
RT: 8.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	102.7	142.7
77	103.5	77.1	117.1





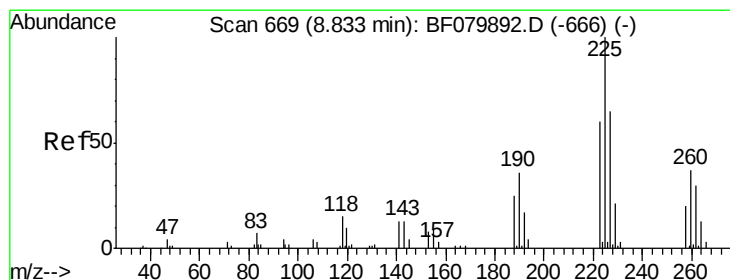
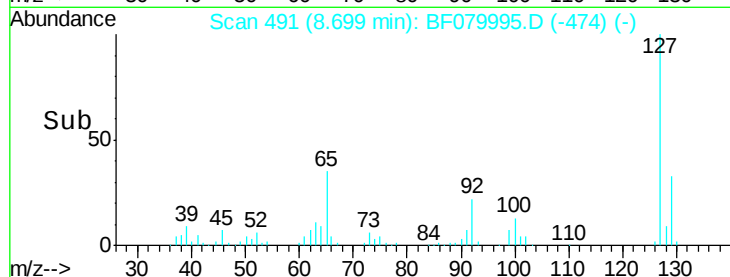
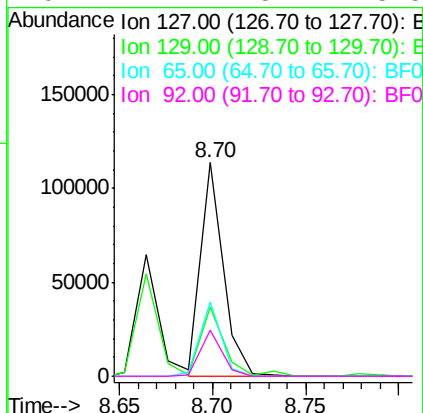
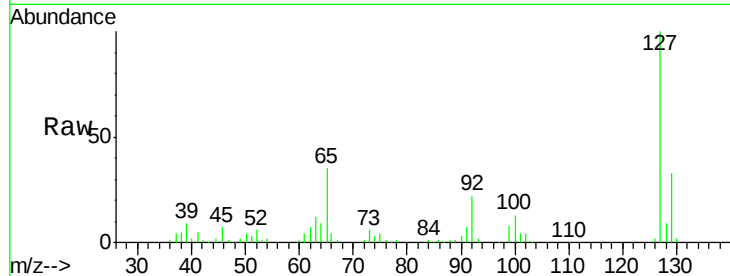
#33
 4-Chloroaniline
 Concen: 23.31 ng
 RT: 8.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	94265		
129	32.6	26.1	39.1	
65	34.6	25.5	38.3	
92	21.7	15.7	23.5	

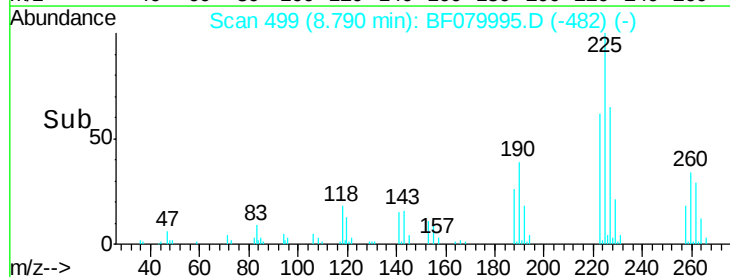
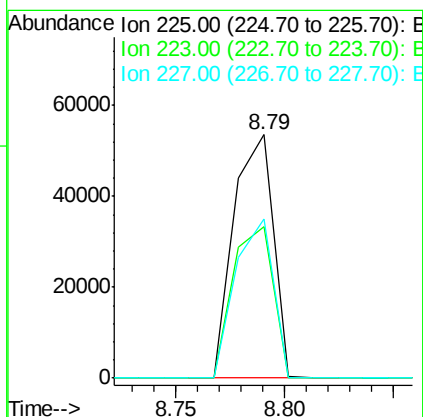
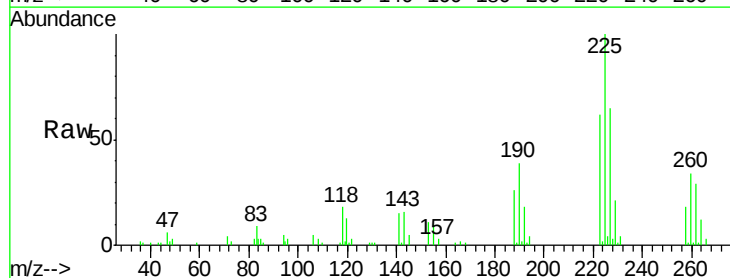
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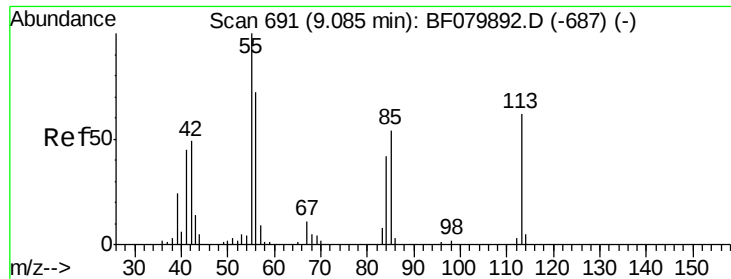
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#34
 Hexachlorobutadiene
 Concen: 37.73 ng
 RT: 8.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67175		
223	62.1	47.8	71.6	
227	65.4	52.0	78.0	





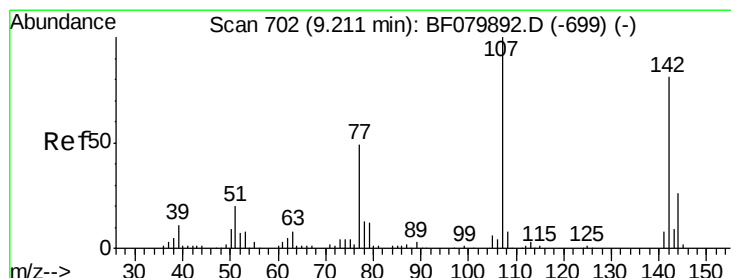
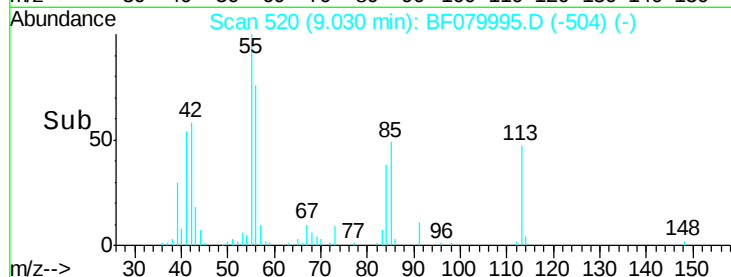
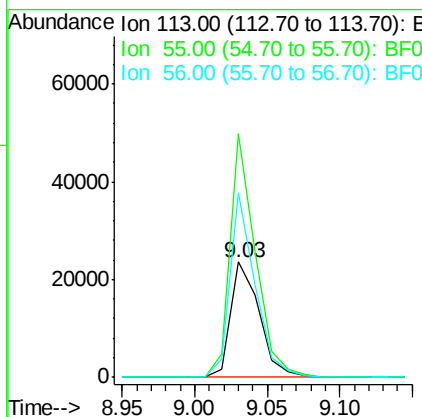
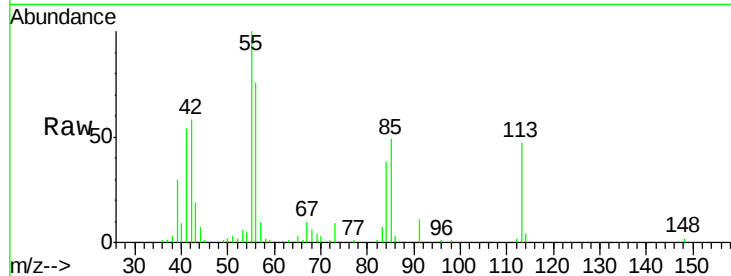
#35
 Caprolactam
 Concen: 40.37 ng
 RT: 9.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion: 113 Resp: 32219
 Ion Ratio Lower Upper
 113 100
 55 211.1 141.4 181.4#
 56 160.6 95.9 135.9#

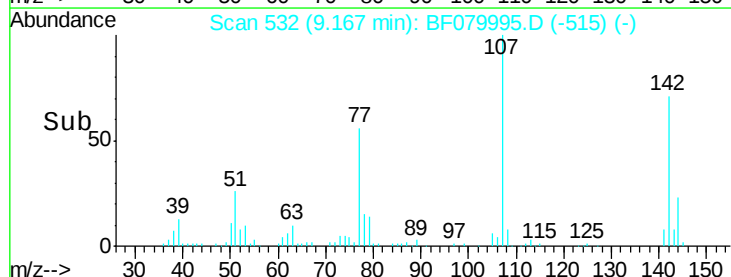
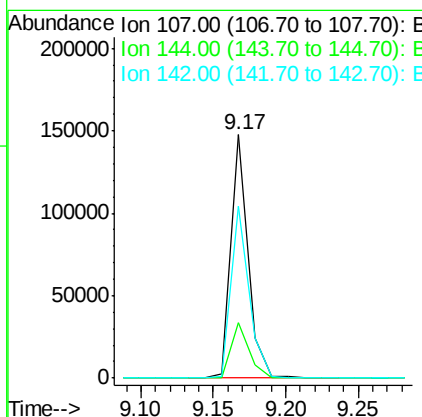
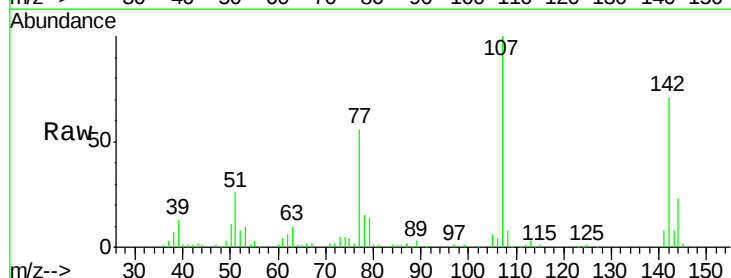
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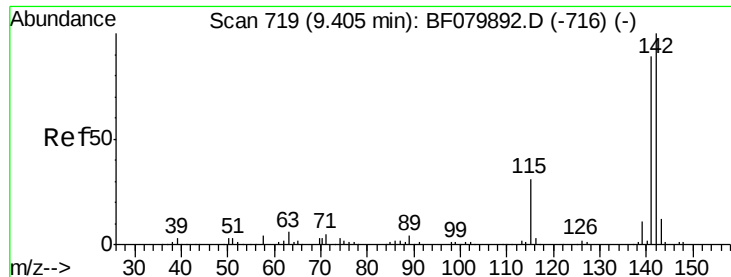
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#36
 4-Chloro-3-methylphenol
 Concen: 42.02 ng
 RT: 9.17 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

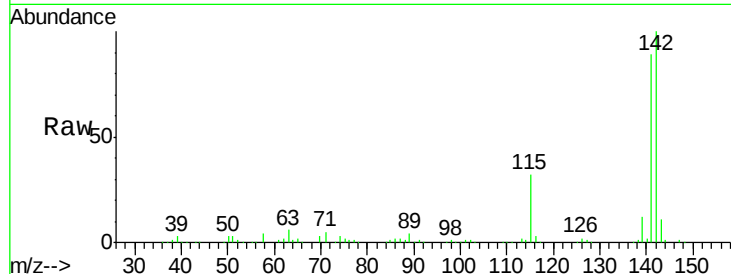
Tgt Ion: 107 Resp: 121106
 Ion Ratio Lower Upper
 107 100
 144 23.0 21.0 31.6
 142 70.6 64.5 96.7





#37
 2-Methylnaphthalene
 Concen: 41.16 ng
 RT: 9.36 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

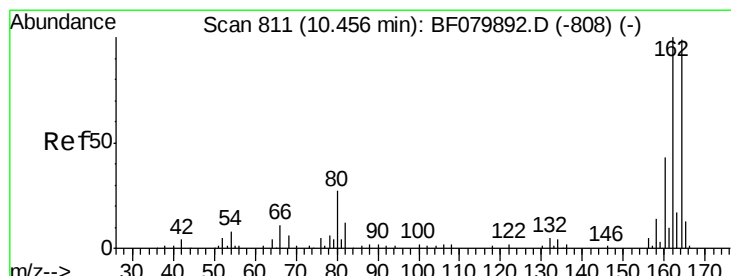
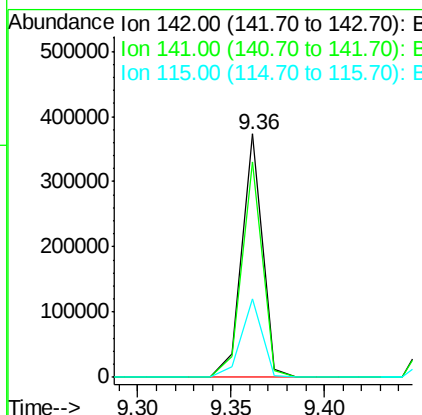
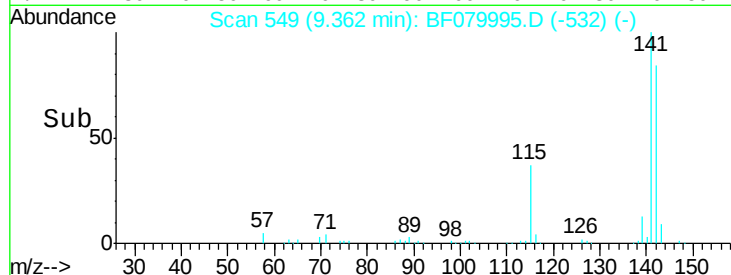
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS



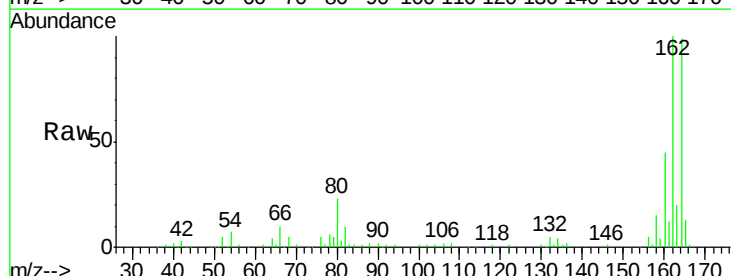
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	289679		
141	88.7	70.9	106.3	
115	32.4	25.0	37.4	

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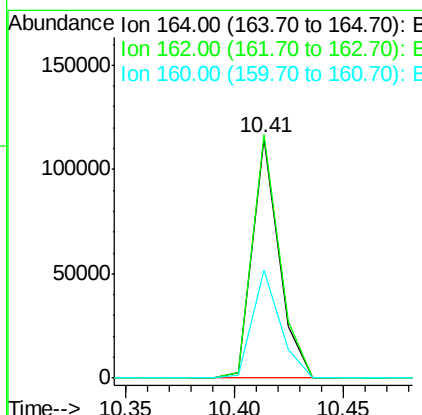
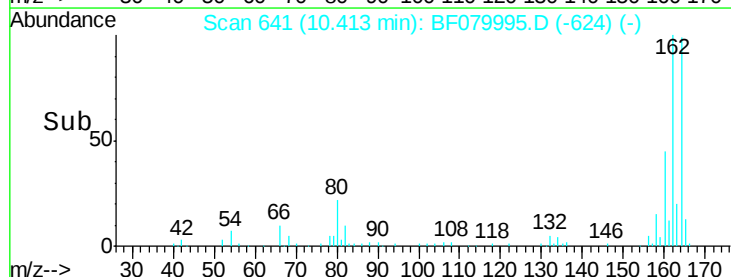
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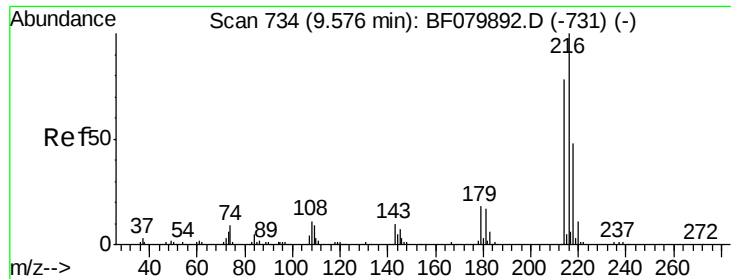


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97689		
162	101.4	80.7	121.1	
160	45.2	34.6	51.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.23 ng

RT: 9.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF079995.D

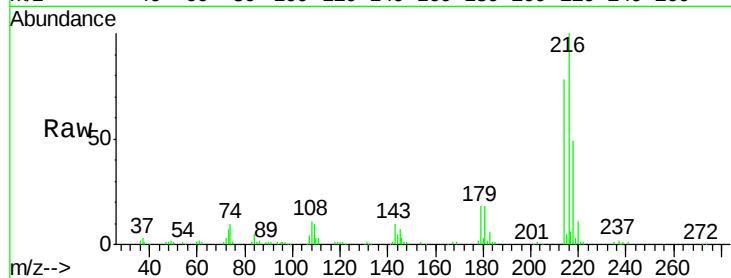
Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

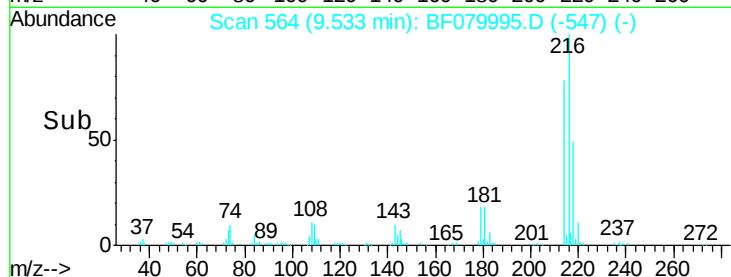
PB84048BS



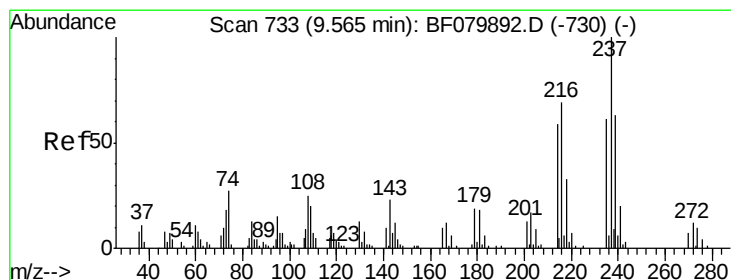
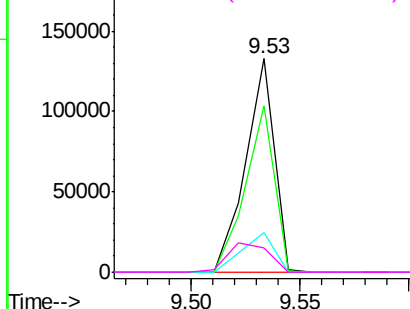
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	20.3	15.8	23.8
108	19.5	13.7	20.5

