

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080235.D
 Acq On : 30 Jun 2015 14:41
 Operator : TP/IZ
 Sample : PB84280BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Manual Integrations
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 7/1/2015 4:16:20 PM

Quant Time: Jul 01 11:04:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32484	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	129080	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	66381	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	134355	20.00	ng	-0.05
75) Chrysene-d12	14.94	240	141446	20.00	ng	-0.06
86) Perylene-d12	16.88	264	136660	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	263060	143.35	ng	-0.03
7) Phenol-d6	6.89	99	356486	145.98	ng	-0.03
23) Nitrobenzene-d5	7.84	82	207666	93.66	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	91222	140.54	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	389390	83.65	ng	-0.05
78) Terphenyl-d14	13.60	244	496118	81.92	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	28198m	32.33	ng	
3) Pyridine	3.97	79	85120	36.69	ng	# 83
4) n-Nitrosodimethylamine	3.86	42	46859	42.51	ng	88
6) Aniline	6.94	93	104427	31.08	ng	92
8) 2-Chlorophenol	7.06	128	92194	43.47	ng	84
9) Benzaldehyde	6.84	77	41935	29.75	ng	92
10) Phenol	6.90	94	137957	51.77	ng	79
11) bis(2-Chloroethyl)ether	7.01	93	91894	43.46	ng	88
12) 1,3-Dichlorobenzene	7.22	146	103408m	40.59	ng	
13) 1,4-Dichlorobenzene	7.30	146	112100m	46.26	ng	
14) 1,2-Dichlorobenzene	7.46	146	97564	41.38	ng	97
15) Benzyl Alcohol	7.41	79	78641m	39.39	ng	
16) 2,2'-oxybis(1-Chloropropan	7.56	45	153112	48.79	ng	85
17) 2-Methylphenol	7.52	107	77770	42.93	ng	# 89
18) Hexachloroethane	7.81	117	36165	44.82	ng	# 80
19) n-Nitroso-di-n-propylamine	7.68	70	71672	42.27	ng	# 76
20) 3+4-Methylphenols	7.67	107	104396	44.65	ng	90
22) Acetophenone	7.68	105	127756	42.47	ng	# 80
24) Nitrobenzene	7.86	77	99773	43.60	ng	# 76
25) Isophorone	8.09	82	173447	38.87	ng	# 83
26) 2-Nitrophenol	8.18	139	49029	51.18	ng	# 73
27) 2,4-Dimethylphenol	8.21	122	94545	47.33	ng	# 81
28) bis(2-Chloroethoxy)methane	8.30	93	102694	39.17	ng	# 90
29) 2,4-Dichlorophenol	8.42	162	86843	50.77	ng	100
30) 1,2,4-Trichlorobenzene	8.52	180	93603	48.18	ng	99
31) Naphthalene	8.60	128	266936m	39.55	ng	
32) Benzoic acid	8.28	122	36411	30.15	ng	# 67
33) 4-Chloroaniline	8.64	127	58461	20.24	ng	98
34) Hexachlorobutadiene	8.72	225	48842	40.83	ng	99
35) Caprolactam	8.97	113	22705	40.89	ng	# 75
36) 4-Chloro-3-methylphenol	9.11	107	84938	44.02	ng	90
37) 2-Methylnaphthalene	9.29	142	202207	46.32	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	93256	48.28	ng	97
40) Hexachlorocyclopentadiene	9.45	237	84949	85.03	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	62303	47.40	ng	99
43) 2,4,5-Trichlorophenol	9.60	196	59040	38.99	ng #	85
45) 1,1'-Biphenyl	9.76	154	222891	41.27	ng	95
46) 2-Chloronaphthalene	9.78	162	181410	41.40	ng	94
47) 2-Nitroaniline	9.88	65	47857	39.78	ng	93
48) Acenaphthylene	10.21	152	303424	41.48	ng	98
49) Dimethylphthalate	10.05	163	213966	42.87	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	42635	42.61	ng #	88
51) Acenaphthene	10.38	154	195342	43.66	ng	90
52) 3-Nitroaniline	10.28	138	34128	29.56	ng #	45
53) 2,4-Dinitrophenol	10.39	184	44236	106.54	ng #	14
54) Dibenzofuran	10.55	168	259159	40.82	ng #	87
55) 4-Nitrophenol	10.44	139	73199	79.33	ng #	84
56) 2,4-Dinitrotoluene	10.52	165	61049	48.09	ng #	76
57) Fluorene	10.90	166	214238	42.52	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	50563	39.55	ng	95
59) Diethylphthalate	10.76	149	205734	40.94	ng	95
60) 4-Chlorophenyl-phenylether	10.88	204	97029	40.08	ng #	82
61) 4-Nitroaniline	10.89	138	45278	37.98	ng #	41
62) Azobenzene	11.04	77	200365	39.17	ng	85
64) 4,6-Dinitro-2-methylphenol	10.94	198	26215	41.05	ng #	57
65) n-Nitrosodiphenylamine	11.00	169	176140	40.26	ng	91
66) 4-Bromophenyl-phenylether	11.38	248	65069	45.55	ng	92
67) Hexachlorobenzene	11.46	284	70509	44.41	ng #	84
68) Atrazine	11.52	200	57743	41.78	ng	83
69) Pentachlorophenol	11.66	266	68271	75.88	ng	98
70) Phenanthrene	11.89	178	335698	41.27	ng	97
71) Anthracene	11.94	178	336121	42.92	ng	99
72) Carbazole	12.09	167	296921	39.71	ng	96
73) Di-n-butylphthalate	12.44	149	347380	40.21	ng #	98
74) Fluoranthene	13.18	202	347606	40.13	ng	93
76) Benzidine	13.30	184	201311	50.92	ng	98
77) Pyrene	13.45	202	365904	42.02	ng	96
79) Butylbenzylphthalate	14.19	149	144422	41.30	ng #	96
80) Benzo(a)anthracene	14.93	228	348309	40.42	ng	97
81) 3,3'-Dichlorobenzidine	14.87	252	64649	21.75	ng #	95
82) Chrysene	14.97	228	324919	40.89	ng	95
83) Bis(2-ethylhexyl)phthalate	14.92	149	217641	39.38	ng #	94
84) Di-n-octyl phthalate	15.77	149	377659	39.87	ng	97
85) Indeno(1,2,3-cd)pyrene	18.72	276	380793	38.00	ng #	89
87) Benzo(b)fluoranthene	16.35	252	330298	39.92	ng #	86
88) Benzo(k)fluoranthene	16.38	252	344771	40.92	ng #	88
89) Benzo(a)pyrene	16.80	252	331092	42.14	ng #	86
90) Dibenzo(a,h)anthracene	18.75	278	319103	39.68	ng #	82
91) Benzo(g,h,i)perylene	19.27	276	321435	39.58	ng #	77

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



#1

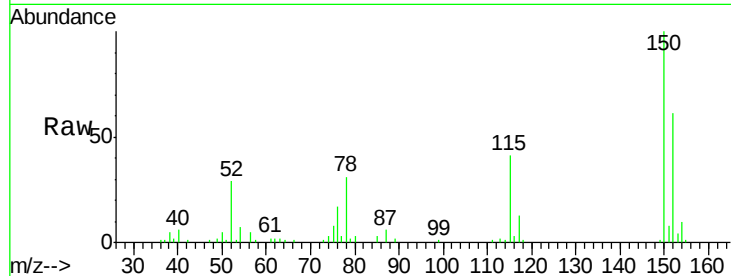
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

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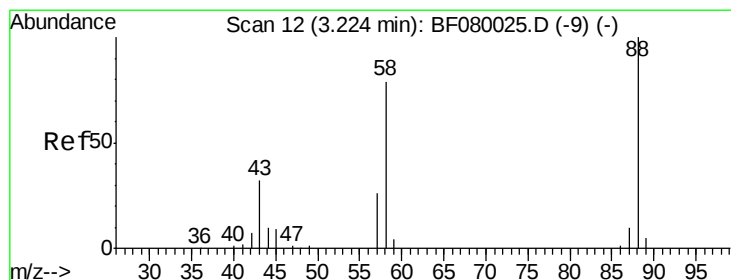
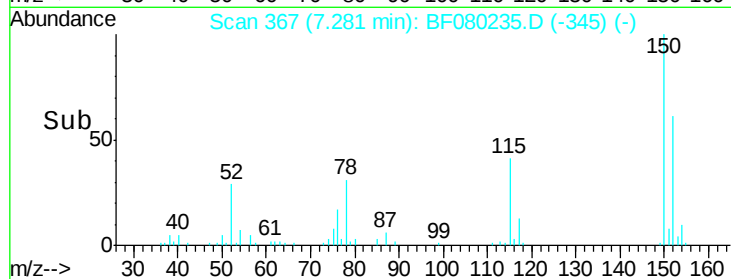
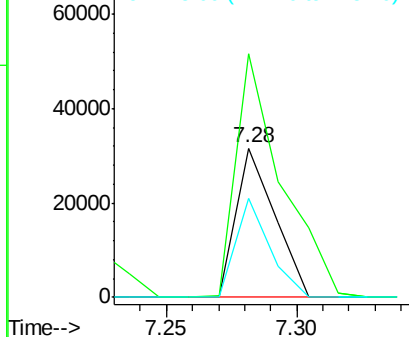
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.7	187.1
115	66.1	39.0	58.4

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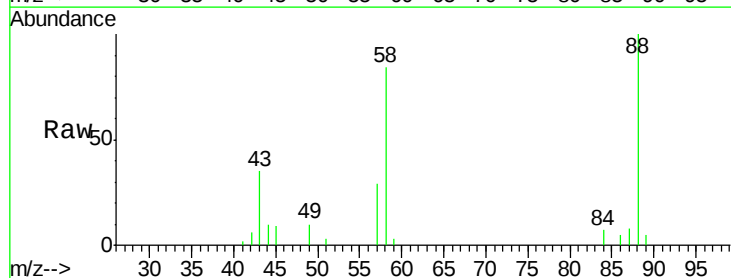
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



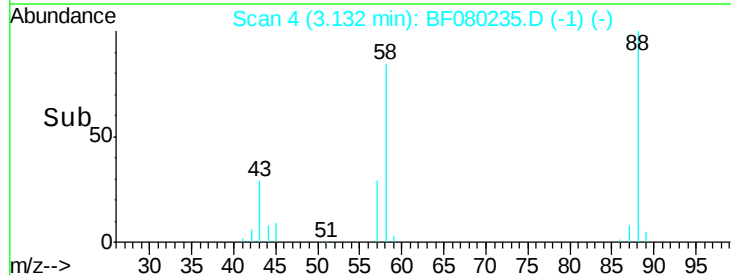
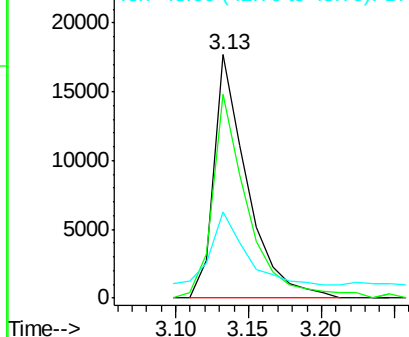
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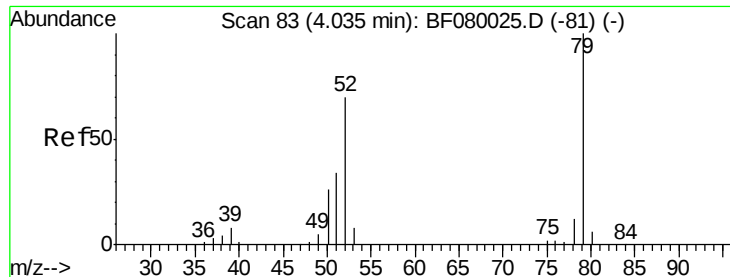
1,4-Dioxane
Concen: 32.33 ng m
RT: 3.13 min Scan# 4
Delta R.T. -0.06 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	77.7	116.5
43	25.6	26.6	40.0



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: 36.69 ng

RT: 3.97 min Scan# 77

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion: 79 Resp: 85120
Ion Ratio Lower Upper

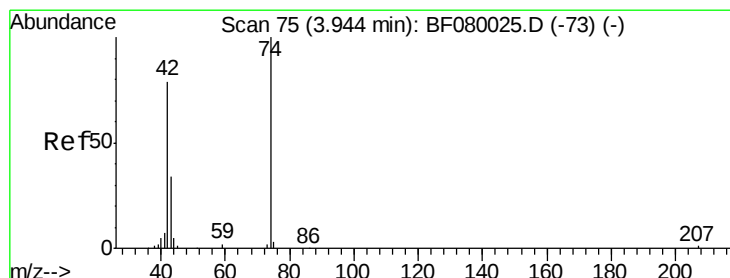
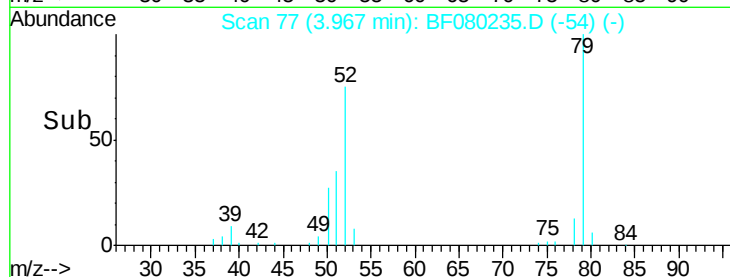
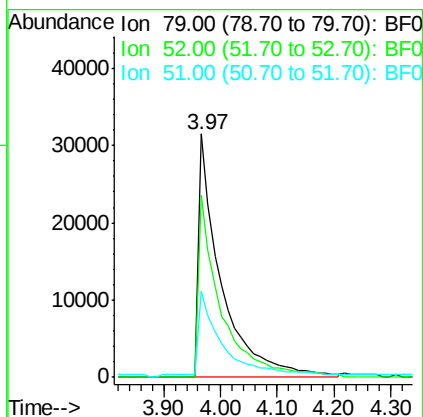
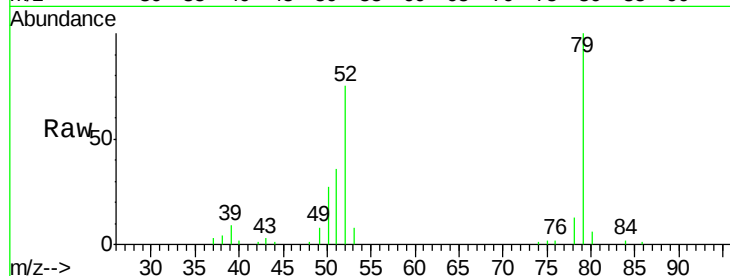
79 100

52 75.1 76.8 115.2#

51 35.6 32.2 48.4

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#4

n-Nitrosodimethylamine

Concen: 42.51 ng

RT: 3.86 min Scan# 68

Delta R.T. -0.06 min

Lab File: BF080235.D

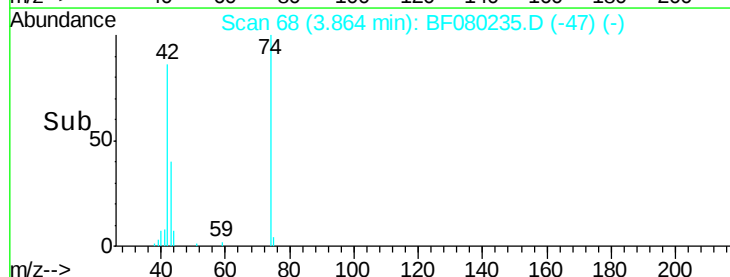
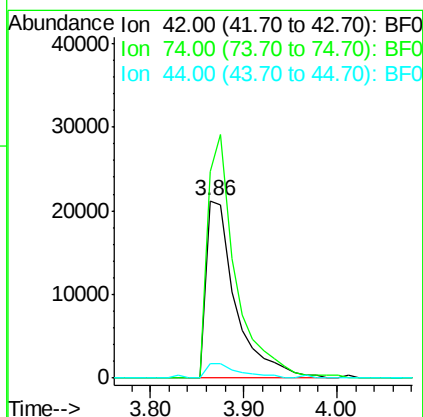
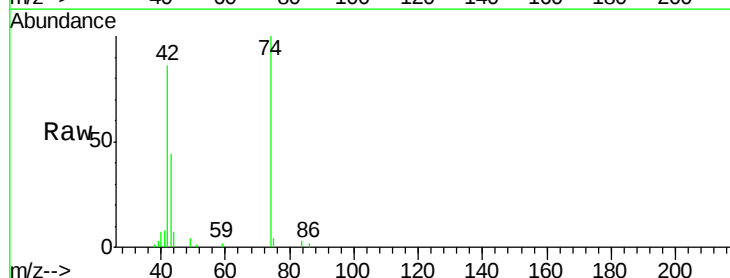
Acq: 30 Jun 2015 14:41

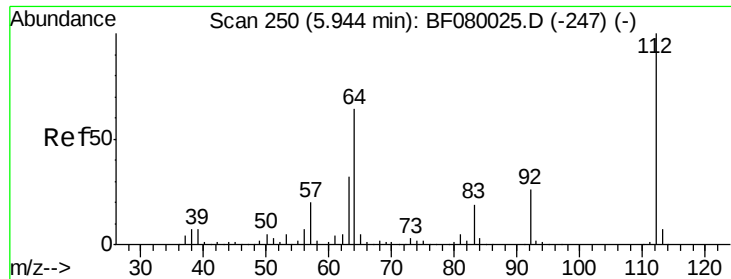
Tgt Ion: 42 Resp: 46859
Ion Ratio Lower Upper

42 100

74 116.5 105.0 157.6

44 8.3 6.6 10.0





#5

2-Fluorophenol

Concen: 143.35 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

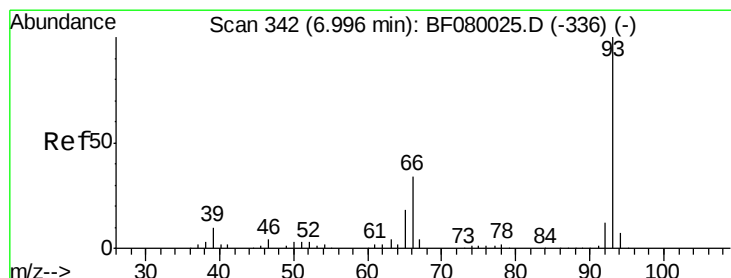
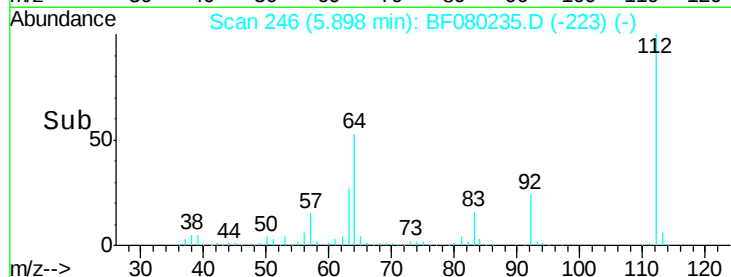
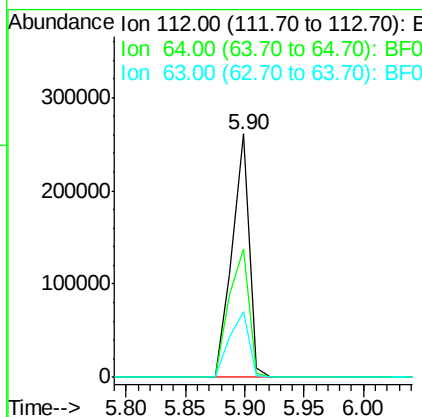
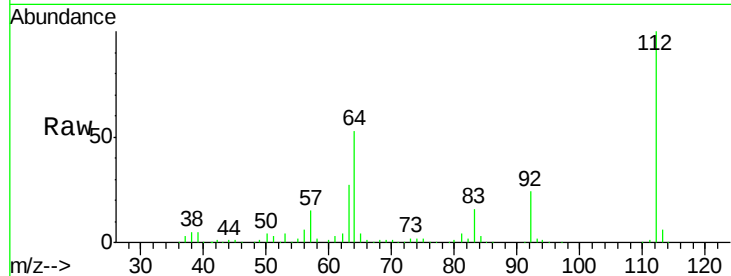
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Tgt Ion:	112	Resp:	263060
Ion Ratio	Lower	Upper	
112	100		
64	53.0	39.7	59.5
63	26.9	17.4	26.0

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#6

Aniline

Concen: 31.08 ng

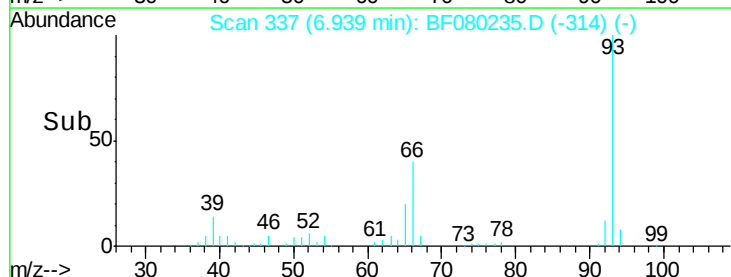
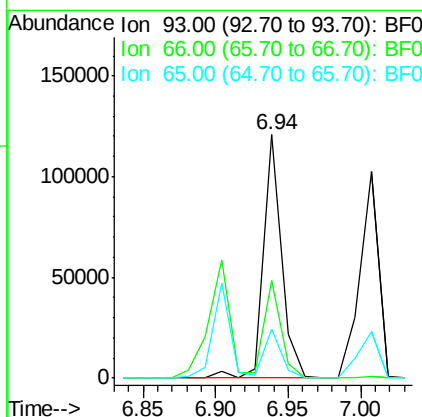
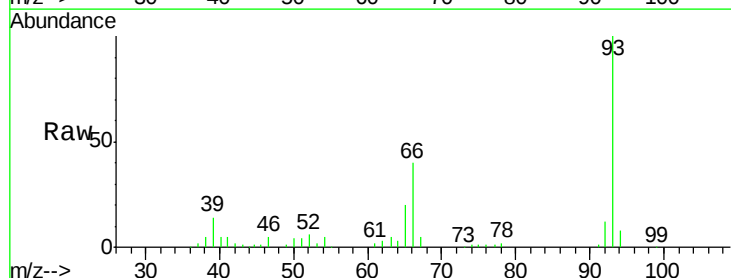
RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	93	Resp:	104427
Ion Ratio	Lower	Upper	
93	100		
66	39.9	27.2	40.8
65	20.1	14.7	22.1





#7

Phenol-d6

Concen: 145.98 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080235.D

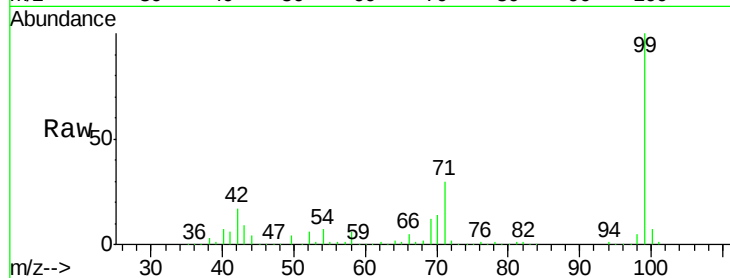
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

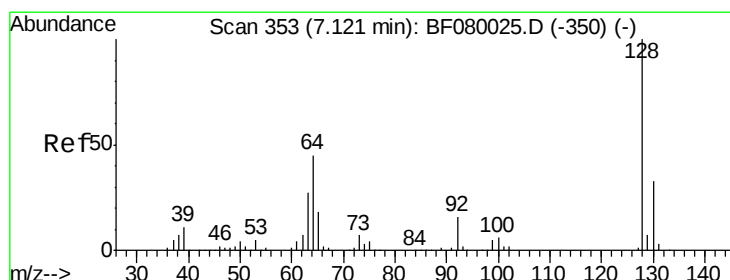
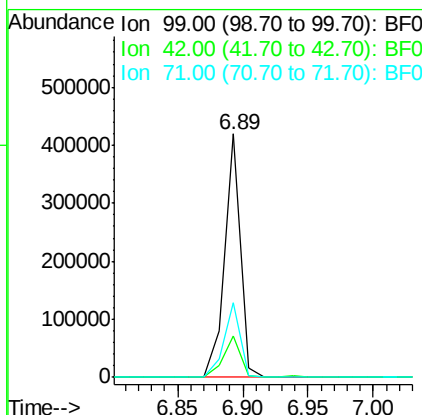
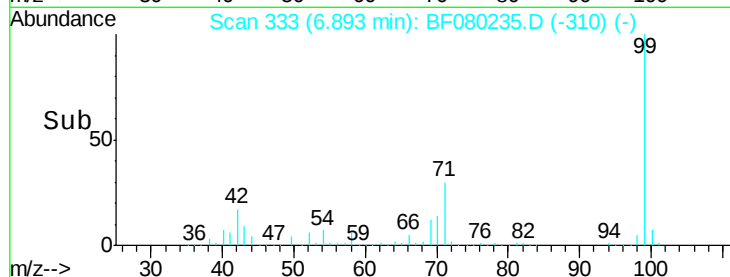
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Tgt Ion:	99	Resp:	356486
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.7	20.5
71	30.4	14.2	21.2#

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#8

2-Chlorophenol

Concen: 43.47 ng

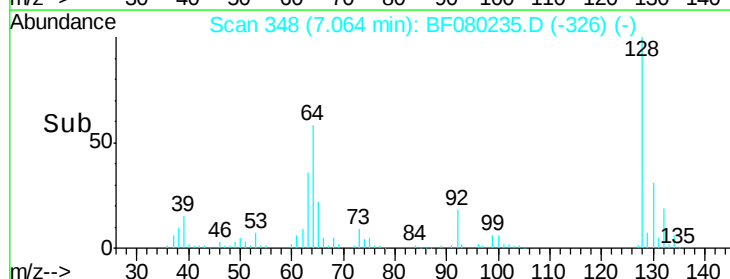
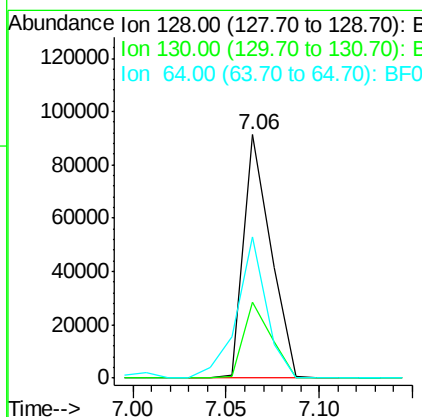
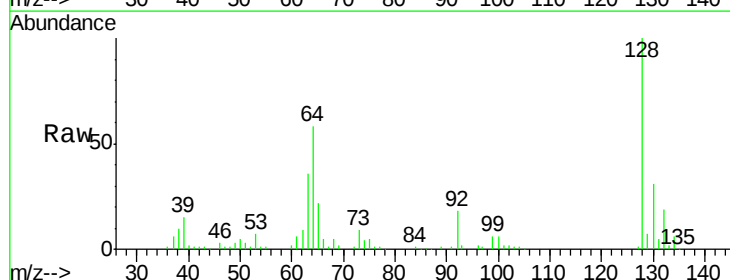
RT: 7.06 min Scan# 348

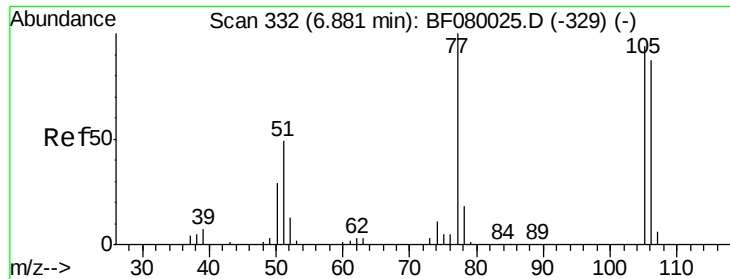
Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	128	Resp:	92194
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.2	52.2
64	57.8	20.5	60.5





#9

Benzaldehyde

Concen: 29.75 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

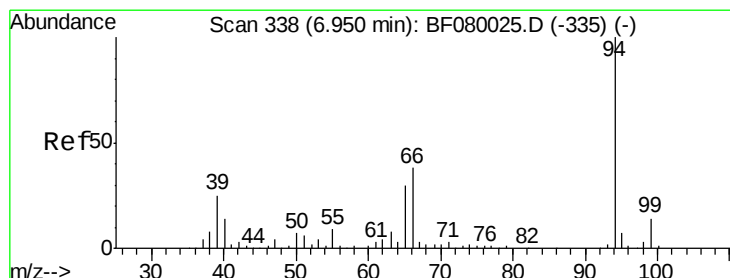
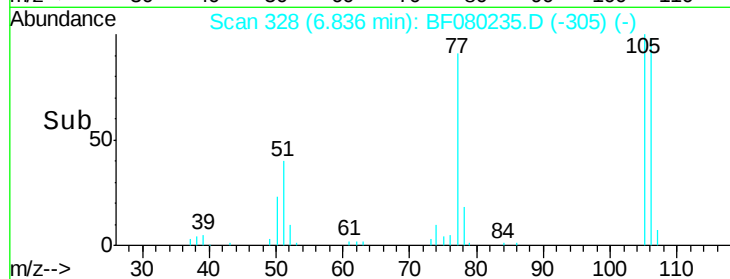
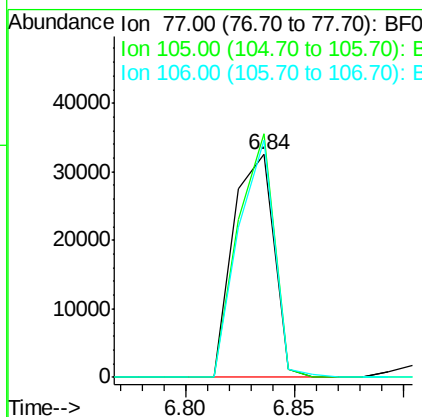
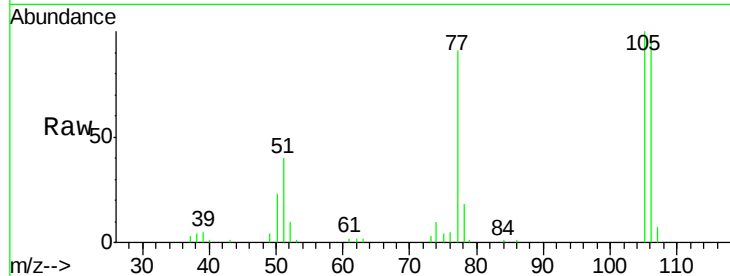
ClientSampleId :

