

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078205.D
 Acq On : 2 Apr 2015 17:50
 Operator : TP/IZ
 Sample : PB82450BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:05:41 PM

Quant Time: Apr 03 02:12:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	312	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	564	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	276	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	643	20.00	ng	0.00
75) Chrysene-d12	15.86	240	803	20.00	ng	-0.02
86) Perylene-d12	17.55	264	1166	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	288987	15271.60	ng	0.01
7) Phenol-d6	6.60	99	349502	14737.55	ng	0.00
23) Nitrobenzene-d5	7.71	82	203709	21892.64	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	86523	37798.79	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	444391	23015.28	ng	0.00
78) Terphenyl-d14	14.59	244	519928	14630.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.88	88	34064	3980.87	ng	96
3) Pyridine	2.51	79	105870	4723.19	ng	95
4) n-Nitrosodimethylamine	2.45	42	40324m	4673.64	ng	
6) Aniline	6.60	93	95025	2825.54	ng	# 87
8) 2-Chlorophenol	6.75	128	107754	4815.73	ng	100
9) Benzaldehyde	6.46	77	66569	4235.25	ng	99
10) Phenol	6.62	94	132701	4670.00	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	100609	4923.48	ng	99
12) 1,3-Dichlorobenzene	6.93	146	110229	4484.67	ng	99
13) 1,4-Dichlorobenzene	7.04	146	114797	4640.11	ng	98
14) 1,2-Dichlorobenzene	7.22	146	108600	4681.55	ng	98
15) Benzyl Alcohol	7.21	79	82316	4939.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	135677	4977.58	ng	100
17) 2-Methylphenol	7.37	107	88081	5070.12	ng	99
18) Hexachloroethane	7.63	117	39320	4712.92	ng	# 72
19) n-Nitroso-di-n-propylamine	7.55	70	72133	4610.03	ng	98
20) 3+4-Methylphenols	7.56	107	112602	4858.70	ng	97
22) Acetophenone	7.53	105	147995	11261.97	ng	# 88
24) Nitrobenzene	7.73	77	101577	10442.32	ng	# 77
25) Isophorone	8.04	82	189346	10721.72	ng	100
26) 2-Nitrophenol	8.13	139	52419	11308.32	ng	99
27) 2,4-Dimethylphenol	8.21	122	94856	11004.64	ng	99
28) bis(2-Chloroethoxy)methane	8.33	93	126954	11211.04	ng	99
29) 2,4-Dichlorophenol	8.44	162	87511	11159.54	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	93836	10436.52	ng	99
31) Naphthalene	8.62	128	307368	10470.57	ng	99
32) Benzoic acid	8.34	122	39919	8664.97	ng	93
33) 4-Chloroaniline	8.70	127	77377	6352.04	ng	97
34) Hexachlorobutadiene	8.77	225	50908	10311.94	ng	97
35) Caprolactam	9.13	113	27501	11748.68	ng	98
36) 4-Chloro-3-methylphenol	9.32	107	91893	11613.85	ng	99
37) 2-Methylnaphthalene	9.48	142	215309	10803.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	92262	10788.33	ng	98
40) Hexachlorocyclopentadiene	9.66	237	85107	21154.79	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	61955	11487.41	nq	99
43) 2,4,5-Trichlorophenol	9.88	196	64973	11531.22	nq	97
45) 1,1'-Biphenyl	10.06	154	258887	11467.46	nq	99
46) 2-Chloronaphthalene	10.08	162	197531	11120.62	nq	99
47) 2-Nitroaniline	10.21	65	52201	11878.00	nq	97
48) Acenaphthylene	10.59	152	315162	10987.64	nq	100
49) Dimethylphthalate	10.45	163	223651	10785.98	nq	100
50) 2,6-Dinitrotoluene	10.52	165	48926	11468.57	nq	# 40
51) Acenaphthene	10.80	154	179633	11123.44	nq	99
52) 3-Nitroaniline	10.73	138	40523	8353.78	nq	96
53) 2,4-Dinitrophenol	10.86	184	30183	1773.85	nq	93
54) Dibenzofuran	11.01	168	288704	11704.68	nq	99
55) 4-Nitrophenol	10.97	139	73908	19979.23	nq	94
56) 2,4-Dinitrotoluene	11.03	165	67029	12131.33	nq	98
57) Fluorene	11.44	166	229067	11456.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	52588m	12589.20	nq	
59) Diethylphthalate	11.33	149	230948	11551.32	nq	99
60) 4-Chlorophenyl-phenylether	11.45	204	103561	11259.53	nq	# 77
61) 4-Nitroaniline	11.48	138	54818	11179.05	nq	98
62) Azobenzene	11.64	77	212074	11622.52	nq	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	24626	6347.29	nq	87
65) n-Nitrosodiphenylamine	11.61	169	199624	8975.20	nq	98
66) 4-Bromophenyl-phenylether	12.05	248	63207	9281.90	nq	95
67) Hexachlorobenzene	12.11	284	65687	8802.73	nq	95
68) Atrazine	12.28	200	66977	10396.85	nq	98
69) Pentachlorophenol	12.36	266	58082	15857.67	nq	97
70) Phenanthrene	12.63	178	342426	9206.43	nq	100
71) Anthracene	12.68	178	335028	9141.04	nq	99
72) Carbazole	12.90	167	327339	9529.97	nq	99
73) Di-n-butylphthalate	13.36	149	375685	9654.98	nq	99
74) Fluoranthene	14.09	202	364107	9282.54	nq	97
76) Benzidine	14.28	184	224908	7273.90	nq	98
77) Pyrene	14.36	202	376246	7463.88	nq	97
79) Butylbenzylphthalate	15.21	149	162836	8475.44	nq	92
80) Benzo(a)anthracene	15.85	228	349444	7314.12	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	69500	4343.38	nq	# 98
82) Chrysene	15.89	228	332995	7418.18	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	241164	8003.20	nq	# 97
84) Di-n-octyl phthalate	16.71	149	426207	8614.05	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.85	276	380667	7473.44	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	369000	5120.52	nq	# 94
88) Benzo(k)fluoranthene	17.15	252	302071m	4716.92	nq	
89) Benzo(a)pyrene	17.49	252	323475	5143.40	nq	99
90) Dibenzo(a,h)anthracene	18.88	278	291538	4630.12	nq	97
91) Benzo(g,h,i)perylene	19.23	276	303151	4801.96	nq	98

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

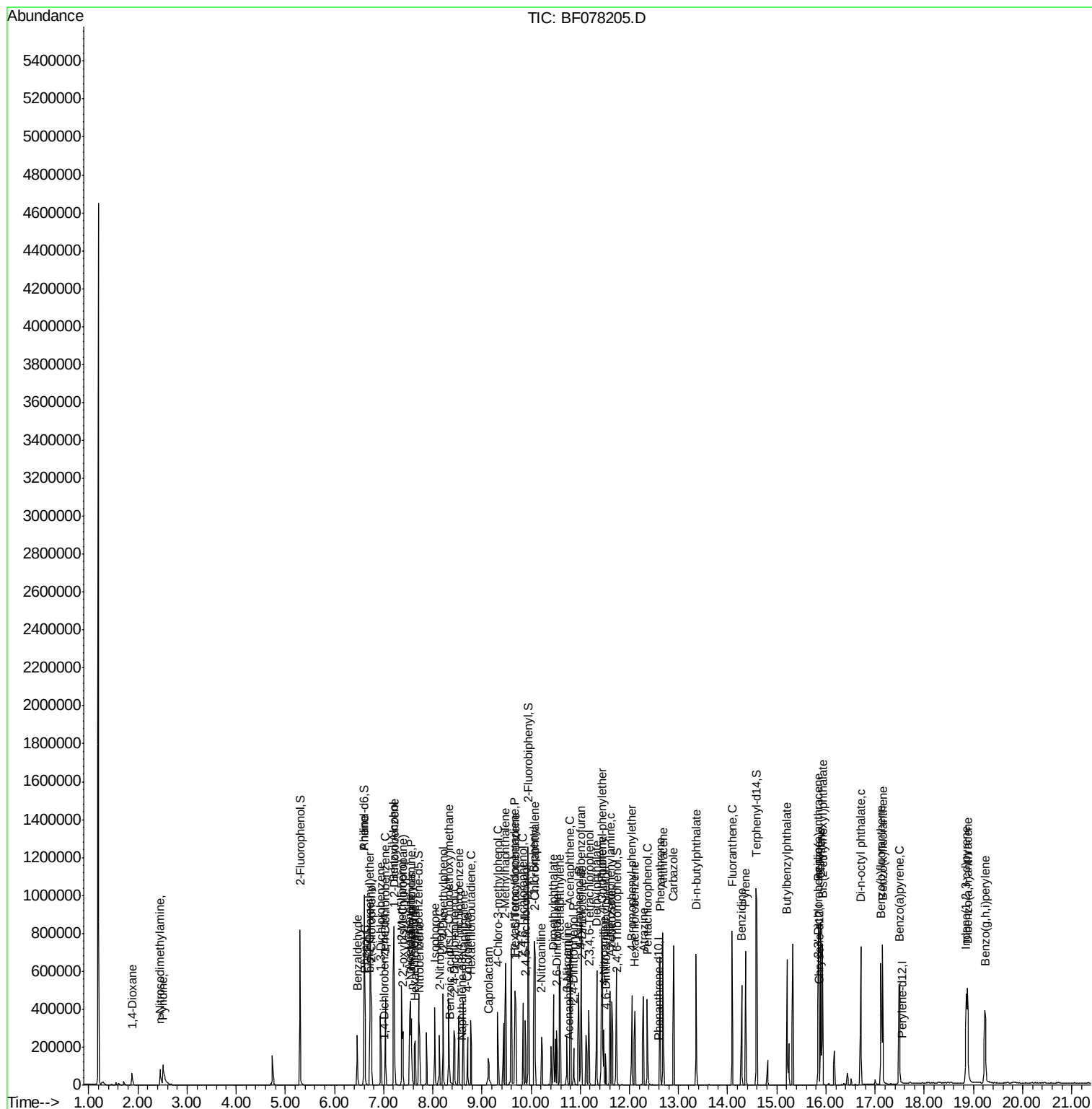
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Operator  : TP/IZ
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Misc      :
ALS Vial  : 10      Sample Multiplier: 1
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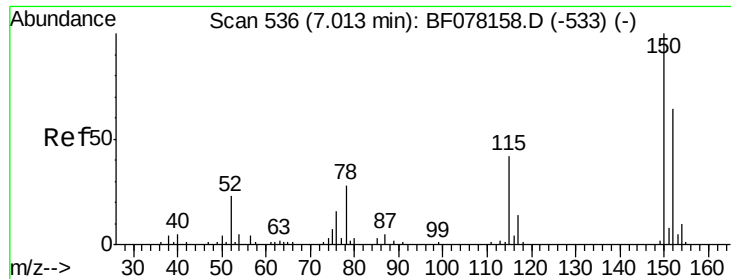
Instrument :
BNA_F
ClientSampleId :
PB82450BS

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#1

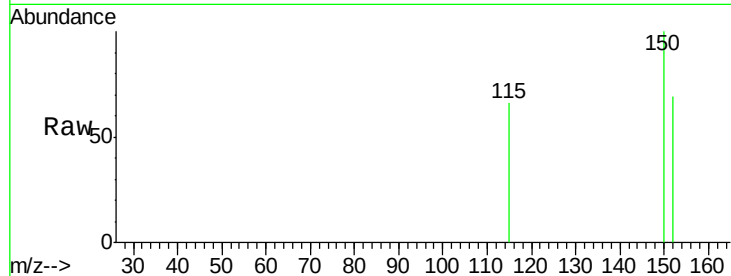
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	125.9	188.9
115	95.4	52.7	79.1

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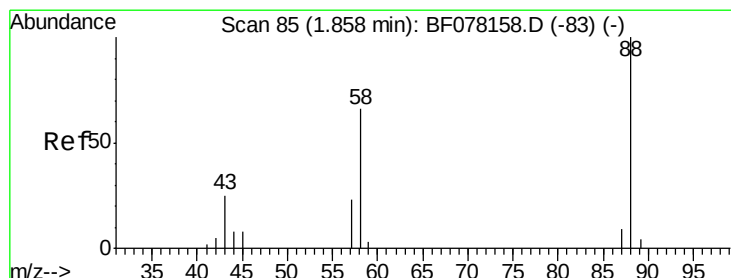
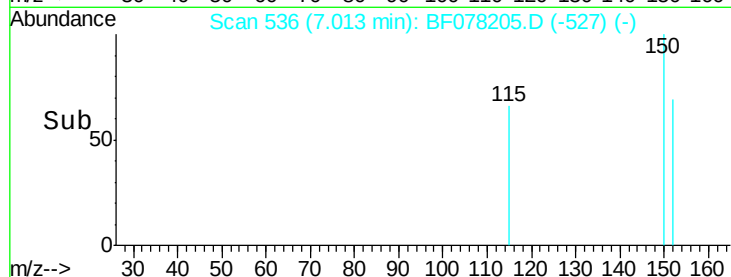
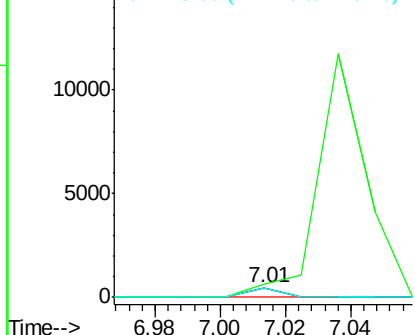


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

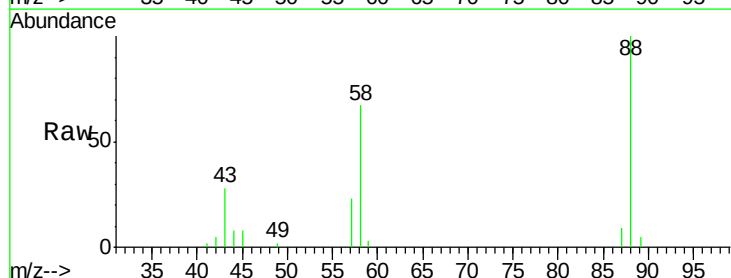
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3980.87 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	56.9	85.3
43	29.1	21.4	32.2

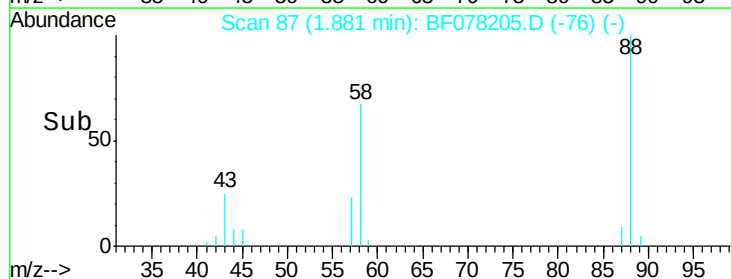
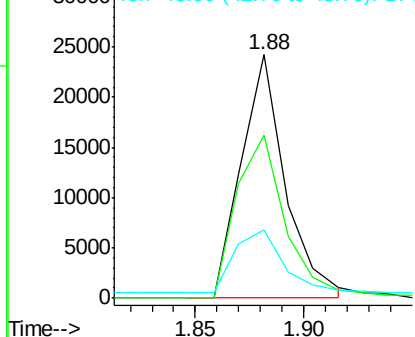


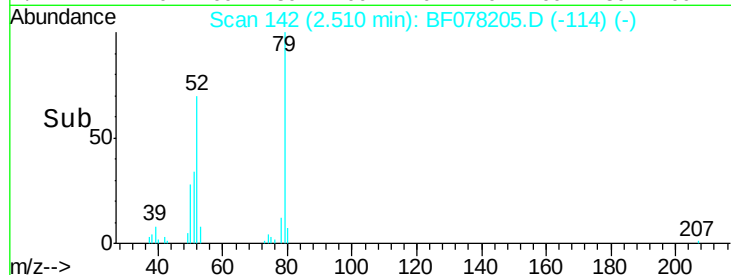
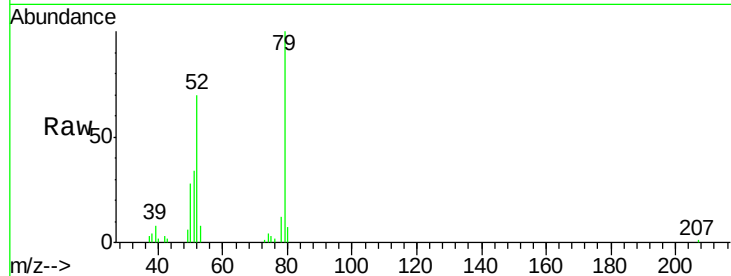
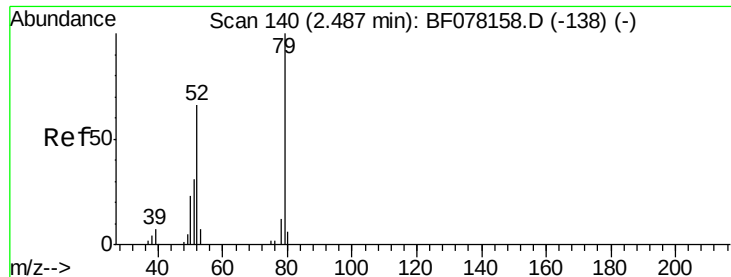
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





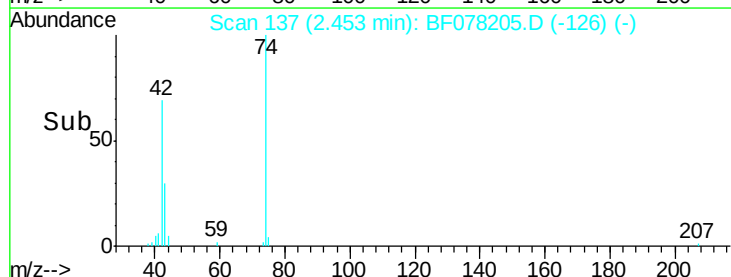
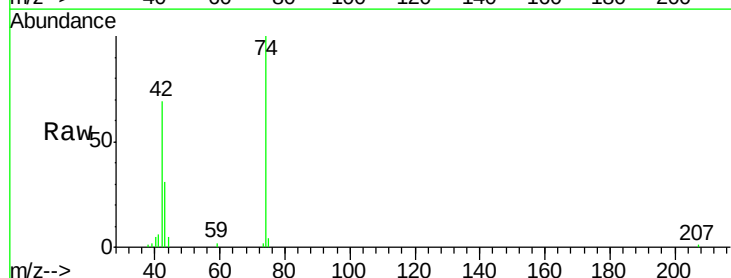
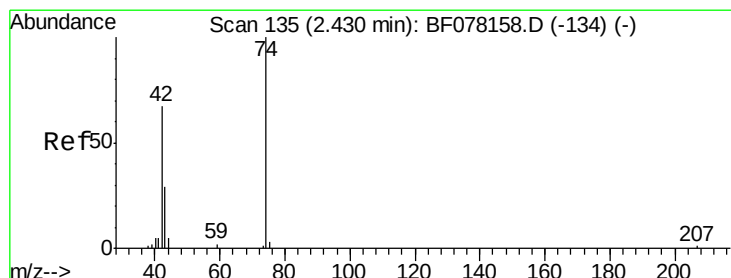
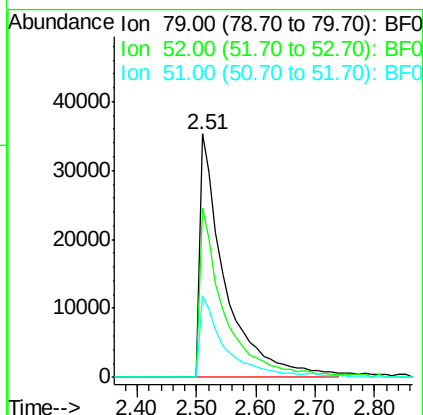
#3
 Pvridine
 Concen: 4723.19 ng
 RT: 2.51 min Scan# 142
 Delta R.T. 0.02 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.7	52.4	78.6
51	33.5	24.9	37.3

Instrument :
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 PB82450BS

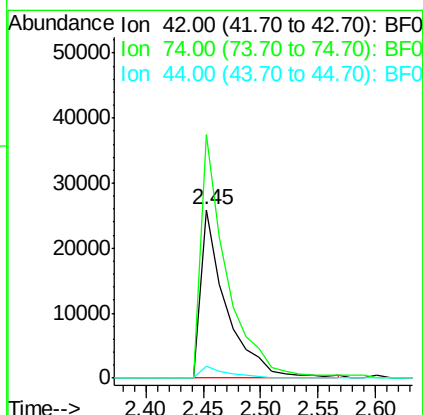
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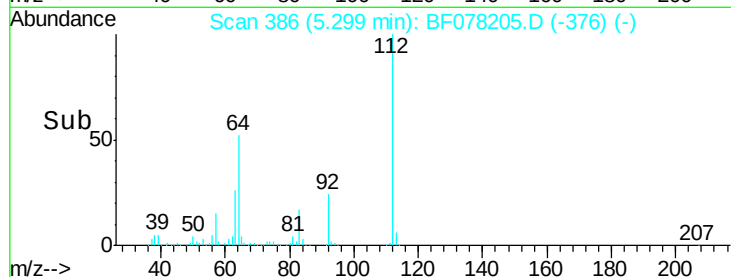
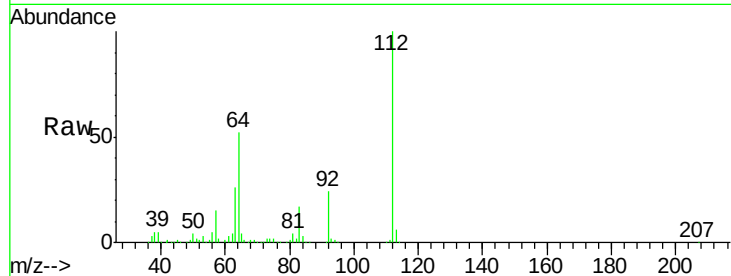
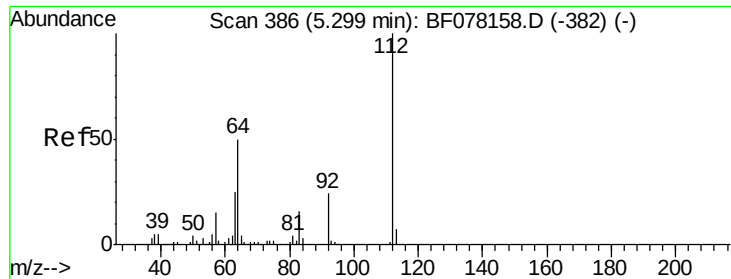
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#4
 n-Nitrosodimethylamine
 Concen: 4673.64 ng m
 RT: 2.45 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.9	118.7	178.1
44	7.5	5.9	8.9





#5

2-Fluorophenol

Concen: 15271.60 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tot Ion	Ratio	Resp	Lower	Upper
112	100	288987		
64	51.9	39.9	59.9	
63	26.2	20.2	30.4	

Instrument :

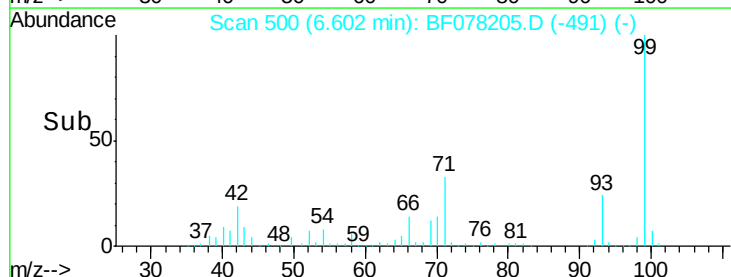
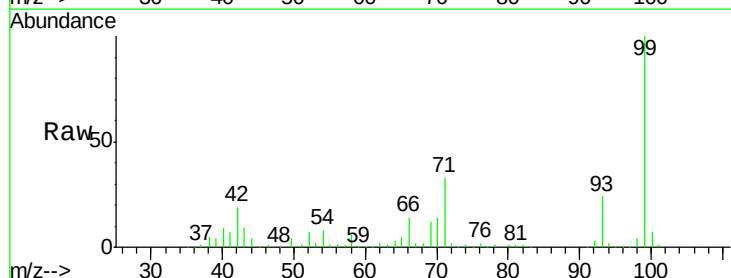
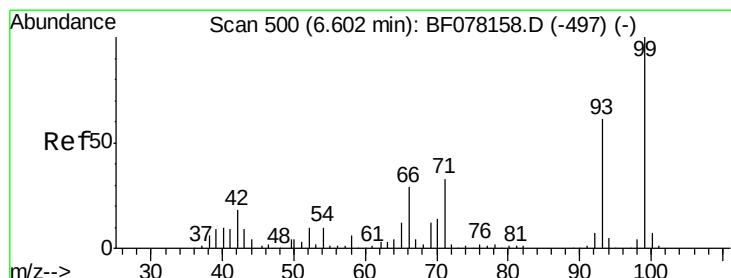
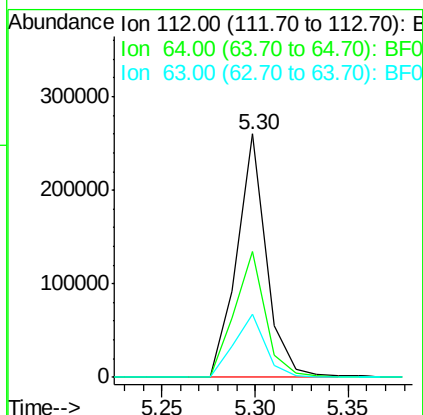
BNA_F

ClientSampleId :

PB82450BS

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#6

Aniline

Concen: 2825.54 ng

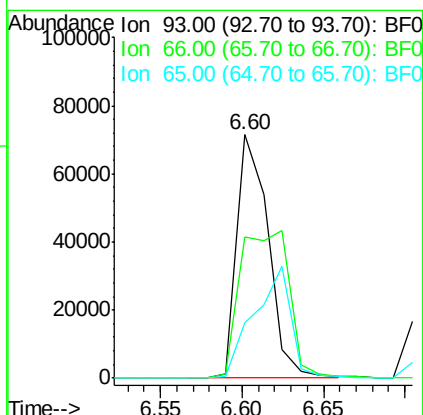
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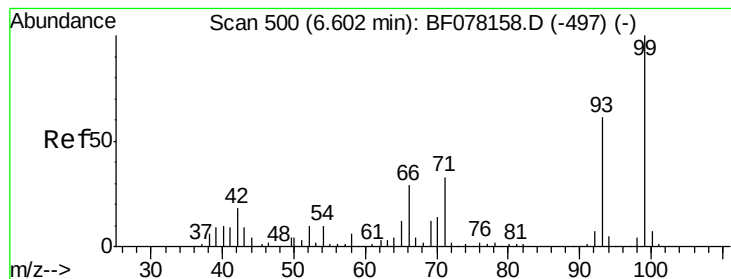
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	95025		
66	58.1	38.0	57.0#	
65	22.7	16.3	24.5	





#7

Phenol-d6

Concen: 14737.55 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

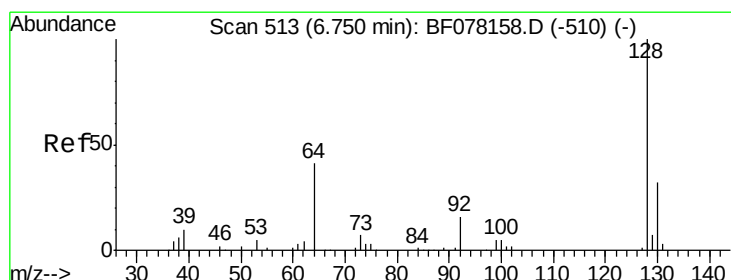
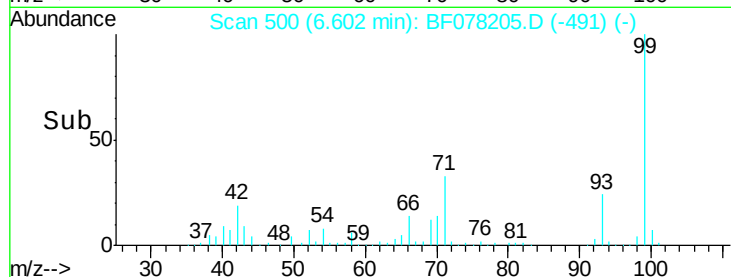
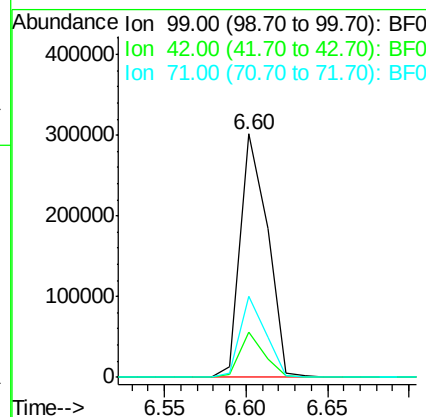
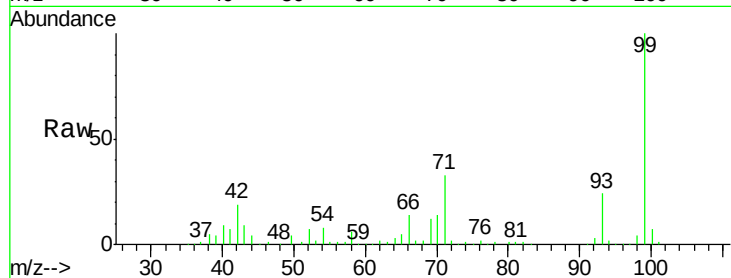
ClientSampleId :

PB82450BS

Tot Ion:	99	Resp:	349502
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.8	22.2
71	33.2	26.6	39.8

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#8

2-Chlorophenol

Concen: 4815.73 ng

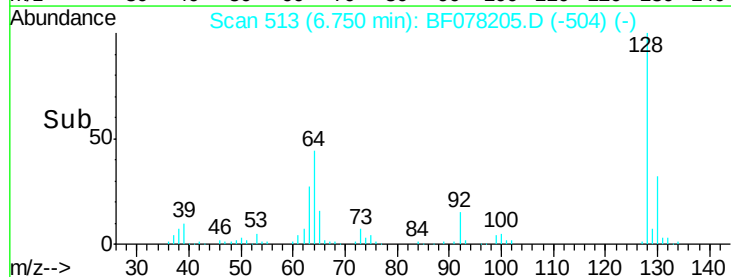
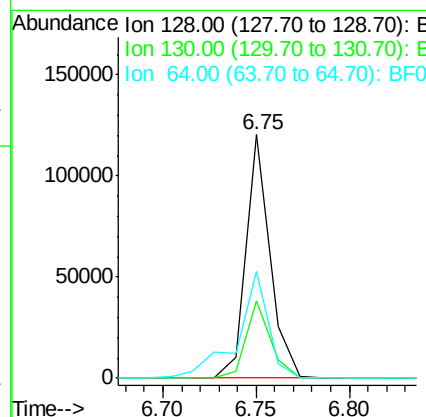
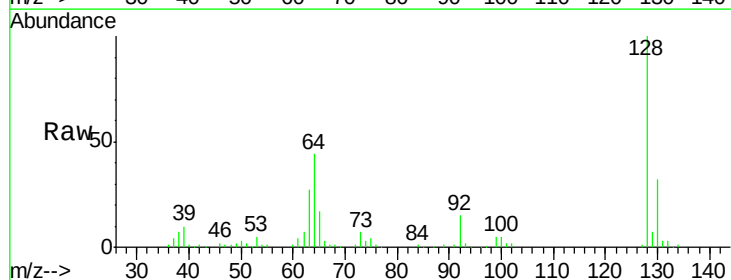
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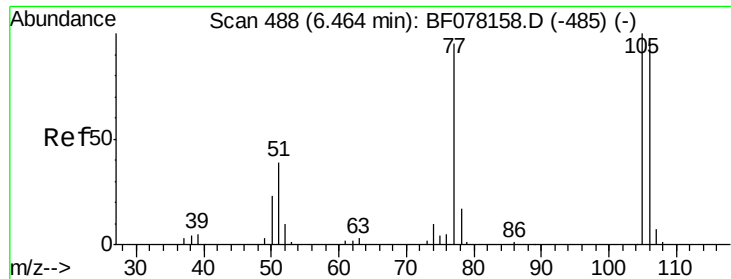
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	128	Resp:	107754
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	43.7	23.8	63.8





