

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081168.D
 Acq On : 24 Aug 2015 14:21
 Operator : UM/IZ
 Sample : PB84980BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 7:10:46 PM

Quant Time: Aug 24 15:16:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66512	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	280560	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	123248	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	264312	20.00	ng	0.00
75) Chrysene-d12	13.66	240	229923	20.00	ng	0.00
86) Perylene-d12	14.99	264	155636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	470135	106.32	ng	0.02
7) Phenol-d6	6.20	99	574091	99.50	ng	0.00
23) Nitrobenzene-d5	7.11	82	382448	62.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	99868	93.48	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	590444	62.77	ng	0.00
78) Terphenyl-d14	12.62	244	580635	54.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	57654	27.67	ng	94
3) Pyridine	2.62	79	170606	29.01	ng	# 81
4) n-Nitrosodimethylamine	2.57	42	98594	30.11	ng	# 76
6) Aniline	6.21	93	141360	16.85	ng	# 1
8) 2-Chlorophenol	6.32	128	158031	32.65	ng	95
9) Benzaldehyde	6.08	77	30277	8.14	ng	91
10) Phenol	6.21	94	228317	33.51	ng	87
11) bis(2-Chloroethyl)ether	6.29	93	163771	31.32	ng	91
12) 1,3-Dichlorobenzene	6.48	146	168959	32.49	ng	99
13) 1,4-Dichlorobenzene	6.56	146	169168	32.85	ng	98
14) 1,2-Dichlorobenzene	6.71	146	147163	30.53	ng	99
15) Benzyl Alcohol	6.70	79	152176	32.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	325705	31.70	ng	99
17) 2-Methylphenol	6.82	107	144374	34.76	ng	94
18) Hexachloroethane	7.05	117	64896	31.19	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	126011	31.53	ng	92
20) 3+4-Methylphenols	6.97	107	176780	33.54	ng	# 59
22) Acetophenone	6.96	105	234526	31.84	ng	# 85
24) Nitrobenzene	7.13	77	199956	31.14	ng	98
25) Isophorone	7.37	82	335805	29.32	ng	98
26) 2-Nitrophenol	7.45	139	90378	33.84	ng	# 73
27) 2,4-Dimethylphenol	7.50	122	146302	30.97	ng	96
28) bis(2-Chloroethoxy)methane	7.60	93	226166	33.43	ng	99
29) 2,4-Dichlorophenol	7.69	162	124201	31.23	ng	90
30) 1,2,4-Trichlorobenzene	7.77	180	132126	29.89	ng	99
31) Naphthalene	7.85	128	494505	31.62	ng	99
32) Benzoic acid	7.64	122	105755	39.80	ng	92
33) 4-Chloroaniline	7.91	127	89935	13.63	ng	# 86
34) Hexachlorobutadiene	7.98	225	77795	31.12	ng	98
35) Caprolactam	8.28	113	50018m	35.98	ng	
36) 4-Chloro-3-methylphenol	8.40	107	154952	32.69	ng	100
37) 2-Methylnaphthalene	8.54	142	298452	30.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	129896	32.67	ng	98
40) Hexachlorocyclopentadiene	8.70	237	137052	66.59	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	99309	35.35	ng	97
43) 2,4,5-Trichlorophenol	8.87	196	90560	32.25	ng #	91
45) 1,1'-Biphenyl	9.01	154	393916	36.29	ng	98
46) 2-Chloronaphthalene	9.02	162	264638	30.34	ng #	91
47) 2-Nitroaniline	9.12	65	107375	30.09	ng	98
48) Acenaphthylene	9.43	152	442528	28.36	ng	99
49) Dimethylphthalate	9.32	163	328062	32.32	ng	100
50) 2,6-Dinitrotoluene	9.37	165	74479	34.18	ng	86
51) Acenaphthene	9.60	154	265433	28.42	ng	100
52) 3-Nitroaniline	9.53	138	51835	19.01	ng	98
53) 2,4-Dinitrophenol	9.65	184	85424	71.92	ng #	67
54) Dibenzofuran	9.77	168	385152	30.77	ng	92
55) 4-Nitrophenol	9.72	139	138798	72.47	ng #	72
56) 2,4-Dinitrotoluene	9.77	165	98527	34.11	ng #	76
57) Fluorene	10.12	166	318986	33.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	77338m	35.59	ng	
59) Diethylphthalate	10.01	149	367204	34.18	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	142417	34.96	ng	97
61) 4-Nitroaniline	10.15	138	87042	31.23	ng #	77
62) Azobenzene	10.28	77	434229	35.08	ng	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	47878	30.33	ng	98
65) n-Nitrosodiphenylamine	10.24	169	285009	30.21	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	77197	29.73	ng #	67
67) Hexachlorobenzene	10.65	284	81845	31.12	ng #	69
68) Atrazine	10.77	200	75032	28.54	ng	98
69) Pentachlorophenol	10.86	266	103146	65.37	ng	98
70) Phenanthrene	11.06	178	457129	29.18	ng	99
71) Anthracene	11.12	178	479071	31.43	ng	98
72) Carbazole	11.27	167	461607	31.45	ng	98
73) Di-n-butylphthalate	11.62	149	596736	33.60	ng	99
74) Fluoranthene	12.24	202	544345	32.20	ng	95
76) Benzidine	12.37	184	154502	17.79	ng	98
77) Pyrene	12.47	202	521854	27.92	ng	98
79) Butylbenzylphthalate	13.10	149	248568	30.94	ng #	62
80) Benzo(a)anthracene	13.65	228	452788	29.36	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	115905	23.21	ng #	94
82) Chrysene	13.68	228	362446	26.08	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	355747	34.57	ng	100
84) Di-n-octyl phthalate	14.28	149	586328	37.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	286801	29.40	ng #	94
87) Benzo(b)fluoranthene	14.64	252	449331m	40.82	ng	
88) Benzo(k)fluoranthene	14.67	252	293788m	28.64	ng	
89) Benzo(a)pyrene	14.94	252	343156	35.77	ng	98
90) Dibenzo(a,h)anthracene	16.17	278	242965	32.51	ng #	93
91) Benzo(g,h,i)perylene	16.52	276	237244	31.29	ng #	93

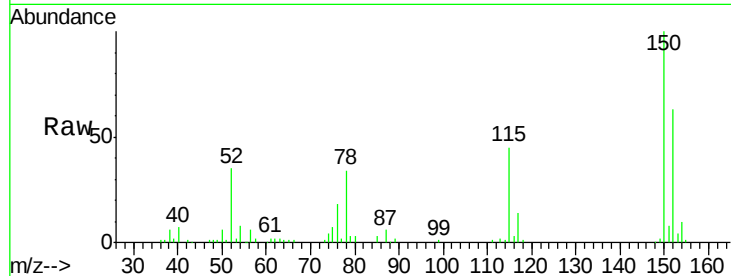
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

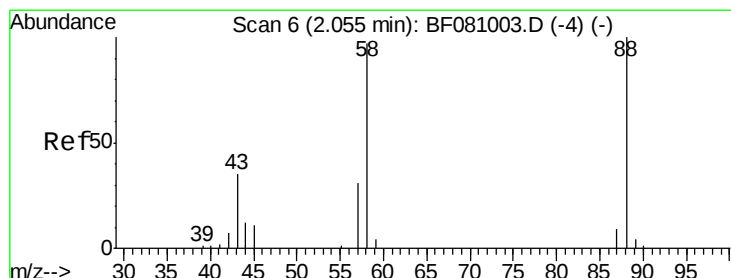
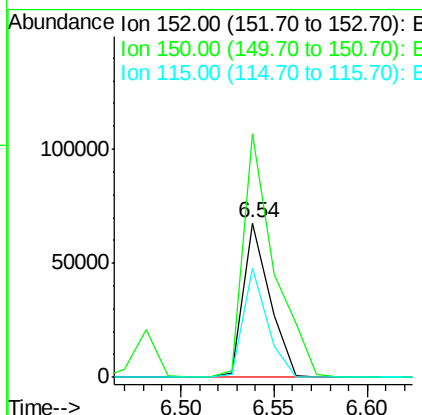
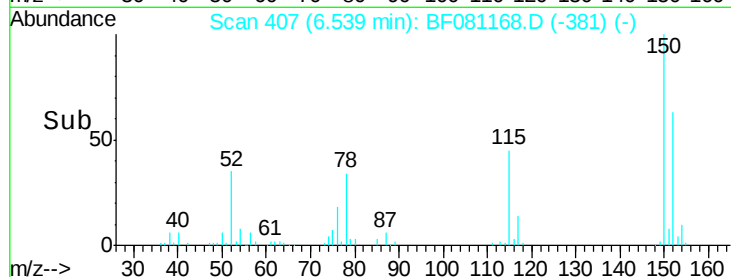
Instrument :
BNA_F
ClientSampleId :
PB84980BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.8	185.6
115	70.8	52.1	78.1

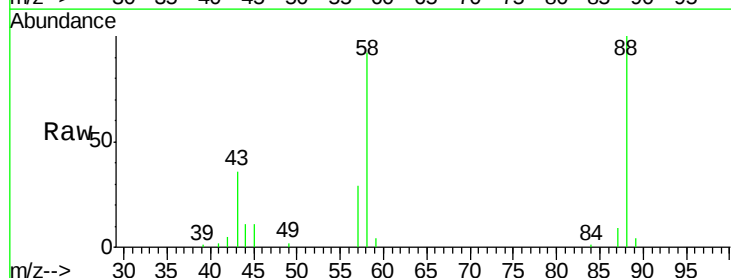
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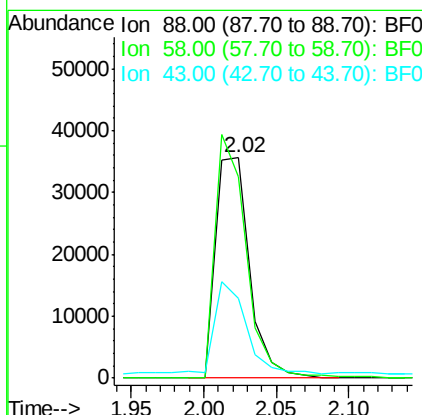
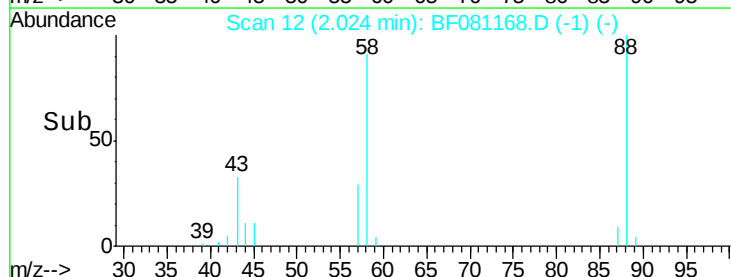


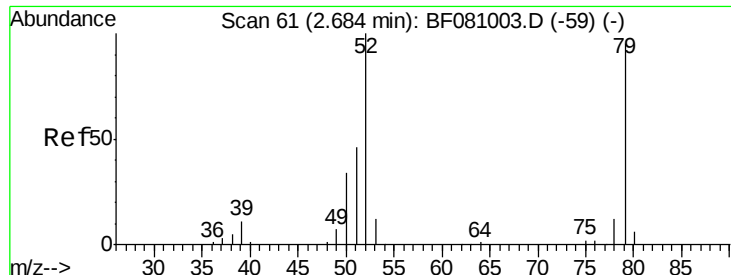
#2

1,4-Dioxane
Concen: 27.67 ng
RT: 2.02 min Scan# 12
Delta R.T. 0.09 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21



Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	83.7	125.5
43	38.1	37.5	56.3





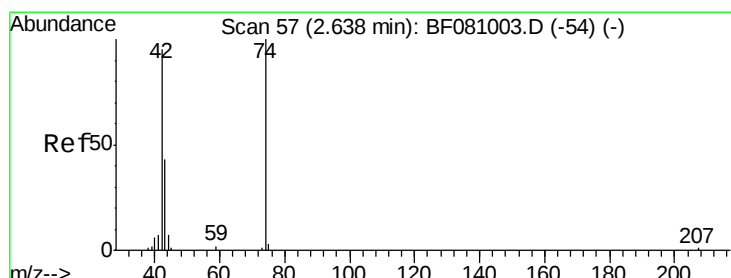
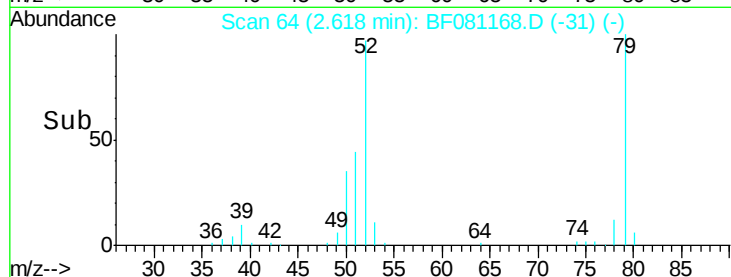
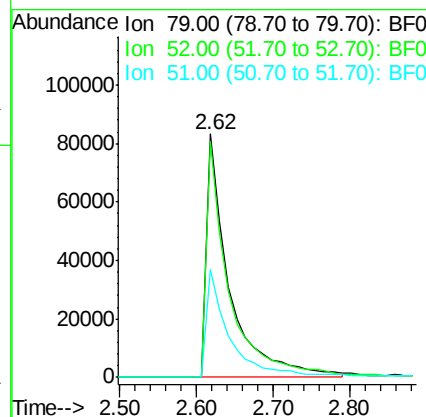
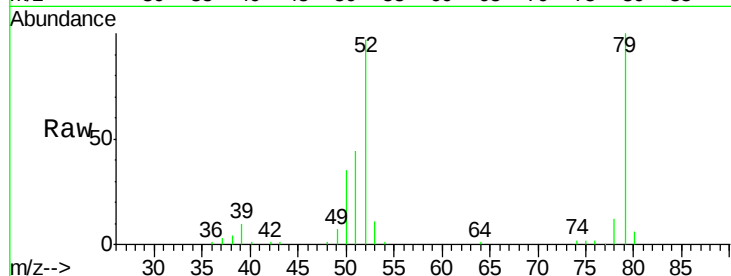
#3
 Pyridine
 Concen: 29.01 ng
 RT: 2.62 min Scan# 64
 Delta R.T. 0.08 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

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 PB84980BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.1	95.1	142.7
51	44.5	46.6	70.0#

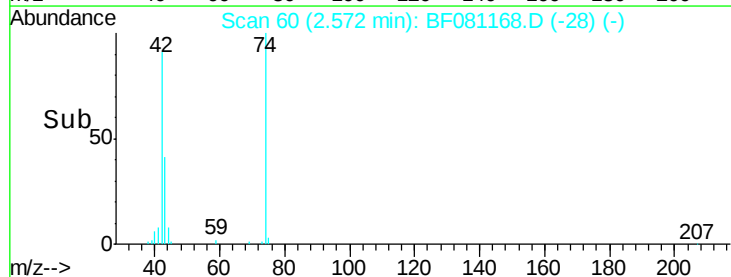
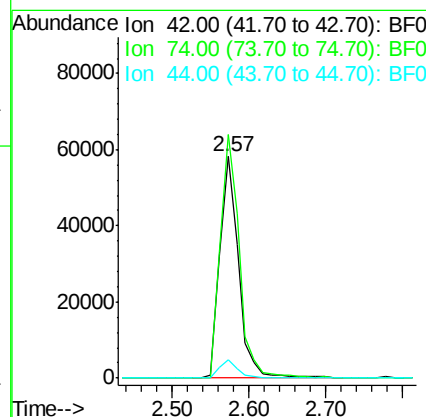
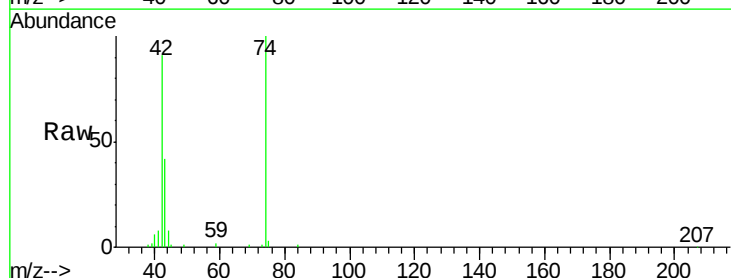
Manual Integrations
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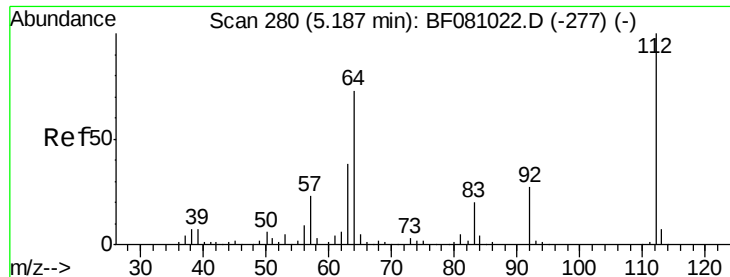
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#4
 n-Nitrosodimethylamine
 Concen: 30.11 ng
 RT: 2.57 min Scan# 60
 Delta R.T. 0.07 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.9	69.3	103.9#
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 106.32 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081168.D

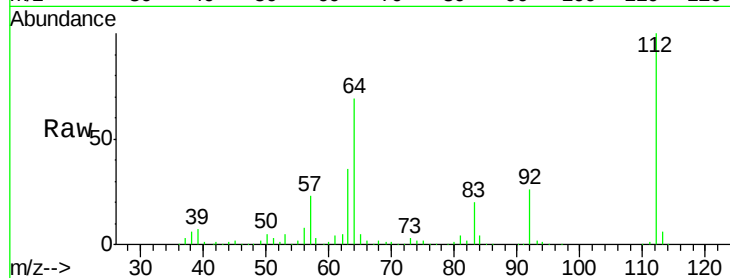
Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS



Tgt Ion: 112 Resp: 470135

Ion Ratio Lower Upper

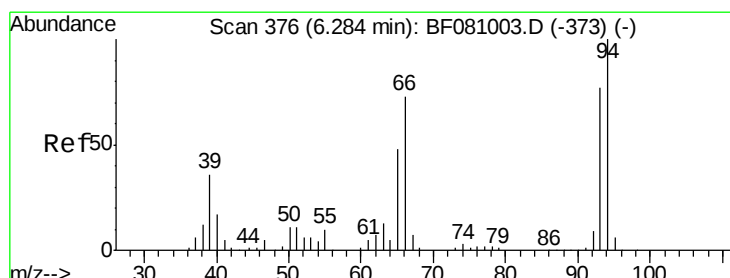
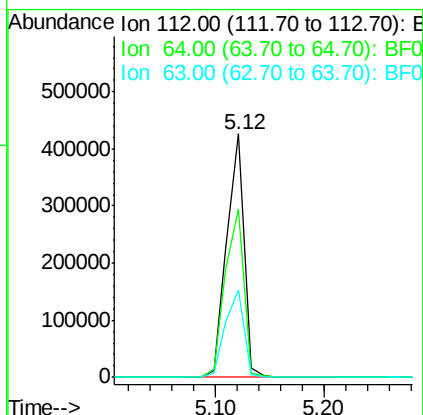
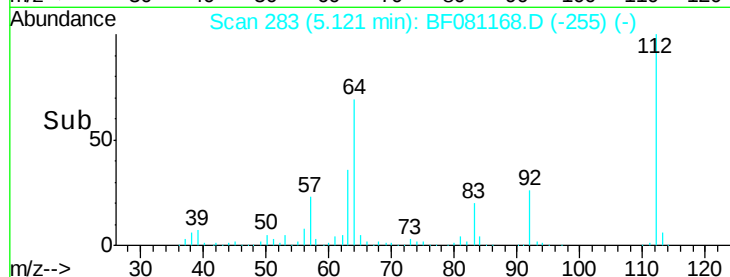
112 100

64 69.3 66.9 100.3

63 36.1 38.1 57.1#

Manual Integrations
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#6

Aniline

Concen: 16.85 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

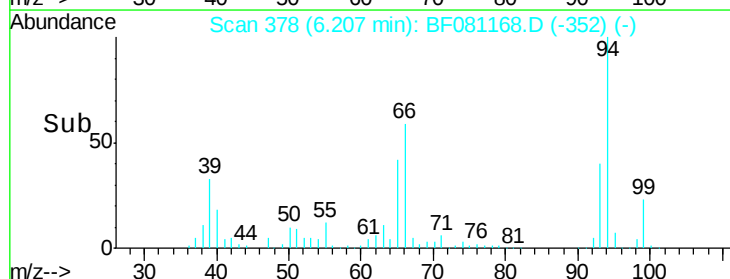
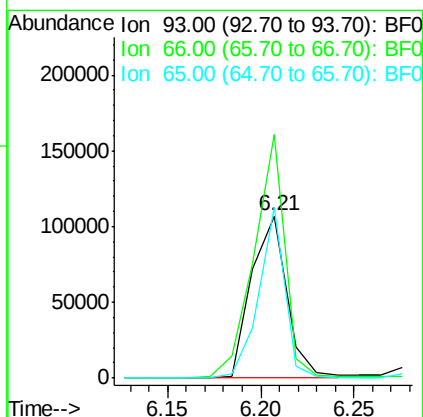
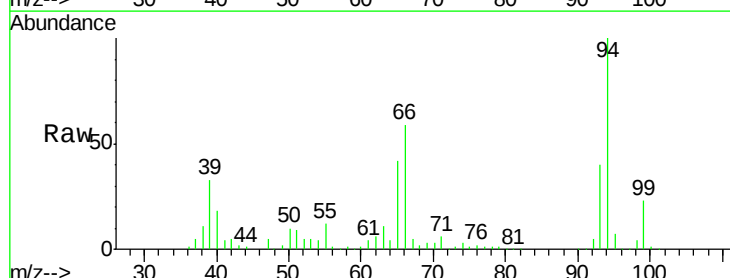
Tgt Ion: 93 Resp: 141360

Ion Ratio Lower Upper

93 100

66 150.6 35.6 53.4#

65 105.9 18.7 28.1#





#7

Phenol-d6

Concen: 99.50 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

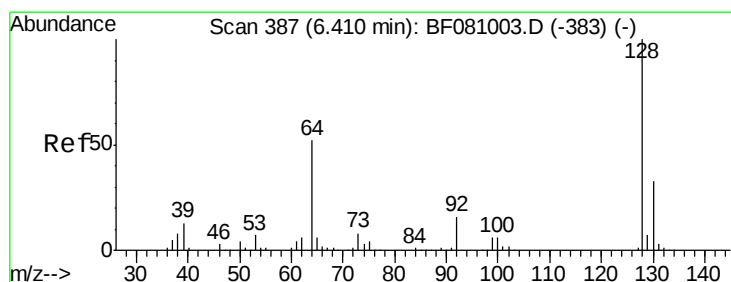
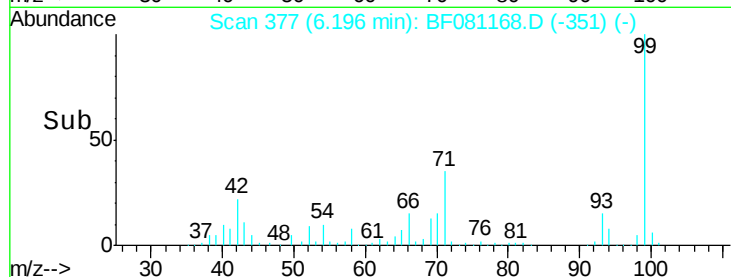
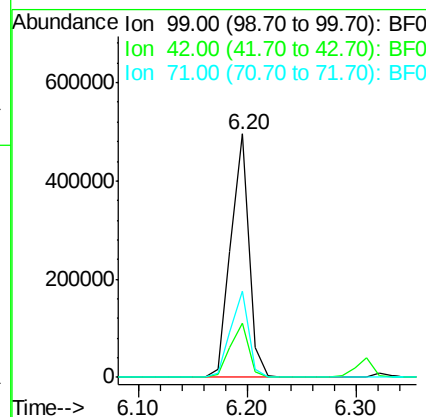
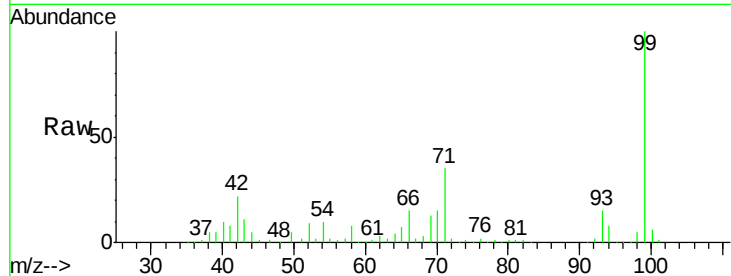
ClientSampleId :

PB84980BS

Tgt Ion:	99	Resp:	574091
Ion Ratio	Lower	Upper	
99	100		
42	22.2	19.6	29.4
71	35.4	31.2	46.8

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#8

2-Chlorophenol

Concen: 32.65 ng

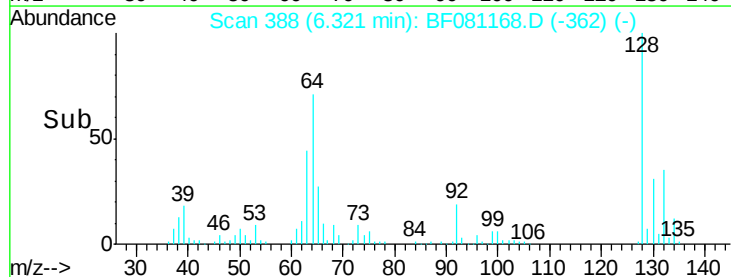
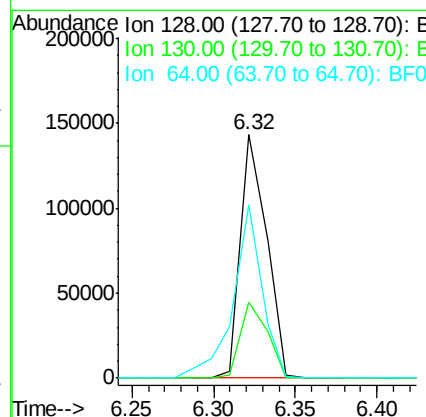
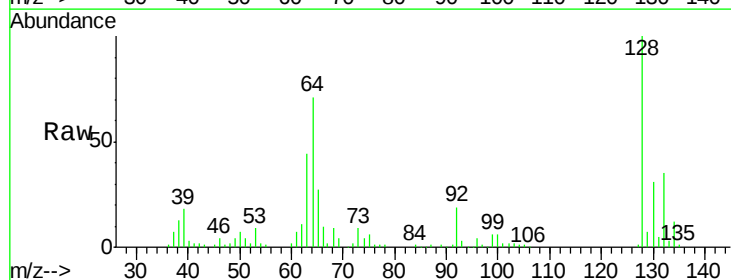
RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	128	Resp:	158031
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.5	52.5
64	71.4	46.8	86.8





#9

Benzaldehyde

Concen: 8.14 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

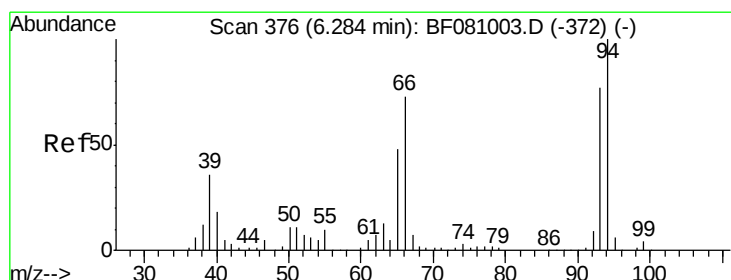
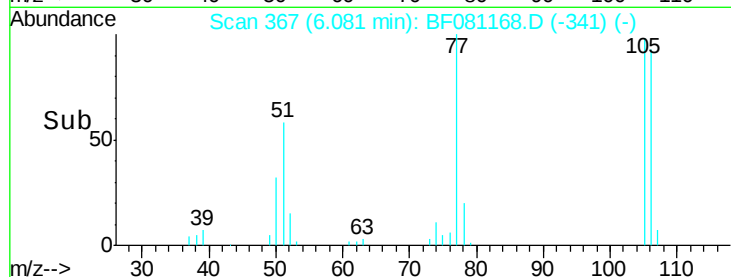
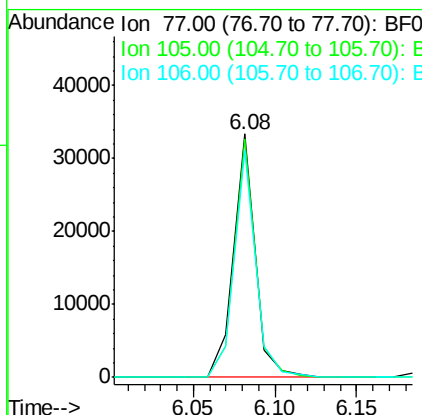
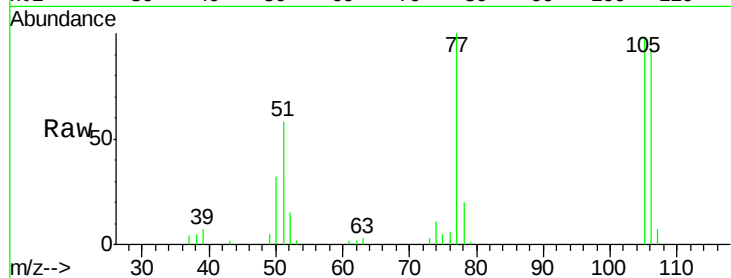
ClientSampleId :

PB84980BS

Manual Integrations
APPROVED

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8/24/2015 7:10:46 PM

Tgt Ion:	77	Resp:	30277
Ion	Ratio	Lower	Upper
77	100		
105	97.9	69.6	109.6
106	93.3	64.0	104.0