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



#40

Hexachlorocyclopentadiene

Concen: 83.16 ng

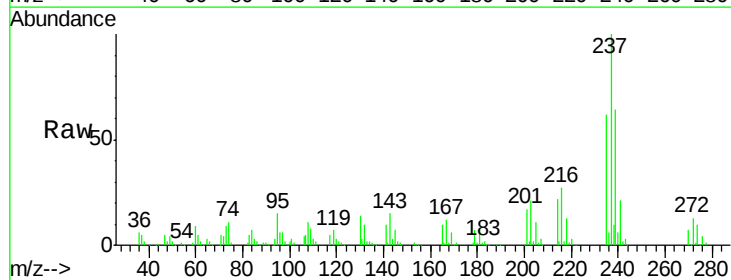
RT: 9.52 min Scan# 563

Delta R.T. -0.00 min

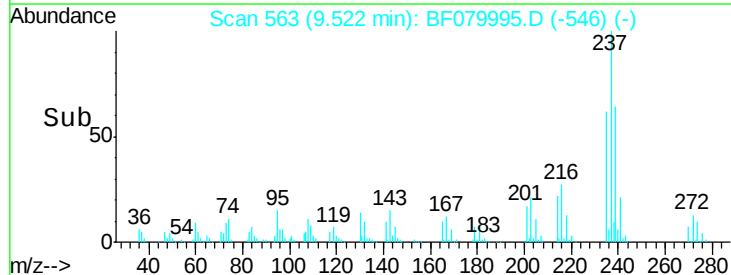
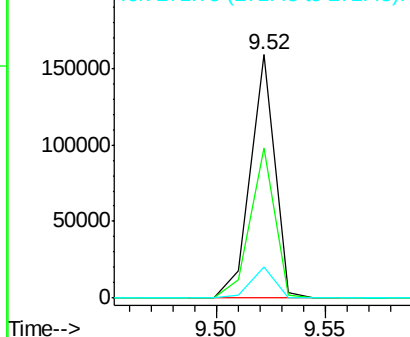
Lab File: BF079995.D

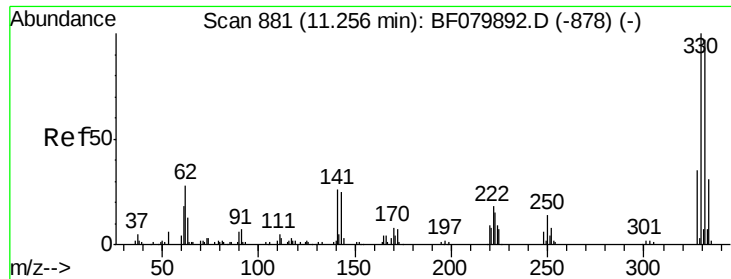
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.3	81.3
272	12.6	0.0	32.2



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





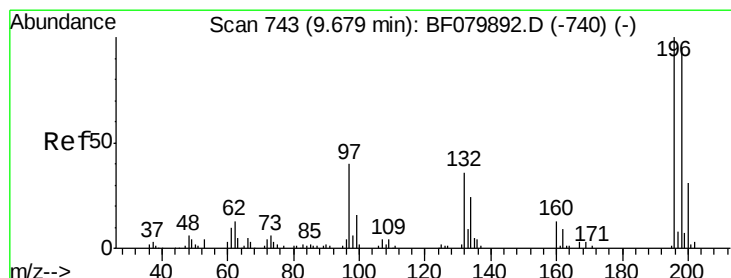
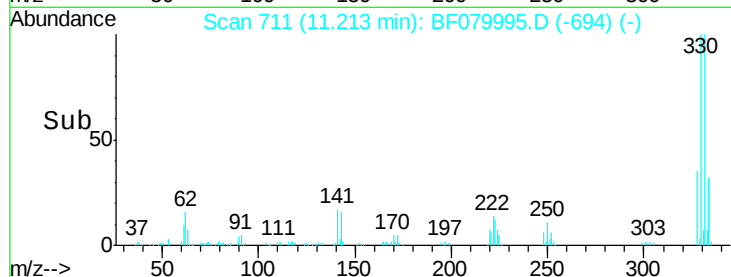
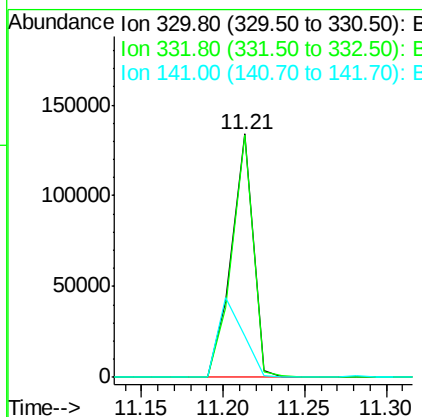
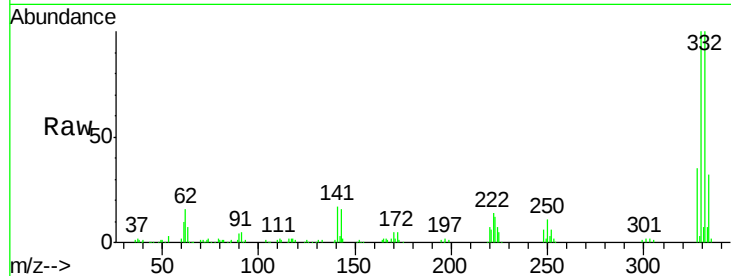
#41
 2,4,6-Tribromophenol
 Concen: 125.89 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123772		
332	97.8	77.3	115.9	
141	37.4	26.8	40.2	

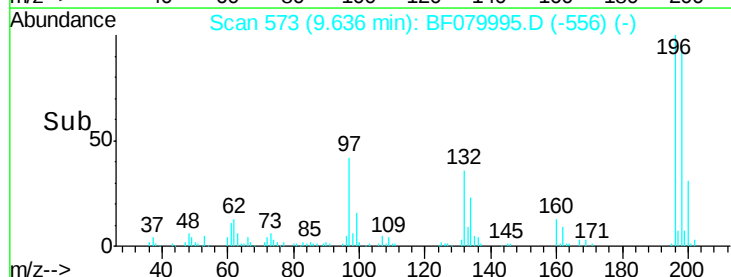
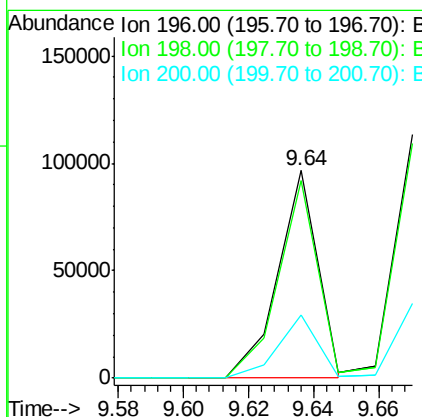
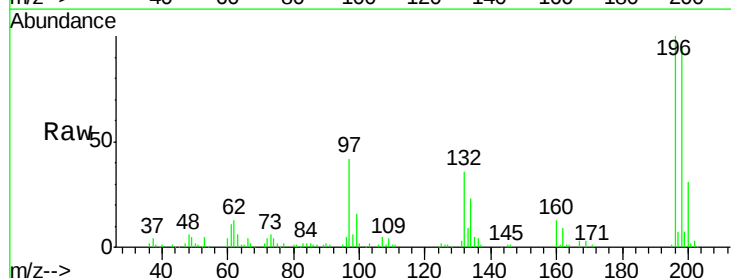
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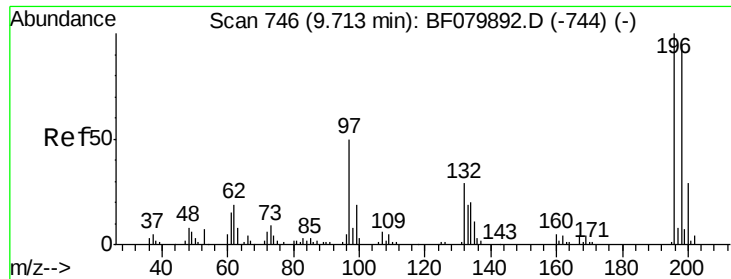
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#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82125		
198	95.4	76.0	114.0	
200	30.6	24.9	37.3	





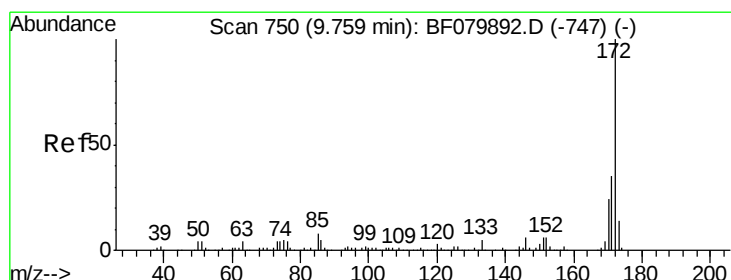
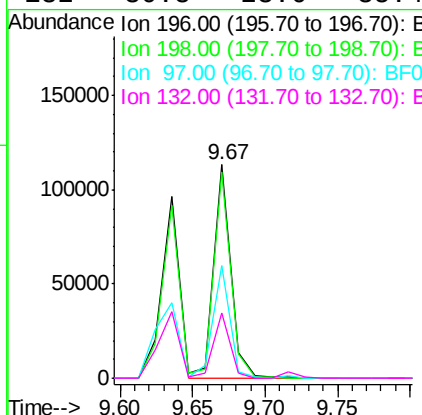
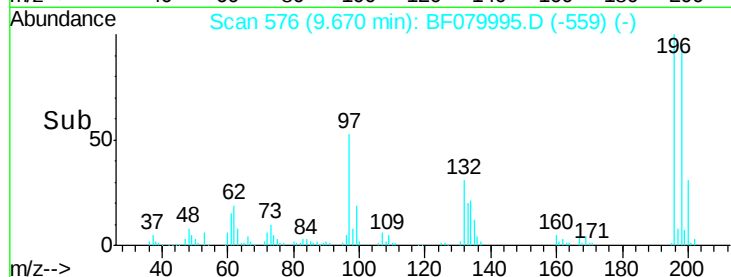
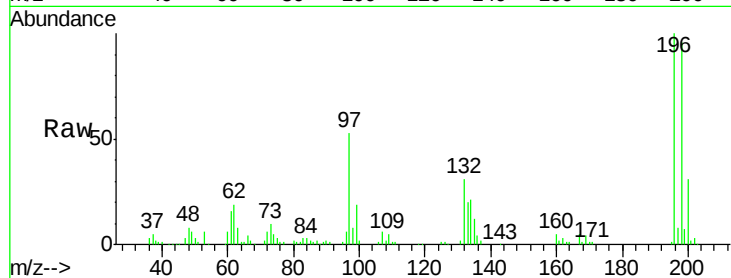
#43
 2,4,5-Trichlorophenol
 Concen: 41.54 ng
 RT: 9.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92450		
198	96.2	76.0	114.0	
97	52.5	39.4	59.2	
132	30.8	23.6	35.4	

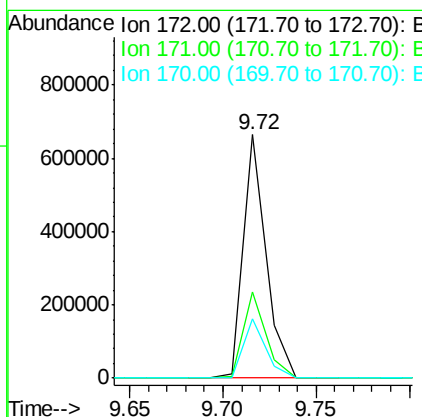
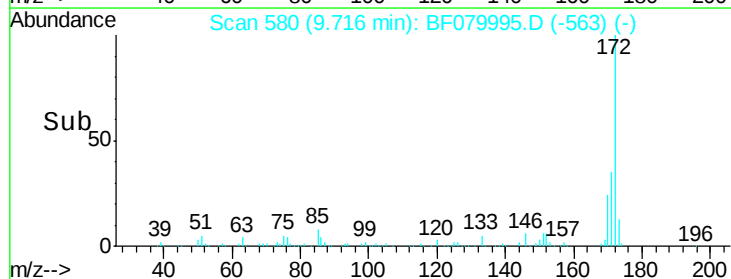
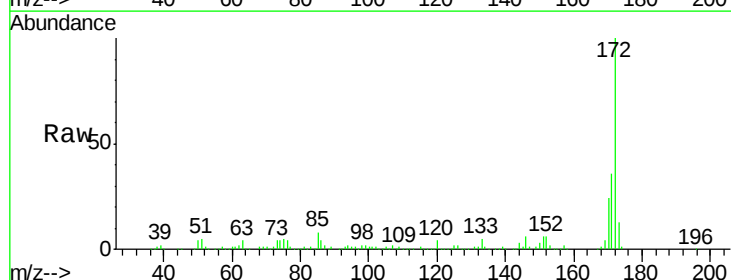
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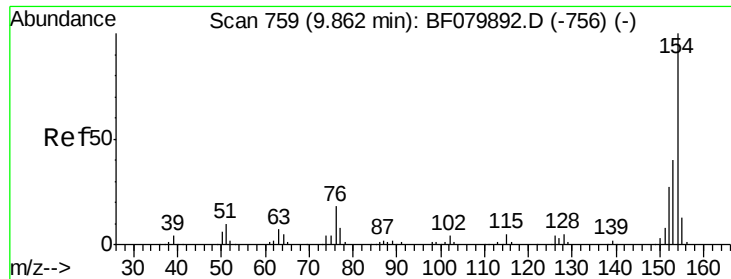
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#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	563378		
171	35.5	28.3	42.5	
170	24.1	19.0	28.4	





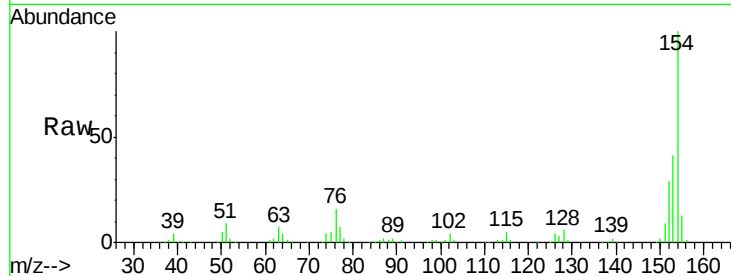
#45
 1,1'-Biphenyl
 Concen: 39.66 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

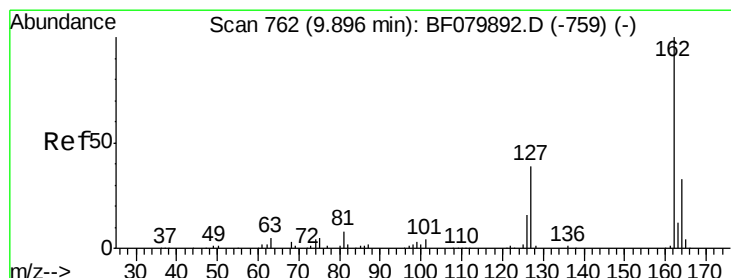
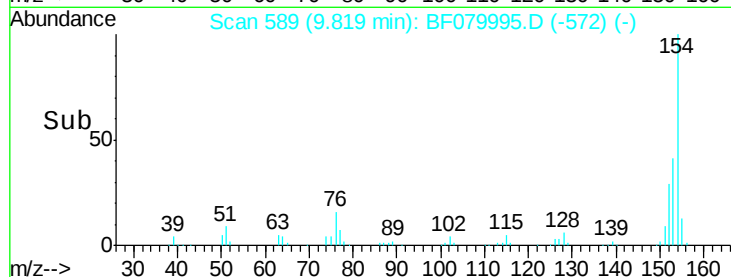
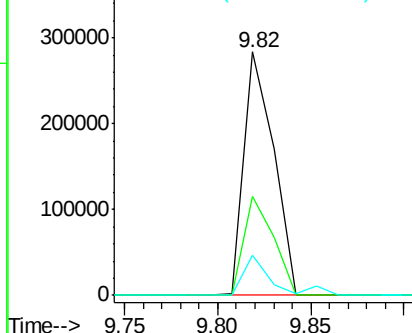
Tgt Ion:	154	Resp:	313549
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.1	60.1
76	16.5	0.0	38.4

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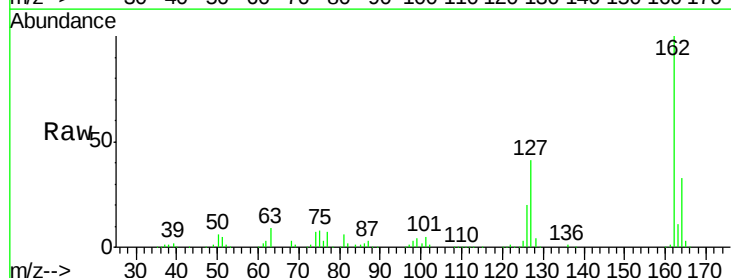


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

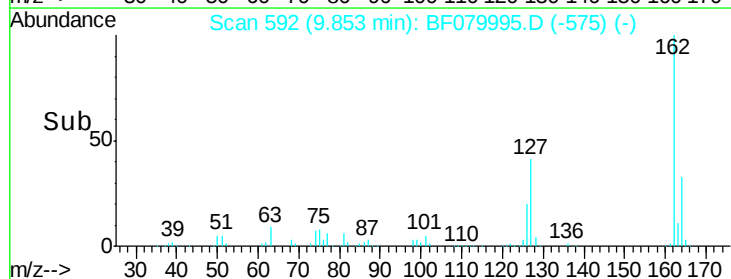
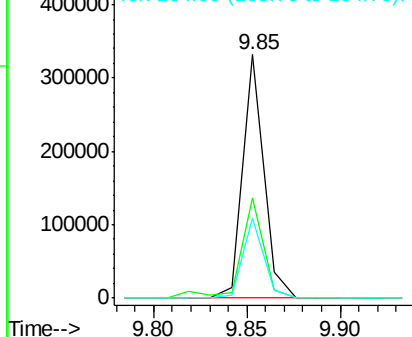


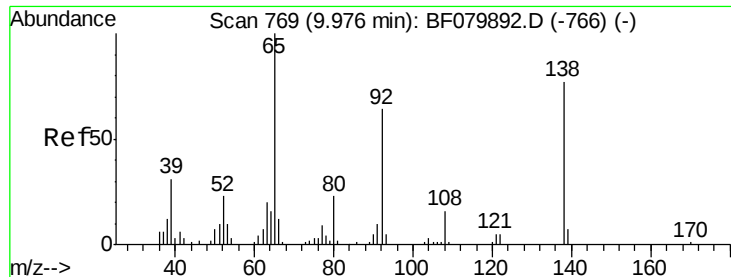
#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 9.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:	162	Resp:	262347
Ion Ratio	Lower	Upper	
162	100		
127	41.3	33.1	49.7
164	32.6	26.2	39.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.38 ng

RT: 9.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

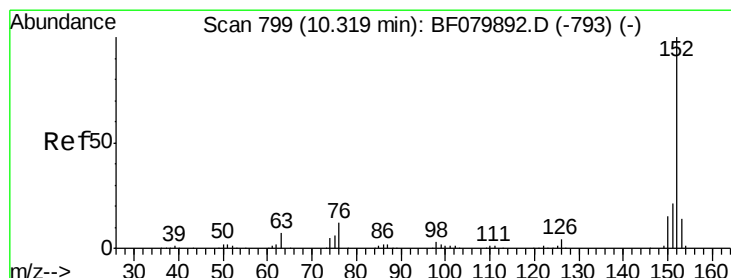
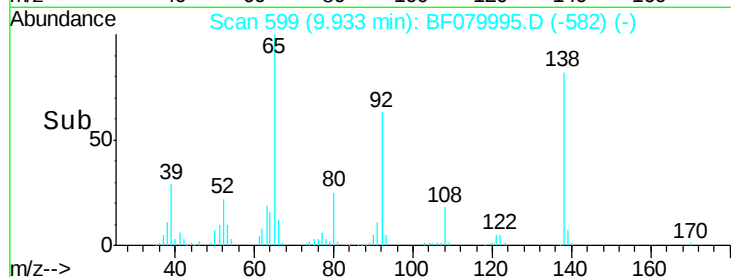
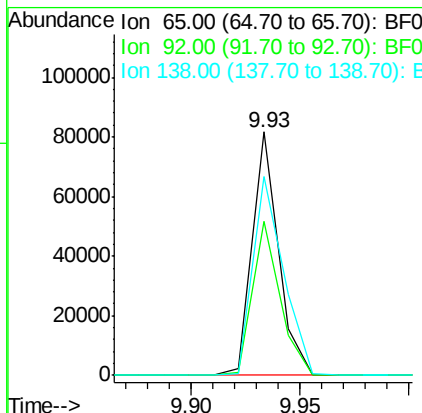
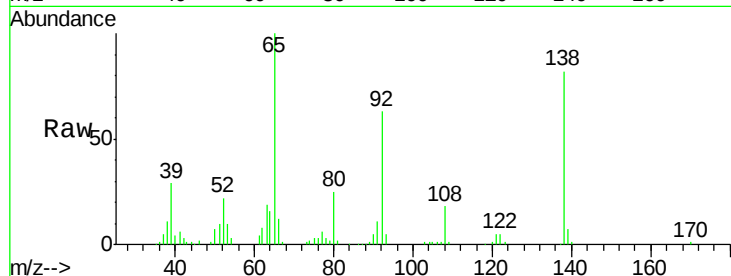
ClientSampled :