PB84280BS

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Tgt Ion:	77	Resp:	41935
Ion	Ratio	Lower	Upper
77	100		
105	109.4	91.6	131.6
106	106.8	102.6	142.6



#10

Phenol

Concen: 51.77 ng

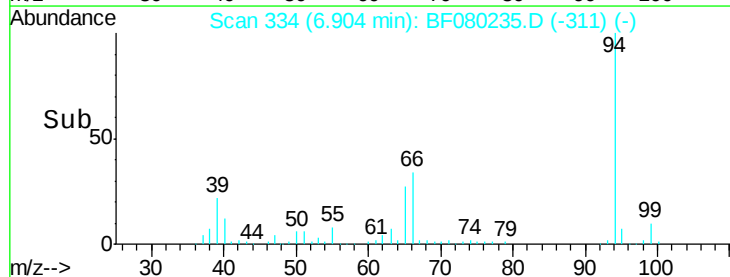
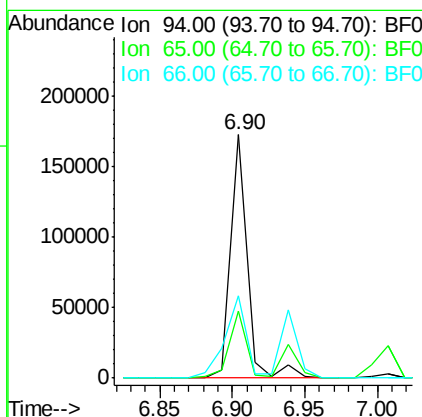
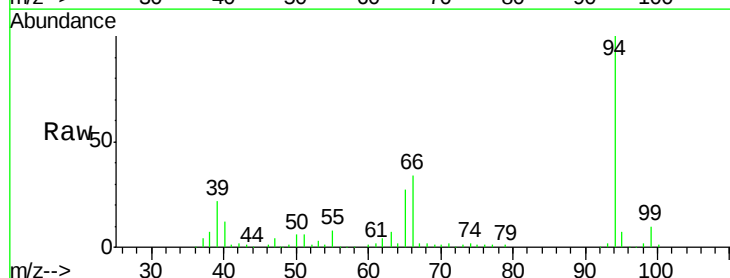
RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

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Tgt Ion:	94	Resp:	137957
Ion	Ratio	Lower	Upper
94	100		
65	27.5	0.7	40.7
66	33.9	0.8	40.8





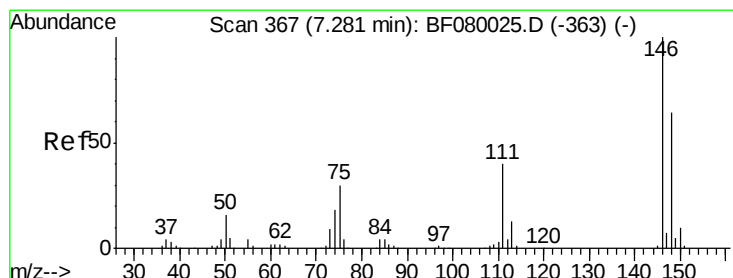
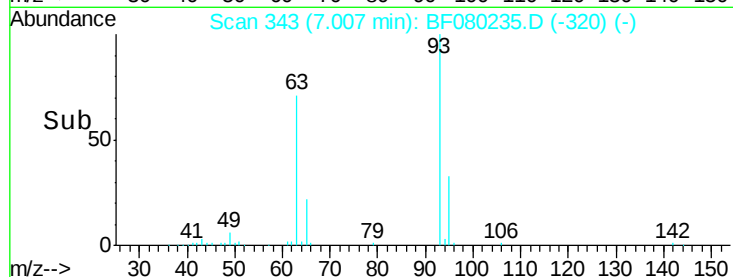
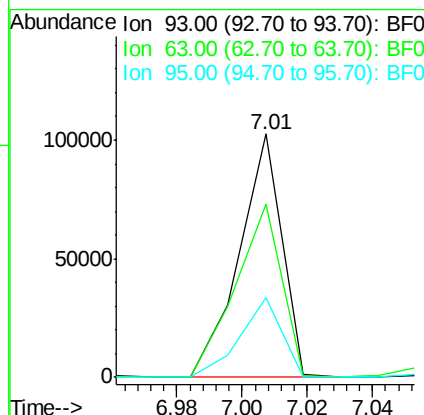
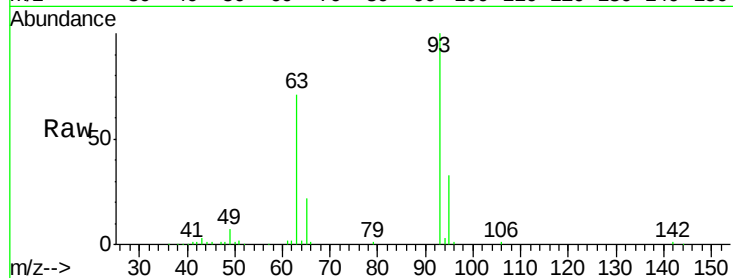
#11
 bis(2-Chloroethyl)ether
 Concen: 43.46 ng
 RT: 7.01 min Scan# 343
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	91894		
63	71.1	65.6	105.6	
95	32.6	13.6	53.6	

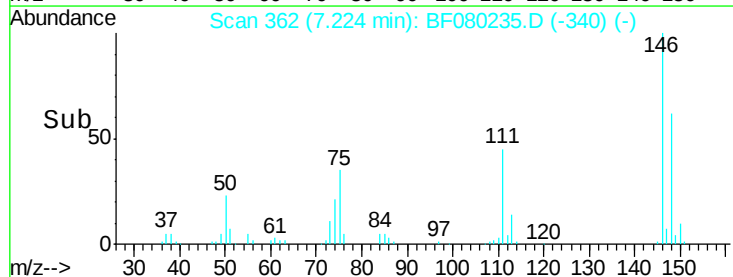
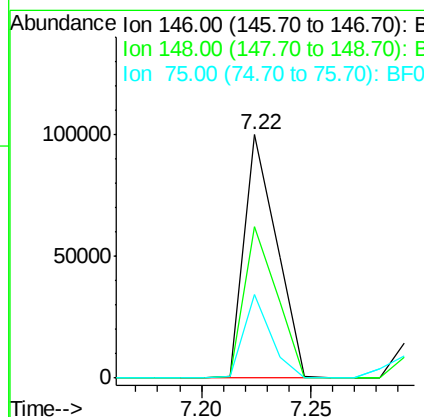
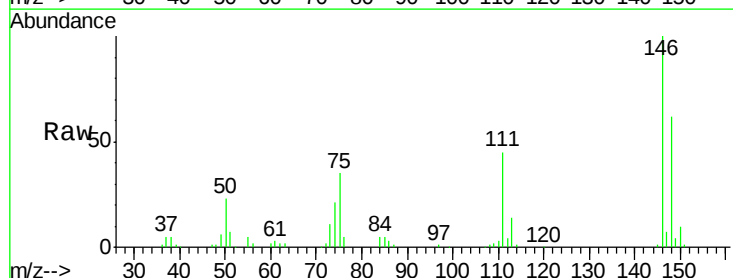
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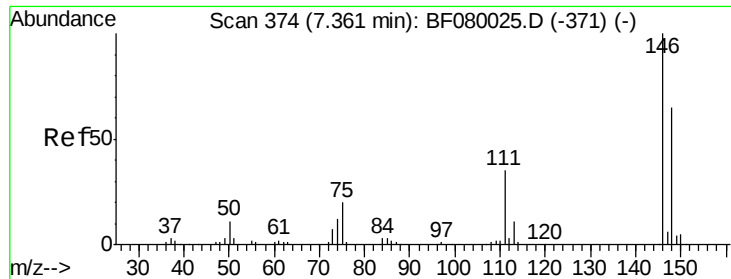
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#12
 1,3-Dichlorobenzene
 Concen: 40.59 ng m
 RT: 7.22 min Scan# 362
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	103408		
148	62.3	51.0	76.4	
75	34.6	15.0	22.6	





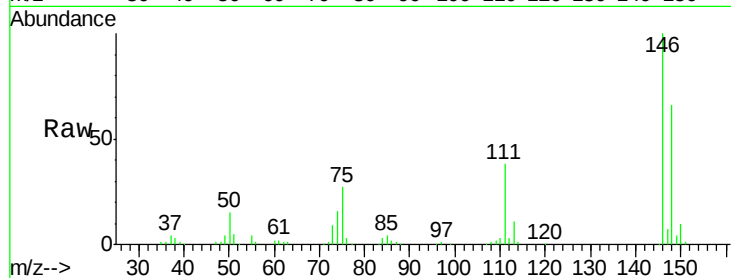
#13
 1,4-Dichlorobenzene
 Concen: 46.26 ng m
 RT: 7.30 min Scan# 369
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

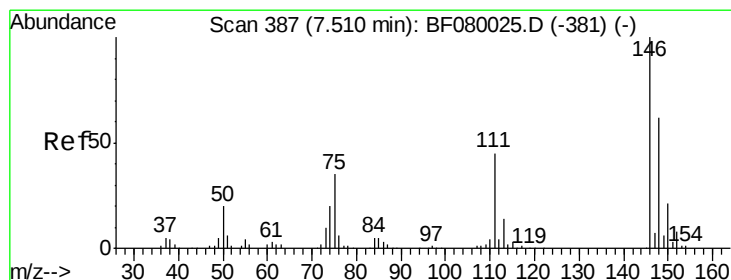
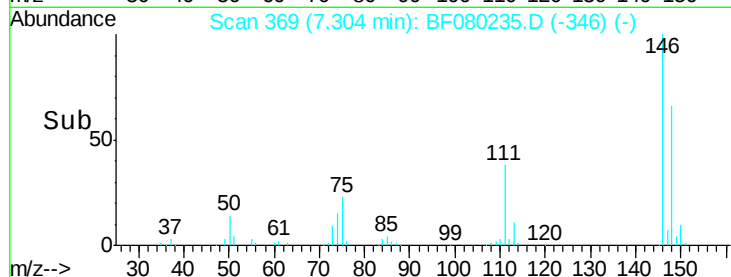
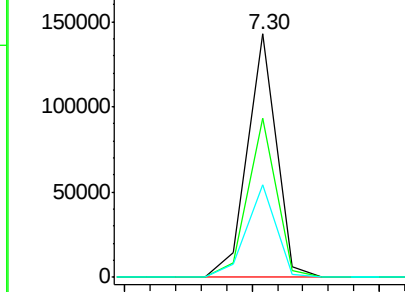
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
111	38.2	24.9	37.3

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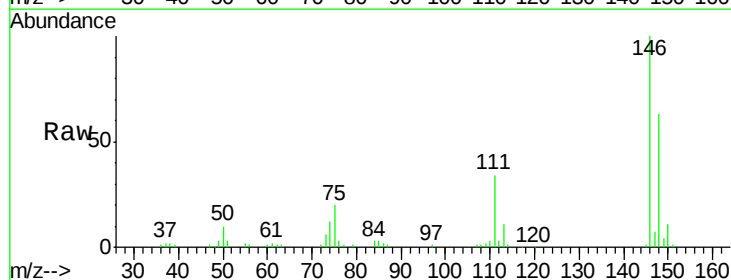


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

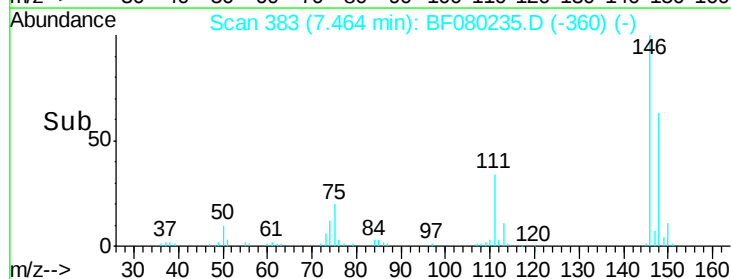
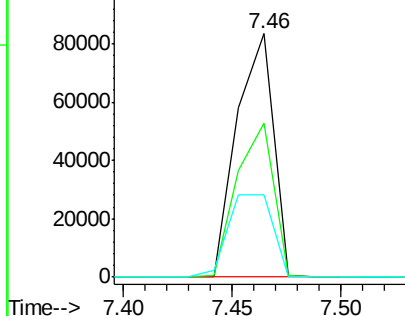


#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 7.46 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.7	79.1
111	33.7	28.8	43.2



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





#15

Benzyl Alcohol

Concen: 39.39 ng m

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

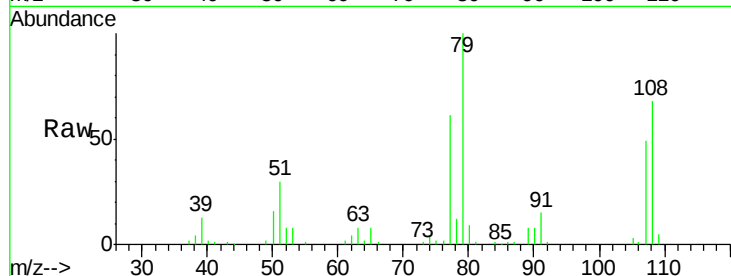
ClientSampleId :

PB84280BS

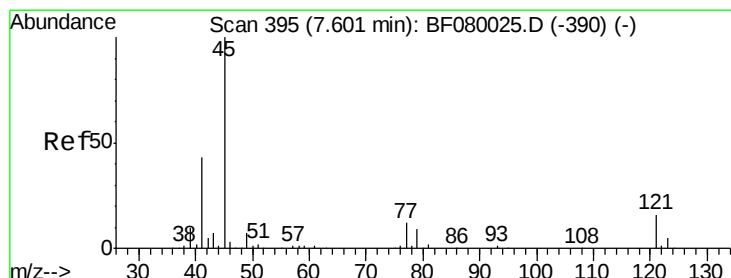
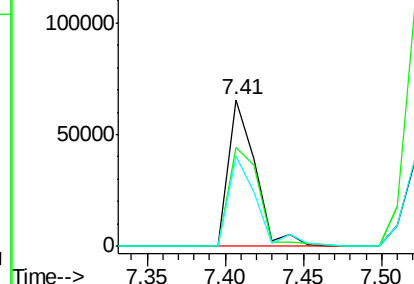
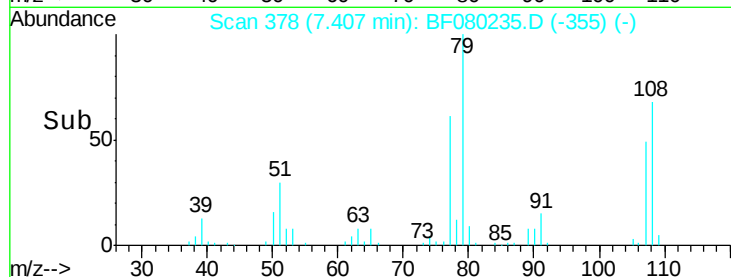
Tgt Ion:	79	Resp:	78641
Ion Ratio	Lower	Upper	
79	100		
108	67.7	88.6	132.8#
77	61.5	47.0	70.4

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.79 ng

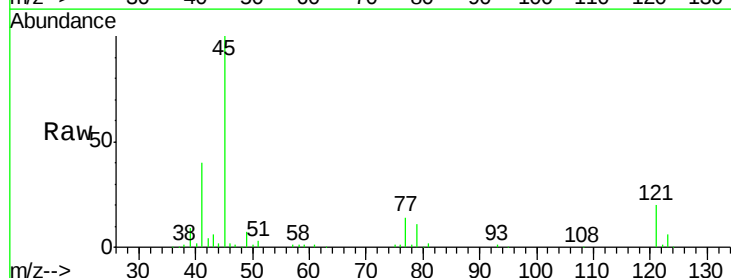
RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

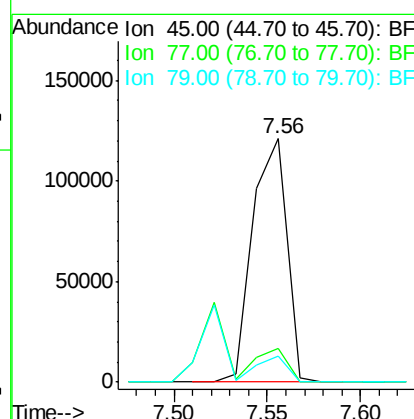
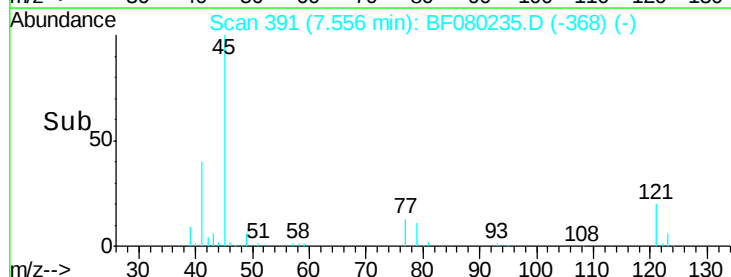
Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	45	Resp:	153112
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	28.1
79	10.6	0.0	26.0



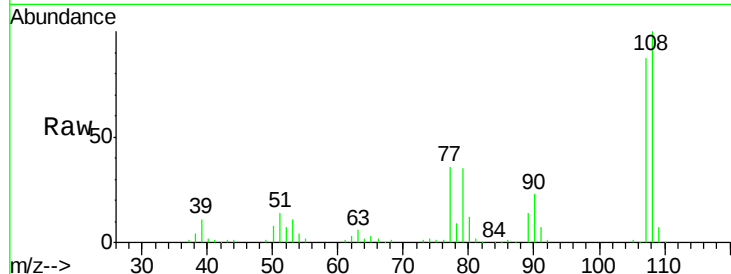
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 42.93 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

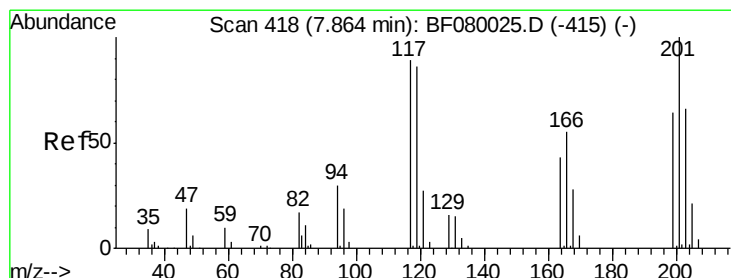
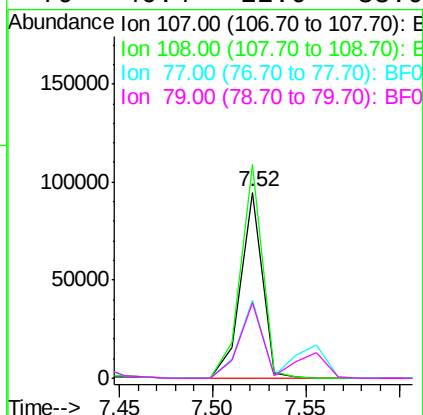
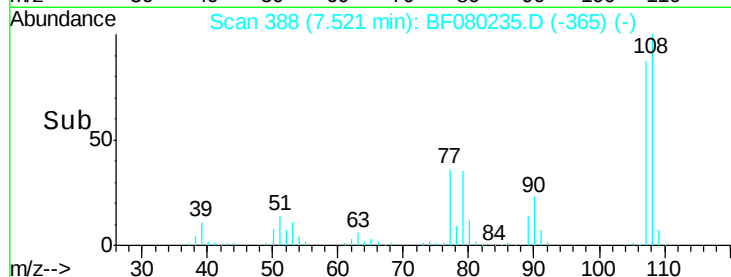
Instrument :
BNA_F
ClientSampleId :
PB84280BS



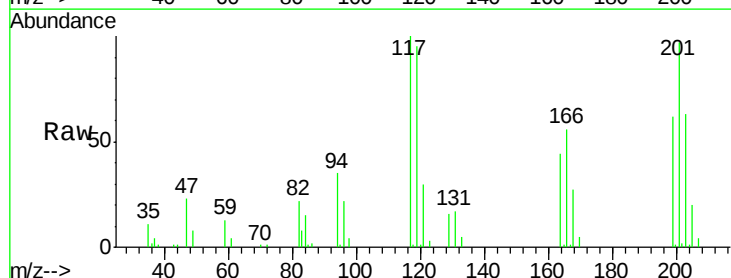
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	77770		
108	114.8	96.6	145.0	
77	41.8	23.3	34.9	
79	40.4	22.0	33.0	

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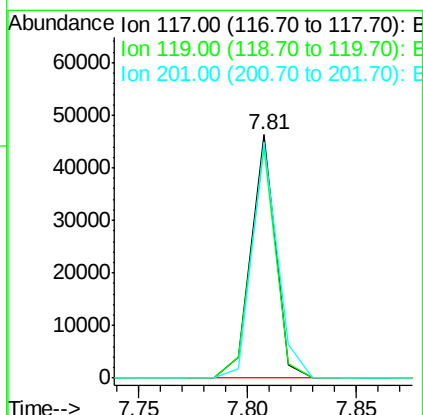
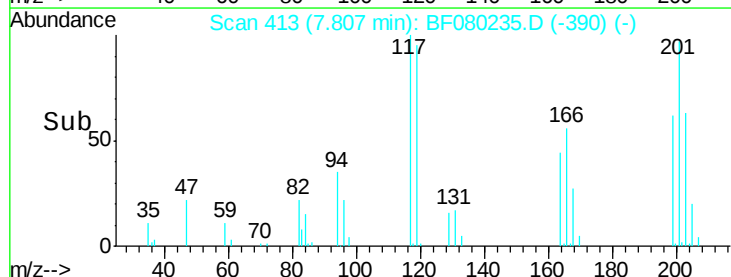
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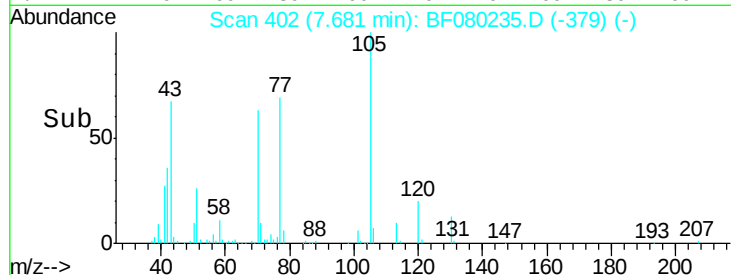
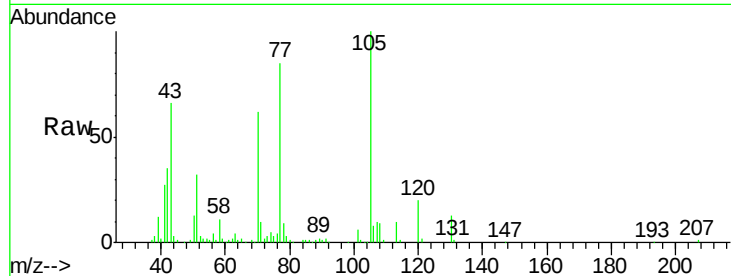


#18
Hexachloroethane
Concen: 44.82 ng
RT: 7.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36165		
119	94.7	83.8	125.6	
201	96.9	55.1	82.7	





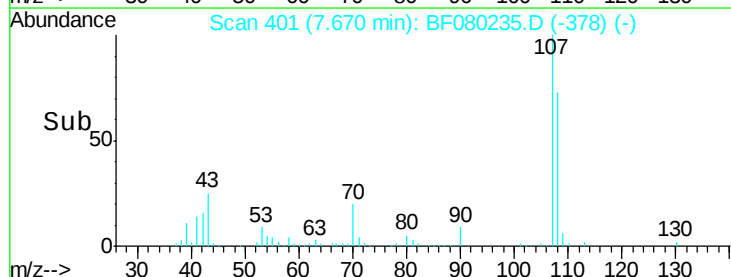
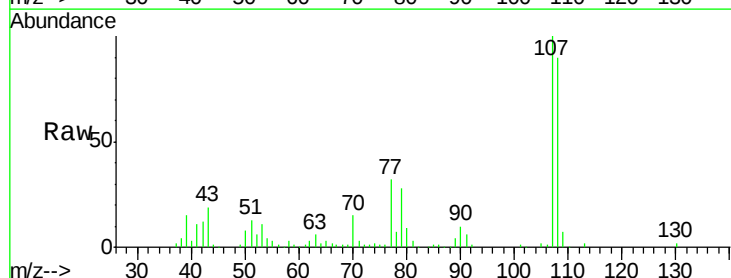
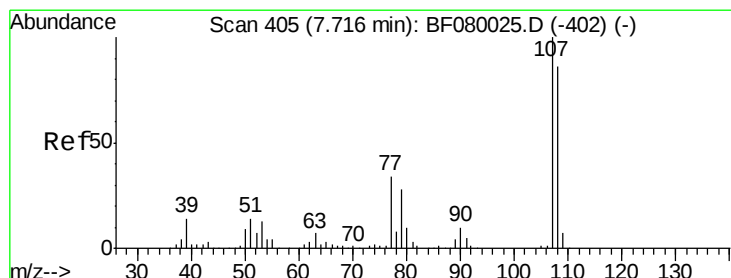
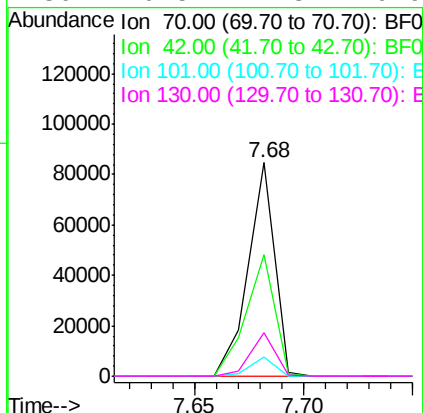
#19
n-Nitroso-di-n-propylamine
Concen: 42.27 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

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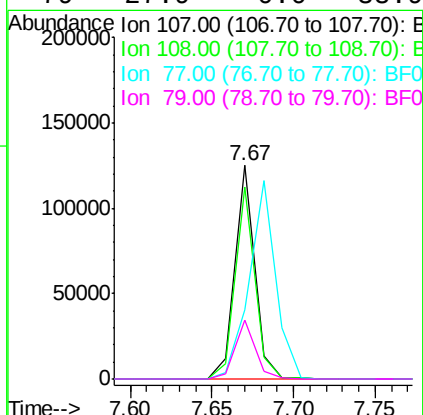
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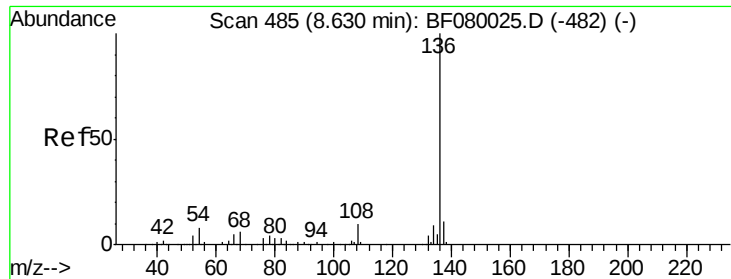
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.7	63.8	95.6#
101	9.3	9.2	13.8
130	20.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 44.65 ng
RT: 7.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	74.6	114.6
77	32.4	0.7	40.7
79	27.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

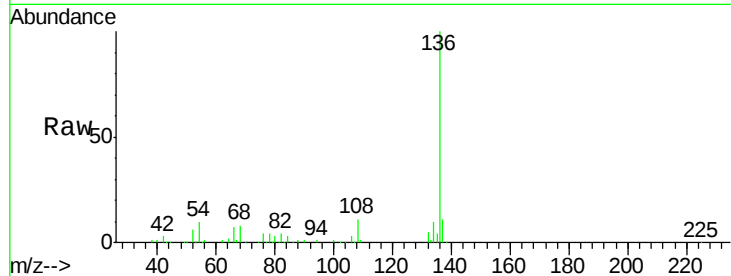
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	129080		
137	11.4	9.0	13.6	
54	10.5	8.2	12.2	
68	7.6	5.8	8.6	