#10

Phenol

Concen: 33.51 ng

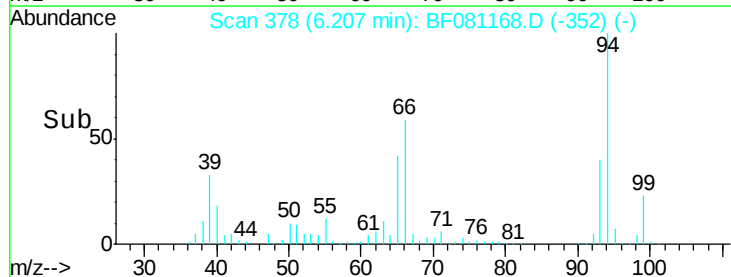
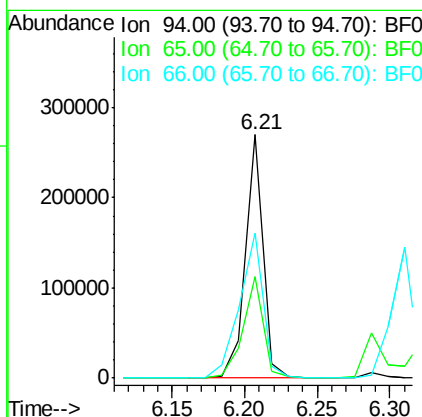
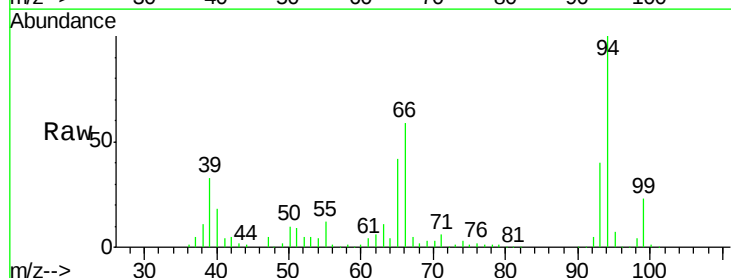
RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	94	Resp:	228317
Ion	Ratio	Lower	Upper
94	100		
65	41.8	28.4	68.4
66	59.5	52.3	92.3





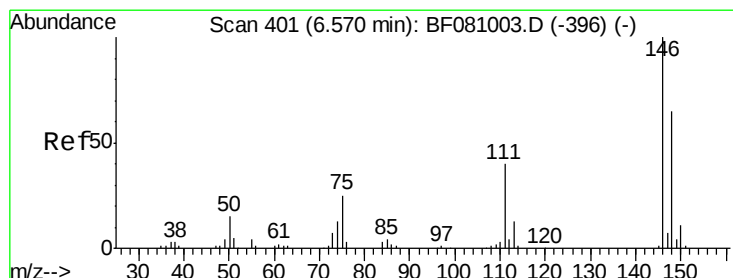
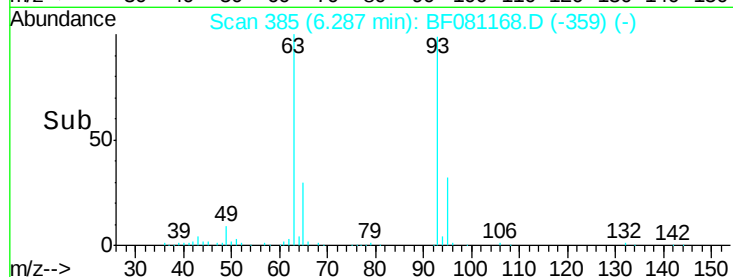
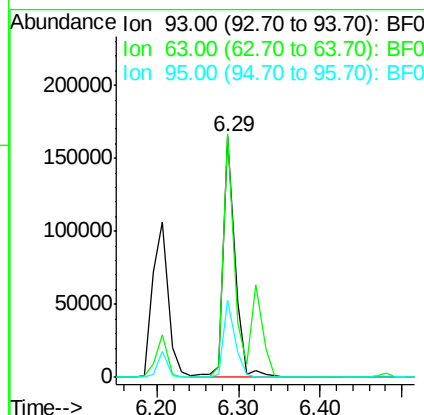
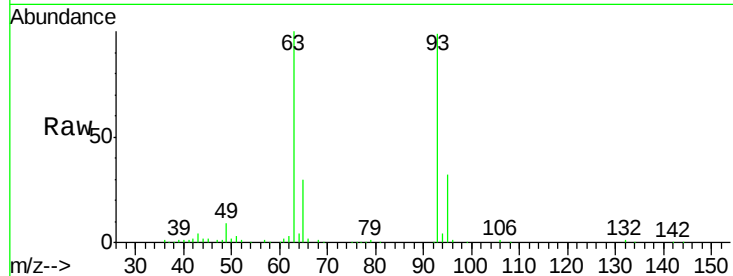
#11
bis(2-Chloroethyl)ether
Concen: 31.32 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	101.2	69.6	109.6
95	32.2	12.3	52.3

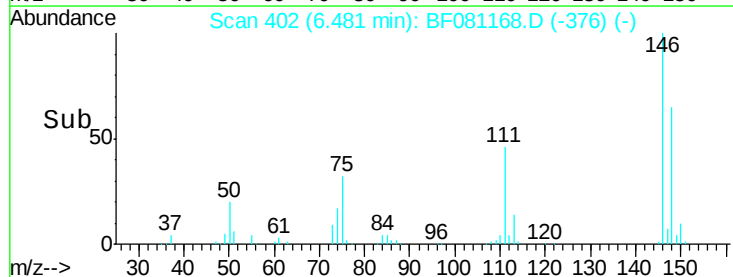
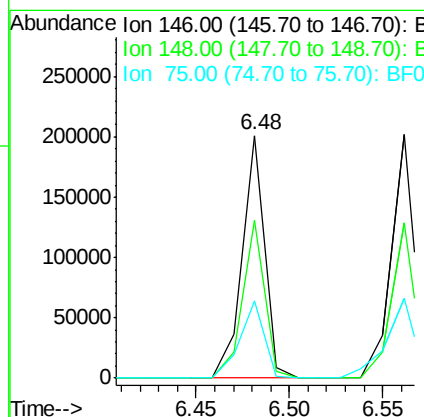
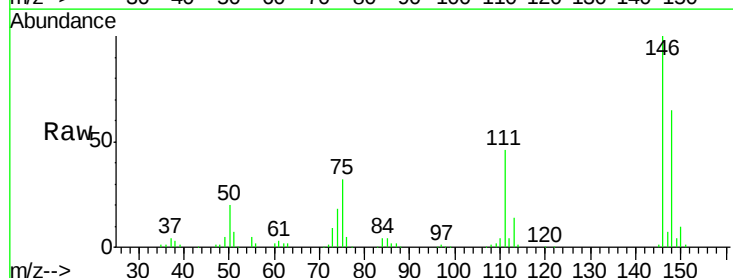
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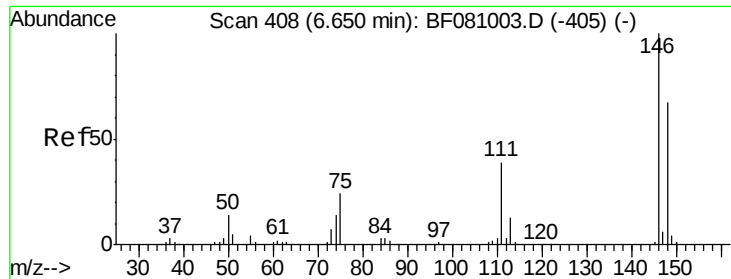
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#12
1,3-Dichlorobenzene
Concen: 32.49 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

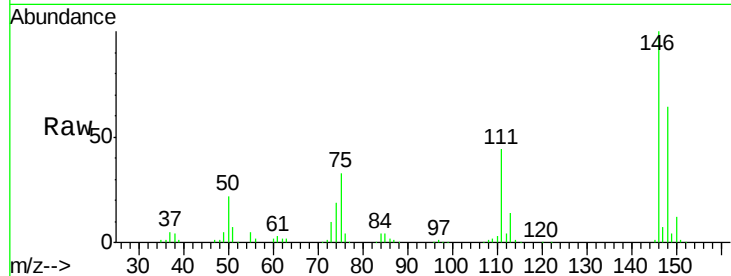
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.3	79.9
75	31.8	25.0	37.6





#13
 1,4-Dichlorobenzene
 Concen: 32.85 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

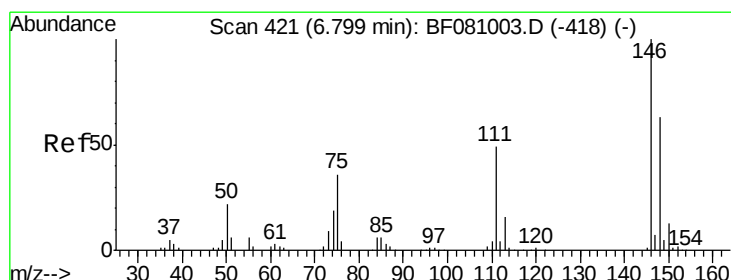
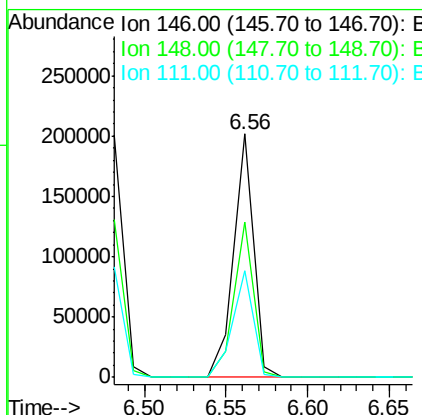
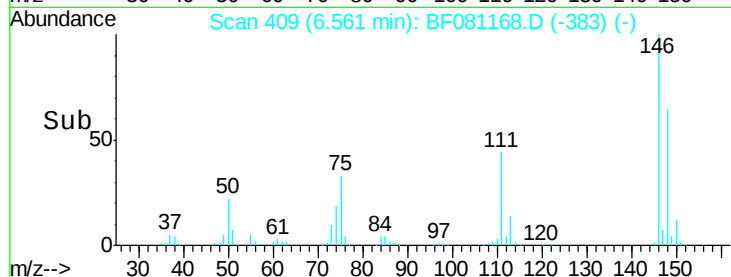
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	43.7	34.4	51.6

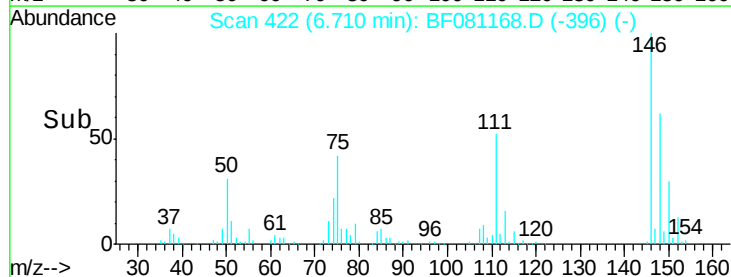
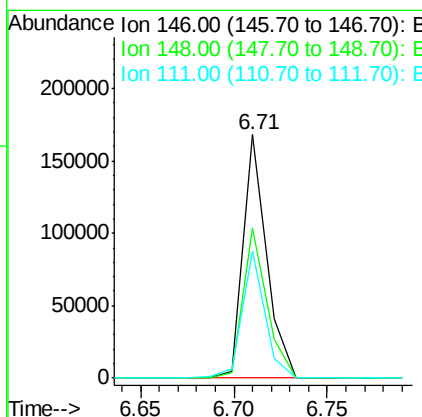
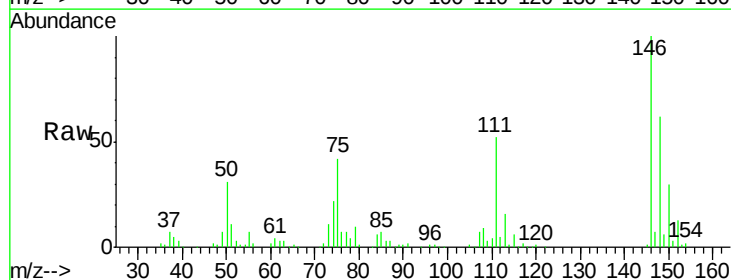
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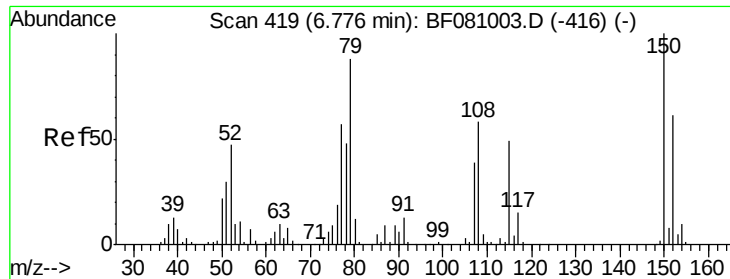
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#14
 1,2-Dichlorobenzene
 Concen: 30.53 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	48.7	73.1
111	52.2	42.3	63.5





#15

Benzyl Alcohol

Concen: 32.60 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

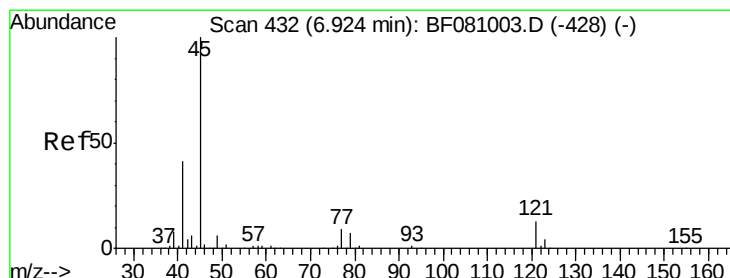
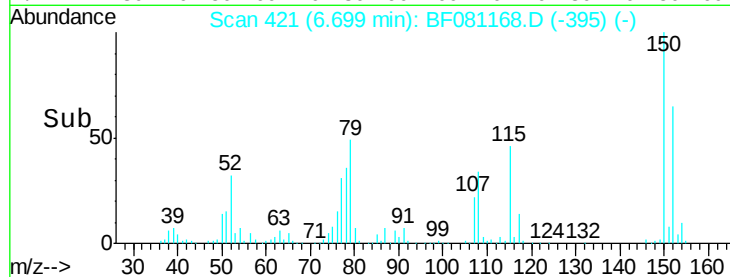
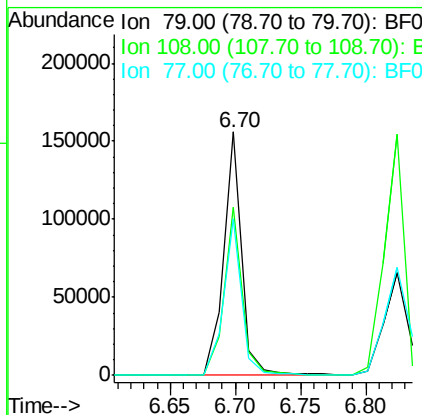
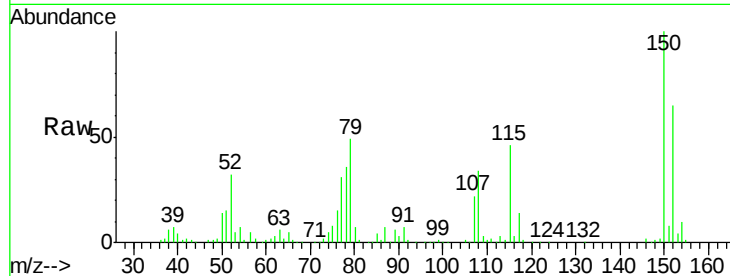
ClientSampled :

PB84980BS

Tgt Ion:	79	Resp:	152176
Ion Ratio	Lower	Upper	
79	100		
108	68.8	49.4	74.2
77	64.1	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.70 ng

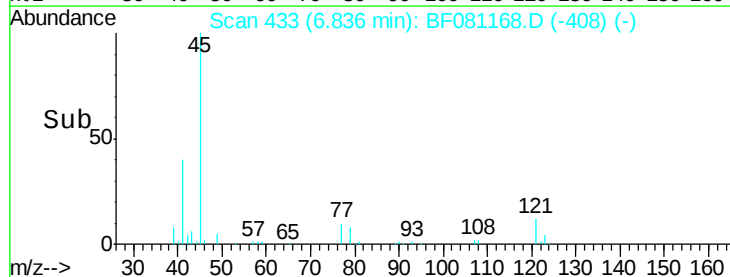
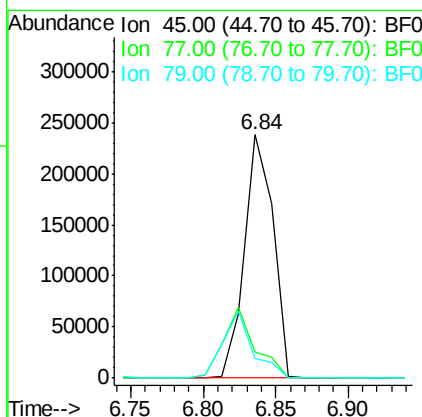
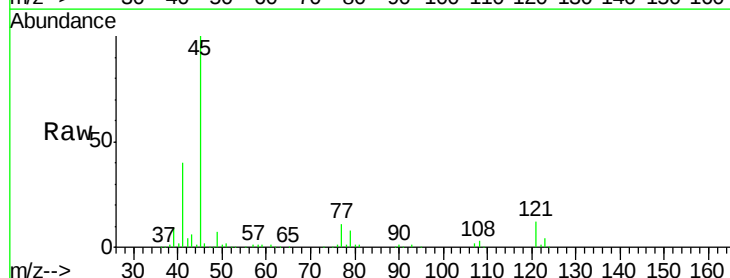
RT: 6.84 min Scan# 433

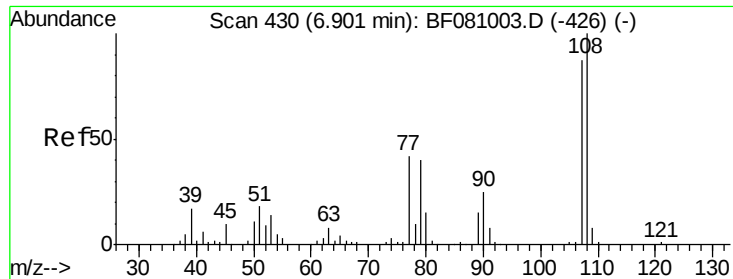
Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	45	Resp:	325705
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.2
79	8.2	0.0	28.0





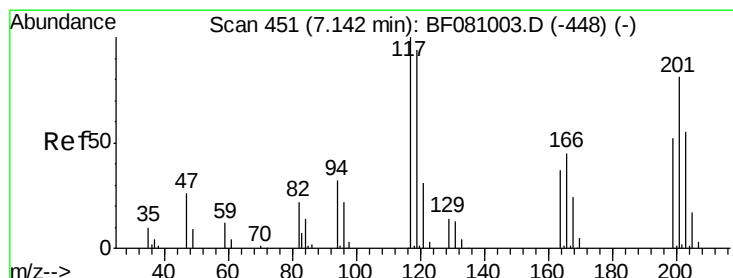
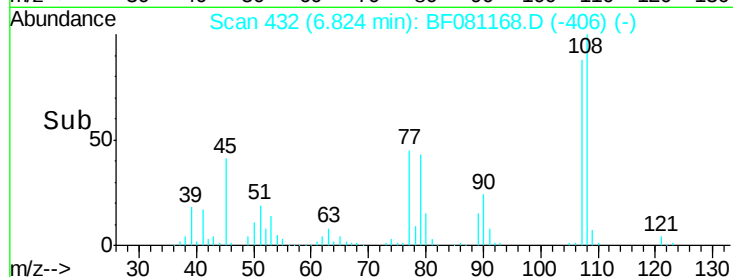
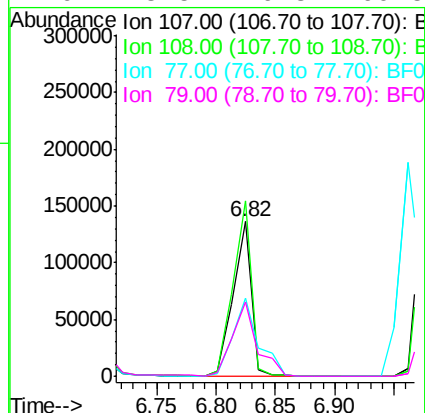
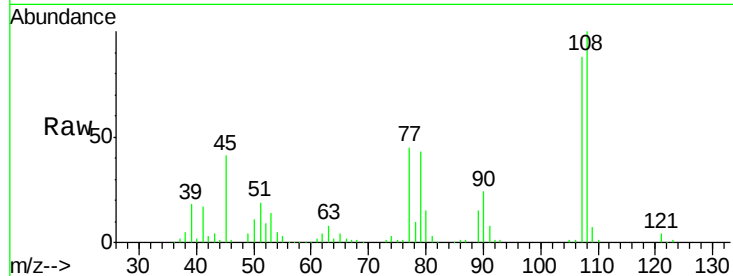
#17
2-Methylphenol
Concen: 34.76 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:	107	Resp:	144374
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.4	135.6
77	50.8	46.5	69.7
79	48.5	46.3	69.5

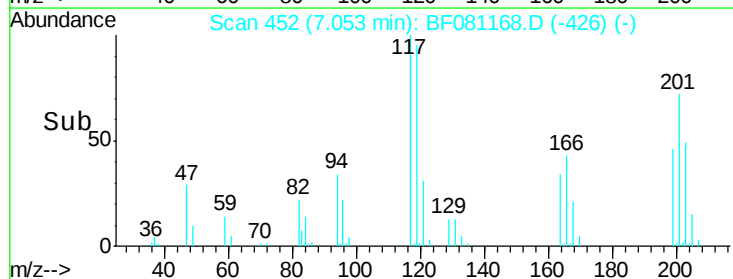
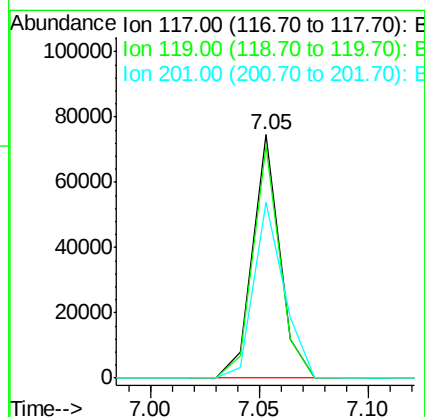
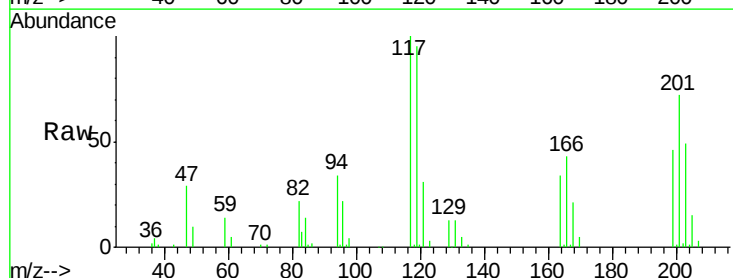
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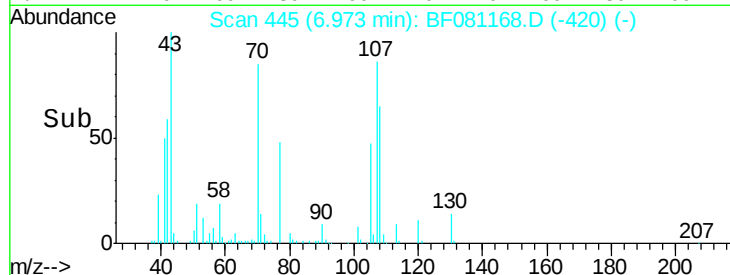
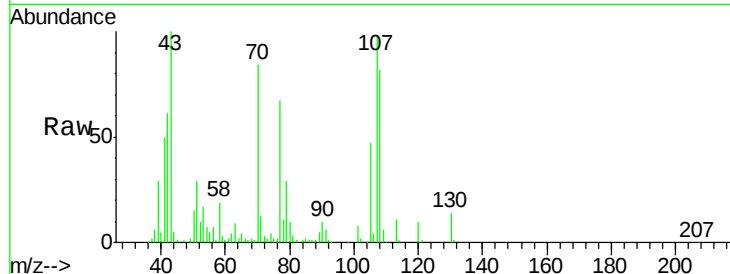
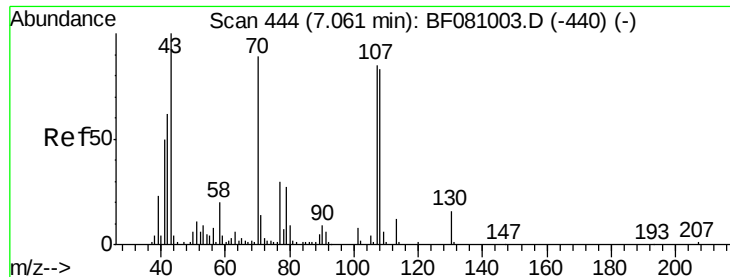
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#18
Hexachloroethane
Concen: 31.19 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion:	117	Resp:	64896
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.9	116.9
201	72.0	61.3	91.9





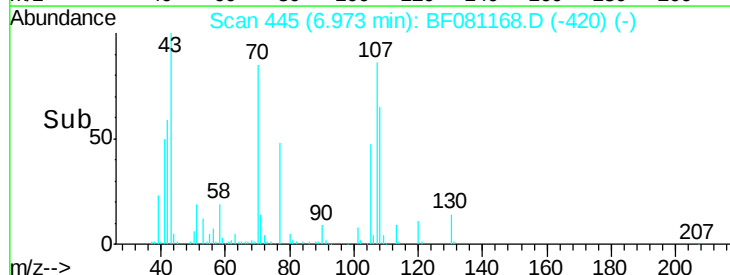
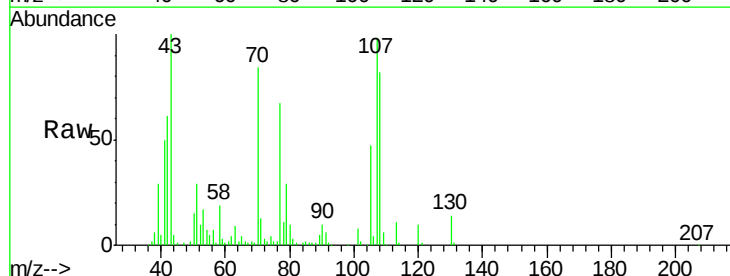
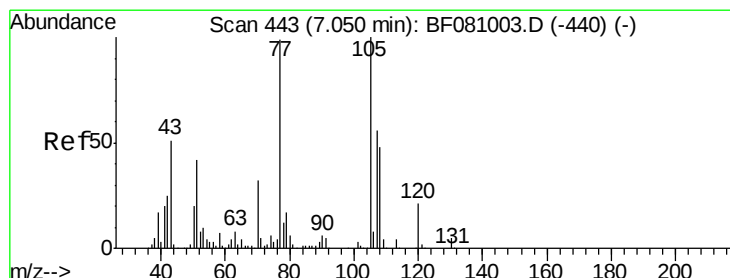
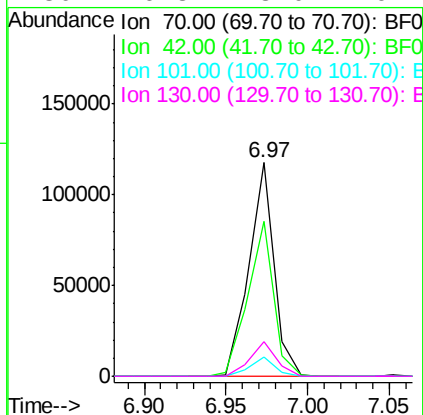
#19
n-Nitroso-di-n-propylamine
Concen: 31.53 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

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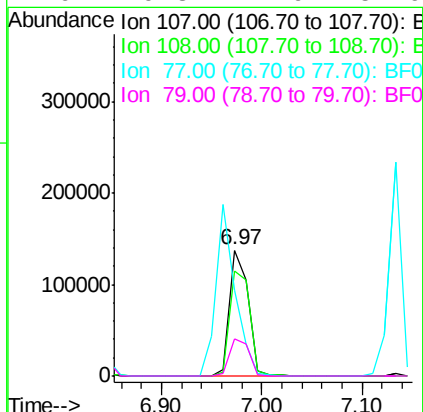
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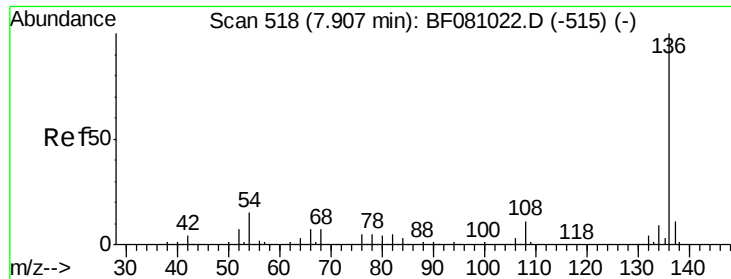
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	72.4	65.0	97.4	
101	8.9	7.4	11.2	
130	16.3	13.0	19.4	



#20
3+4-Methylphenols
Concen: 33.54 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	84.0	66.1	106.1	
77	68.3	139.3	179.3	
79	29.3	11.9	51.9	