PB84048BS

Tgt Ion:	65	Resp:	68422
Ion Ratio	Lower	Upper	
65	100		
92	63.0	51.1	76.7
138	81.6	62.0	93.0

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#48

Acenaphthylene

Concen: 38.66 ng

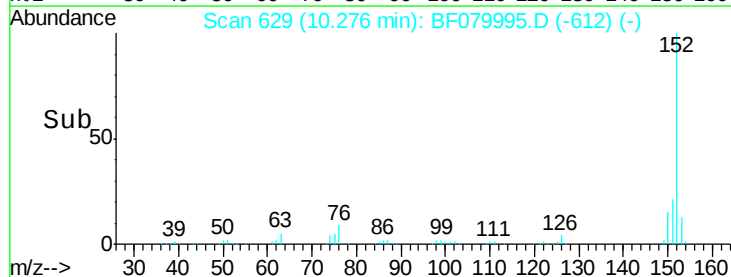
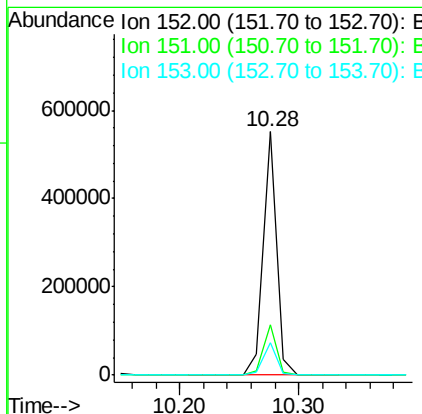
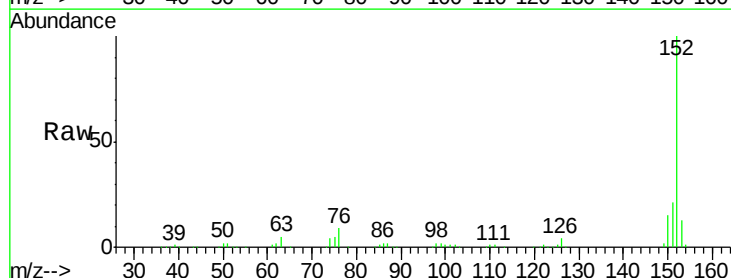
RT: 10.28 min Scan# 629

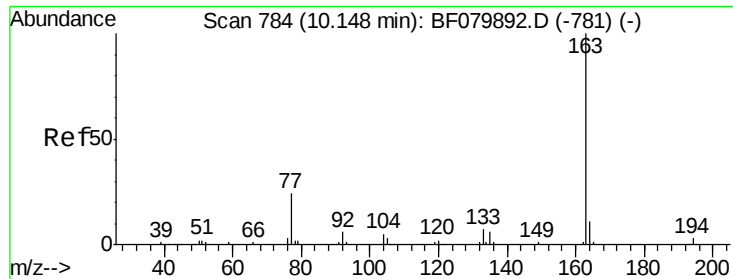
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	152	Resp:	439321
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.2	10.8	16.2





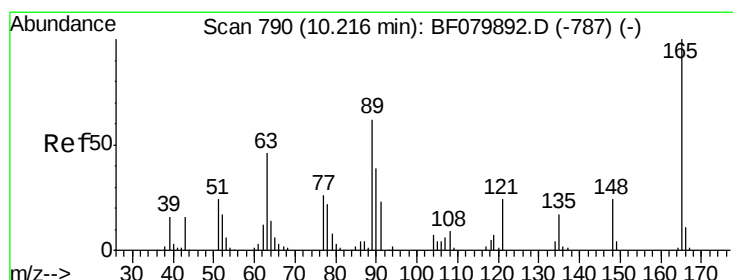
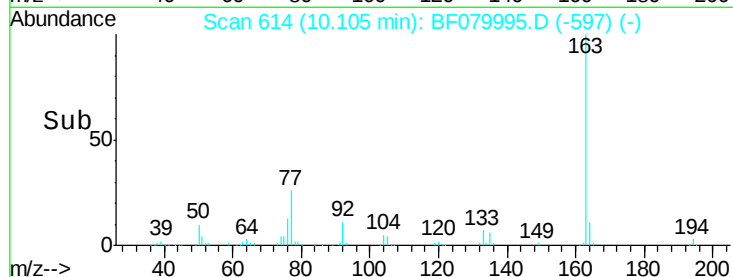
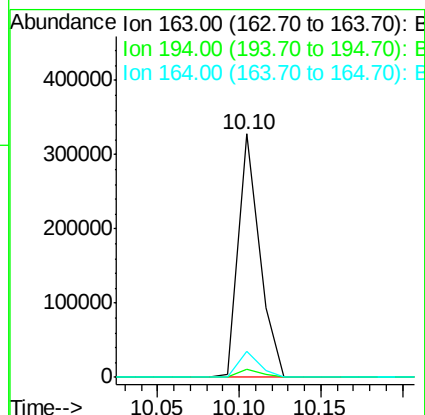
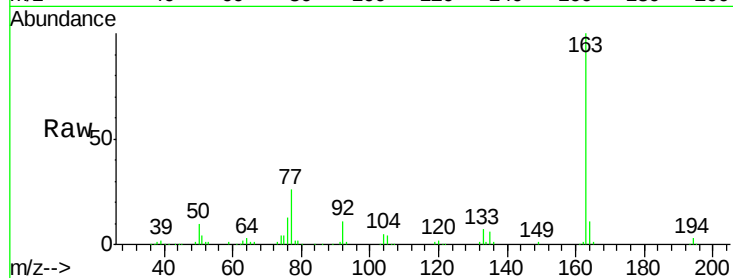
#49
Dimethylphthalate
Concen: 37.44 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.6	12.8

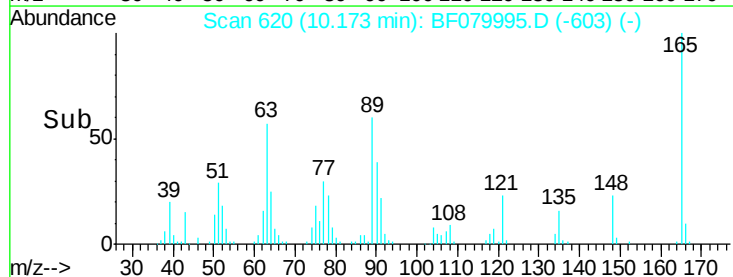
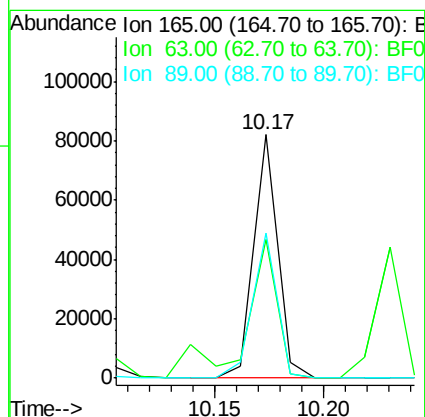
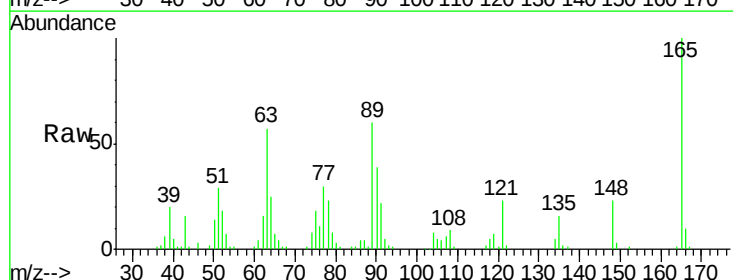
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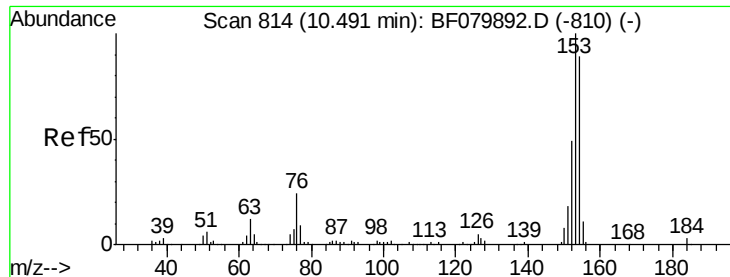
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#50
2,6-Dinitrotoluene
Concen: 44.19 ng
RT: 10.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.1	46.4	69.6
89	59.6	49.6	74.4





#51

Acenaphthene

Concen: 41.29 ng

RT: 10.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF079995.D

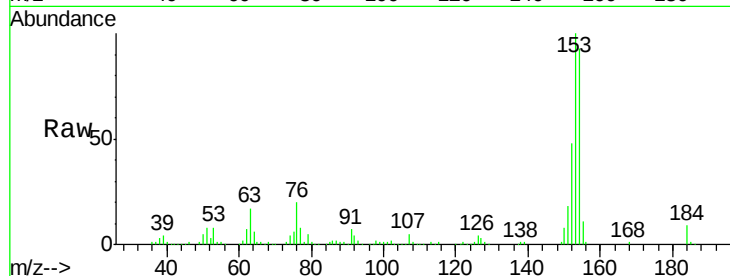
Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

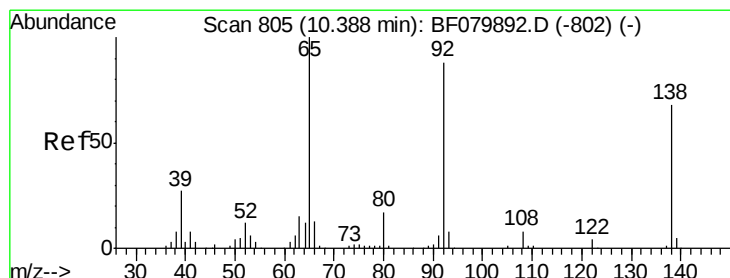
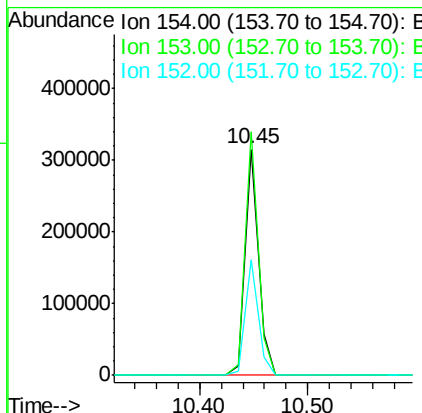
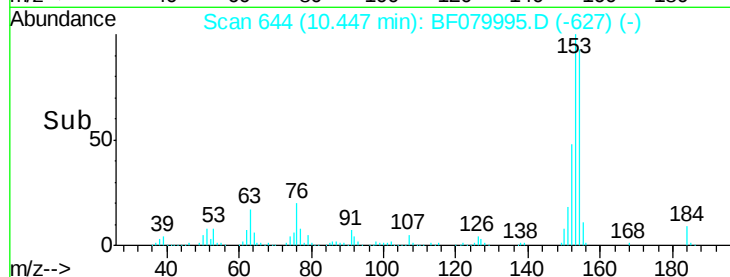
PB84048BS



Tgt Ion:	154	Resp:	266635
Ion Ratio	Lower	Upper	
154	100		
153	107.8	90.0	135.0
152	51.5	43.7	65.5

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#52

3-Nitroaniline

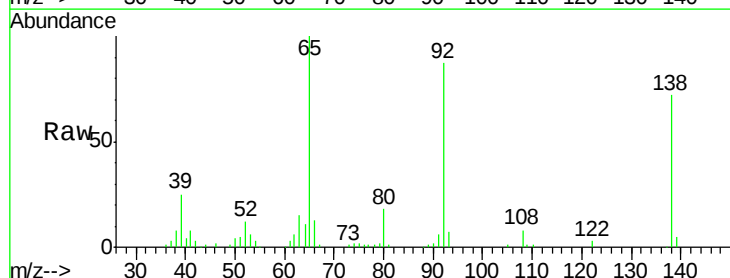
Concen: 30.88 ng

RT: 10.34 min Scan# 635

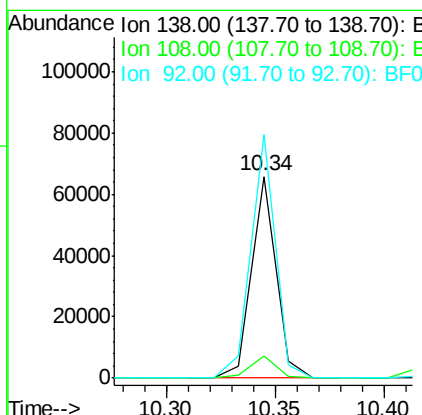
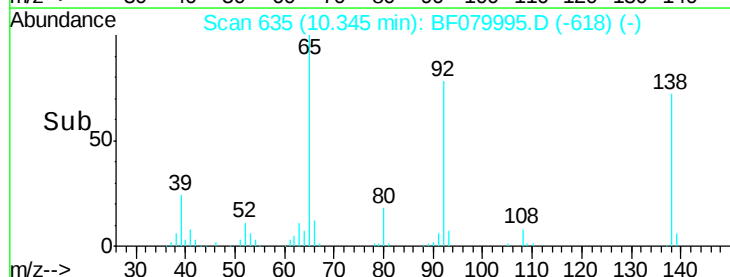
Delta R.T. -0.00 min

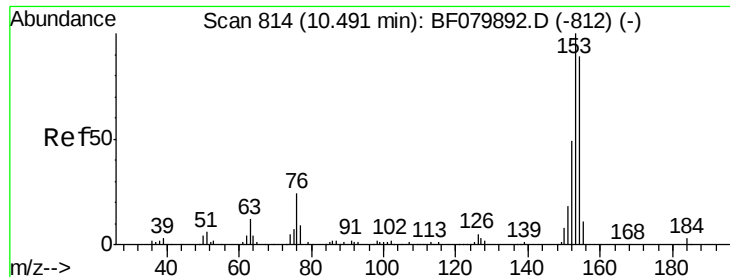
Lab File: BF079995.D

Acq: 16 Jun 2015 17:26



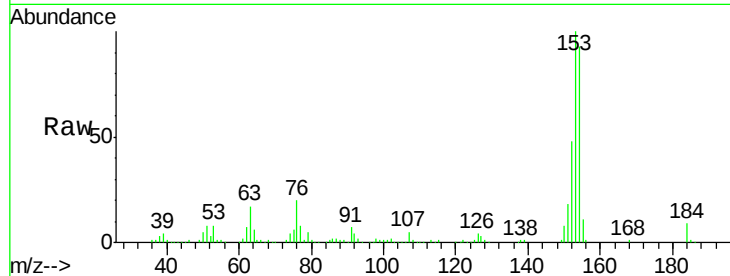
Tgt Ion:	138	Resp:	51790
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.0	13.6
92	120.5	103.1	154.7





#53
 2,4-Dinitrophenol
 Concen: 98.41 ng
 RT: 10.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

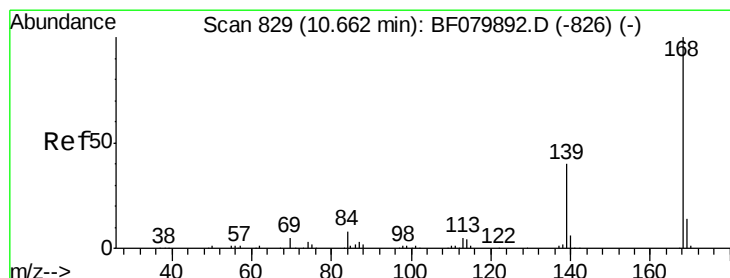
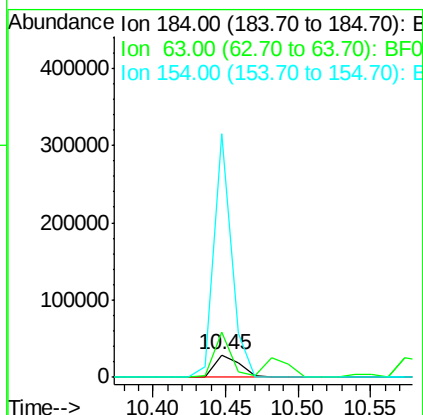
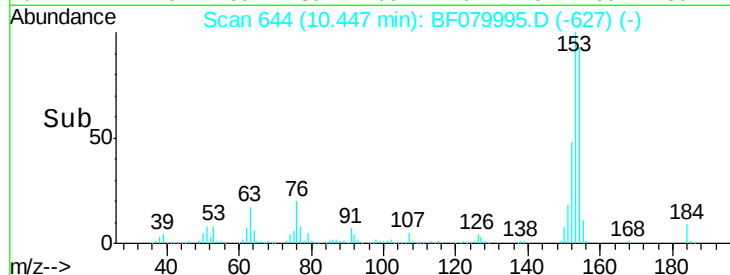
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS



Tgt Ion:184 Resp: 34682
 Ion Ratio Lower Upper
 184 100
 63 203.5 357.0 535.4#
 154 1082.4 2660.2 3990

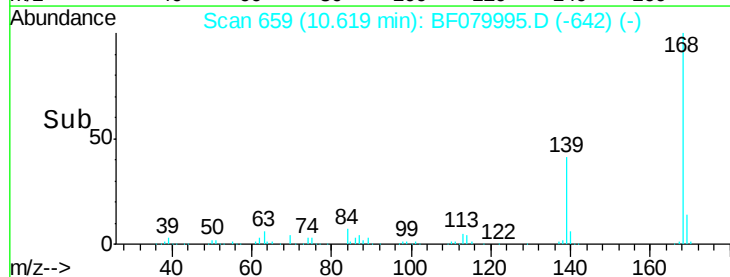
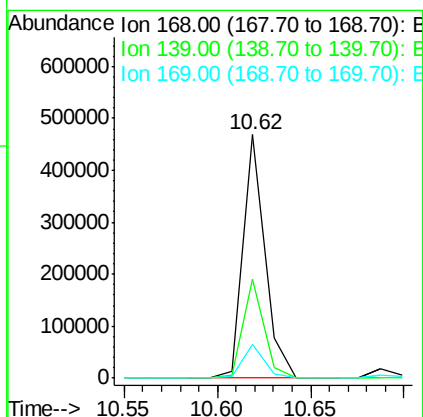
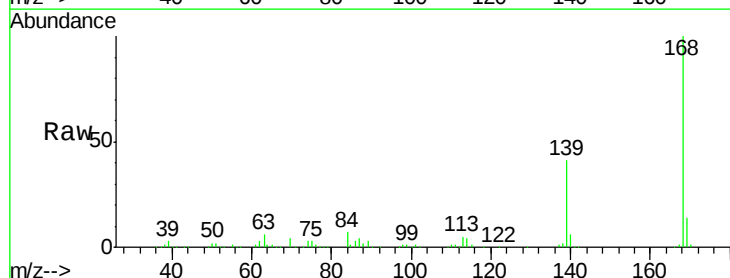
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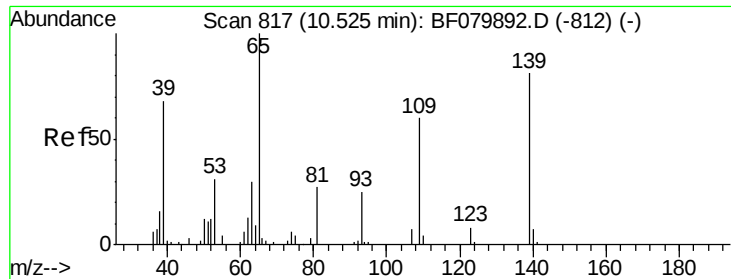
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#54
 Dibenzofuran
 Concen: 40.56 ng
 RT: 10.62 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:168 Resp: 382712
 Ion Ratio Lower Upper
 168 100
 139 40.5 32.2 48.2
 169 13.8 11.0 16.6