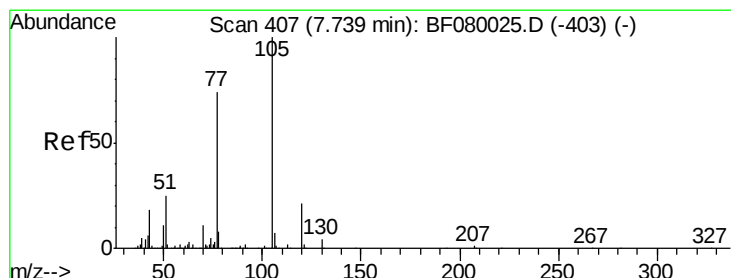
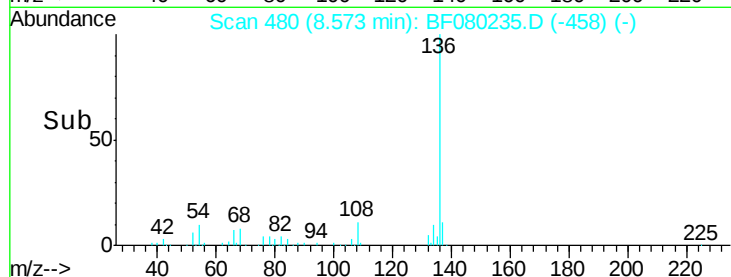
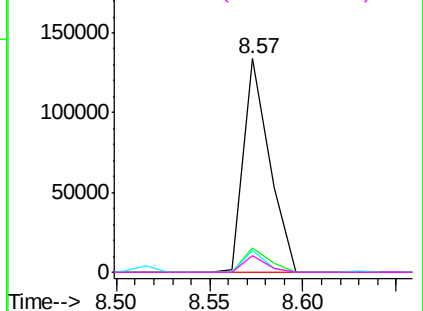
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.47 ng

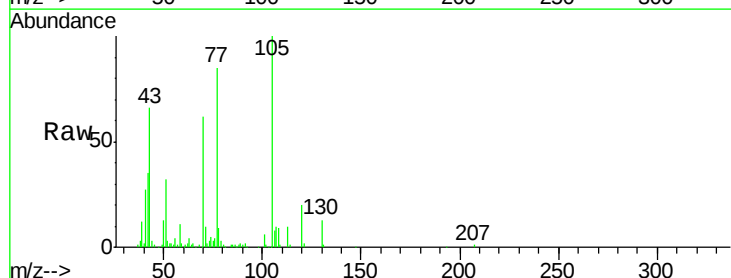
RT: 7.68 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127756		
71	9.7	4.7	7.1#	
51	32.2	22.0	33.0	
120	20.0	30.1	45.1#	



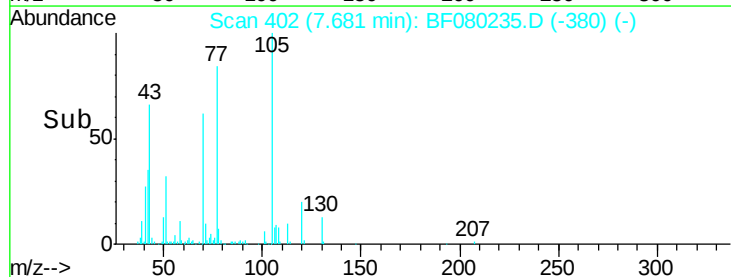
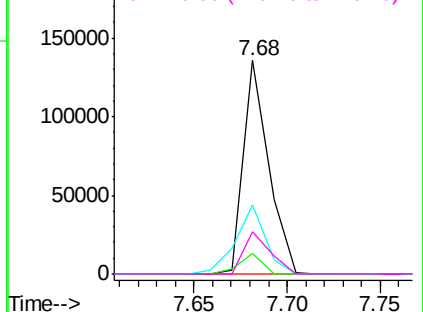
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.66 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion: 82 Resp: 207666
Ion Ratio Lower Upper

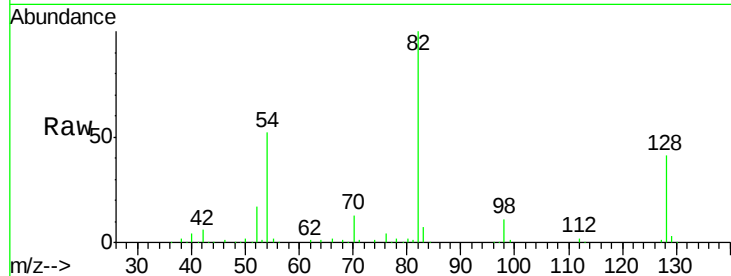
82 100

128 41.4 51.0 76.6#

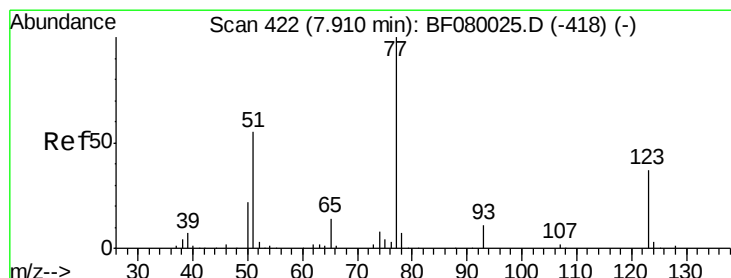
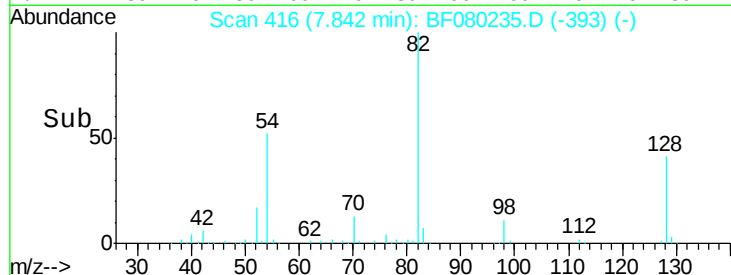
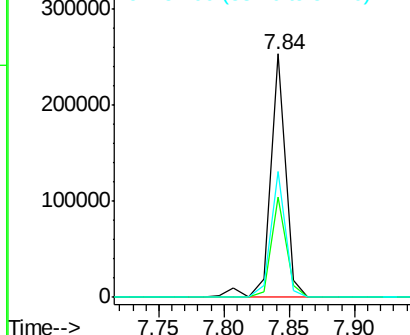
54 51.7 47.5 71.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.60 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF080235.D

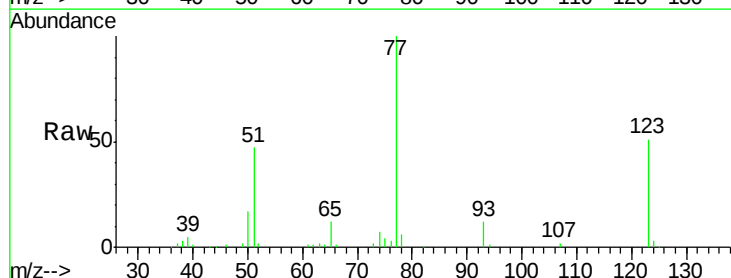
Acq: 30 Jun 2015 14:41

Tgt Ion: 77 Resp: 99773
Ion Ratio Lower Upper

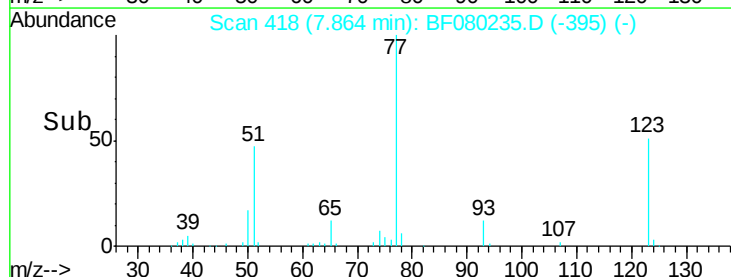
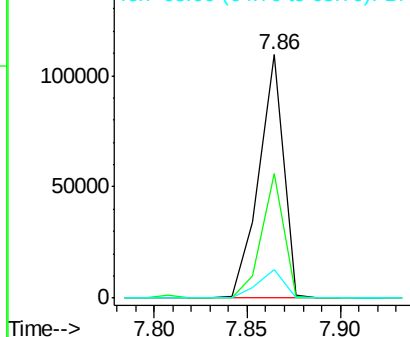
77 100

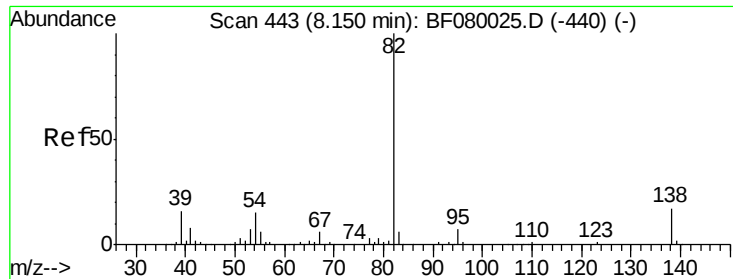
123 51.0 59.8 89.8#

65 11.9 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.87 ng

RT: 8.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion: 82 Resp: 173447
Ion Ratio Lower Upper

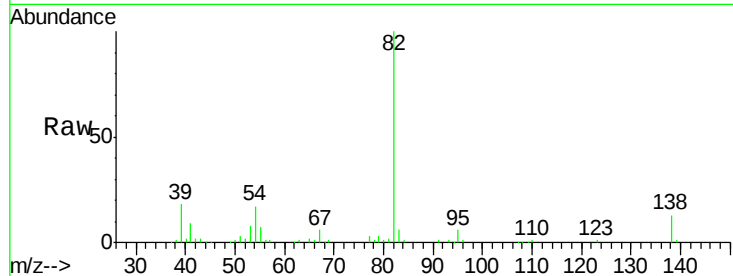
82 100

95 6.3 4.0 6.0#

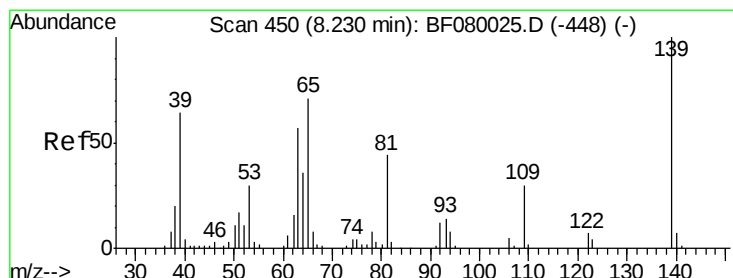
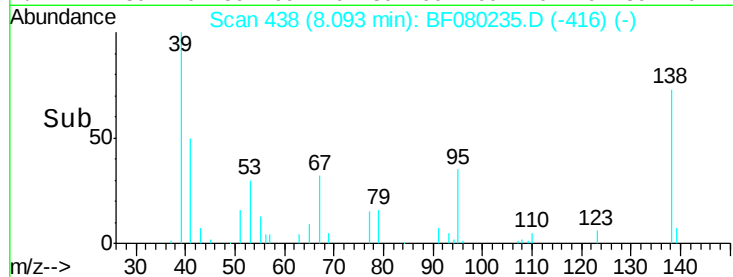
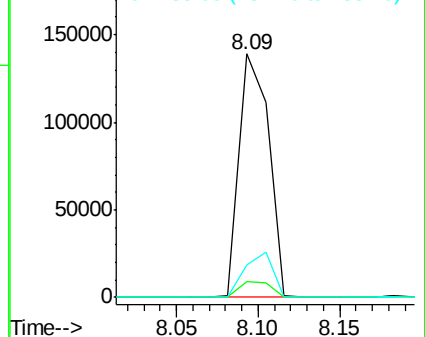
138 13.1 18.3 27.5#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.18 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080235.D

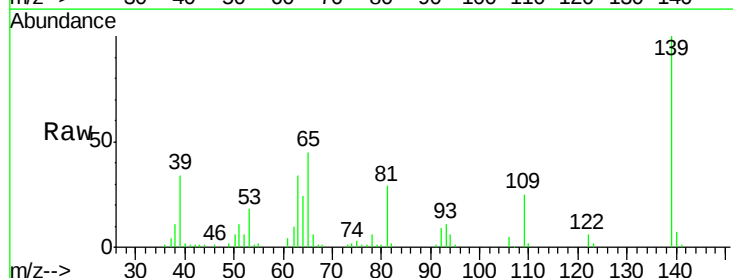
Acq: 30 Jun 2015 14:41

Tgt Ion: 139 Resp: 49029
Ion Ratio Lower Upper

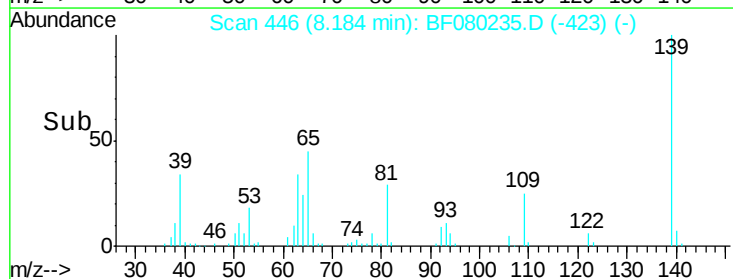
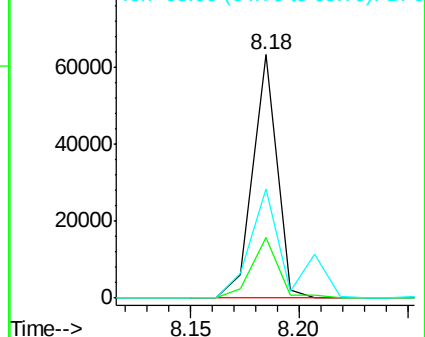
139 100

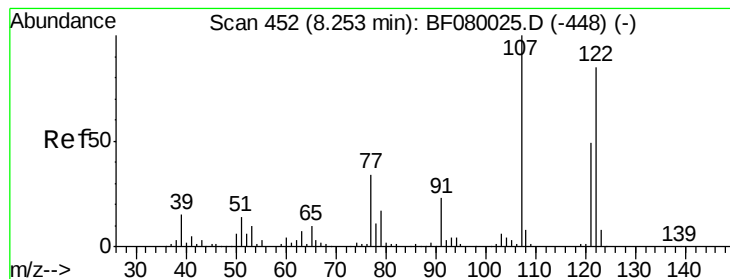
109 25.0 11.0 16.4#

65 45.1 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





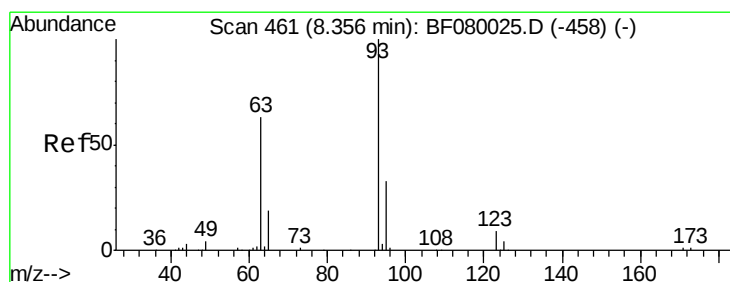
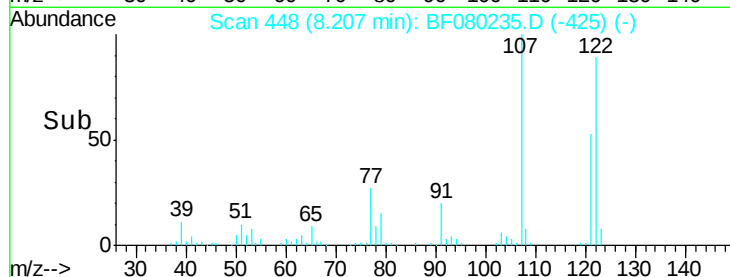
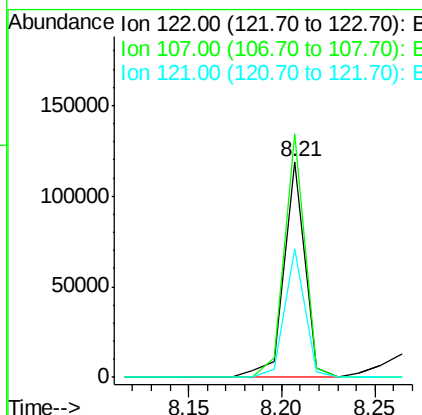
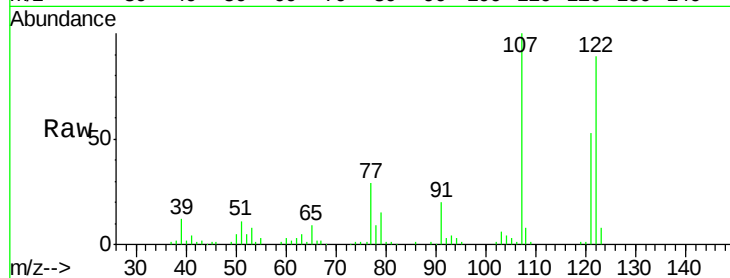
#27
 2,4-Dimethylphenol
 Concen: 47.33 ng
 RT: 8.21 min Scan# 448
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	71.8	107.6#
121	59.3	42.3	63.5

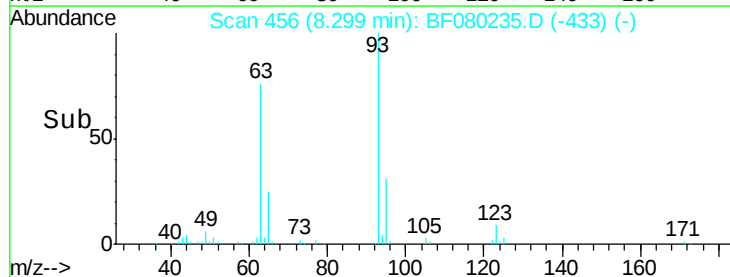
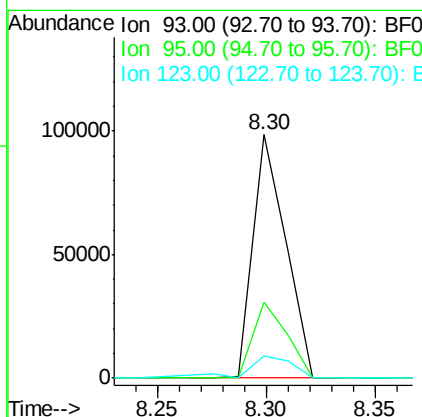
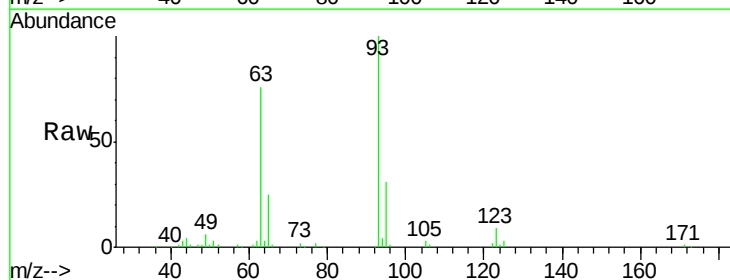
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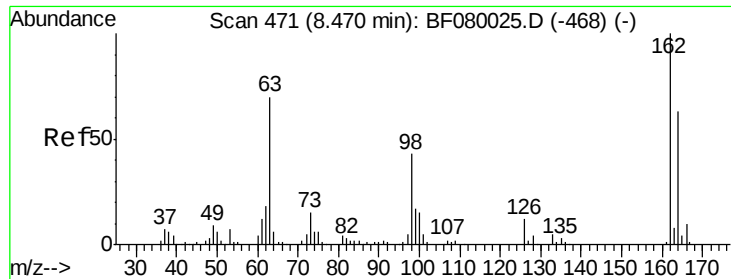
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.17 ng
 RT: 8.30 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	27.5	41.3
123	9.2	13.7	20.5#





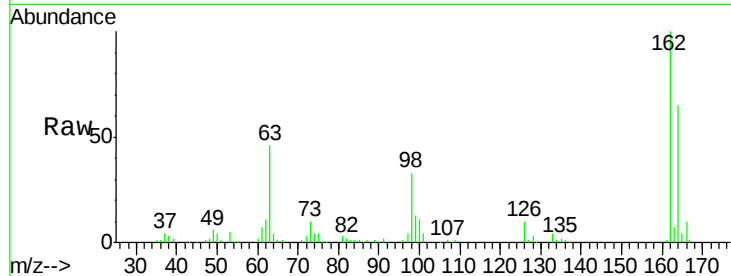
#29
2,4-Dichlorophenol
Concen: 50.77 ng
RT: 8.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

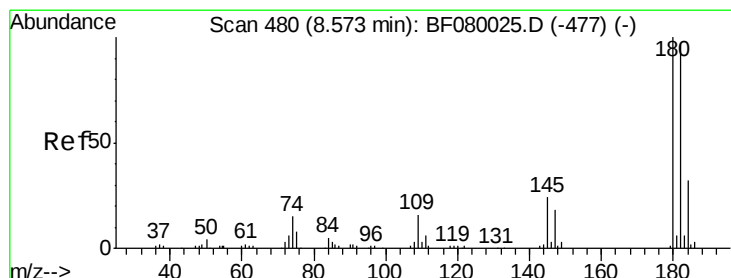
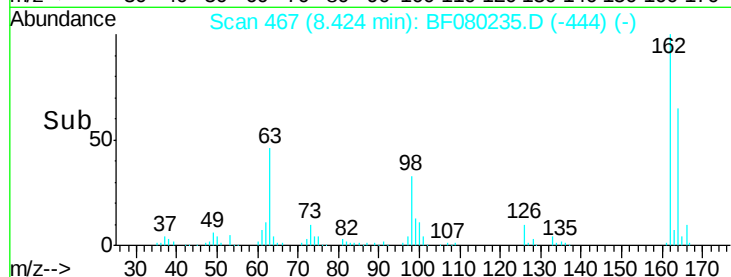
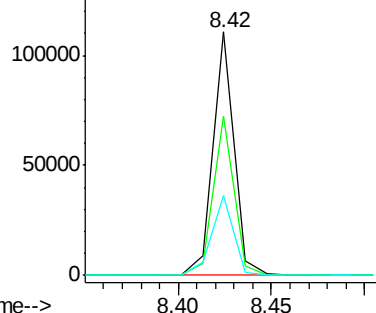
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	86843		
164	65.2	44.9	84.9	
98	32.8	13.0	53.0	

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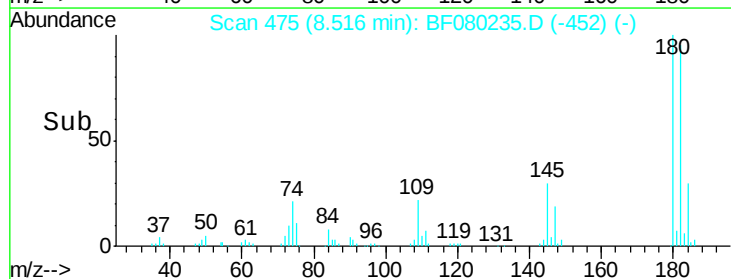
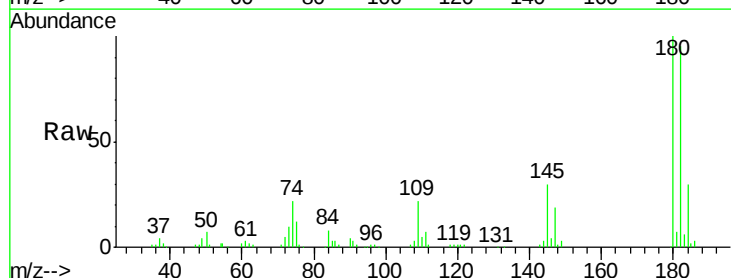
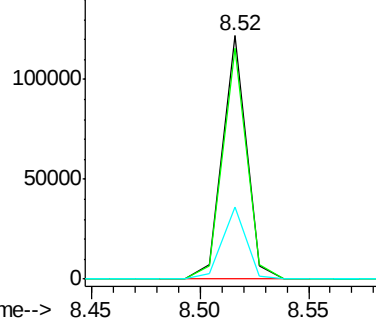
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

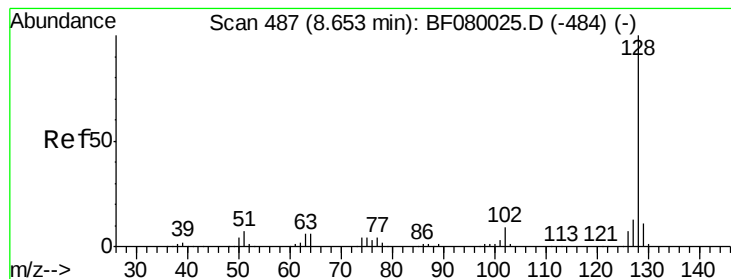


#30
1,2,4-Trichlorobenzene
Concen: 48.18 ng
RT: 8.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93603		
182	95.0	77.1	115.7	
145	29.9	23.3	34.9	

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

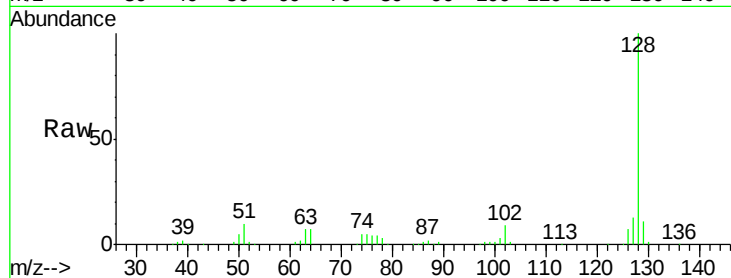
Concen: 39.55 ng m
RT: 8.60 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

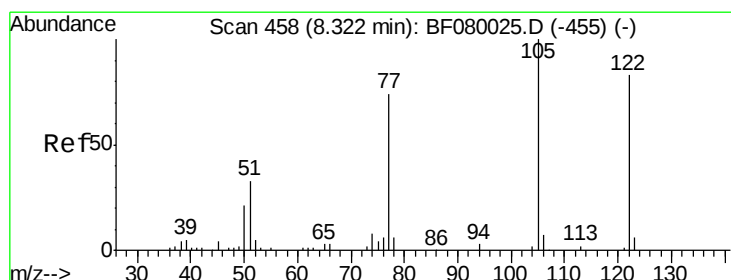
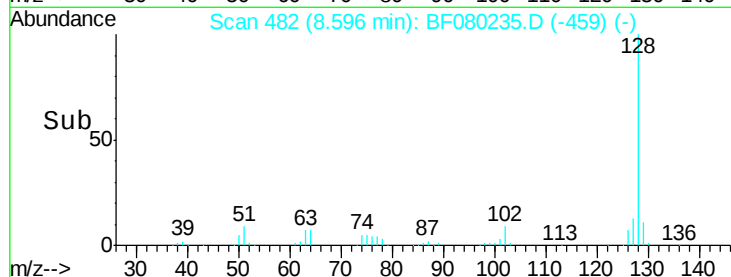
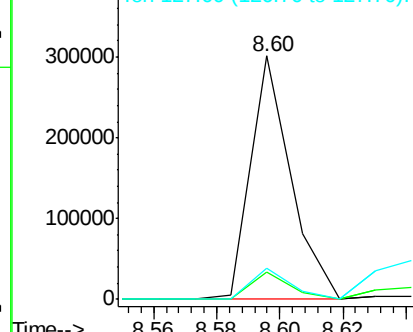
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	266936		
129	11.4	8.4	12.6	
127	13.0	9.9	14.9	

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

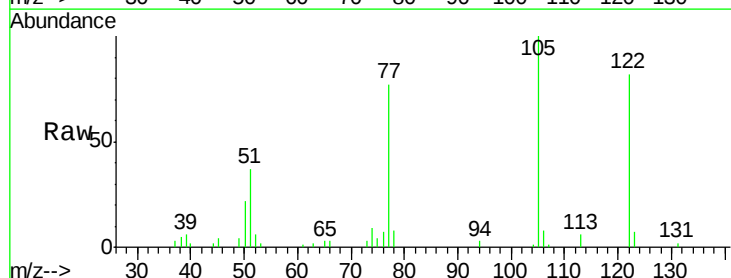


#32

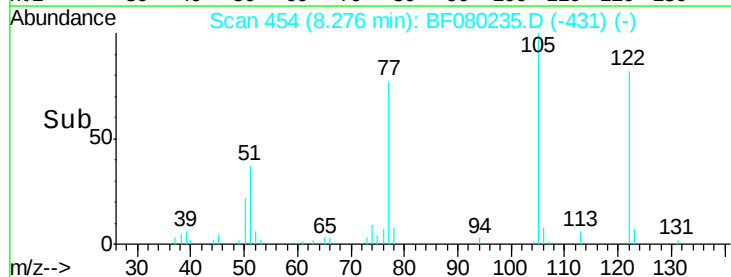
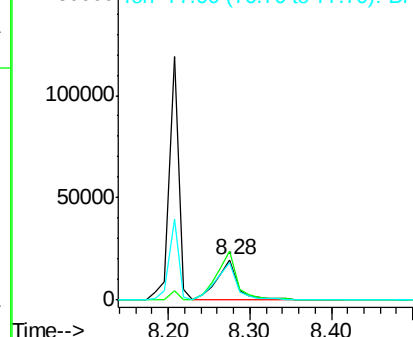
Benzoic acid