#9

Benzaldehyde

Concen: 4235.25 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

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Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

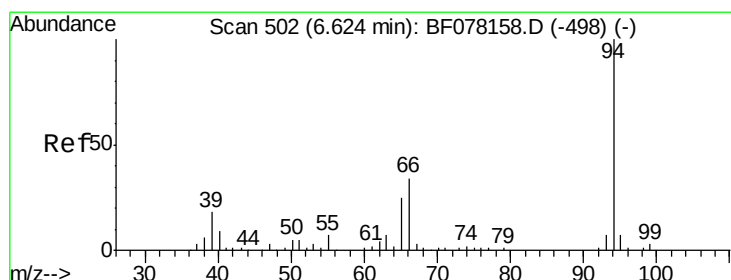
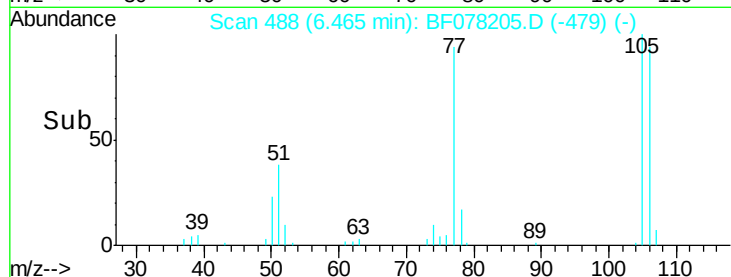
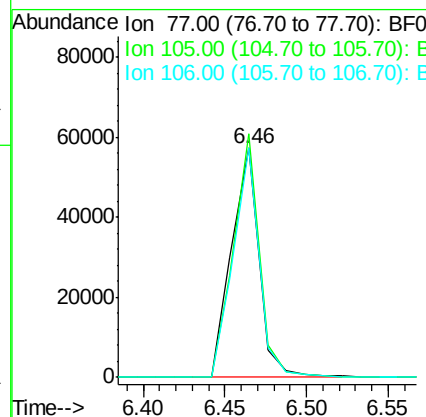
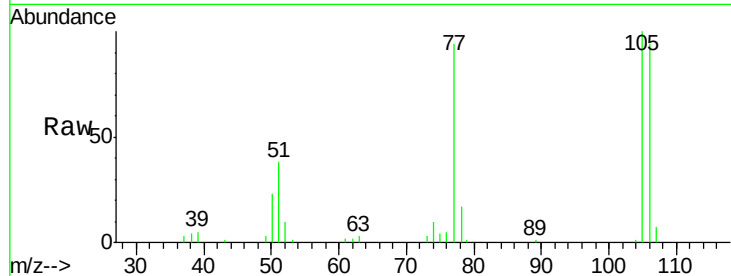
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Tot Ion:	77	Resp:	66569
Ion	Ratio	Lower	Upper
77	100		
105	106.2	85.4	125.4
106	100.0	80.8	120.8

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#10

Phenol

Concen: 4670.00 ng

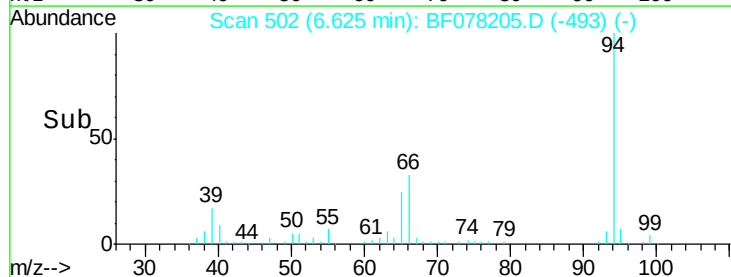
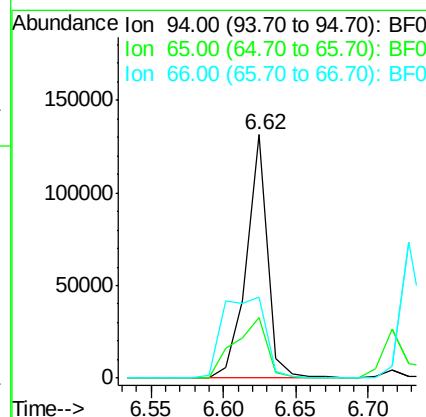
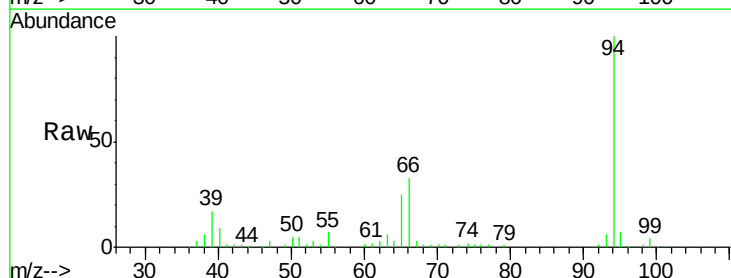
RT: 6.62 min Scan# 502

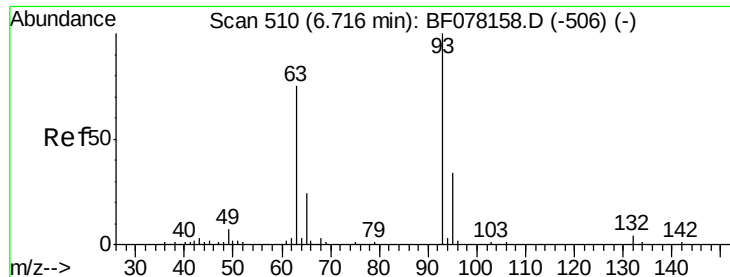
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	94	Resp:	132701
Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.9	44.9
66	33.1	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 4923.48 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

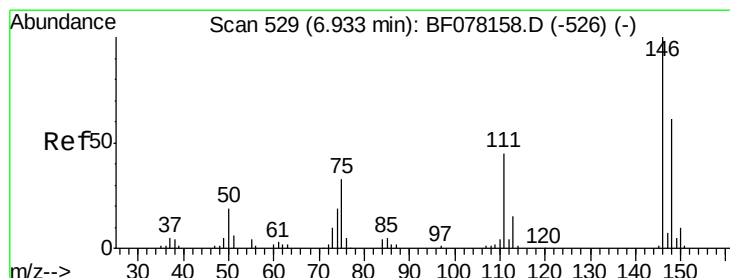
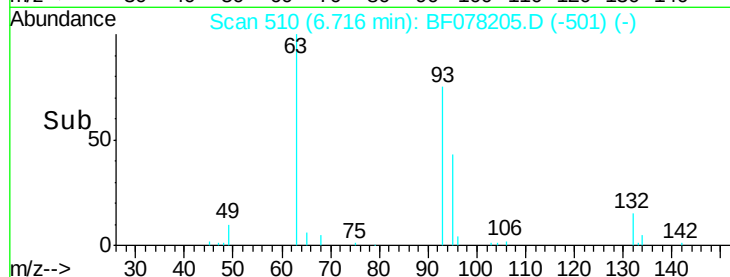
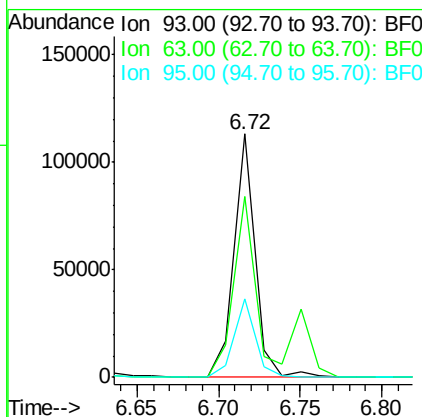
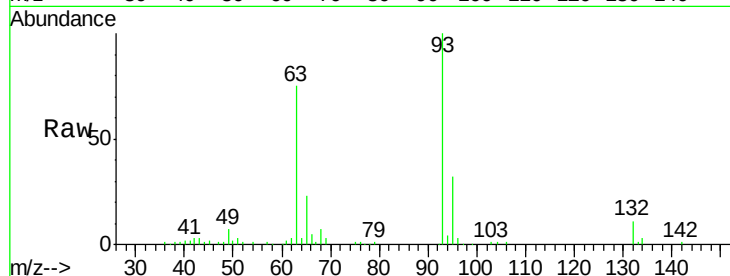
ClientSampleId :

PB82450BS

Tot Ion	93	Resp	100609
Ion Ratio	Lower	Upper	
93	100		
63	74.5	54.6	94.6
95	32.3	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 4484.67 ng

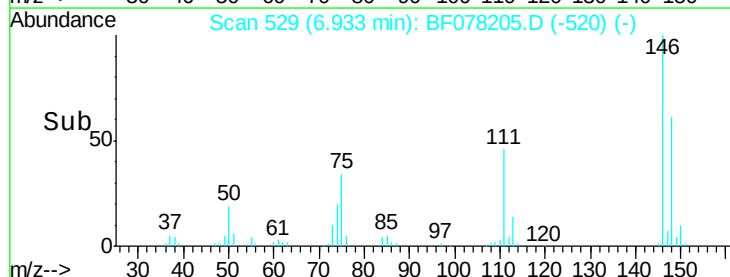
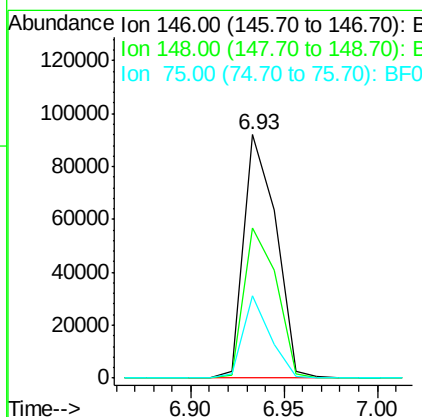
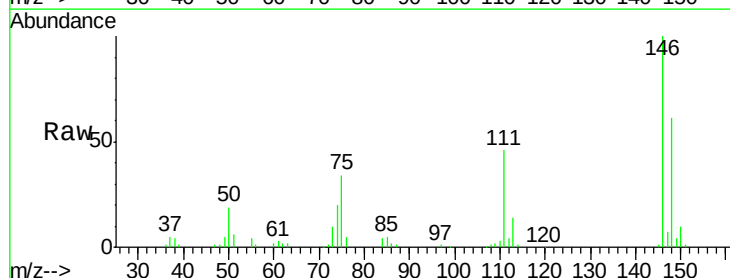
RT: 6.93 min Scan# 529

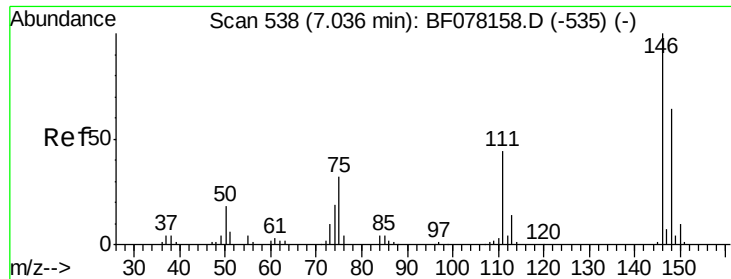
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion	146	Resp	110229
Ion Ratio	Lower	Upper	
146	100		
148	61.5	49.1	73.7
75	34.0	26.6	40.0





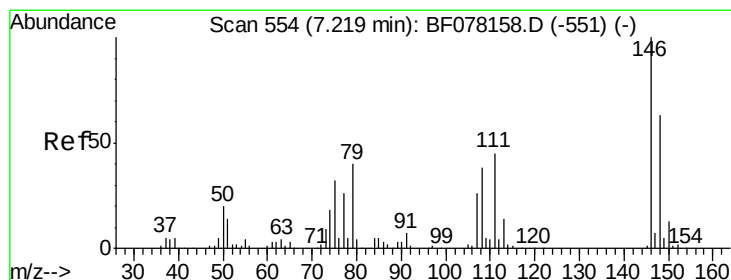
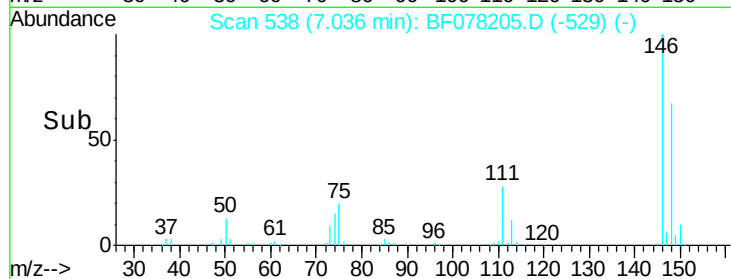
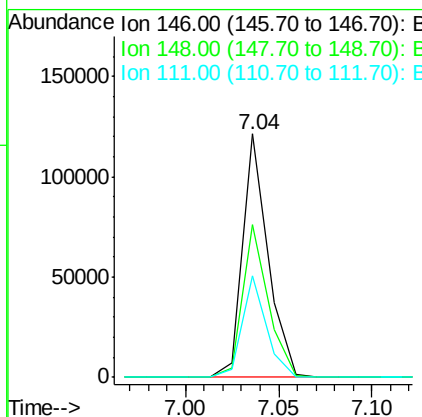
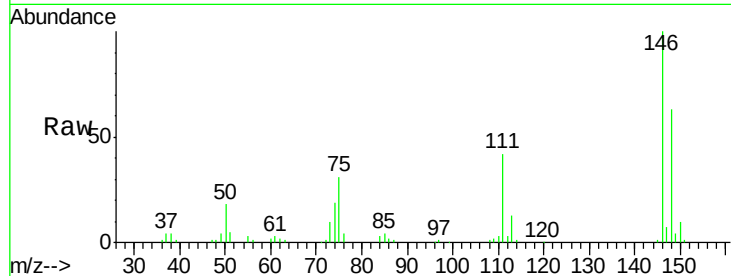
#13
 1,4-Dichlorobenzene
 Concen: 4640.11 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
111	41.6	35.0	52.4

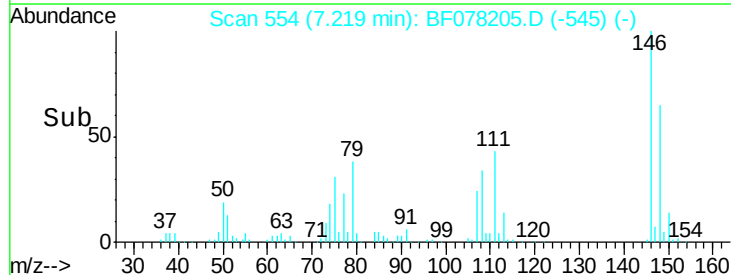
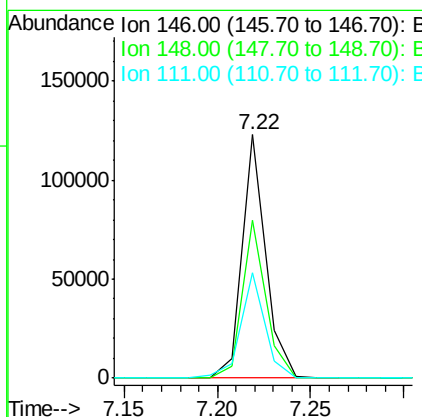
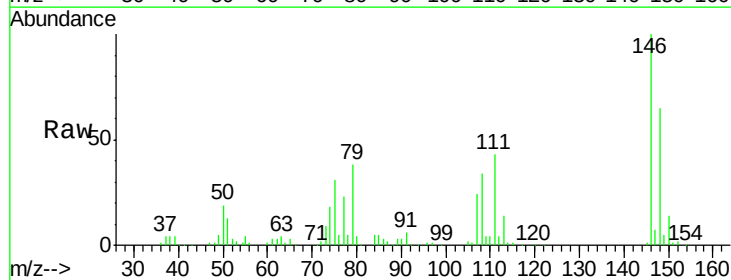
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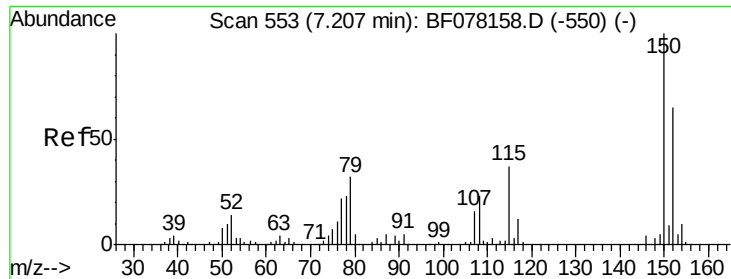
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#14
 1,2-Dichlorobenzene
 Concen: 4681.55 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
111	43.4	36.1	54.1





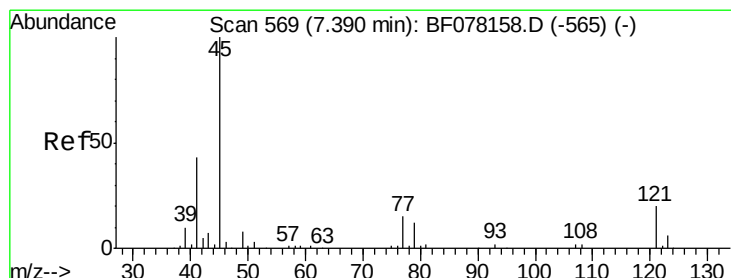
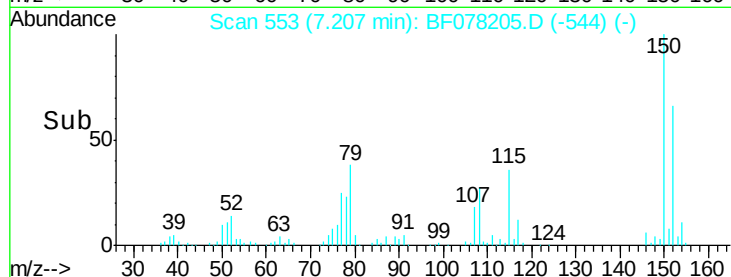
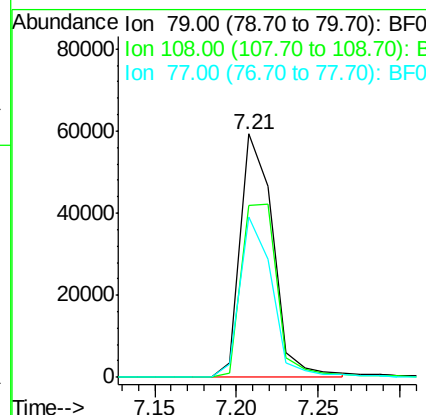
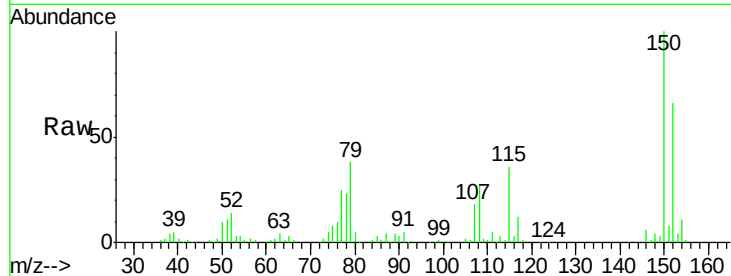
#15
Benzyl Alcohol
Concen: 4939.43 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	70.7	57.6	86.4	
77	65.7	53.5	80.3	

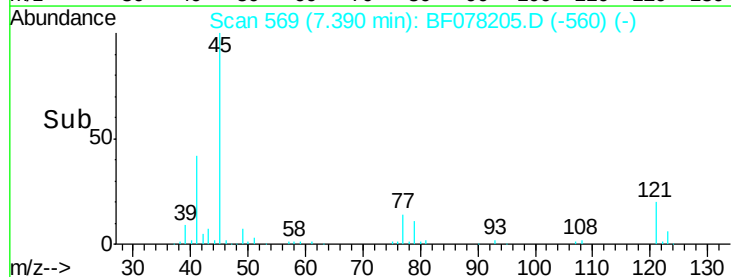
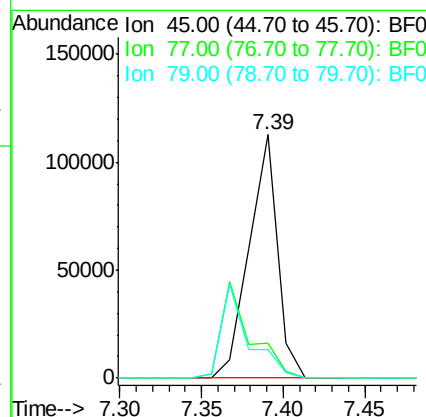
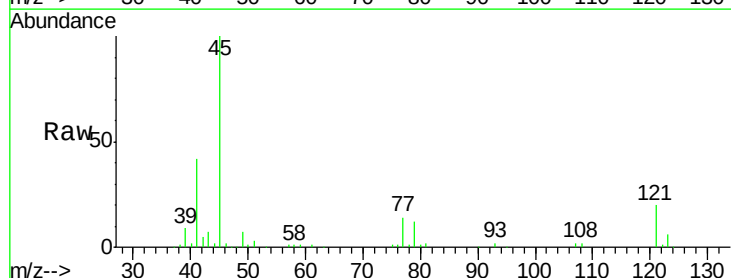
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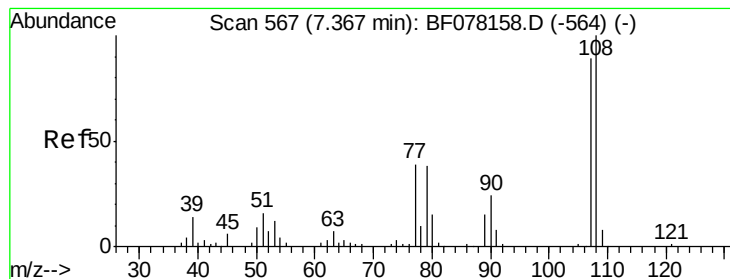
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#16
2,2'-oxybis(1-chloropropane)
Concen: 4977.58 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	34.5	
79	11.6	0.0	31.9	





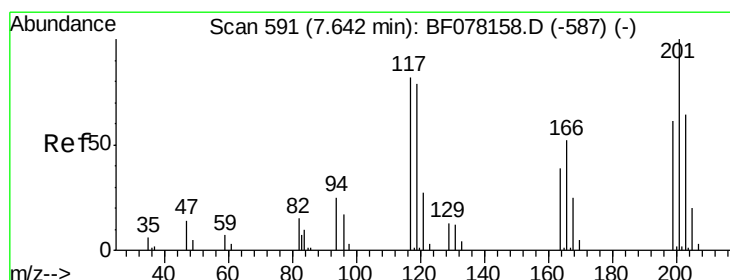
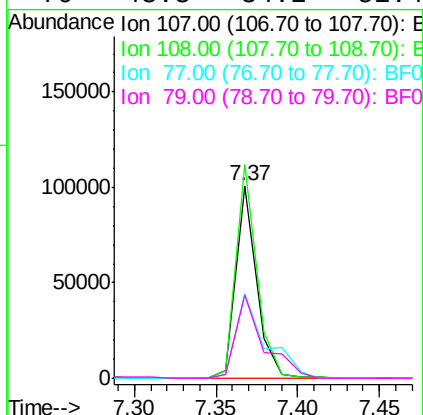
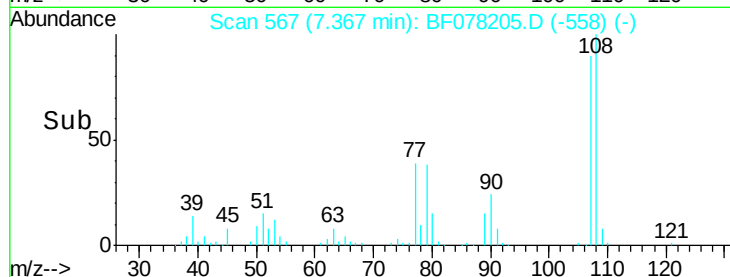
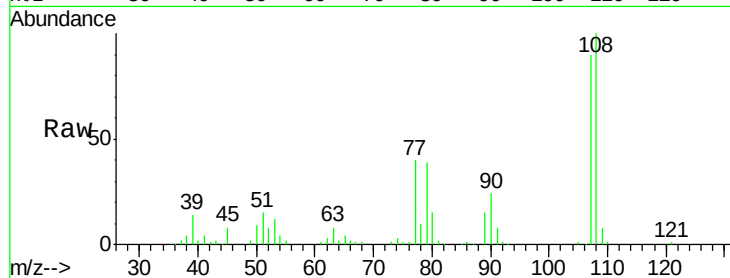
#17
2-Methylphenol
Concen: 5070.12 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	107	Resp	88081
Ion Ratio	Lower	Upper	
107	100		
108	111.2	90.3	135.5
77	44.1	35.5	53.3
79	43.3	34.2	51.4

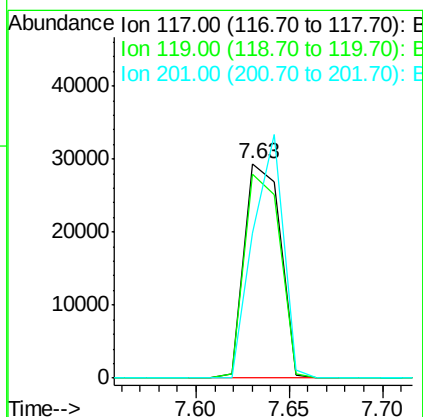
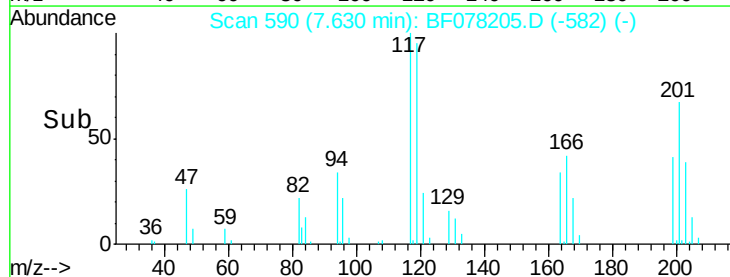
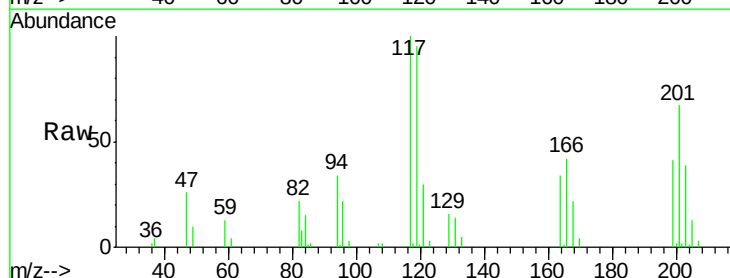
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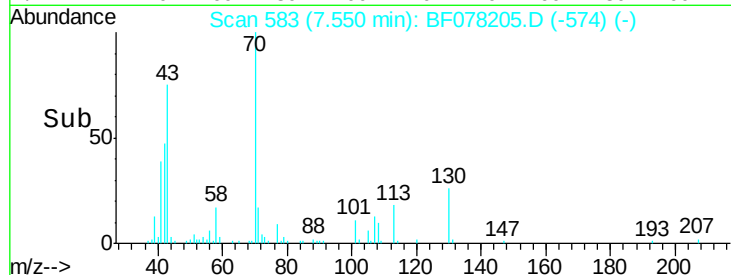
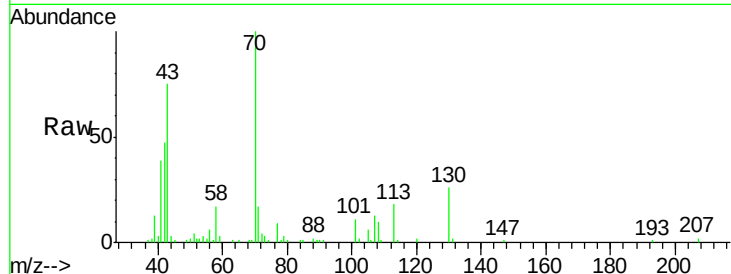
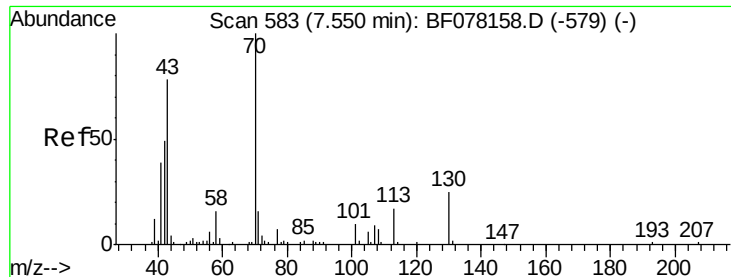
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#18
Hexachloroethane
Concen: 4712.92 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	117	Resp	39320
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.0	115.6
201	67.4	98.1	147.1#





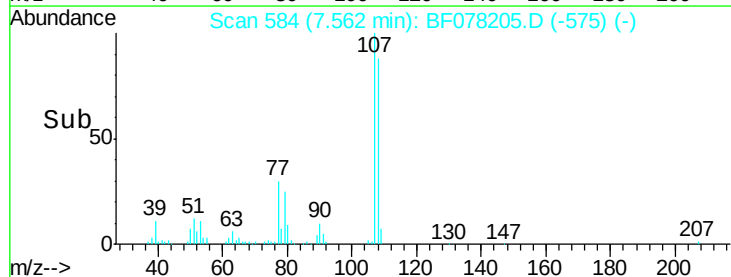
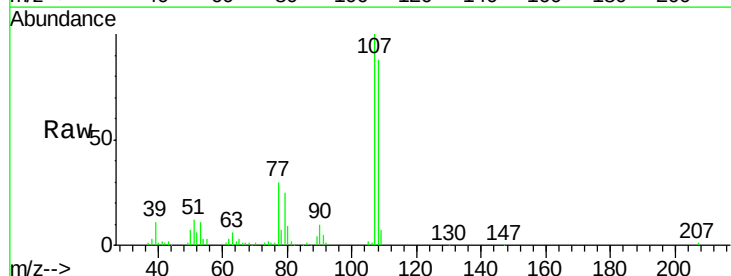
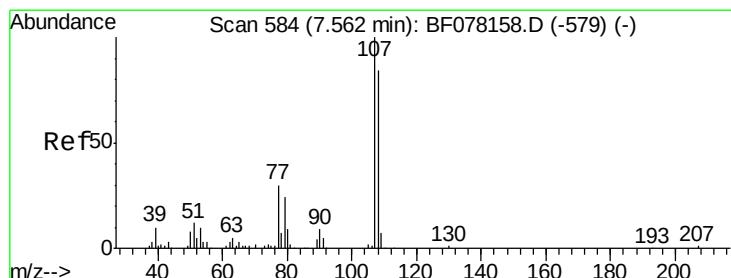
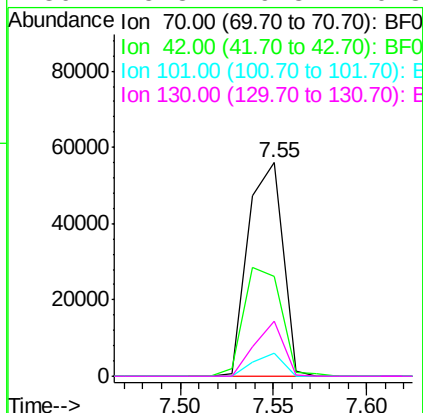
#19
n-Nitroso-di-n-propylamine
Concen: 4610.03 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Manual Integrations
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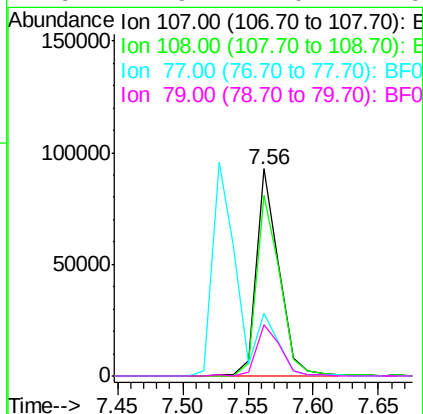
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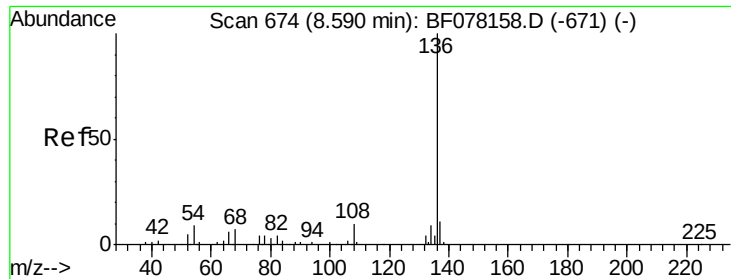
Tot Ion	Ion	Ratio	Lower	Upper
72133	70	100		
	42	46.9	38.9	58.3
	101	10.8	8.3	12.5
	130	25.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 4858.70 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
112602	107	100		
	108	87.6	64.4	104.4
	77	30.2	9.7	49.7
	79	24.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