#55

4-Nitrophenol

Concen: 81.86 ng

RT: 10.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

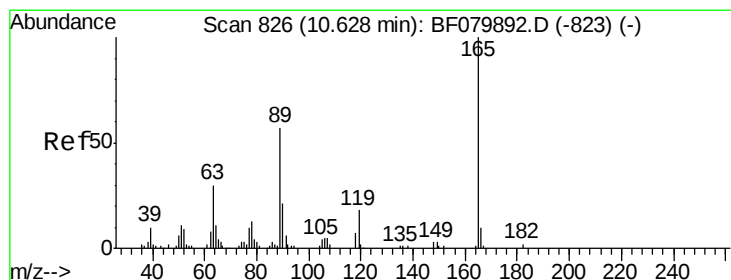
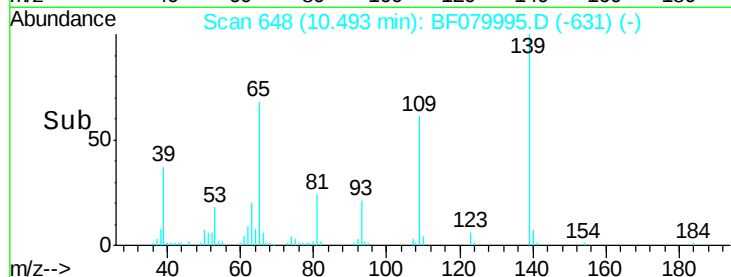
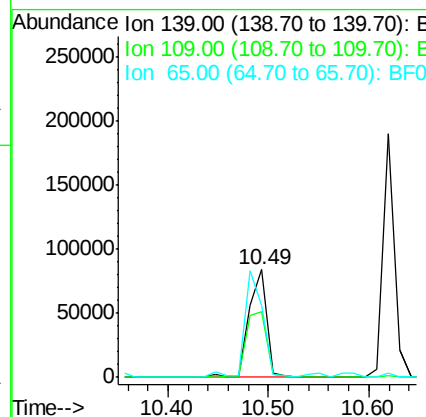
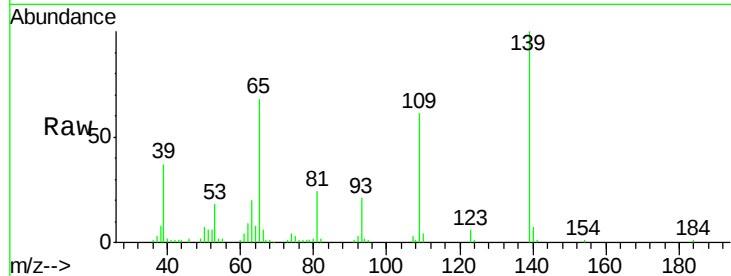
ClientSampled :

PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102332		
109	61.4	54.8	94.8	
65	67.5	104.8	144.8	

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#56

2,4-Dinitrotoluene

Concen: 41.56 ng

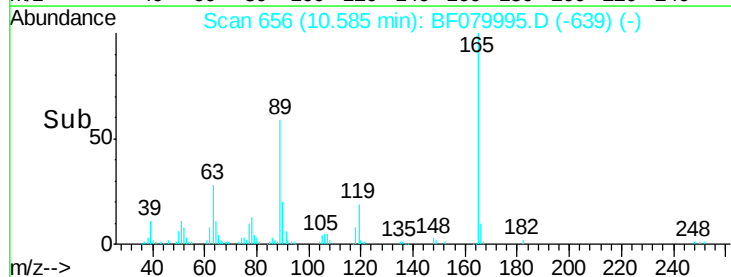
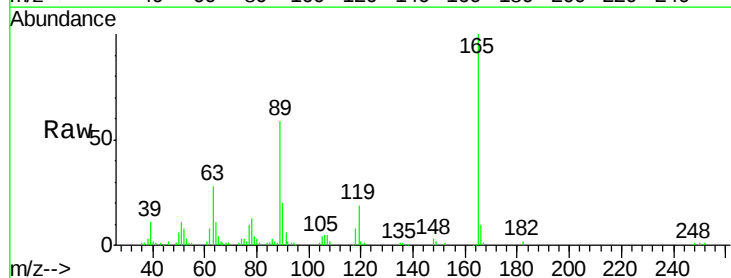
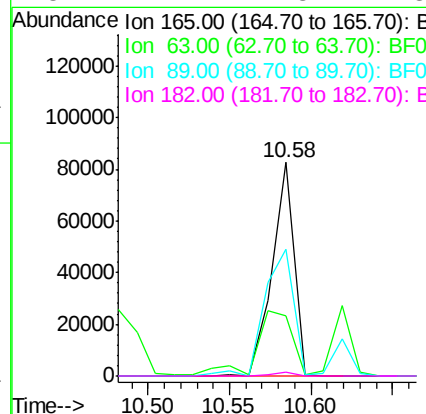
RT: 10.58 min Scan# 656

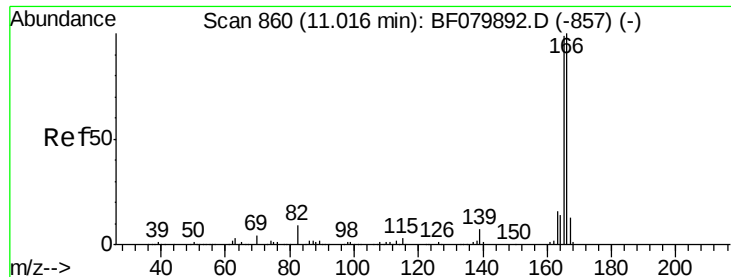
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77411		
63	28.4	24.3	36.5	
89	59.1	45.4	68.2	
182	2.1	1.8	2.8	





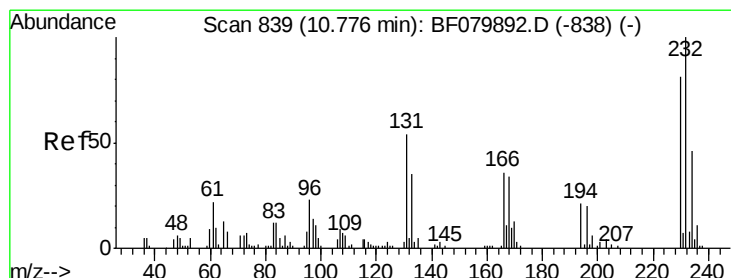
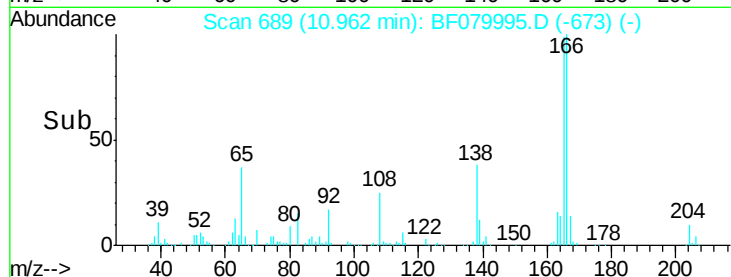
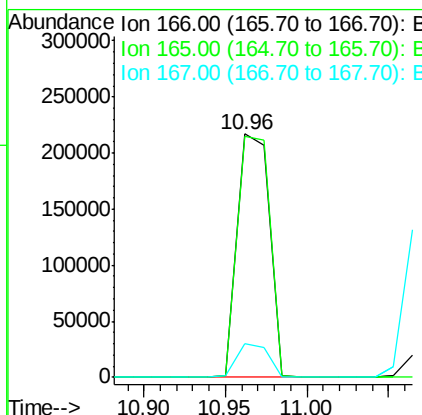
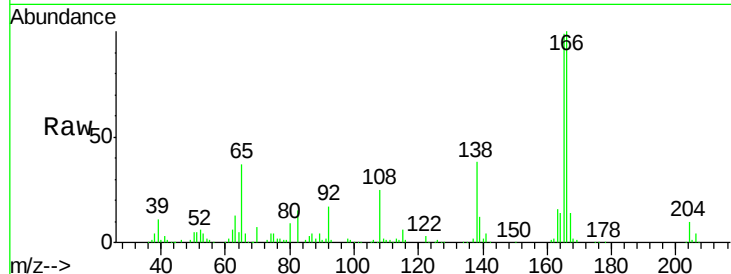
#57
 Fluorene
 Concen: 35.71 ng
 RT: 10.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	293701		
165	99.2	79.0	118.6	
167	13.8	10.3	15.5	

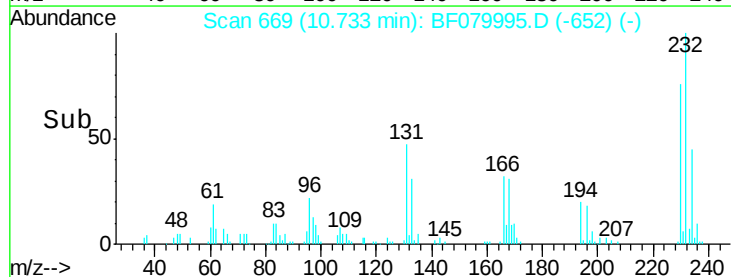
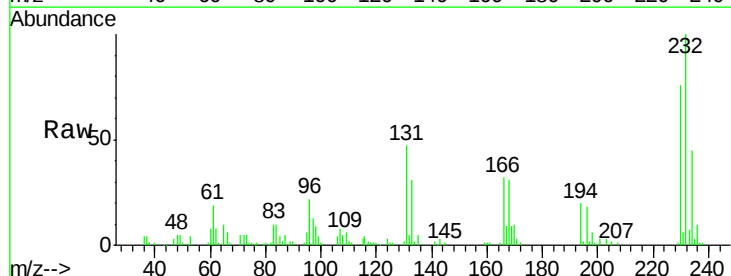
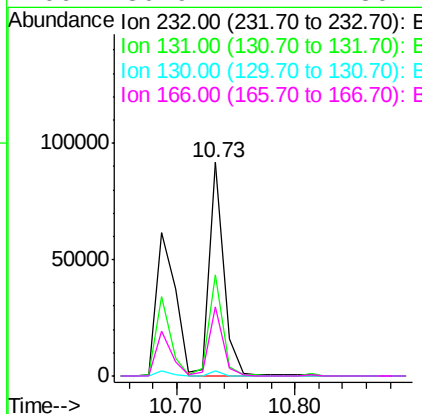
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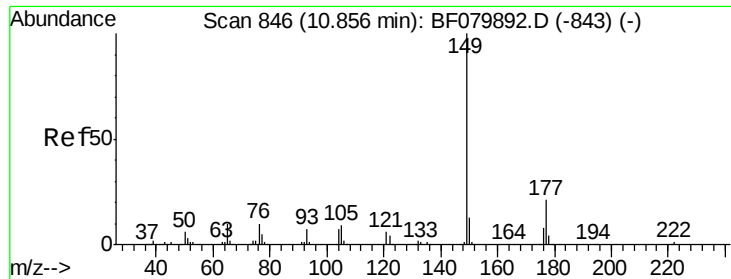
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.47 ng
 RT: 10.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	78379		
131	45.0	35.4	53.2	
130	1.9	1.5	2.3	
166	30.9	24.1	36.1	





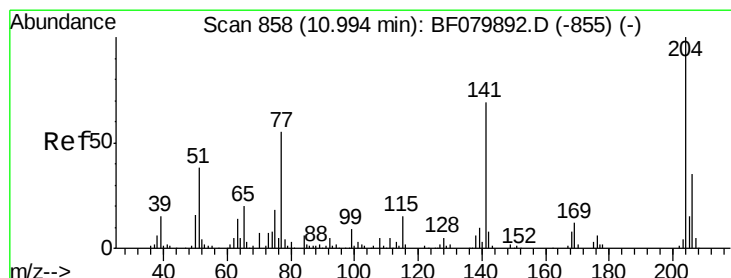
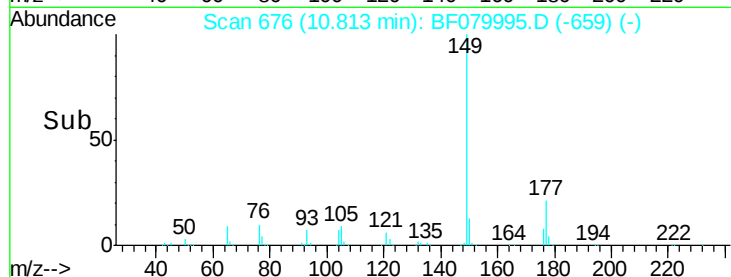
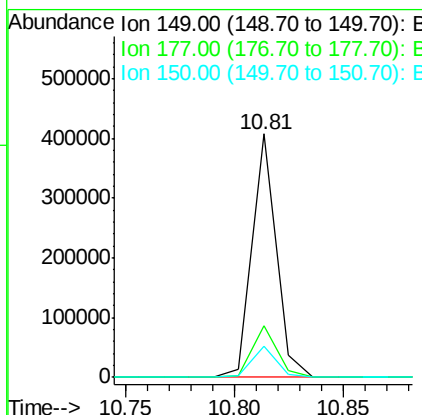
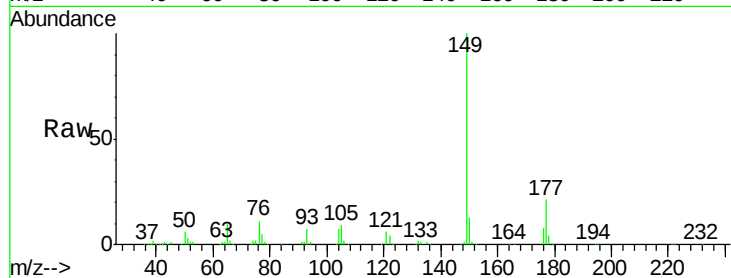
#59
Diethylphthalate
Concen: 40.27 ng
RT: 10.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampled :
PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	315106		
177	21.1	16.9	25.3	
150	12.6	10.4	15.6	

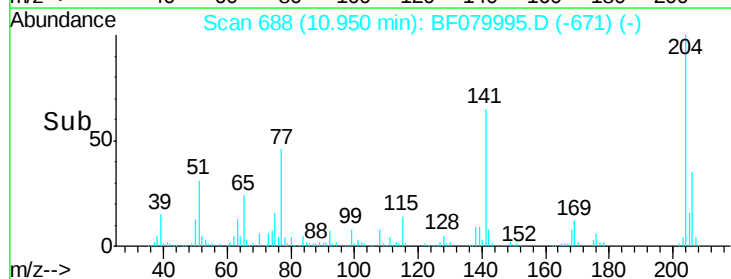
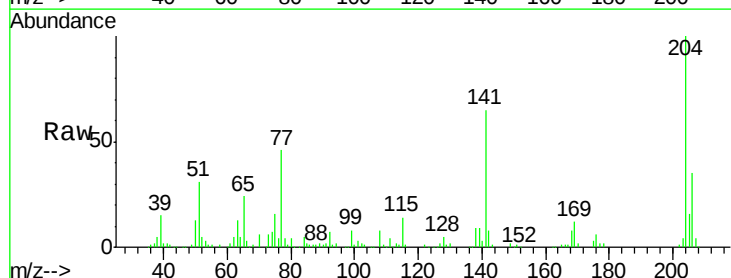
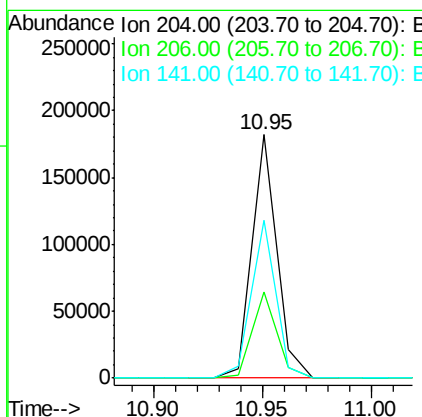
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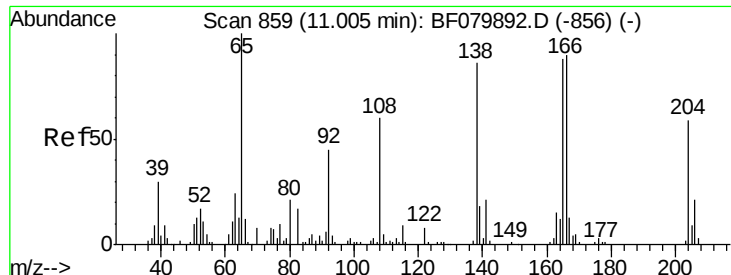
apatel
6/17/2015 5:12:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.35 ng
RT: 10.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	144548		
206	35.5	28.0	42.0	
141	64.9	55.3	82.9	





#61

4-Nitroaniline

Concen: 39.31 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF079995.D

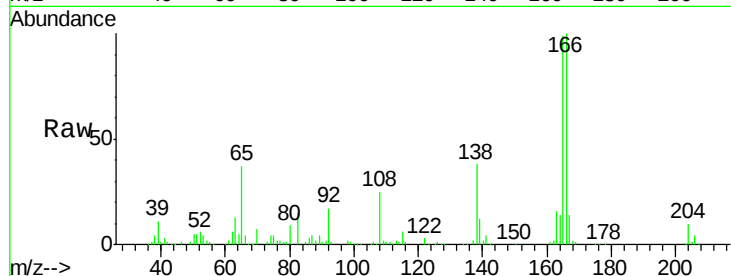
Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampled :

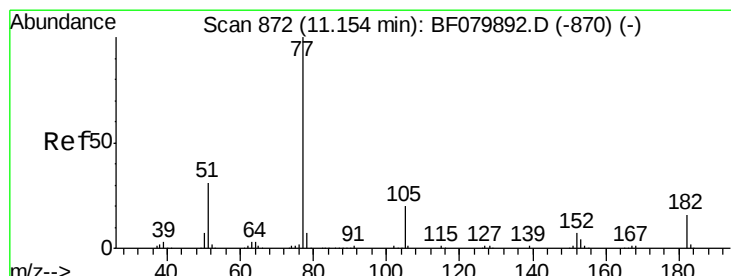
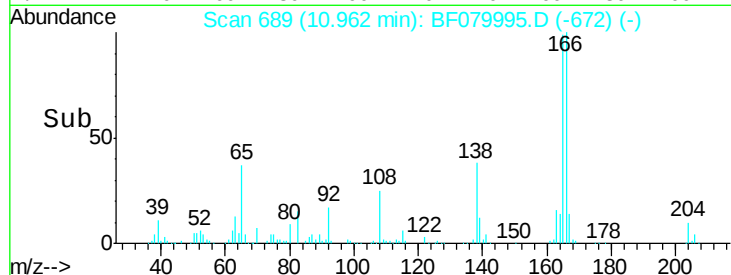
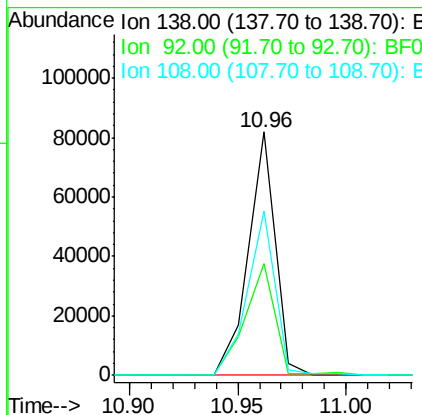
PB84048BS