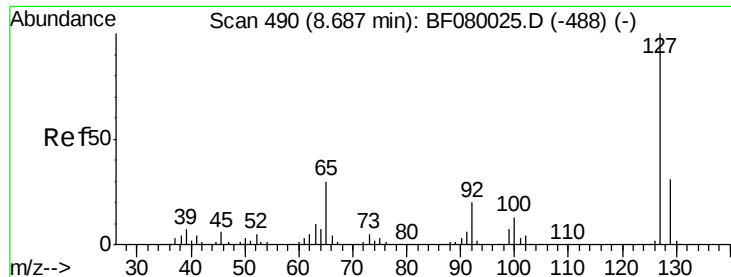
Concen: 30.15 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36411		
105	121.4	76.1	116.1#	
77	93.6	40.5	80.5#	



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





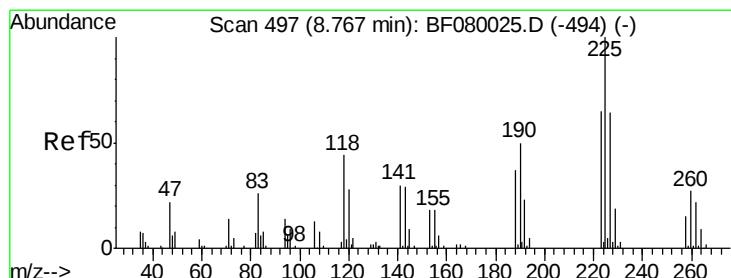
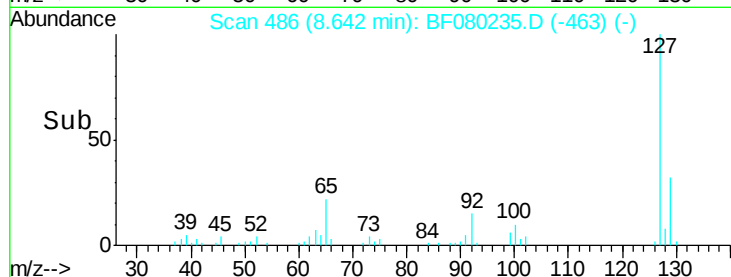
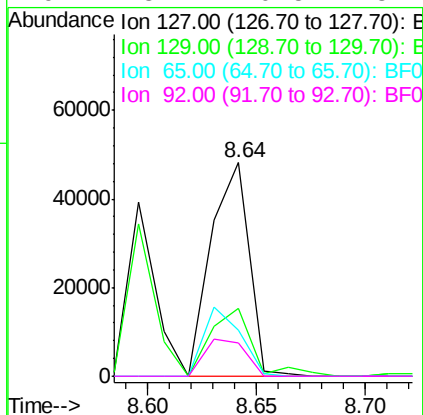
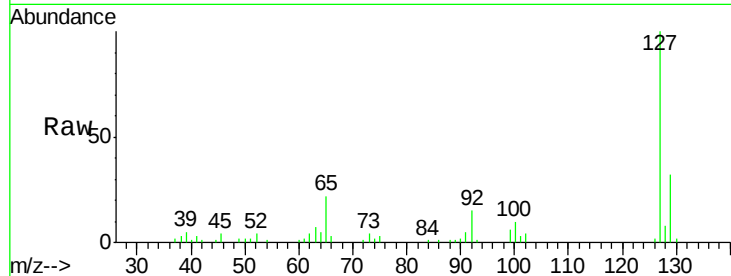
#33
4-Chloroaniline
Concen: 20.24 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	58461		
129	32.0	25.8	38.6	
65	21.8	17.9	26.9	
92	15.4	10.5	15.7	

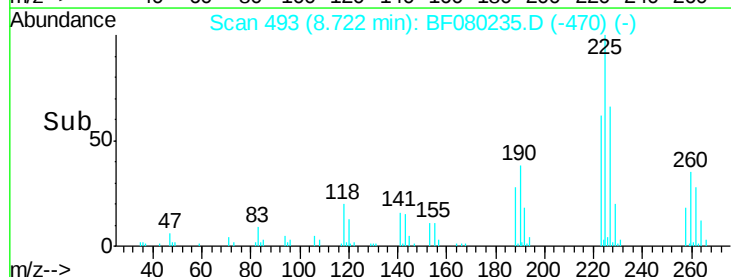
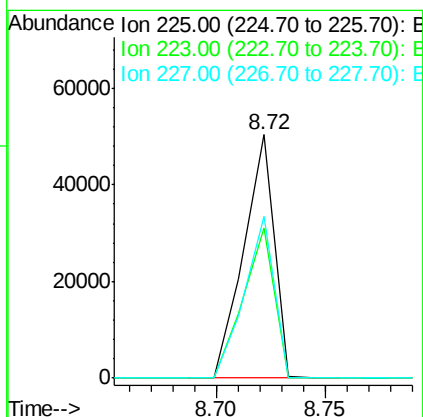
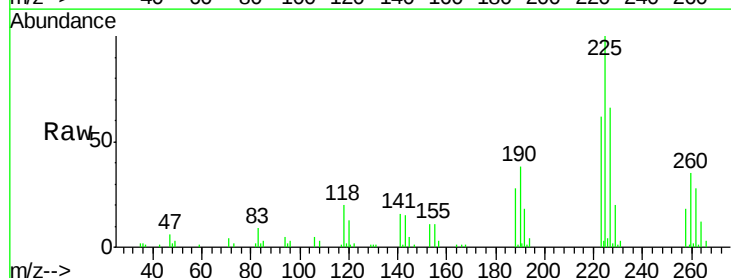
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#34
Hexachlorobutadiene
Concen: 40.83 ng
RT: 8.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48842		
223	61.7	50.2	75.2	
227	66.4	52.2	78.2	





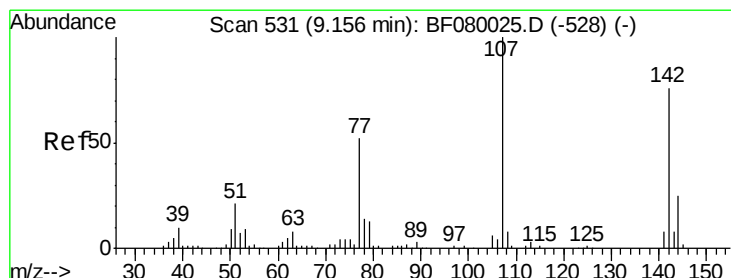
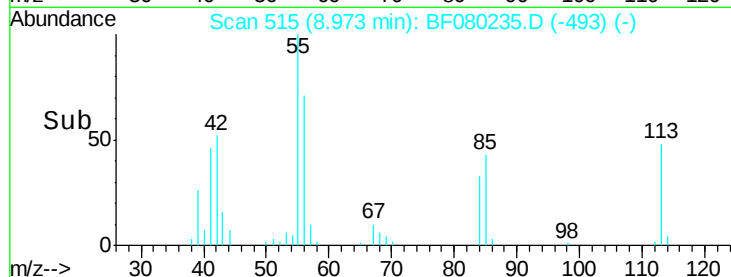
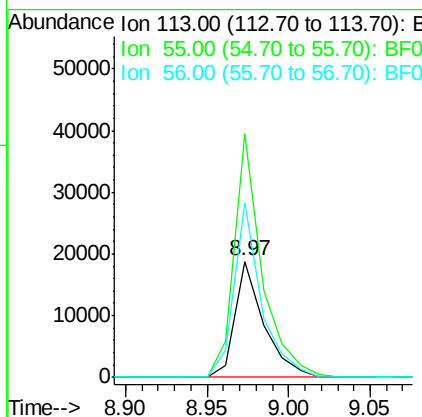
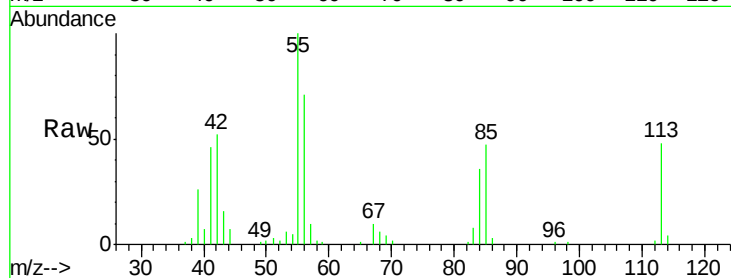
#35
 Caprolactam
 Concen: 40.89 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:113 Resp: 22705
 Ion Ratio Lower Upper
 113 100
 55 210.0 152.4 192.4#
 56 150.1 104.6 144.6#

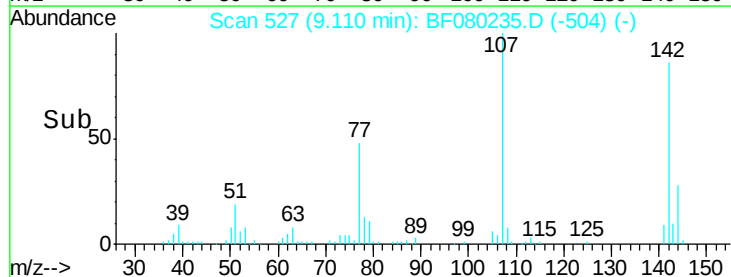
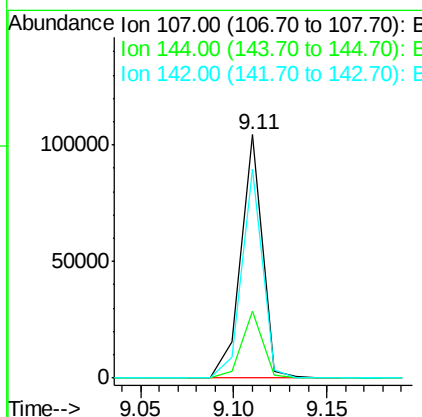
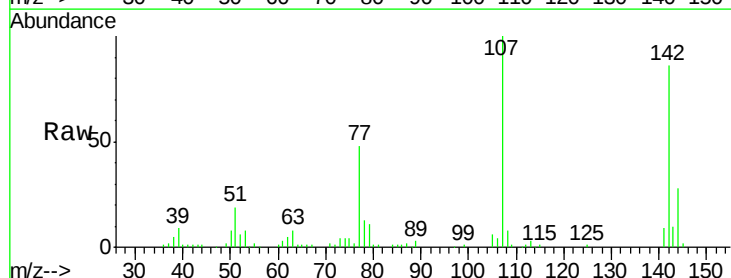
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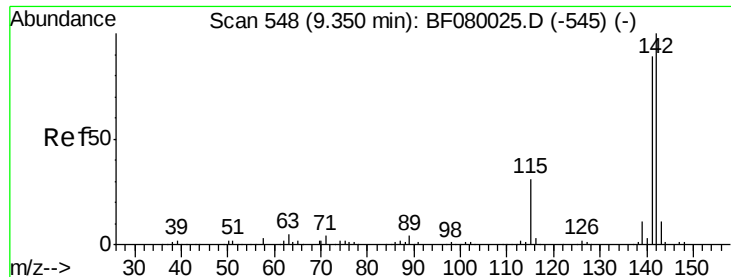
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#36
 4-Chloro-3-methylphenol
 Concen: 44.02 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:107 Resp: 84938
 Ion Ratio Lower Upper
 107 100
 144 27.7 25.4 38.0
 142 85.8 77.3 115.9





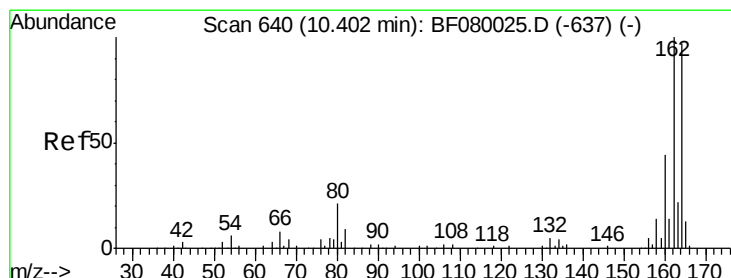
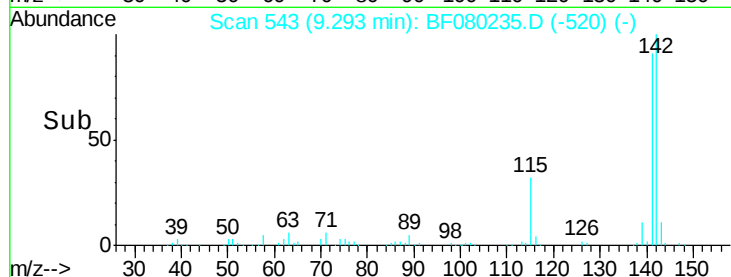
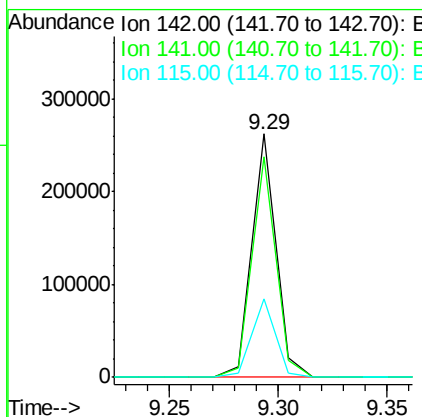
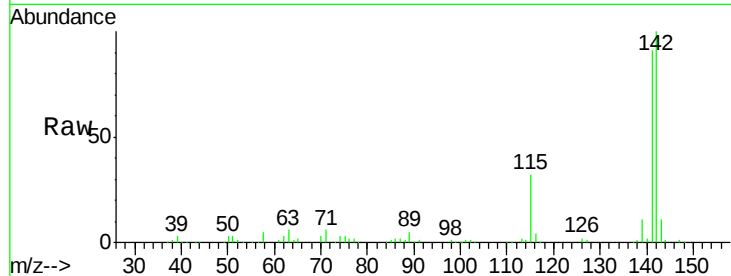
#37
 2-Methylnaphthalene
 Concen: 46.32 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.5	101.3
115	32.4	18.2	27.2

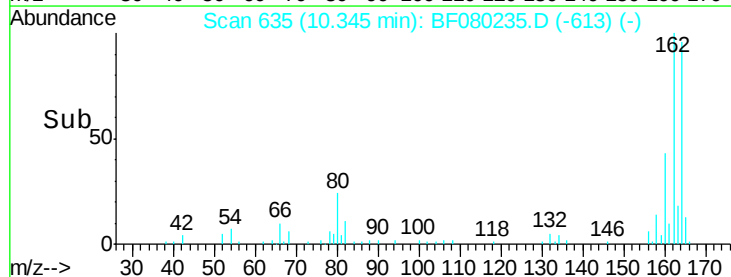
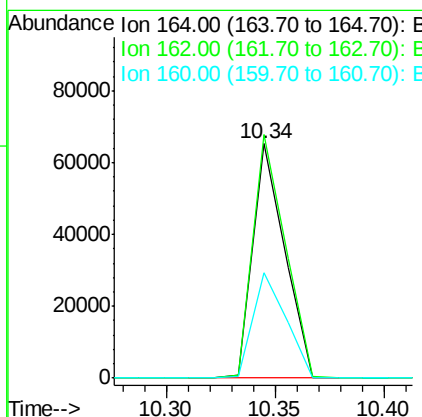
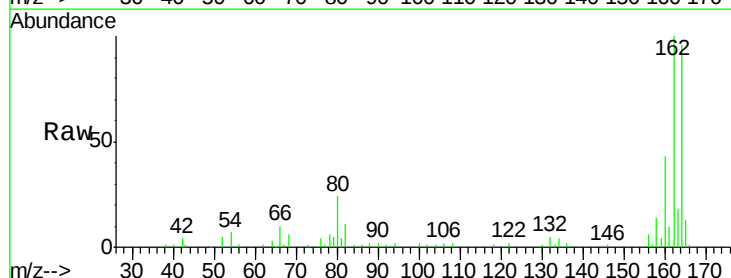
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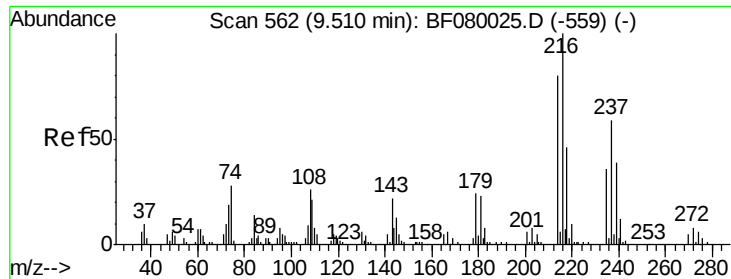
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	75.2	112.8
160	44.9	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.28 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF080235.D

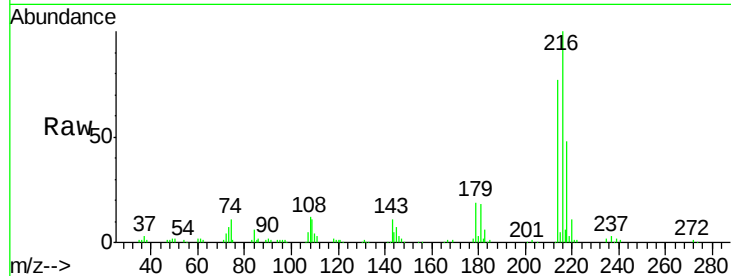
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS



Tgt Ion:216 Resp: 93256

Ion Ratio Lower Upper

216 100

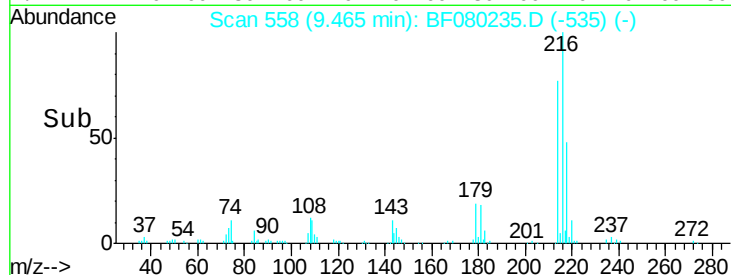
214 77.1 63.5 95.3

179 19.9 16.6 24.8

108 18.3 16.3 24.5

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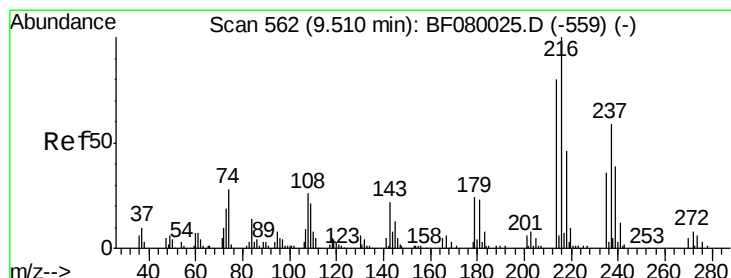
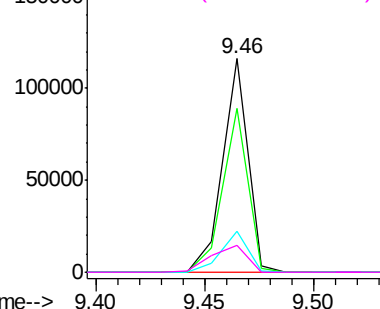


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.03 ng

RT: 9.45 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

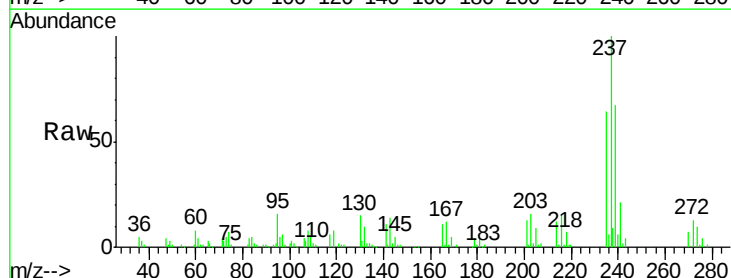
Tgt Ion:237 Resp: 84949

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

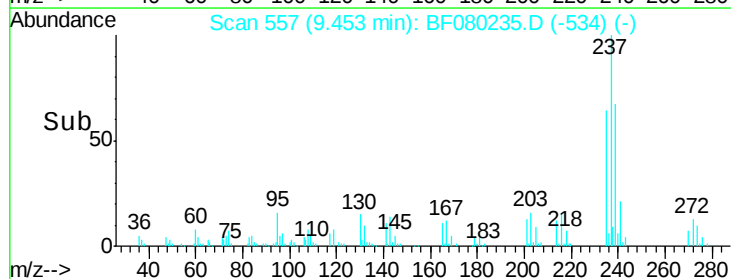
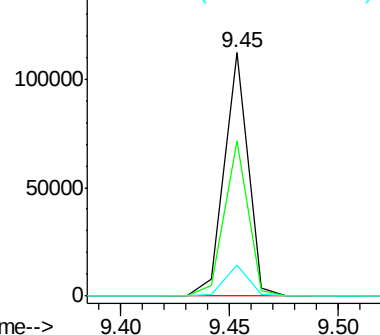
272 12.5 0.0 36.1



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





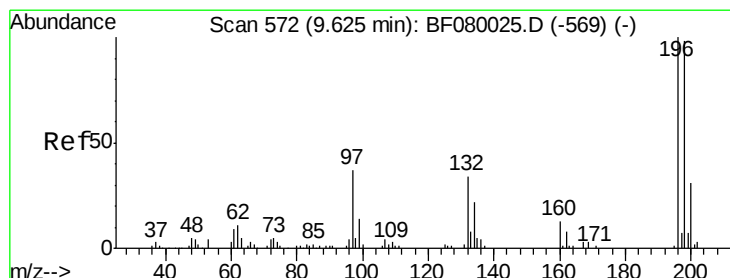
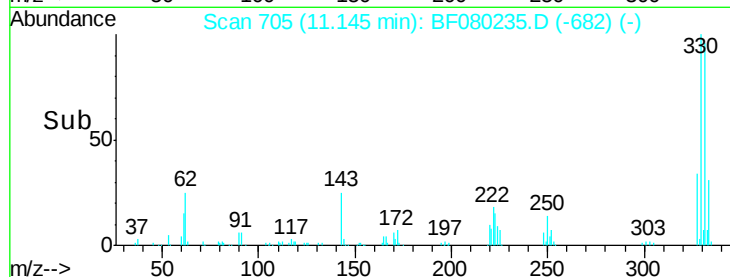
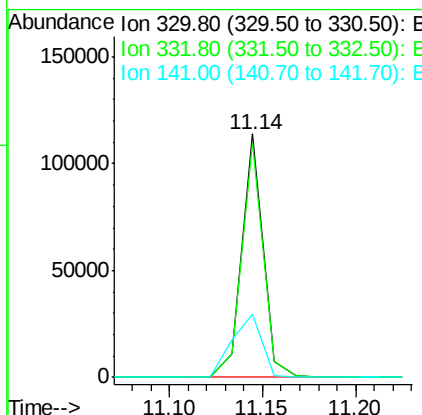
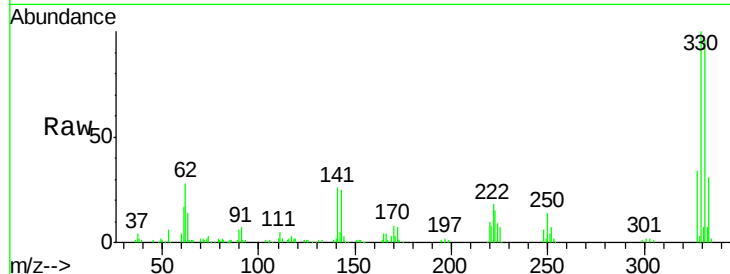
#41
 2,4,6-Tribromophenol
 Concen: 140.54 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91222		
332	96.7	76.6	114.8	
141	35.8	29.7	44.5	

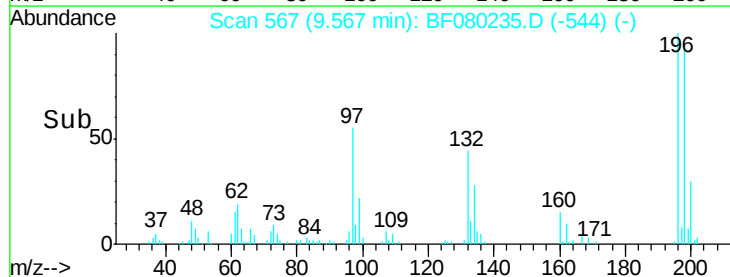
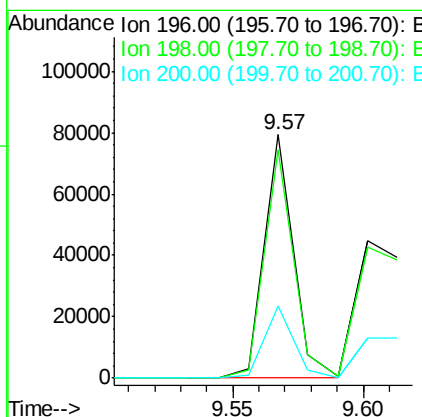
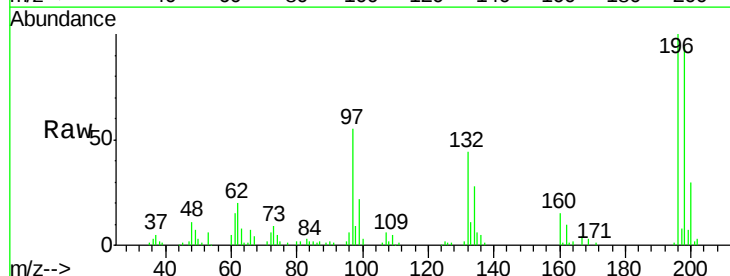
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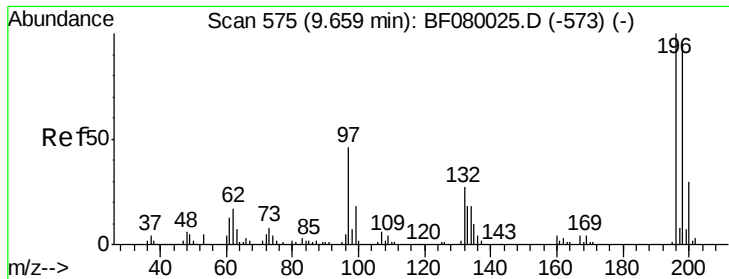
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#42
 2,4,6-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

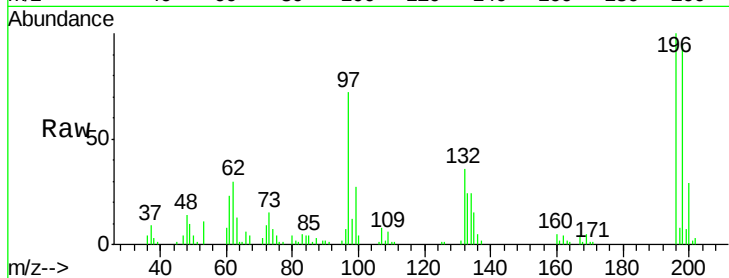
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62303		
198	93.7	75.7	113.5	
200	29.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 38.99 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

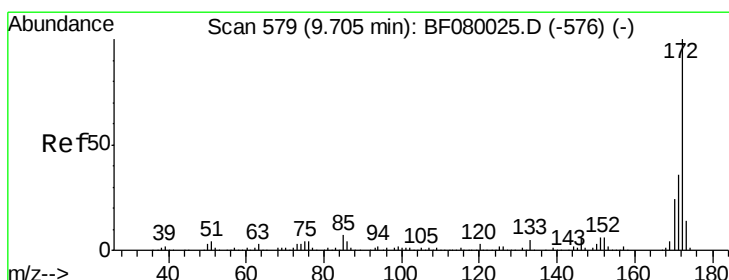
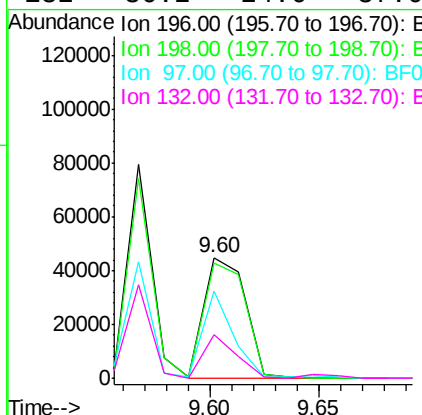
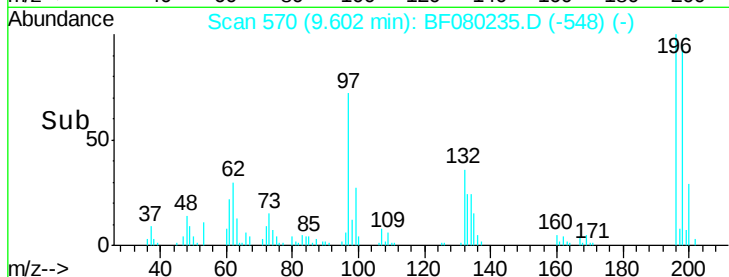
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59040		
198	95.5	75.4	113.0	
97	71.9	33.3	49.9	
132	36.2	24.6	37.0	