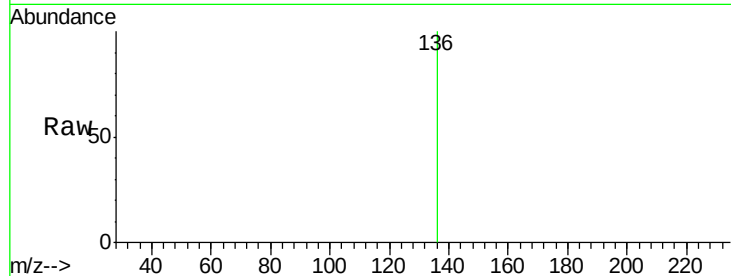
ClientSampleId :

PB82450BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	0.0	9.0	13.4#
54	0.0	7.0	10.6#
68	0.0	5.4	8.2#

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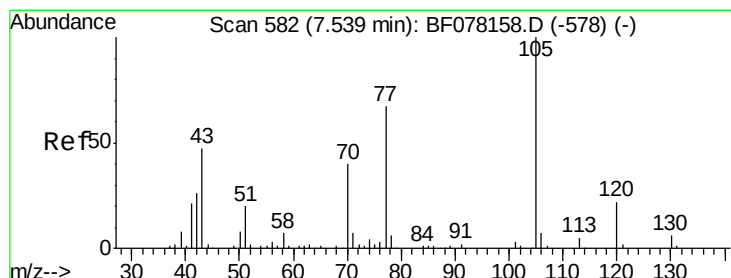
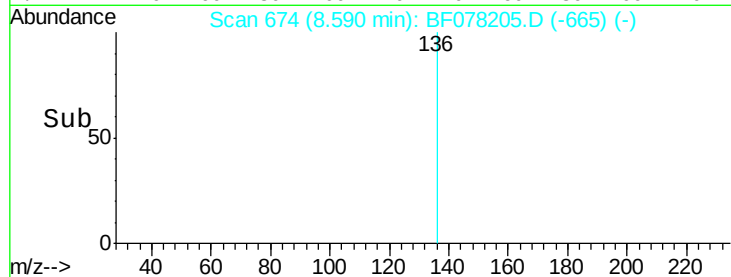
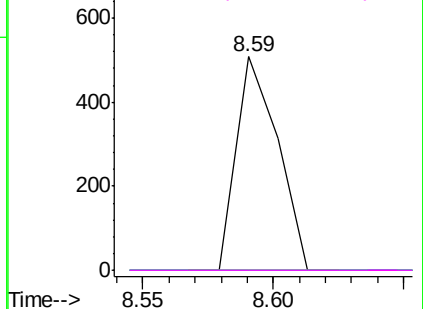


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 11261.97 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

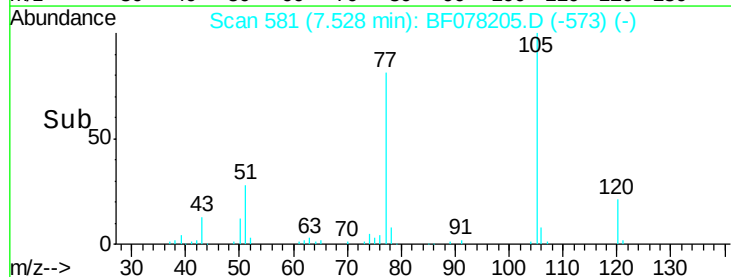
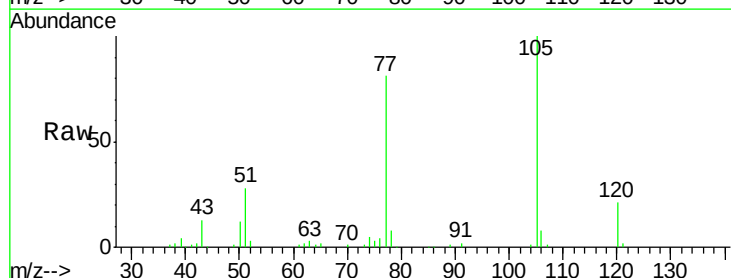
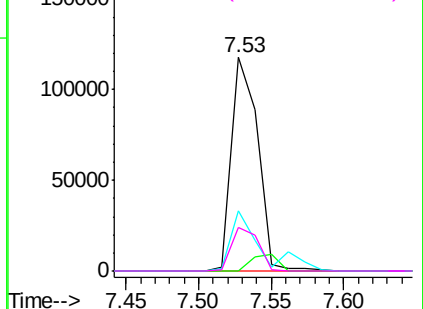
Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	28.4	16.0	24.0#
120	20.6	17.8	26.6

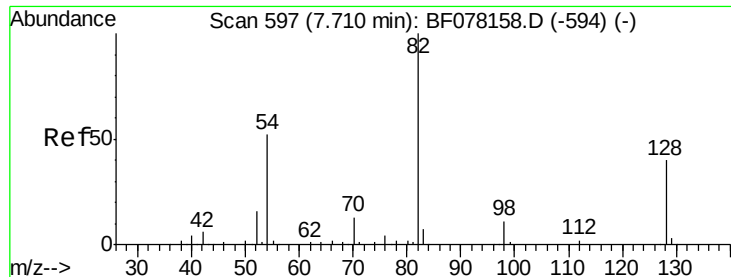
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





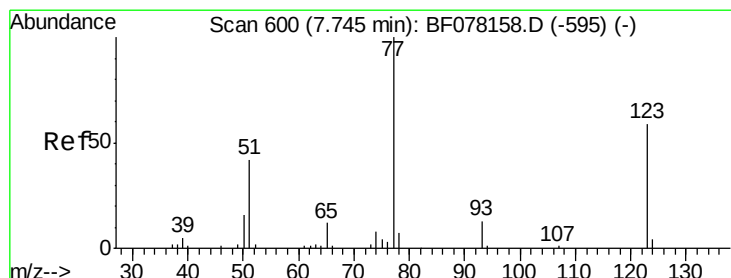
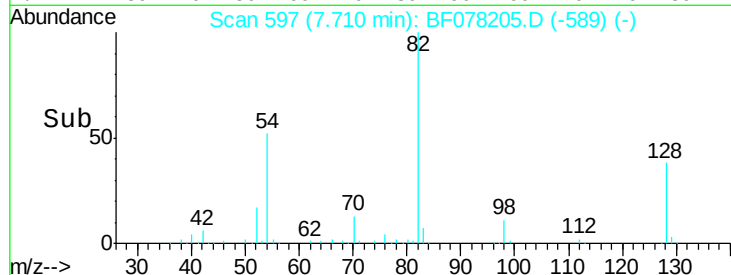
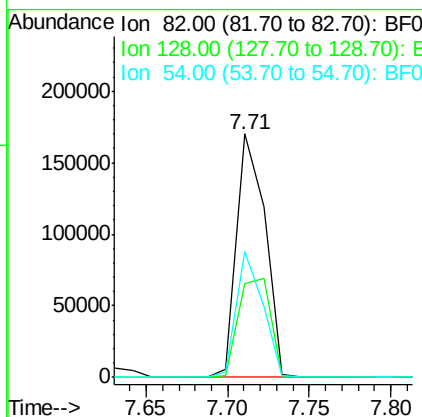
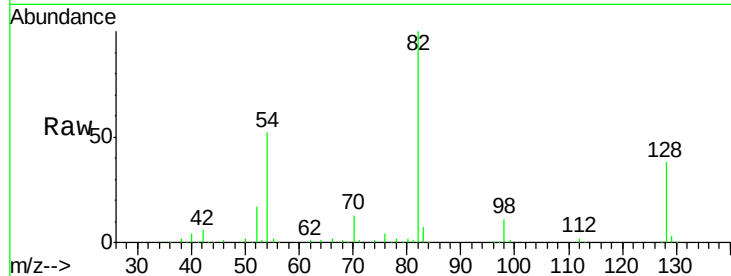
#23
 Nitrobenzene-d5
 Concen: 21892.64 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	203709		
128	38.3		31.8	47.8
54	51.8		41.5	62.3

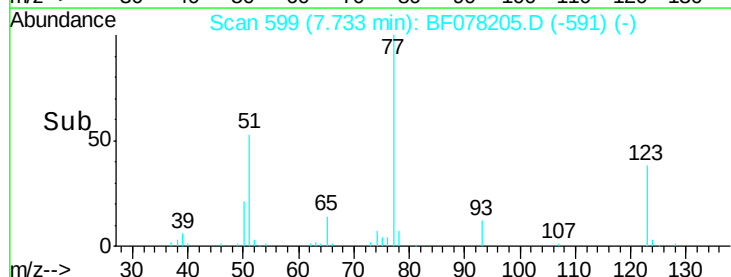
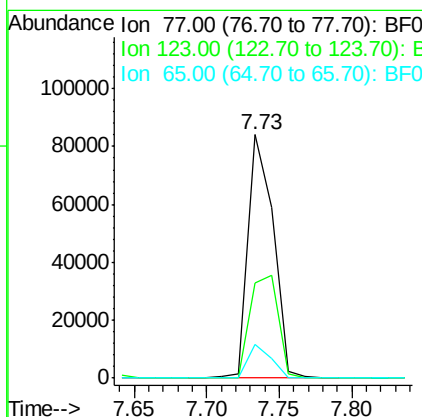
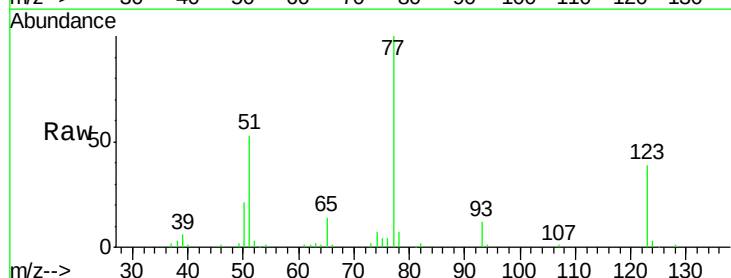
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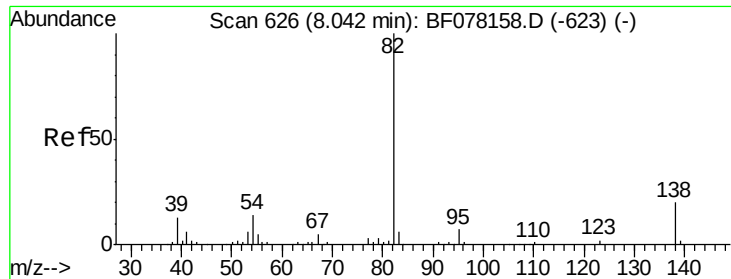
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#24
 Nitrobenzene
 Concen: 10442.32 ng
 RT: 7.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	101577		
123	39.0		46.9	70.3#
65	13.8		9.5	14.3





#25

Isophorone

Concen: 10721.72 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

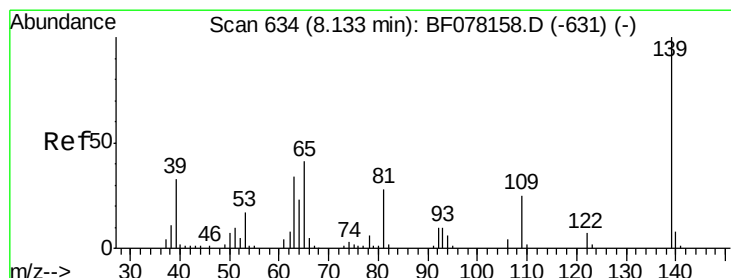
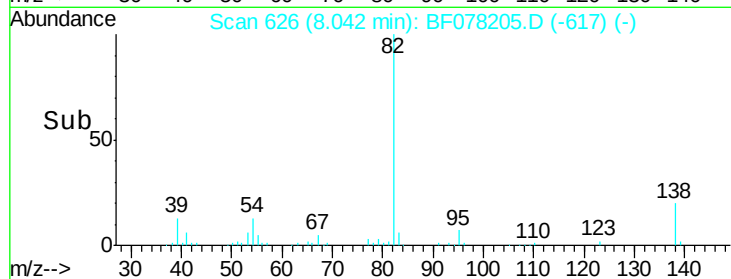
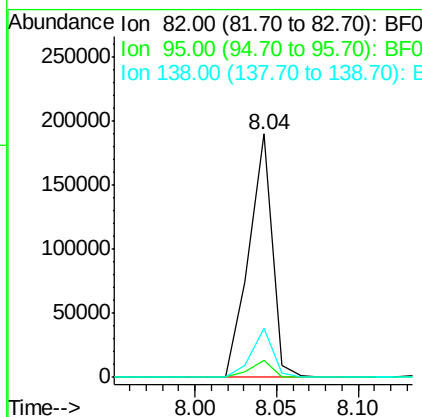
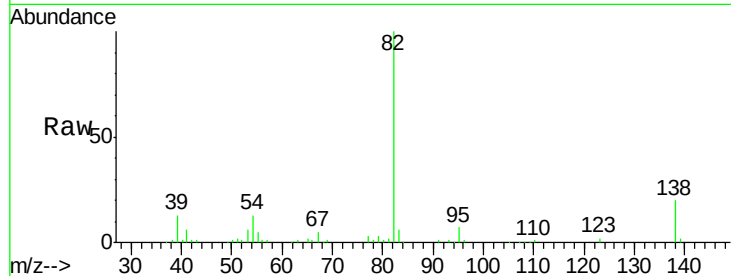
ClientSampleId :

PB82450BS

Tot Ion:	82	Resp:	189346
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.7	8.5
138	20.0	15.8	23.8

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#26

2-Nitrophenol

Concen: 11308.32 ng

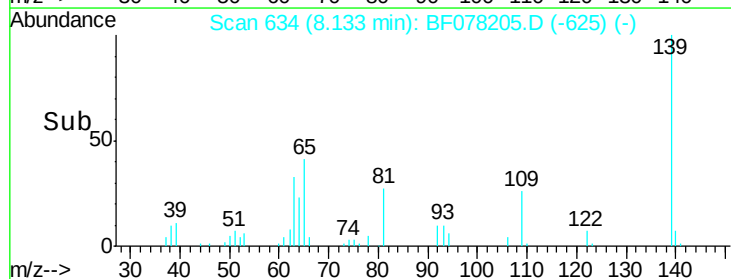
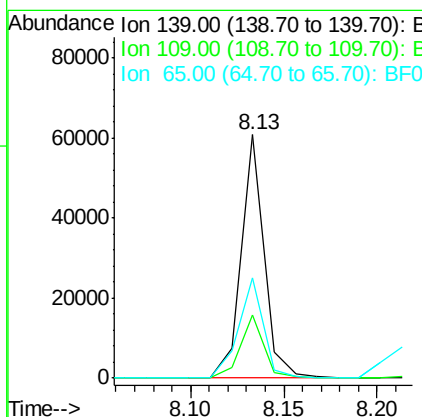
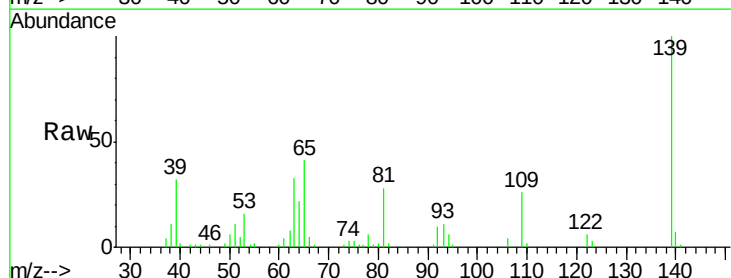
RT: 8.13 min Scan# 634

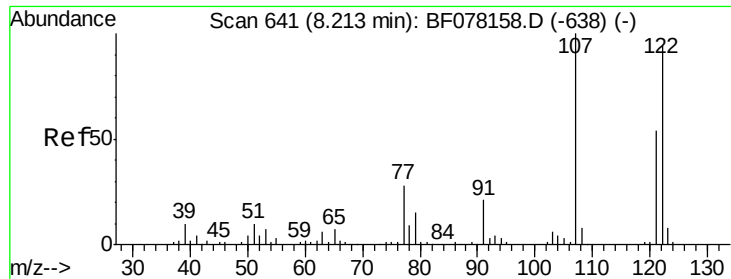
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	139	Resp:	52419
Ion Ratio		Lower	Upper
139	100		
109	26.0	19.8	29.8
65	41.4	32.7	49.1





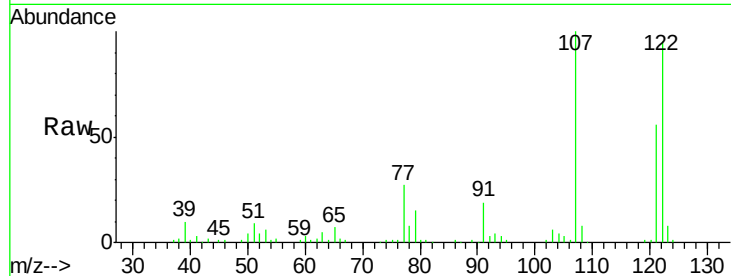
#27
 2,4-Dimethylphenol
 Concen: 11004.64 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampled :
 PB82450BS

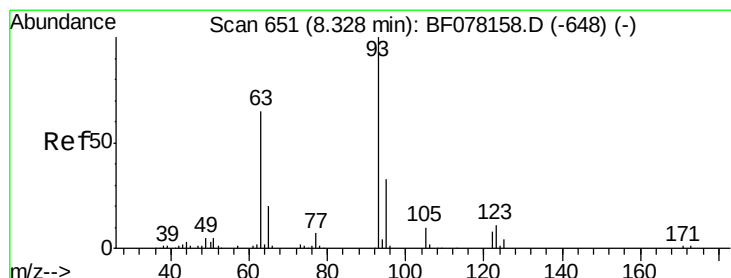
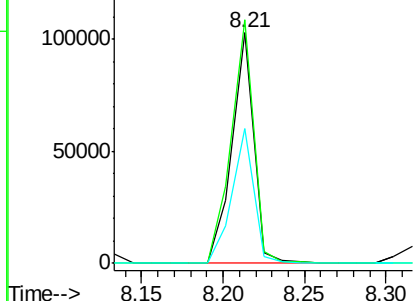
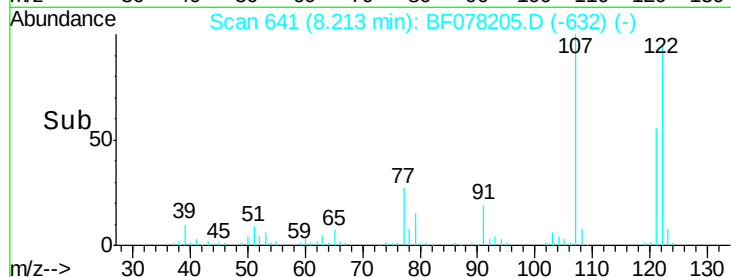
Tot Ion	Ratio	Resp	Lower	Upper
122	100	94856		
107	105.5	84.6	127.0	
121	58.6	46.0	69.0	

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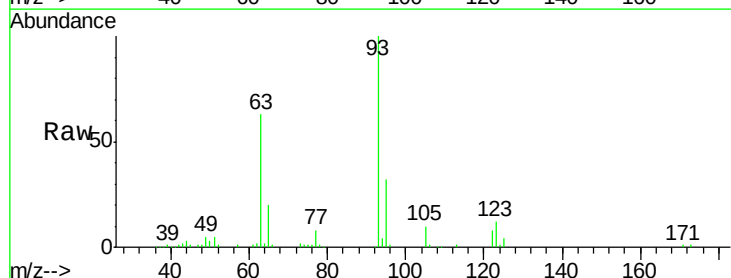


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

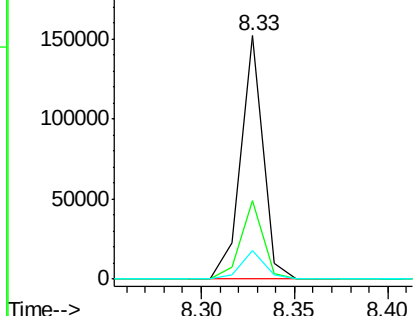
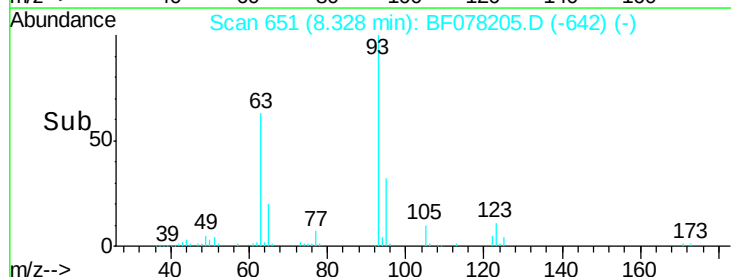


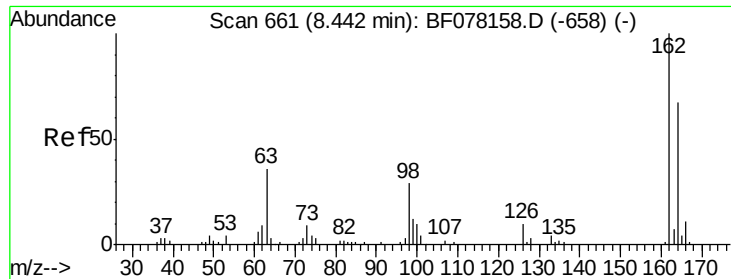
#28
 bis(2-Chloroethoxy)methane
 Concen: 11211.04 ng
 RT: 8.33 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	126954		
95	32.4	26.3	39.5	
123	11.5	9.1	13.7	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





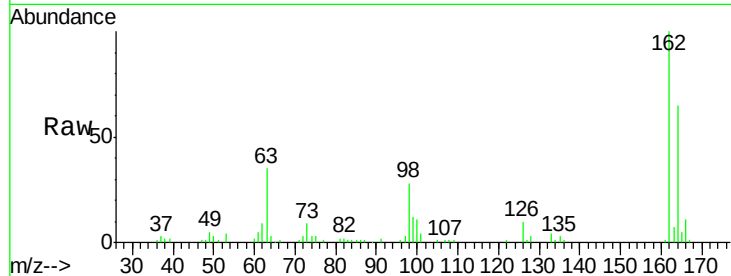
#29
 2,4-Dichlorophenol
 Concen: 11159.54 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

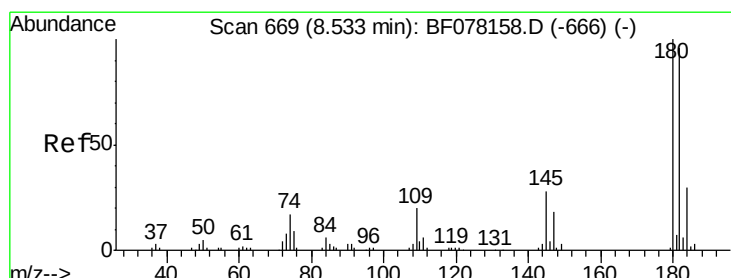
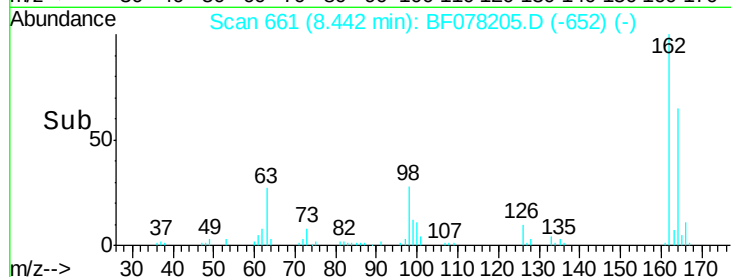
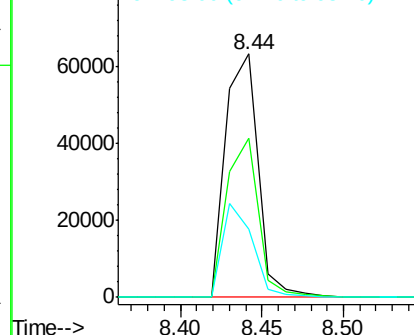
Tot Ion	Ratio	Resp	Lower	Upper
162	100	87511		
164	65.3	47.0	87.0	
98	28.1	9.2	49.2	

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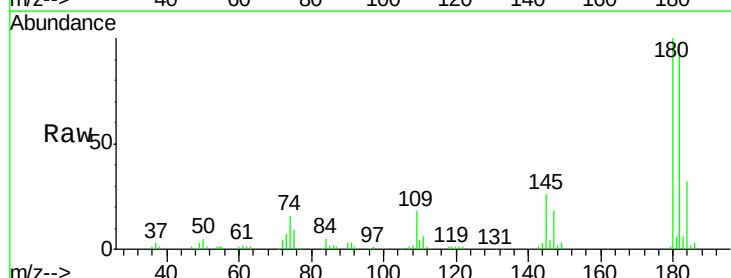


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

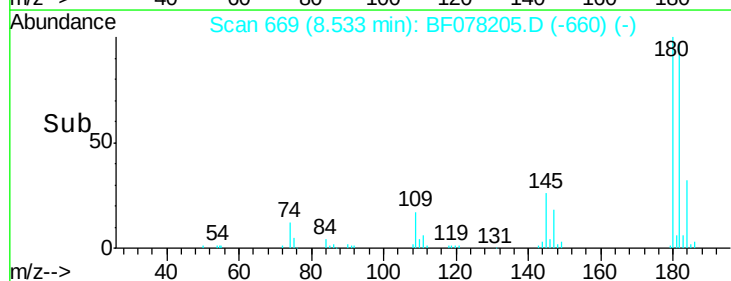
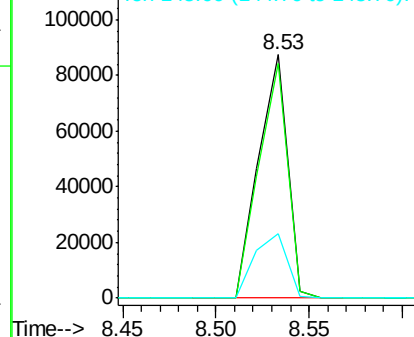


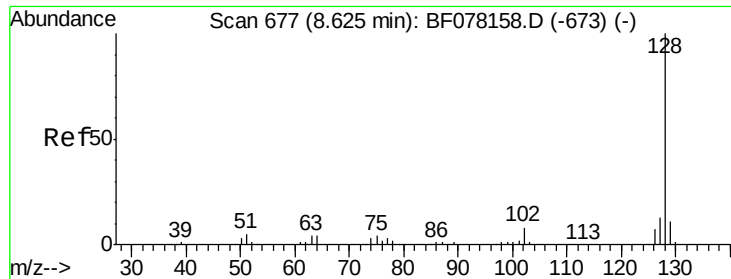
#30
 1,2,4-Trichlorobenzene
 Concen: 10436.52 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93836		
182	96.6	76.9	115.3	
145	26.5	22.5	33.7	



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





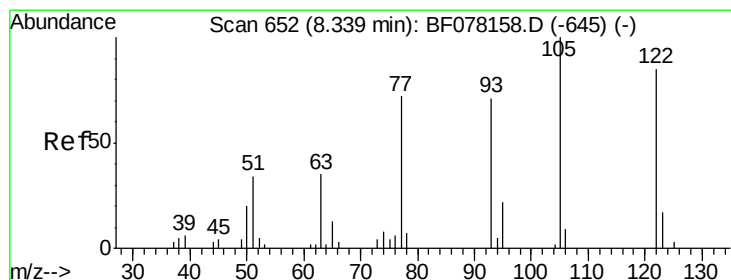
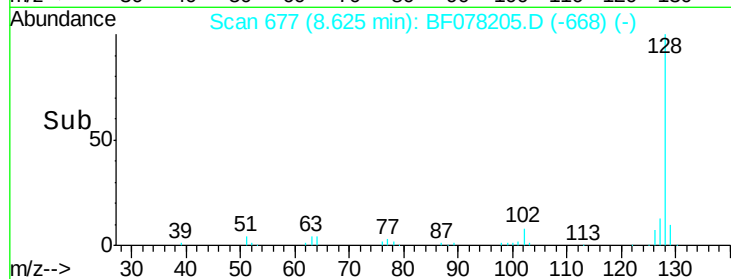
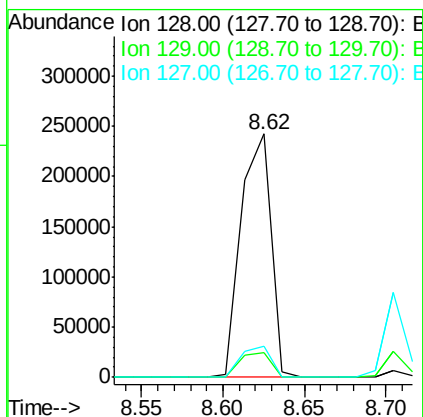
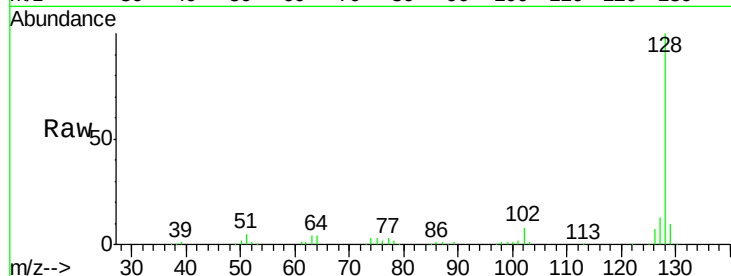
#31
Naphthalene
Concen: 10470.57 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	307368		
129	10.2		8.6	12.8
127	13.0		10.7	16.1