Tgt Ion:	138	Resp:	70580
Ion Ratio	Lower	Upper	
138	100		
92	45.9	32.9	72.9
108	67.3	50.4	90.4

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#62

Azobenzene

Concen: 40.55 ng

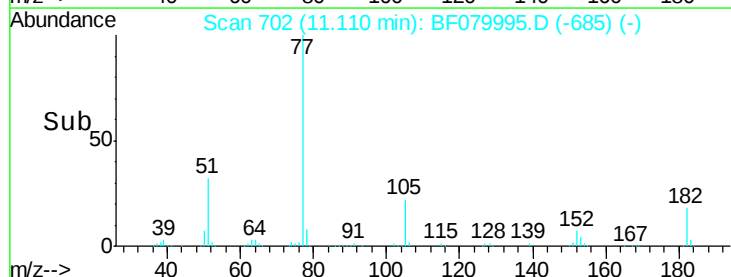
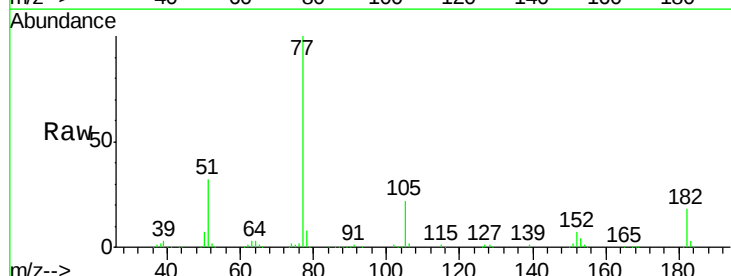
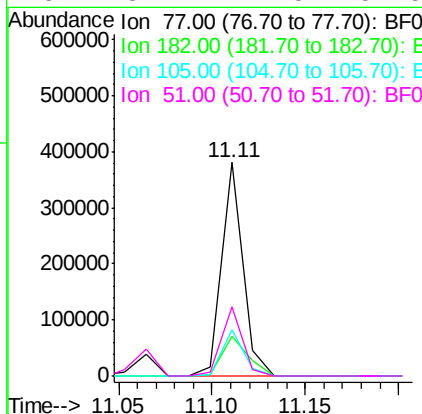
RT: 11.11 min Scan# 702

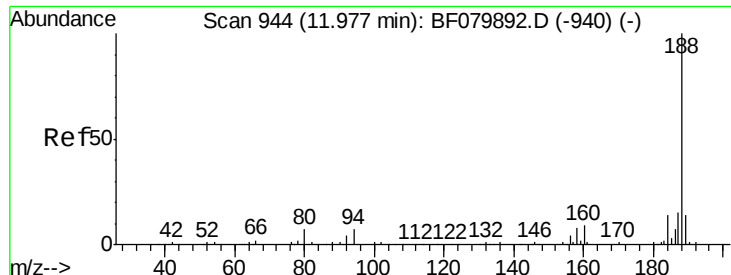
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	77	Resp:	305332
Ion Ratio	Lower	Upper	
77	100		
182	18.4	0.0	35.9
105	21.5	0.1	40.1
51	32.4	11.5	51.5





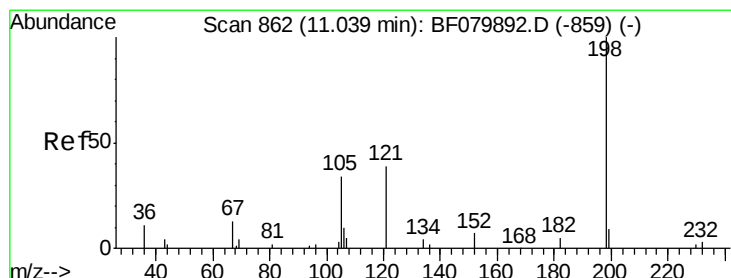
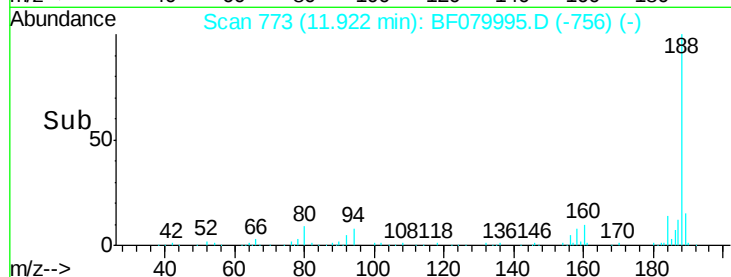
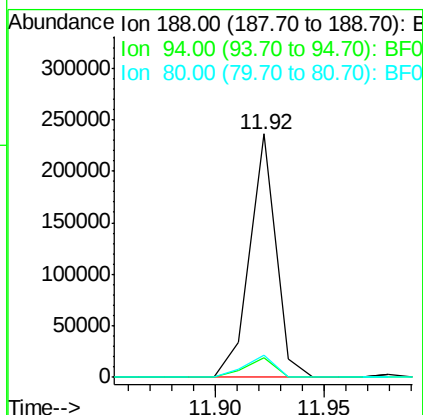
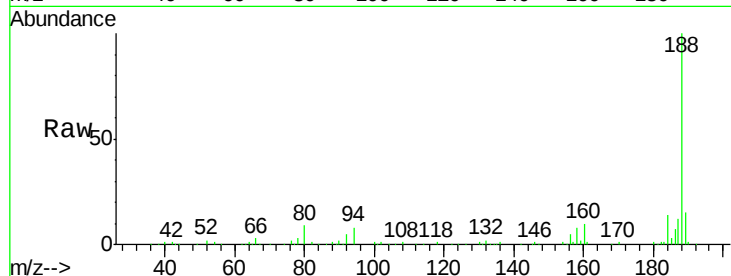
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	5.8	8.8
80	9.0	5.9	8.9#

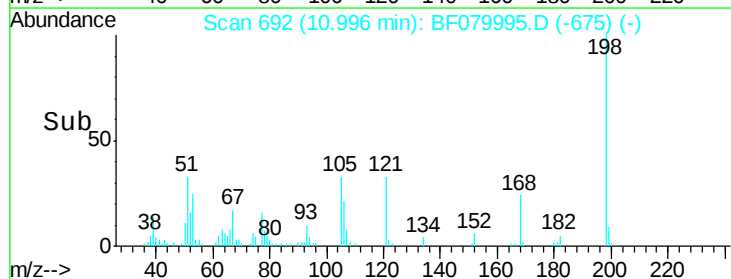
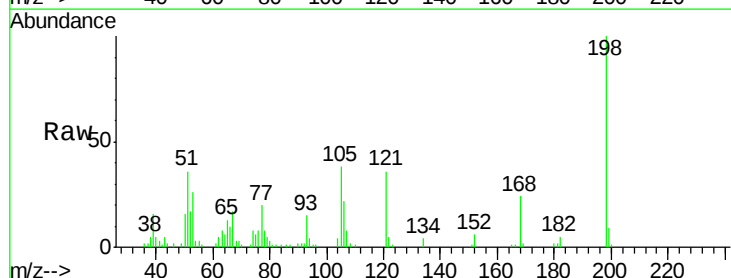
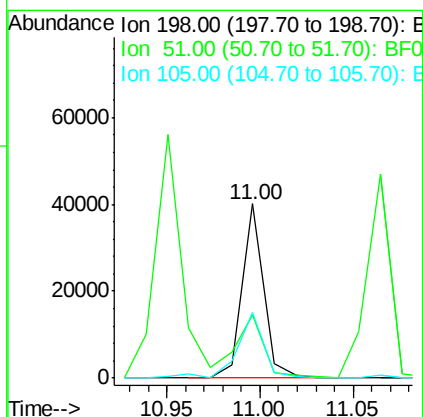
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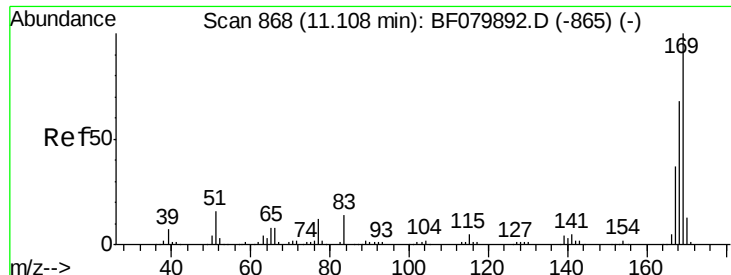
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#64
4,6-Dinitro-2-methylphenol
Concen: 67.03 ng
RT: 11.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.2	22.1	62.1
105	38.0	22.7	62.7





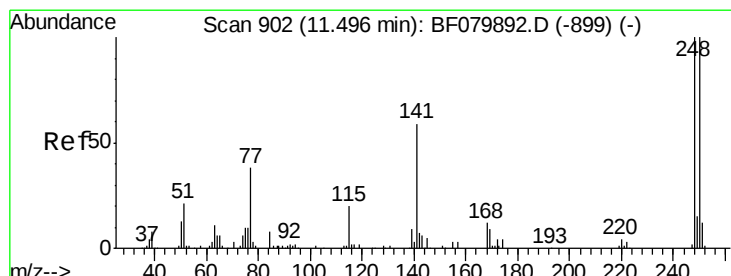
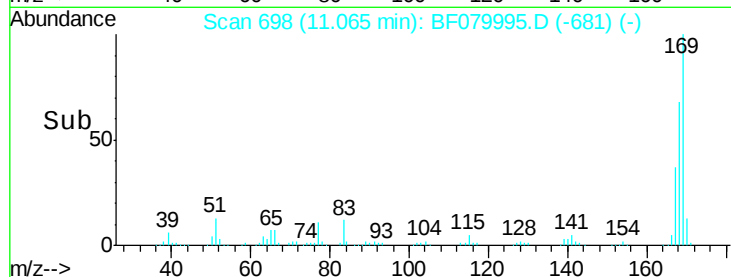
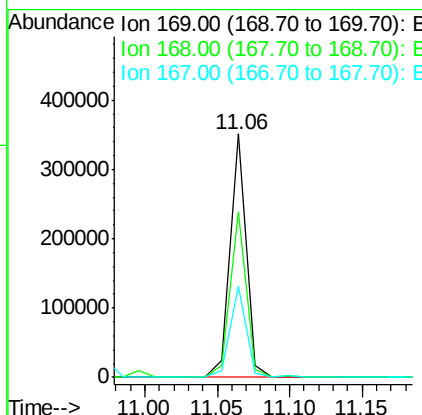
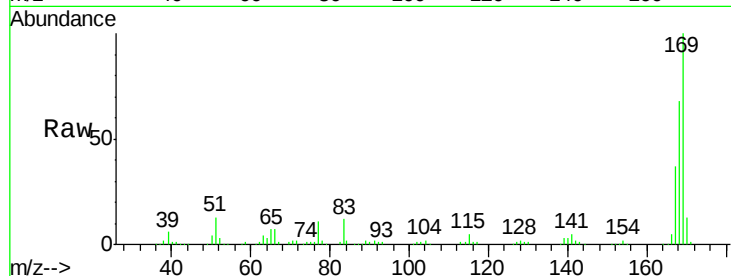
#65
n-Nitrosodiphenylamine
Concen: 42.47 ng
RT: 11.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	271244		
168	67.9	54.2	81.4	
167	37.3	29.7	44.5	

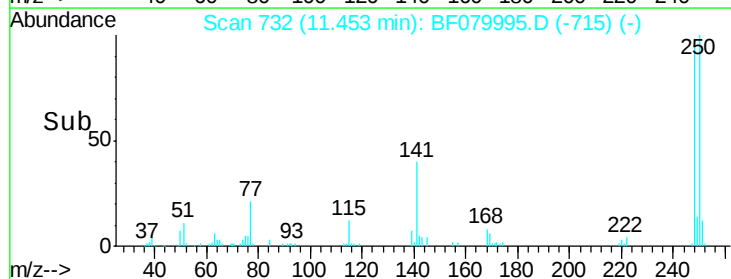
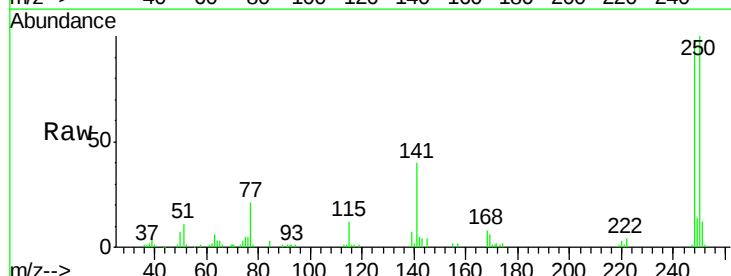
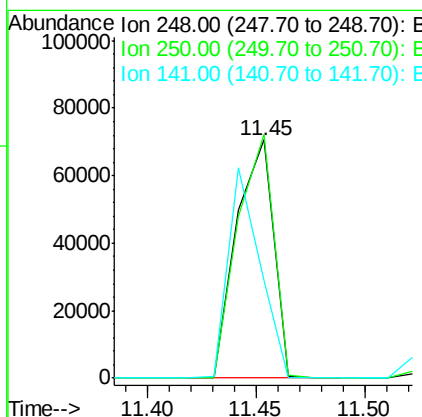
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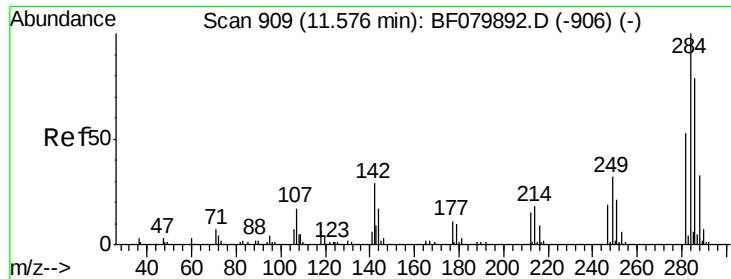
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#66
4-Bromophenyl-phenylether
Concen: 37.38 ng
RT: 11.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	82878		
250	102.1	80.2	120.2	
141	41.2	46.9	70.3	





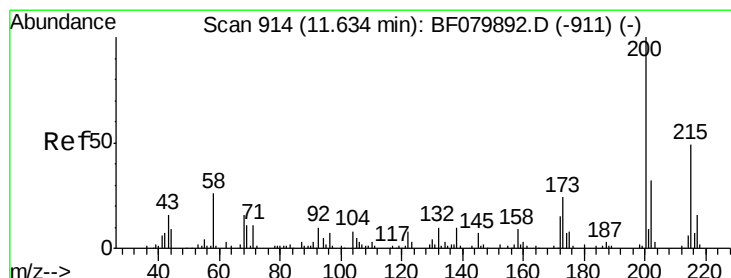
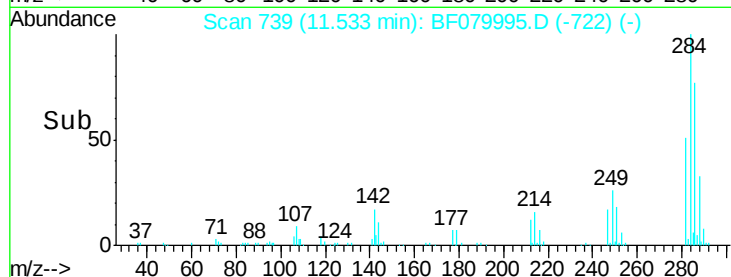
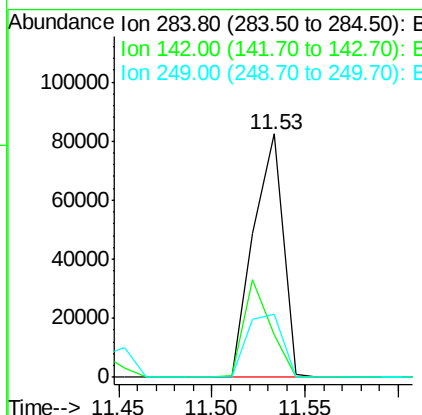
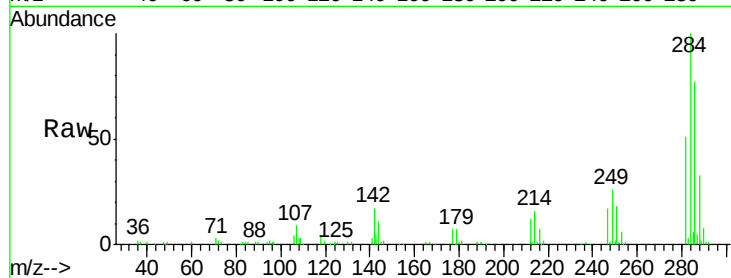
#67
Hexachlorobenzene
Concen: 37.58 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	17.5	23.5	35.3#
249	25.8	25.3	37.9

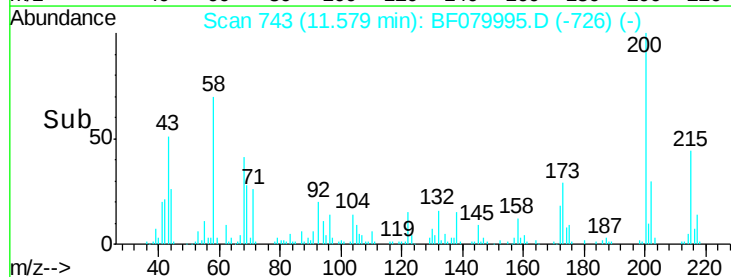
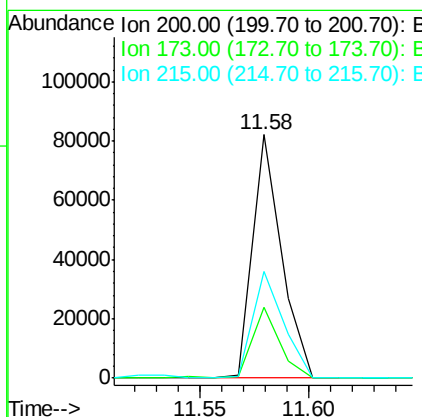
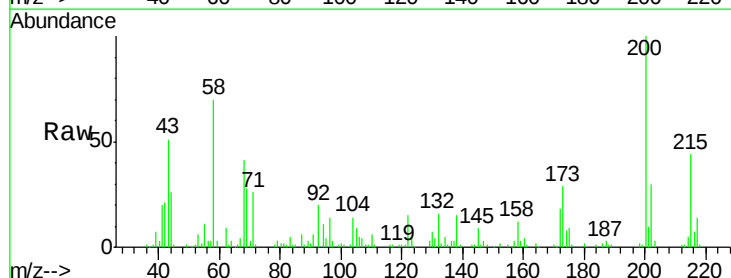
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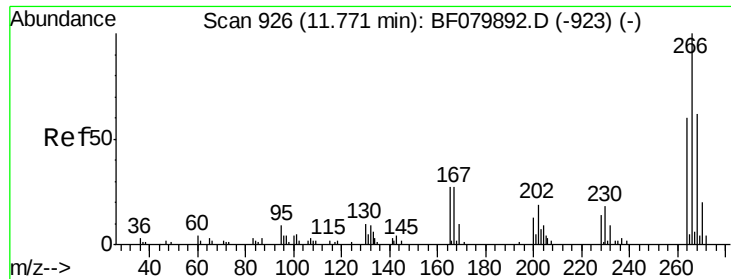
apatel
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#68
Atrazine
Concen: 38.47 ng
RT: 11.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	4.1	44.1
215	43.9	29.2	69.2