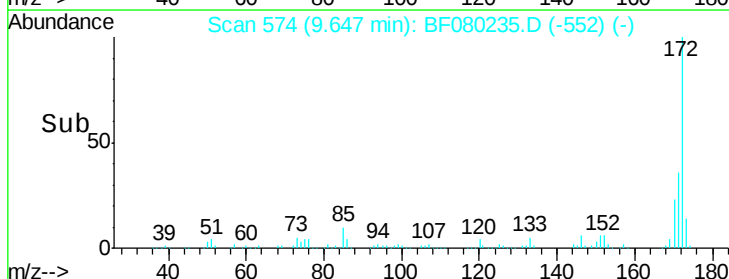
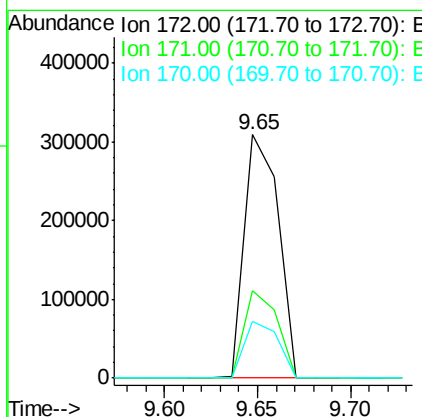
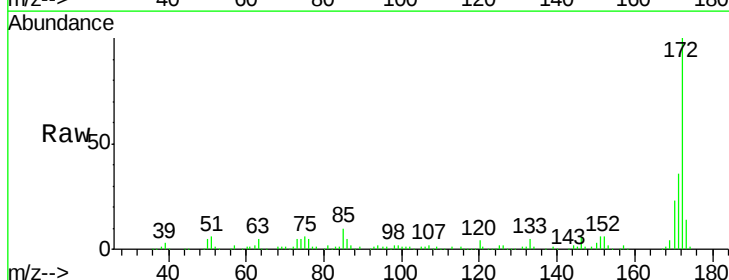
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#44
 2-Fluorobiphenyl
 Concen: 83.65 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	389390		
171	36.0	26.1	39.1	
170	23.5	17.4	26.2	





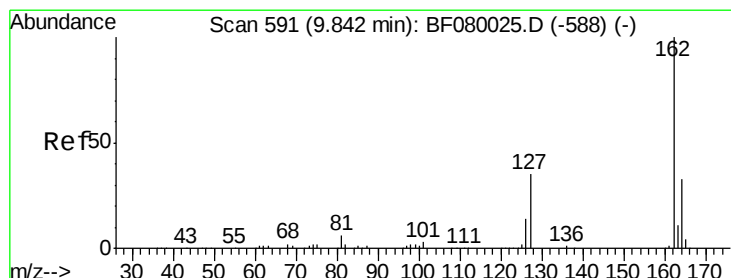
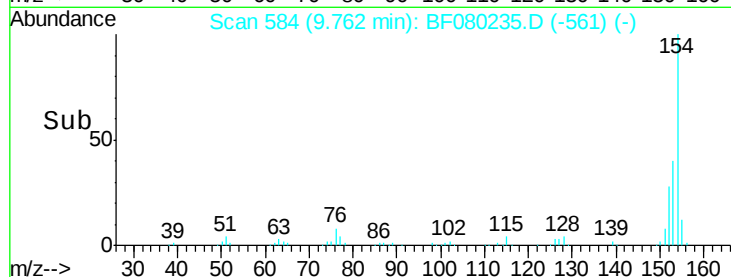
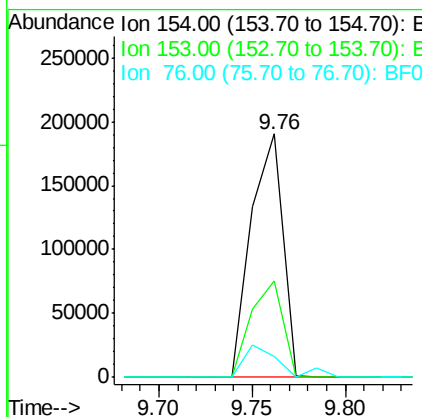
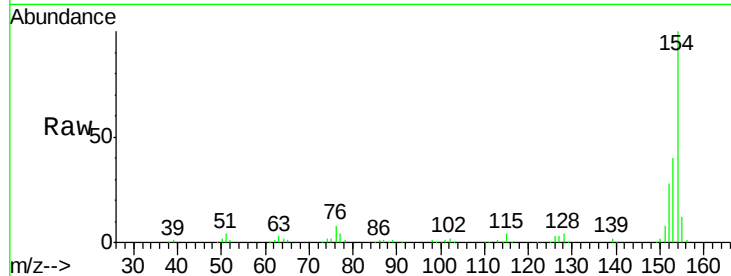
#45
 1,1'-Biphenyl
 Concen: 41.27 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	222891		
153	39.8	17.1	57.1	
76	8.3	0.0	31.6	

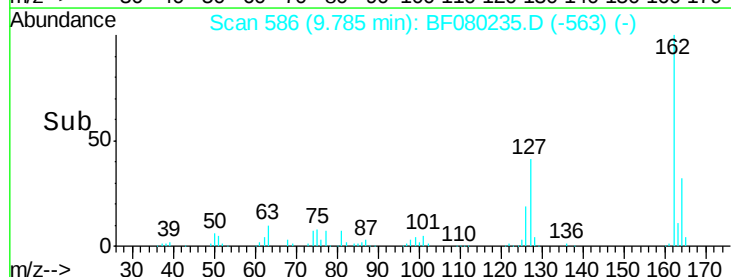
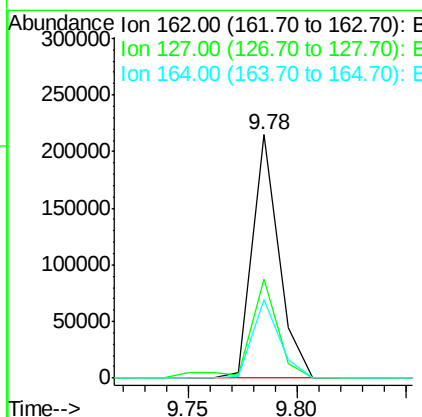
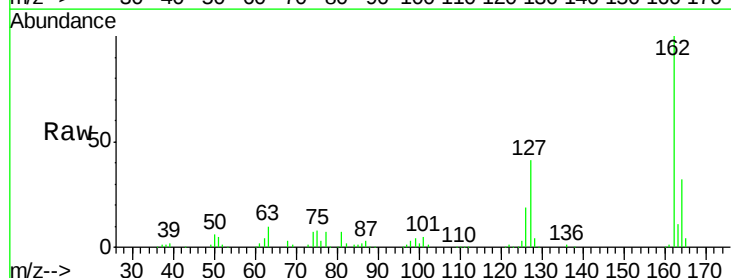
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#46
 2-Chloronaphthalene
 Concen: 41.40 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	181410		
127	40.8	27.6	41.4	
164	32.2	25.4	38.2	





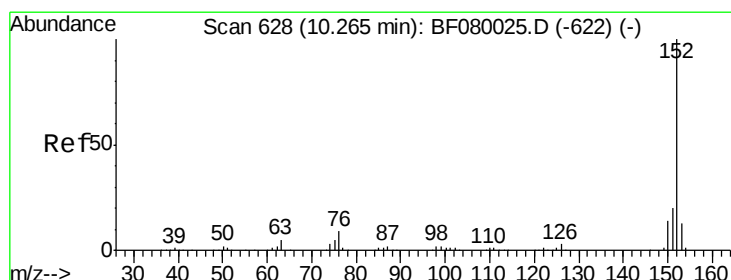
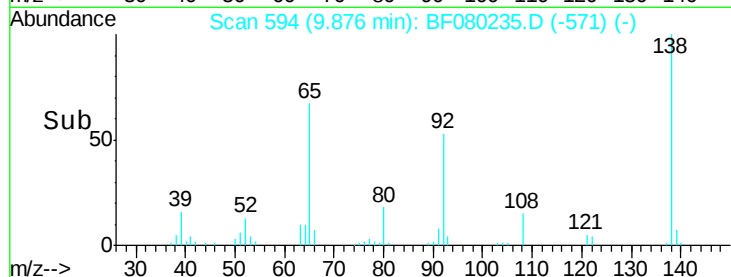
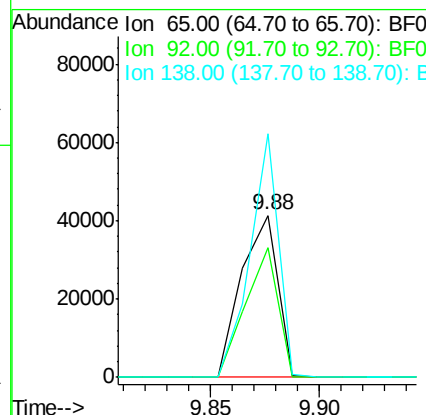
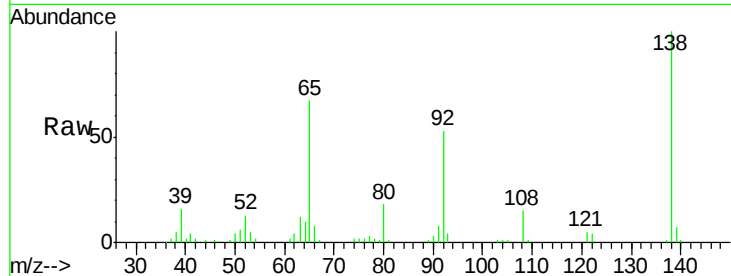
#47
2-Nitroaniline
Concen: 39.78 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.6	55.4	83.0
138	150.0	115.5	173.3

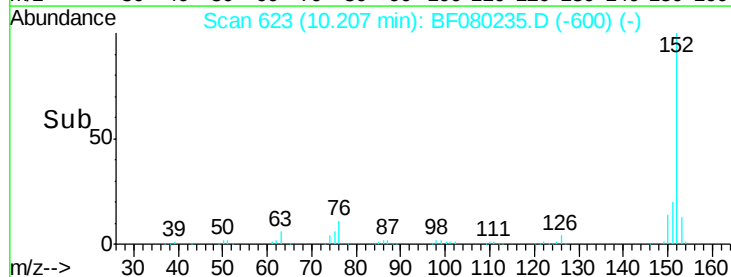
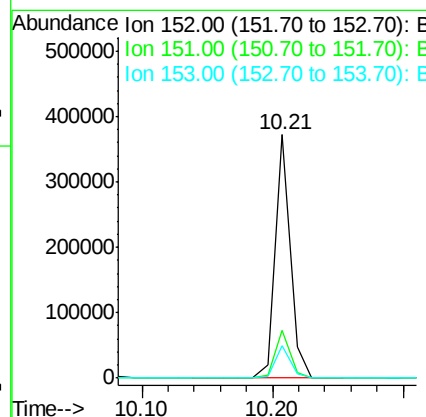
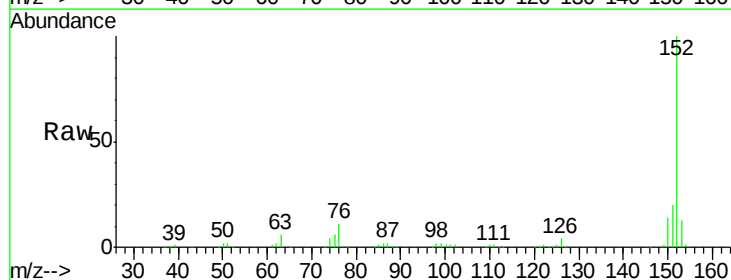
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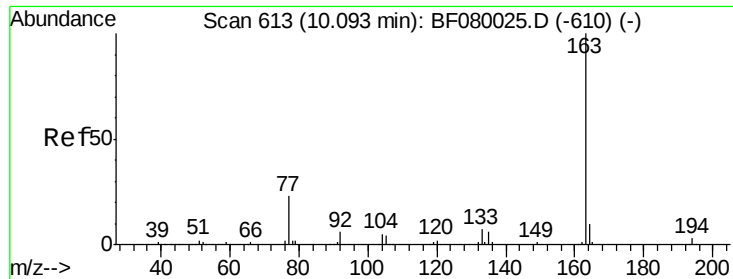
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#48
Acenaphthylene
Concen: 41.48 ng
RT: 10.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.6	22.0
153	13.3	10.3	15.5





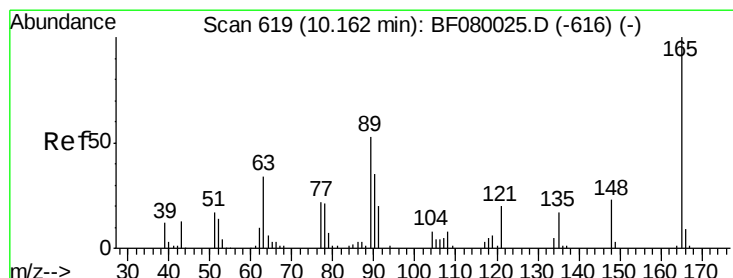
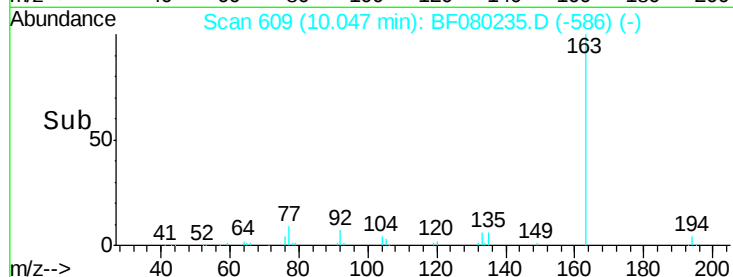
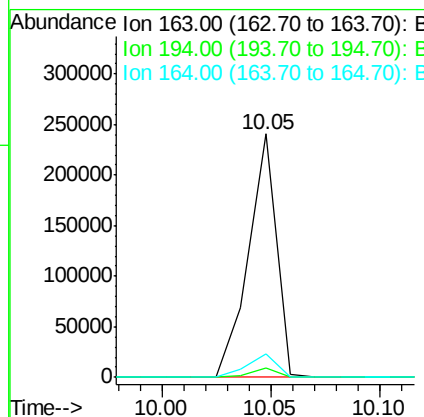
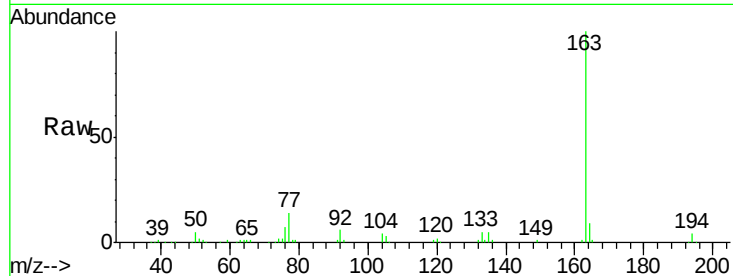
#49
Dimethylphthalate
Concen: 42.87 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	4.4	6.6#
164	9.5	8.3	12.5

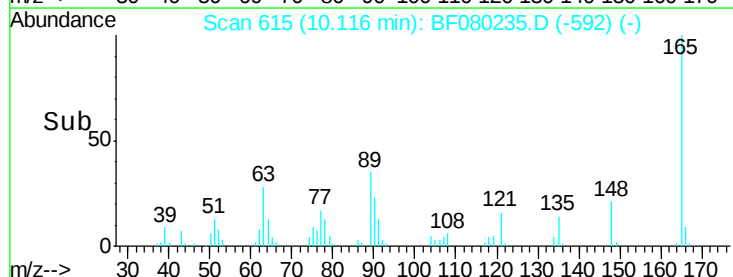
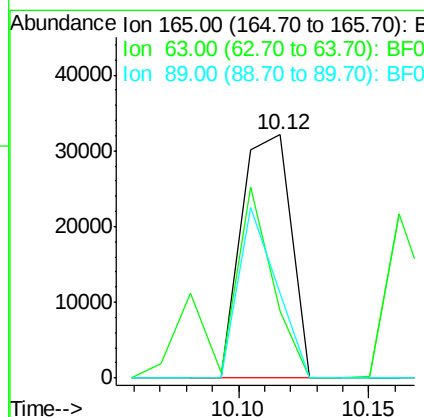
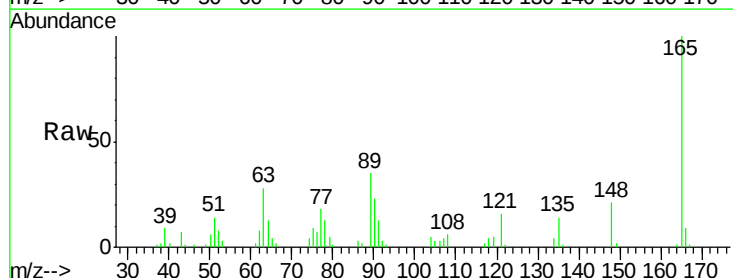
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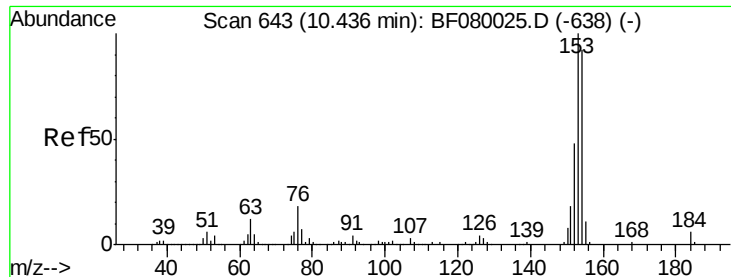
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#50
2,6-Dinitrotoluene
Concen: 42.61 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	27.6	32.3	48.5#
89	34.6	28.6	43.0





#51

Acenaphthene

Concen: 43.66 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080235.D

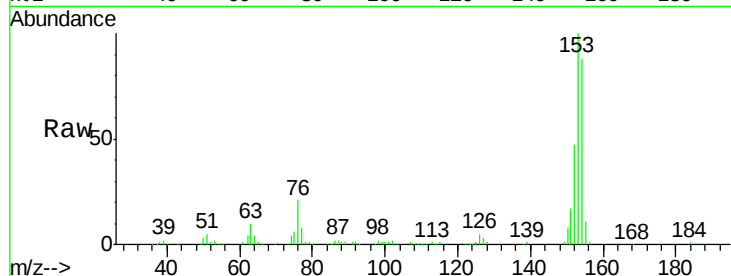
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

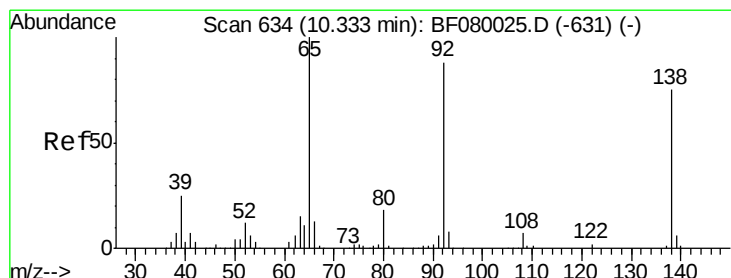
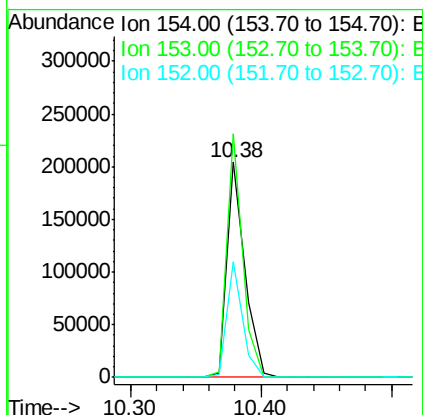
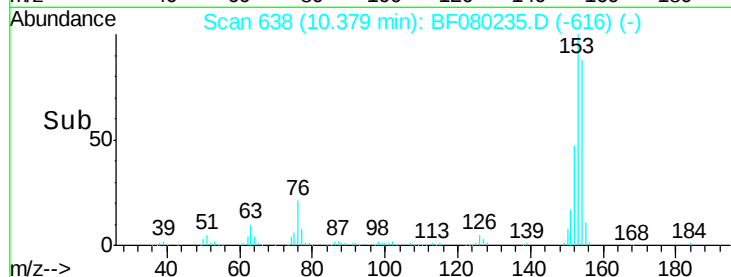
PB84280BS



Tgt Ion:	154	Resp:	195342
Ion Ratio	Lower	Upper	
154	100		
153	113.1	82.1	123.1
152	53.6	37.9	56.9

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#52

3-Nitroaniline

Concen: 29.56 ng

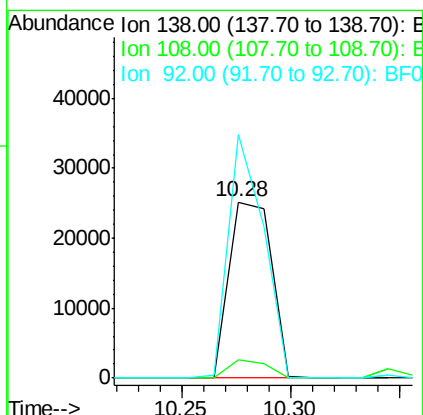
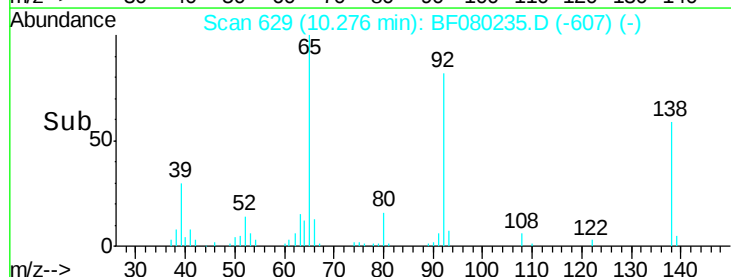
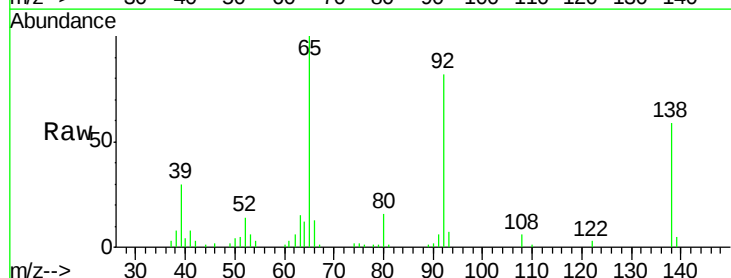
RT: 10.28 min Scan# 629

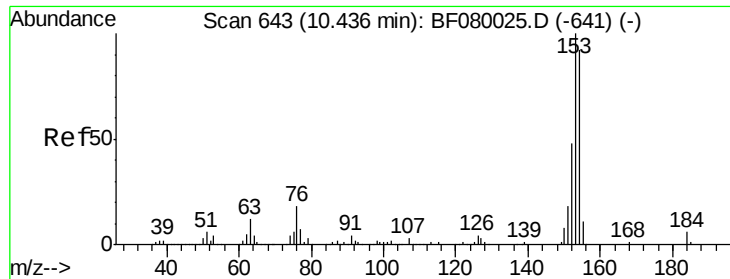
Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	138	Resp:	34128
Ion Ratio	Lower	Upper	
138	100		
108	10.4	5.7	8.5#
92	138.5	67.7	101.5#





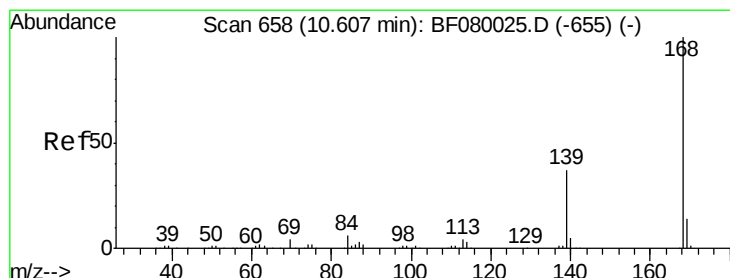
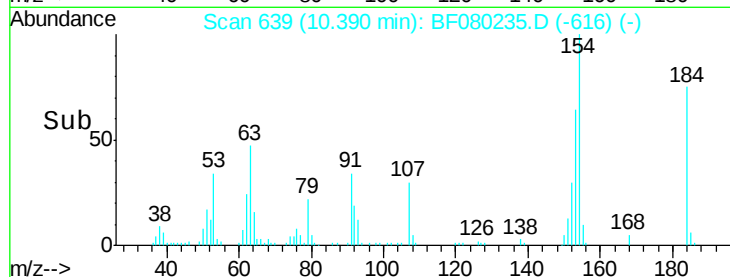
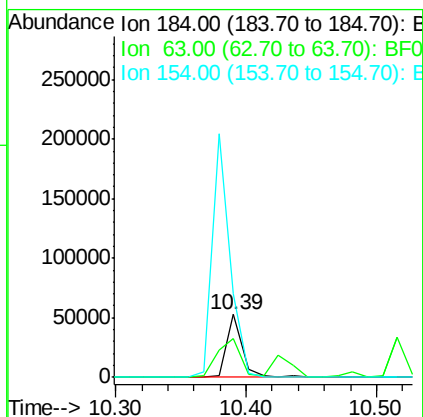
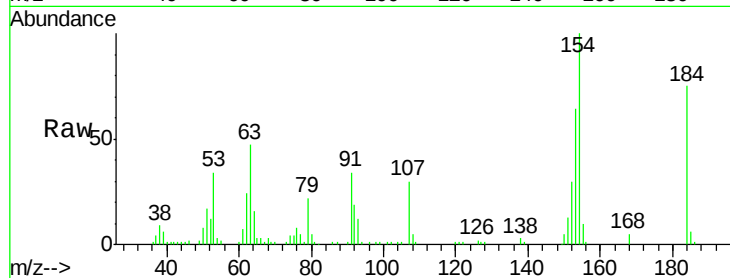
#53
2,4-Dinitrophenol
Concen: 106.54 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	44236		
63	62.0	35.4	53.2#	
154	133.2	32.2	48.4#	

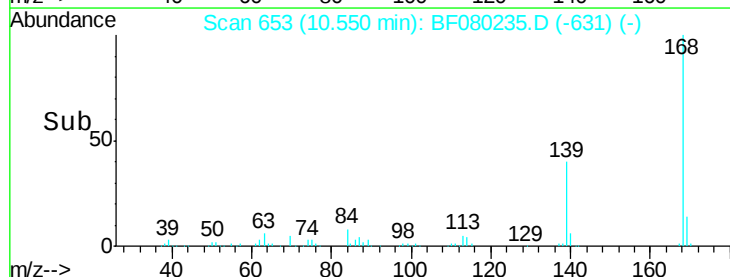
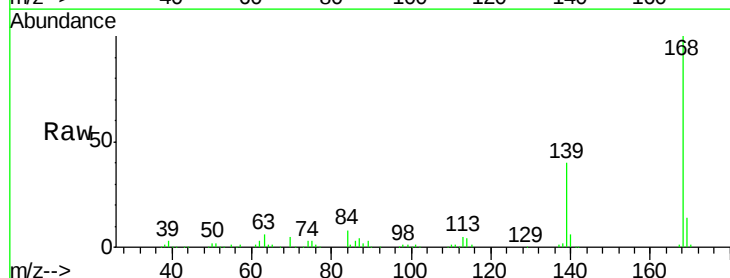
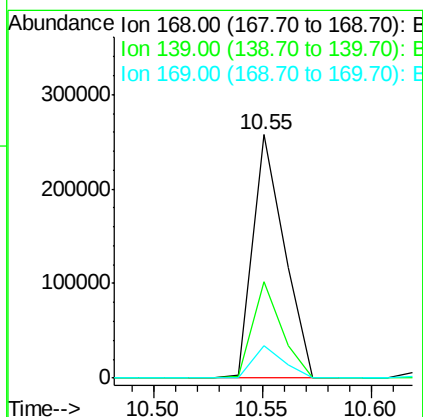
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#54
Dibenzofuran
Concen: 40.82 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	259159		
139	39.8	24.2	36.2#	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 79.33 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

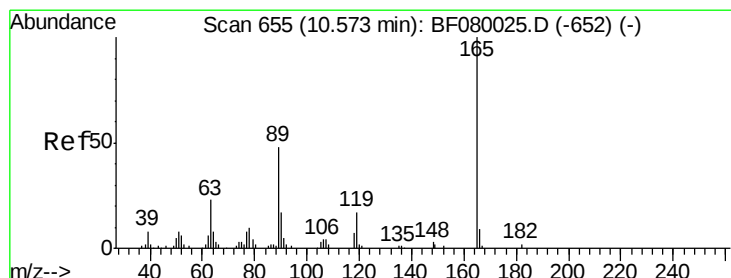
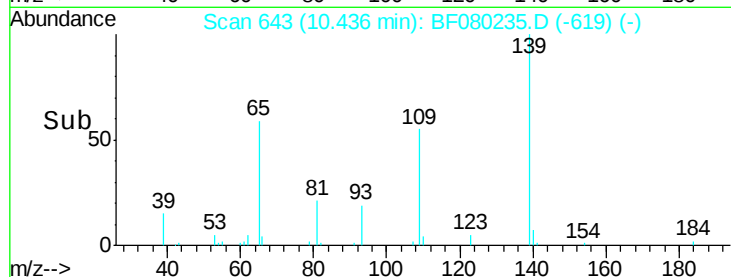
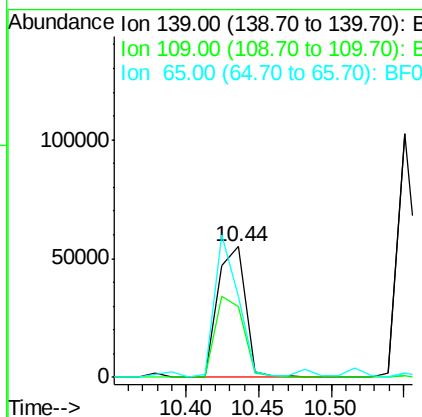
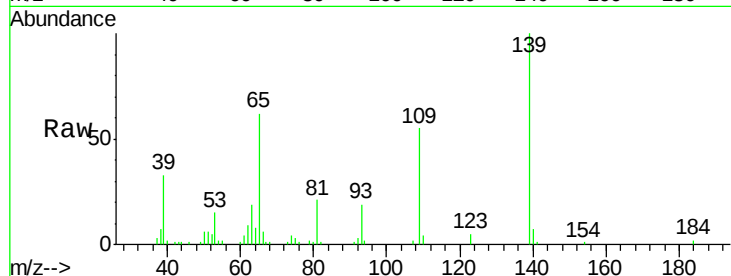
ClientSampleId :