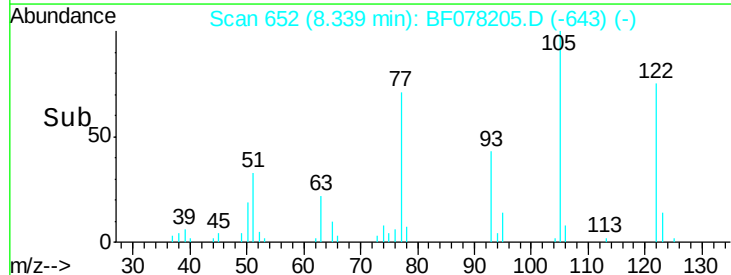
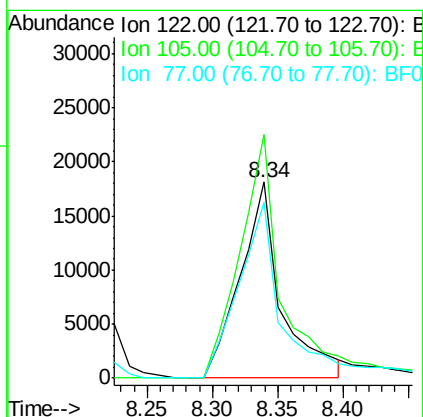
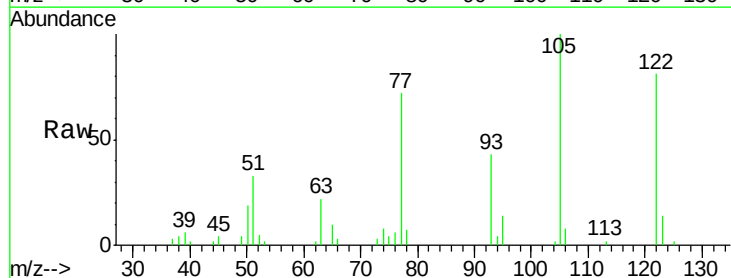
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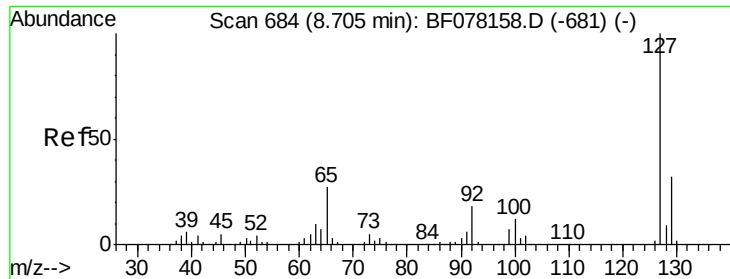
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#32
Benzoic acid
Concen: 8664.97 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39919		
105	124.1		96.1	136.1
77	89.7		64.1	104.1





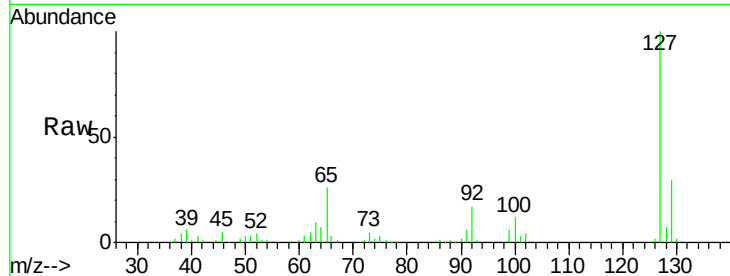
#33
 4-Chloroaniline
 Concen: 6352.04 ng
 RT: 8.70 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

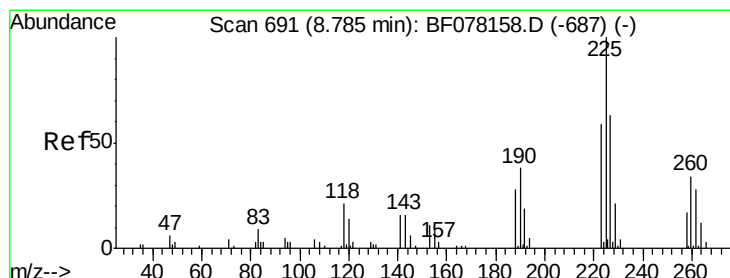
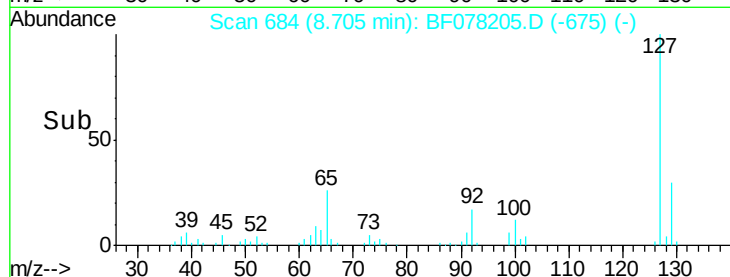
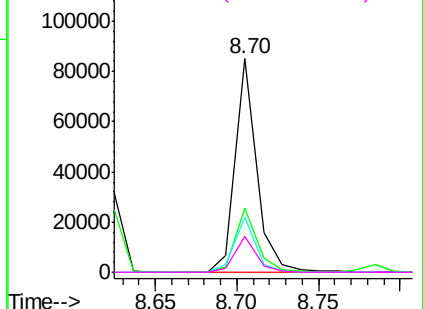
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	25.5	38.3		
65	25.9	21.7	32.5		
92	16.6	14.6	21.8		

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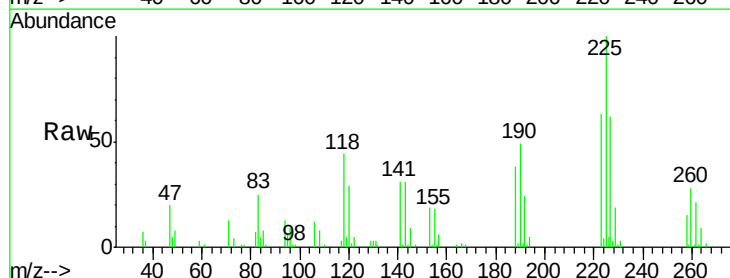


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

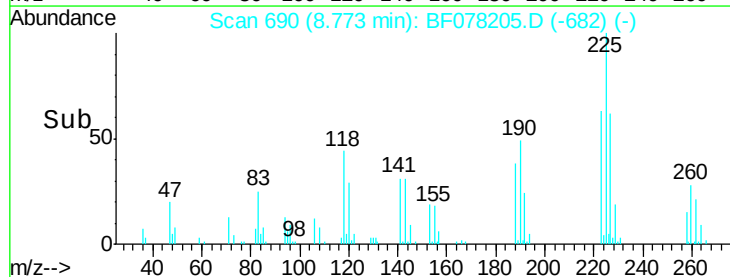
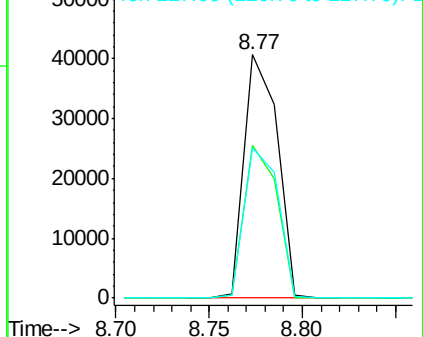


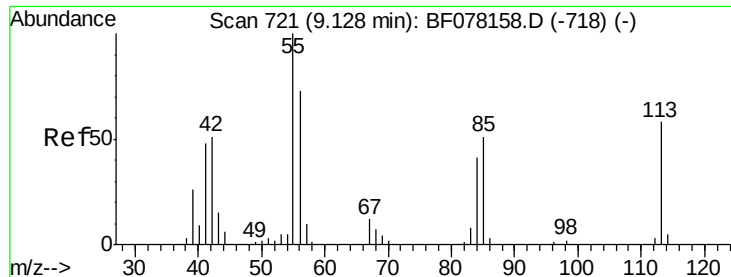
#34
 Hexachlorobutadiene
 Concen: 10311.94 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	47.5	71.3		
227	61.6	50.2	75.2		



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





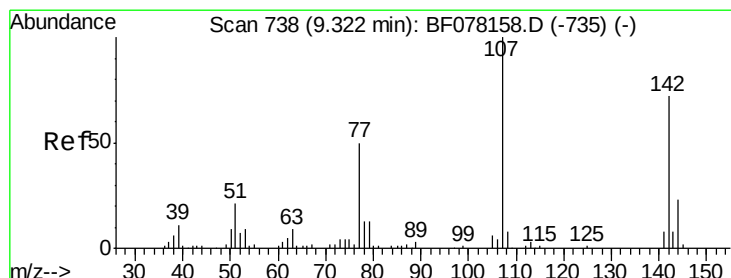
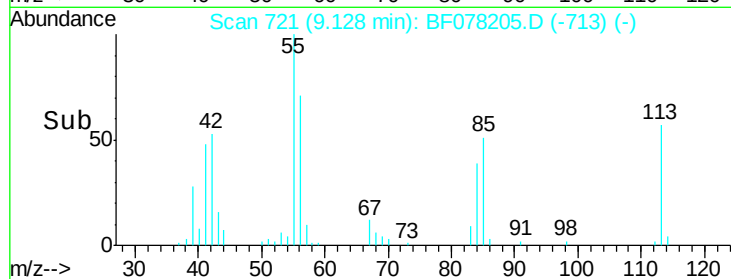
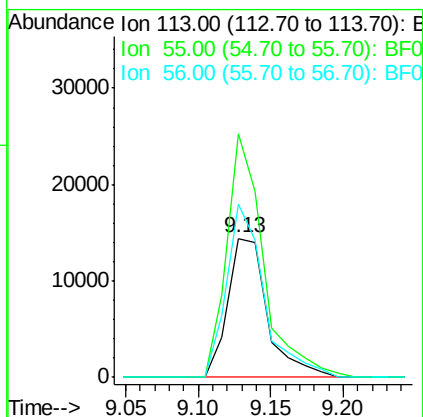
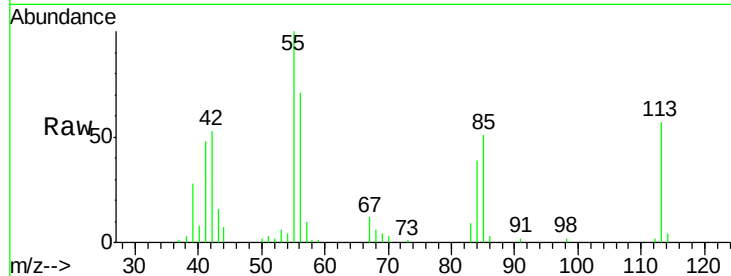
#35
Caprolactam
Concen: 11748.68 ng
RT: 9.13 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.0	151.9	191.9
56	124.4	106.1	146.1

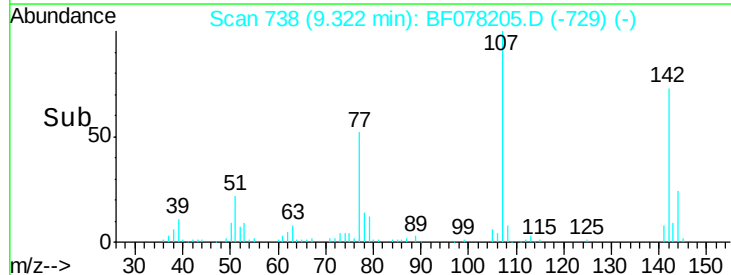
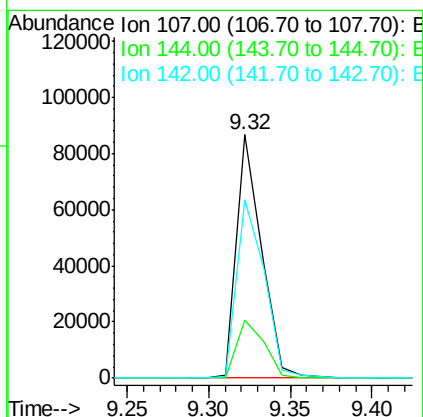
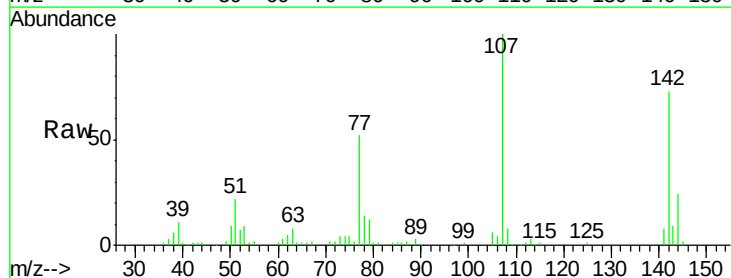
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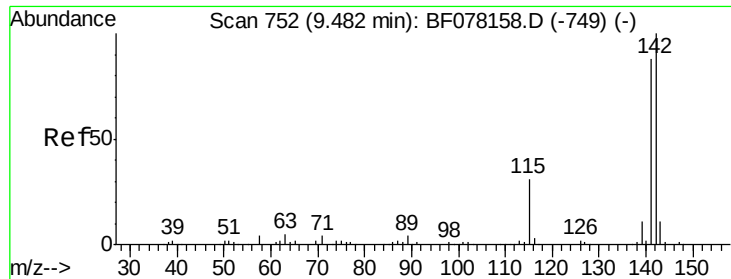
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#36
4-Chloro-3-methylphenol
Concen: 11613.85 ng
RT: 9.32 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.2	27.2
142	73.1	58.0	87.0





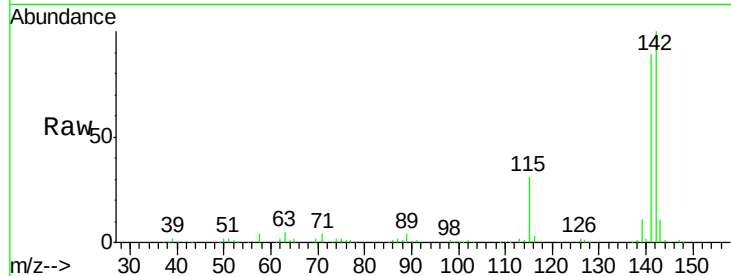
#37
 2-Methylnaphthalene
 Concen: 10803.18 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampled :
 PB82450BS

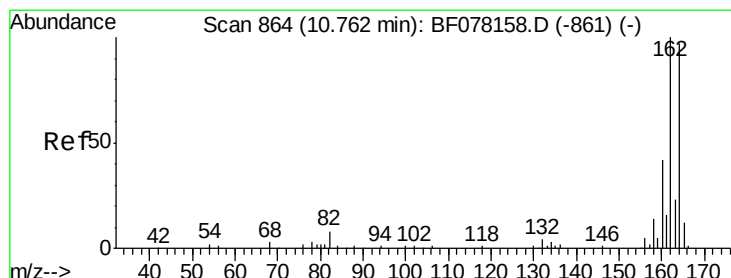
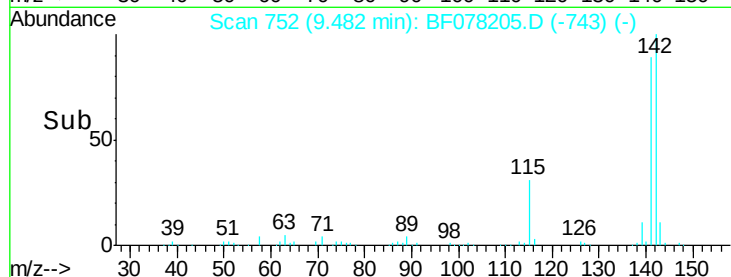
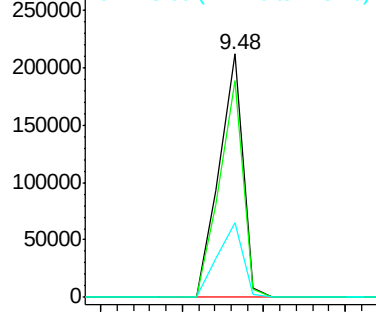
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	30.5	24.6	37.0

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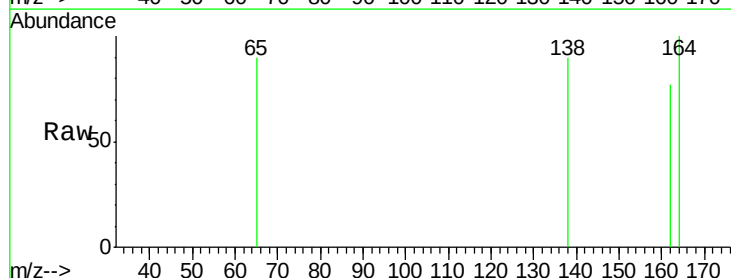


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

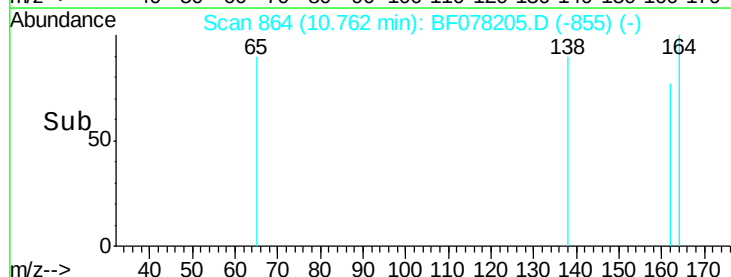
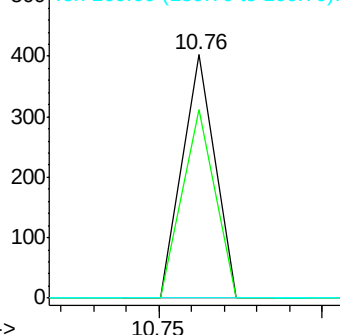


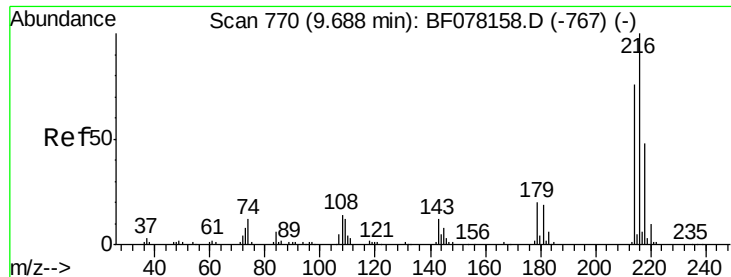
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	77.4	82.2	123.2#
160	0.0	34.7	52.1#



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 10788.33 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078205.D

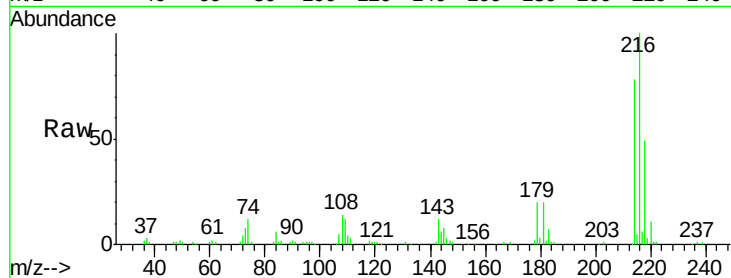
Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

ClientSampled :

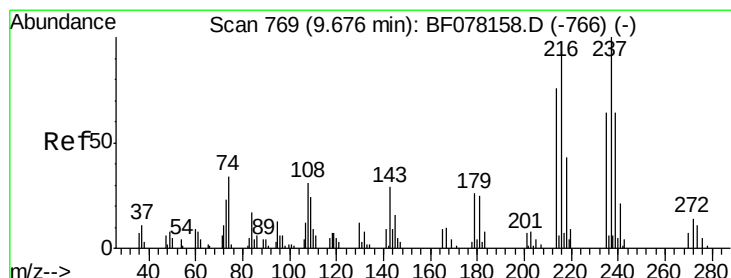
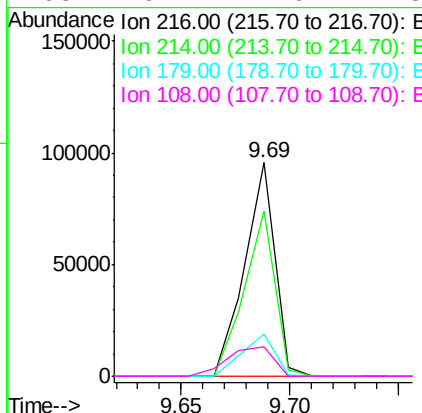
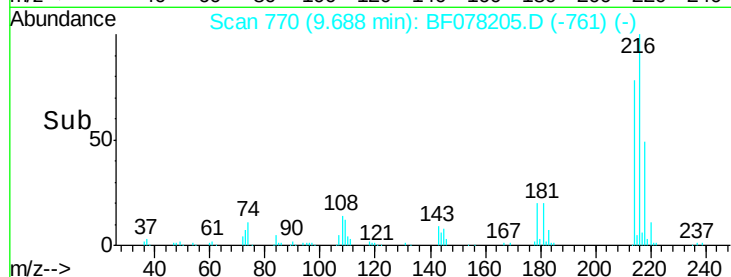
PB82450BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100			
214	214	78.7	62.0	93.0	
179	179	21.4	17.3	25.9	
108	108	20.7	14.6	21.8	

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#40

Hexachlorocyclopentadiene

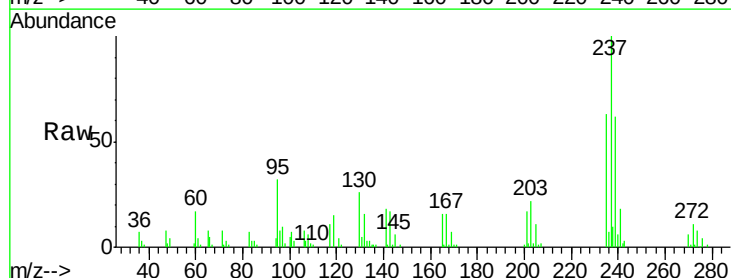
Concen: 21154.79 ng

RT: 9.66 min Scan# 768

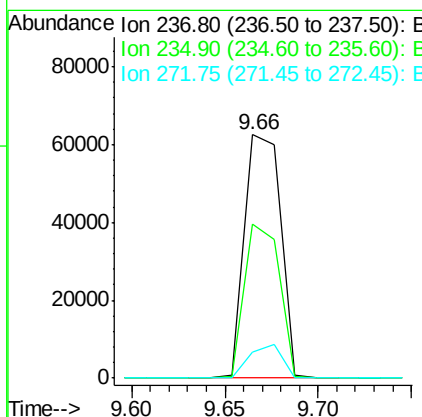
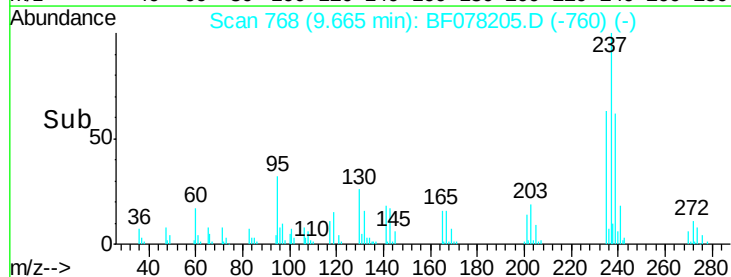
Delta R.T. -0.01 min

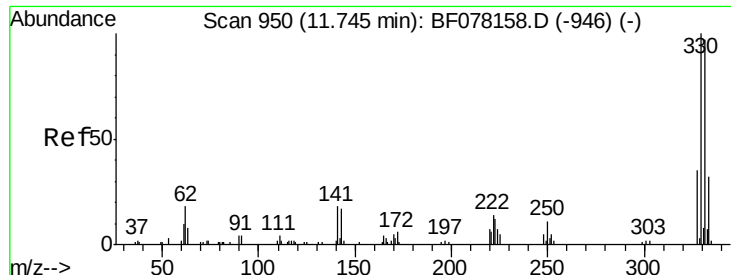
Lab File: BF078205.D

Acq: 2 Apr 2015 17:50



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100			
235	235	63.1	44.1	84.1	
272	272	10.7	0.0	34.4	





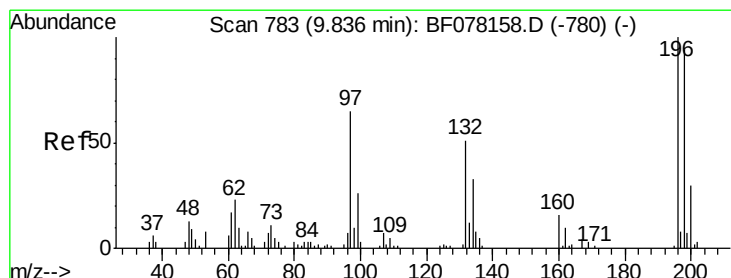
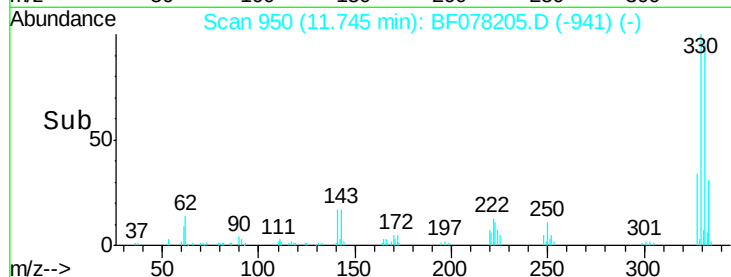
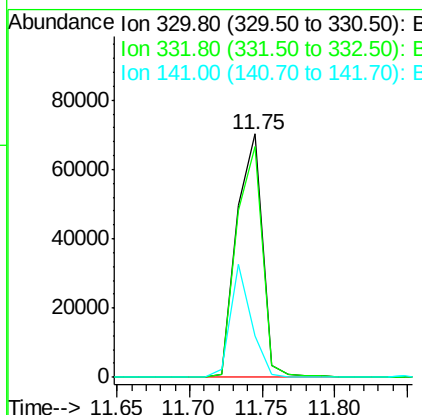
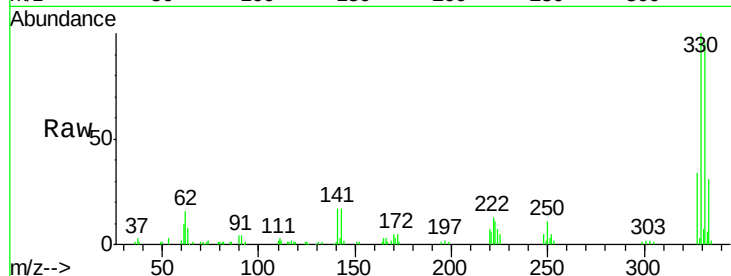
#41
 2,4,6-Tribromophenol
 Concen: 37798.79 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	78.6	117.8	
141	37.8	31.2	46.8	

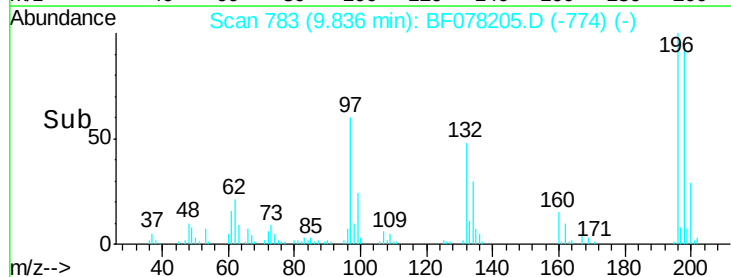
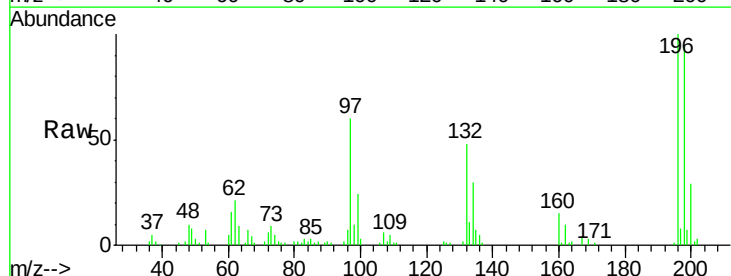
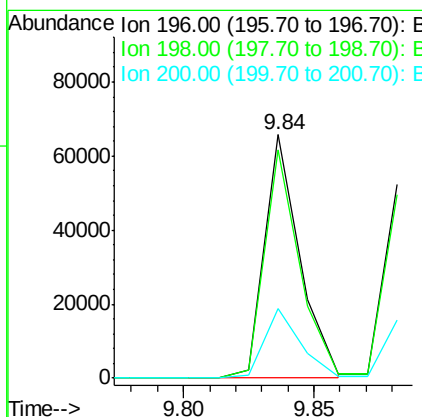
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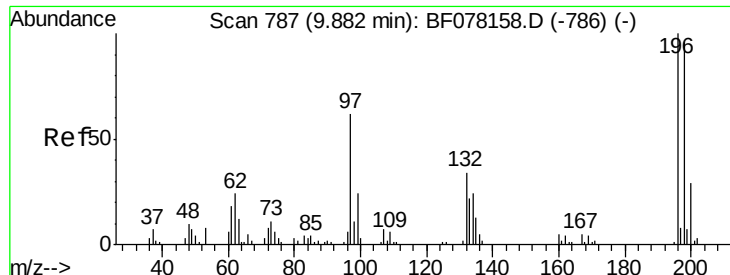
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 11487.41 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.9	75.4	113.2	
200	28.7	24.0	36.0	





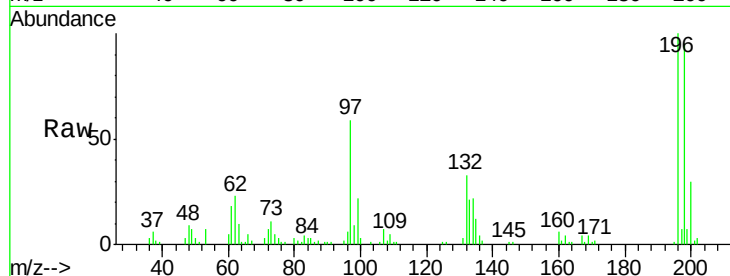
#43
 2,4,5-Trichlorophenol
 Concen: 11531.22 ng
 RT: 9.88 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleID :
 PB82450BS

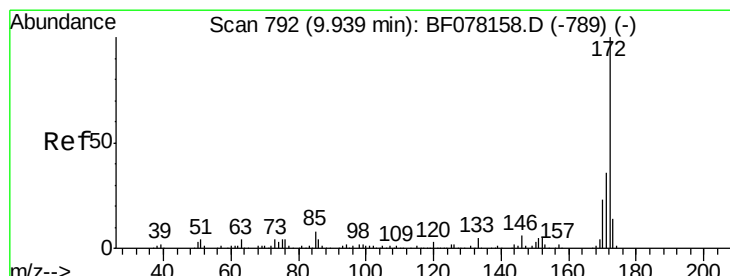
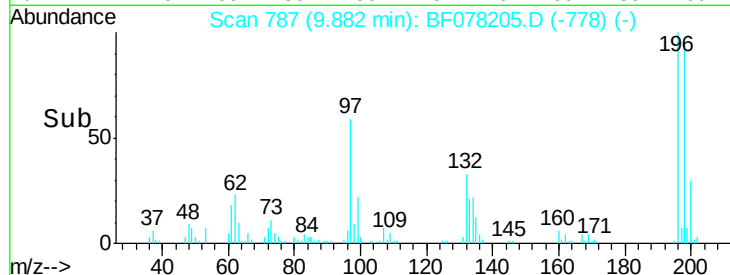
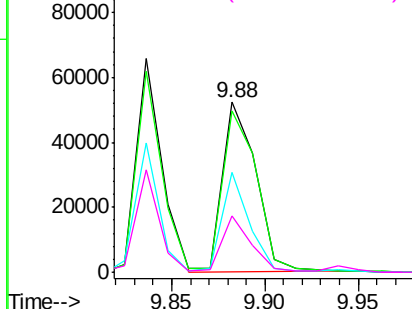
Tot Ion:	196	Resp:	64973
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.6	115.0
97	59.0	50.6	75.8
132	32.8	27.7	41.5