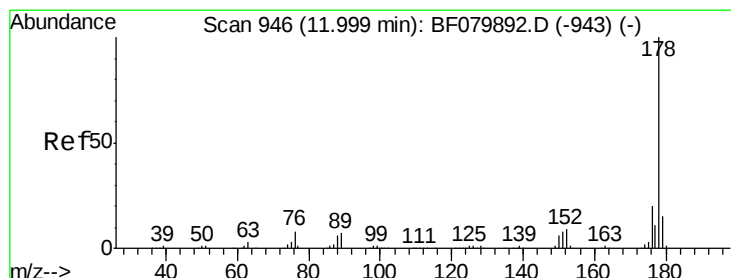
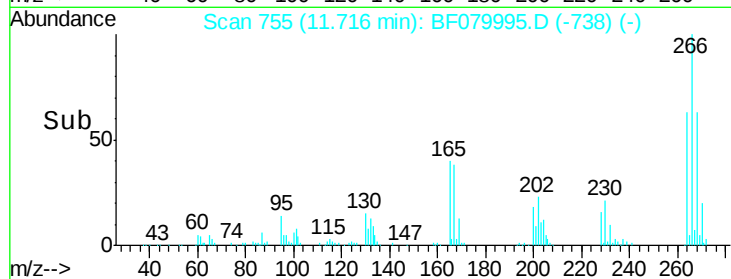
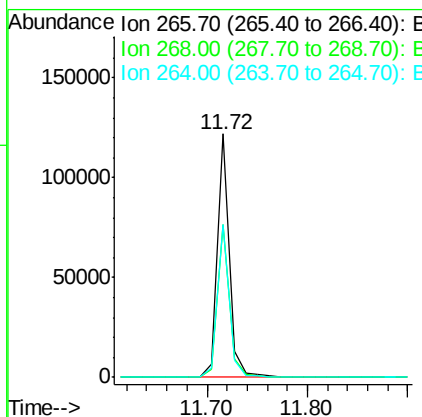
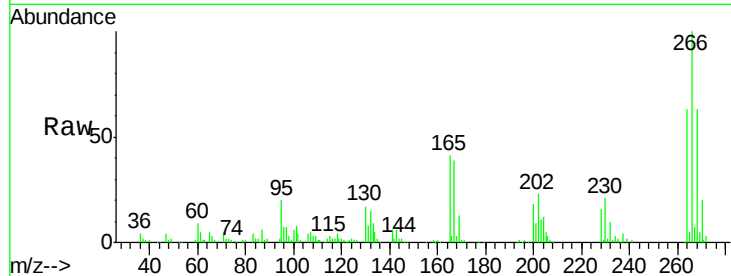
#69
 Pentachlorophenol
 Concen: 88.26 ng
 RT: 11.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	101097		
268	62.8	49.4	74.2	
264	62.9	47.7	71.5	

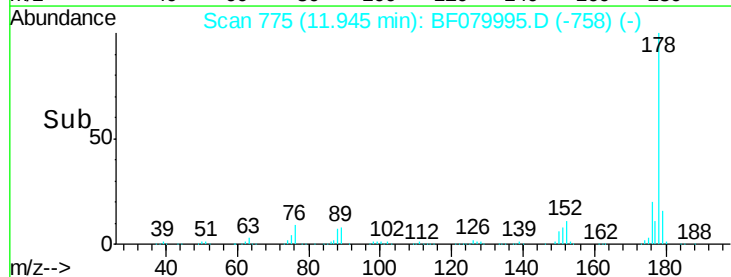
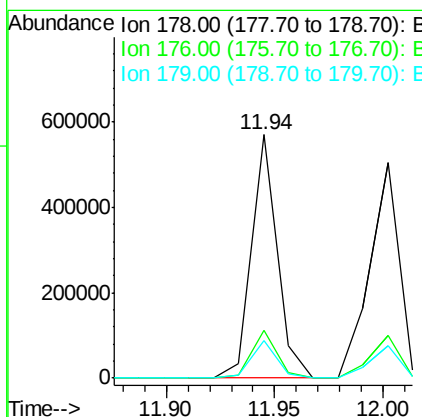
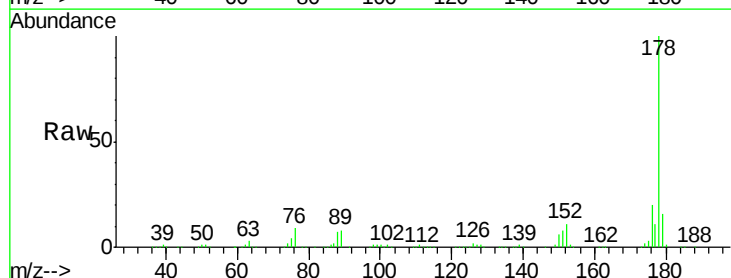
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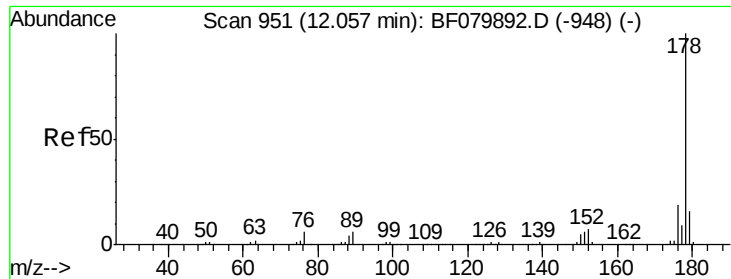
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#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	468941		
176	19.7	15.9	23.9	
179	15.5	12.3	18.5	





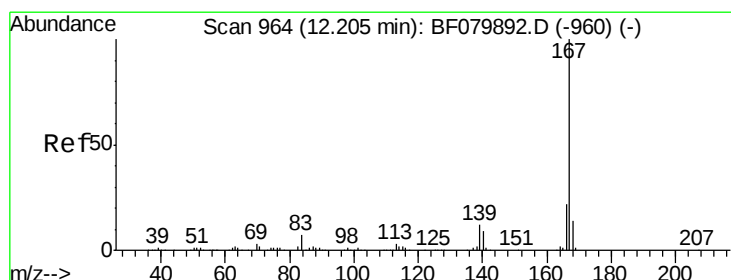
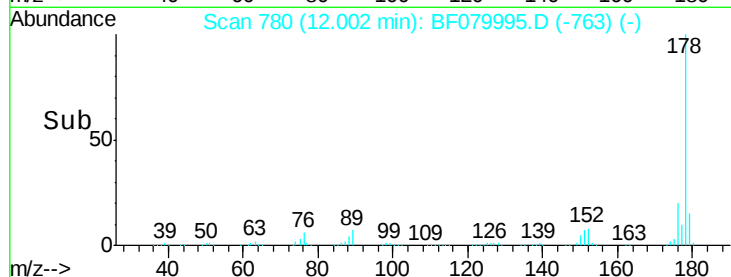
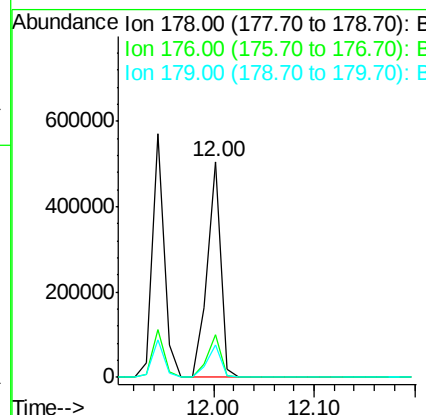
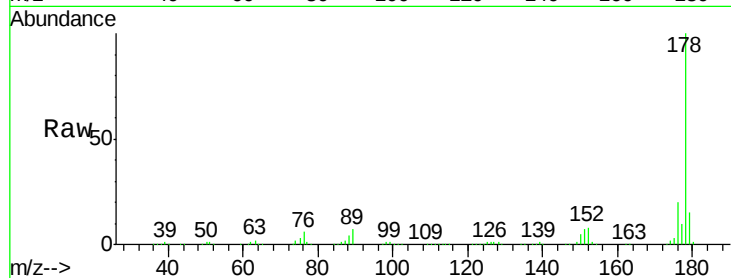
#71
 Anthracene
 Concen: 41.69 ng
 RT: 12.00 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.5	18.7

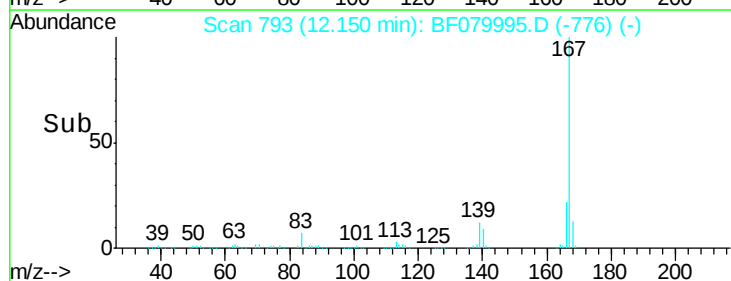
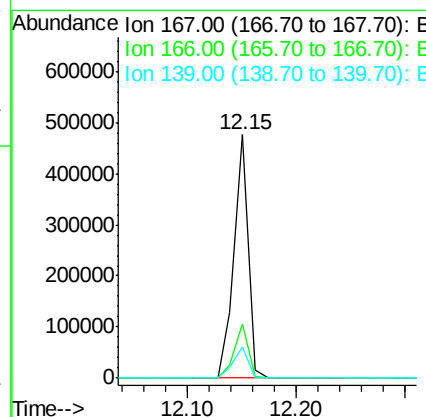
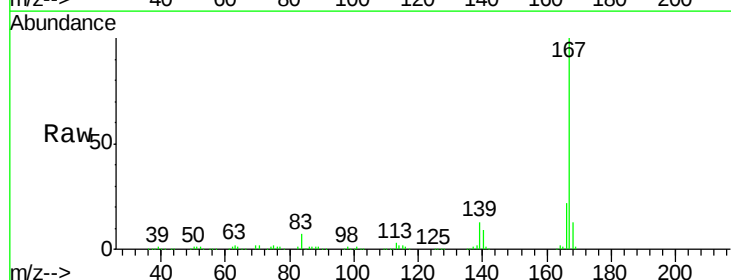
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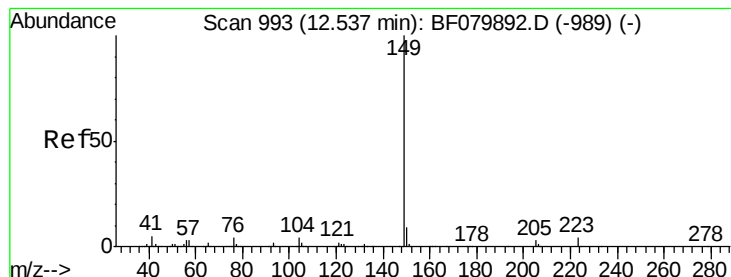
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#72
 Carbazole
 Concen: 38.64 ng
 RT: 12.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	12.5	9.5	14.3





#73

Di-n-butylphthalate

Concen: 37.09 ng

RT: 12.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

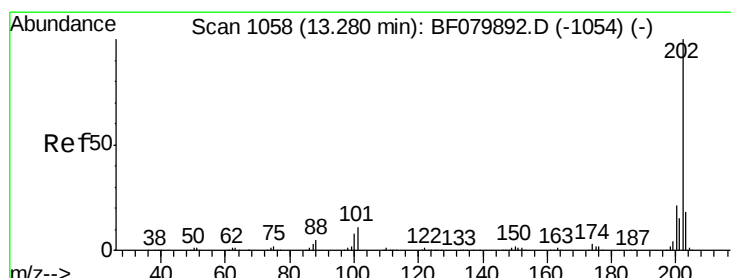
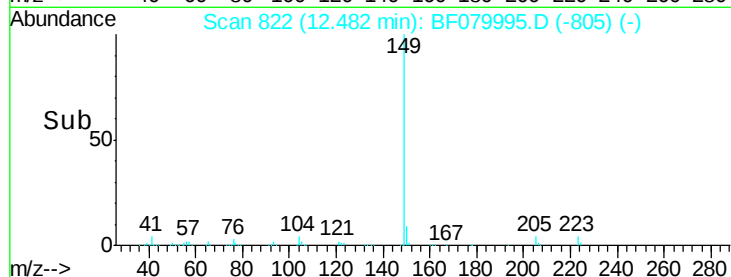
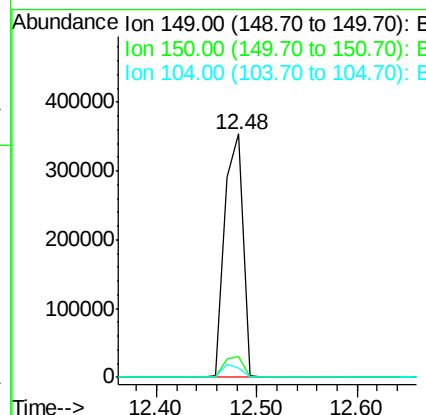
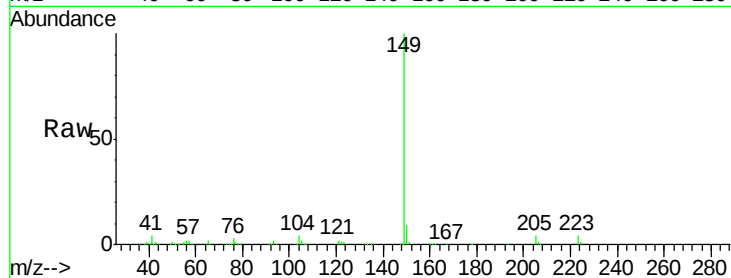
PB84048BS

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Tgt Ion:	149	Resp:	447183
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.2	10.8
104	3.8	3.3	4.9



#74

Fluoranthene

Concen: 37.97 ng

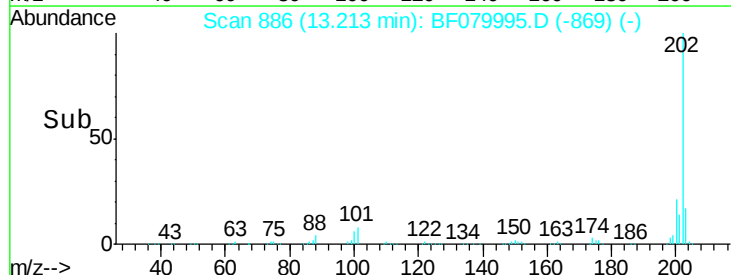
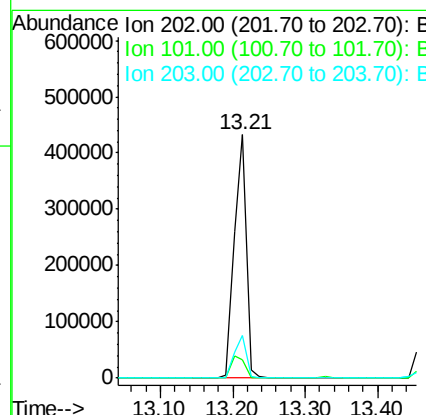
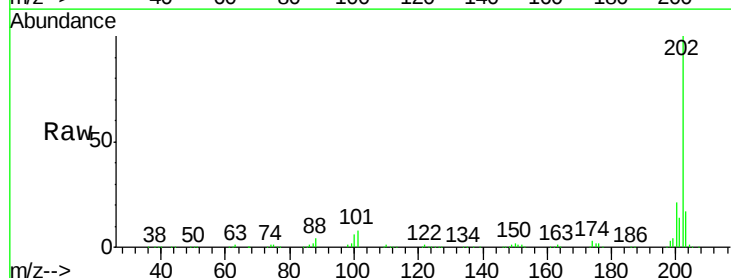
RT: 13.21 min Scan# 886

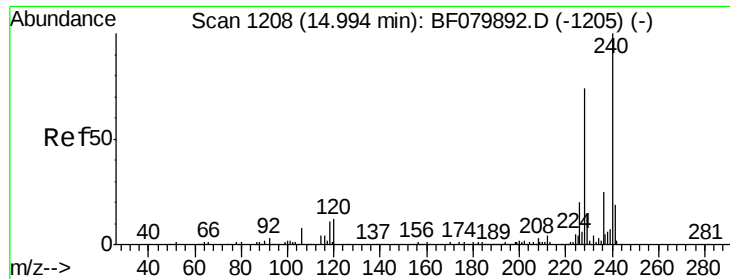
Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:	202	Resp:	494922
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	30.7
203	17.4	0.0	38.0





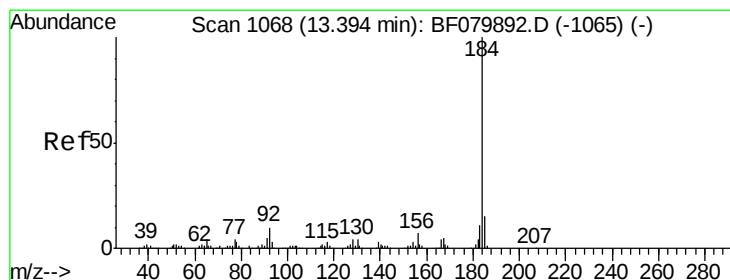
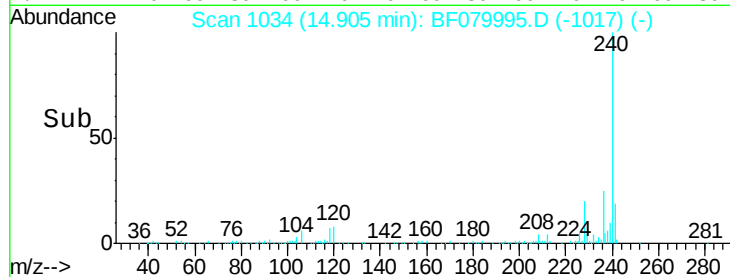
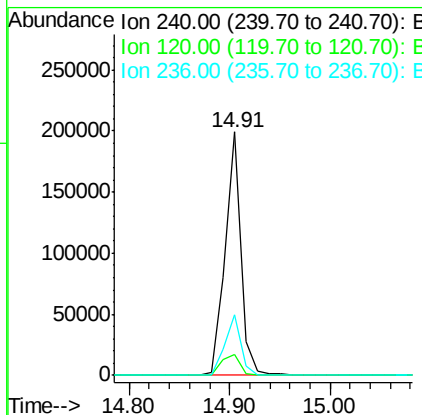
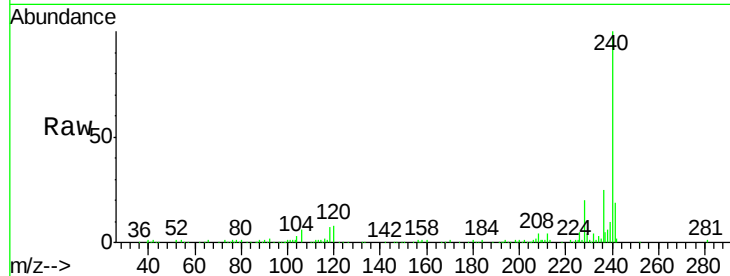
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.4	14.2#
236	25.1	19.6	29.4