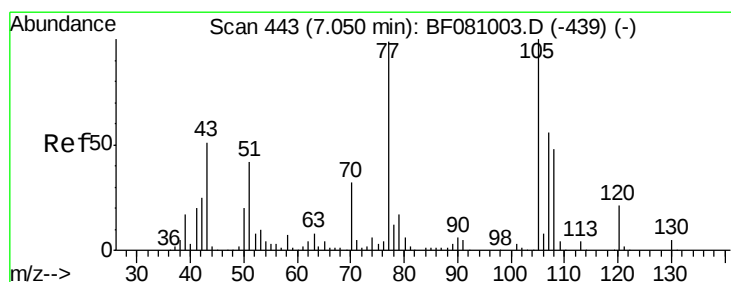
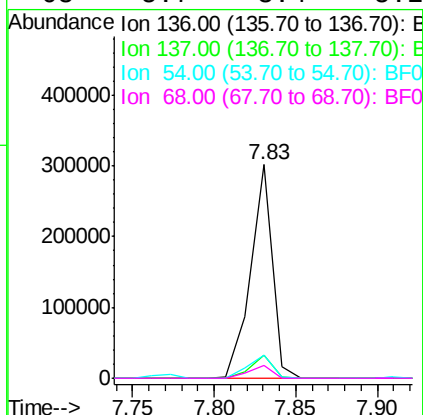
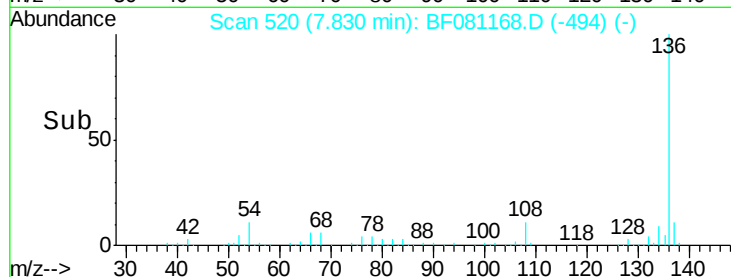
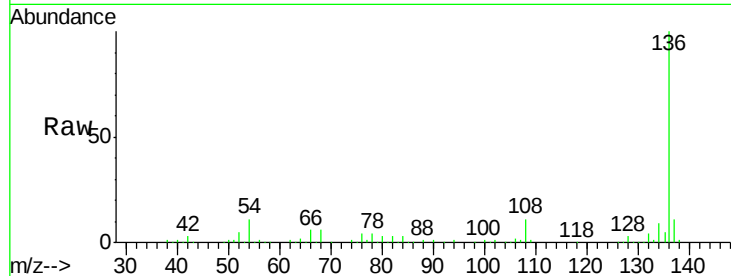
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	280560		
137	10.7	8.2	12.2	
54	10.6	7.7	11.5	
68	5.7	3.4	5.2#	

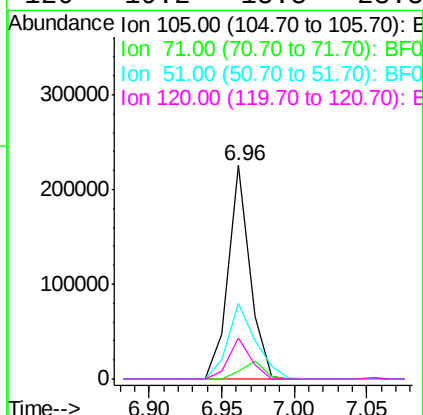
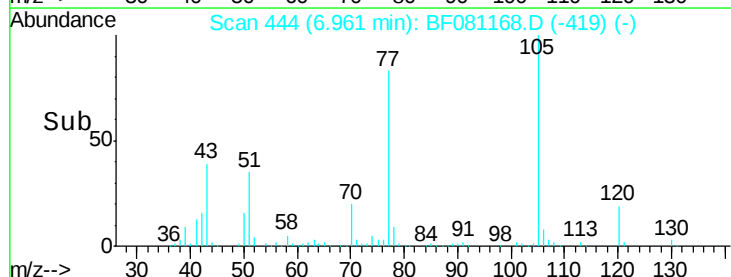
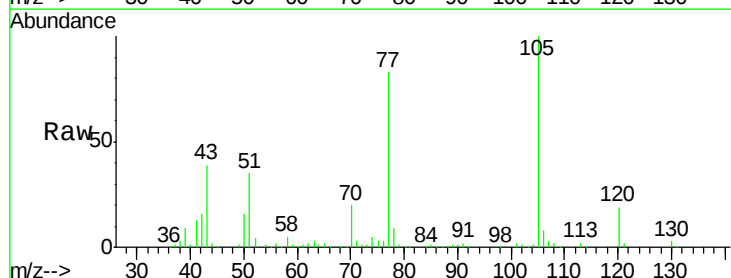
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#22
Acetophenone
Concen: 31.84 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234526		
71	3.4	3.0	4.6	
51	35.4	39.8	59.8#	
120	19.2	15.8	23.8	





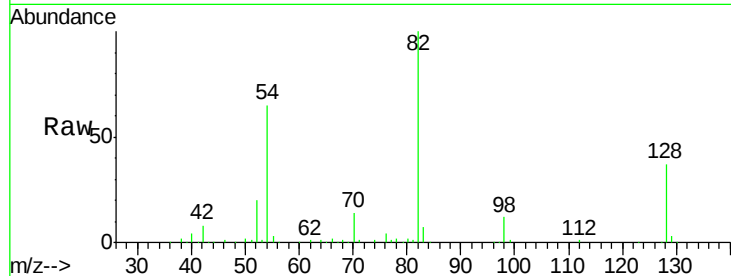
#23
 Nitrobenzene-d5
 Concen: 62.27 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

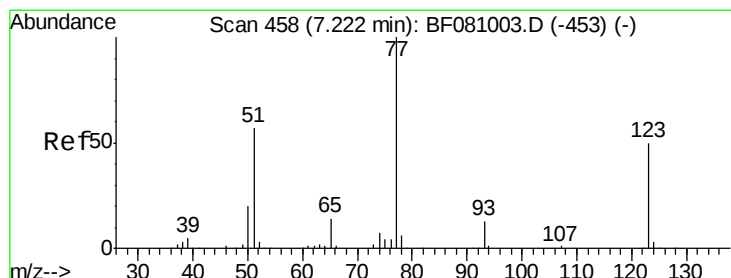
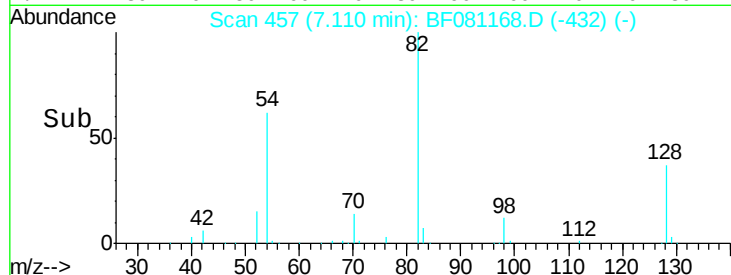
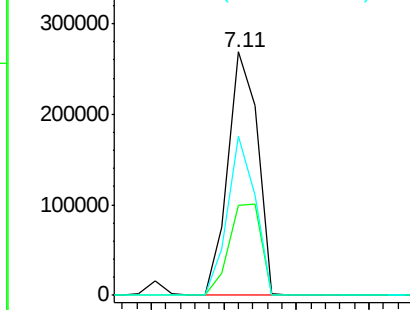
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	382448		
128	36.9	28.6	42.8	
54	65.2	55.1	82.7	

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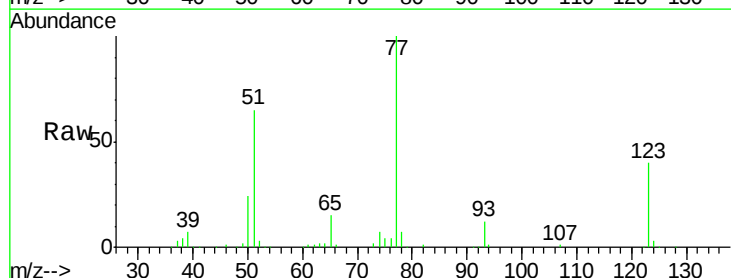


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

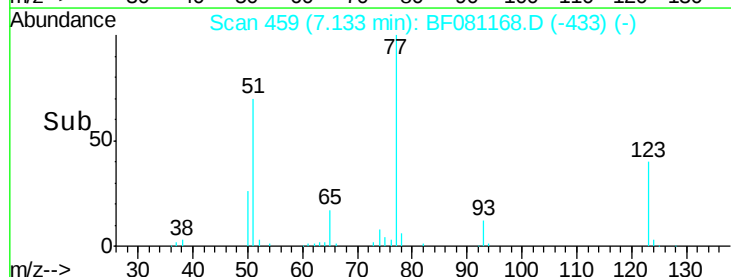
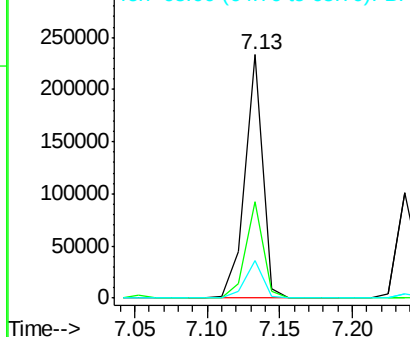


#24
 Nitrobenzene
 Concen: 31.14 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	199956		
123	39.6	32.9	49.3	
65	15.4	12.5	18.7	



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: 29.32 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

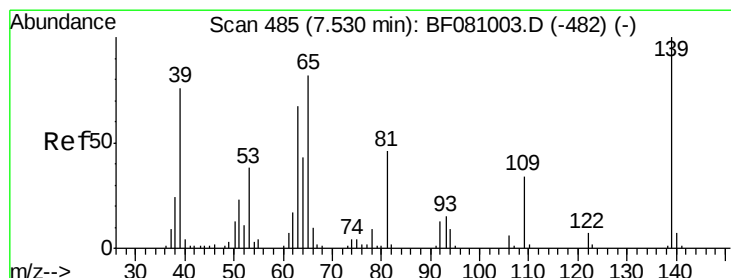
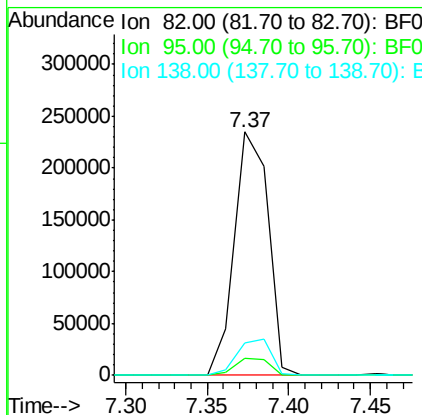
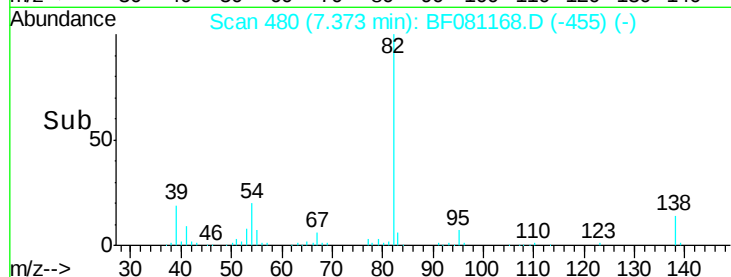
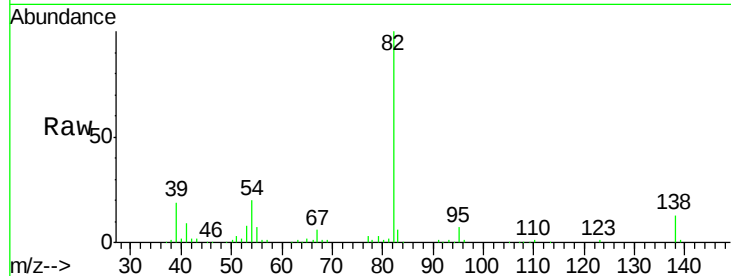
ClientSampleId :

PB84980BS

Tgt Ion:	82	Resp:	335805
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.2	9.2
138	13.5	10.5	15.7

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#26

2-Nitrophenol

Concen: 33.84 ng

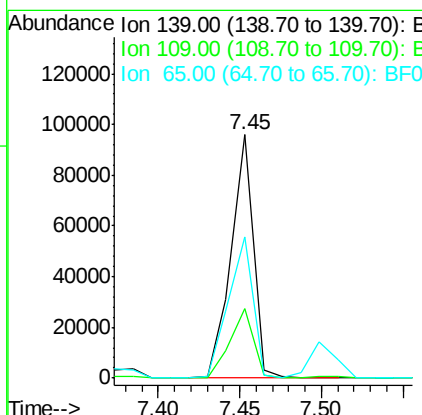
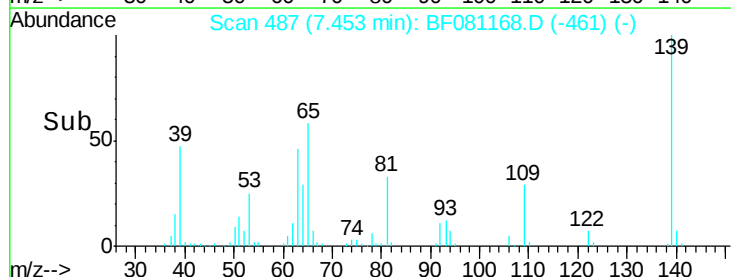
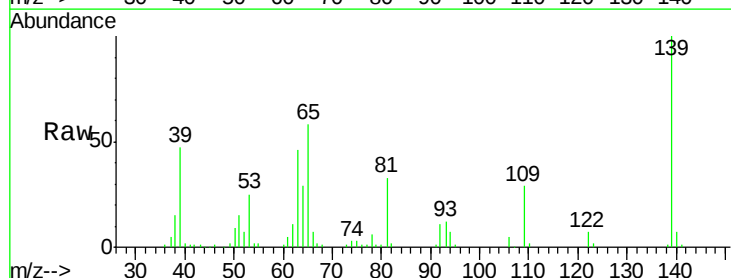
RT: 7.45 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	139	Resp:	90378
Ion Ratio	Lower	Upper	
139	100		
109	28.7	32.1	48.1#
65	58.1	69.9	104.9#





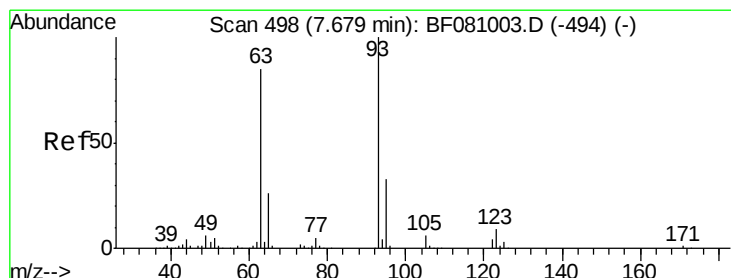
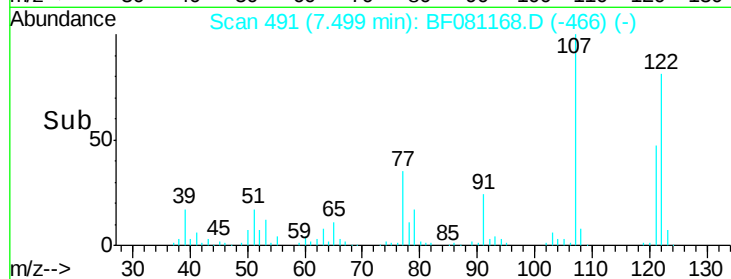
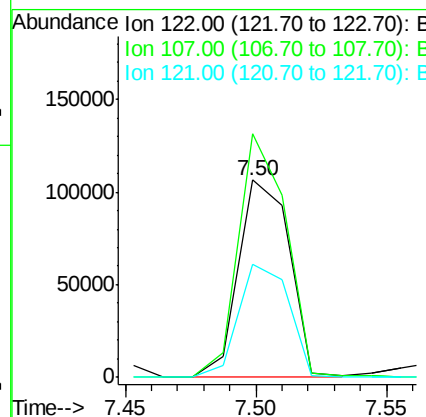
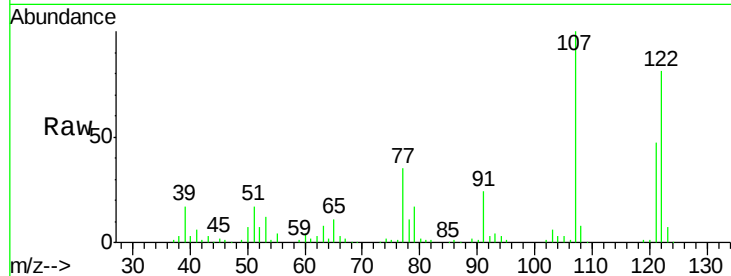
#27
 2,4-Dimethylphenol
 Concen: 30.97 ng
 RT: 7.50 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	146302		
107	123.4	103.8	155.6	
121	57.4	47.0	70.4	

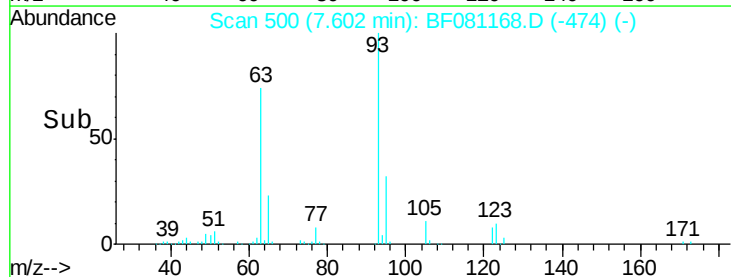
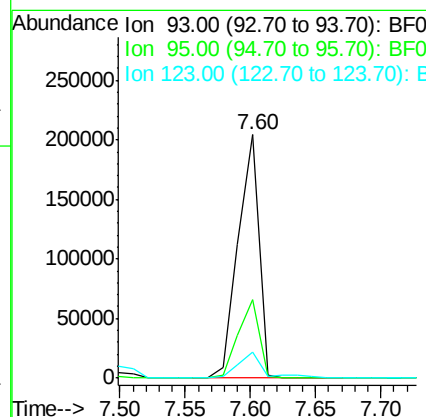
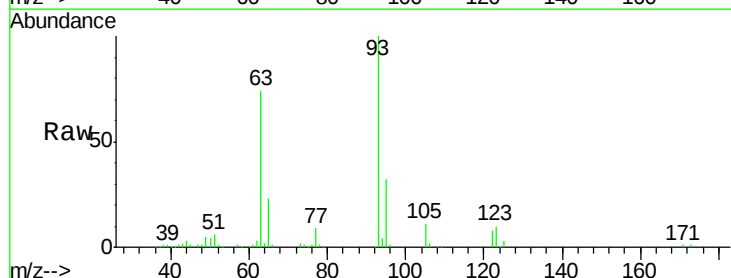
Manual Integrations
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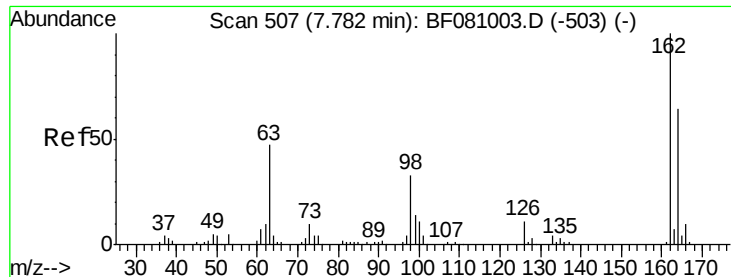
MMDadoda
 8/24/2015 7:10:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.43 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	226166		
95	32.5	25.8	38.8	
123	10.4	7.4	11.0	





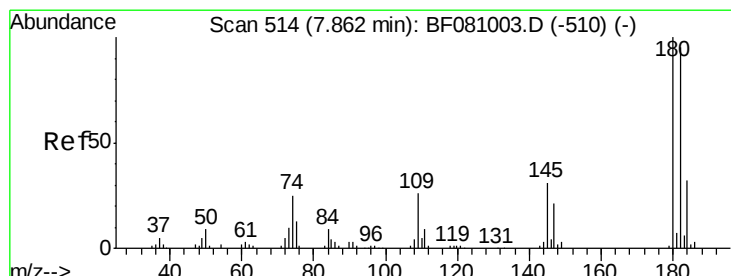
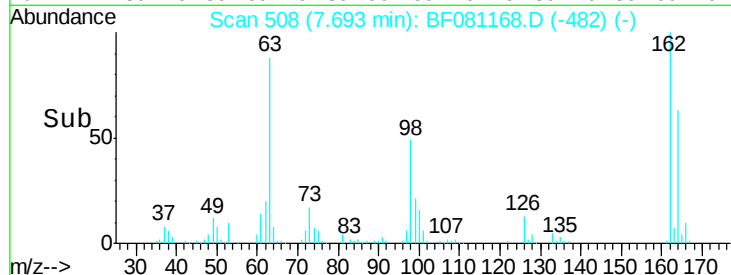
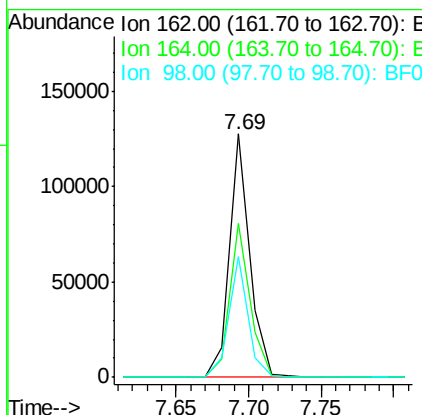
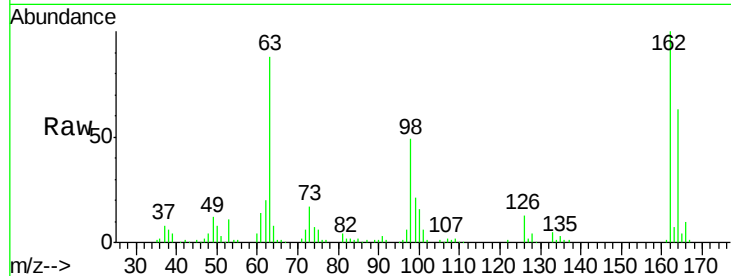
#29
2,4-Dichlorophenol
Concen: 31.23 ng
RT: 7.69 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	124201		
164	63.2	43.2	83.2	
98	49.4	12.3	52.3	

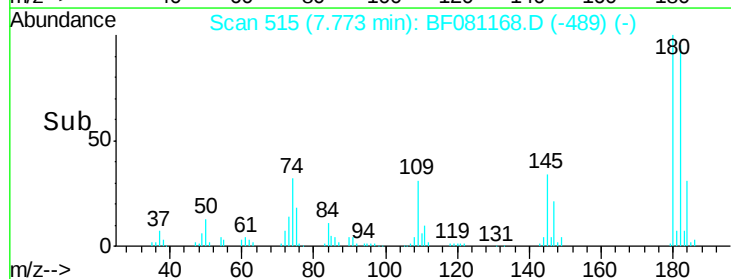
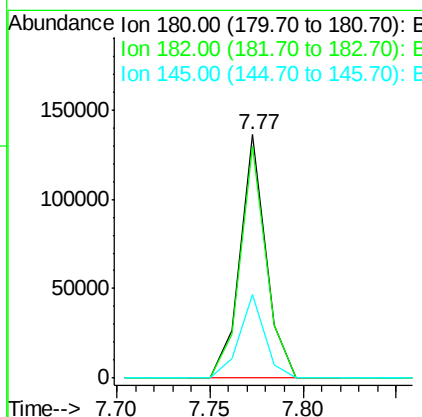
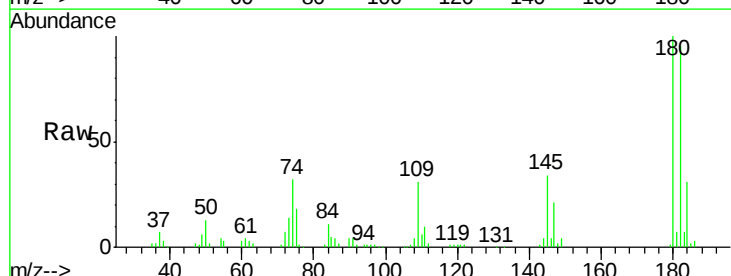
Manual Integrations
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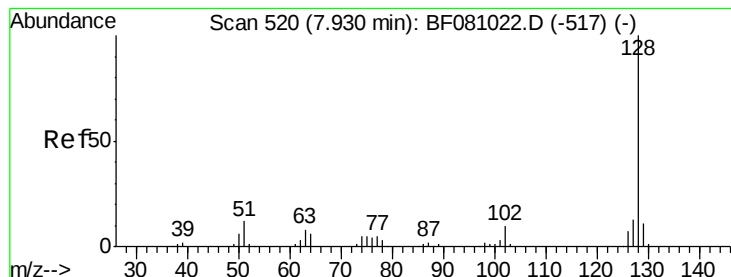
MMDadoda
8/24/2015 7:10:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 29.89 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132126		
182	95.5	76.4	114.6	
145	34.4	25.4	38.2	





#31

Naphthalene

Concen: 31.62 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081168.D

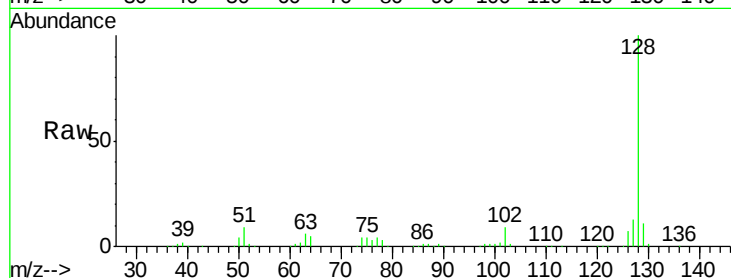
Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

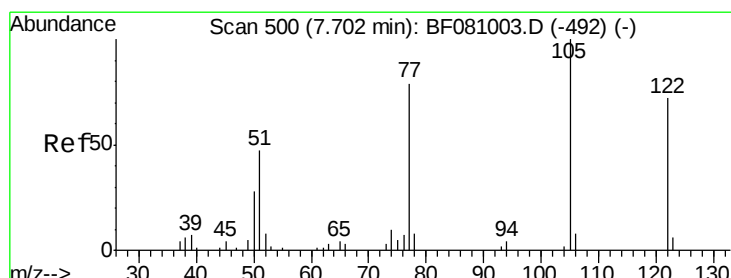
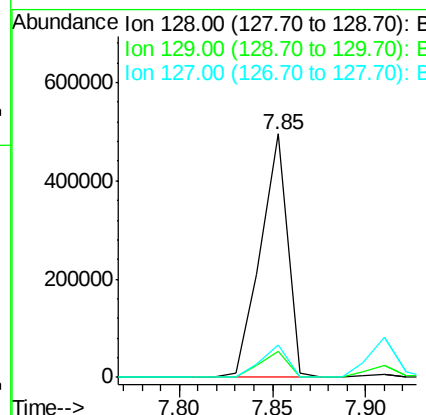
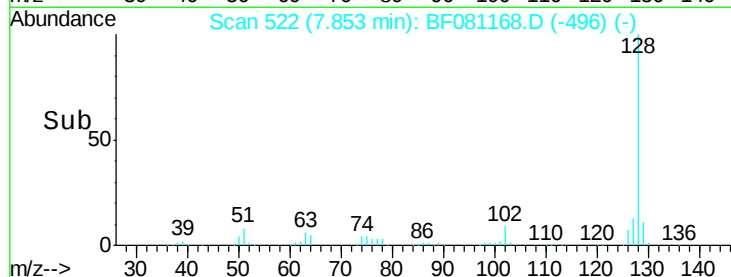
PB84980BS



Tgt Ion:	128	Resp:	494505
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.4	12.6
127	13.1	10.6	16.0

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#32

Benzoic acid

Concen: 39.80 ng

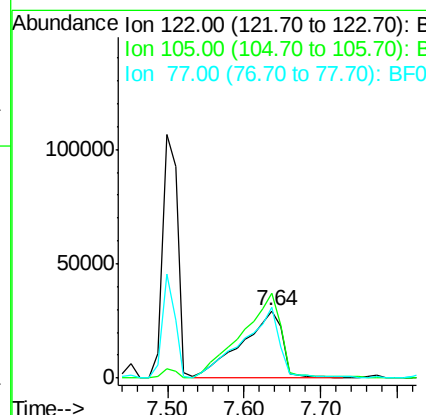
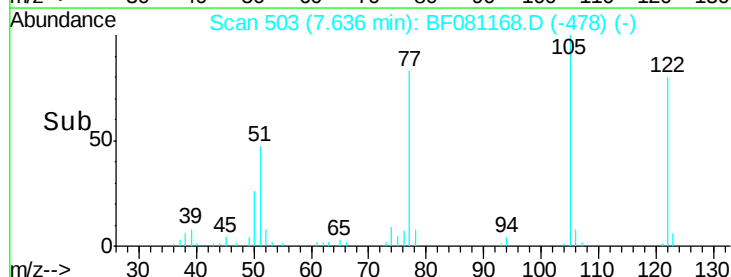
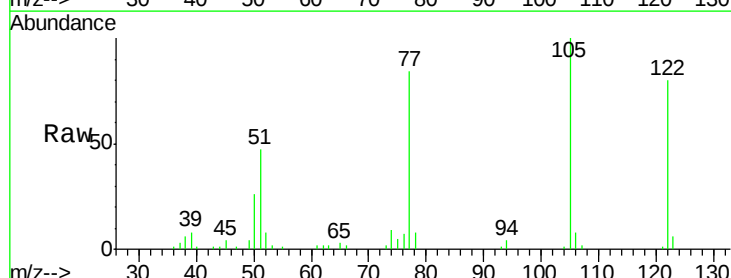
RT: 7.64 min Scan# 503

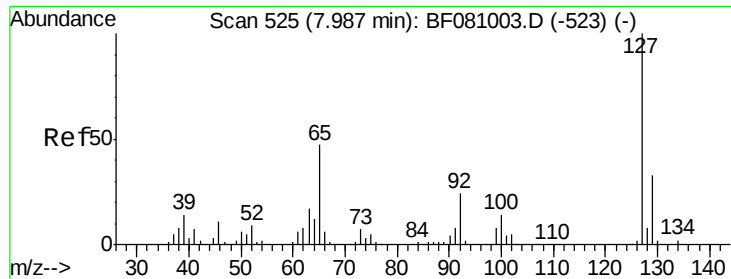
Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	122	Resp:	105755
Ion Ratio	Lower	Upper	
122	100		
105	124.8	113.8	153.8
77	105.1	93.8	133.8