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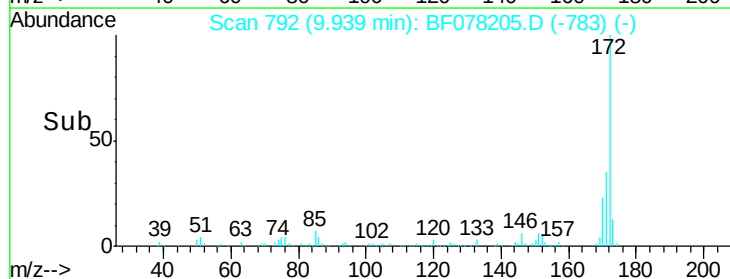
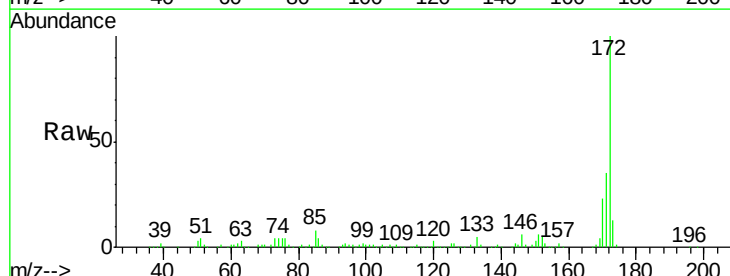
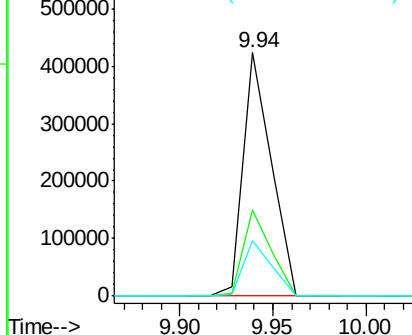
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

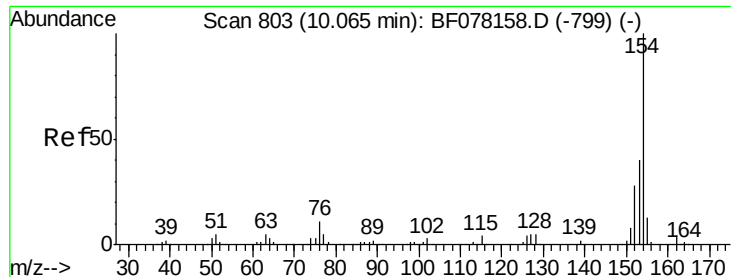


#44
 2-Fluorobiphenyl
 Concen: 23015.28 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion:	172	Resp:	444391
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.6	42.8
170	22.9	18.5	27.7

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 11467.46 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

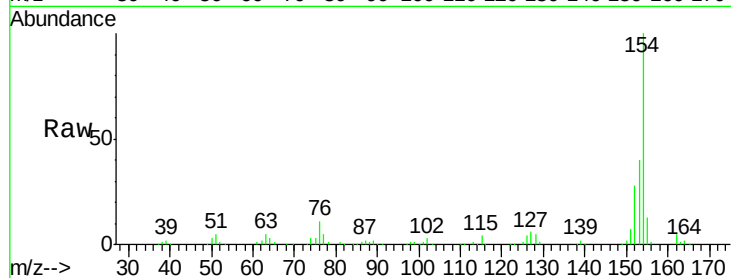
ClientSampleId :

PB82450BS

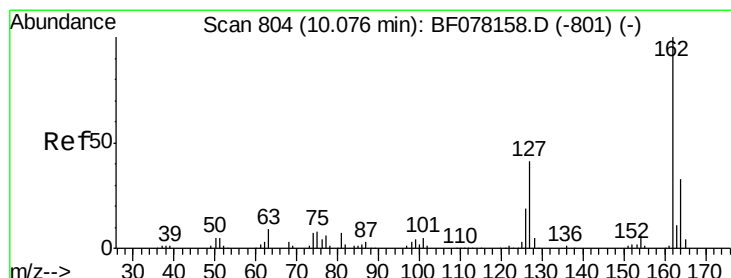
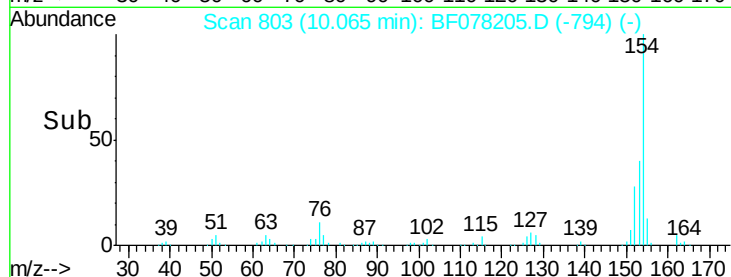
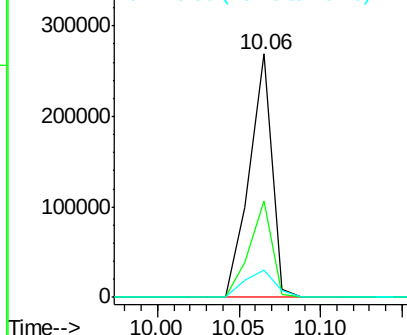
Tot Ion:	154	Resp:	258887
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.0	60.0
76	11.1	0.0	30.6

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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: 11120.62 ng

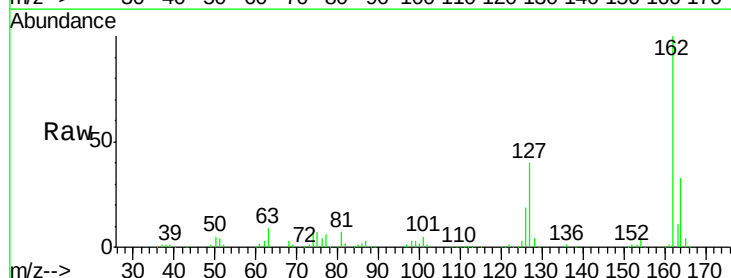
RT: 10.08 min Scan# 804

Delta R.T. 0.00 min

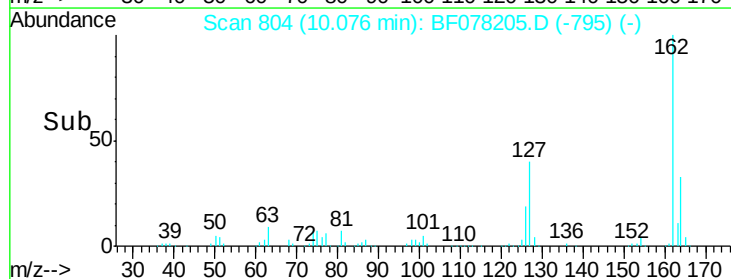
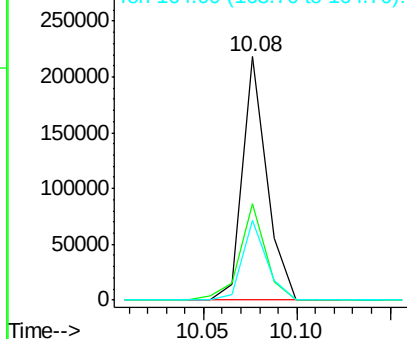
Lab File: BF078205.D

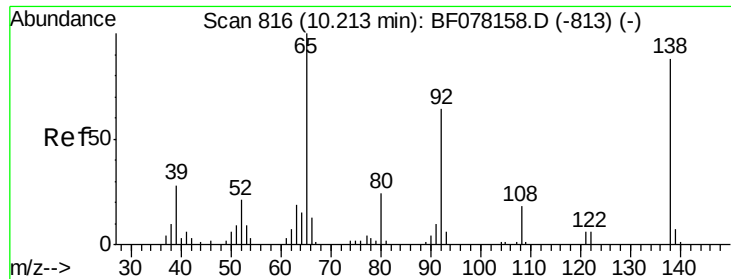
Acq: 2 Apr 2015 17:50

Tgt Ion:	162	Resp:	197531
Ion Ratio	Lower	Upper	
162	100		
127	39.6	32.6	49.0
164	32.9	26.0	39.0



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





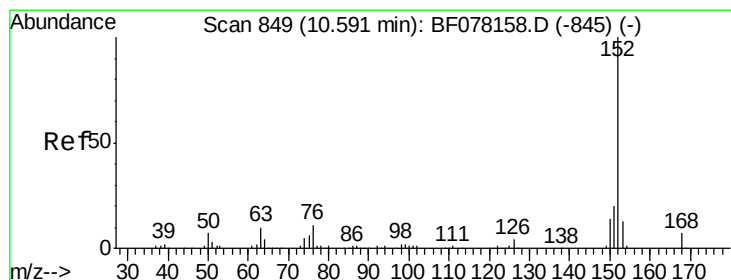
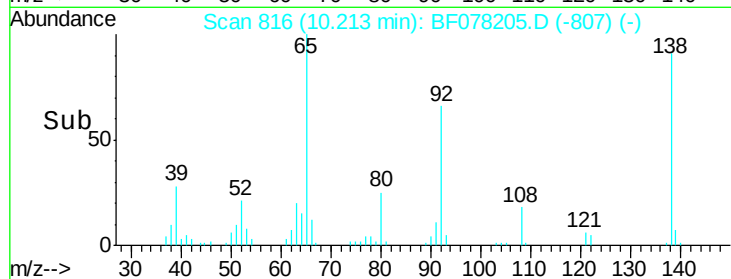
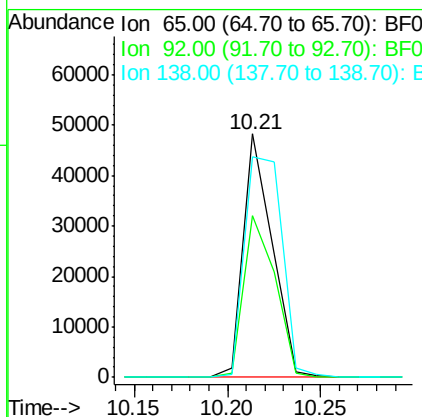
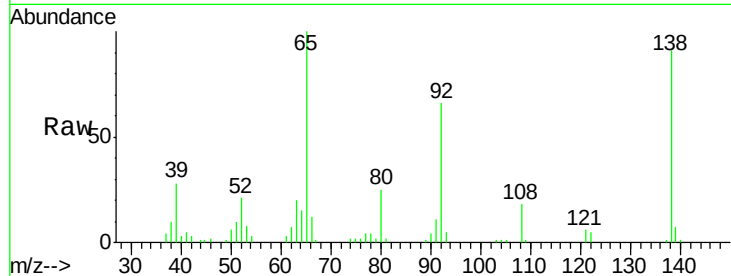
#47
2-Nitroaniline
Concen: 11878.00 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	51.3	76.9
138	90.6	70.4	105.6

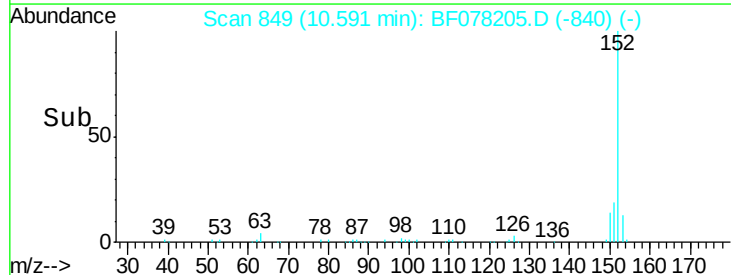
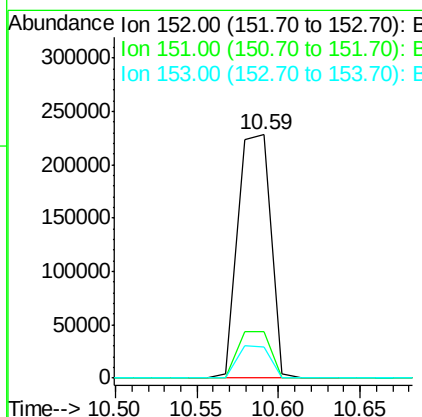
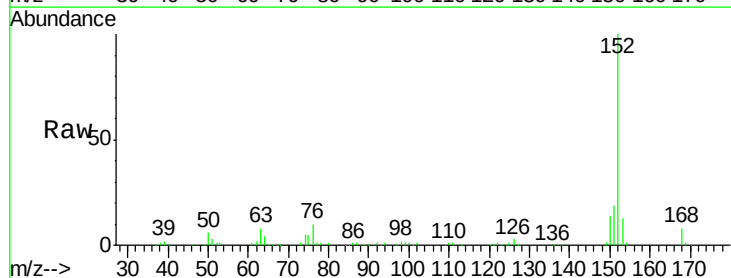
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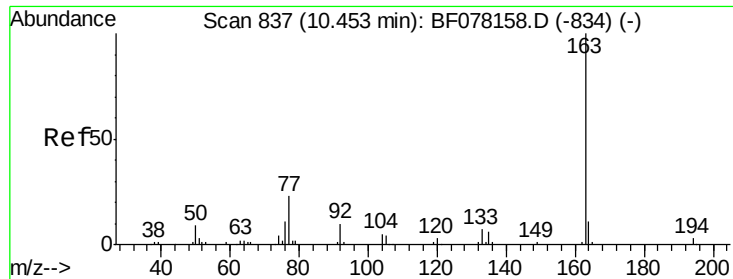
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#48
Acenaphthylene
Concen: 10987.64 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.6	10.2	15.2





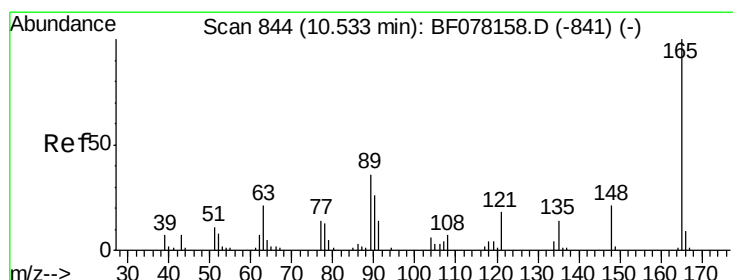
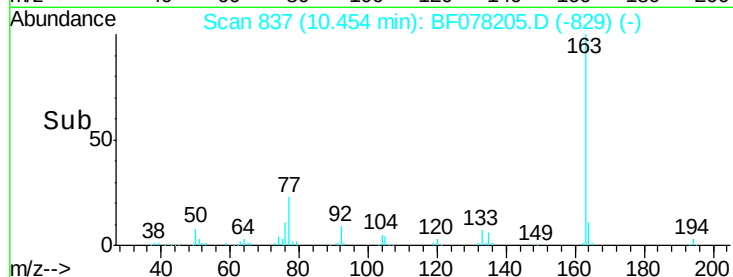
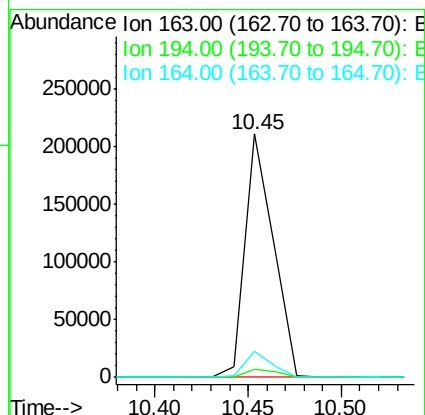
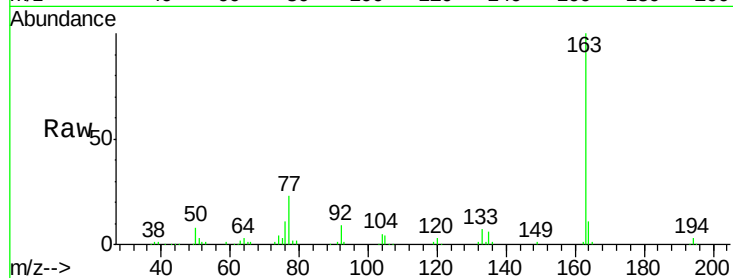
#49
Dimethylphthalate
Concen: 10785.98 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.3	3.5
164	10.7	8.6	13.0

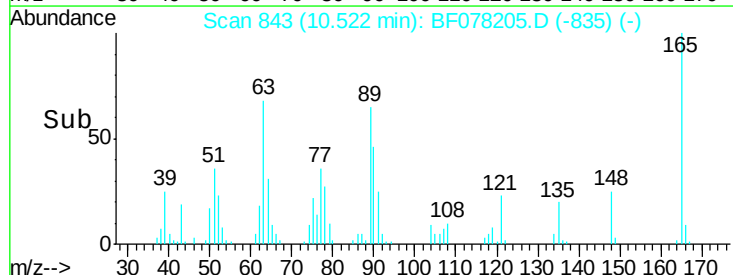
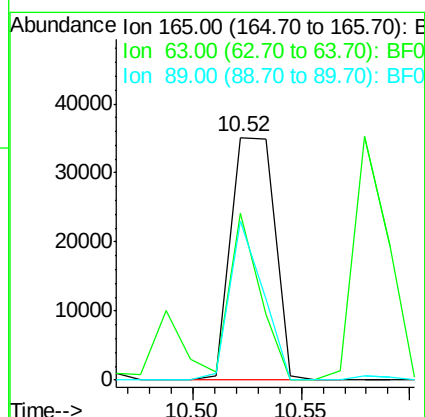
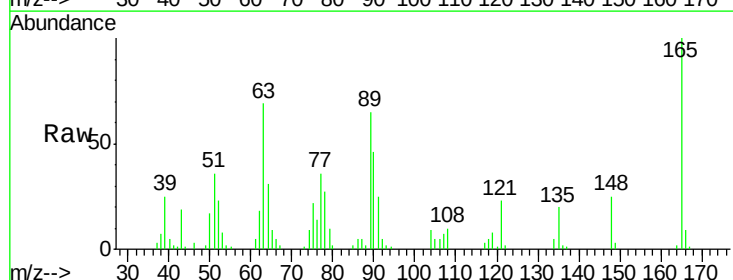
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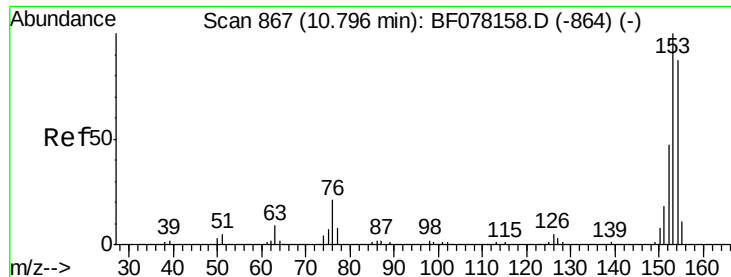
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#50
2,6-Dinitrotoluene
Concen: 11468.57 ng
RT: 10.52 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	69.0	24.1	36.1#
89	65.5	28.9	43.3#





#51

Acenaphthene

Concen: 11123.44 ng

RT: 10.80 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

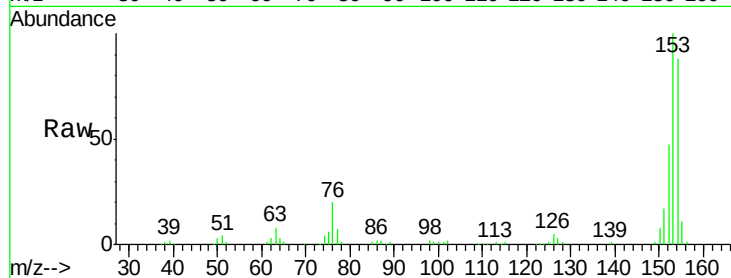
ClientSampleId :

PB82450BS

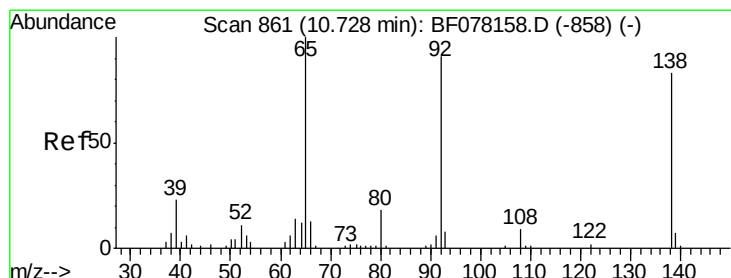
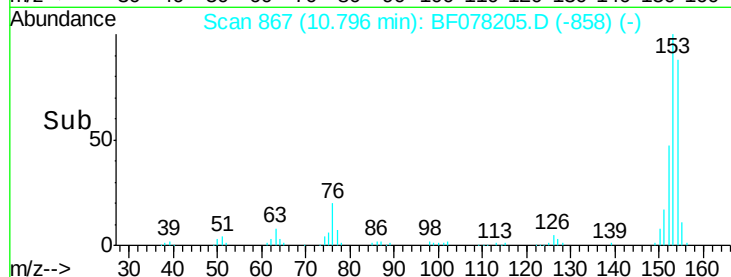
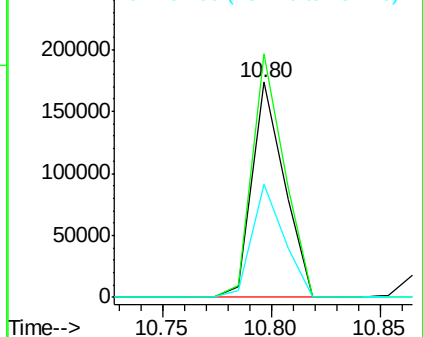
Tot Ion:	154	Resp:	179633
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.4	137.2
152	52.8	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8353.78 ng

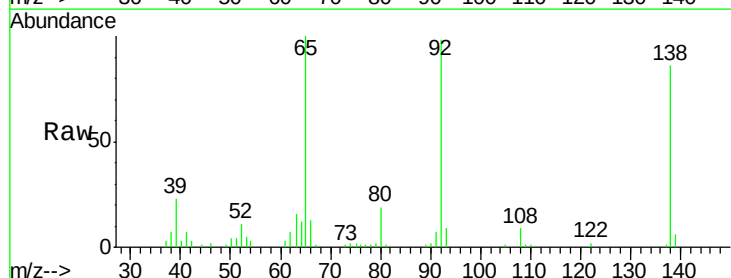
RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

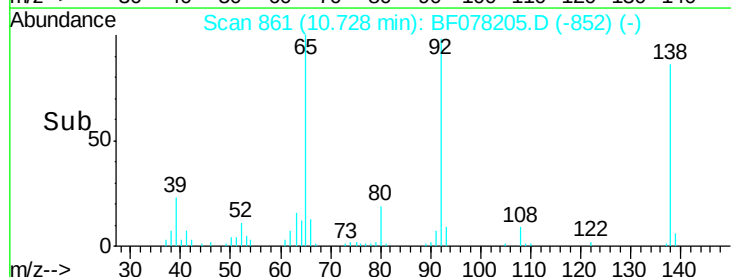
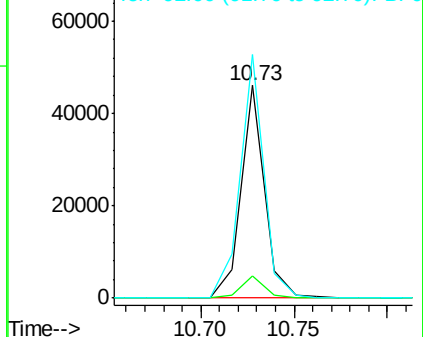
Lab File: BF078205.D

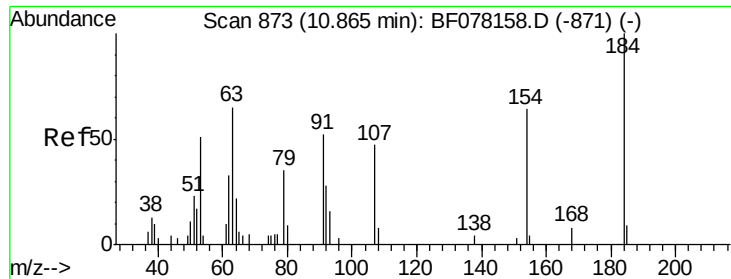
Acq: 2 Apr 2015 17:50

Tgt Ion:	138	Resp:	40523
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.2	12.4
92	114.6	88.4	132.6



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





#53

2,4-Dinitrophenol

Concen: 1773.85 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion:184 Resp: 30183

Ion Ratio Lower Upper

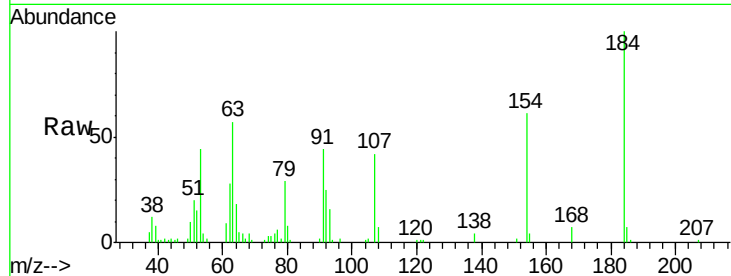
184 100

63 56.5 51.9 77.9

154 61.0 51.0 76.4

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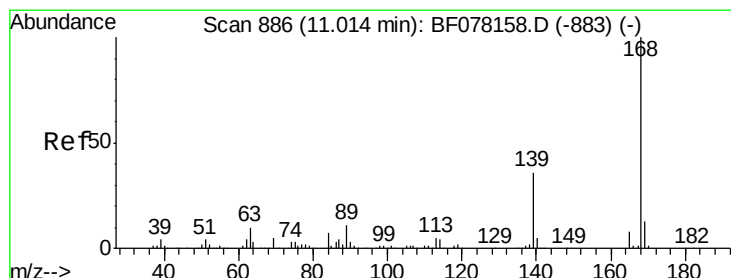
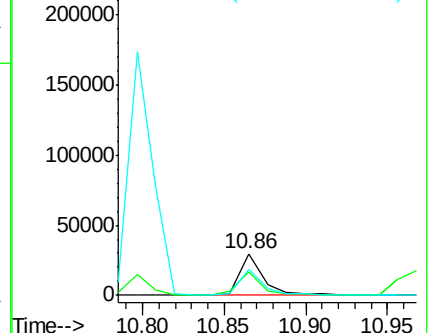
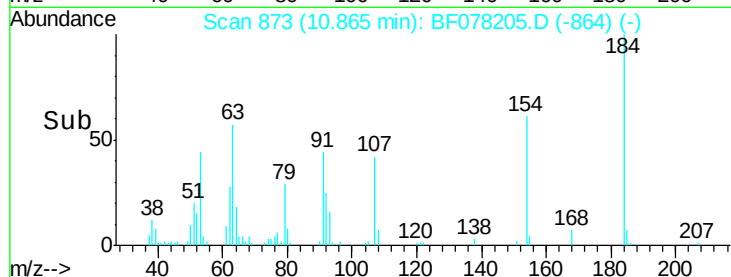
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 11704.68 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

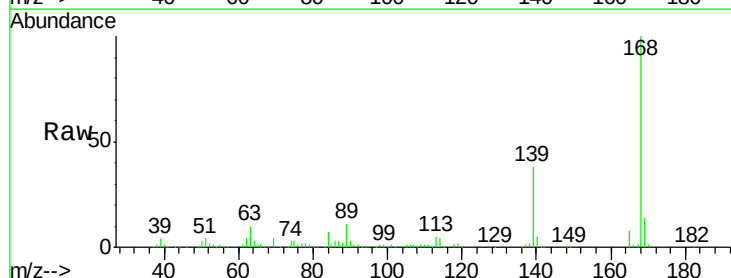
Tgt Ion:168 Resp: 288704

Ion Ratio Lower Upper

168 100

139 37.7 31.0 46.4

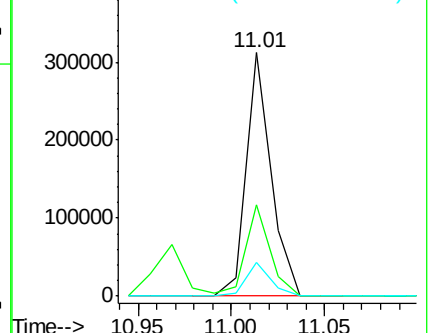
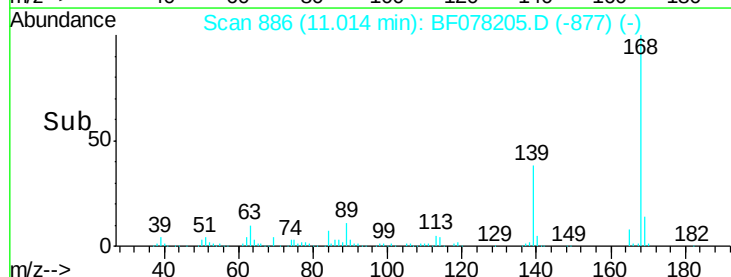
169 13.6 10.7 16.1

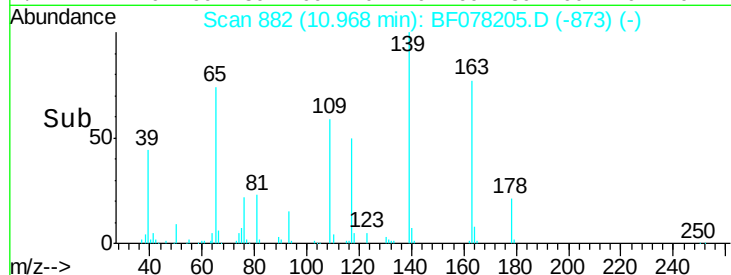
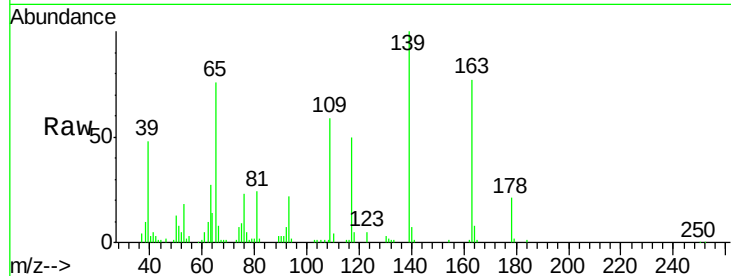
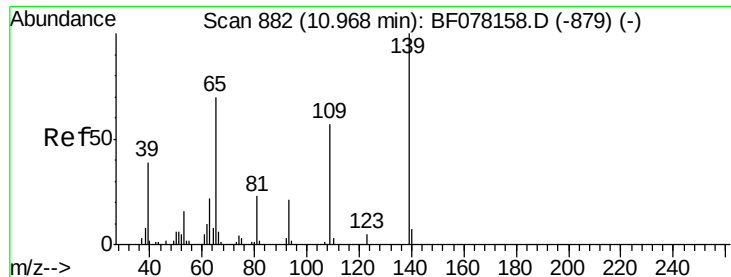


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





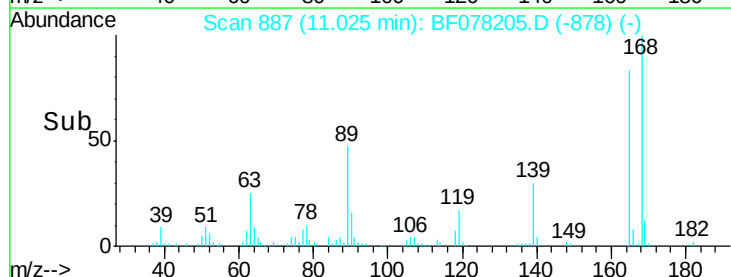
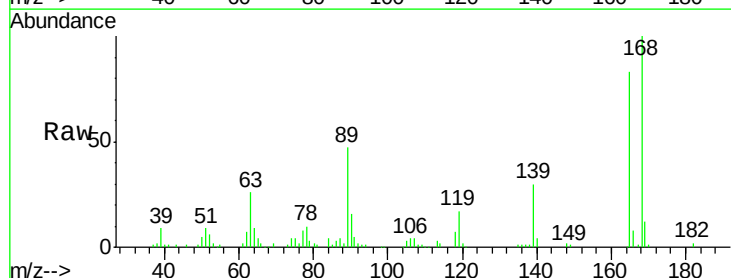
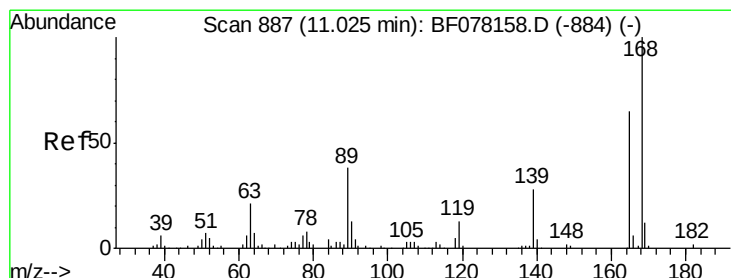
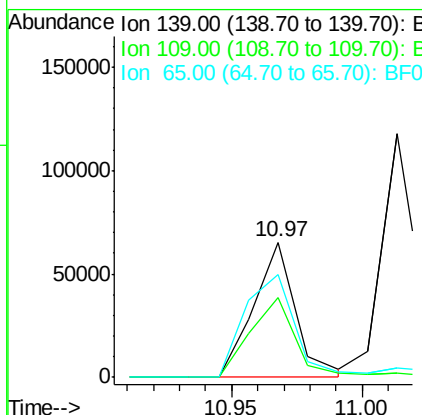
#55
4-Nitrophenol
Concen: 19979.23 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