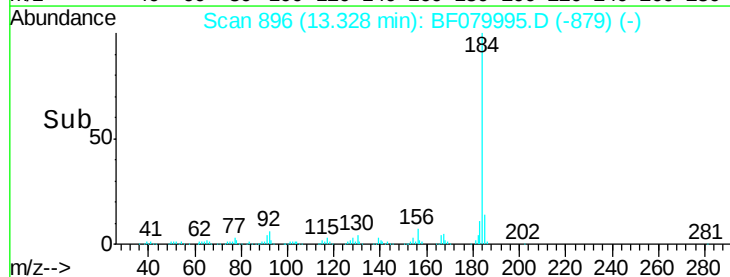
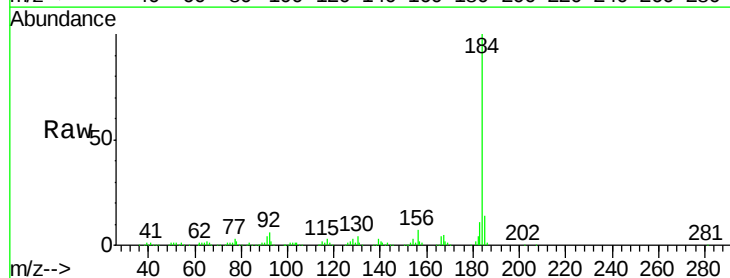
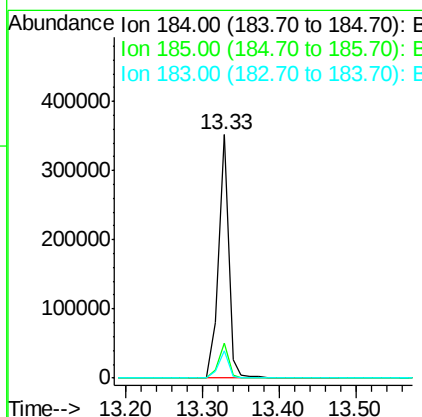
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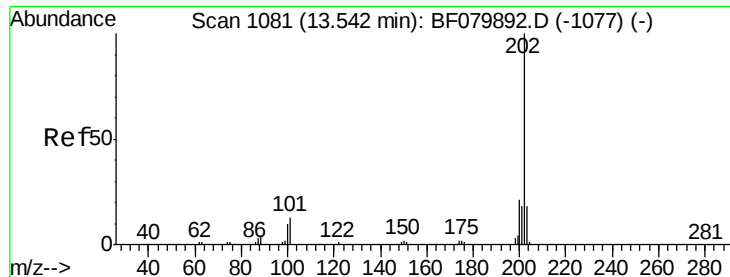
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#76
Benzidine
Concen: 54.17 ng
RT: 13.33 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.4	9.0	13.6





#77

Pyrene

Concen: 37.46 ng

RT: 13.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

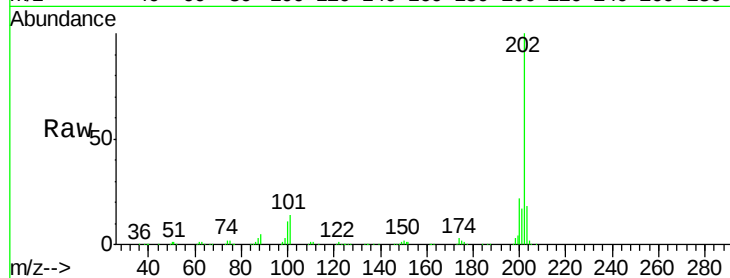
ClientSampleId :

PB84048BS

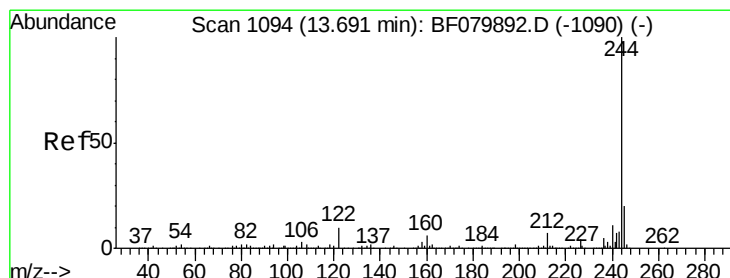
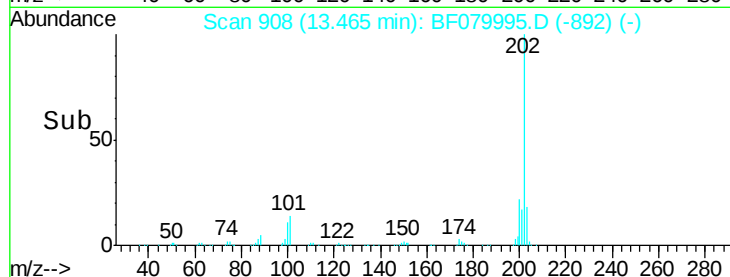
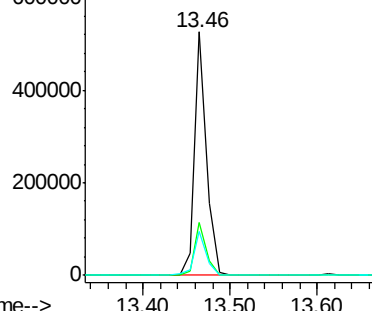
Tgt Ion:	202	Resp:	510754
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.8	25.2
203	18.0	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.60 ng

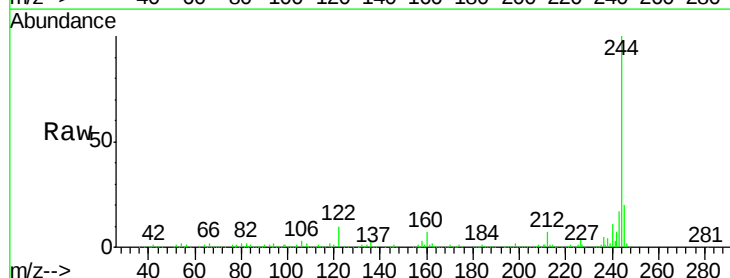
RT: 13.61 min Scan# 921

Delta R.T. -0.01 min

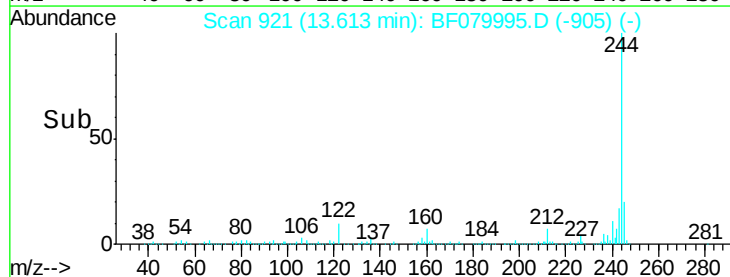
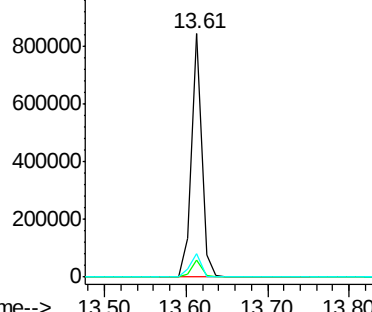
Lab File: BF079995.D

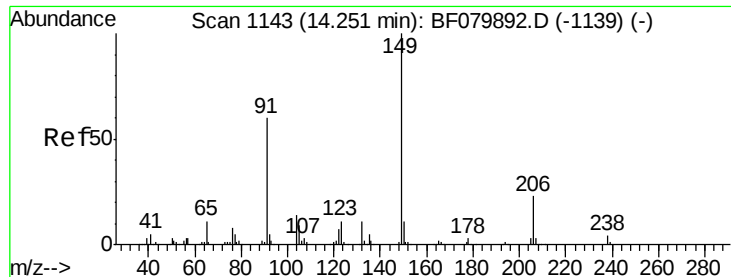
Acq: 16 Jun 2015 17:26

Tgt Ion:	244	Resp:	730731
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	9.6	7.8	11.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.15 ng

RT: 14.16 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF079995.D

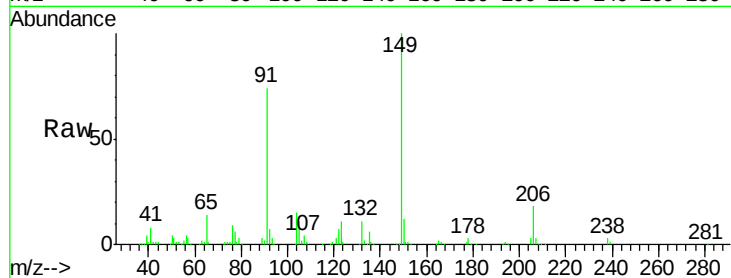
Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS



Tgt Ion:149 Resp: 203274

Ion Ratio Lower Upper

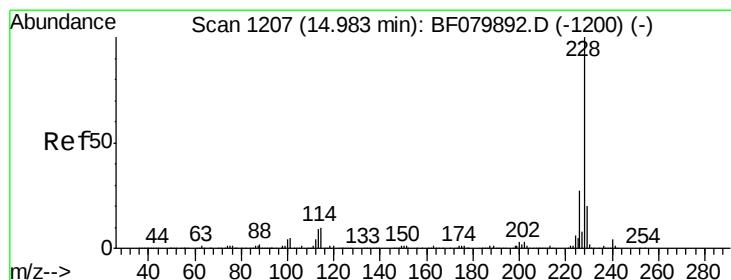
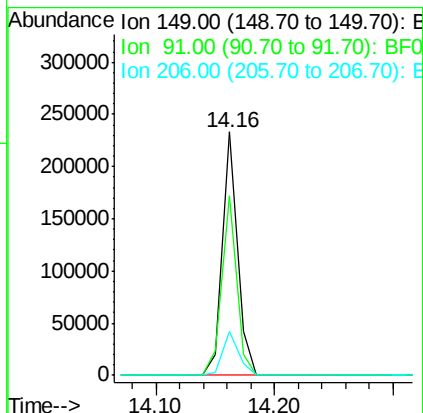
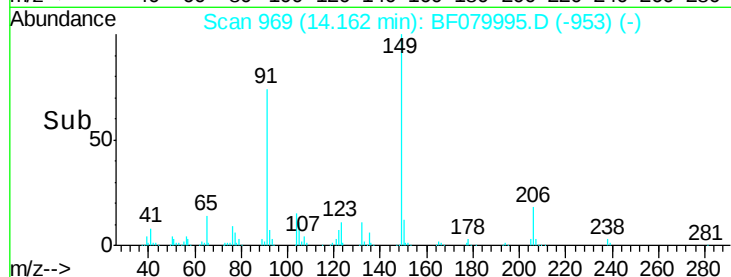
149 100

91 74.0 48.1 72.1#

206 18.3 18.6 27.8#

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#80

Benzo(a)anthracene

Concen: 37.19 ng

RT: 14.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

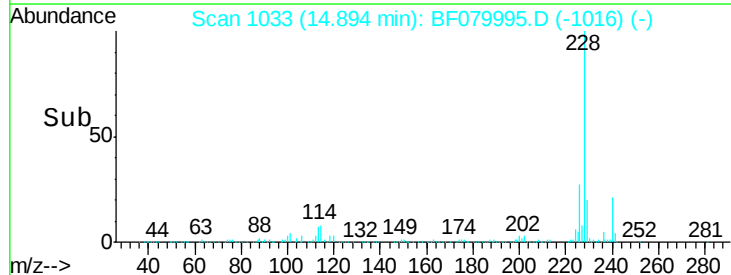
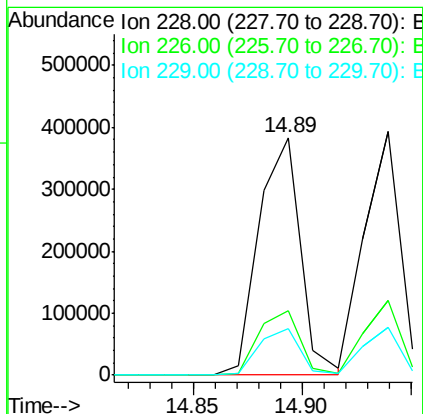
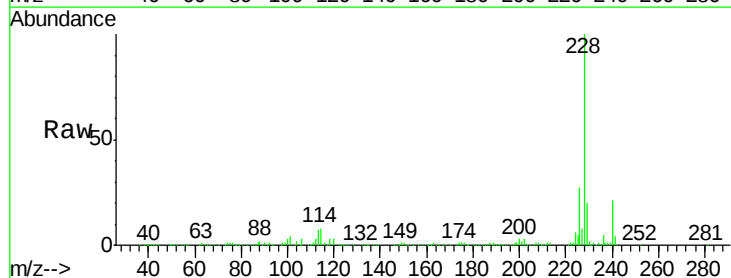
Tgt Ion:228 Resp: 512751

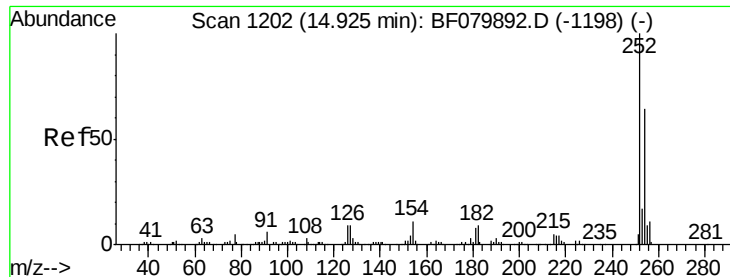
Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 15.9 23.9





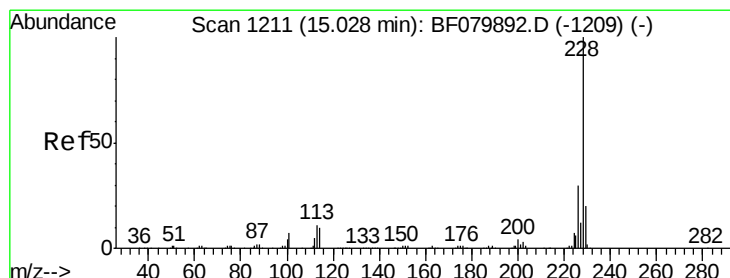
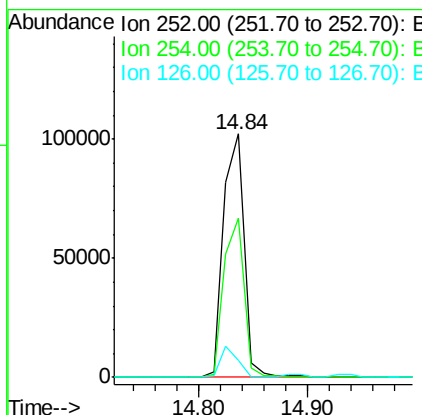
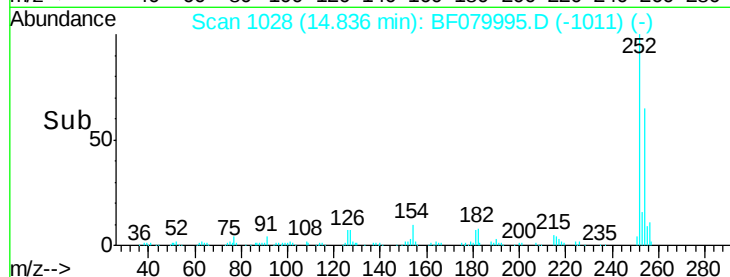
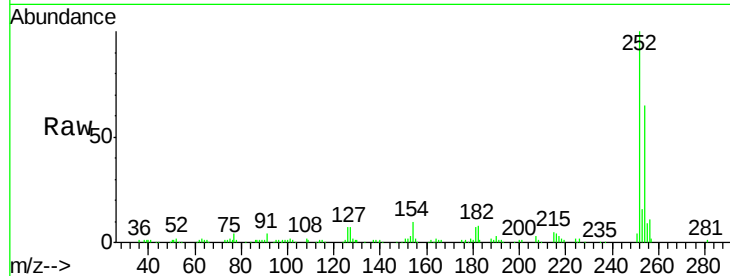
#81
 3,3'-Dichlorobenzidine
 Concen: 30.58 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleID :
 PB84048BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	51.1	76.7
126	6.9	7.3	10.9

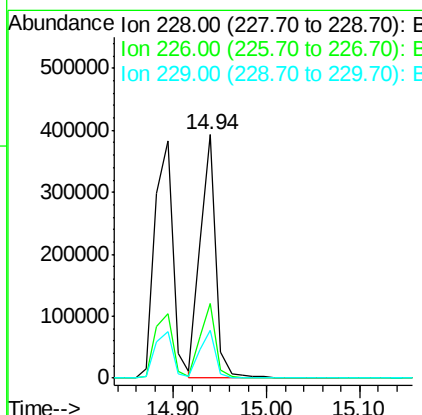
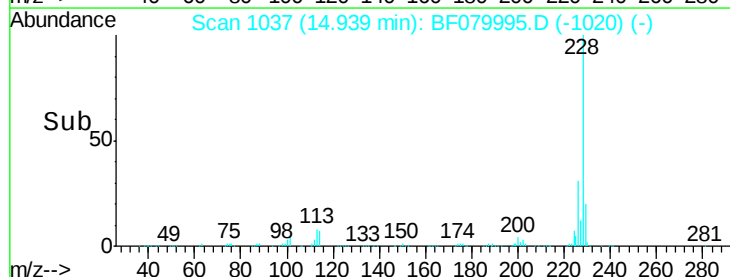
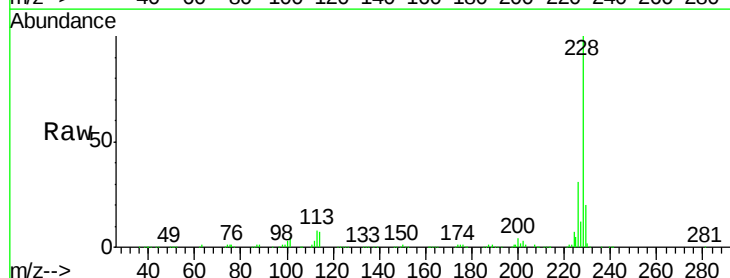
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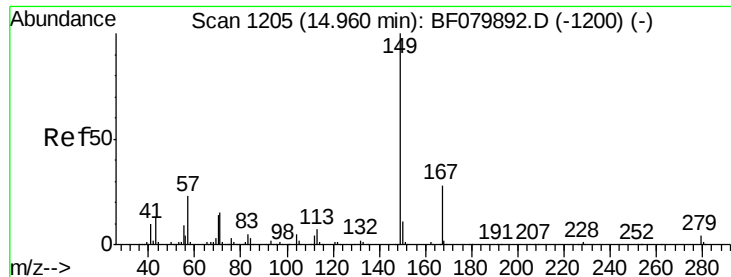
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#82
 Chrysene
 Concen: 37.52 ng
 RT: 14.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	23.9	35.9
229	19.7	16.1	24.1





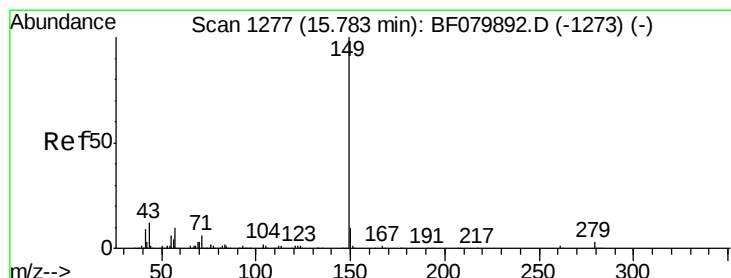
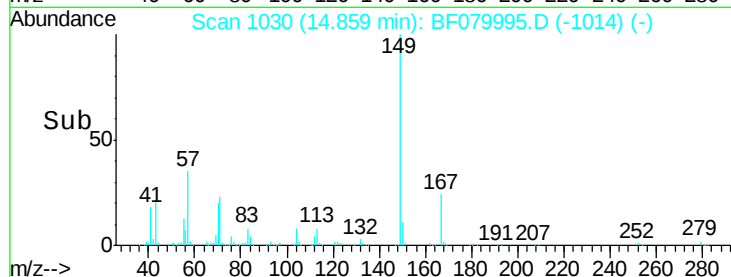
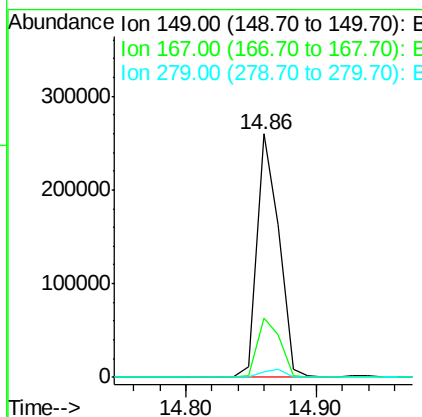
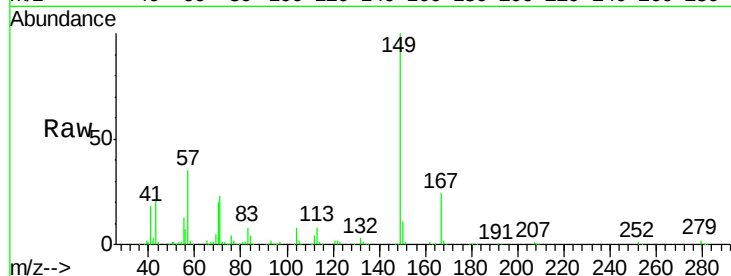
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.44 ng
 RT: 14.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	305398		
167	24.4	22.2	33.4	
279	2.2	3.1	4.7#	