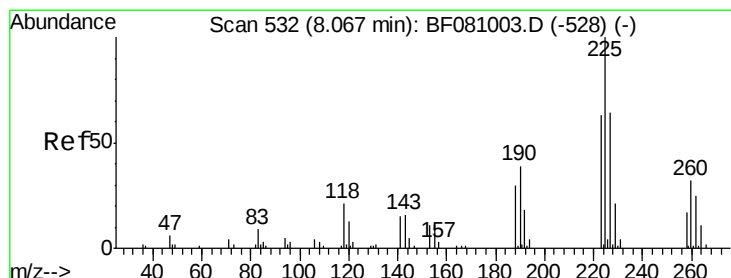
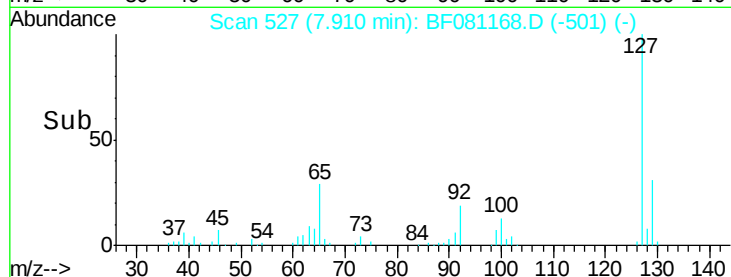
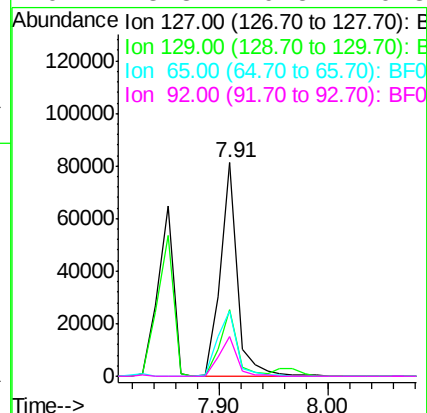
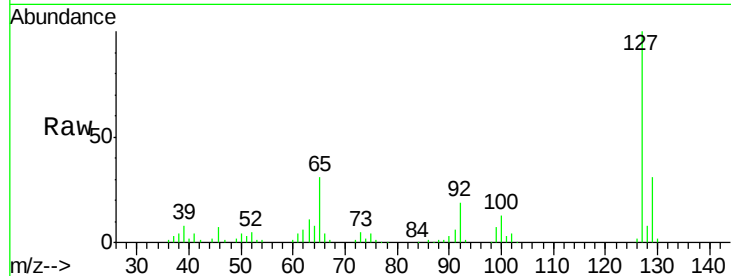
#33
4-Chloroaniline
Concen: 13.63 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89935		
129	31.2	25.2	37.8	
65	30.6	37.8	56.6	
92	18.8	19.5	29.3	

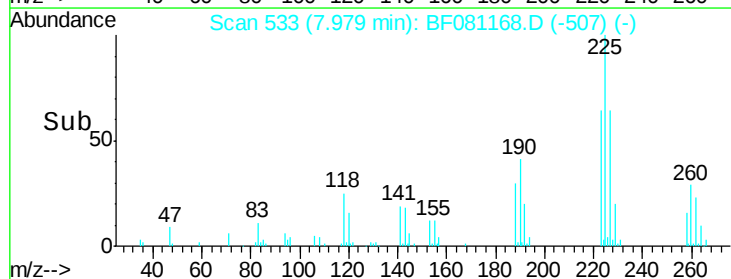
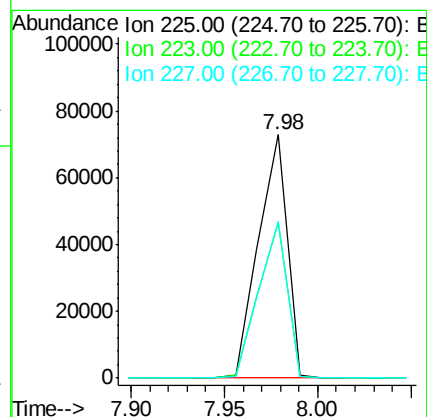
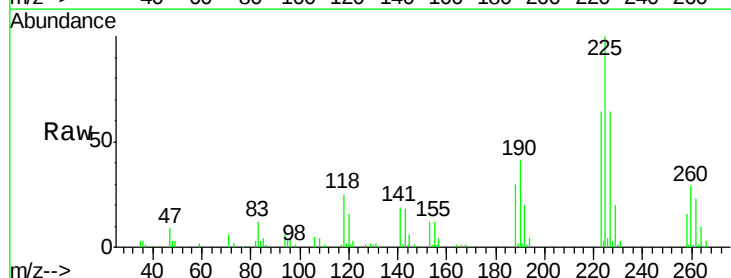
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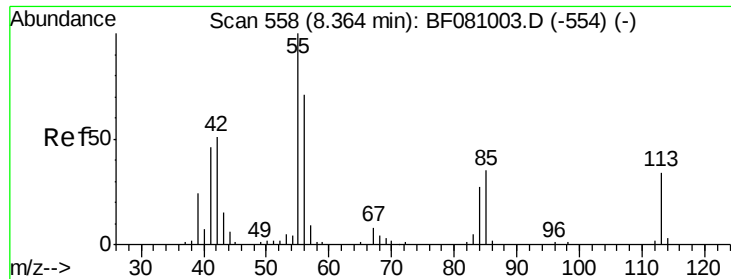
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#34
Hexachlorobutadiene
Concen: 31.12 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77795		
223	63.7	52.6	79.0	
227	64.4	51.1	76.7	





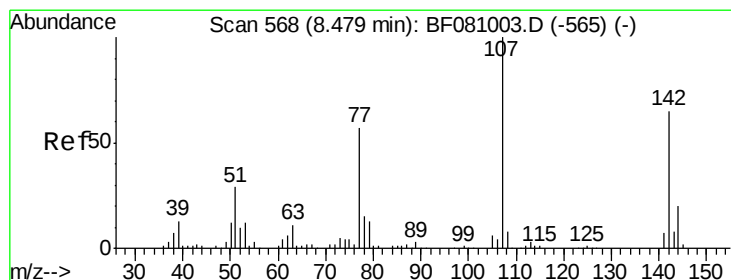
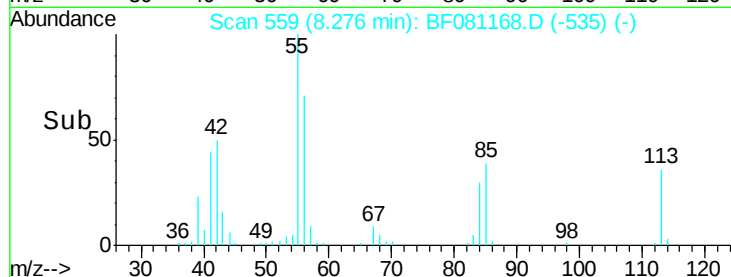
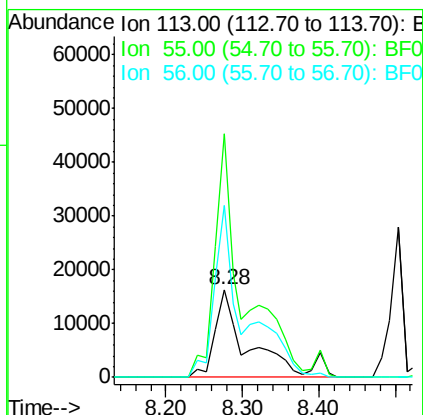
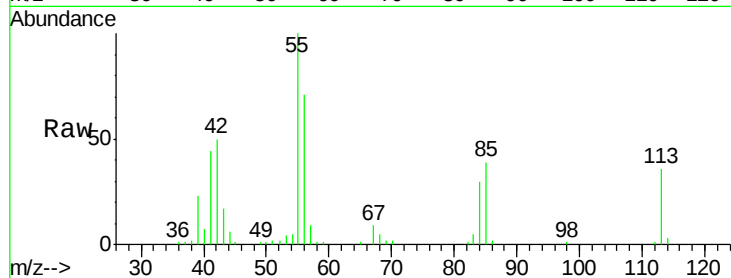
#35
 Caprolactam
 Concen: 35.98 ng m
 RT: 8.28 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	278.4	280.4	320.4#
56	196.7	205.9	245.9#

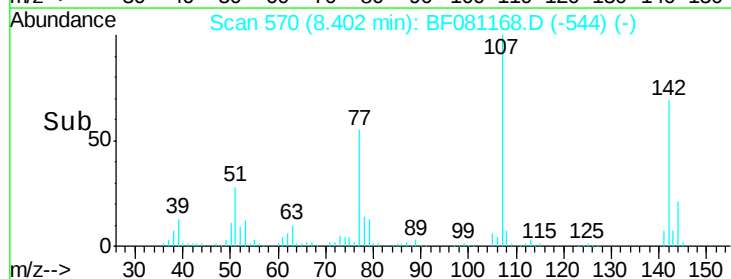
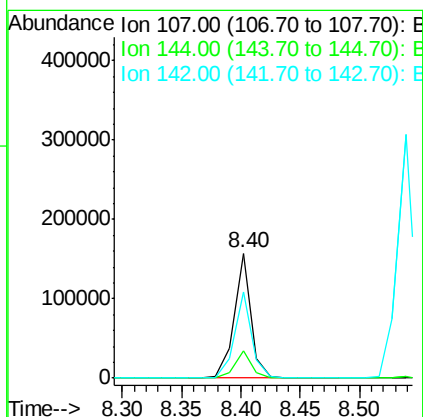
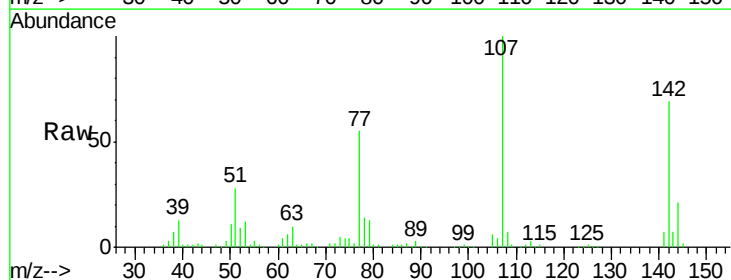
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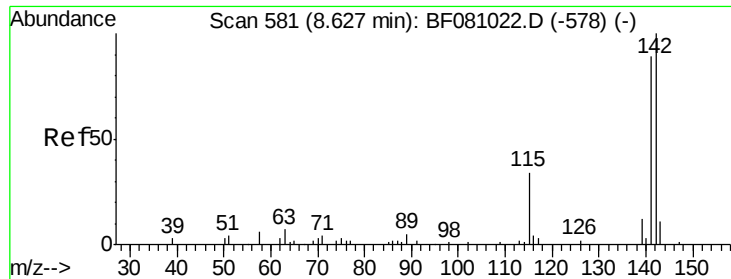
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#36
 4-Chloro-3-methylphenol
 Concen: 32.69 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

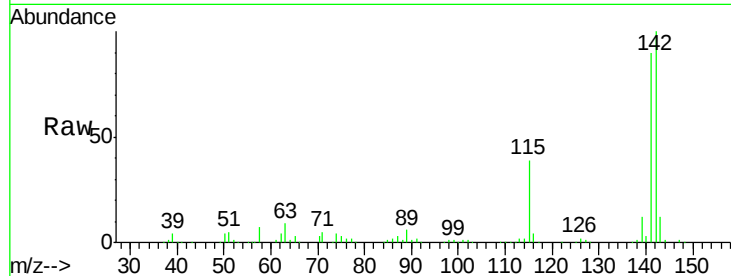
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	17.2	25.8
142	68.8	54.9	82.3





#37
 2-Methylnaphthalene
 Concen: 30.21 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

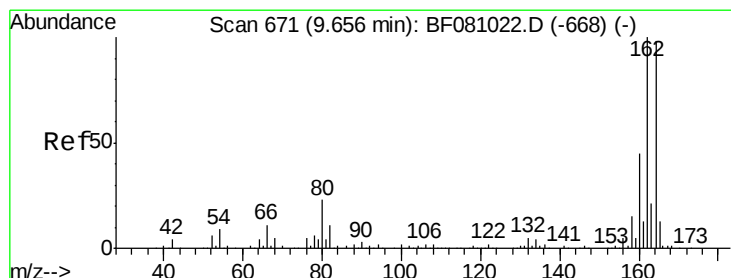
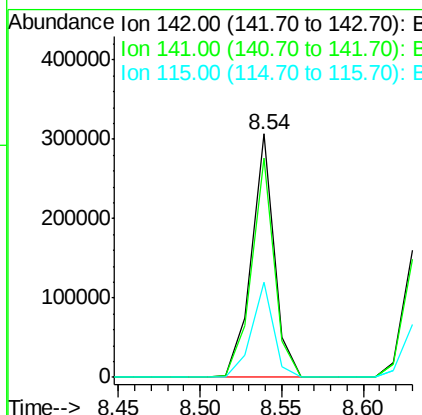
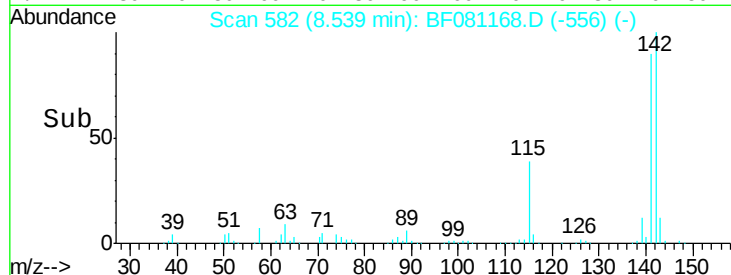
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



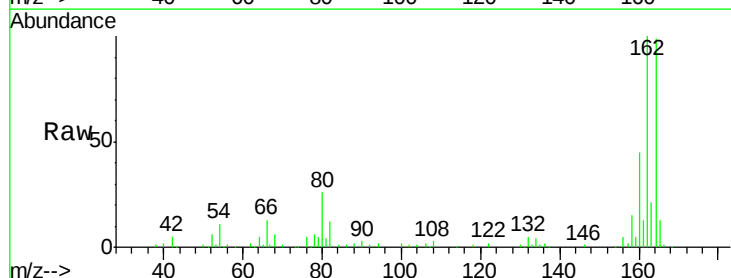
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	90.2	71.4	107.2
115	39.2	33.4	50.0

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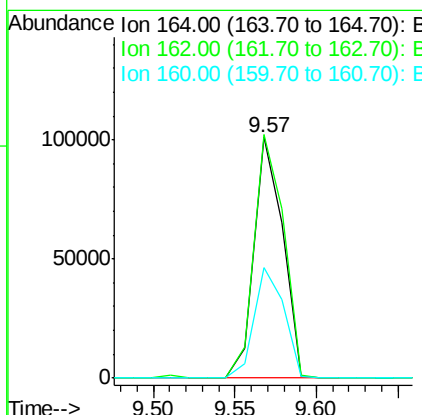
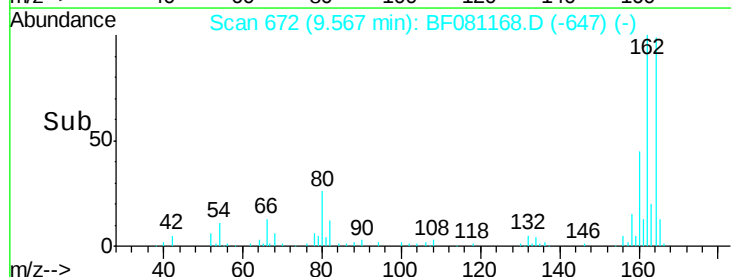
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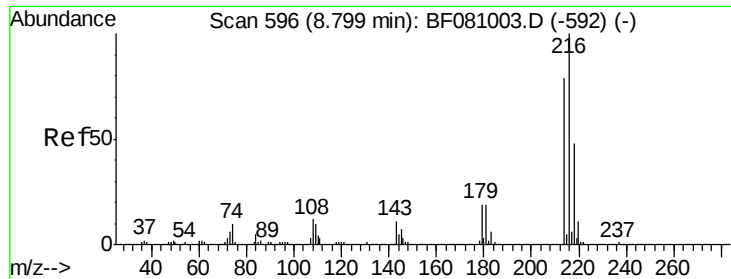


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21



Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.2	83.8	125.8
160	45.8	39.8	59.8





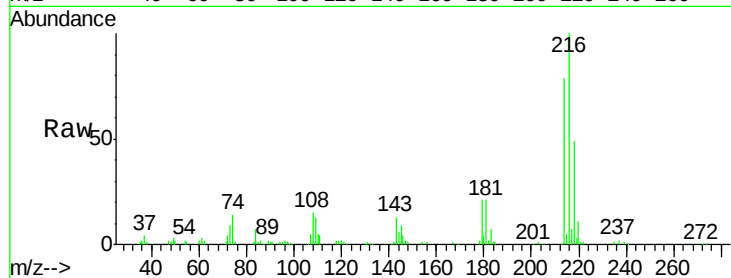
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.67 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

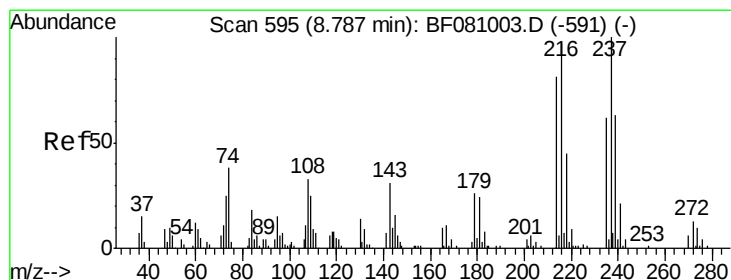
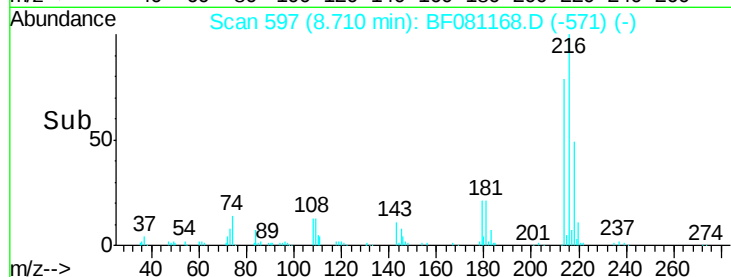
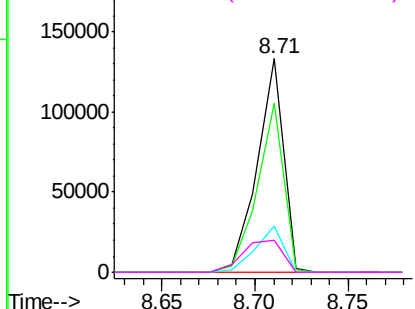
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	129896		
214	79.1	63.8	95.8	
179	22.9	17.8	26.8	
108	22.7	16.2	24.2	

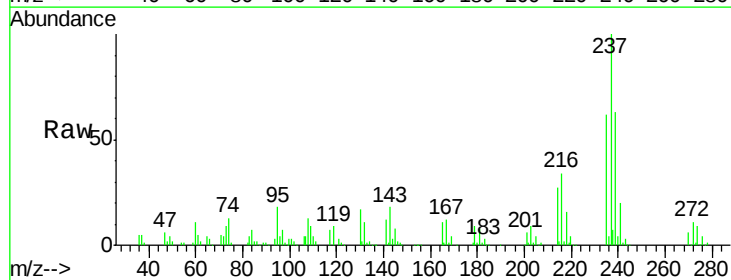


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

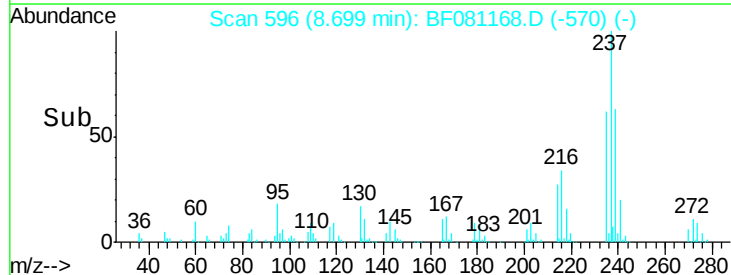
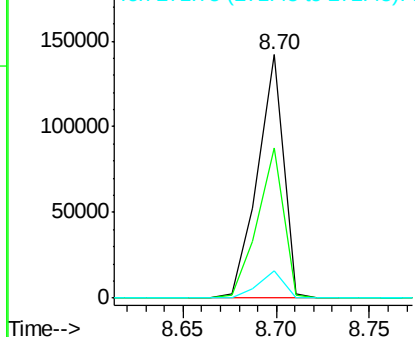


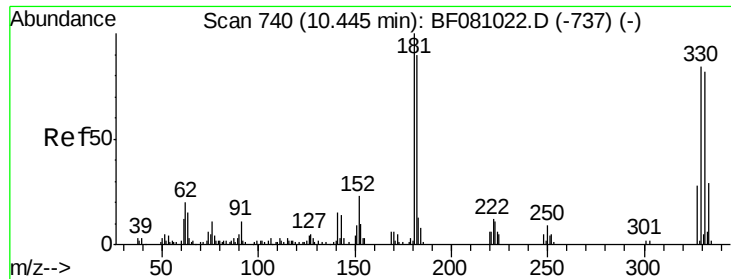
#40
 Hexachlorocyclopentadiene
 Concen: 66.59 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	137052		
235	61.5	43.6	83.6	
272	11.4	0.0	32.2	



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





#41

2,4,6-Tribromophenol

Concen: 93.48 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081168.D

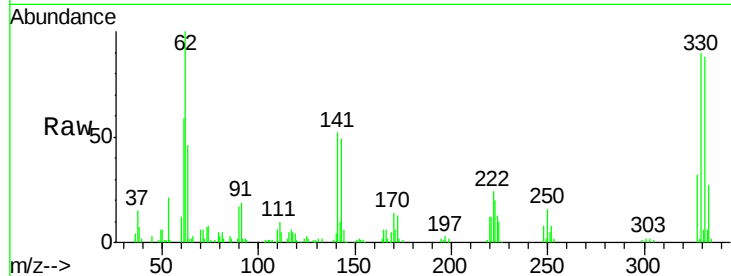
Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampled :

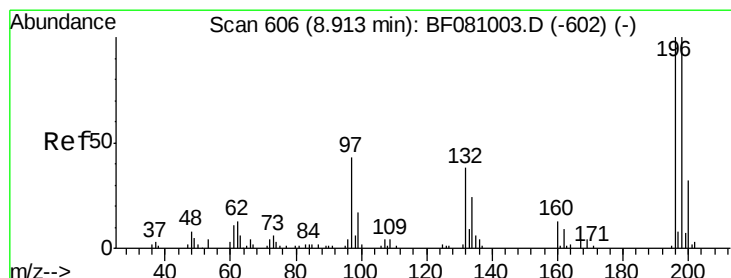
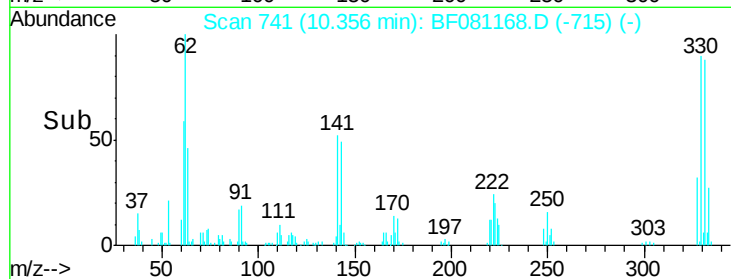
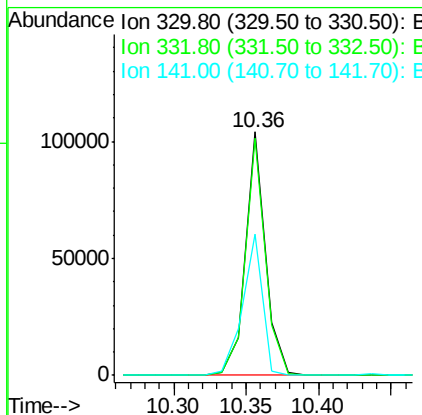
PB84980BS



Tgt Ion:	330	Resp:	99868
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.3	115.9
141	57.1	44.9	67.3

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#42

2,4,6-Trichlorophenol

Concen: 35.35 ng

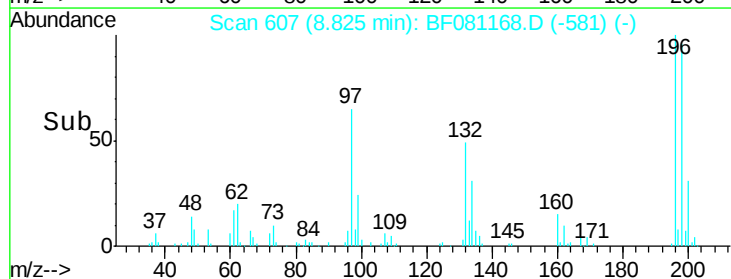
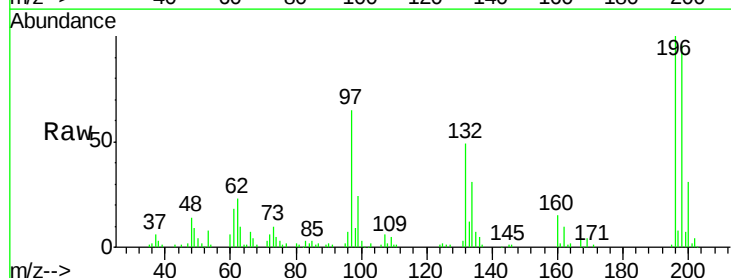
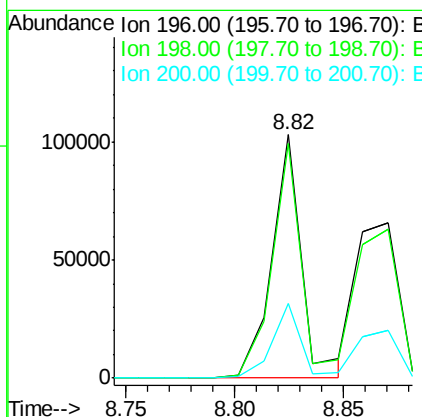
RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

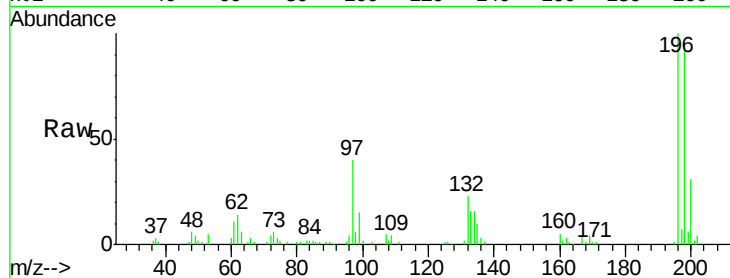
Tgt Ion:	196	Resp:	99309
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.6	111.8
200	30.5	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 32.25 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

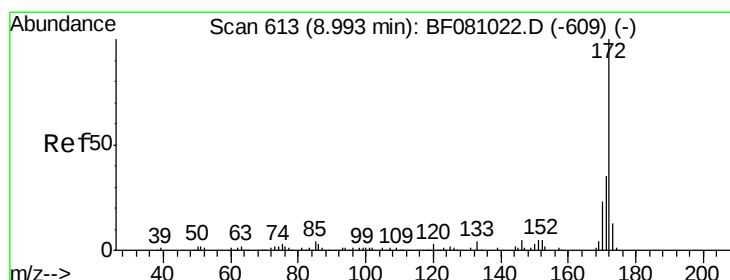
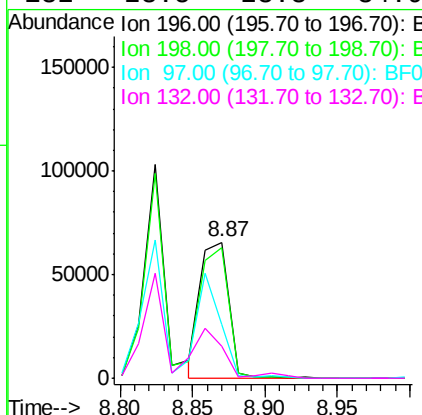
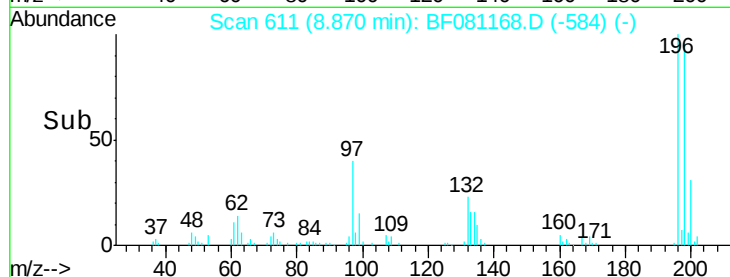
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90560		
198	95.8	78.3	117.5	
97	39.7	42.7	64.1#	
132	23.5	23.3	34.9	

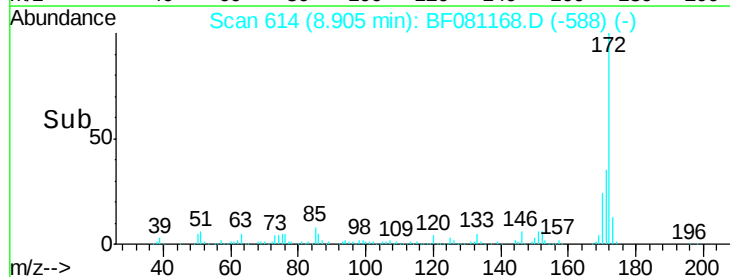
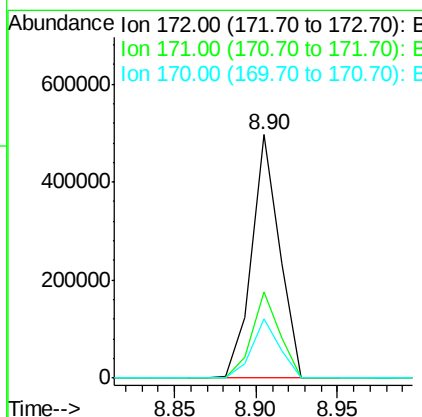
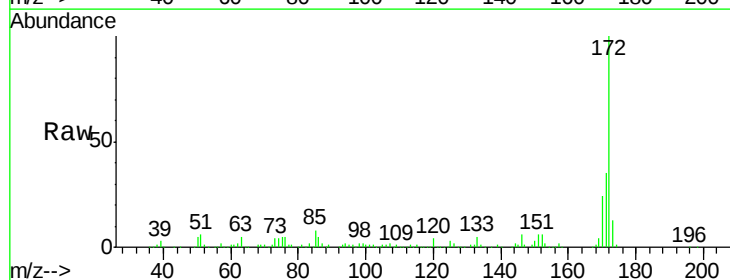
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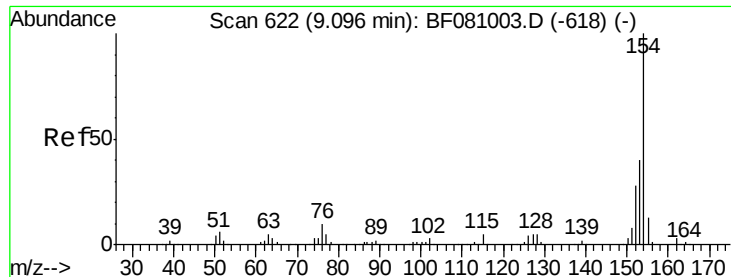
MMDadoda
 8/24/2015 7:10:46 PM