PB84280BS

Tgt Ion:	139	Resp:	73199
Ion Ratio	Lower	Upper	
139	100		
109	54.6	12.7	52.7#
65	62.1	45.9	85.9

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#56

2,4-Dinitrotoluene

Concen: 48.09 ng

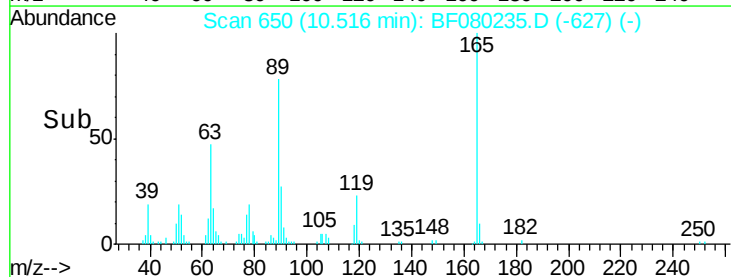
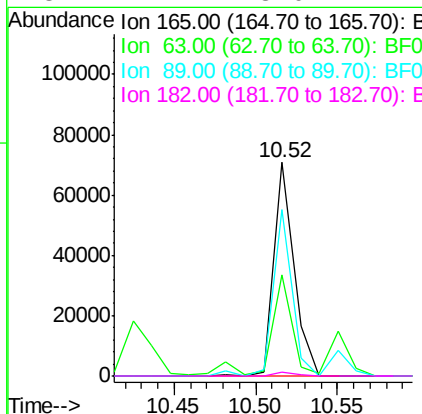
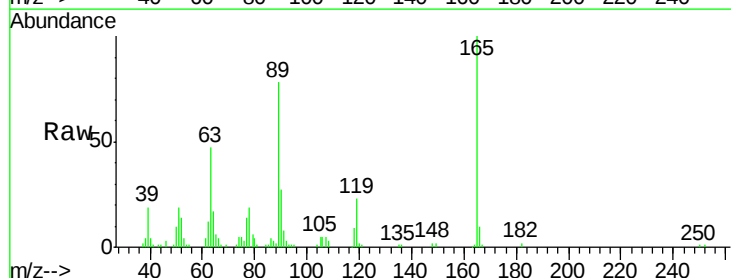
RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	165	Resp:	61049
Ion Ratio	Lower	Upper	
165	100		
63	47.4	29.8	44.6#
89	77.9	44.5	66.7#
182	2.1	3.0	4.4#





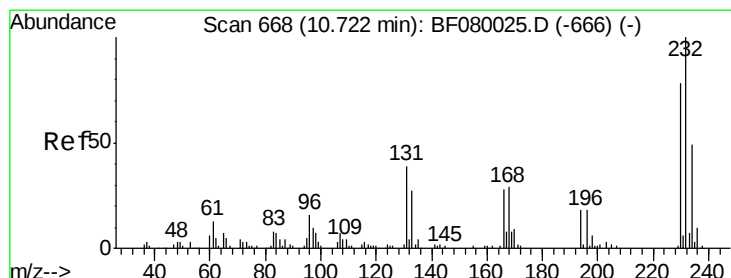
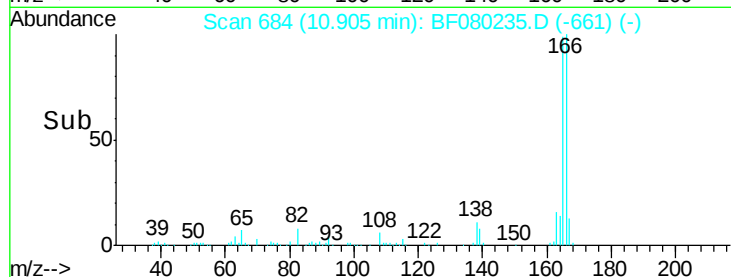
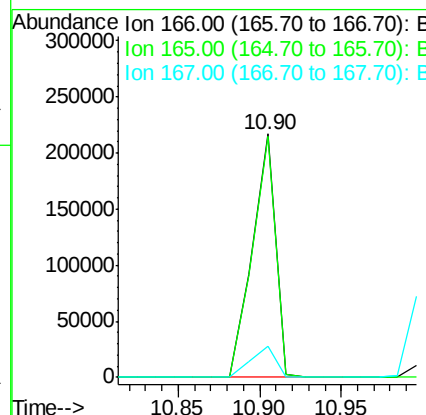
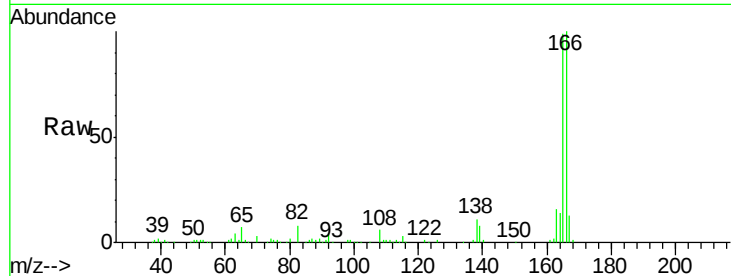
#57
 Fluorene
 Concen: 42.52 ng
 RT: 10.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	214238		
165	98.9	72.6	109.0	
167	12.8	10.6	16.0	

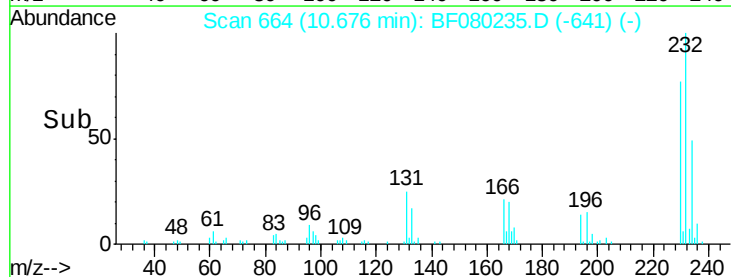
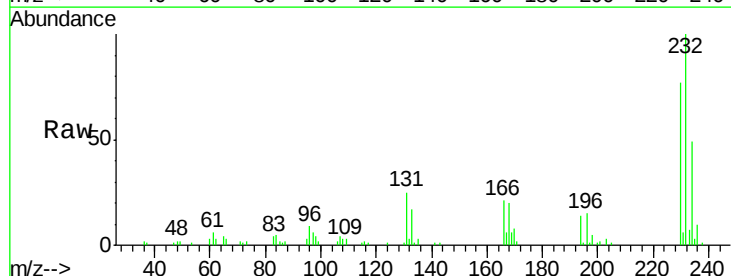
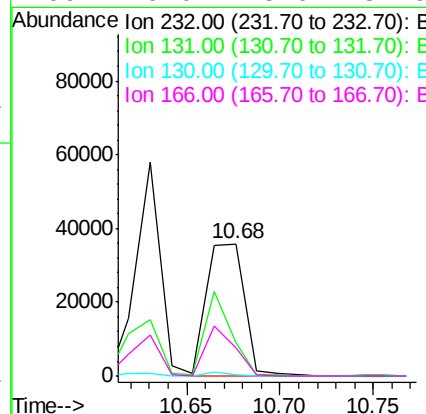
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.55 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	50563		
131	44.5	38.5	57.7	
130	2.1	1.8	2.6	
166	29.0	25.0	37.6	





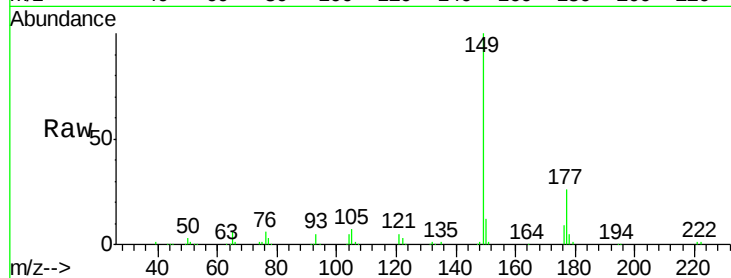
#59
Diethylphthalate
Concen: 40.94 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

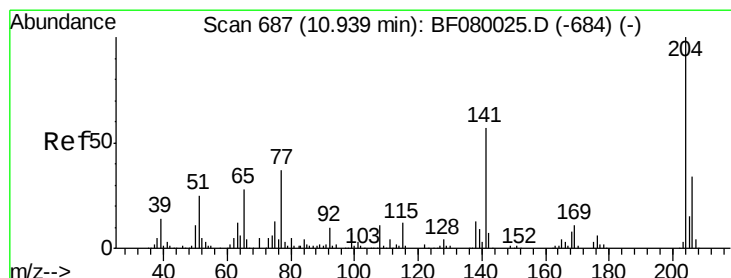
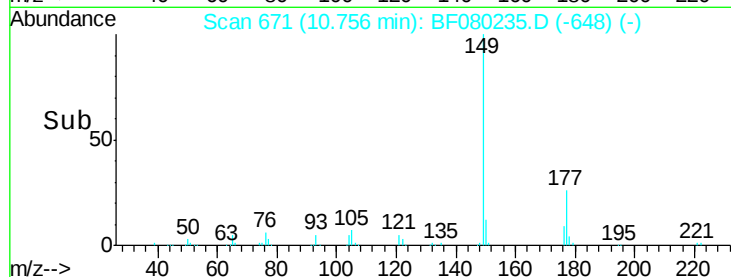
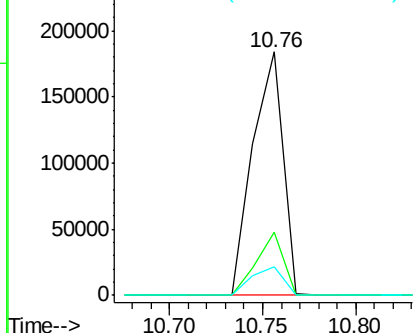
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	205734		
177	25.7	17.5	26.3	
150	12.0	9.4	14.2	

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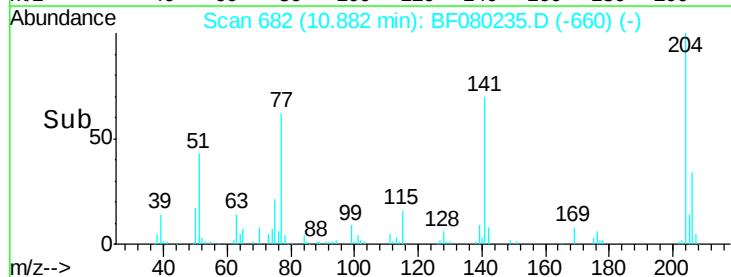
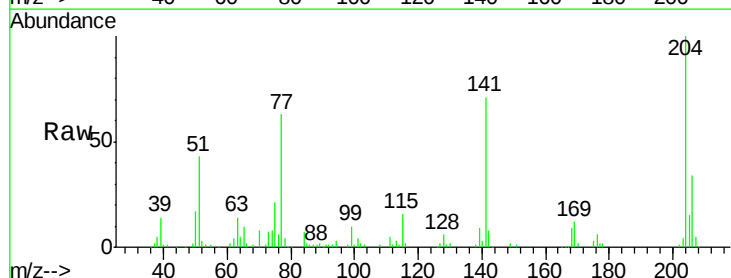
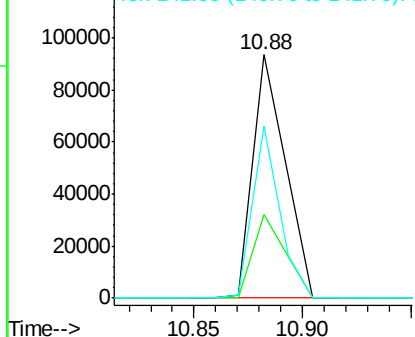
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 40.08 ng
RT: 10.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	97029		
206	34.3	24.8	37.2	
141	70.8	42.2	63.4	

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





#61

4-Nitroaniline

Concen: 37.98 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080235.D

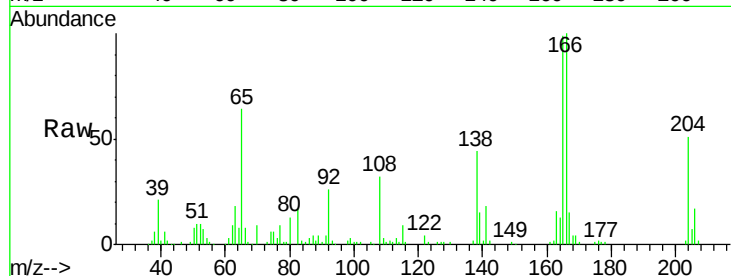
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampled :

PB84280BS



Tgt Ion: 138 Resp: 45278

Ion Ratio Lower Upper

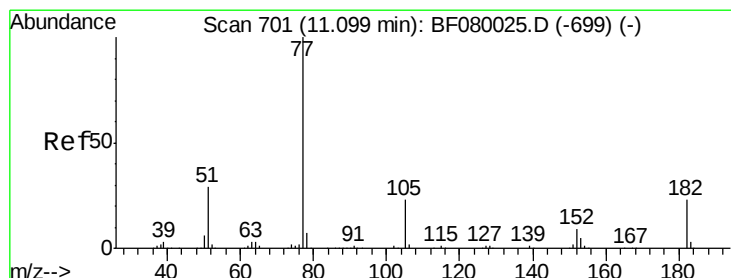
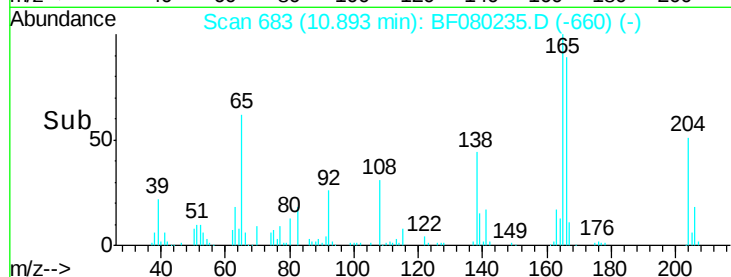
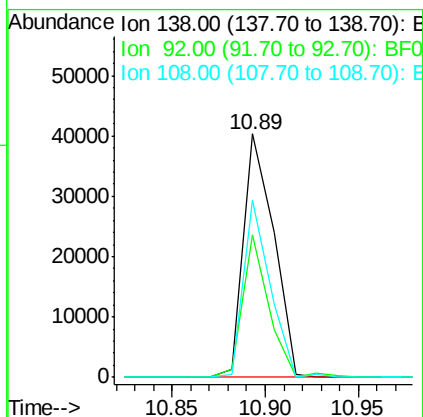
138 100

92 58.6 12.6 52.6#

108 72.8 12.4 52.4#

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#62

Azobenzene

Concen: 39.17 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion: 77 Resp: 200365

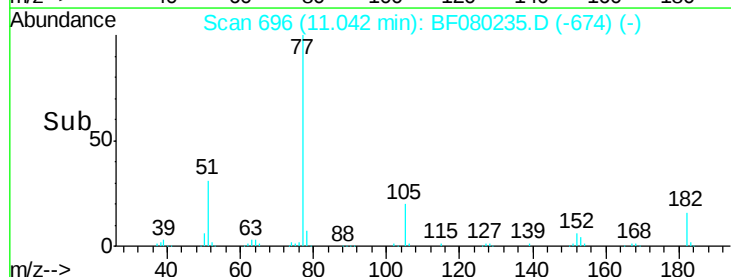
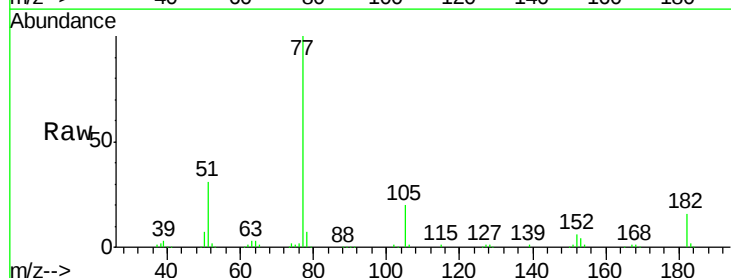
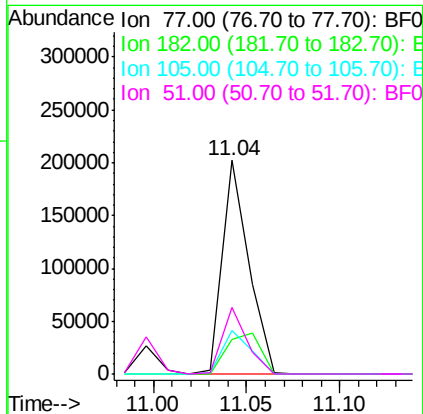
Ion Ratio Lower Upper

77 100

182 16.0 15.1 55.1

105 20.1 3.4 43.4

51 31.3 12.0 52.0





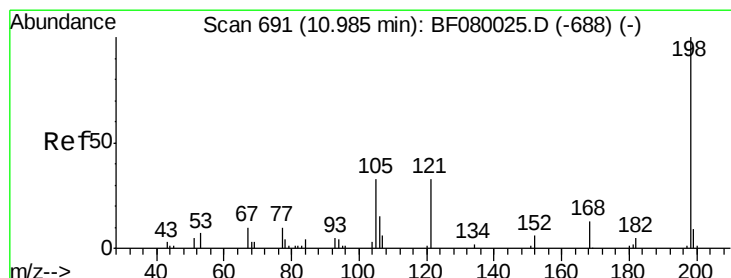
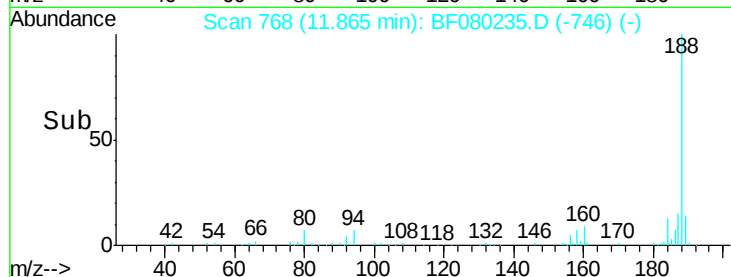
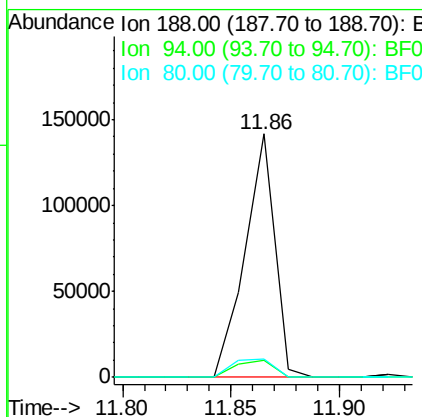
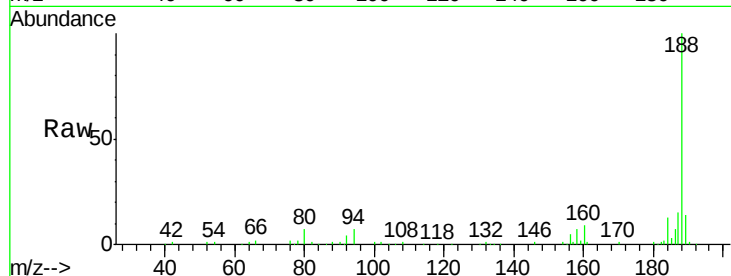
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.9	11.1	16.7#
80	7.3	11.0	16.4#

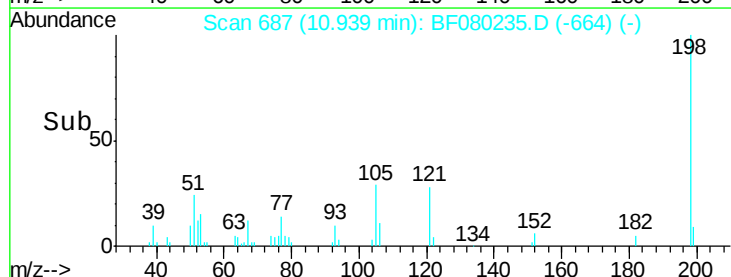
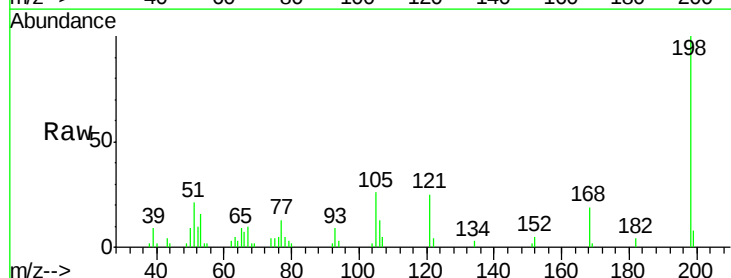
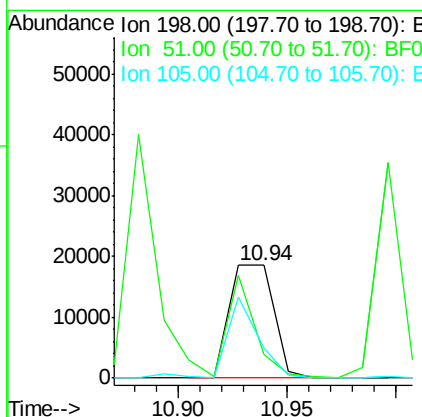
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.05 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	21.3	39.6	79.6#
105	26.3	28.5	68.5#





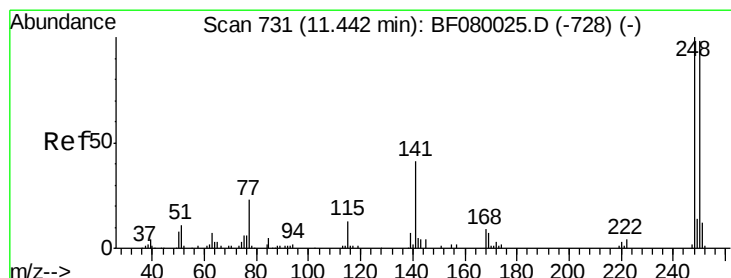
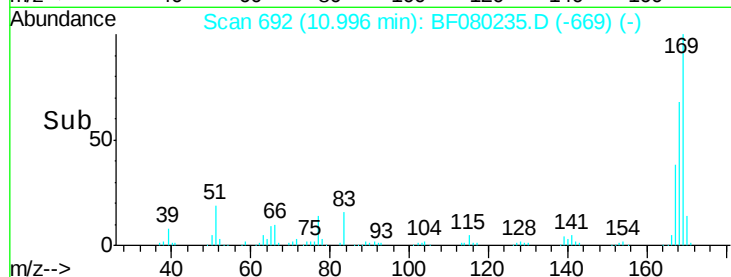
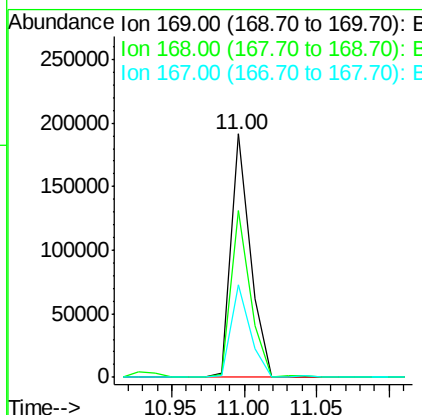
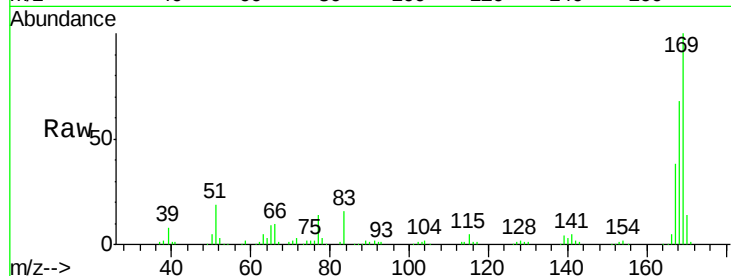
#65
 n-Nitrosodiphenylamine
 Concen: 40.26 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	176140		
168	68.5	48.9	73.3	
167	37.8	26.2	39.4	

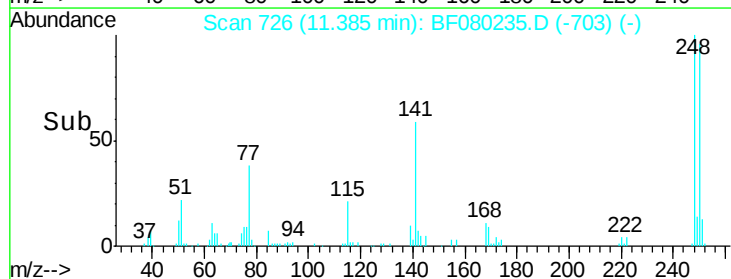
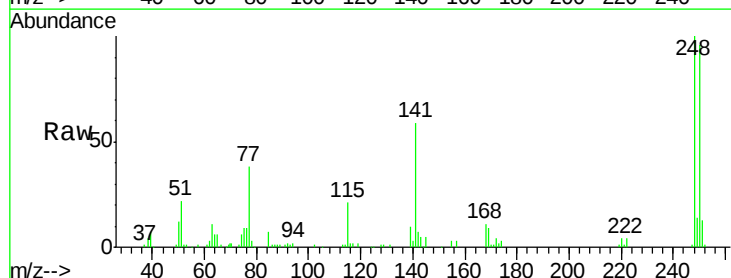
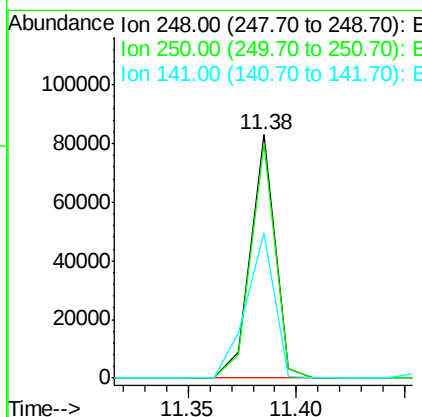
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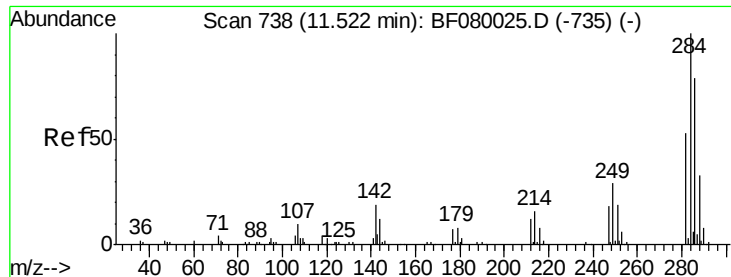
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#66
 4-Bromophenyl-phenylether
 Concen: 45.55 ng
 RT: 11.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65069		
250	96.4	78.5	117.7	
141	59.4	59.0	88.6	





#67

Hexachlorobenzene

Concen: 44.41 ng

RT: 11.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF080235.D

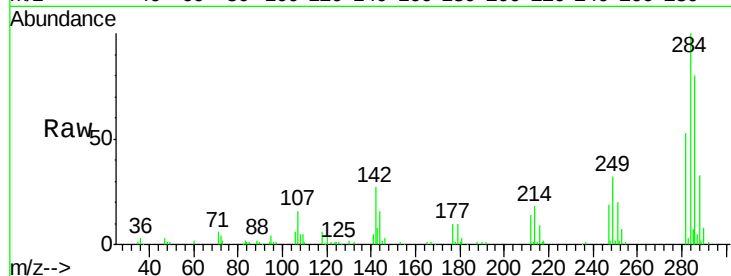
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