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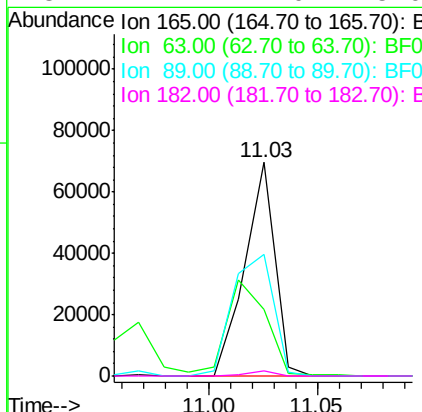
apatel
4/6/2015 12:05:41 PM

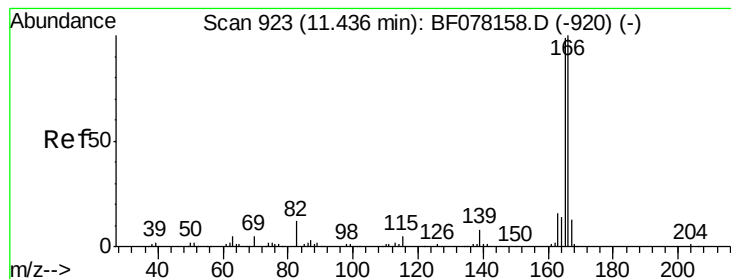
Tot Ion	Ratio	Resp	Lower	Upper
139	100	73908		
109	59.4	36.7	76.7	
65	75.8	49.9	89.9	



#56
2,4-Dinitrotoluene
Concen: 12131.33 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	67029		
63	31.0	26.5	39.7	
89	56.7	46.4	69.6	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 11456.99 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

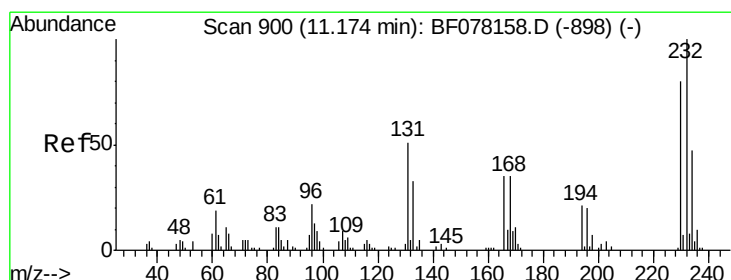
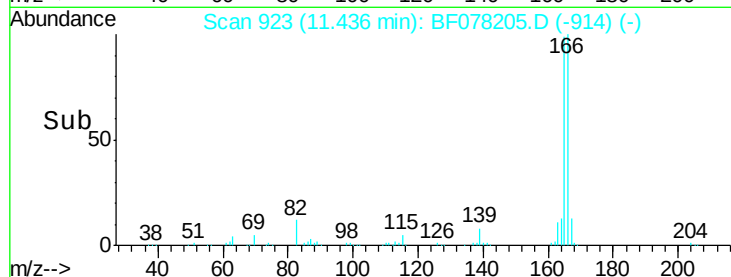
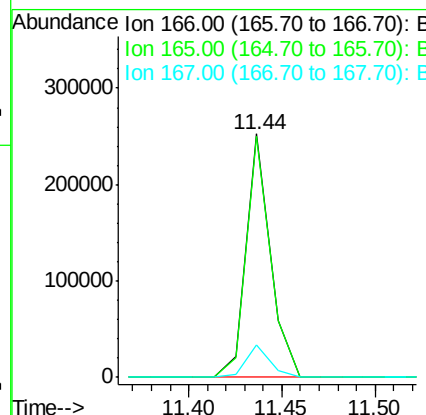
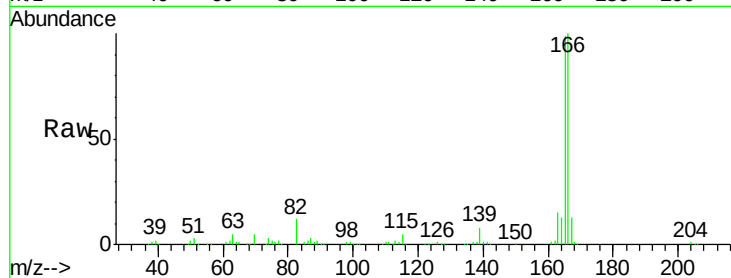
ClientSampleId :

PB82450BS

Tot Ion:	166	Resp:	229067
Ion Ratio		Lower	Upper
166	100		
165	99.0	78.9	118.3
167	13.2	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 12589.20 ng m

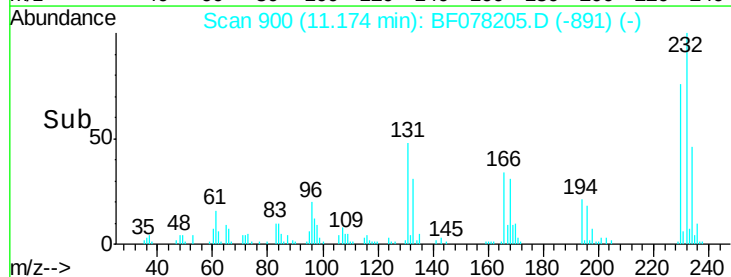
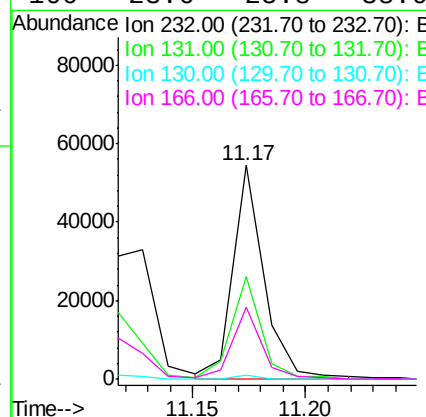
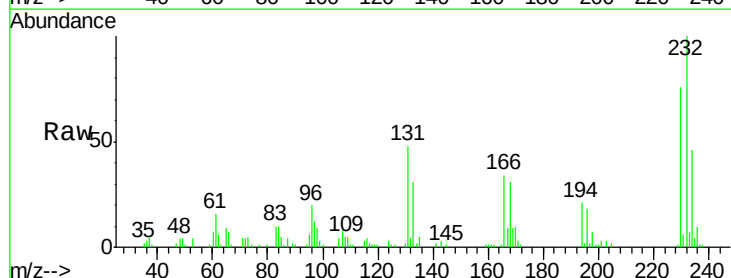
RT: 11.17 min Scan# 900

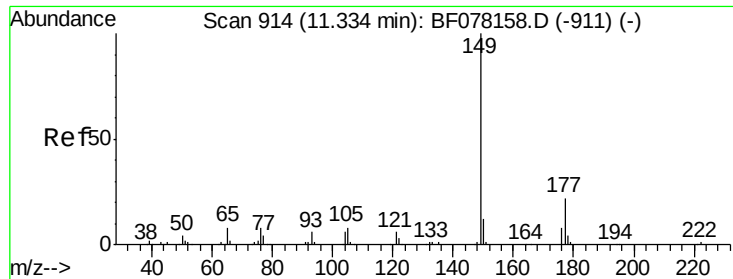
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	232	Resp:	52588
Ion Ratio		Lower	Upper
232	100		
131	37.0	37.8	56.8#
130	1.8	1.5	2.3
166	23.6	25.8	38.6#





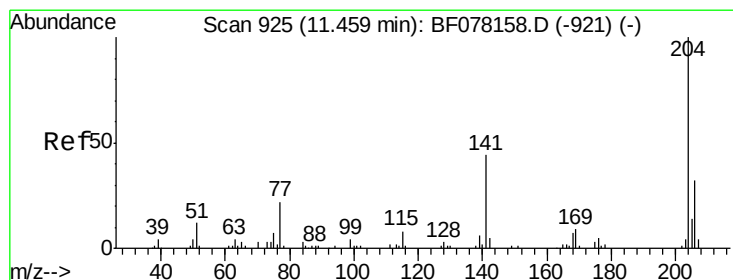
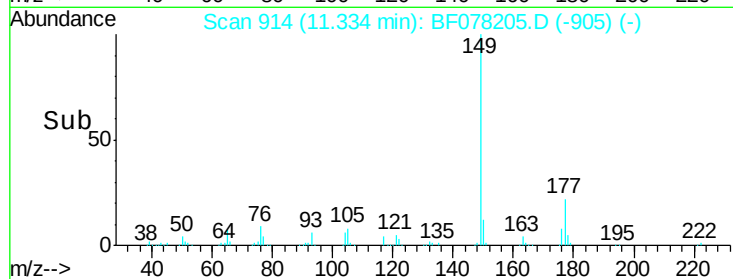
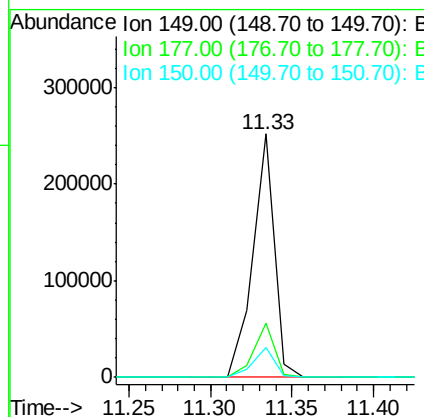
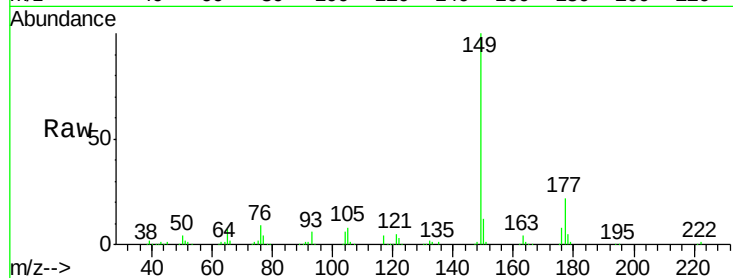
#59
Diethylphthalate
Concen: 11551.32 ng
RT: 11.33 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.2	17.4	26.2	
150	12.2	9.4	14.2	

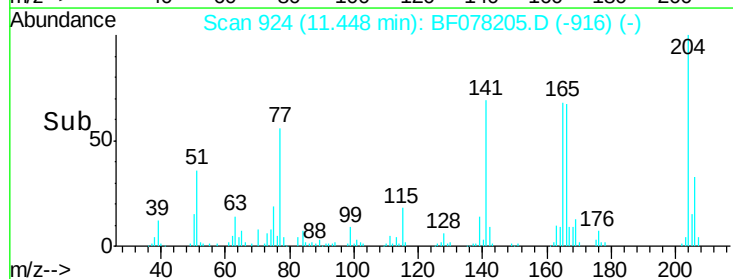
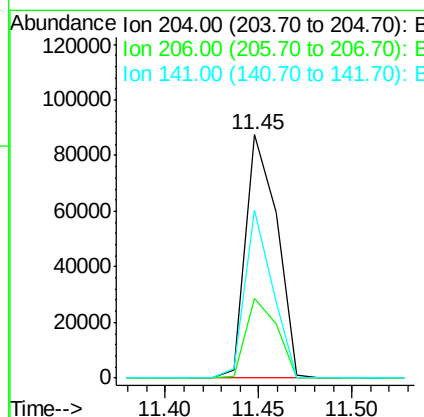
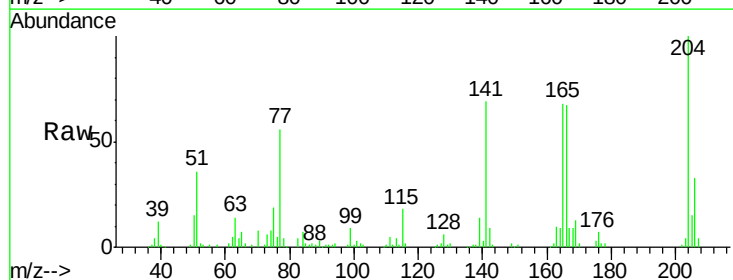
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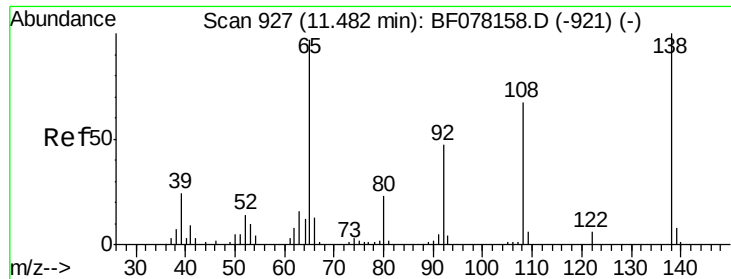
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#60
4-Chlorophenyl-phenylether
Concen: 11259.53 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.8	25.6	38.4	
141	69.2	35.4	53.0	





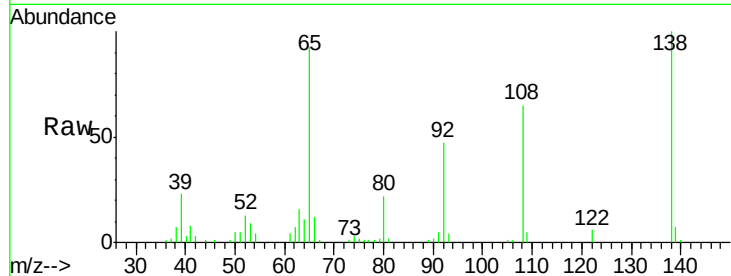
#61
4-Nitroaniline
Concen: 11179.05 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

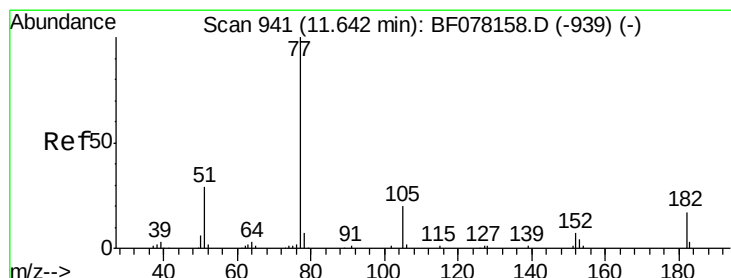
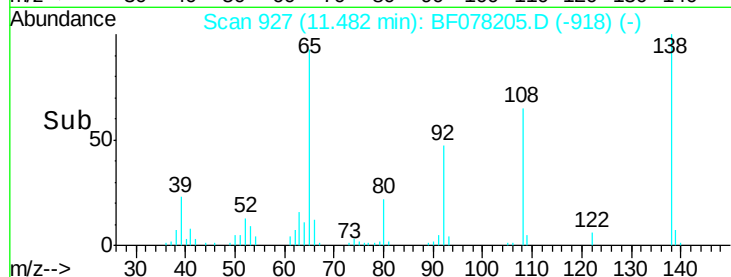
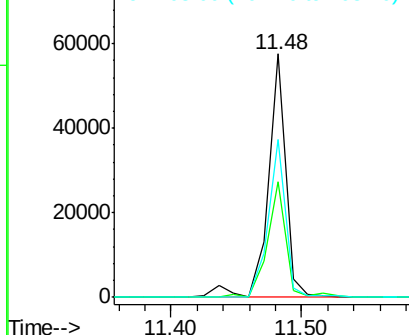
Tot Ion	Ratio	Resp	Lower	Upper
138	100	54818		
92	47.2		27.3	67.3
108	65.1		47.2	87.2

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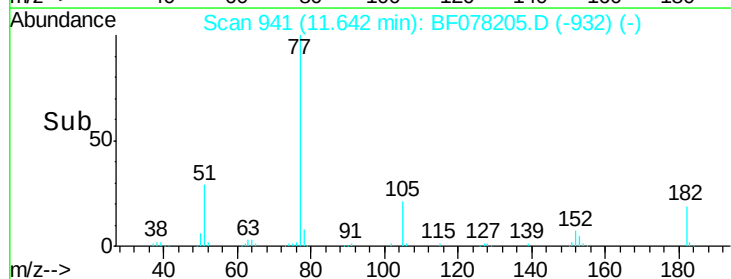
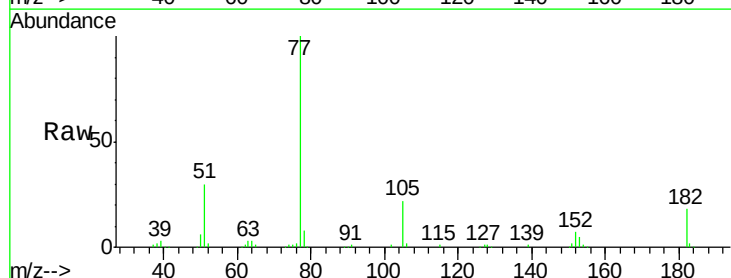
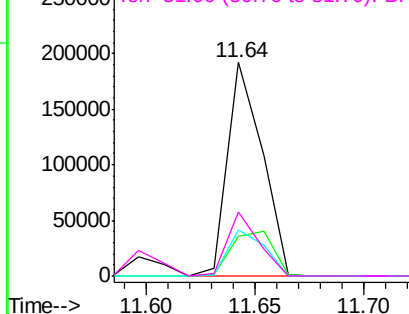
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

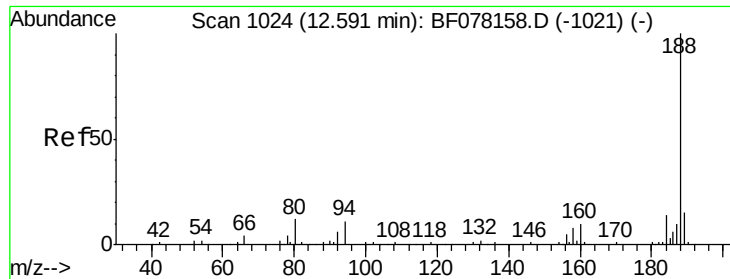


#62
Azobenzene
Concen: 11622.52 ng
RT: 11.64 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	212074		
182	18.5		0.0	36.8
105	21.7		0.3	40.3
51	29.7		9.1	49.1

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





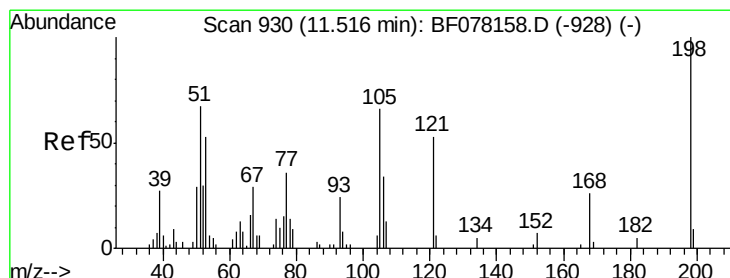
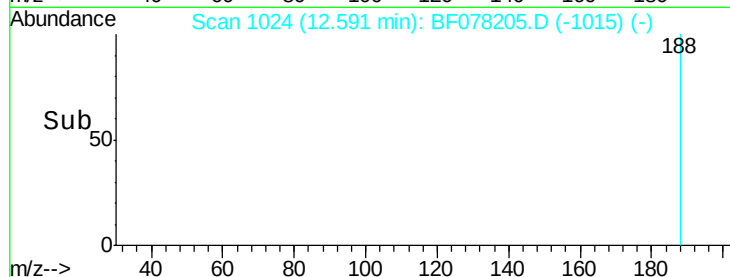
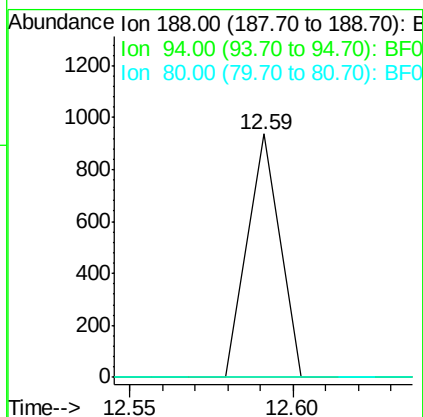
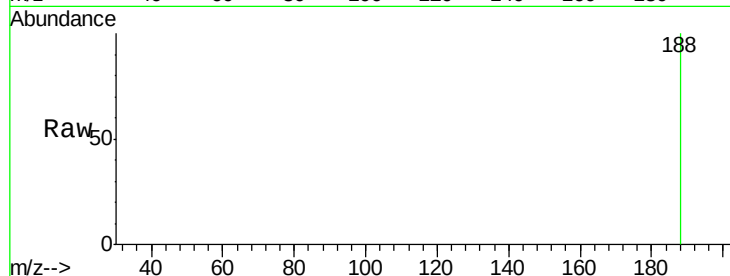
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	643		
94	0.0		9.0	13.4#
80	0.0		9.5	14.3#

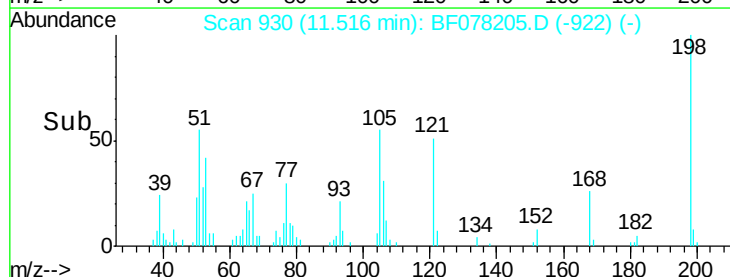
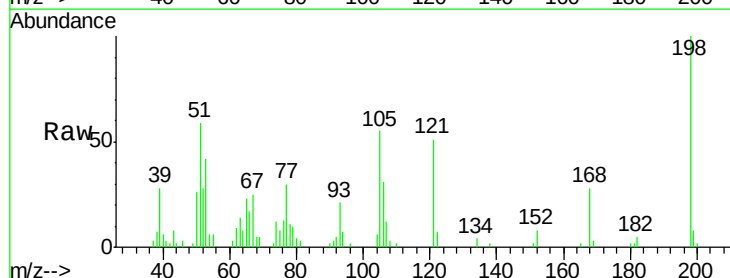
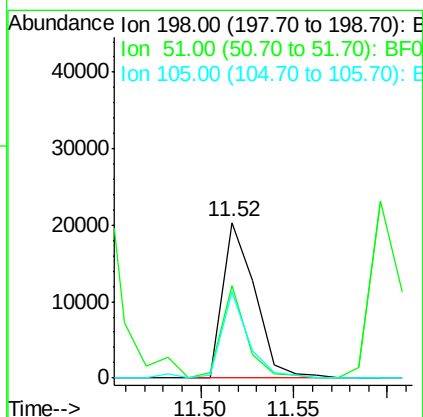
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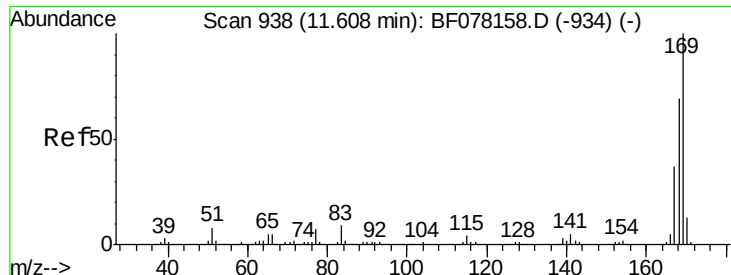
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 6347.29 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24626		
51	59.1		48.6	88.6
105	55.0		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 8975.20 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

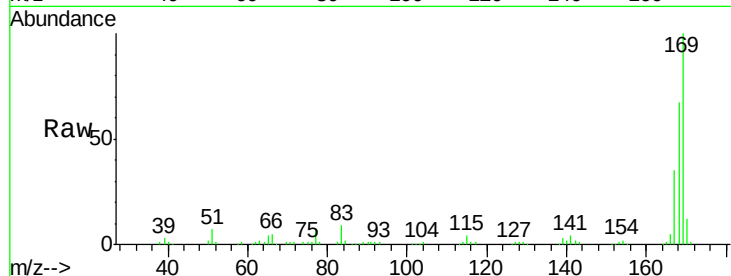
ClientSampleId :

PB82450BS

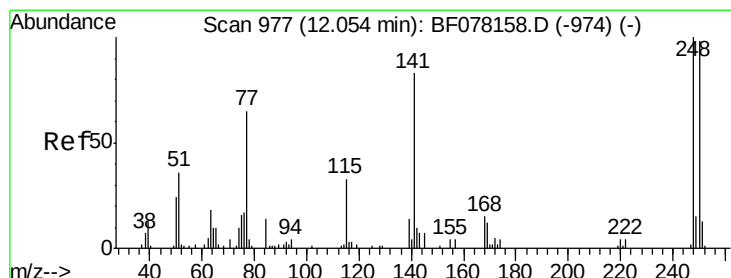
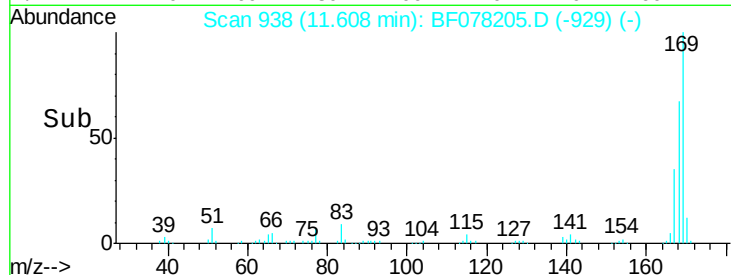
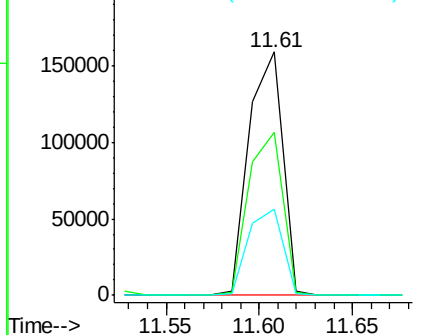
Tot Ion:	169	Resp:	199624
Ion Ratio	Lower	Upper	
169	100		
168	66.7	55.0	82.4
167	35.1	29.3	43.9

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 9281.90 ng

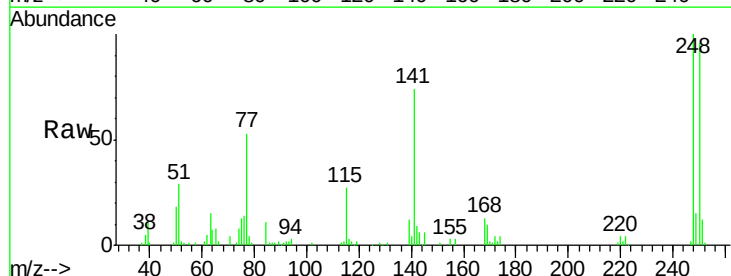
RT: 12.05 min Scan# 977

Delta R.T. 0.00 min

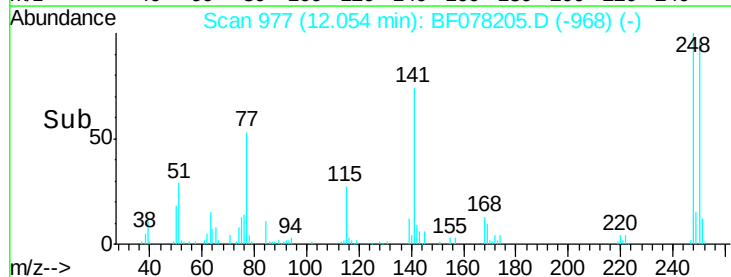
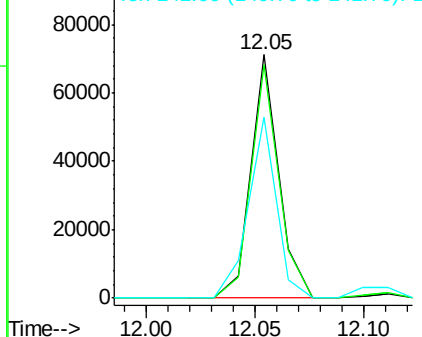
Lab File: BF078205.D

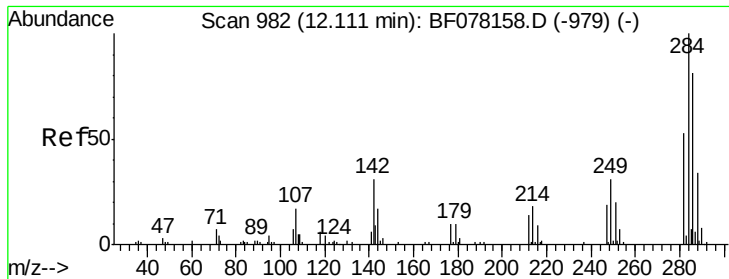
Acq: 2 Apr 2015 17:50

Tgt Ion:	248	Resp:	63207
Ion Ratio	Lower	Upper	
248	100		
250	96.0	78.2	117.2
141	74.1	66.4	99.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 8802.73 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF078205.D

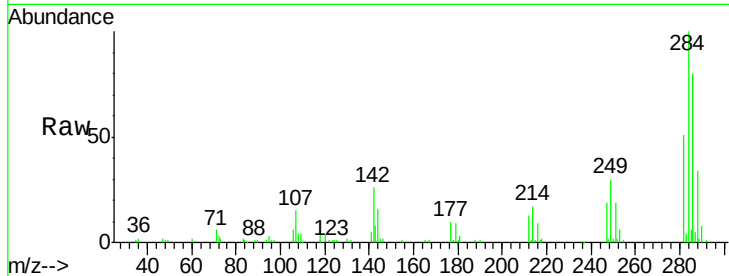
Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

ClientSampleId :

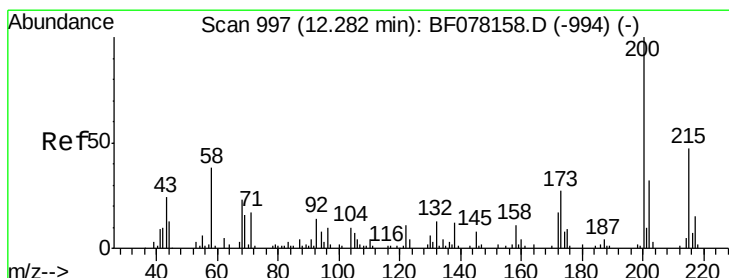
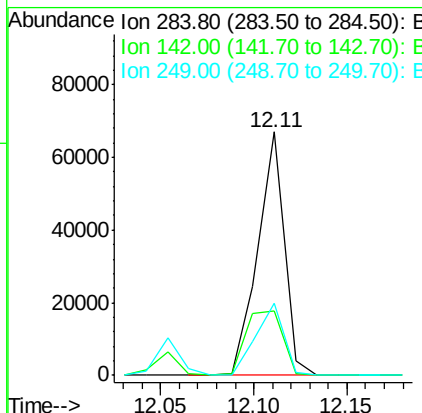
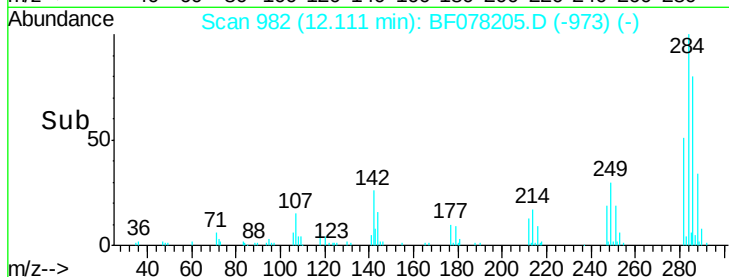
PB82450BS