#44
 2-Fluorobiphenyl
 Concen: 62.77 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	590444		
171	35.3	28.9	43.3	
170	24.1	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 36.29 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

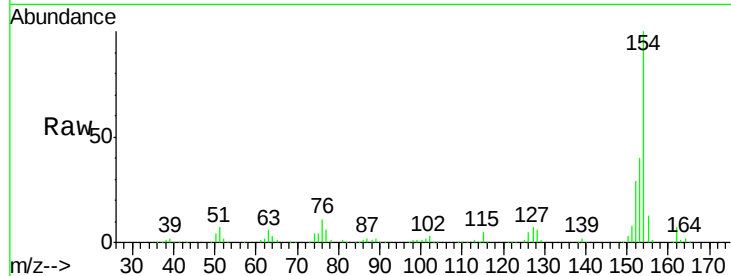
ClientSampleId :

PB84980BS

Tgt Ion:	154	Resp:	393916
Ion Ratio	Lower	Upper	
154	100		
153	40.0	19.5	59.5
76	10.9	0.0	29.3

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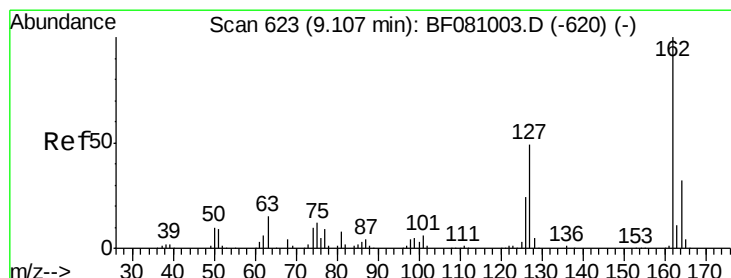
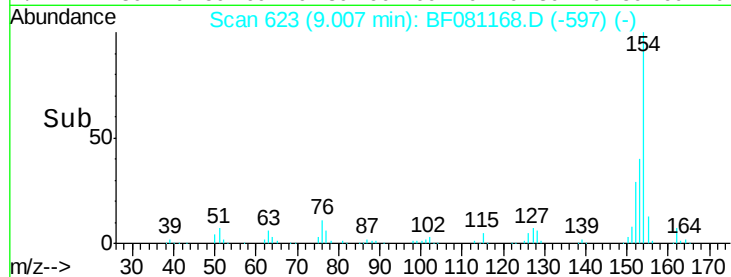
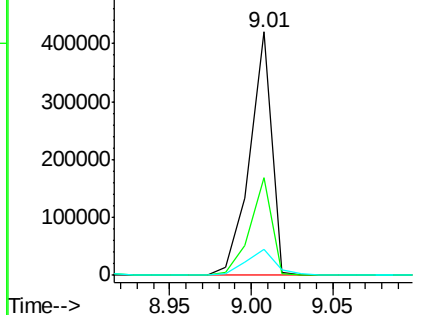
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 30.34 ng

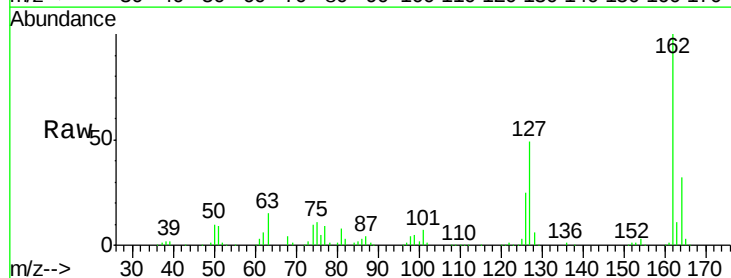
RT: 9.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

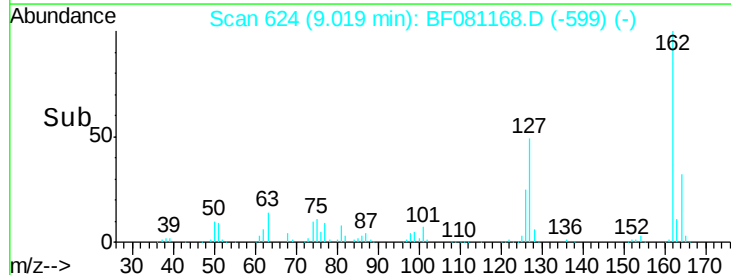
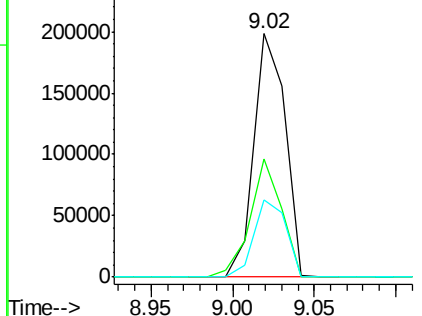
Tgt Ion:	162	Resp:	264638
Ion Ratio	Lower	Upper	
162	100		
127	48.6	31.3	46.9#
164	32.0	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.09 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

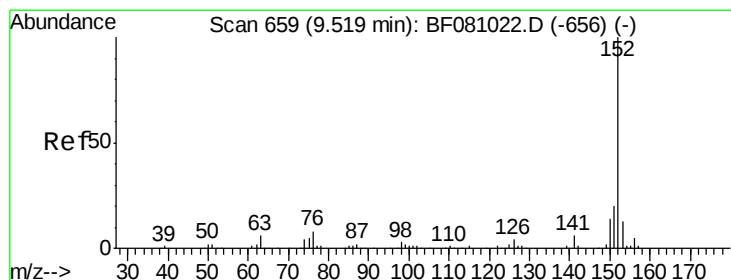
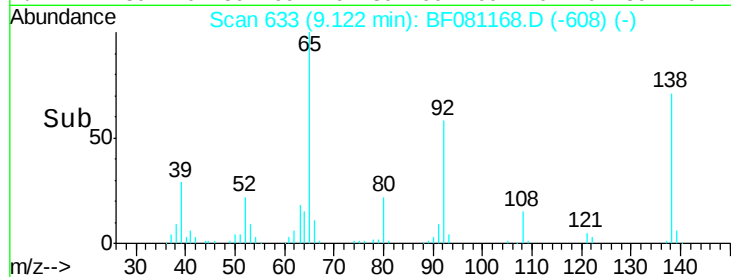
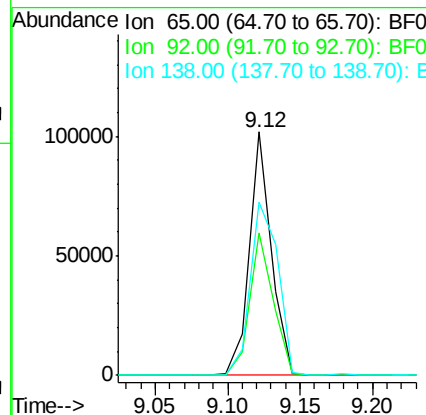
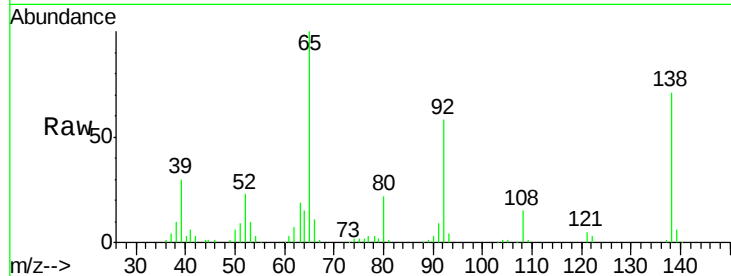
ClientSampleId :

PB84980BS

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.4	45.6	68.4
138	71.3	57.9	86.9



#48

Acenaphthylene

Concen: 28.36 ng

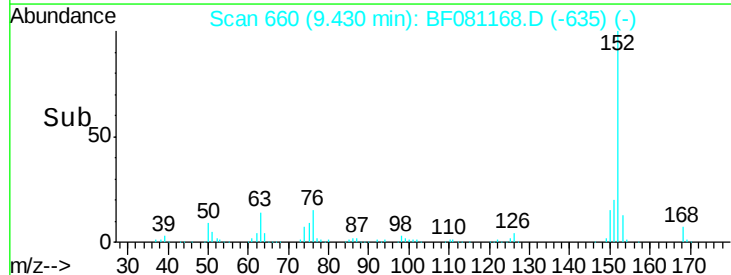
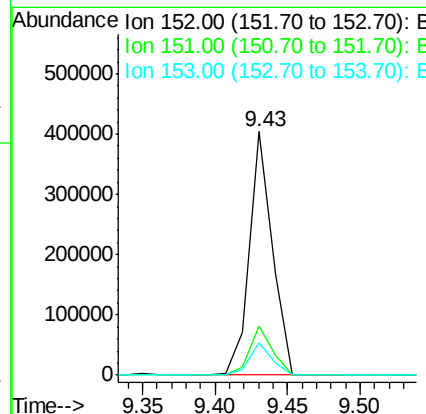
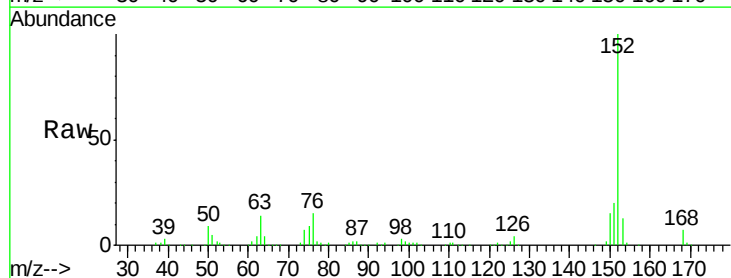
RT: 9.43 min Scan# 660

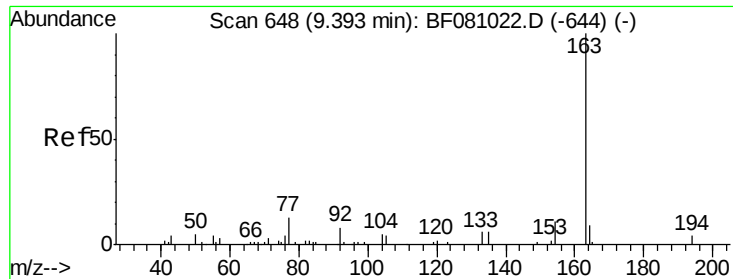
Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.3	9.8	14.6





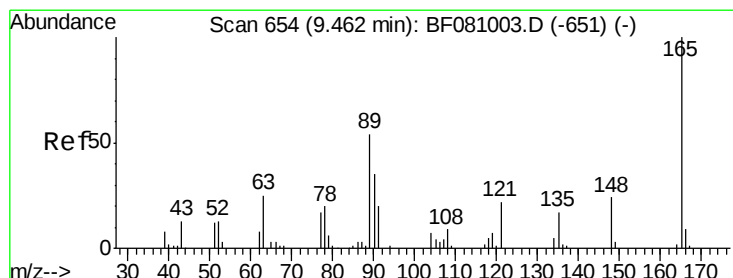
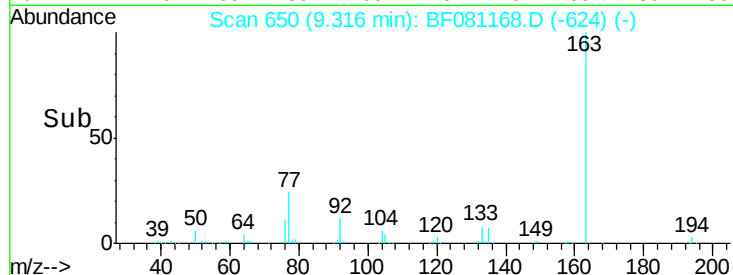
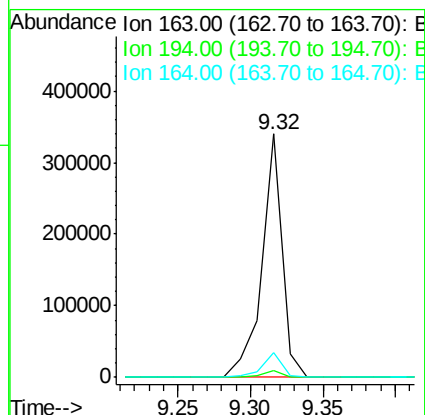
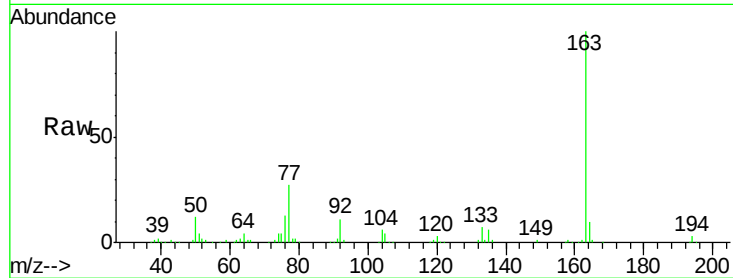
#49
Dimethylphthalate
Concen: 32.32 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	328062		
194	3.0		2.5	3.7
164	10.2		8.1	12.1

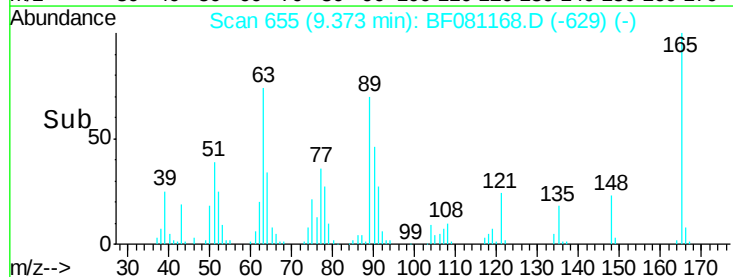
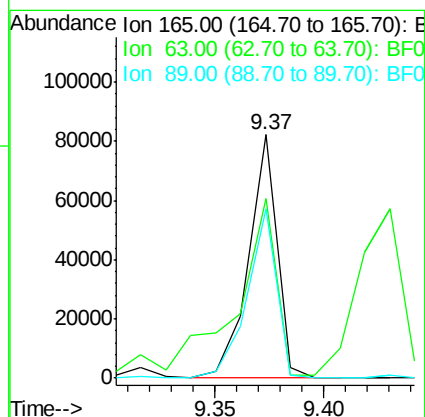
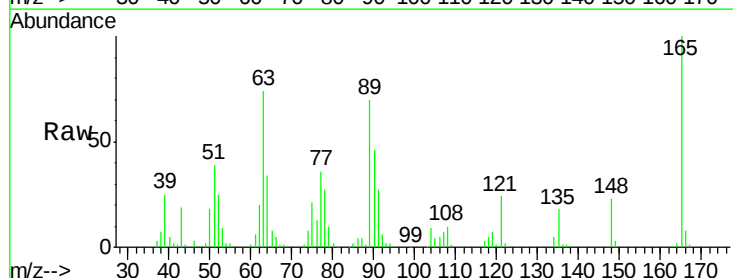
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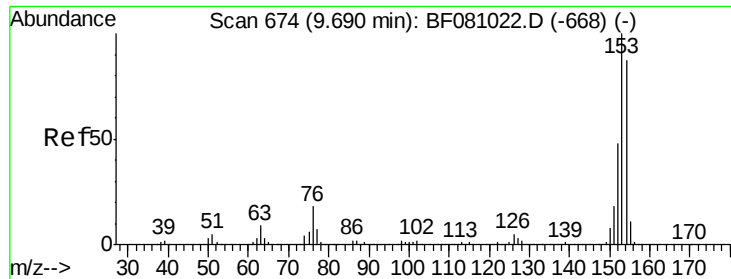
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#50
2,6-Dinitrotoluene
Concen: 34.18 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	74479		
63	73.6		49.5	74.3
89	69.6		47.6	71.4





#51

Acenaphthene

Concen: 28.42 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081168.D

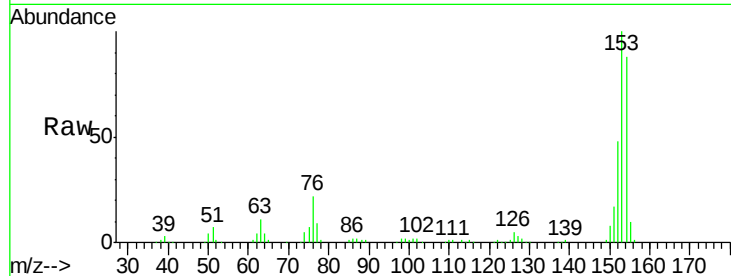
Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

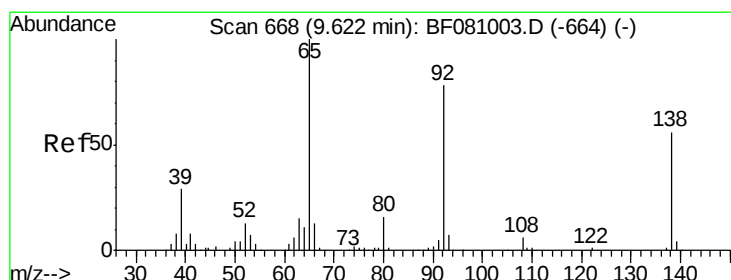
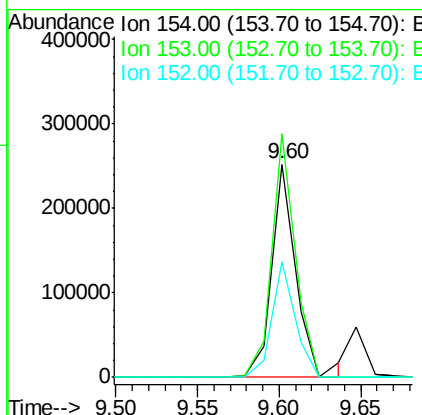
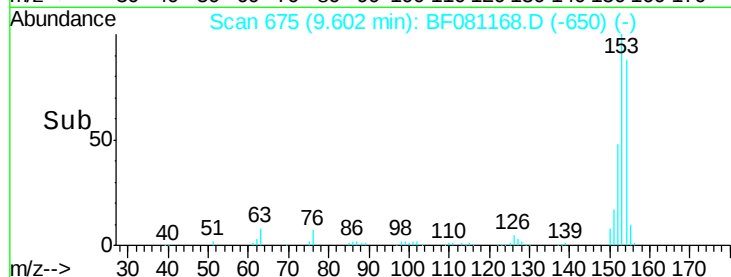
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	265433		
153	114.1	91.4	137.2	
152	54.2	43.7	65.5	

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#52

3-Nitroaniline

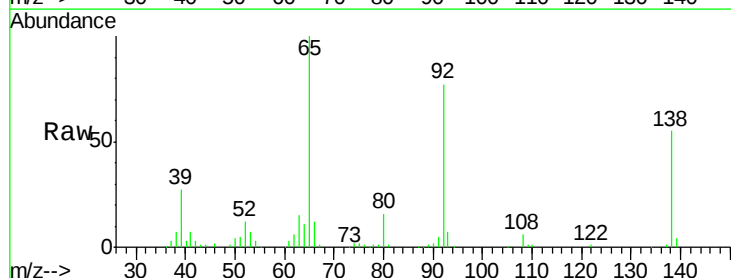
Concen: 19.01 ng

RT: 9.53 min Scan# 669

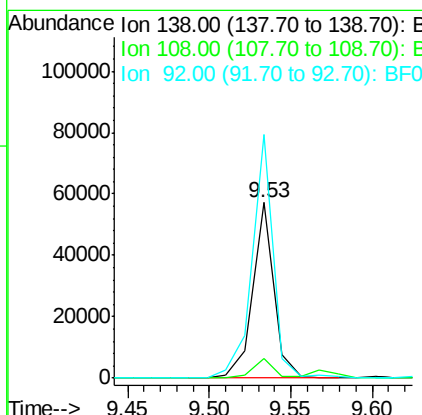
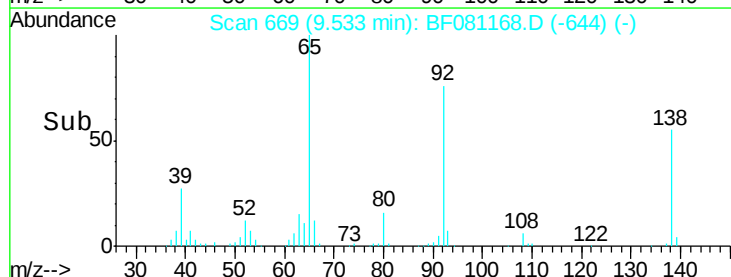
Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21



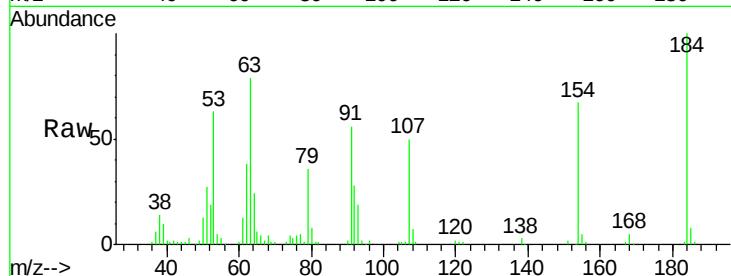
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	51835		
108	11.4	9.4	14.2	
92	138.9	113.2	169.8	





#53
 2,4-Dinitrophenol
 Concen: 71.92 ng
 RT: 9.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

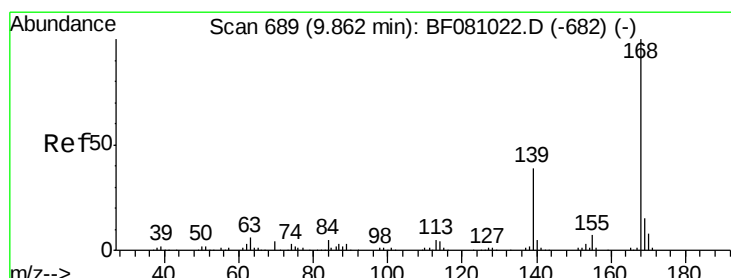
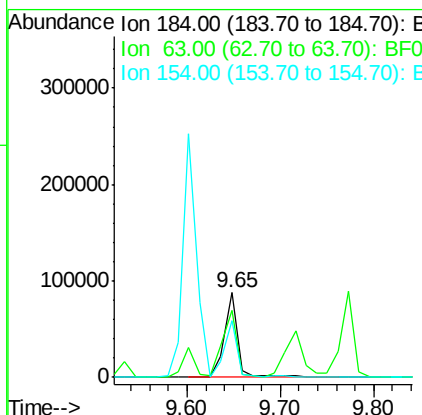
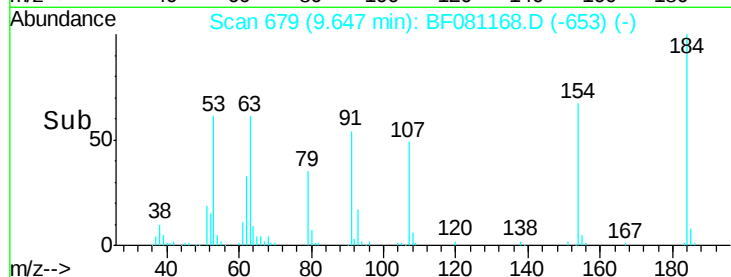
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt Ion:184 Resp: 85424
 Ion Ratio Lower Upper
 184 100
 63 79.1 101.7 152.5#
 154 67.4 67.4 101.0

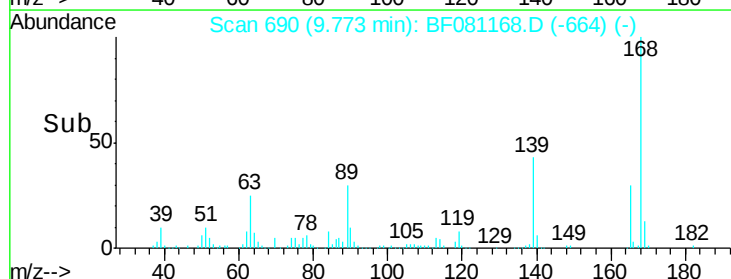
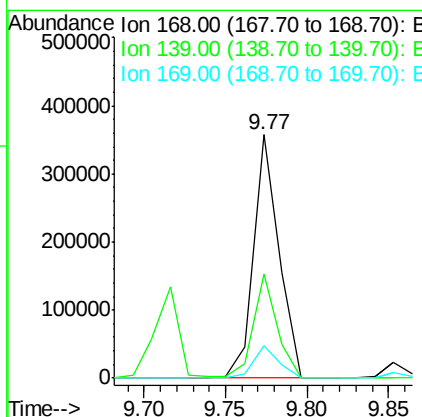
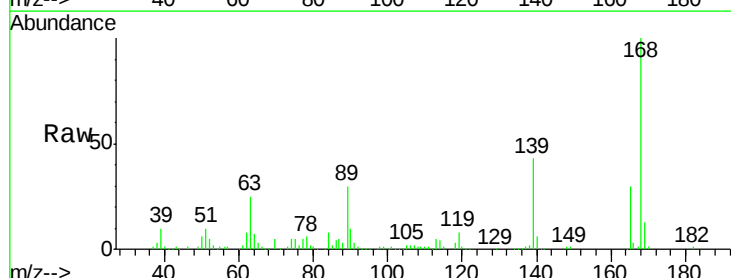
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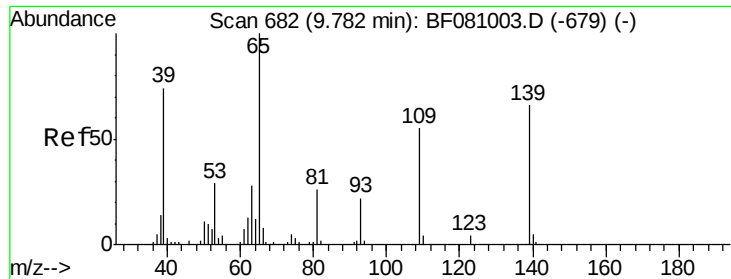
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 8/24/2015 7:10:46 PM



#54
 Dibenzofuran
 Concen: 30.77 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:168 Resp: 385152
 Ion Ratio Lower Upper
 168 100
 139 42.6 29.3 43.9
 169 13.4 10.3 15.5





#55

4-Nitrophenol

Concen: 72.47 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

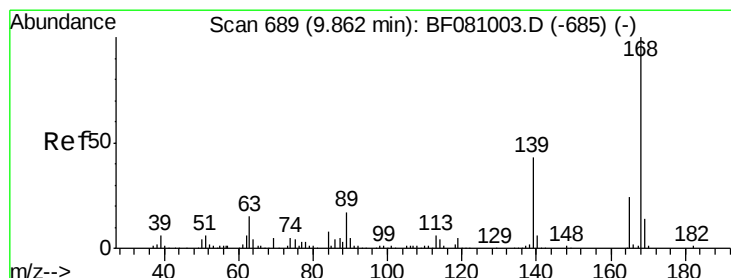
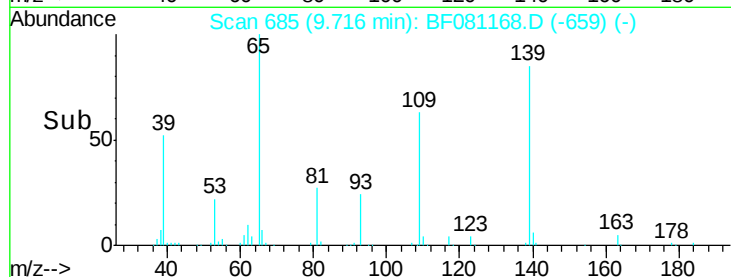
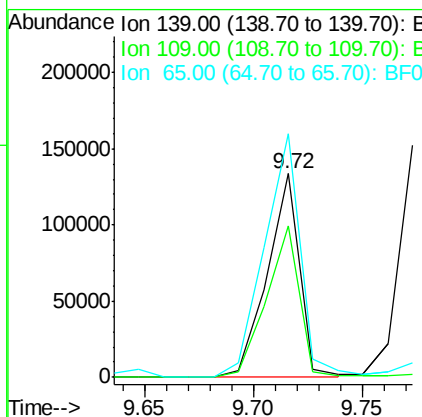
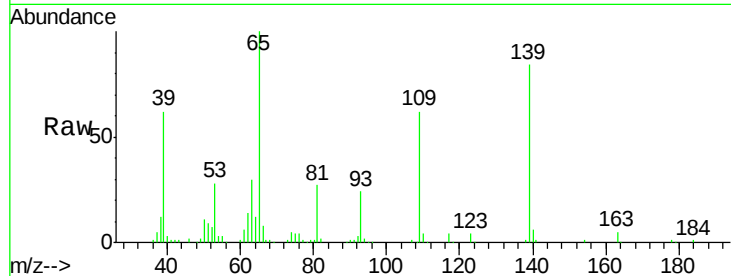
ClientSampleId :

PB84980BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	138798		
109	74.5	80.0	120.0#	
65	119.7	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 34.11 ng