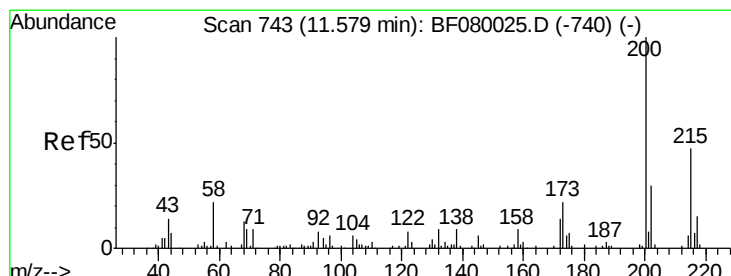
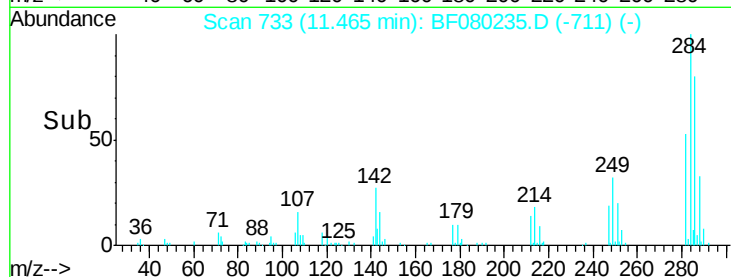
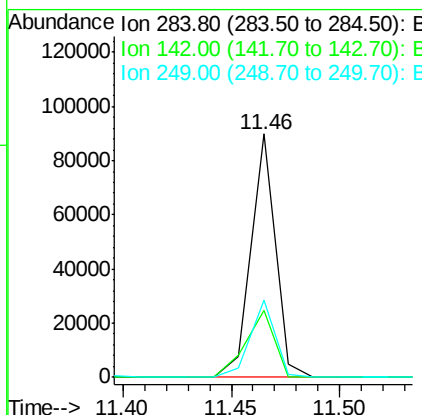
PB84280BS



Tgt Ion:	284	Resp:	70509
Ion Ratio	Lower	Upper	
284	100		
142	27.5	29.5	44.3#
249	31.9	19.5	29.3#

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#68

Atrazine

Concen: 41.78 ng

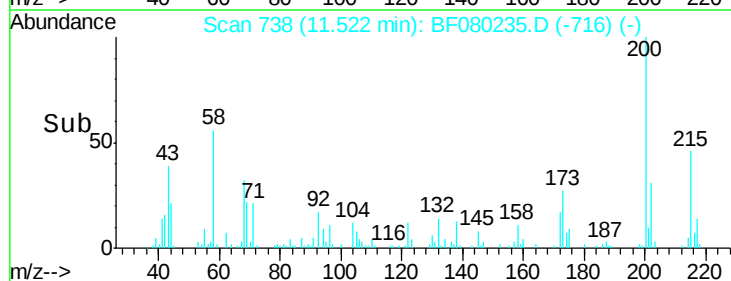
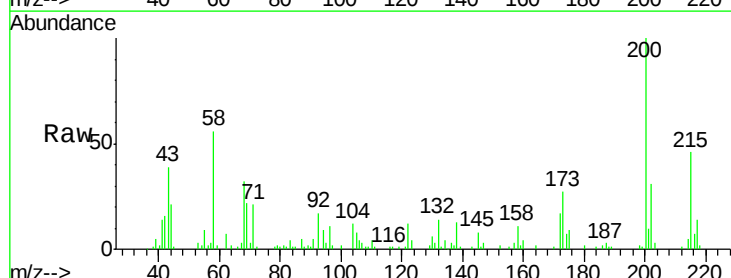
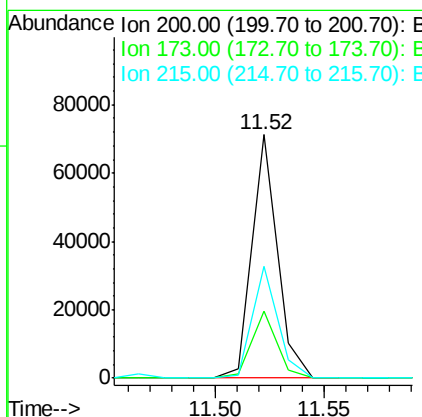
RT: 11.52 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	200	Resp:	57743
Ion Ratio	Lower	Upper	
200	100		
173	27.5	13.2	53.2
215	45.9	41.8	81.8





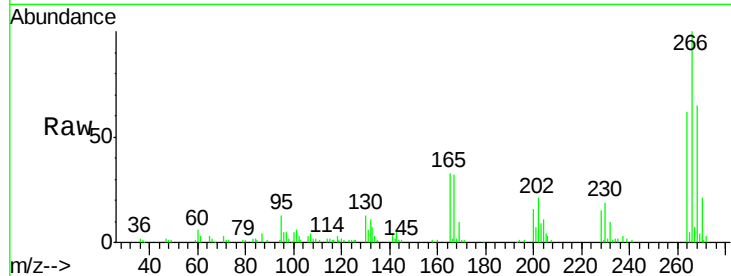
#69
 Pentachlorophenol
 Concen: 75.88 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

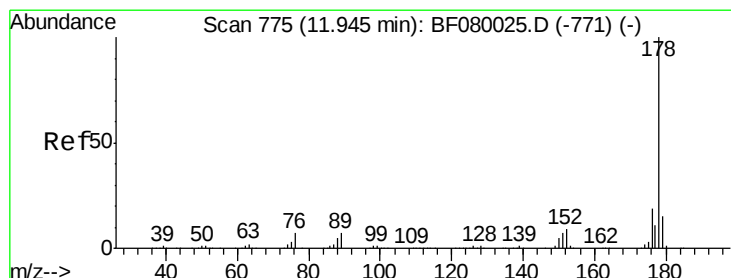
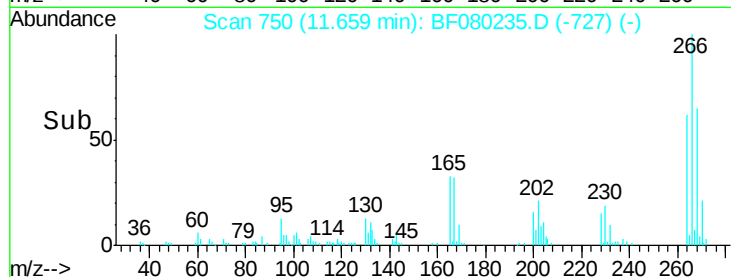
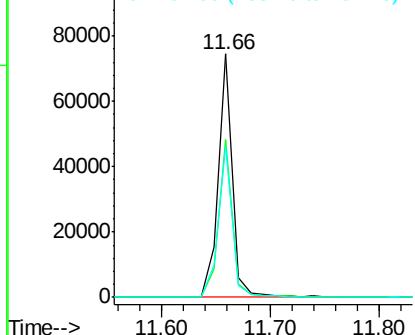
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68271		
268	65.0	49.8	74.6	
264	62.2	50.2	75.2	

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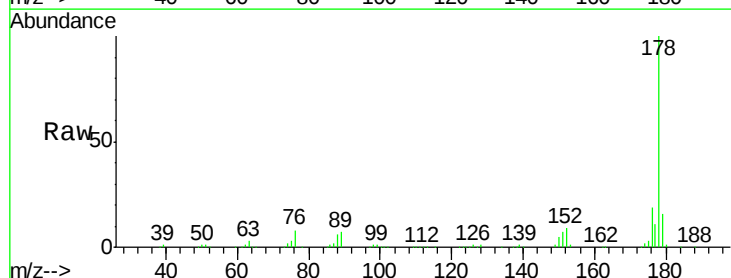


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

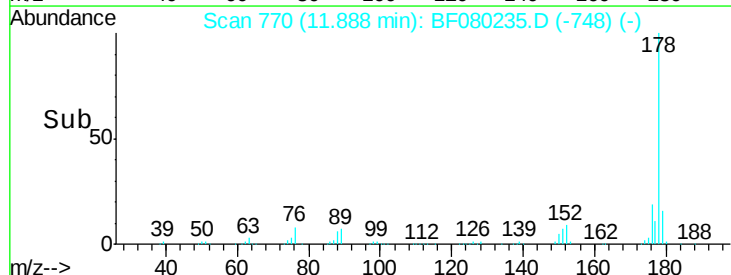
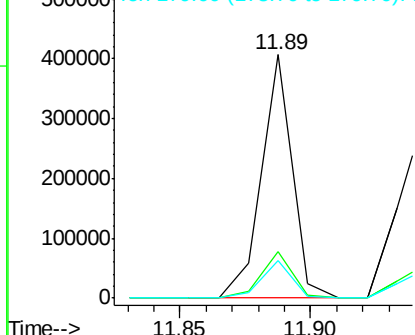


#70
 Phenanthrene
 Concen: 41.27 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	335698		
176	19.3	13.8	20.8	
179	15.5	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





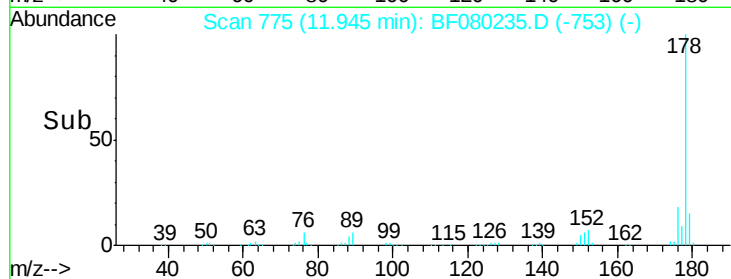
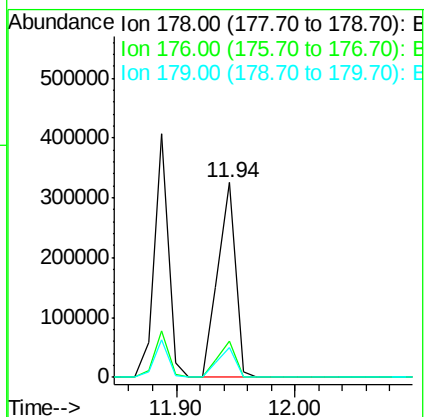
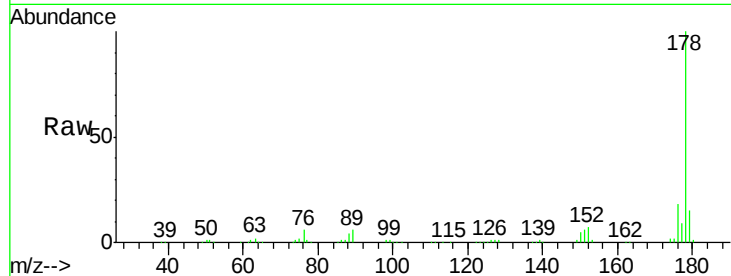
#71
 Anthracene
 Concen: 42.92 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampled :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	15.0	12.2	18.2

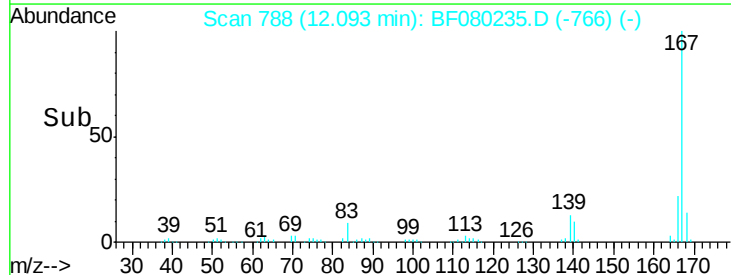
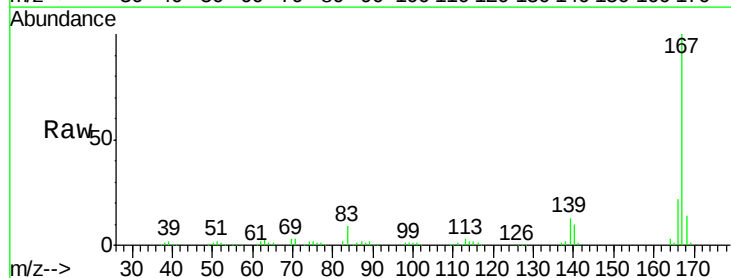
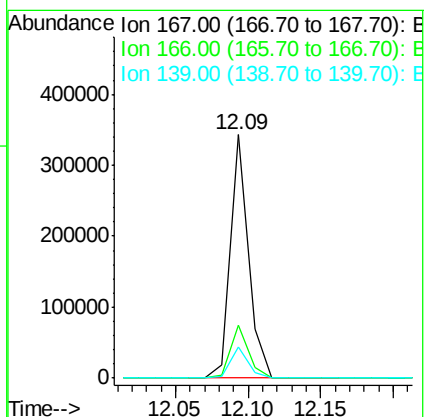
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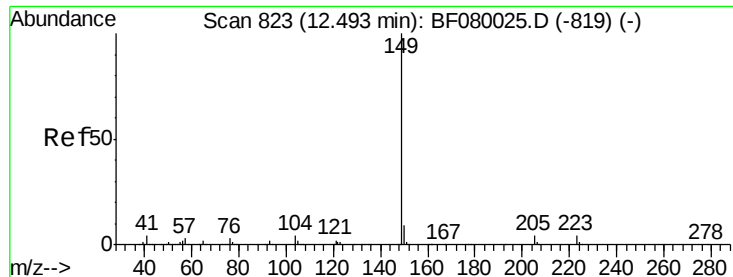
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#72
 Carbazole
 Concen: 39.71 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	12.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 12.44 min Scan# 818

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

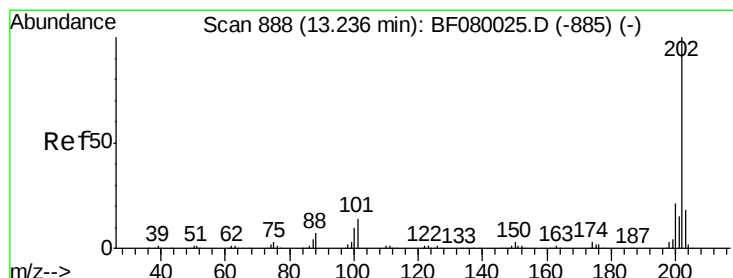
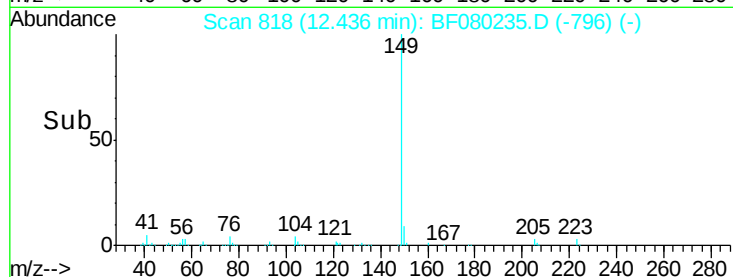
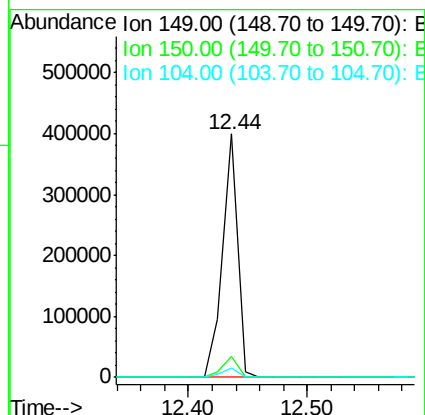
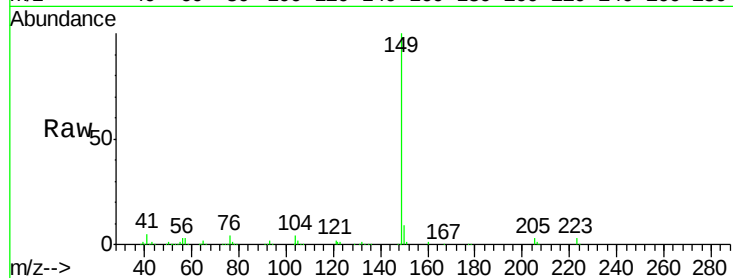
ClientSampleId :

PB84280BS

Tgt Ion:	149	Resp:	347380
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.2
104	4.1	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 40.13 ng

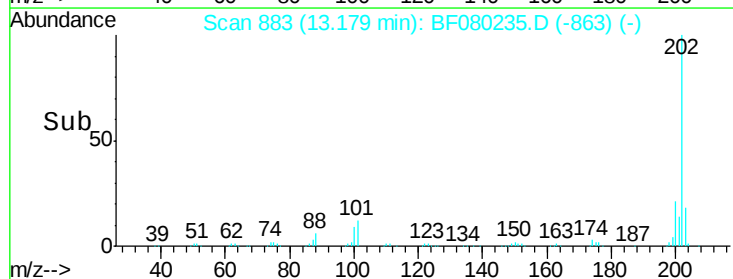
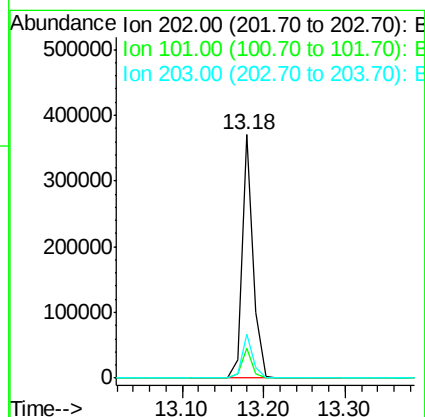
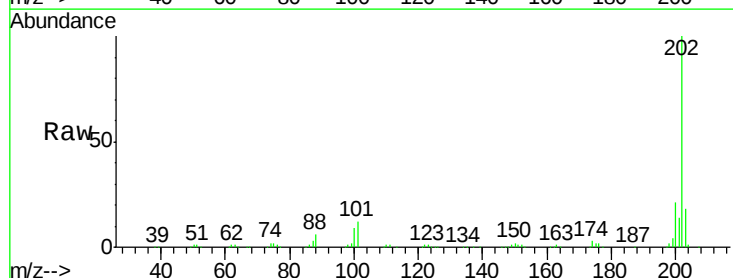
RT: 13.18 min Scan# 883

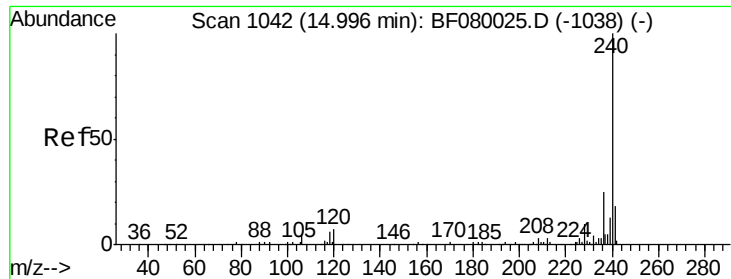
Delta R.T. -0.07 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:	202	Resp:	347606
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	38.3
203	17.8	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

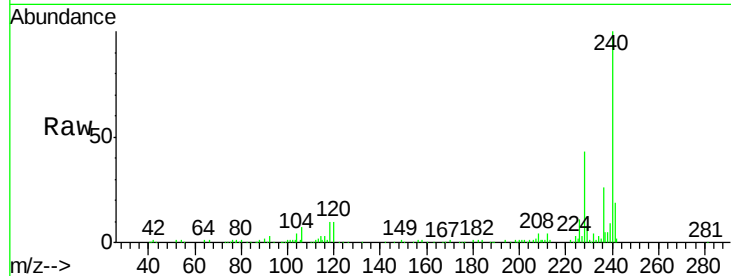
ClientSampleId :

PB84280BS

Tgt Ion:	240	Resp:	141446
Ion Ratio	Lower	Upper	
240	100		
120	10.5	16.2	24.2#
236	25.7	18.4	27.6

Manual Integrations
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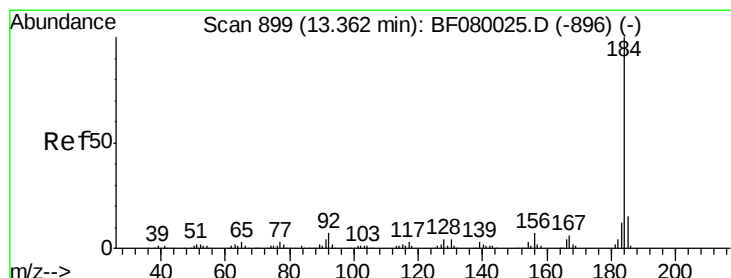
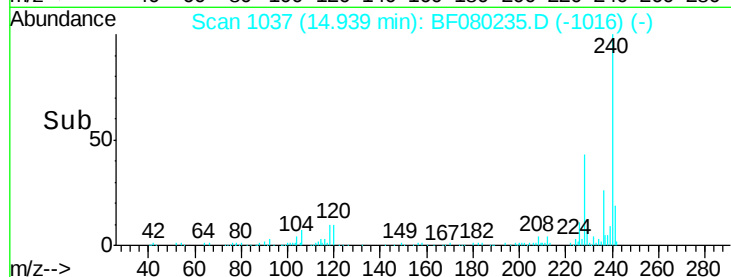
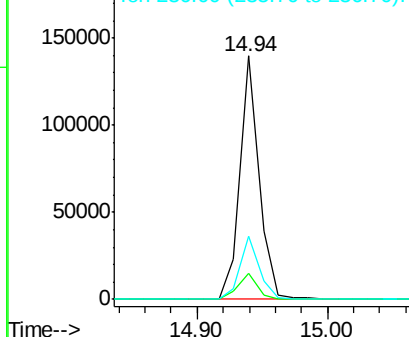
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 50.92 ng

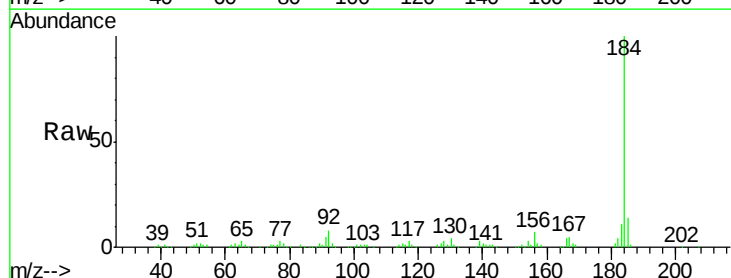
RT: 13.30 min Scan# 894

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

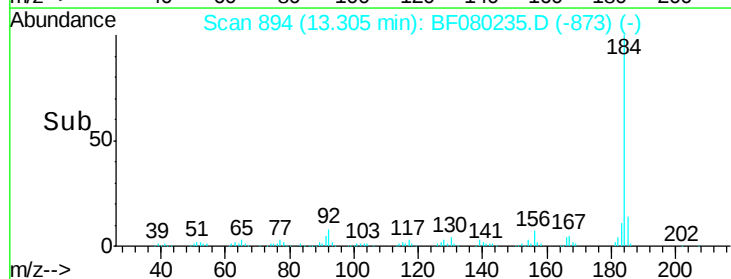
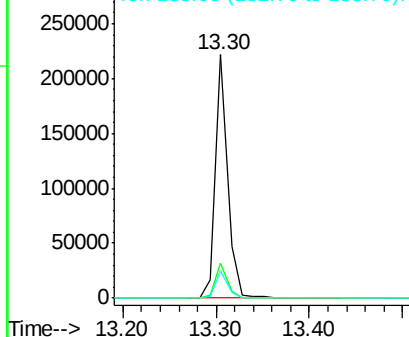
Tgt Ion:	184	Resp:	201311
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.6
183	11.2	7.6	11.4

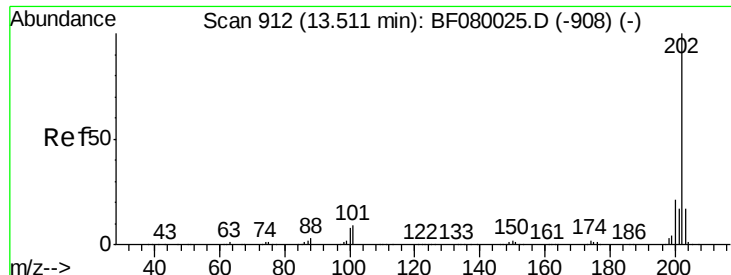


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





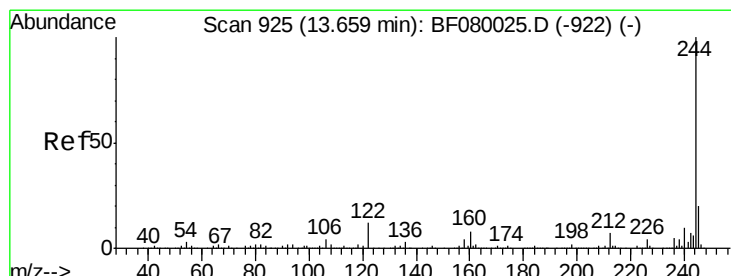
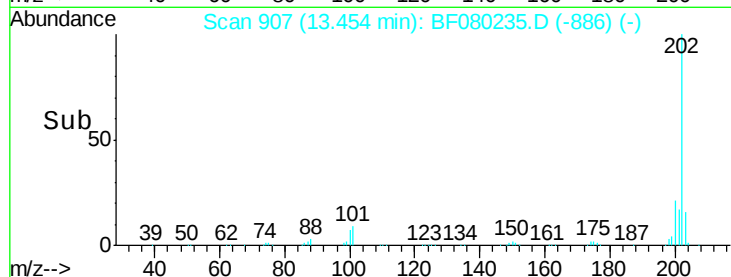
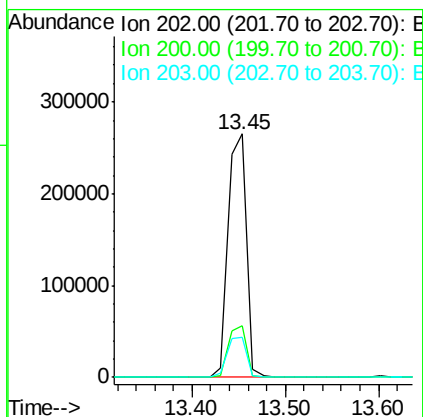
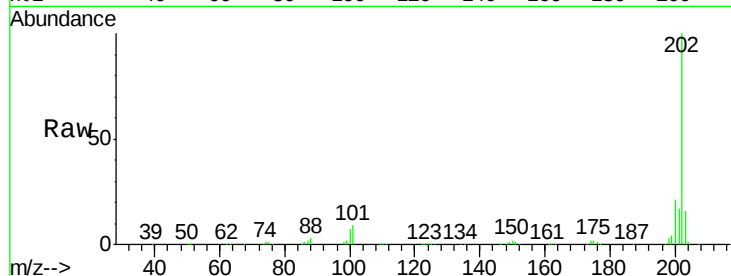
#77
 Pyrene
 Concen: 42.02 ng
 RT: 13.45 min Scan# 907
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	15.0	22.4
203	16.4	14.1	21.1

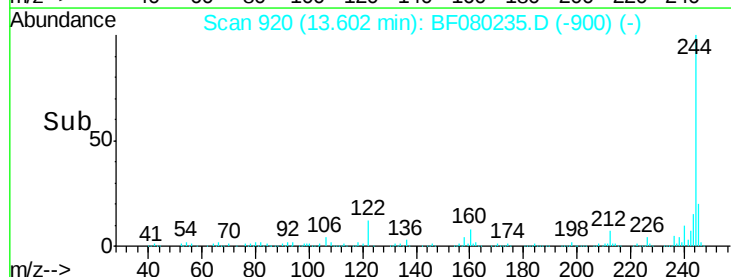
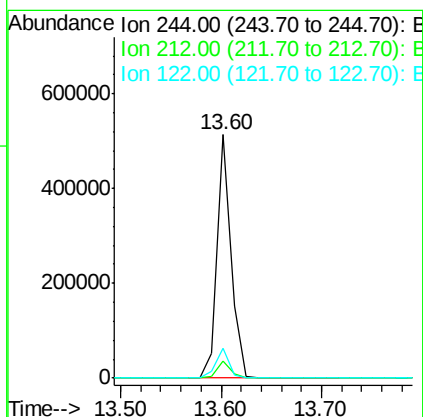
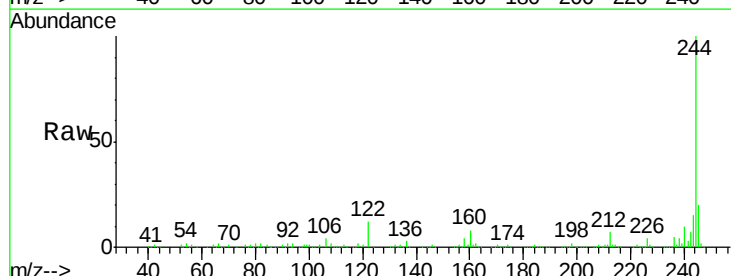
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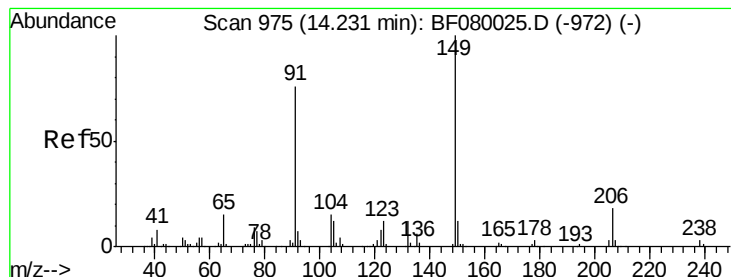
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#78
 Terphenyl-d14
 Concen: 81.92 ng
 RT: 13.60 min Scan# 920
 Delta R.T. -0.07 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	12.2	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 41.30 ng

RT: 14.19 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion:149 Resp: 144422