Tot Ion:	284	Resp:	65687
Ion Ratio	Lower	Upper	
284	100		
142	26.3	24.5	36.7
249	29.6	24.8	37.2

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#68

Atrazine

Concen: 10396.85 ng

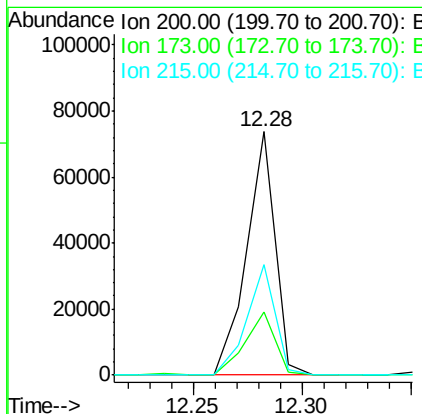
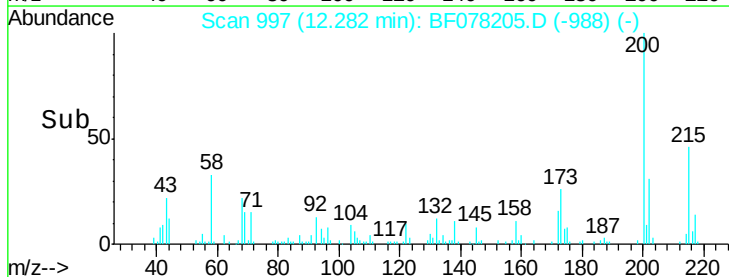
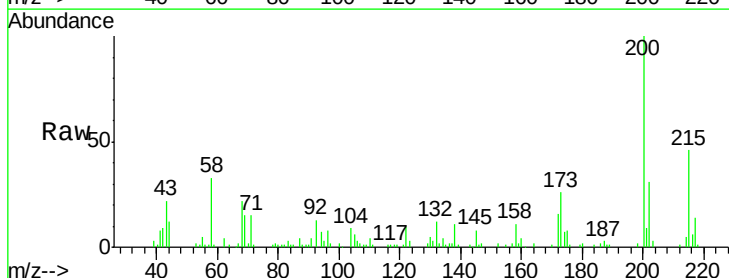
RT: 12.28 min Scan# 997

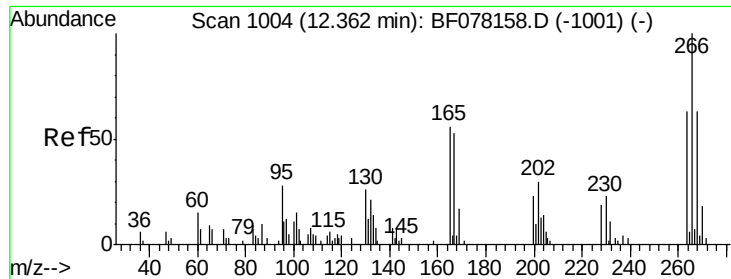
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	200	Resp:	66977
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.9	46.9
215	45.6	27.1	67.1





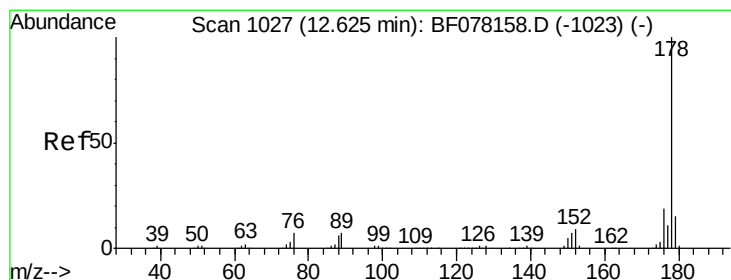
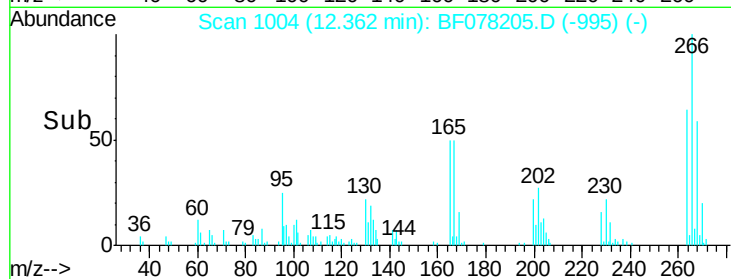
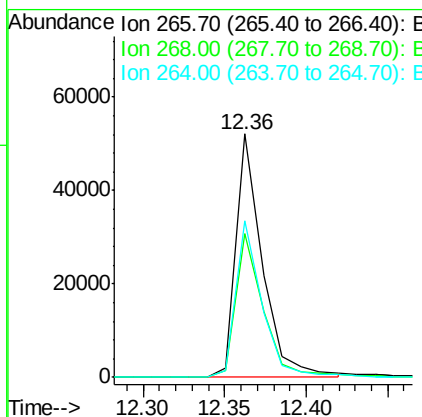
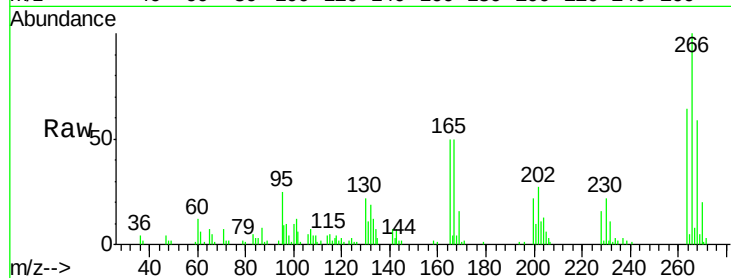
#69
 Pentachlorophenol
 Concen: 15857.67 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.2	50.1	75.1
264	64.3	50.0	75.0

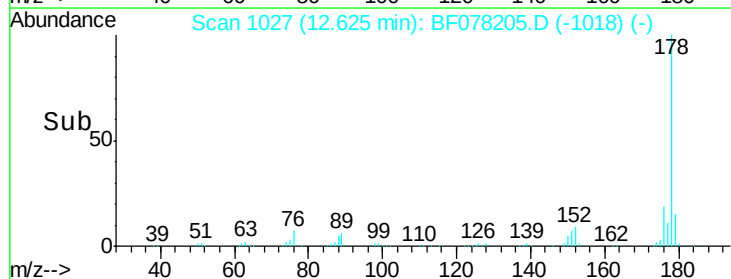
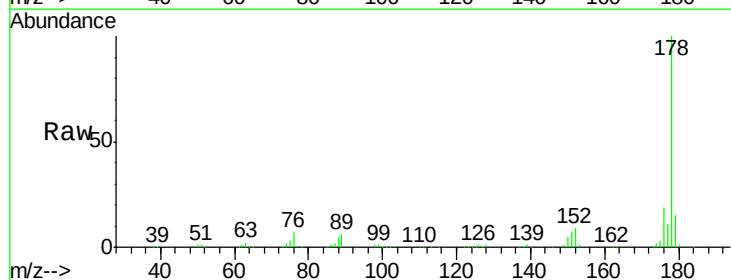
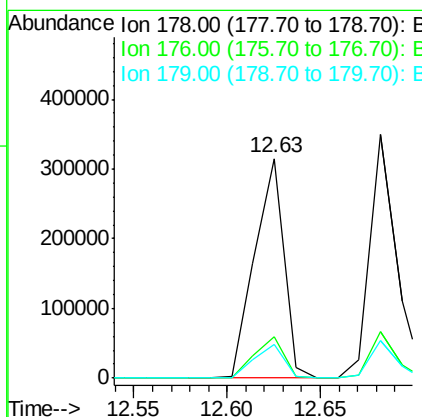
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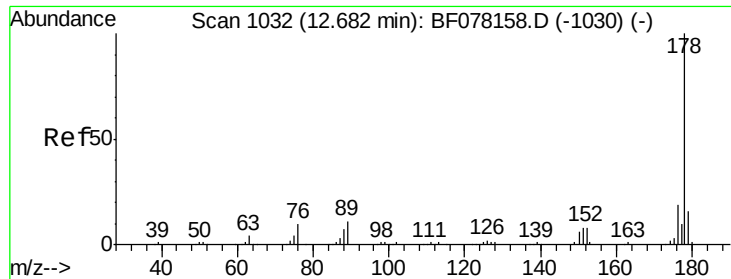
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#70
 Phenanthrene
 Concen: 9206.43 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.1	12.2	18.2





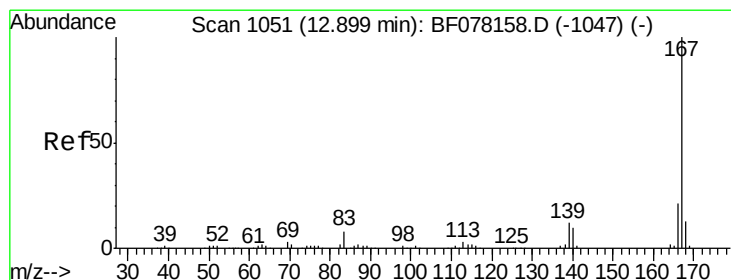
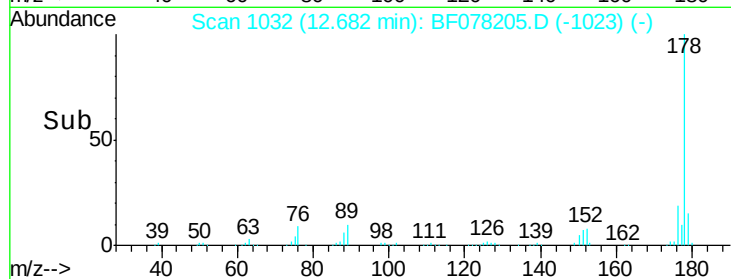
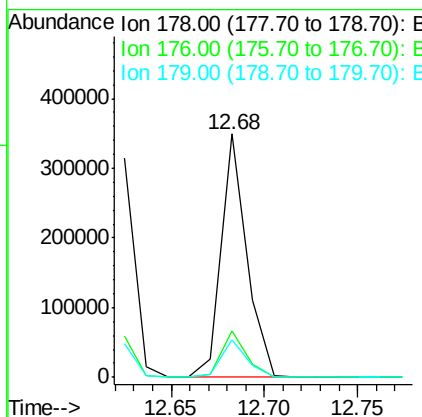
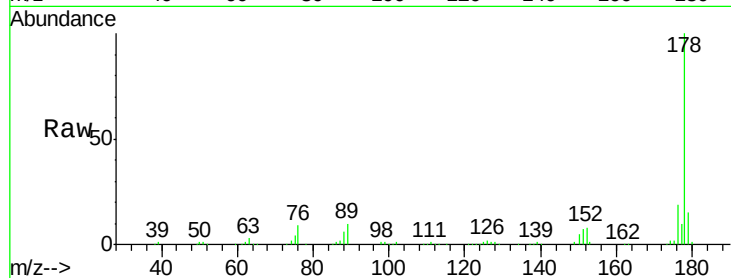
#71
 Anthracene
 Concen: 9141.04 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.4	12.4	18.6

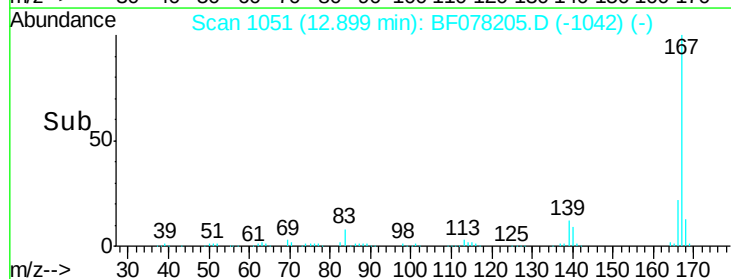
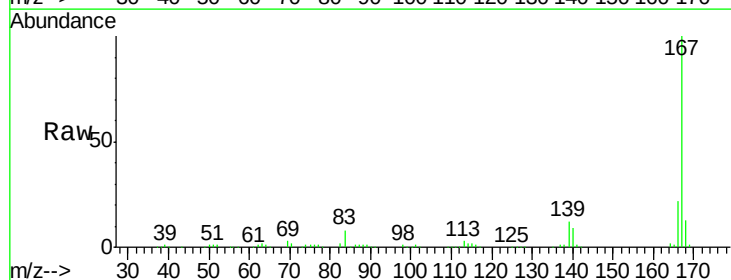
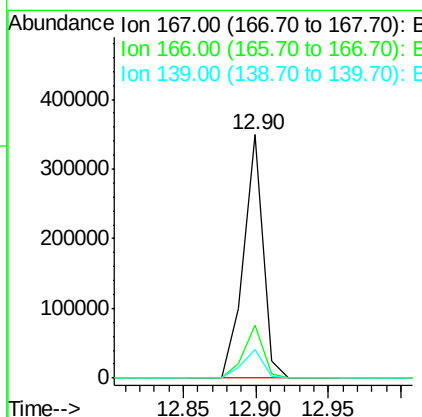
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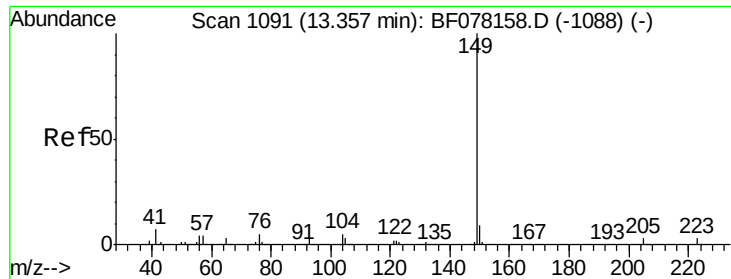
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#72
 Carbazole
 Concen: 9529.97 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	11.8	10.0	15.0





#73

Di-n-butylphthalate

Concen: 9654.98 ng

RT: 13.36 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

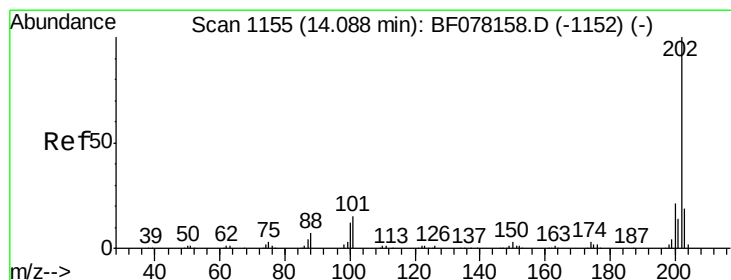
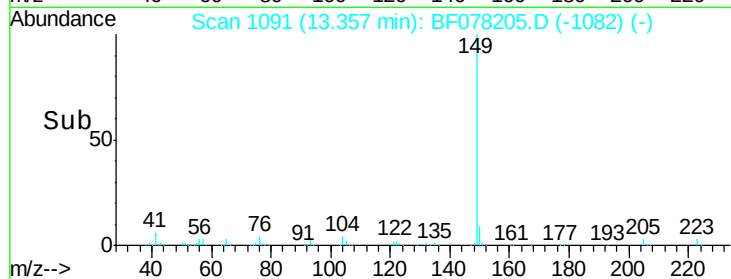
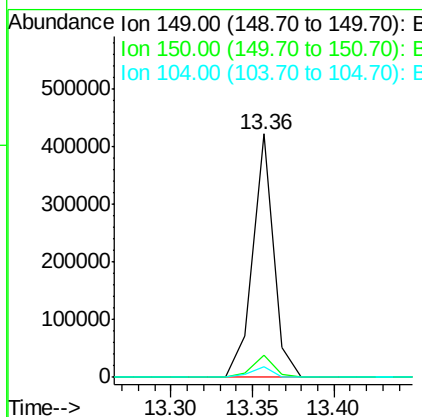
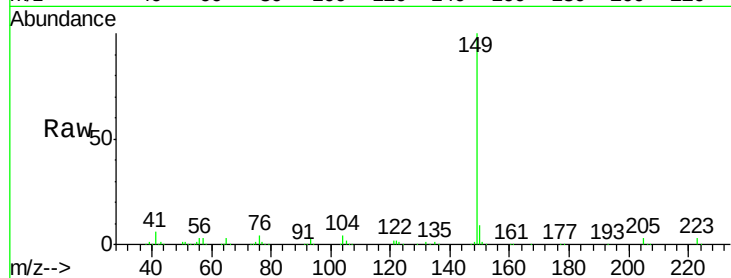
ClientSampleId :

PB82450BS

Tot Ion:	149	Resp:	375685
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.4	3.8	5.6

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#74

Fluoranthene

Concen: 9282.54 ng

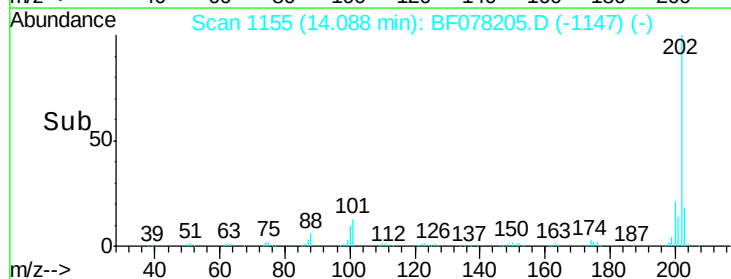
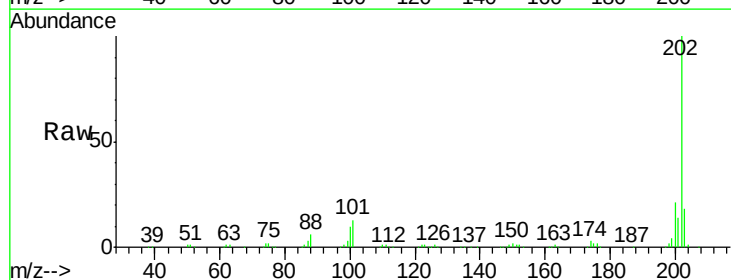
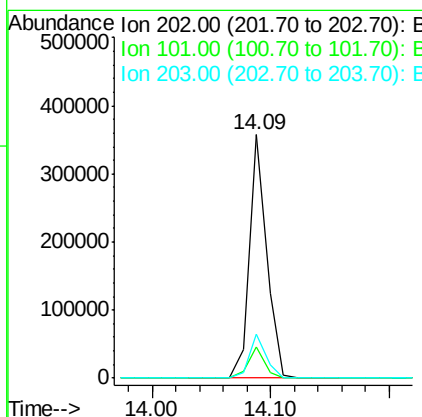
RT: 14.09 min Scan# 1155

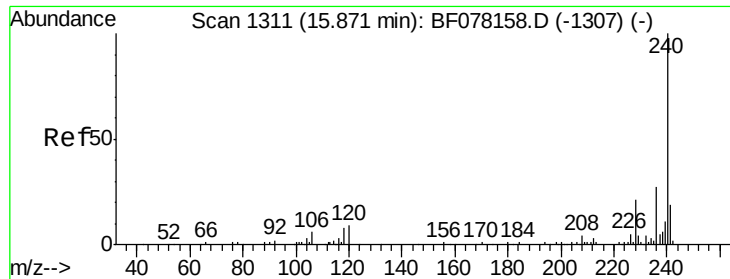
Delta R.T. -0.01 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	202	Resp:	364107
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	35.2
203	18.0	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

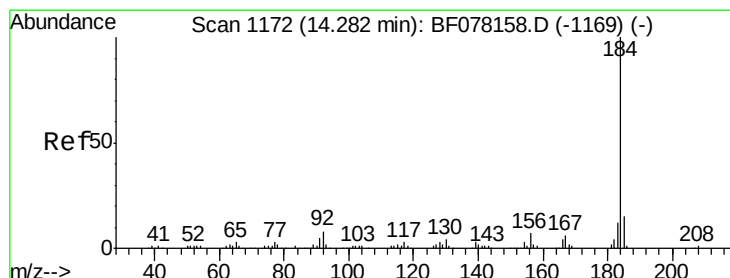
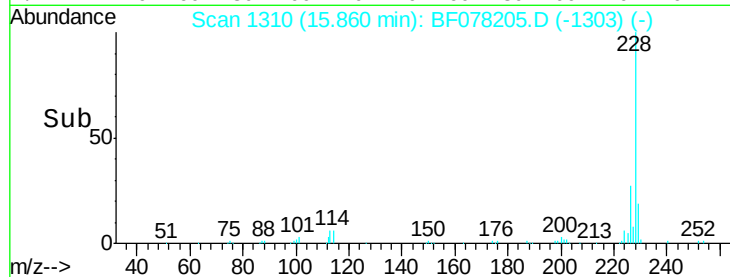
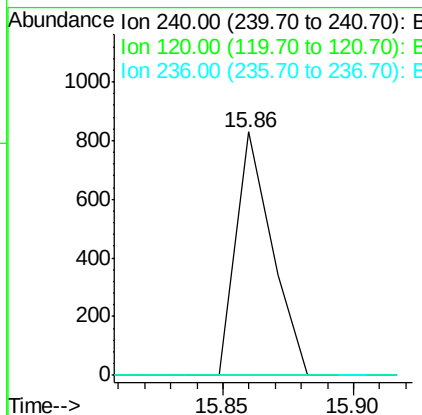
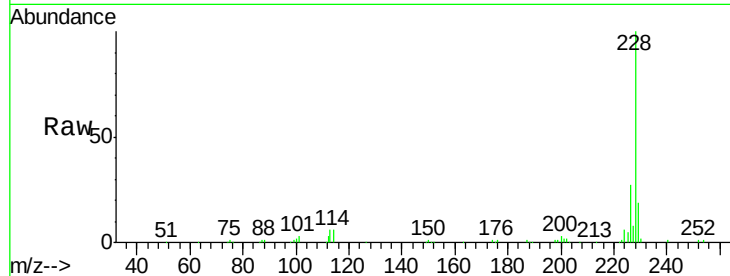
ClientSampleId :

PB82450BS

Tot Ion:	240	Resp:	803
Ion Ratio	Lower	Upper	
240	100		
120	0.0	7.1	10.7#
236	0.0	21.4	32.2#

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#76

Benzidine

Concen: 7273.90 ng

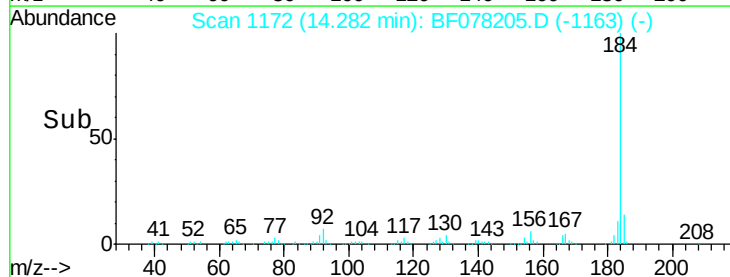
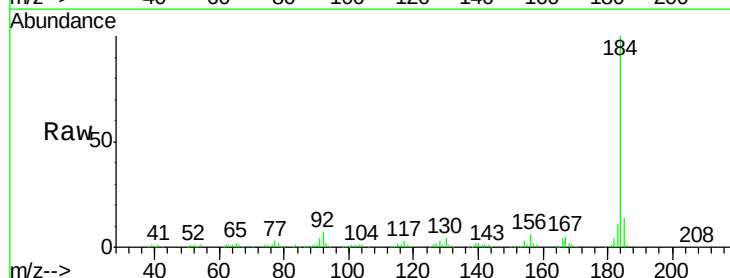
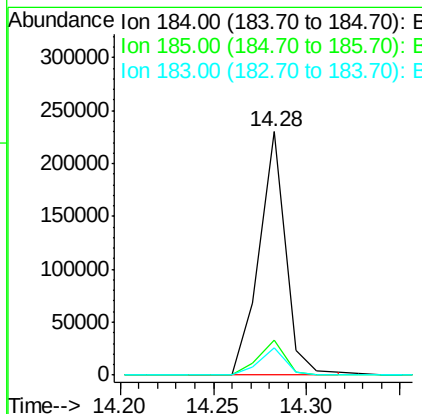
RT: 14.28 min Scan# 1172

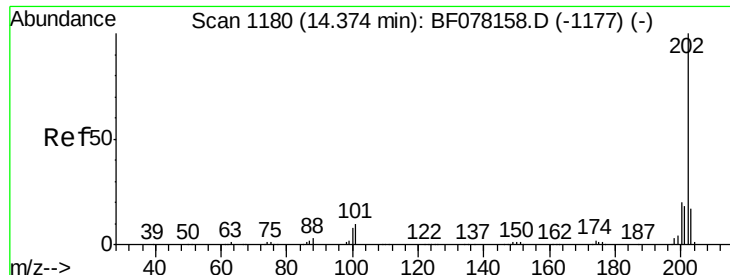
Delta R.T. 0.00 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	184	Resp:	224908
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.4	9.5	14.3





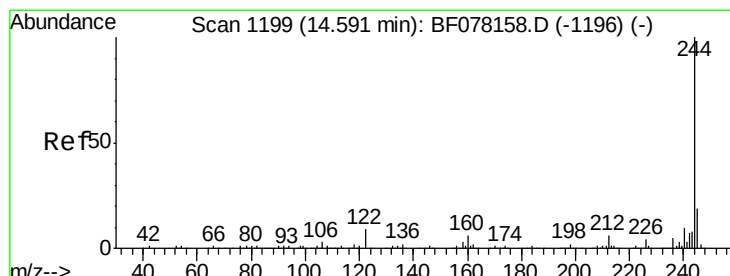
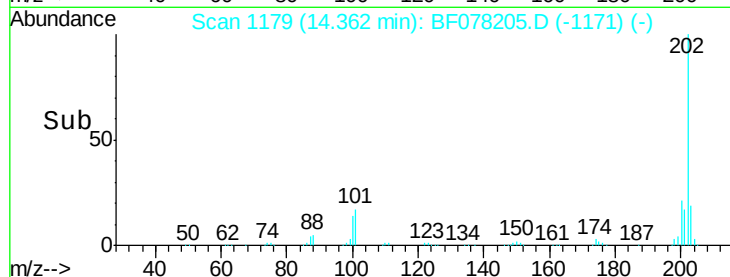
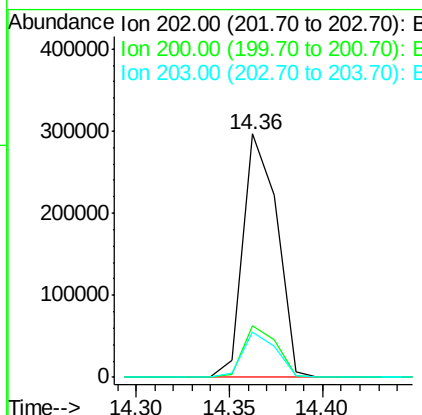
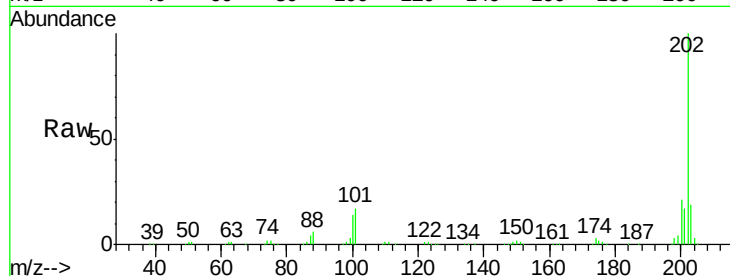
#77
Pvrene
Concen: 7463.88 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.7	13.8	20.6

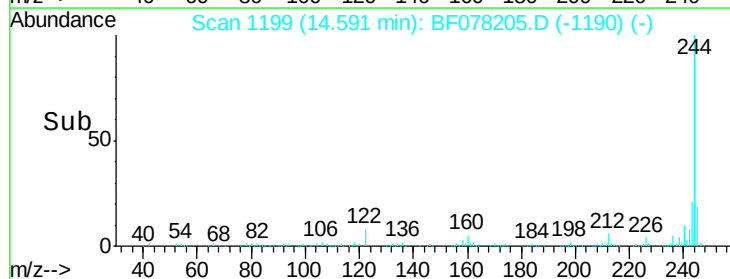
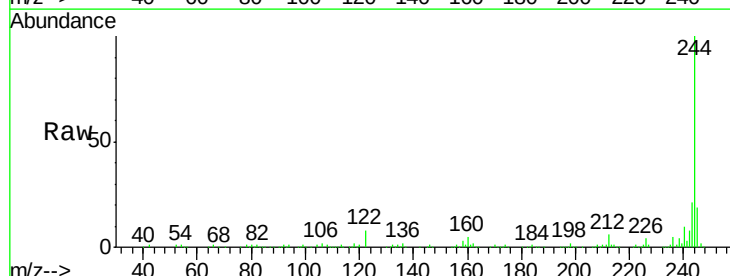
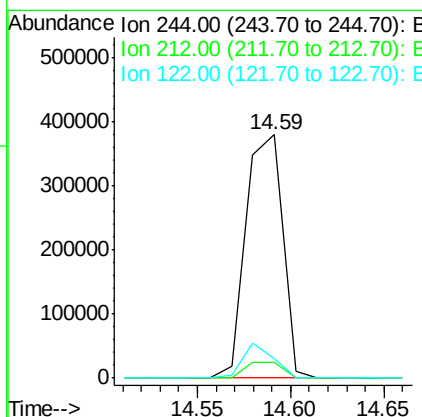
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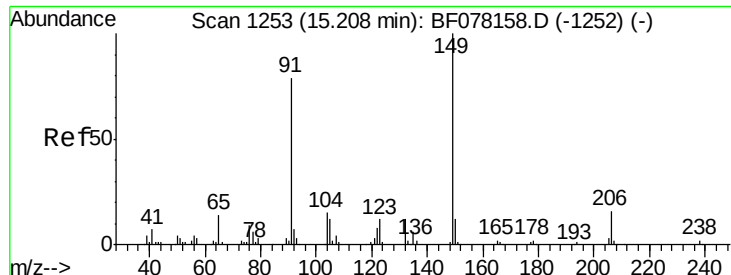
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#78
Terphenyl-d14
Concen: 14630.87 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.0	7.4
122	7.9	7.1	10.7