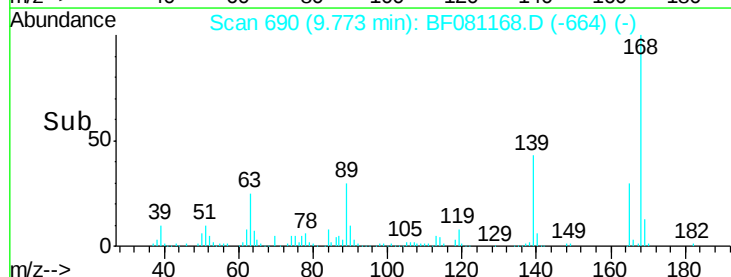
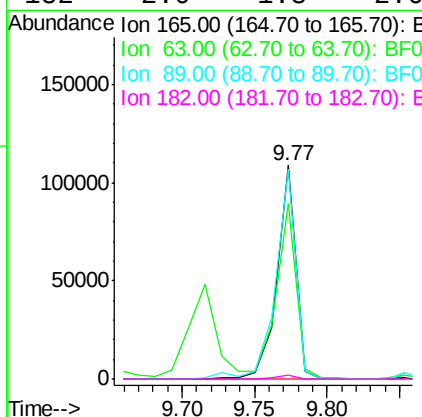
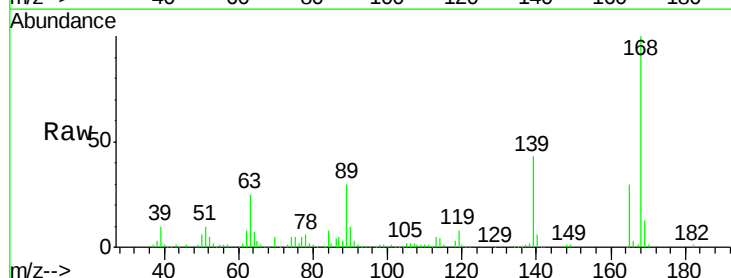
RT: 9.77 min Scan# 690

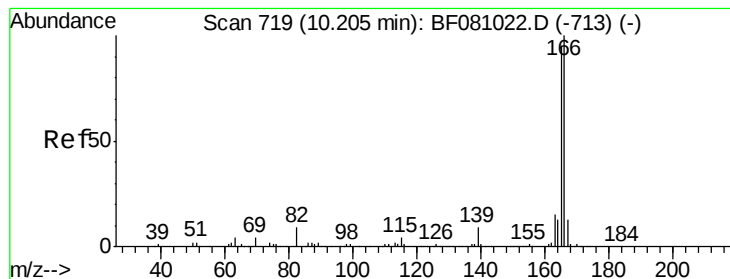
Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98527		
63	81.9	52.2	78.4#	
89	98.4	60.1	90.1#	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 33.13 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

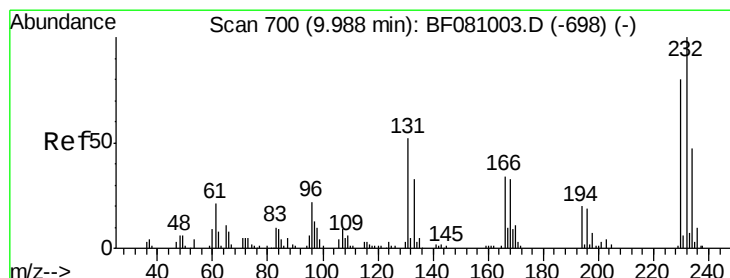
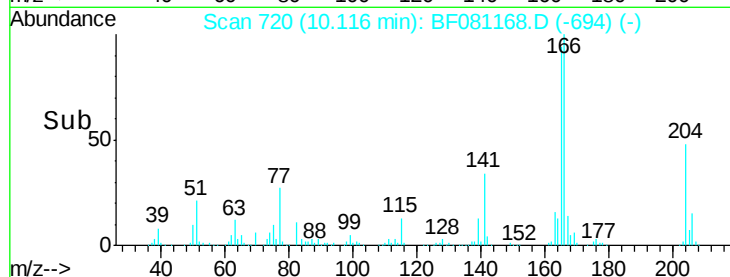
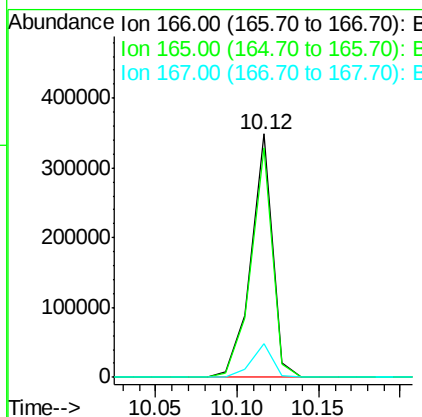
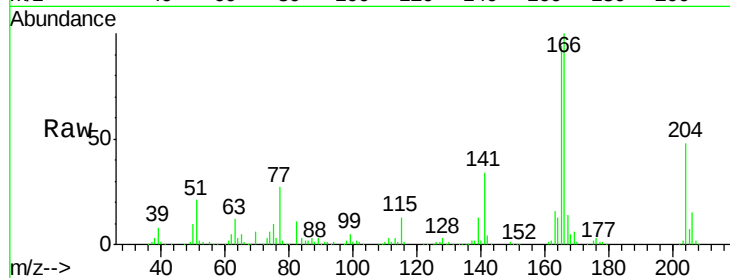
ClientSampleId :

PB84980BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	318986		
165	94.4	75.8	113.8	
167	14.1	11.3	16.9	



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.59 ng m

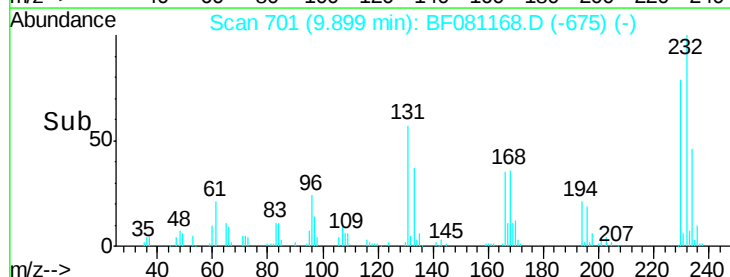
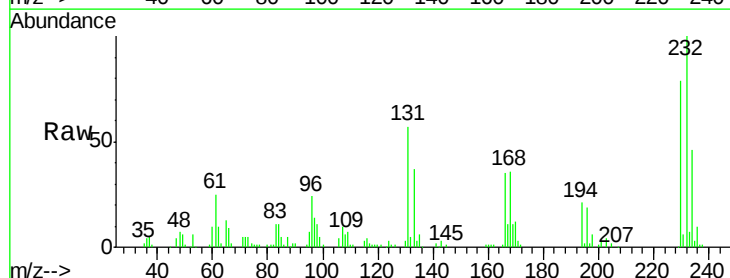
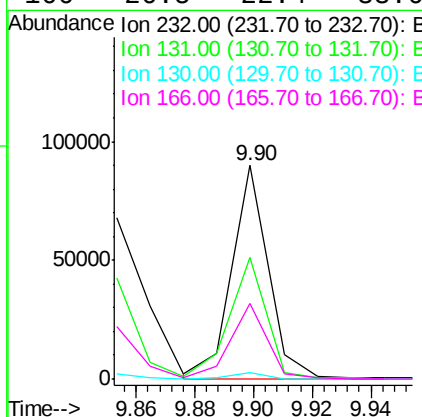
RT: 9.90 min Scan# 701

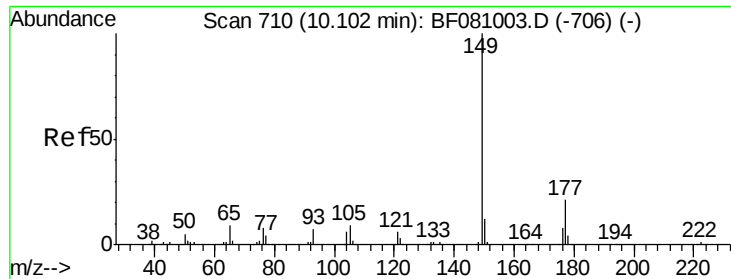
Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	77338		
131	48.5	42.2	63.4	
130	2.3	2.1	3.1	
166	26.5	22.4	33.6	





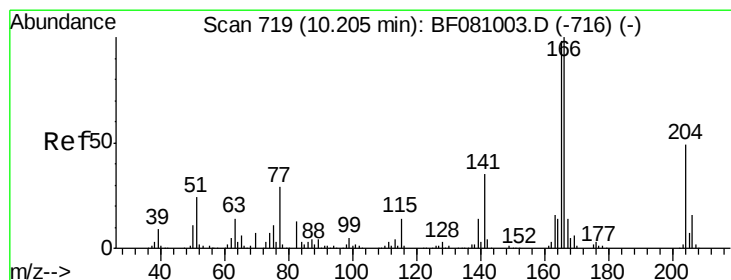
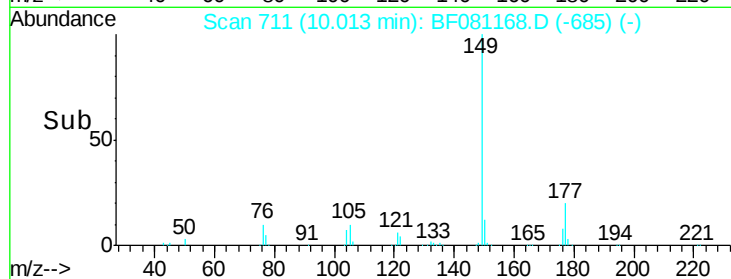
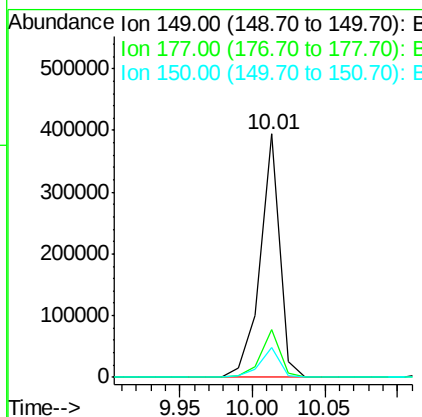
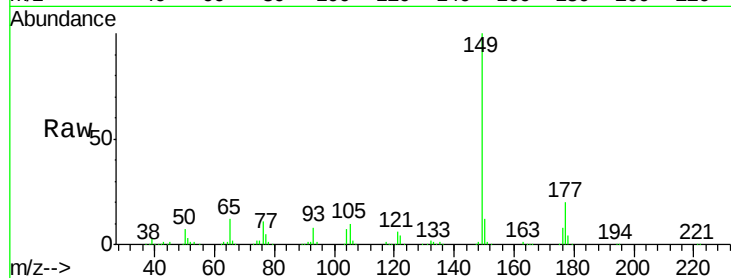
#59
Diethylphthalate
Concen: 34.18 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	367204		
177	19.7	14.1	21.1	
150	12.5	10.3	15.5	

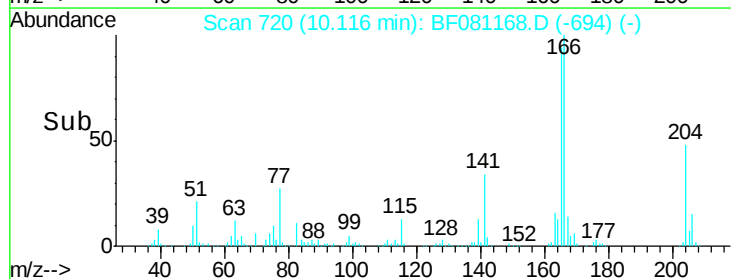
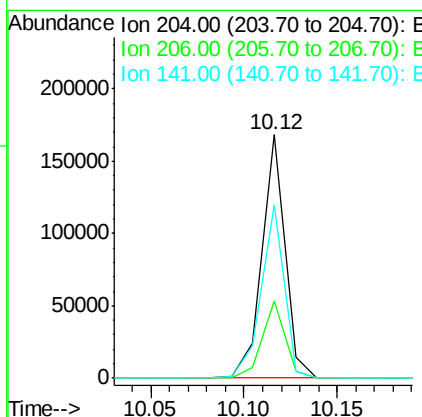
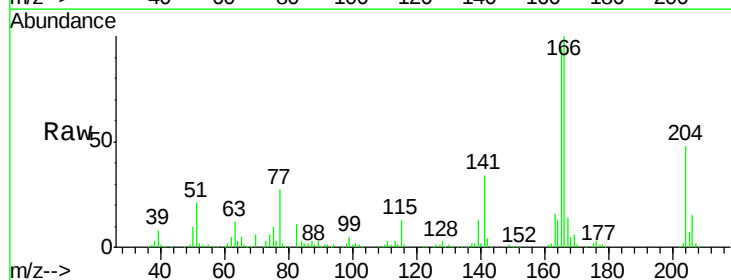
Manual Integrations
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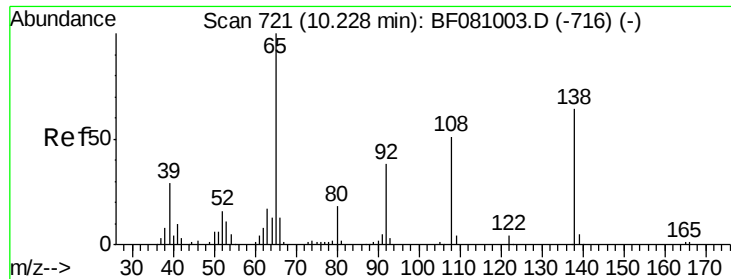
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#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	142417		
206	31.8	26.2	39.2	
141	71.2	59.6	89.4	





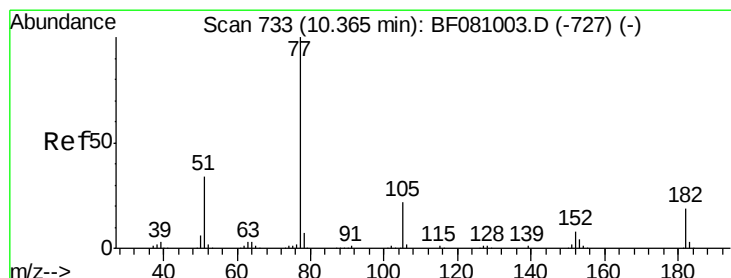
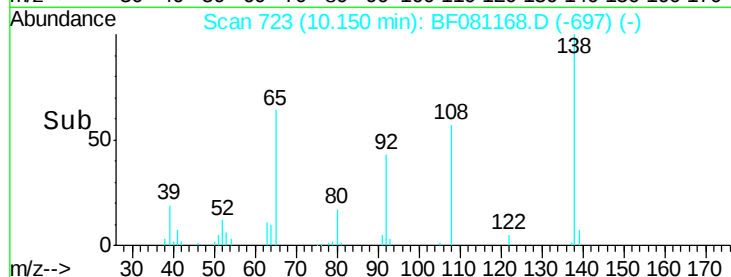
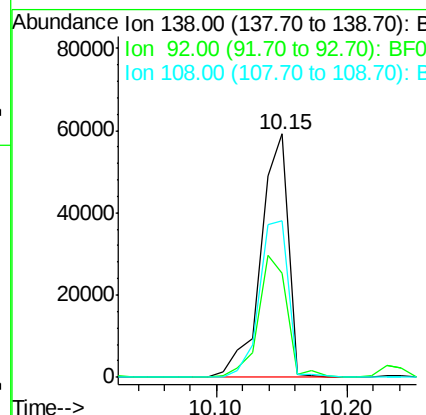
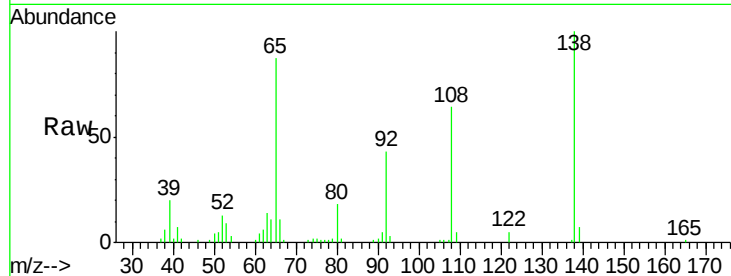
#61
4-Nitroaniline
Concen: 31.23 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	87042		
92	42.6	34.7	74.7	
108	64.5	68.9	108.9#	

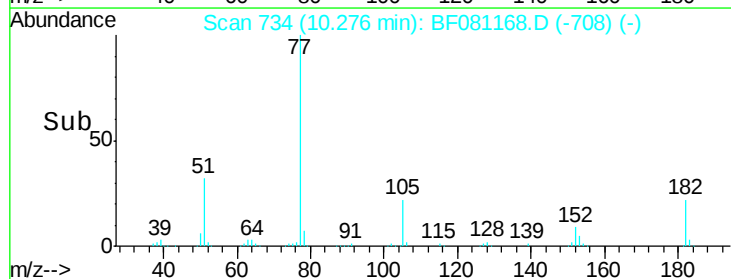
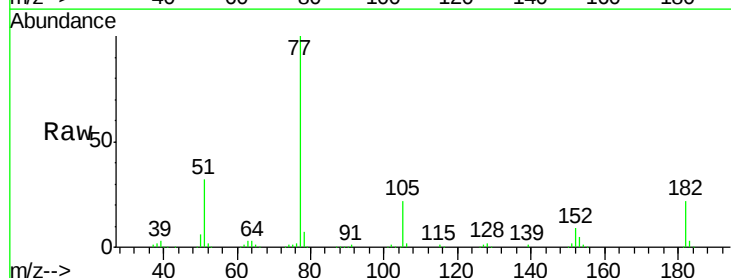
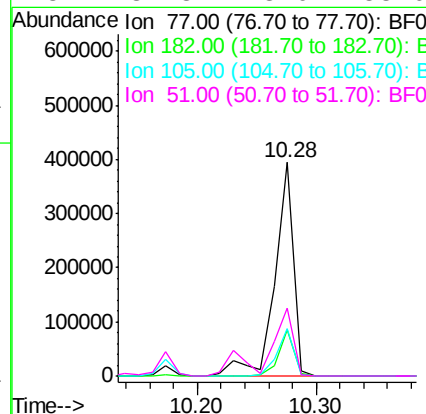
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#62
Azobenzene
Concen: 35.08 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	434229		
182	21.8	0.0	39.0	
105	22.3	0.2	40.2	
51	31.8	18.0	58.0	





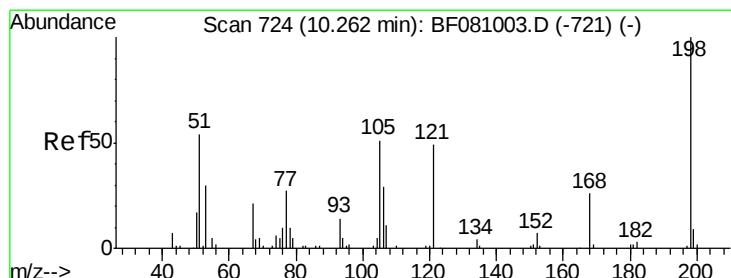
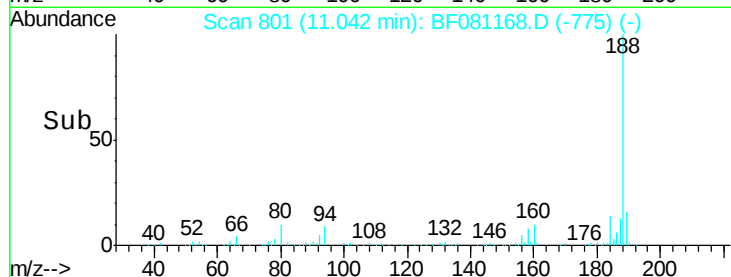
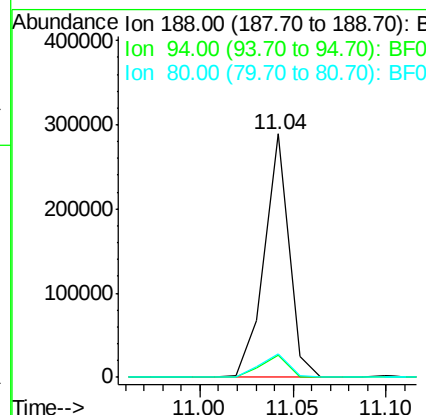
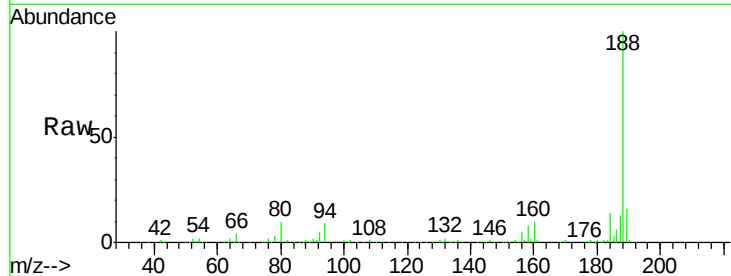
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	8.2	12.2
80	9.8	9.5	14.3

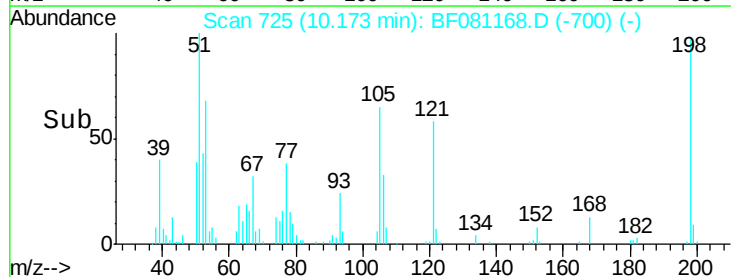
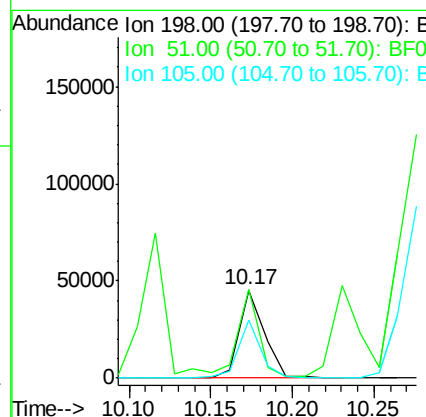
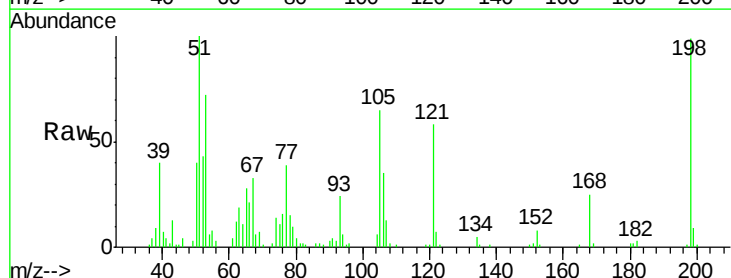
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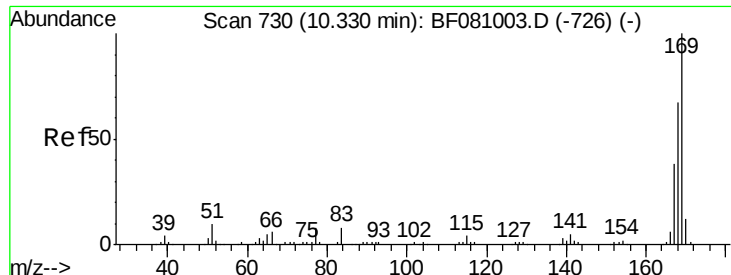
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.33 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	101.5	79.7	119.7
105	66.1	47.0	87.0





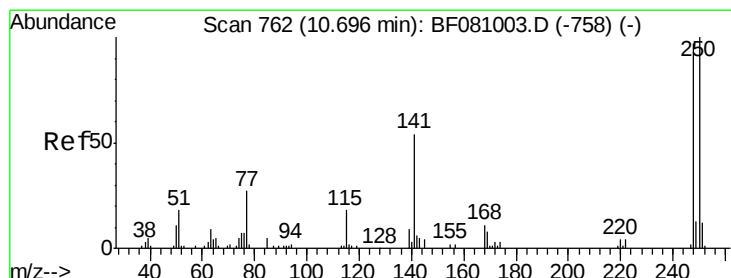
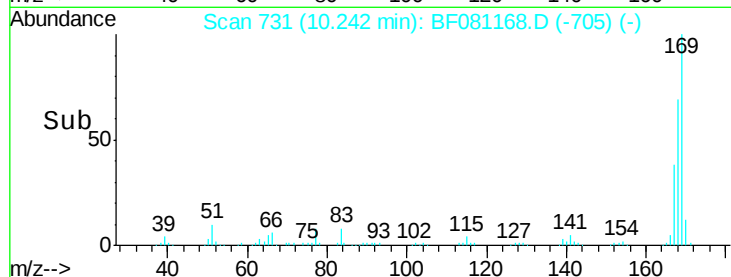
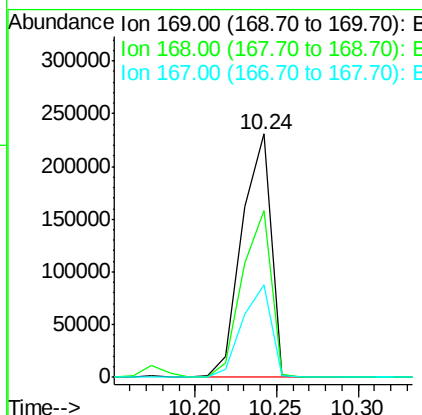
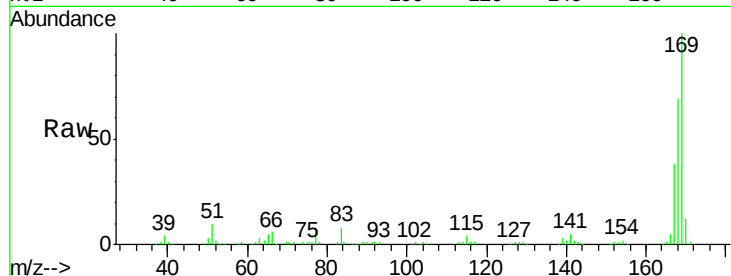
#65
 n-Nitrosodiphenylamine
 Concen: 30.21 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	285009		
168	68.6		55.3	82.9
167	38.2		30.8	46.2

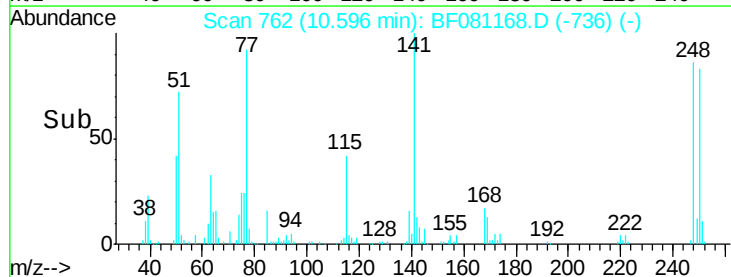
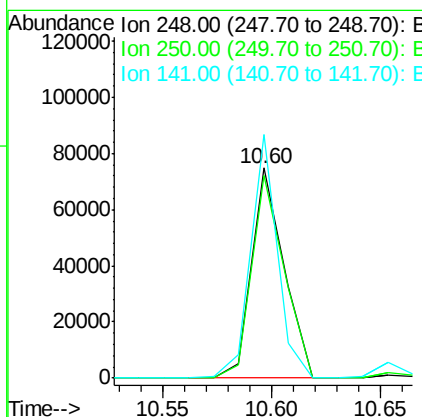
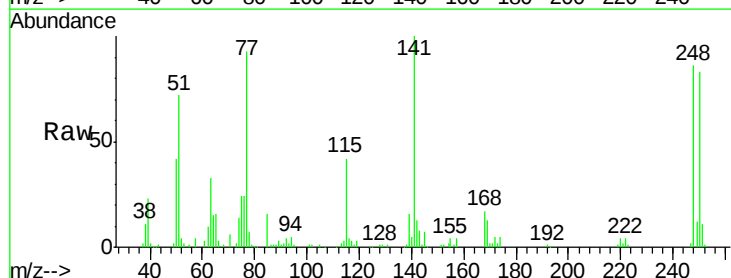
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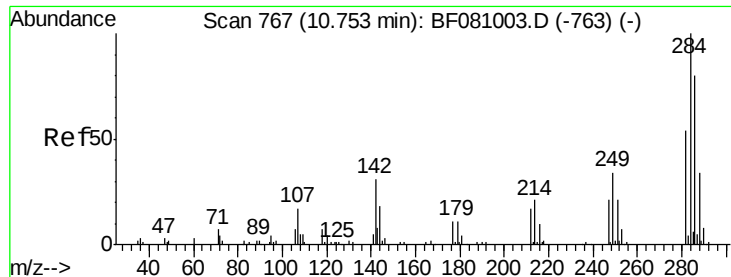
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#66
 4-Bromophenyl-phenylether
 Concen: 29.73 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	77197		
250	96.7		77.8	116.6
141	115.9		39.8	59.6#





#67

Hexachlorobenzene

Concen: 31.12 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

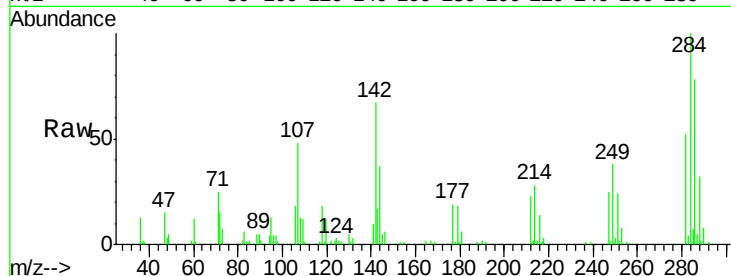
ClientSampleId :