Ion Ratio Lower Upper

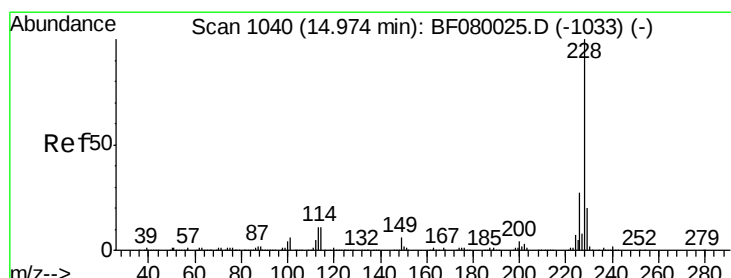
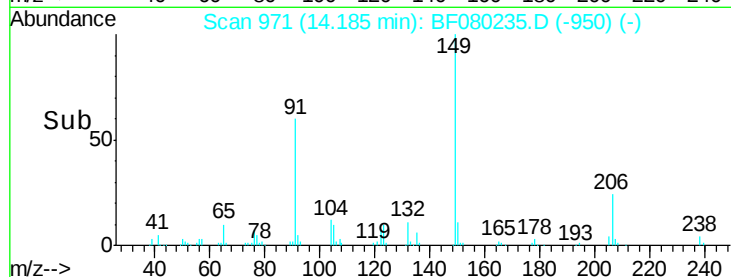
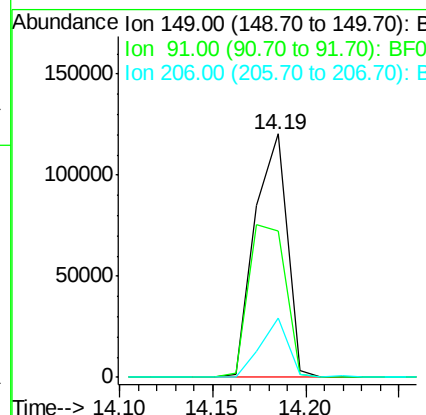
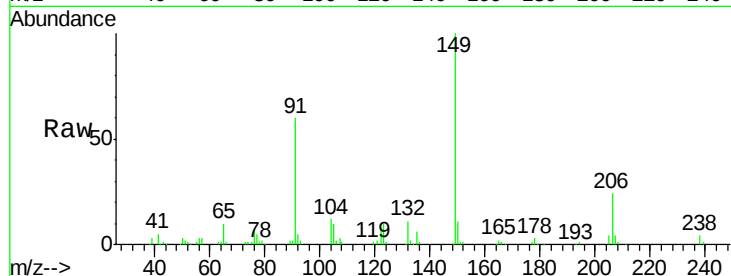
149 100

91 60.0 48.6 72.8

206 24.1 14.9 22.3#

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#80

Benzo(a)anthracene

Concen: 40.42 ng

RT: 14.93 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

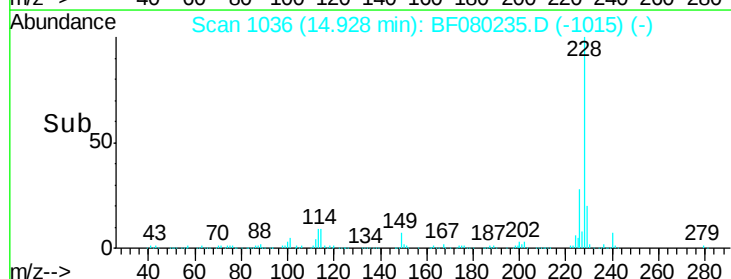
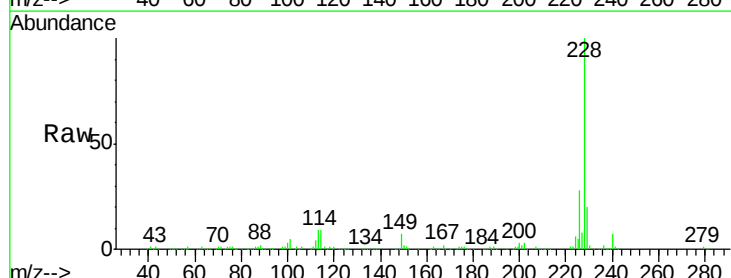
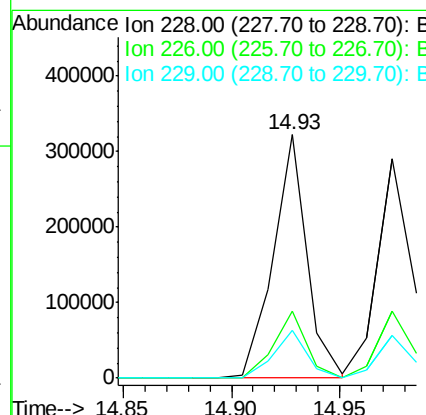
Tgt Ion:228 Resp: 348309

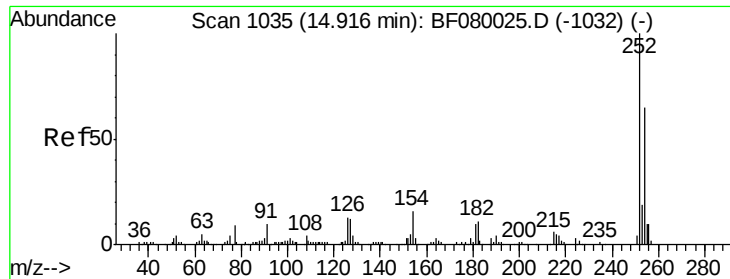
Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

229 19.6 15.4 23.2





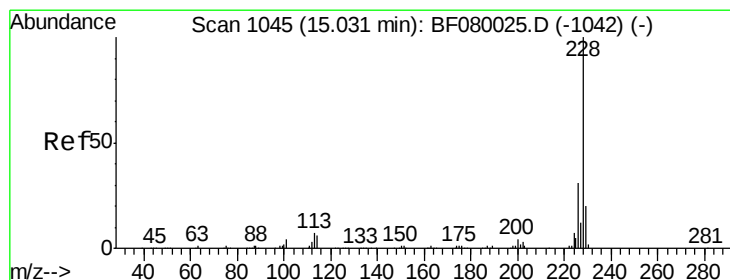
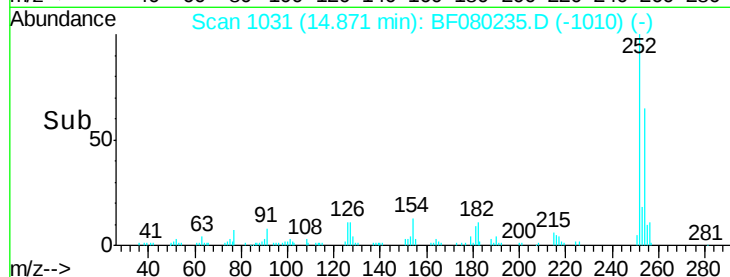
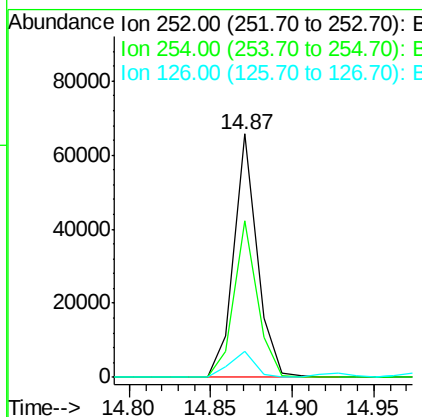
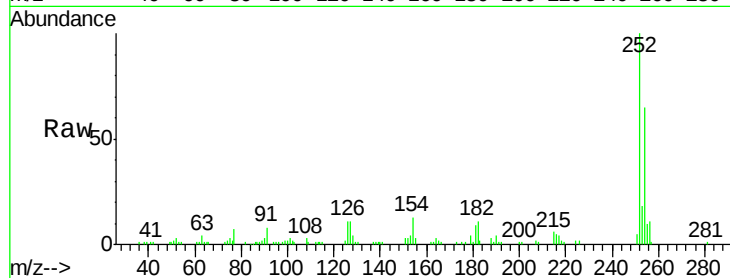
#81
 3,3'-Dichlorobenzidine
 Concen: 21.75 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	10.9	16.4	24.6

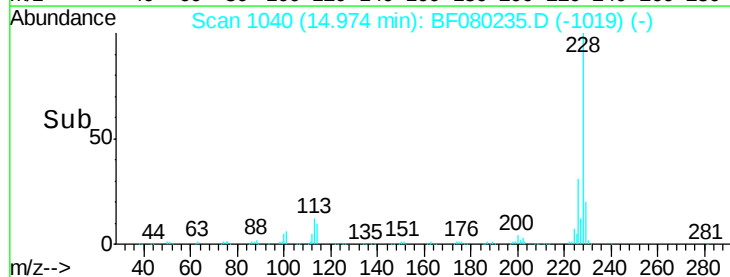
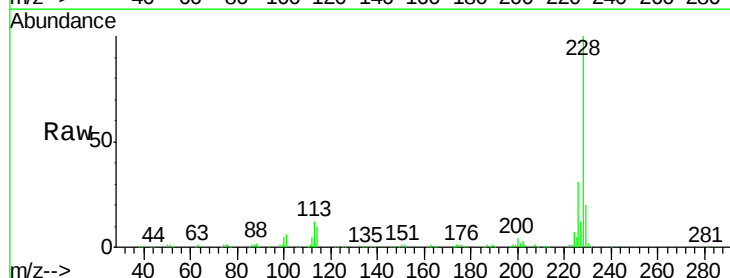
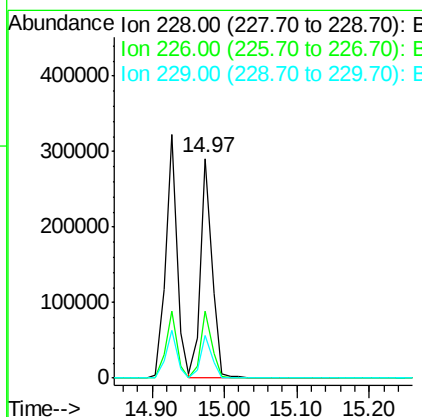
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#82
 Chrysene
 Concen: 40.89 ng
 RT: 14.97 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	19.5	15.6	23.4





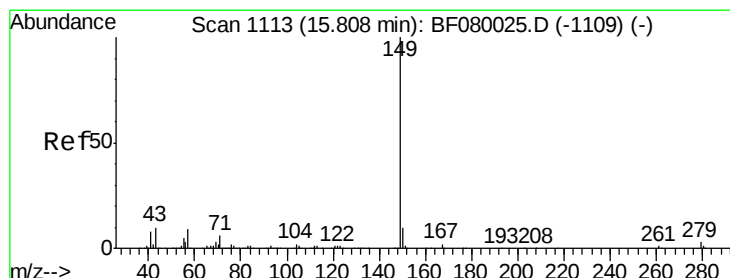
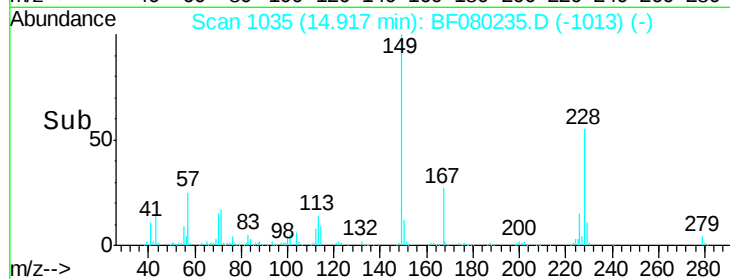
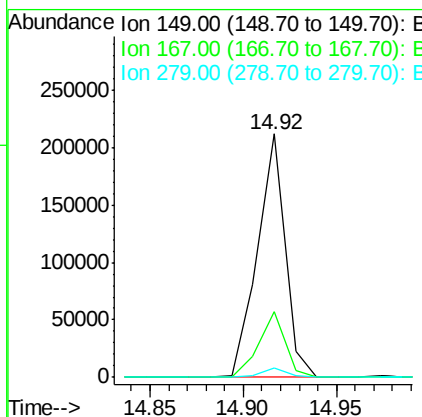
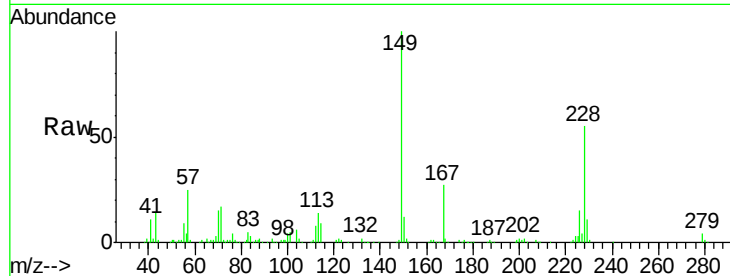
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.38 ng
 RT: 14.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	217641		
167	26.7	24.2	36.2	
279	3.6	3.8	5.6	

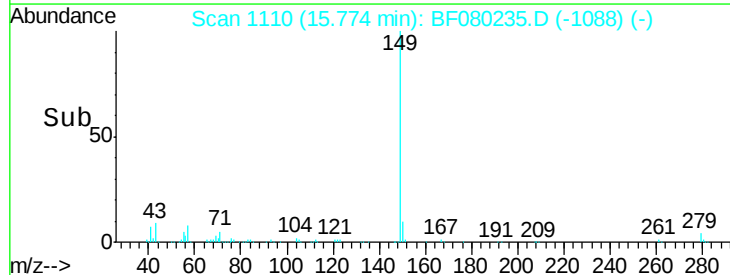
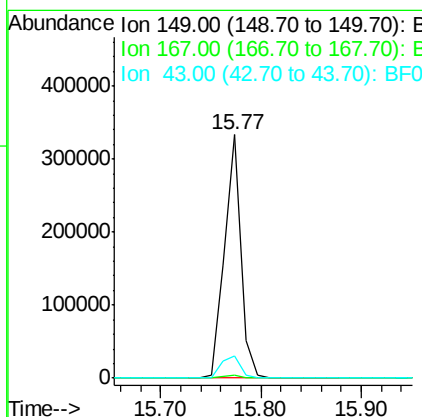
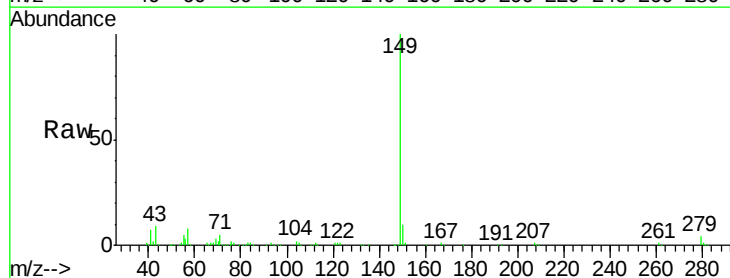
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#84
 Di-n-octyl phthalate
 Concen: 39.87 ng
 RT: 15.77 min Scan# 1110
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	377659		
167	1.4	1.0	1.6	
43	11.4	10.2	15.2	





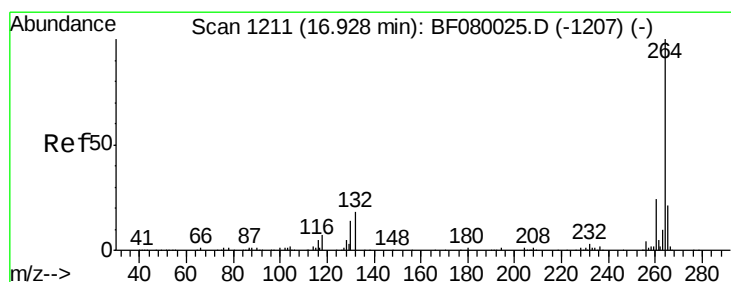
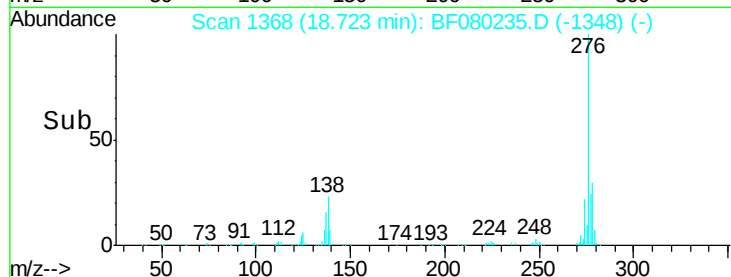
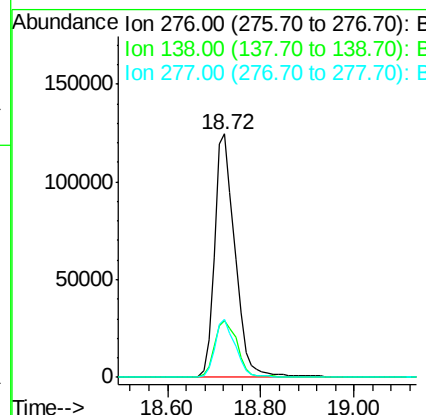
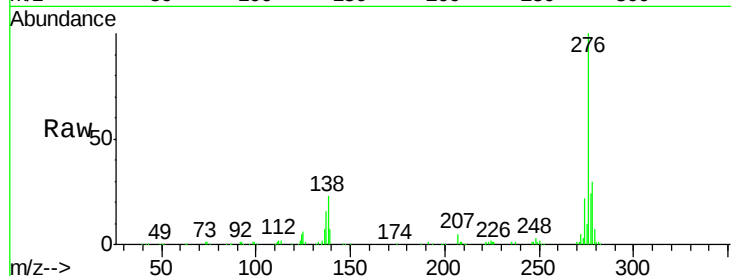
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.00 ng
 RT: 18.72 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.7	38.5
277	24.0	15.6	23.4

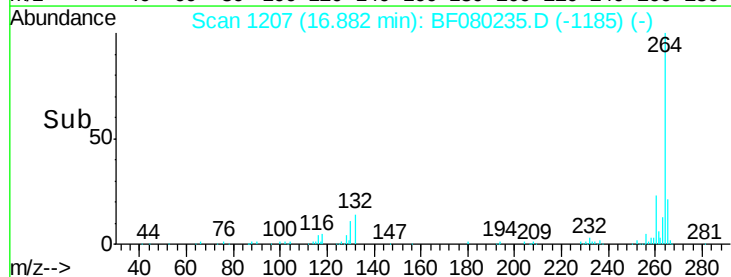
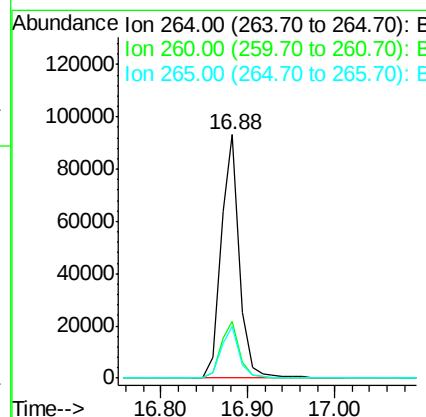
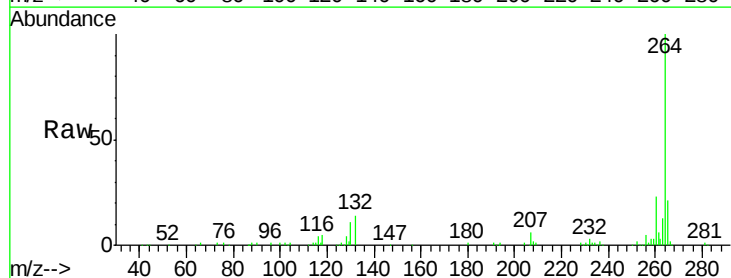
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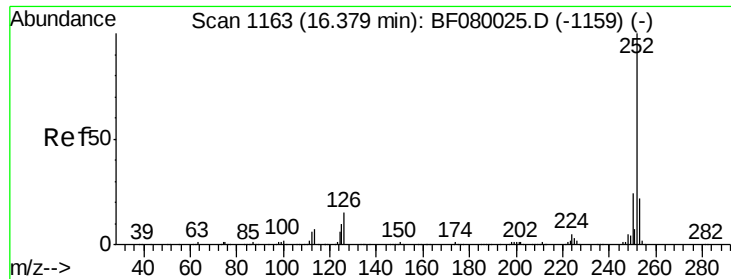
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.88 min Scan# 1207
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.92 ng

RT: 16.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF080235.D

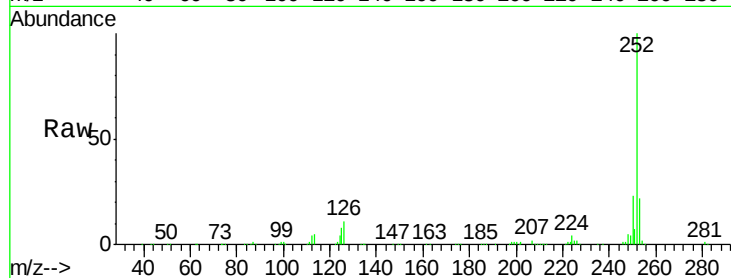
Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

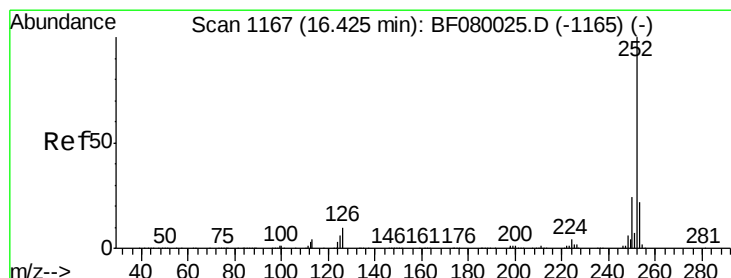
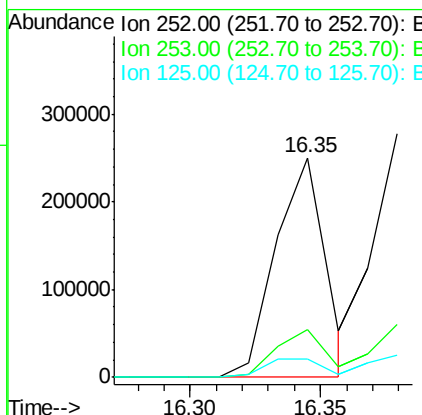
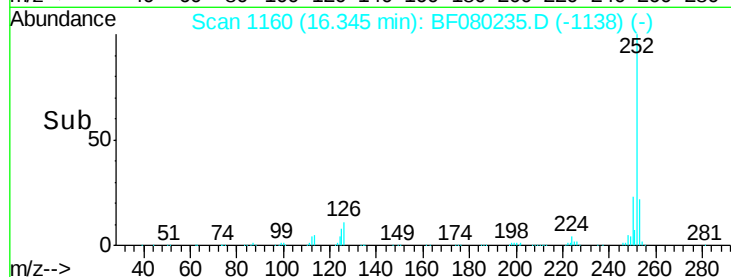
PB84280BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.1	17.1	25.7

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#88

Benzo(k)fluoranthene

Concen: 40.92 ng

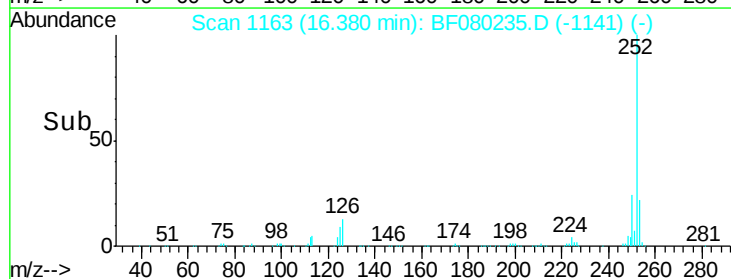
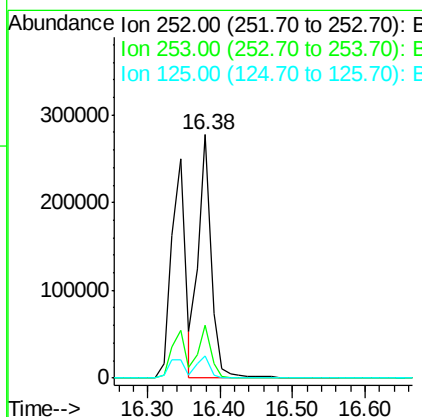
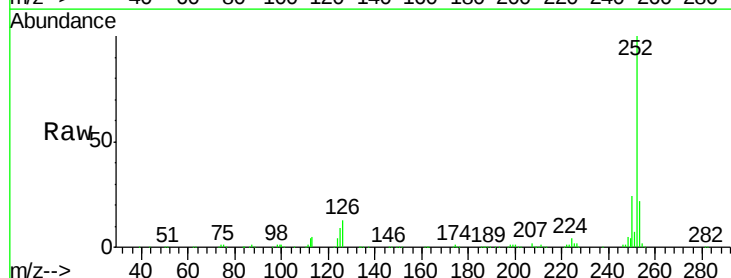
RT: 16.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	8.9	16.0	24.0





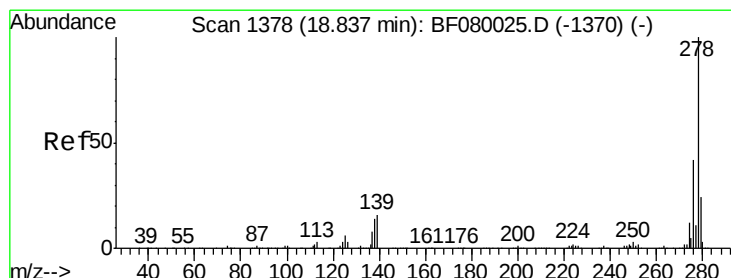
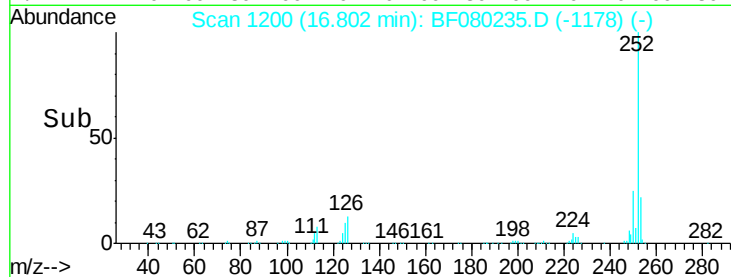
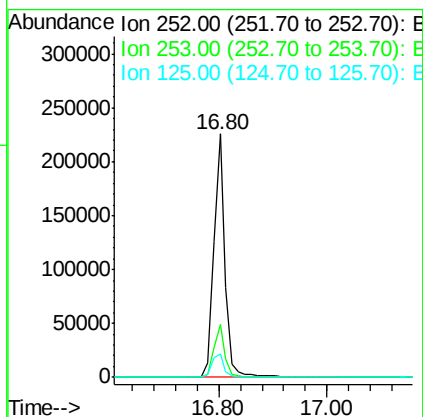
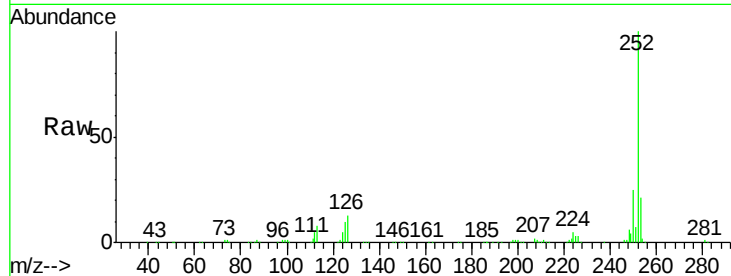
#89
Benzo(a)pyrene
Concen: 42.14 ng
RT: 16.80 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.7	18.0	27.0

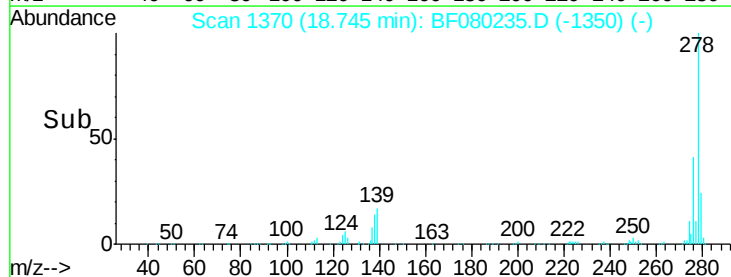
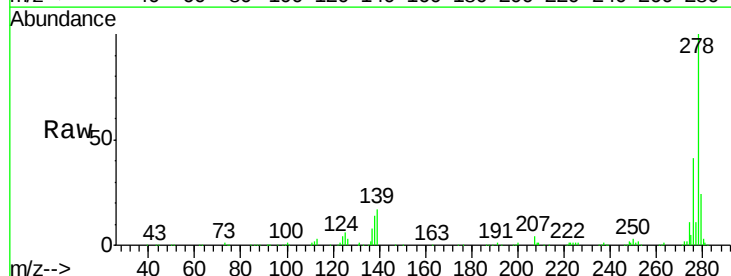
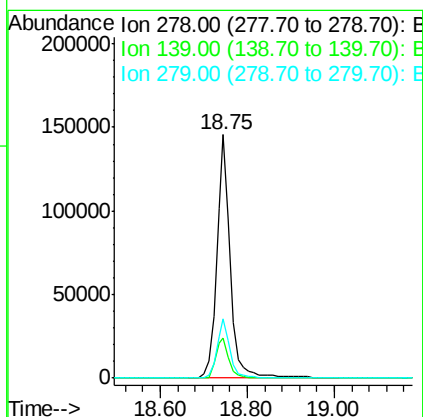
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#90
Dibenzo(a,h)anthracene
Concen: 39.68 ng
RT: 18.75 min Scan# 1370
Delta R.T. -0.07 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	26.3	39.5
279	24.2	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.58 ng
 RT: 19.27 min Scan# 1416
 Delta R.T. -0.08 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	17.8	26.6
138	21.8	34.6	51.8

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