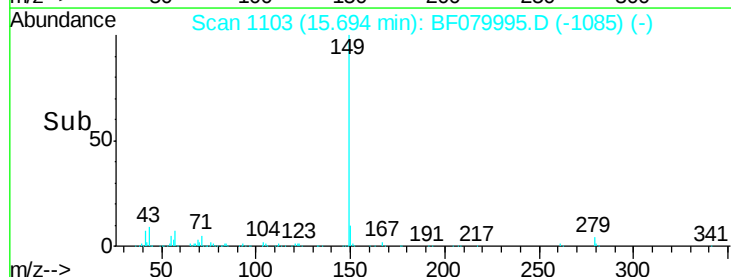
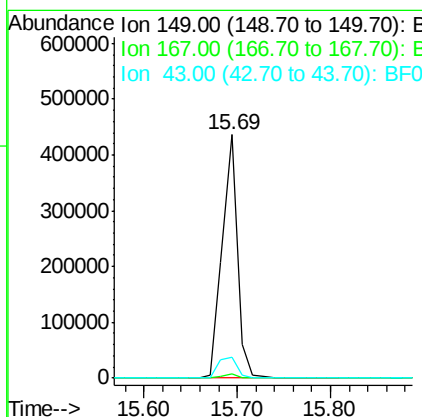
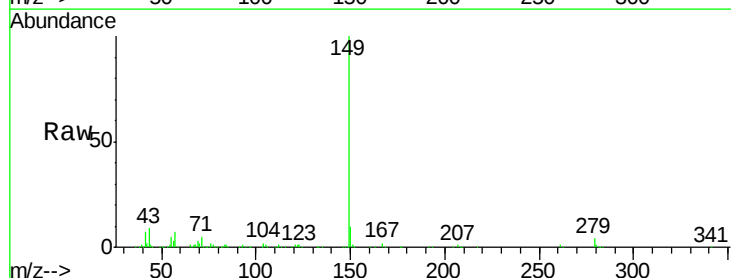
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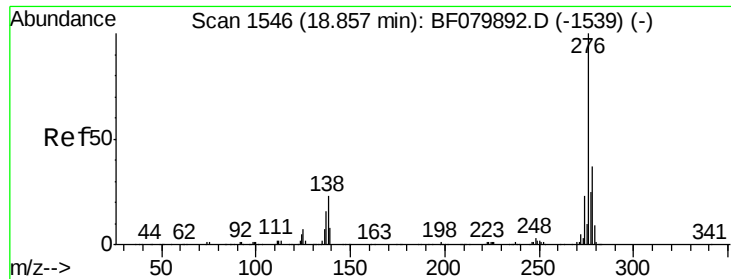
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#84
 Di-n-octyl phthalate
 Concen: 41.23 ng
 RT: 15.69 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	495545		
167	1.4	1.1	1.7	
43	10.6	8.8	13.2	





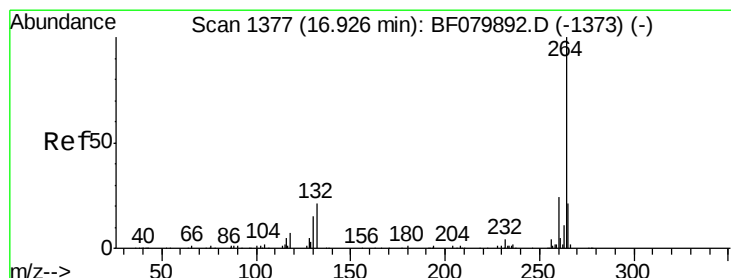
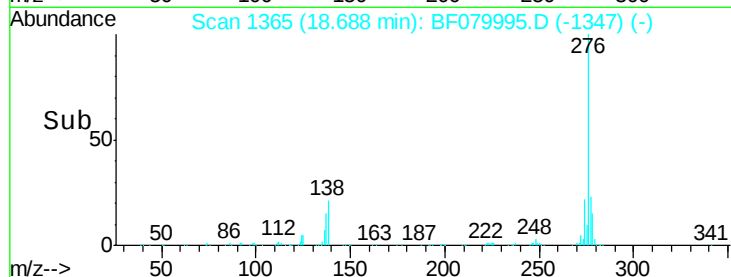
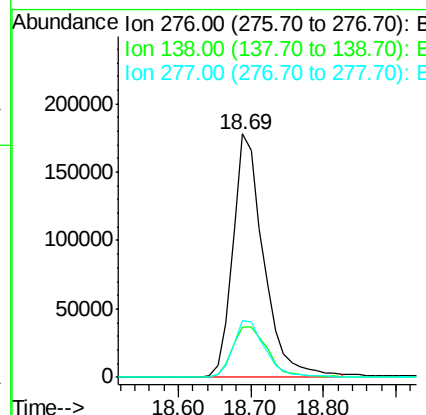
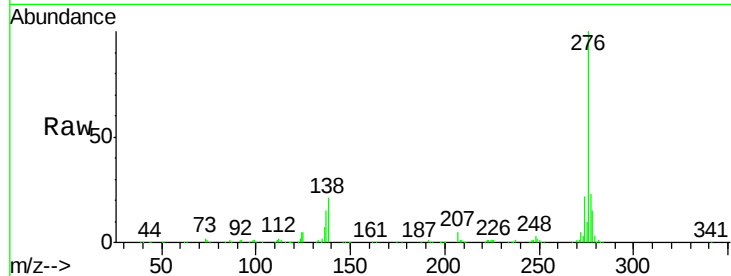
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.42 ng
 RT: 18.69 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.0	31.4
277	24.5	19.9	29.9

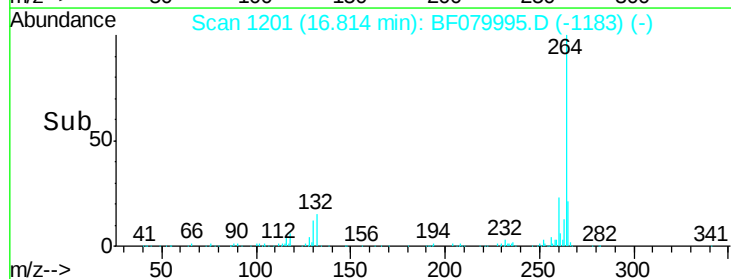
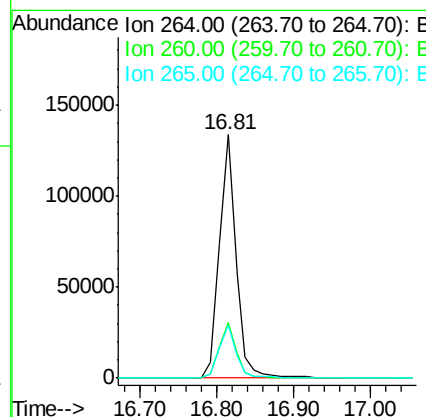
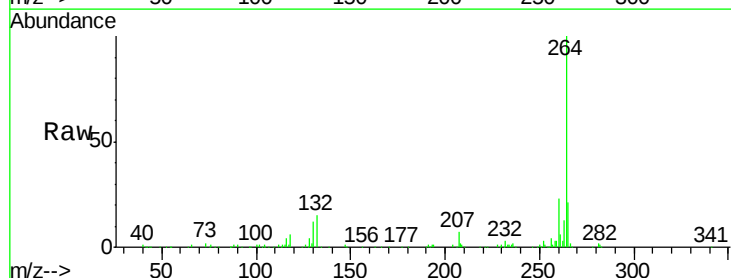
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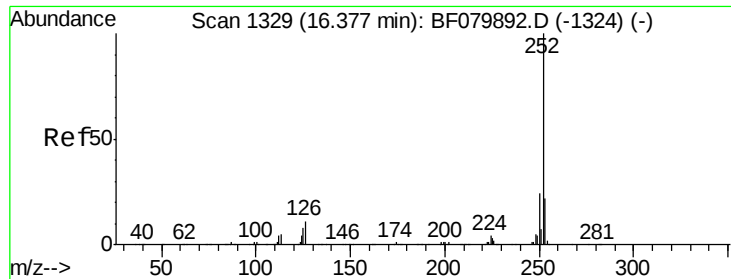
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	21.5	17.0	25.6





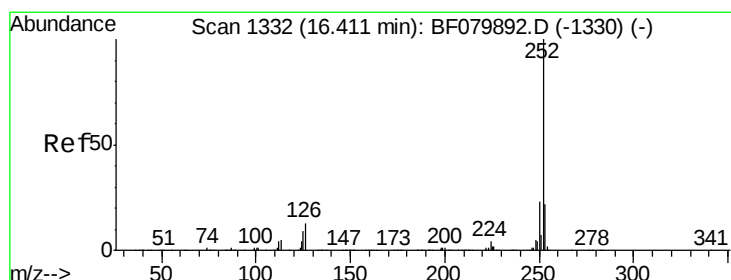
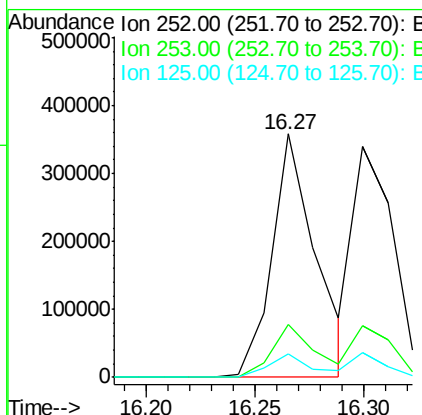
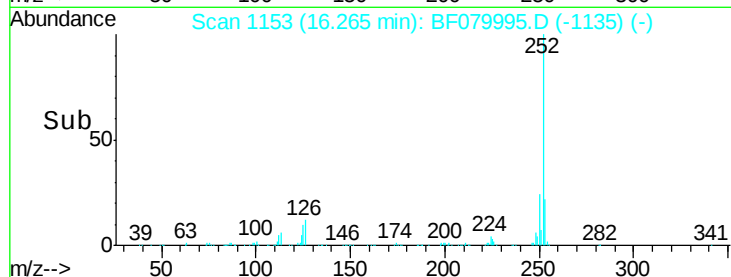
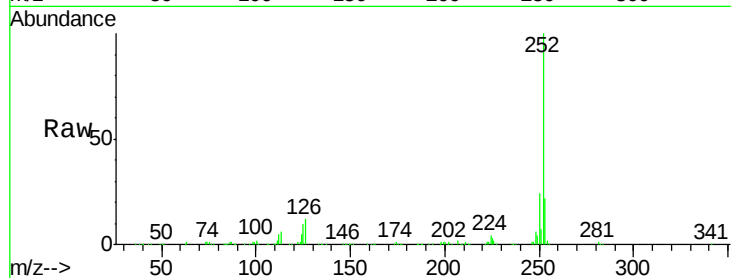
#87
Benzo(b)fluoranthene
Concen: 40.30 ng
RT: 16.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	504549		
253	21.9	17.8	26.6	
125	9.7	6.5	9.7	

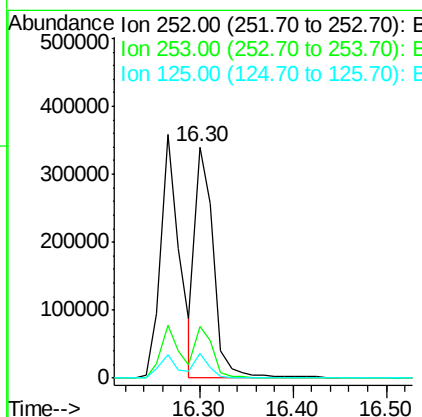
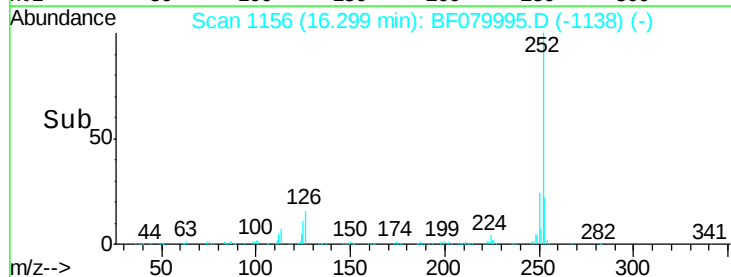
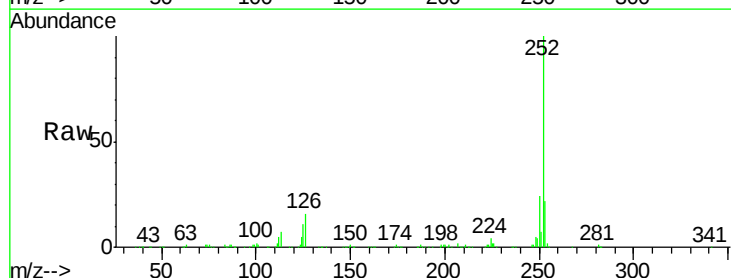
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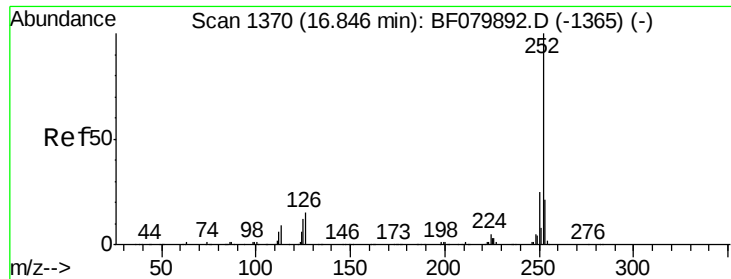
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#88
Benzo(k)fluoranthene
Concen: 36.11 ng
RT: 16.30 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	461065		
253	22.2	17.4	26.2	
125	10.7	7.4	11.0	





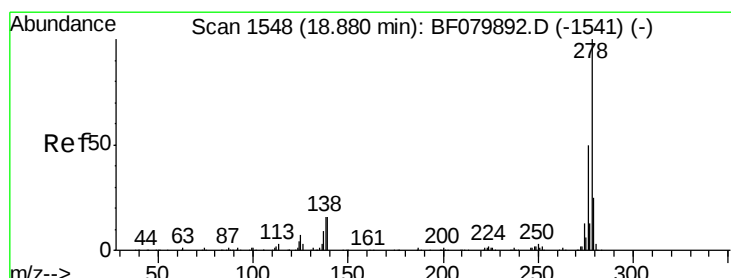
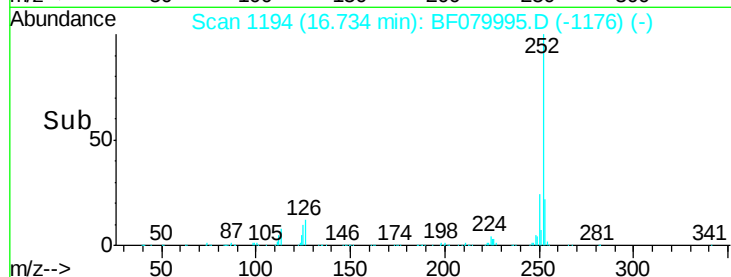
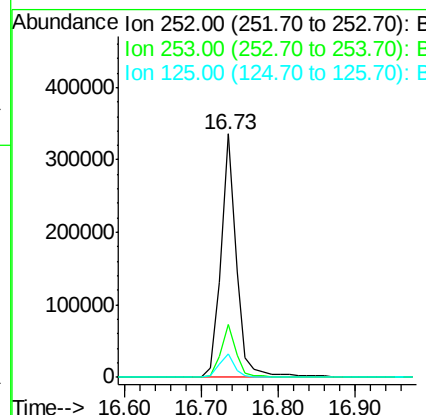
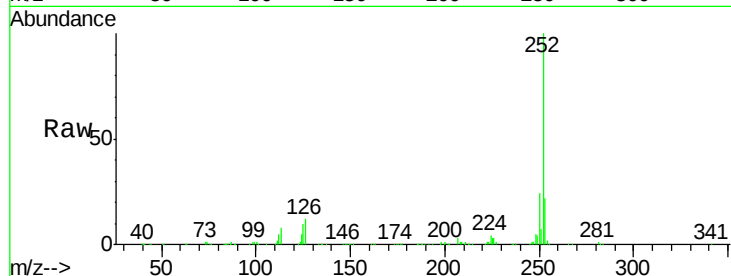
#89
Benzo(a)pyrene
Concen: 40.05 ng
RT: 16.73 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	9.9	9.7	14.5

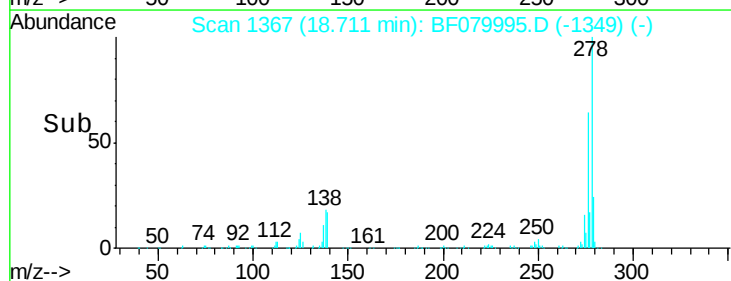
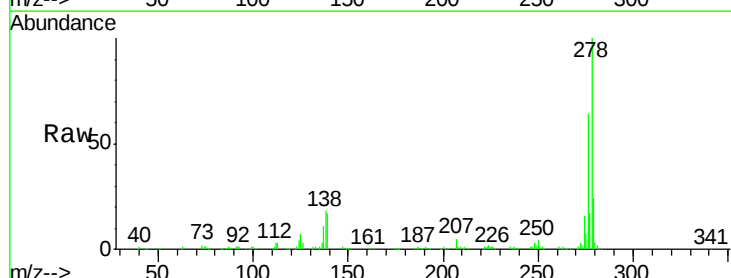
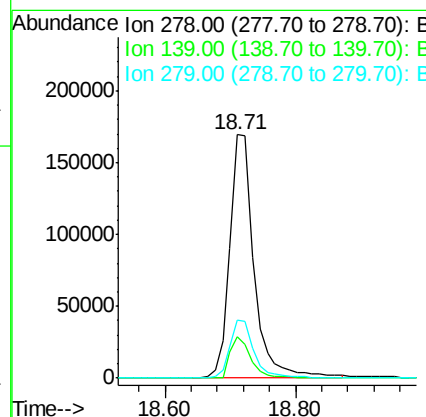
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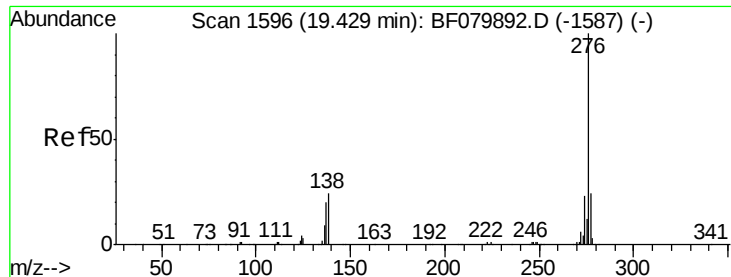
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#90
Dibenzo(a,h)anthracene
Concen: 37.40 ng
RT: 18.71 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	24.0	19.7	29.5





#91
 Benzo(g,h,i)perylene
 Concen: 37.17 ng
 RT: 19.26 min Scan# 1415
 Delta R.T. 0.02 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	21.3	19.1	28.7

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