PB84980BS

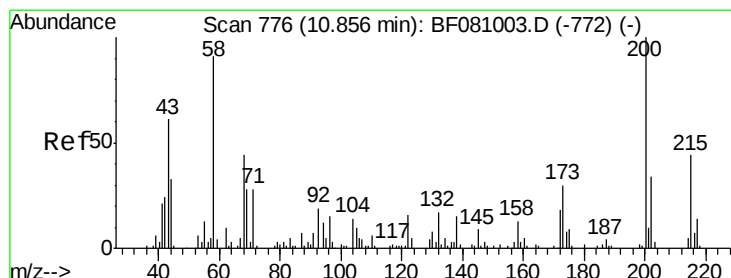
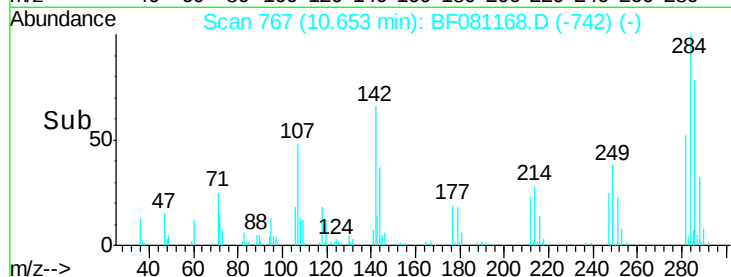
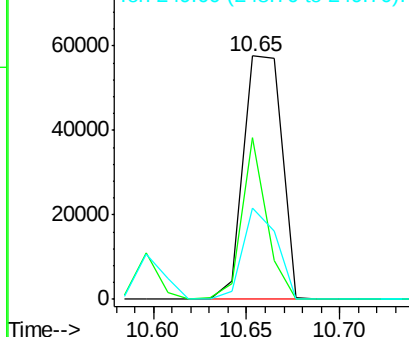
Tgt Ion:	284	Resp:	81845
Ion Ratio	Lower	Upper	
284	100		
142	66.6	25.4	38.0#
249	37.6	28.5	42.7

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



#68

Atrazine

Concen: 28.54 ng

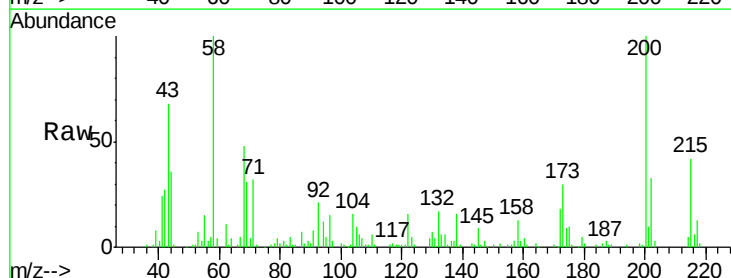
RT: 10.77 min Scan# 777

Delta R.T. -0.00 min

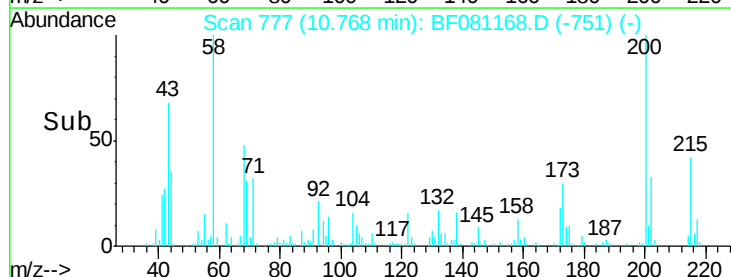
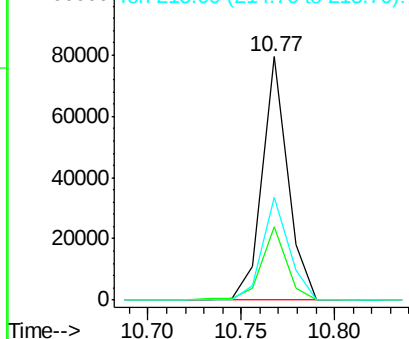
Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:	200	Resp:	75032
Ion Ratio	Lower	Upper	
200	100		
173	30.2	8.1	48.1
215	42.4	23.3	63.3



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





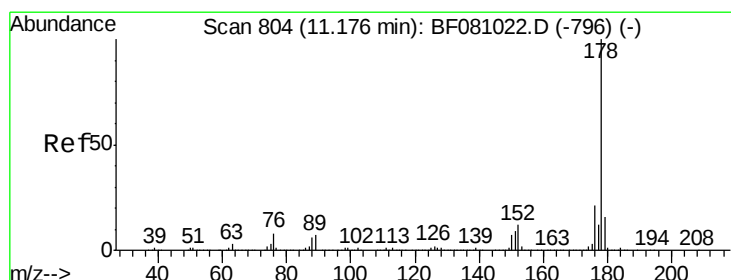
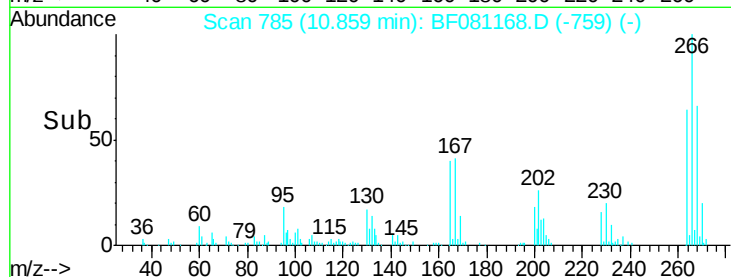
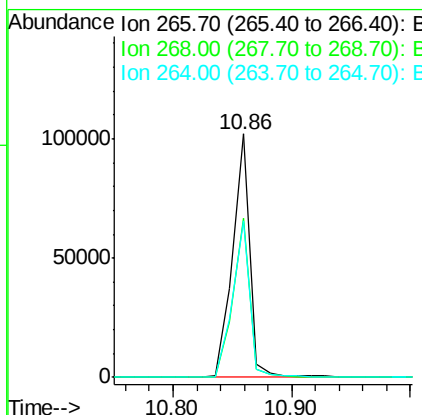
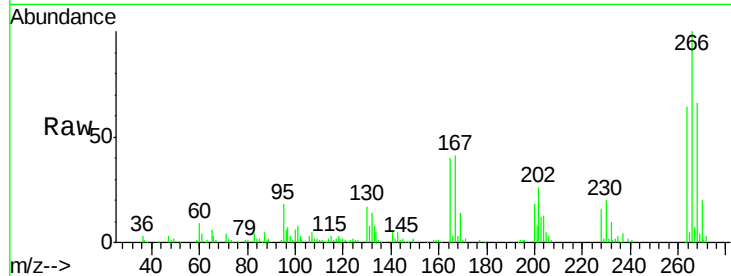
#69
 Pentachlorophenol
 Concen: 65.37 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	103146		
268	65.5	51.2	76.8	
264	64.4	50.6	75.8	

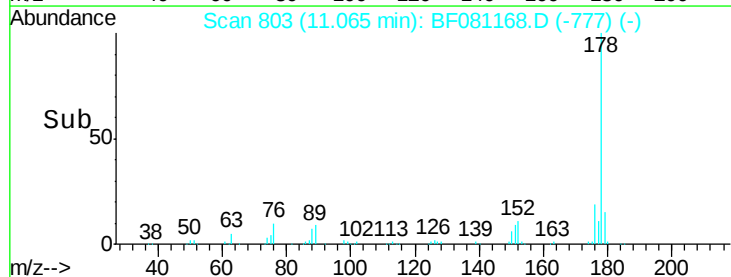
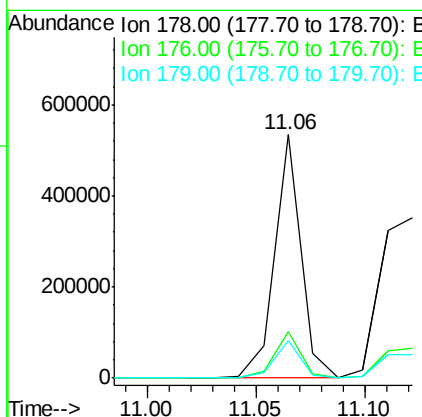
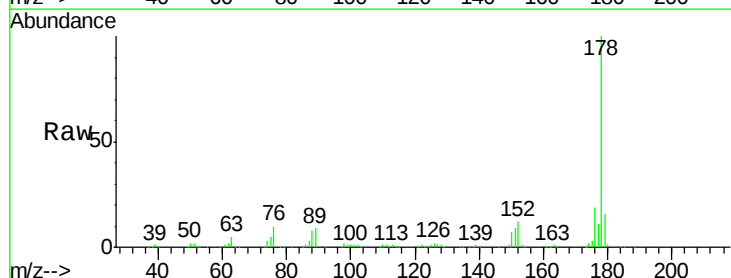
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#70
 Phenanthrene
 Concen: 29.18 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	457129		
176	19.3	15.7	23.5	
179	15.6	12.2	18.2	





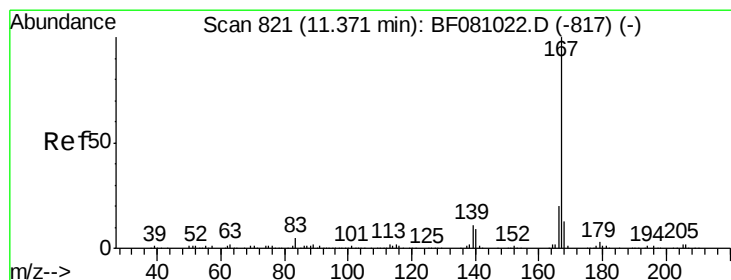
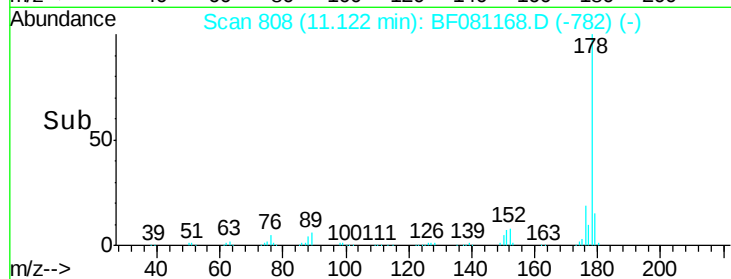
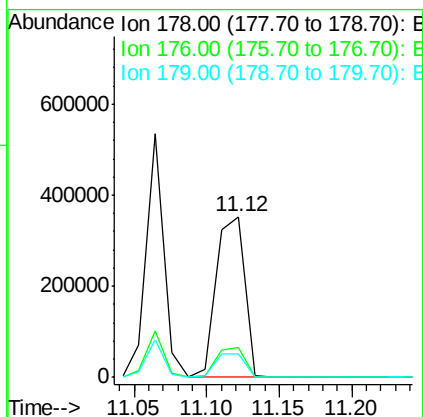
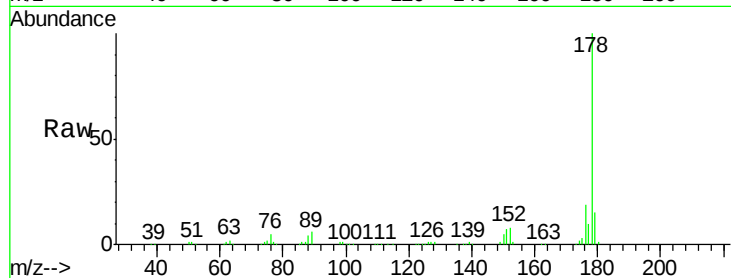
#71
 Anthracene
 Concen: 31.43 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	14.8	12.7	19.1

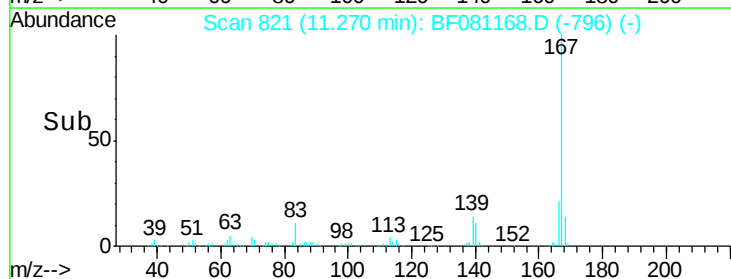
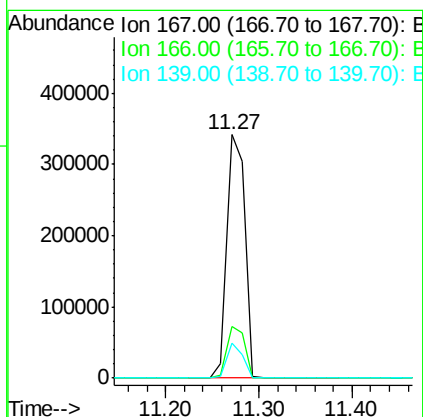
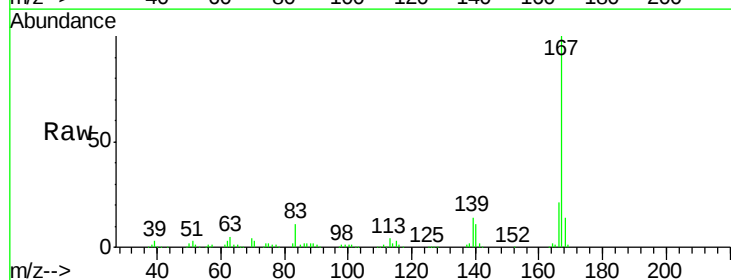
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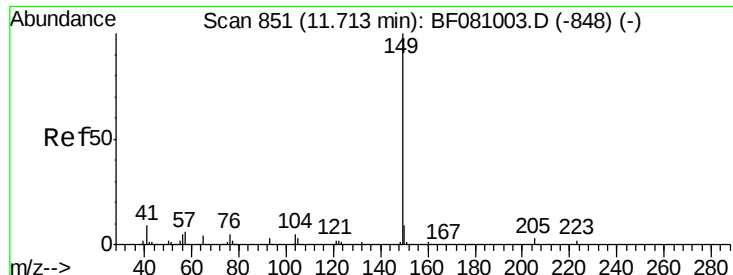
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#72
 Carbazole
 Concen: 31.45 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

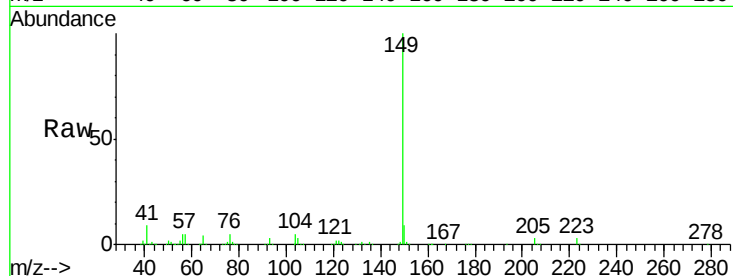
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	14.3	10.6	16.0





#73
Di-n-butylphthalate
Concen: 33.60 ng
RT: 11.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

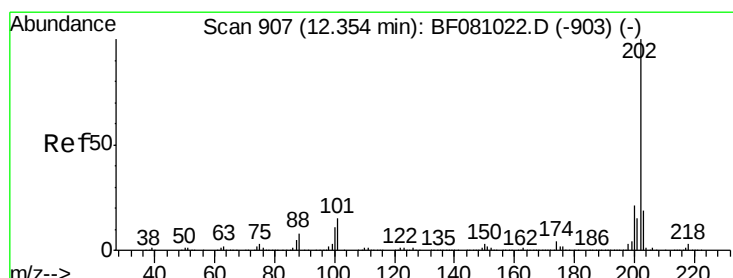
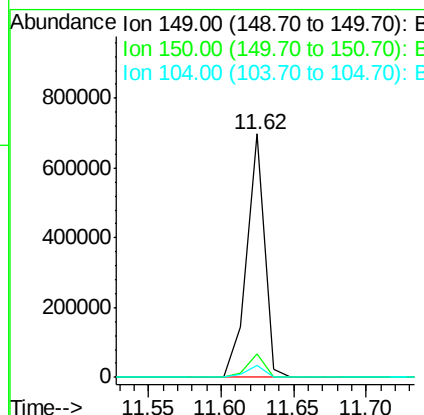
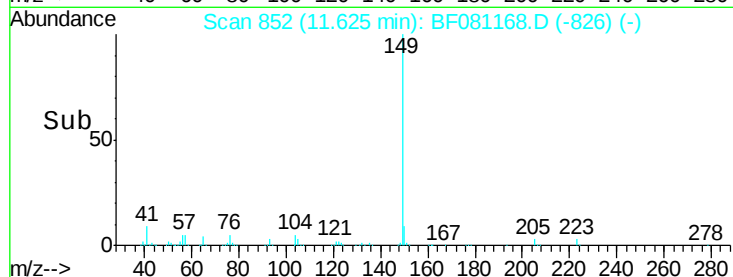
Instrument :
BNA_F
ClientSampleId :
PB84980BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.4	7.1	10.7
104	4.8	3.9	5.9

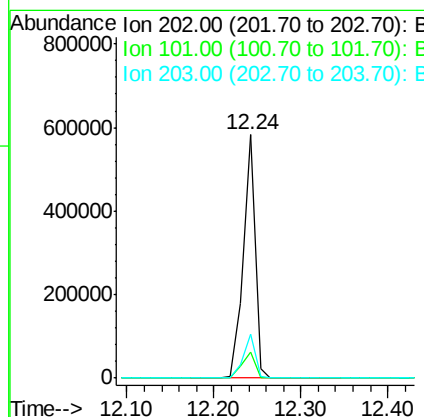
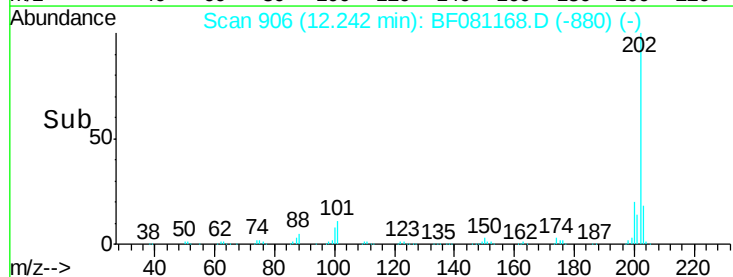
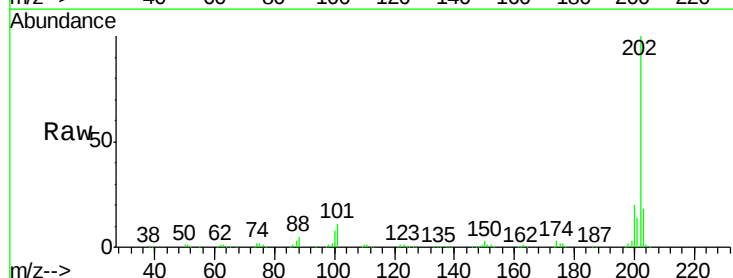
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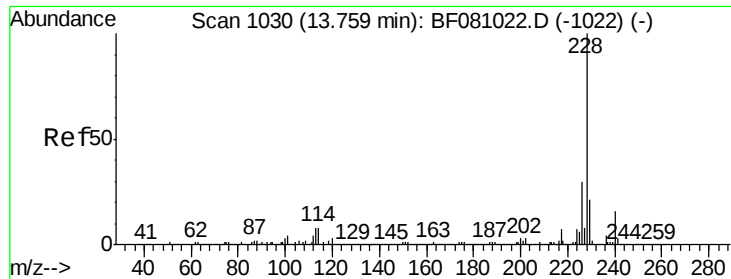
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#74
Fluoranthene
Concen: 32.20 ng
RT: 12.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	0.0	24.8
203	17.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

Tgt Ion:240 Resp: 229923
Ion Ratio Lower Upper

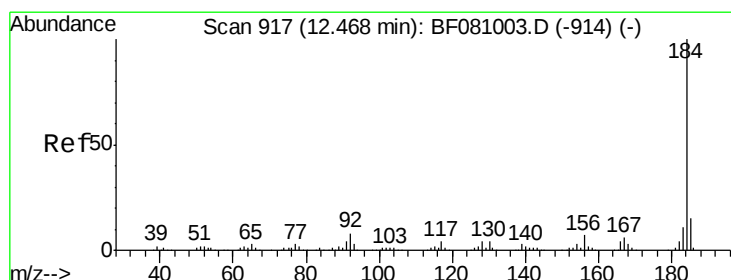
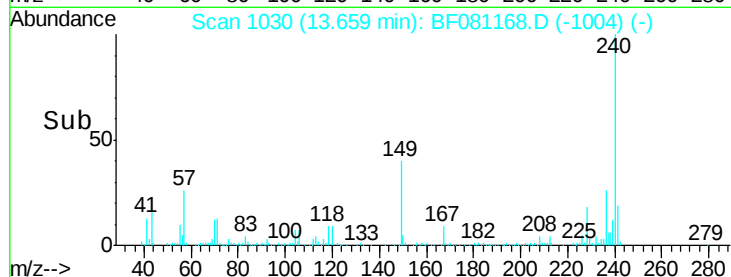
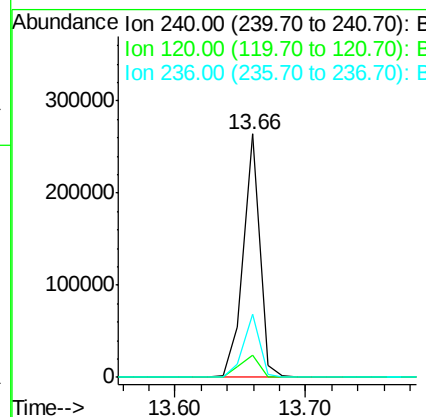
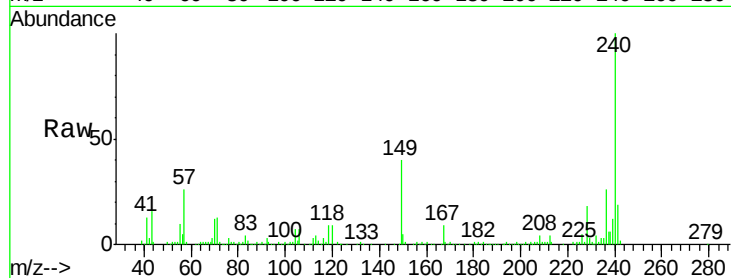
240 100

120 9.2 5.6 8.4#

236 26.0 20.6 30.8

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#76

Benzidine

Concen: 17.79 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081168.D

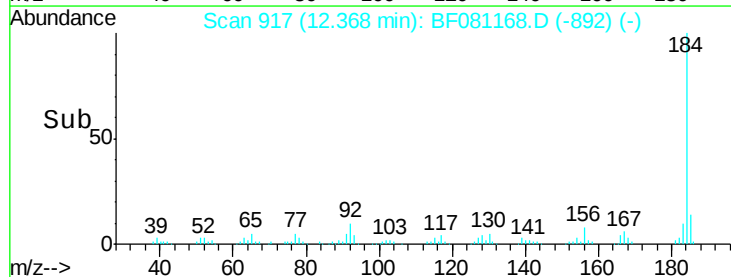
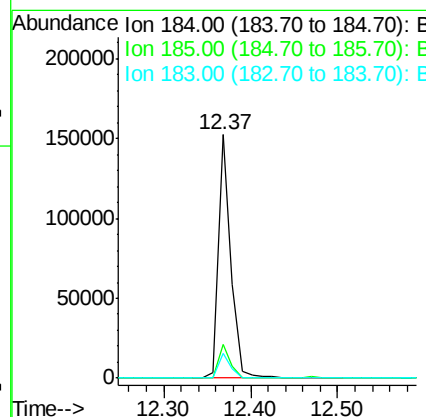
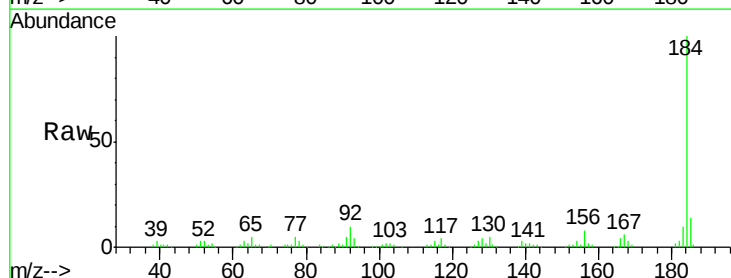
Acq: 24 Aug 2015 14:21

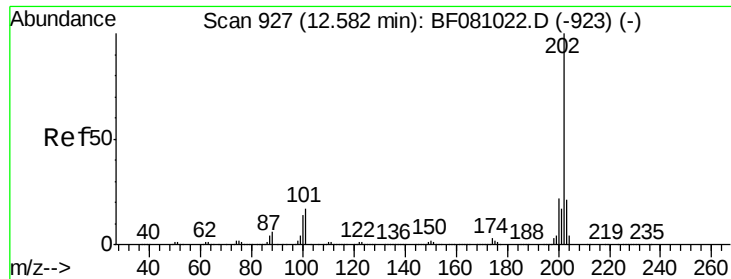
Tgt Ion:184 Resp: 154502
Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 10.4 8.9 13.3





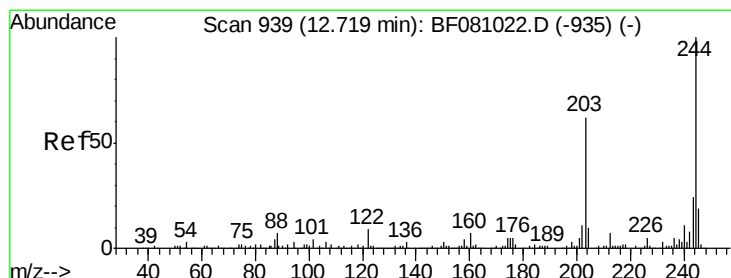
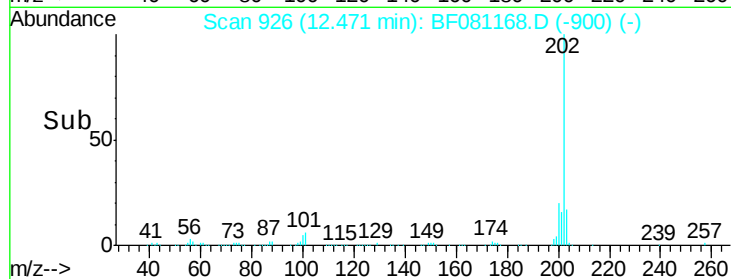
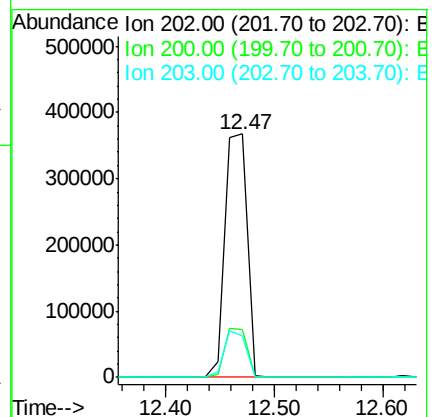
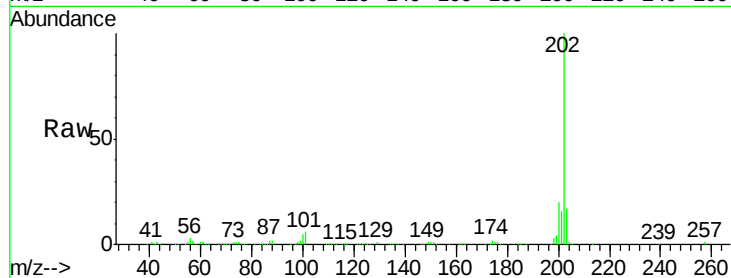
#77
 Pyrene
 Concen: 27.92 ng
 RT: 12.47 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	521854		
200	19.6	16.6	24.8	
203	17.0	14.1	21.1	

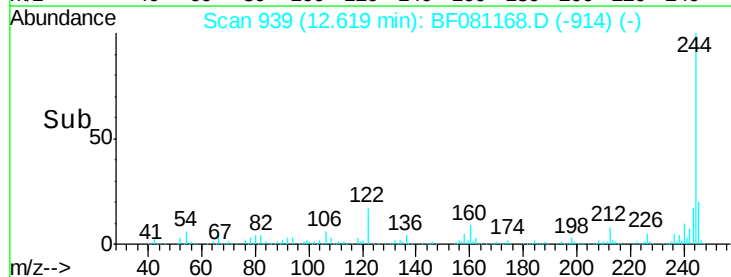
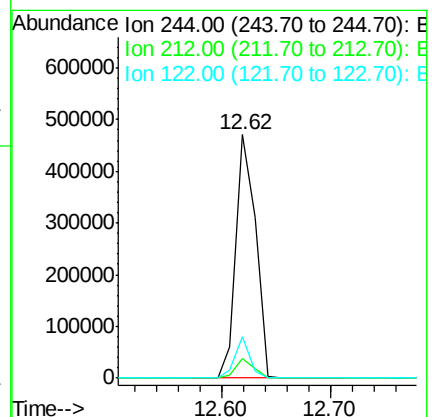
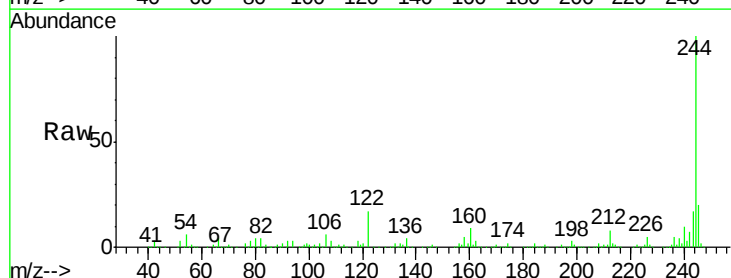
Manual Integrations
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#78
 Terphenyl-d14
 Concen: 54.14 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	580635		
212	7.9	5.8	8.8	
122	17.0	8.2	12.4#	





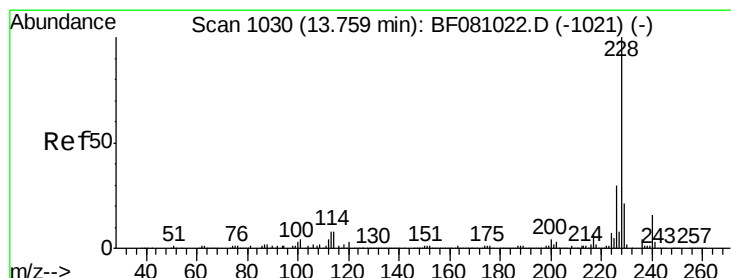
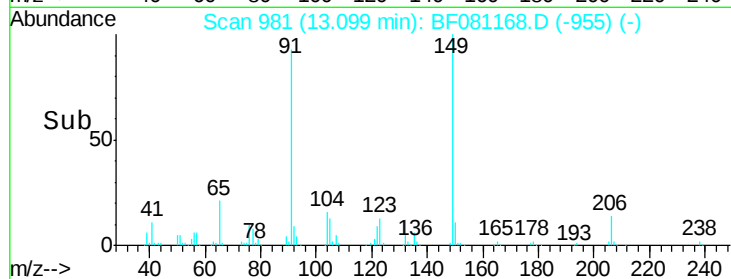
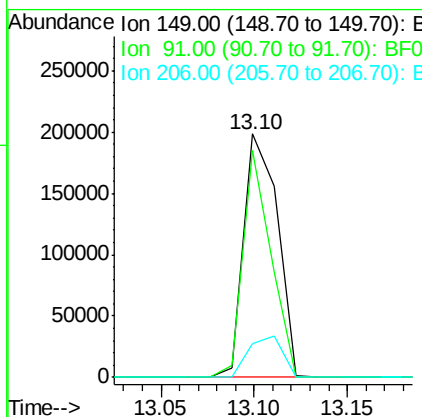
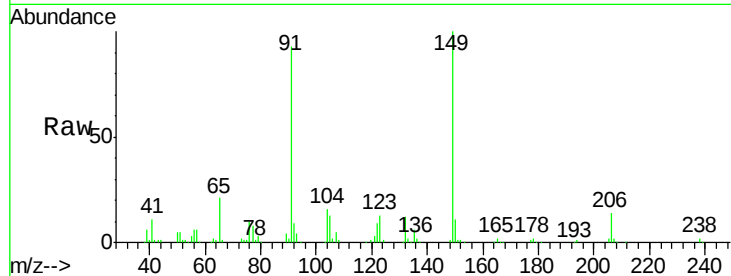
#79
Butylbenzylphthalate
Concen: 30.94 ng
RT: 13.10 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	93.3	46.9	70.3#
206	14.0	17.0	25.4#

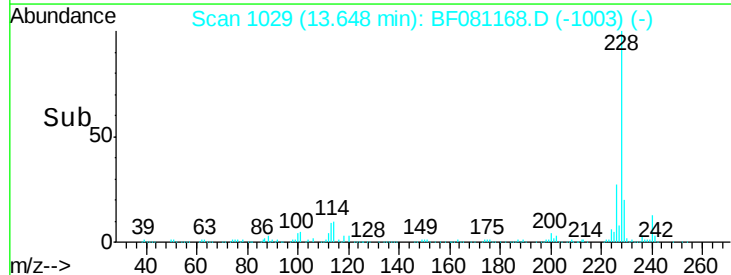
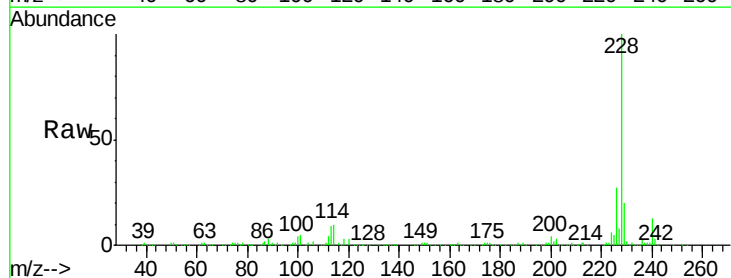
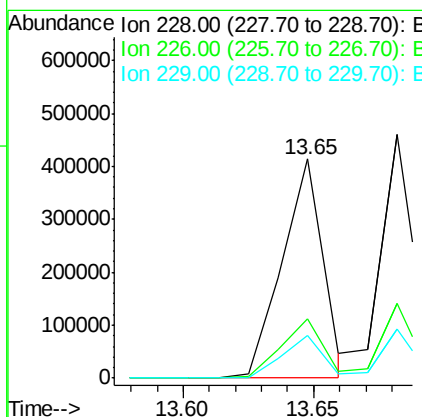
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#80
Benzo(a)anthracene
Concen: 29.36 ng
RT: 13.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.3	33.5
229	19.7	15.9	23.9





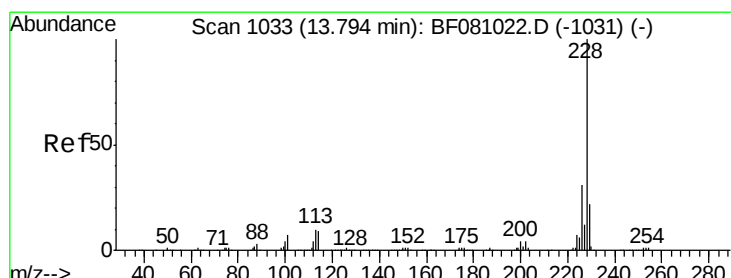
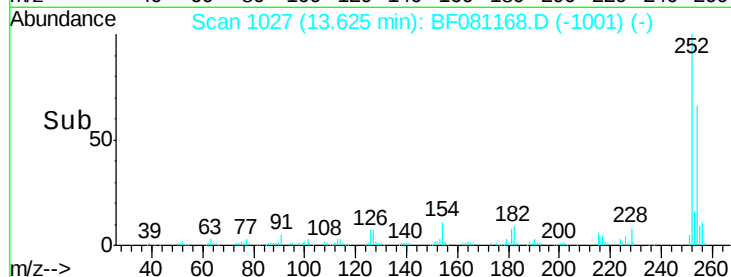
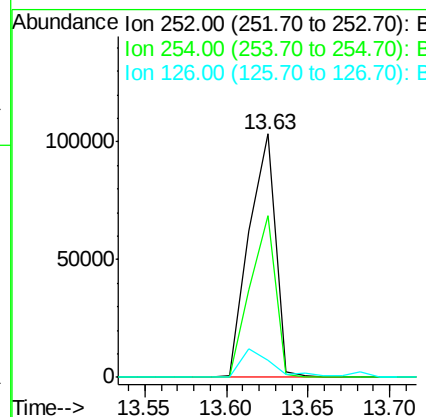
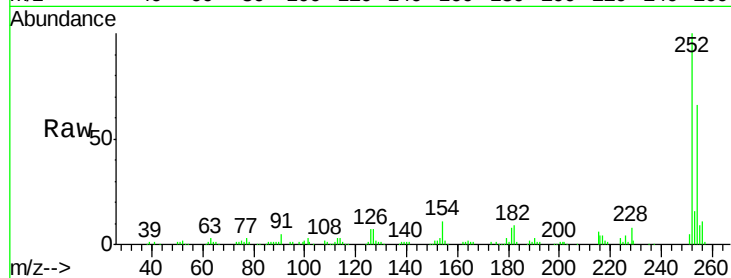
#81
 3,3'-Dichlorobenzidine
 Concen: 23.21 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.4	51.5	77.3
126	7.2	12.5	18.7

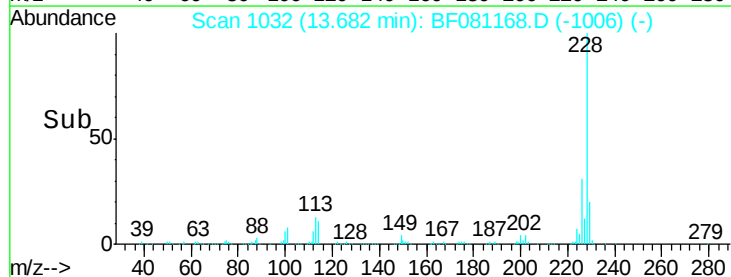
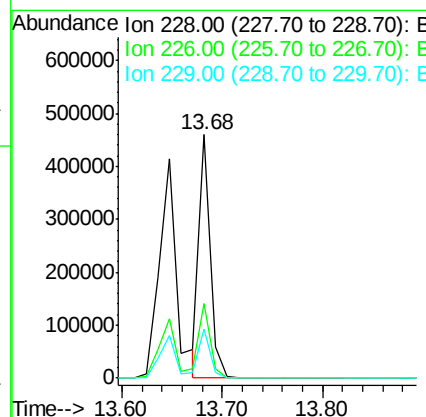
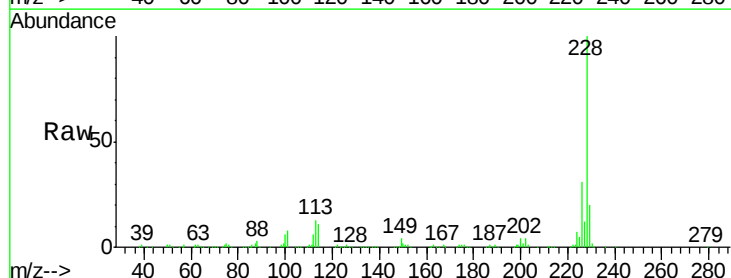
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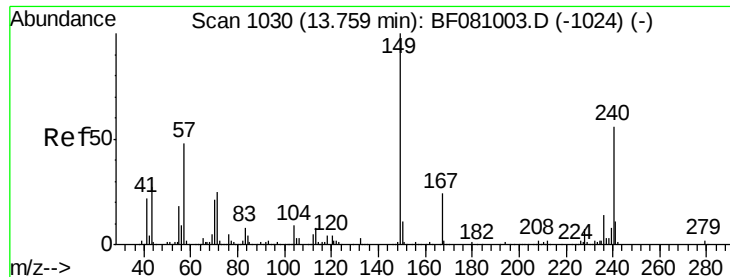
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#82
 Chrysene
 Concen: 26.08 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.4	36.6
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.57 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

Tgt Ion:149 Resp: 355747
Ion Ratio Lower Upper

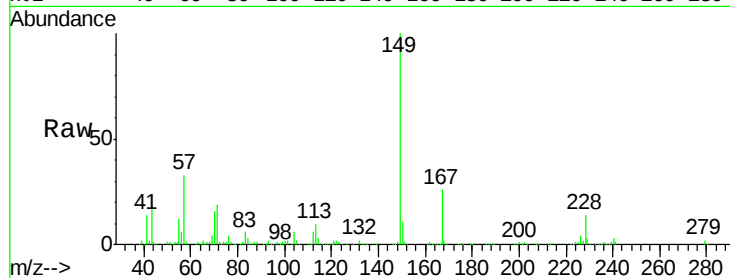
149 100

167 25.7 20.7 31.1

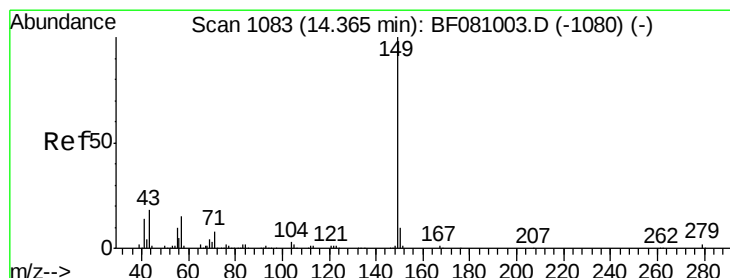
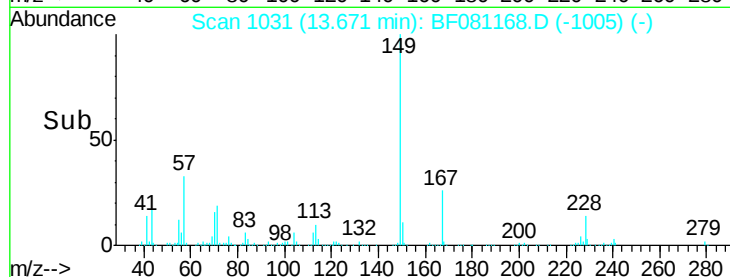
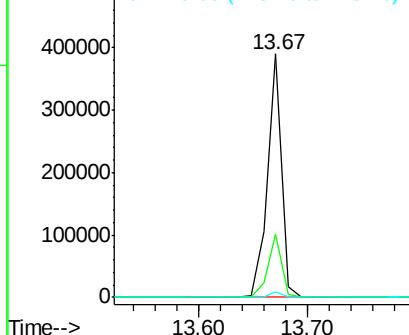
279 2.5 2.2 3.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.49 ng

RT: 14.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF081168.D

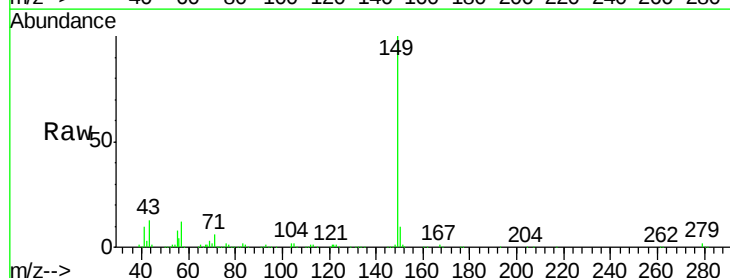
Acq: 24 Aug 2015 14:21

Tgt Ion:149 Resp: 586328
Ion Ratio Lower Upper

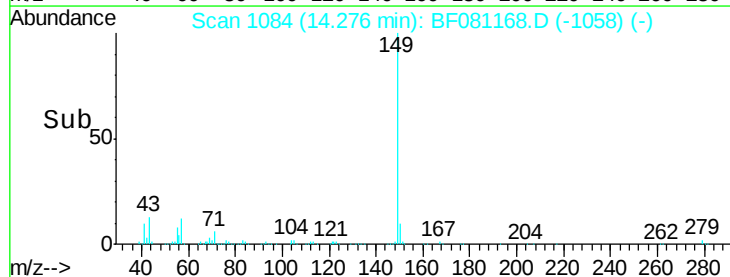
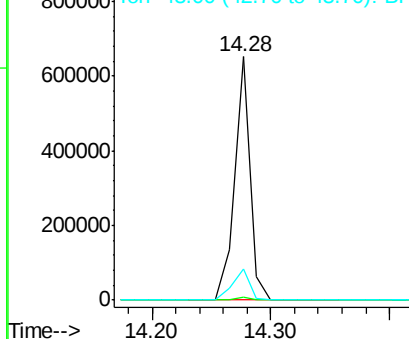
149 100

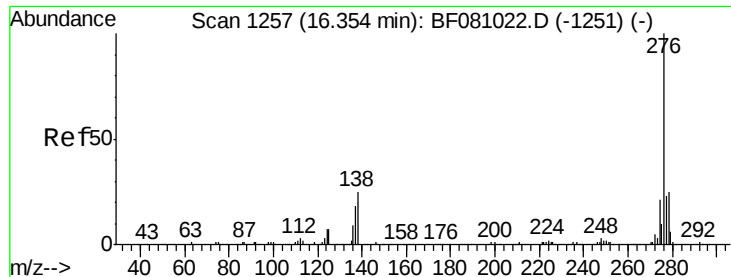
167 1.4 1.1 1.7

43 13.9 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





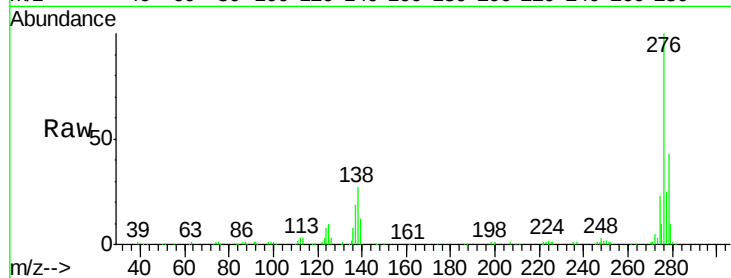
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.40 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

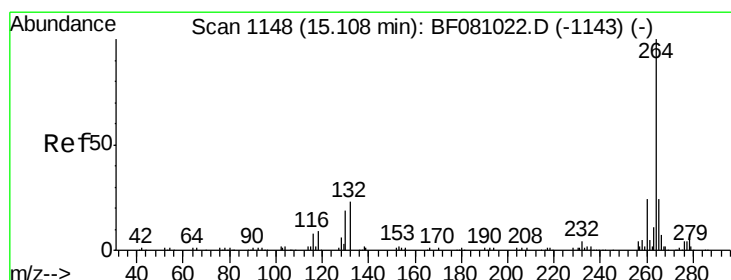
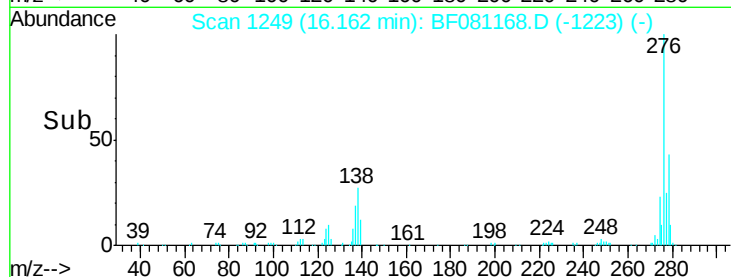
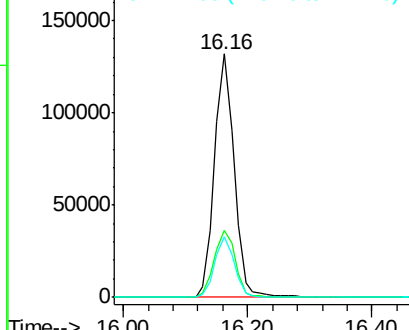
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	286801		
138	29.4	18.6	28.0#	
277	24.7	19.8	29.8	

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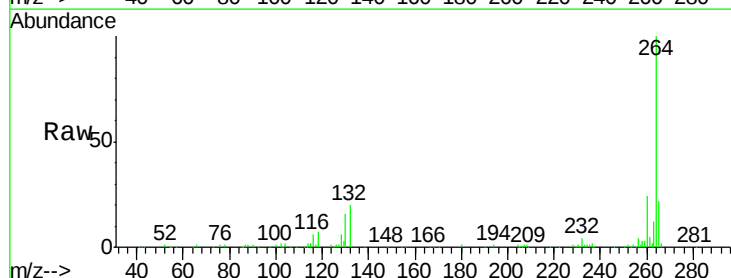


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

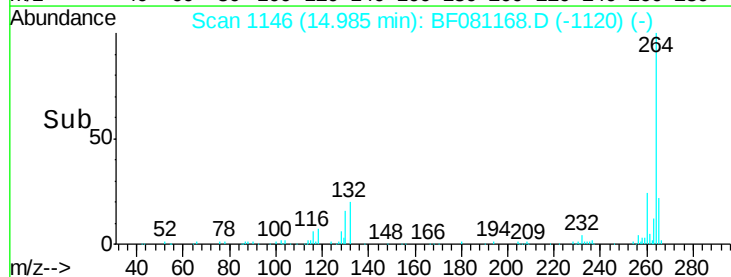
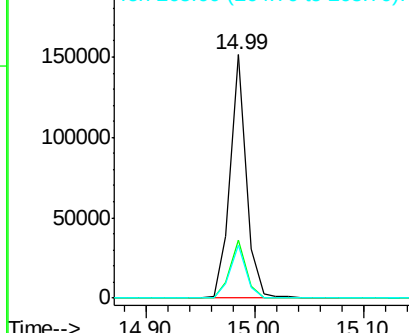


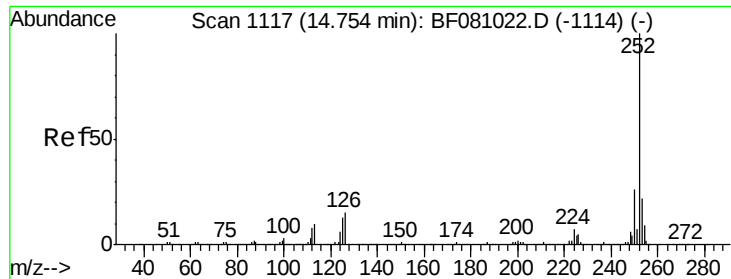
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	155636		
260	23.9	19.6	29.4	
265	21.9	17.5	26.3	



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





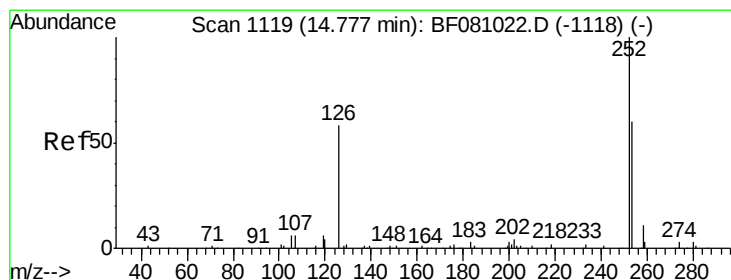
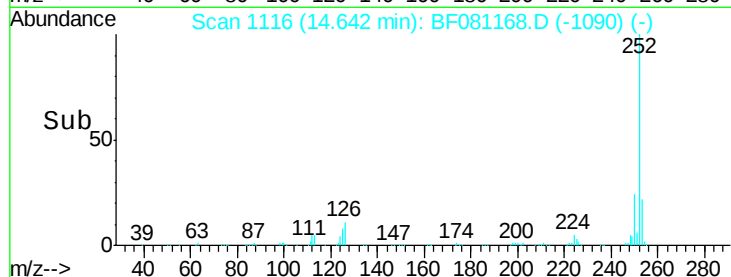
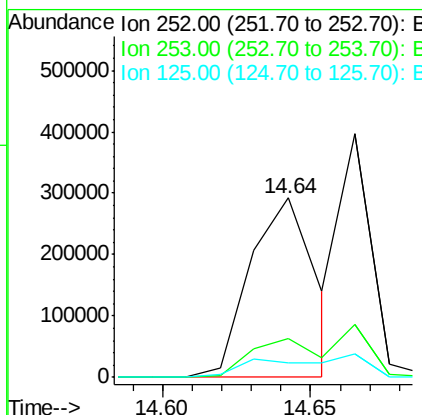
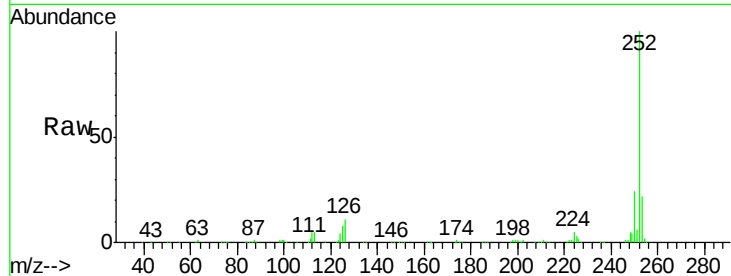
#87
Benzo(b)fluoranthene
Concen: 40.82 ng m
RT: 14.64 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampled :
PB84980BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	8.4	8.0	12.0

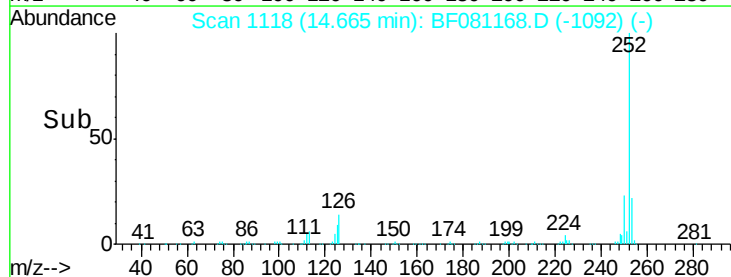
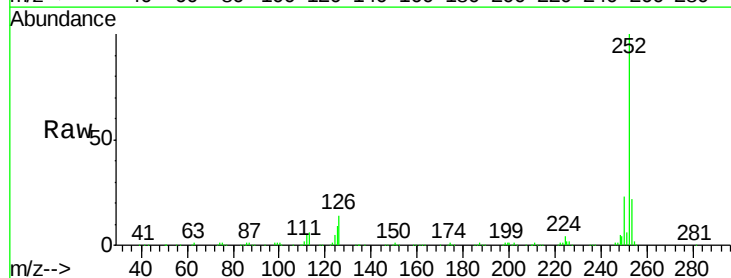
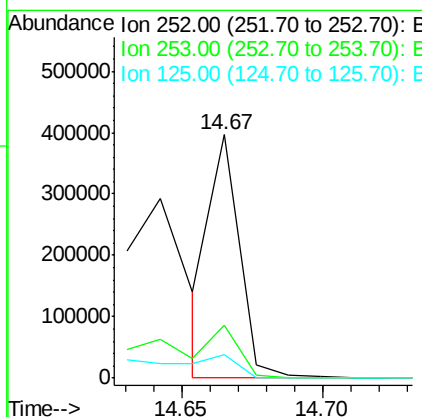
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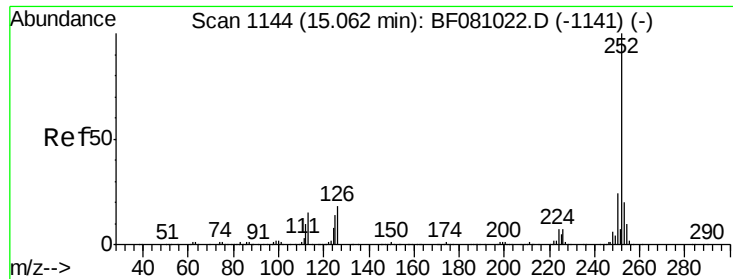
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#88
Benzo(k)fluoranthene
Concen: 28.64 ng m
RT: 14.67 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.4	10.3	15.5





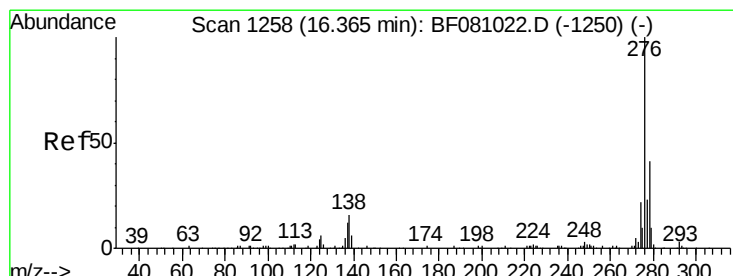
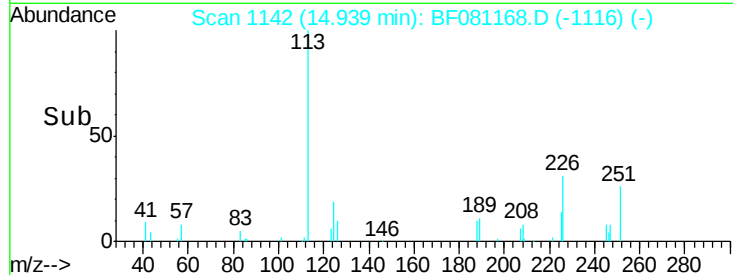
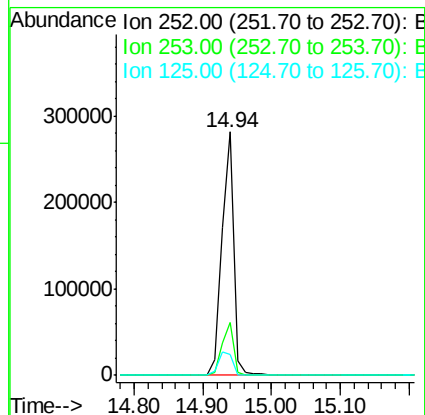
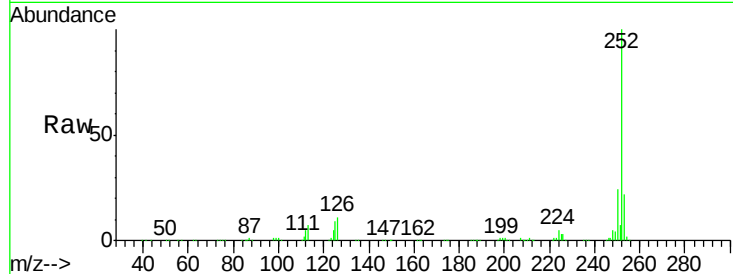
#89
Benzo(a)pyrene
Concen: 35.77 ng
RT: 14.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	343156		
253	21.6	16.6	25.0	
125	8.5	7.8	11.8	

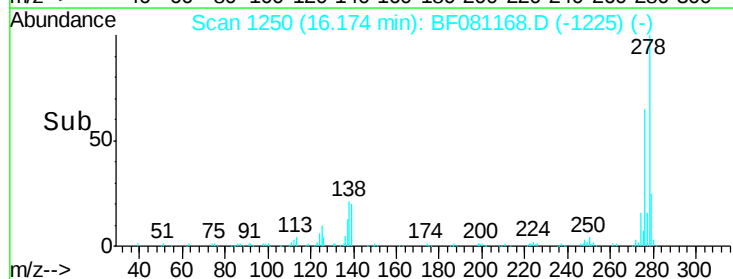
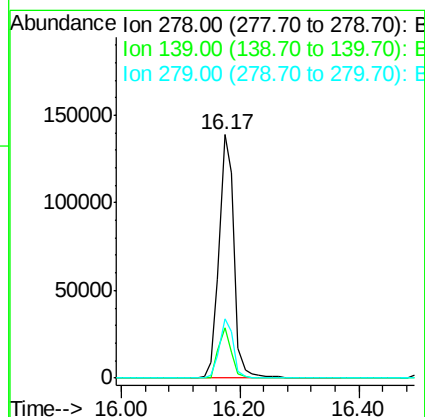
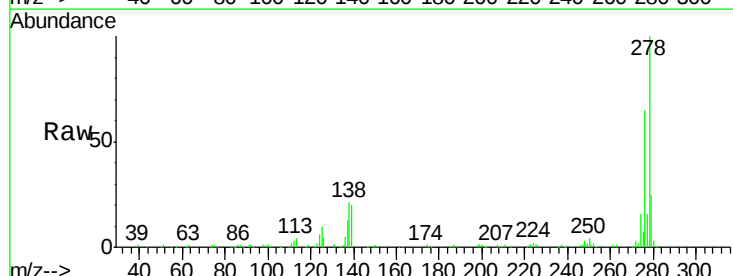
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#90
Dibenzo(a,h)anthracene
Concen: 32.51 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	242965		
139	20.5	10.8	16.2#	
279	24.6	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 31.29 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion:	276	Resp:	237244
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.2	27.2
138	23.0	13.7	20.5#

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