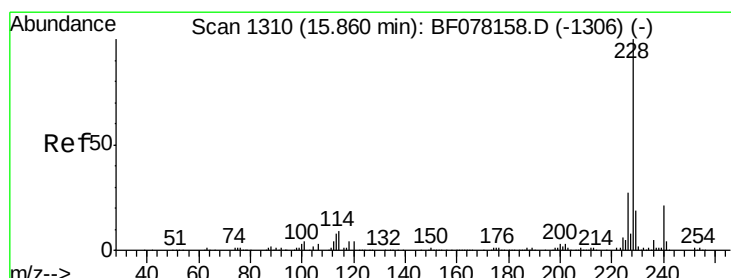
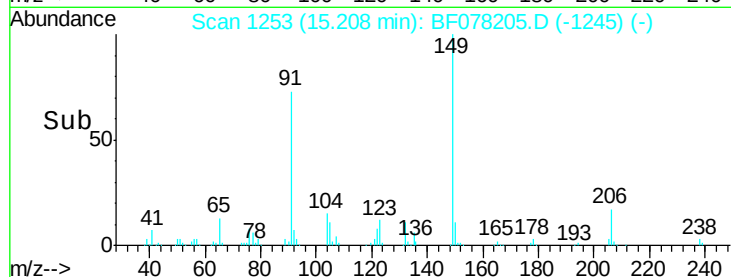
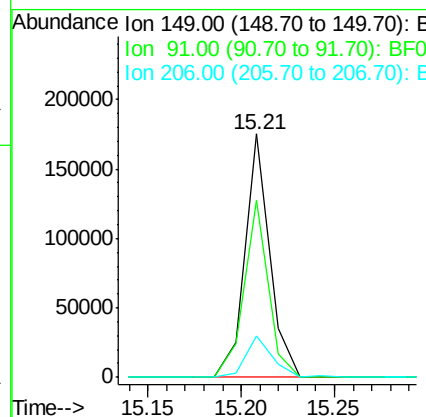
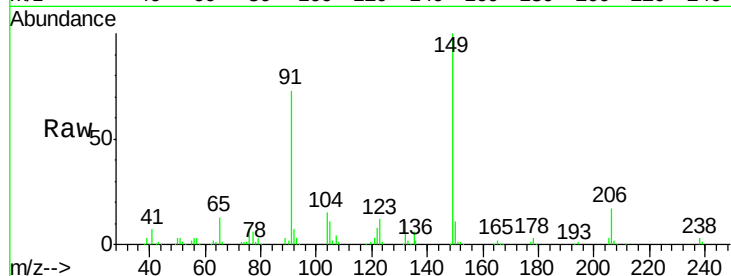
#79
Butylbenzylphthalate
Concen: 8475.44 ng
RT: 15.21 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	162836		
91	72.8	64.2	96.2	
206	17.2	12.6	18.8	

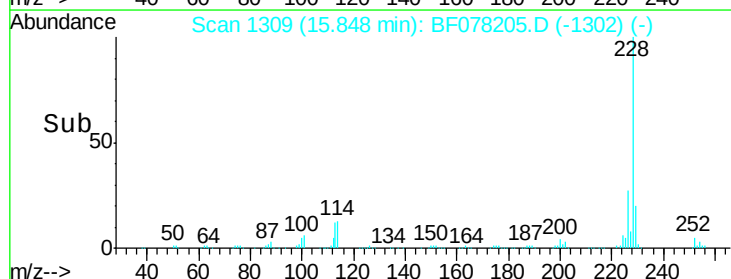
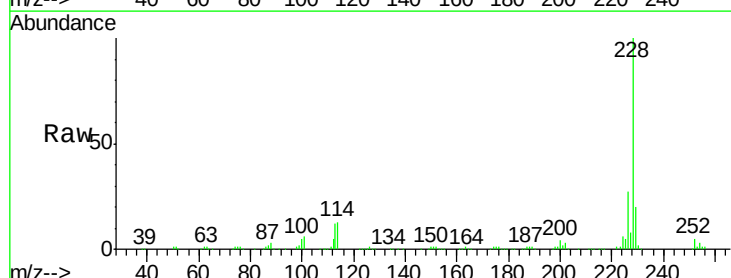
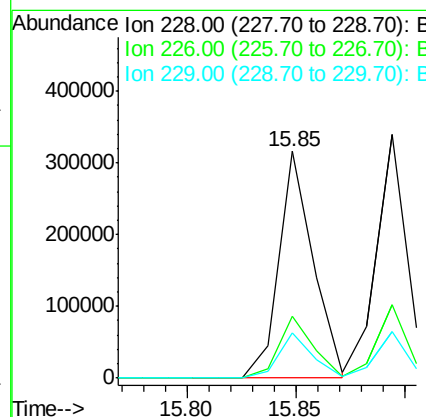
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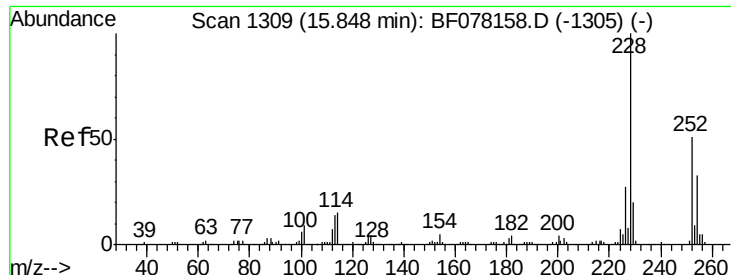
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#80
Benzo(a)anthracene
Concen: 7314.12 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	349444		
226	27.1	21.3	31.9	
229	20.0	15.4	23.2	





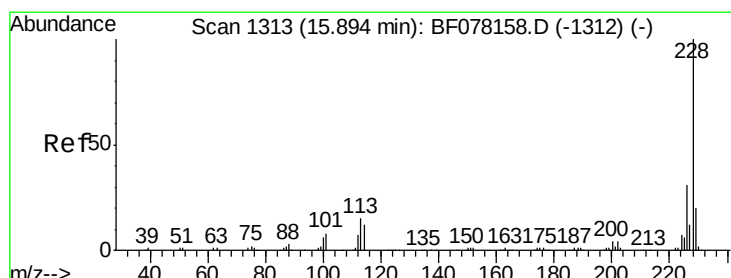
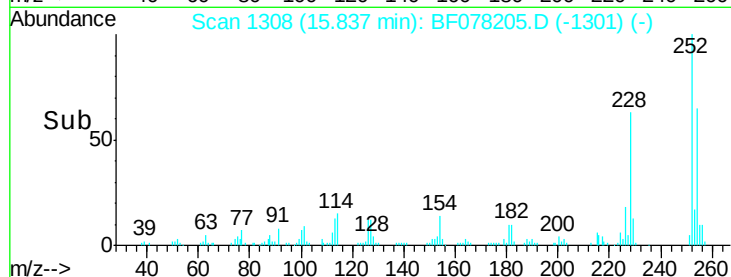
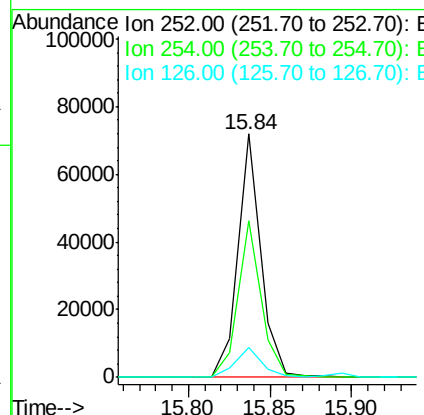
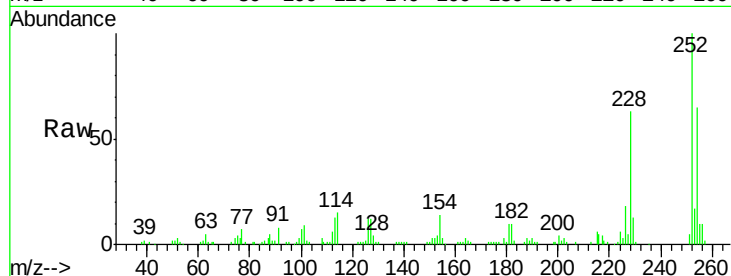
#81
 3,3'-Dichlorobenzidine
 Concen: 4343.38 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleID :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	69500		
254	64.5	51.2	76.8	
126	12.4	6.3	9.5	

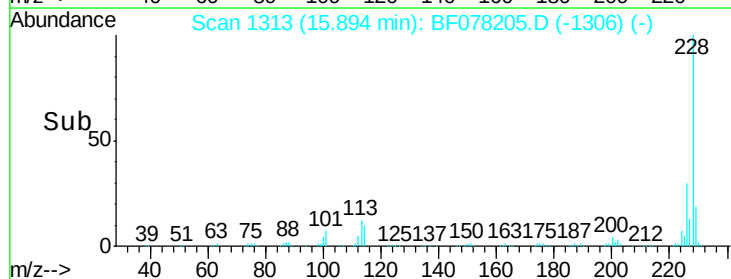
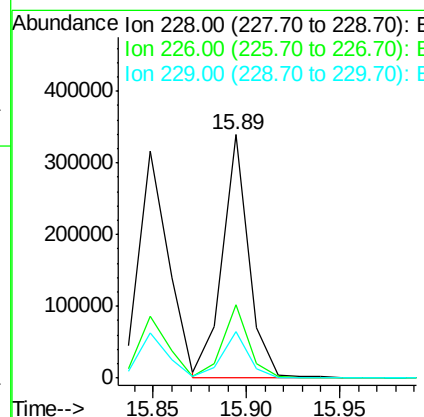
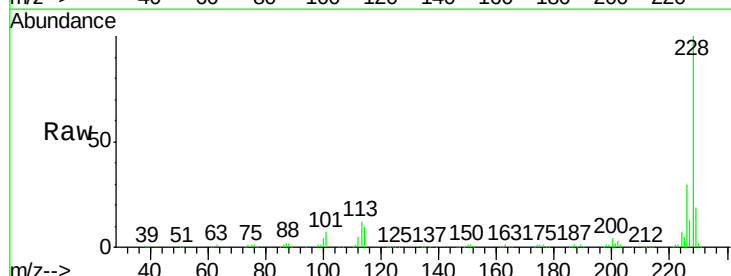
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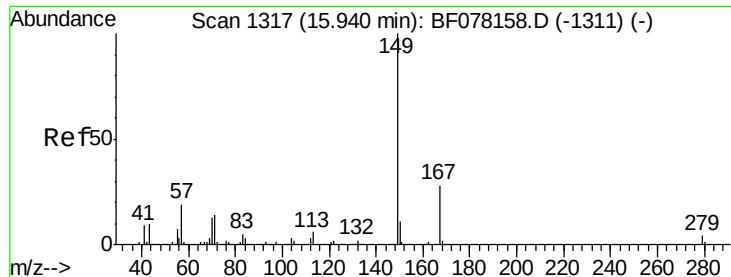
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#82
 Chrysene
 Concen: 7418.18 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	332995		
226	30.1	24.2	36.4	
229	19.2	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 8003.20 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

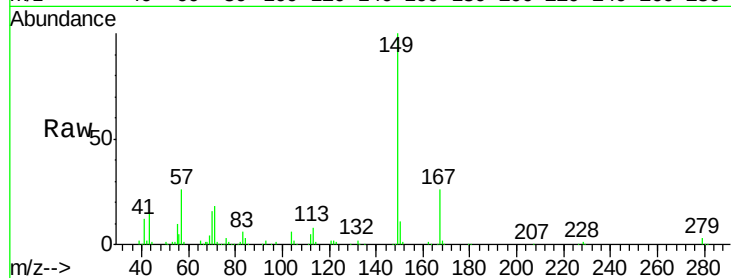
ClientSampleId :

PB82450BS

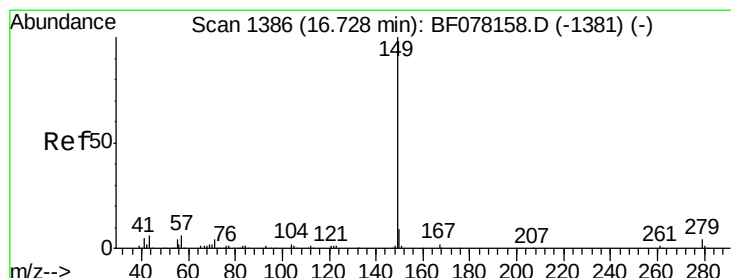
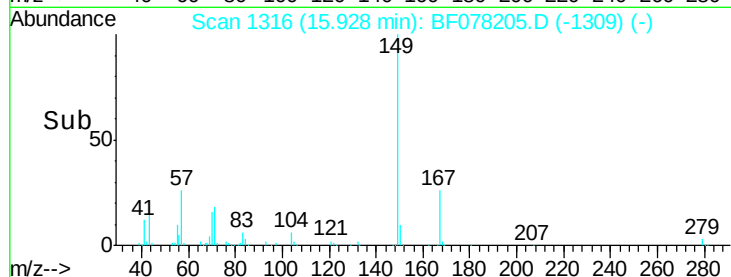
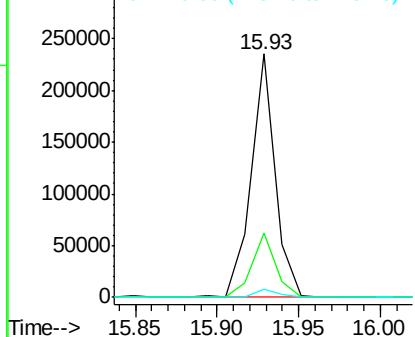
Tot Ion:	149	Resp:	241164
Ion Ratio		Lower	Upper
149	100		
167	26.3	22.2	33.2
279	3.1	3.2	4.8#

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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: 8614.05 ng

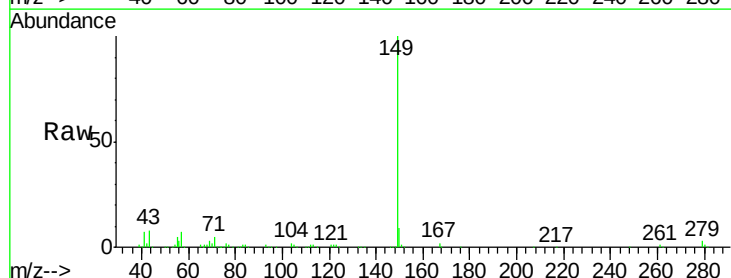
RT: 16.71 min Scan# 1384

Delta R.T. -0.07 min

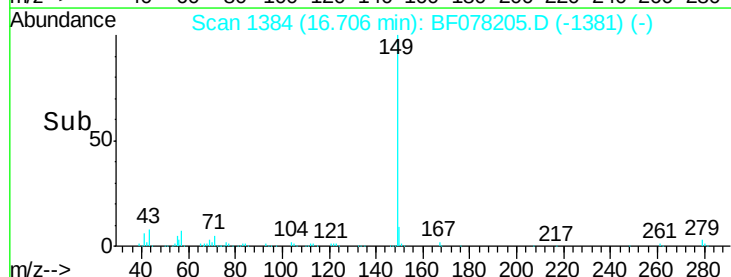
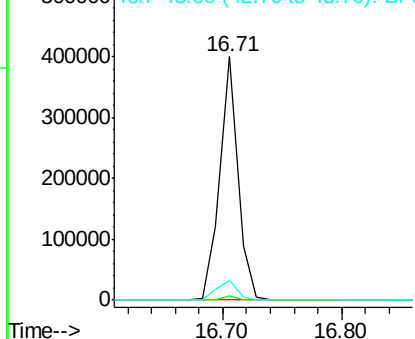
Lab File: BF078205.D

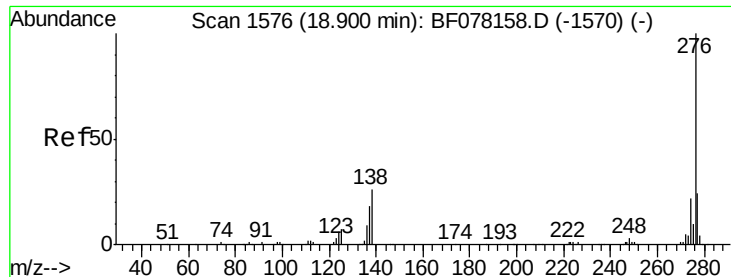
Acq: 2 Apr 2015 17:50

Tgt Ion:	149	Resp:	426207
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.0	0.0	0.0#



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: 7473.44 ng

RT: 18.85 min Scan# 1572

Delta R.T. -0.16 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion:276 Resp: 380667
Ion Ratio Lower Upper

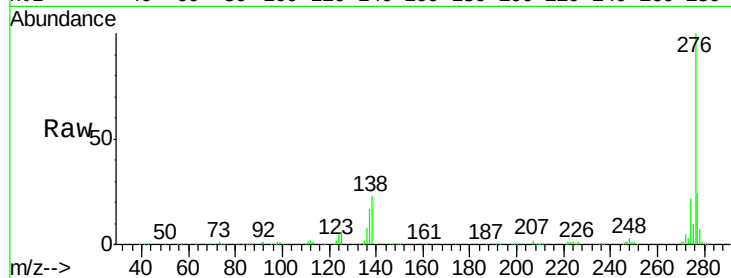
276 100

138 29.2 16.9 25.3#

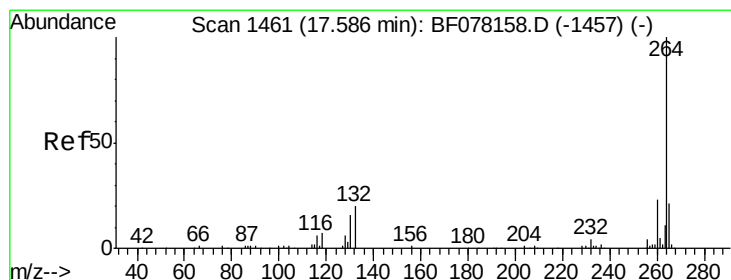
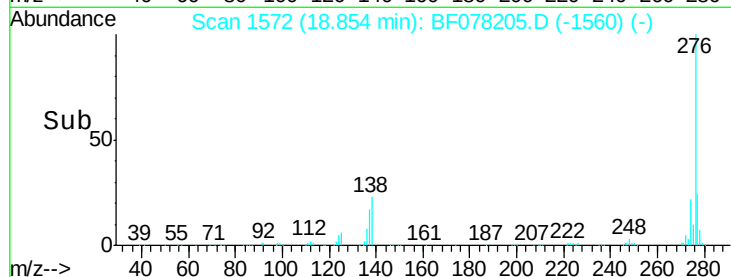
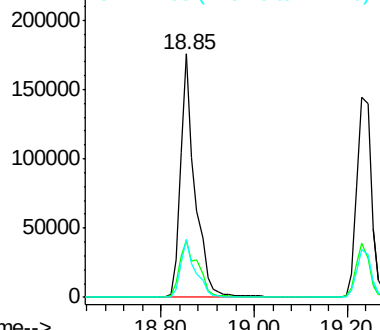
277 24.4 15.8 23.6#

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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: 17.55 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BF078205.D

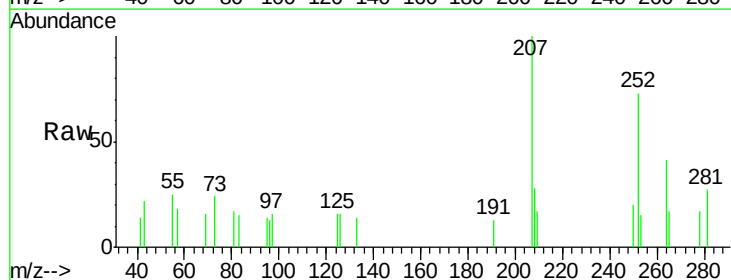
Acq: 2 Apr 2015 17:50

Tgt Ion:264 Resp: 1166
Ion Ratio Lower Upper

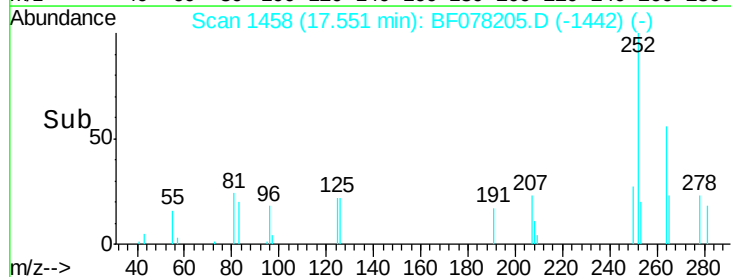
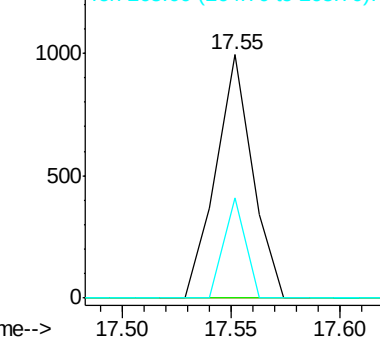
264 100

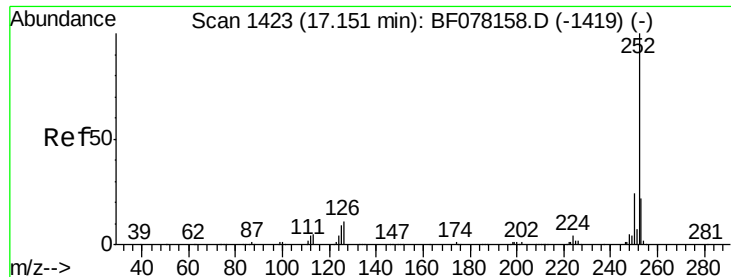
260 0.0 18.6 27.8#

265 41.0 17.0 25.6#



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





#87

Benzo(b)fluoranthene

Concen: 5120.52 ng

RT: 17.12 min Scan# 1420

Delta R.T. -0.09 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Instrument :

BNA_F

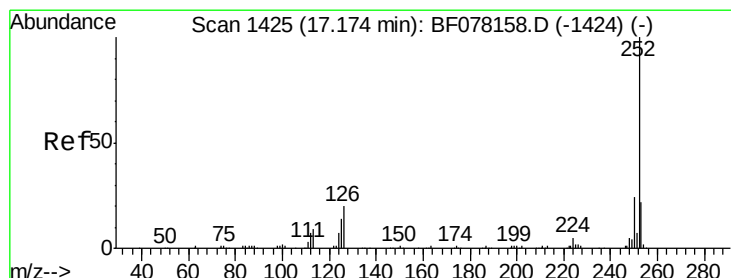
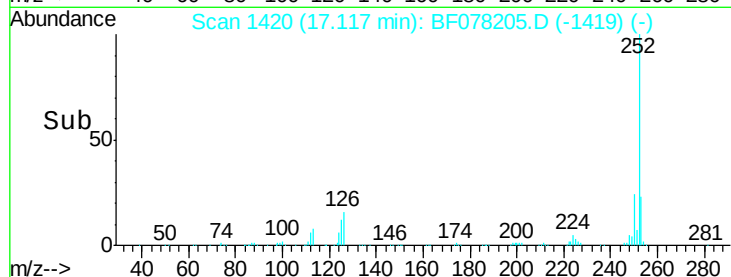
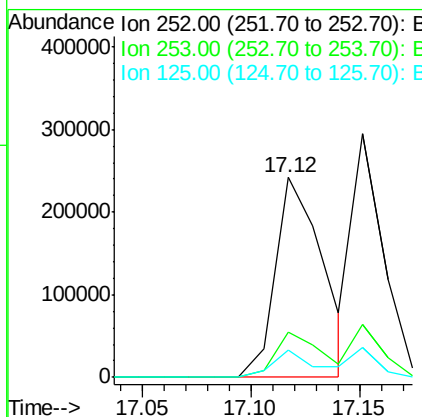
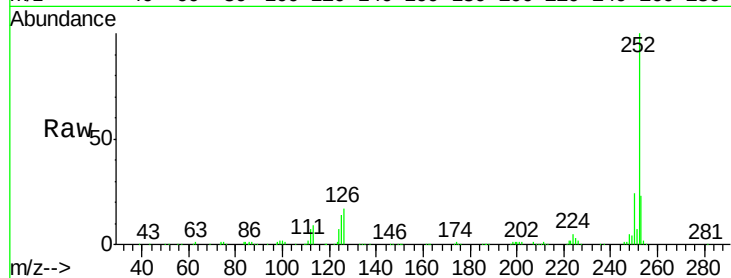
ClientSampleId :

PB82450BS

Tot Ion:	252	Resp:	369000
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	13.6	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 4716.92 ng m

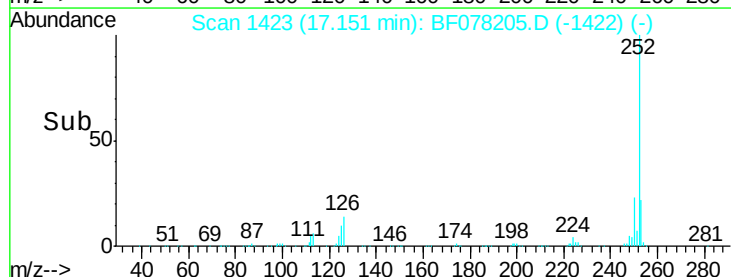
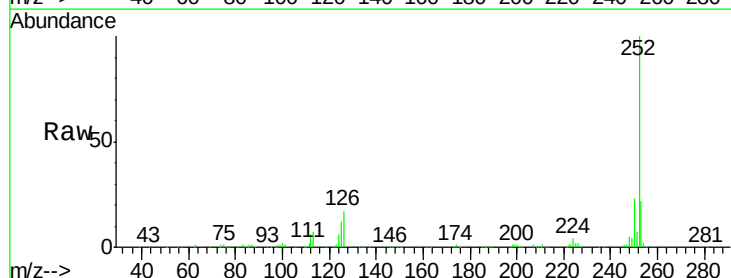
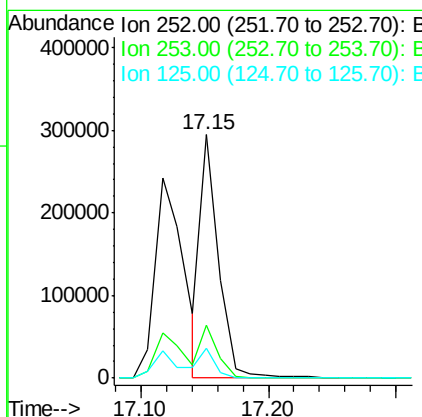
RT: 17.15 min Scan# 1423

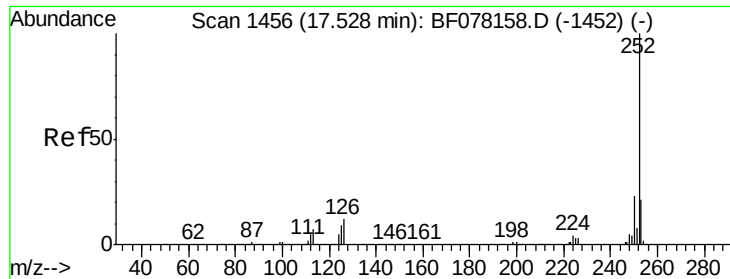
Delta R.T. -0.09 min

Lab File: BF078205.D

Acq: 2 Apr 2015 17:50

Tgt Ion:	252	Resp:	302071
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	12.0	11.6	17.4





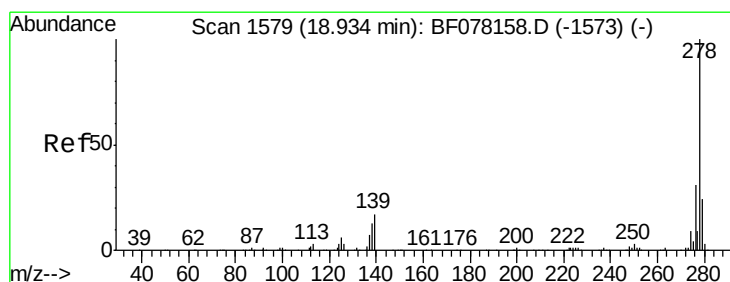
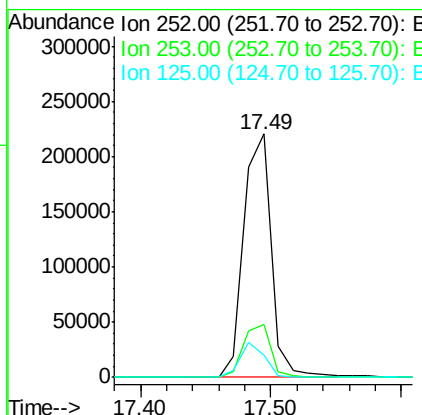
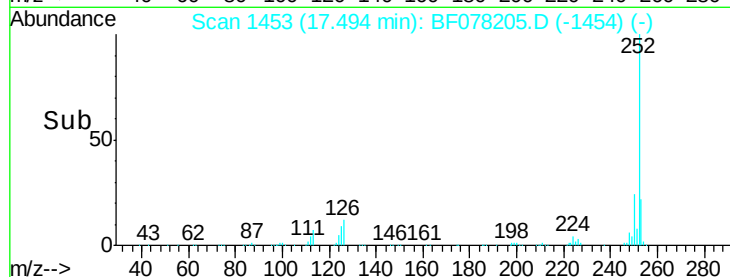
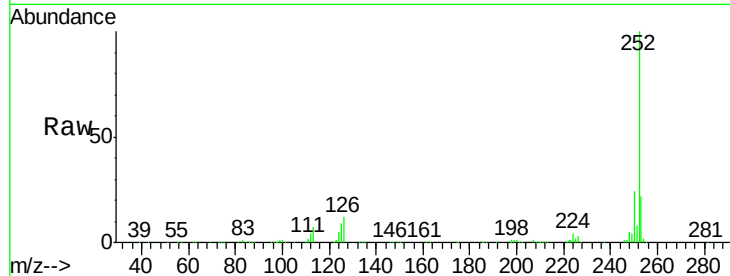
#89
Benzo(a)pyrene
Concen: 5143.40 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.11 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:	252	Resp:	323475
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.8	25.2
125	9.2	7.4	11.0

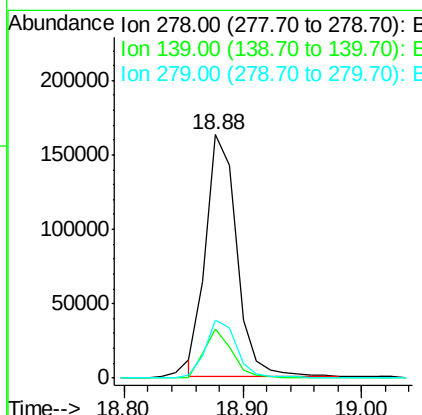
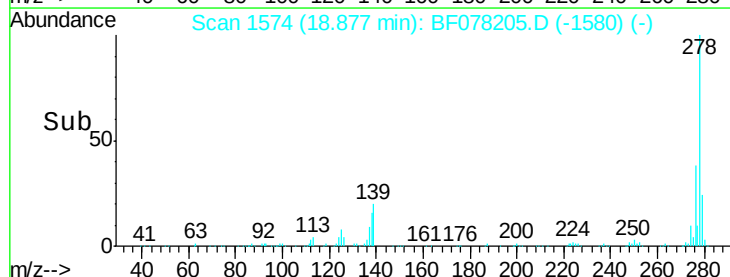
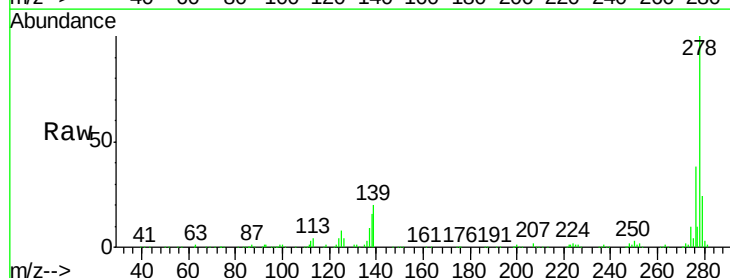
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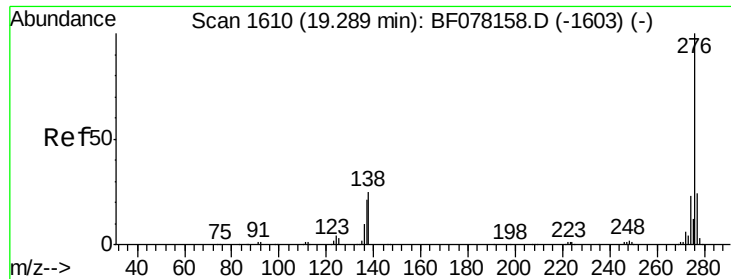
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#90
Dibenzo(a,h)anthracene
Concen: 4630.12 ng
RT: 18.88 min Scan# 1574
Delta R.T. -0.17 min
Lab File: BF078205.D
Acq: 2 Apr 2015 17:50

Tgt Ion:	278	Resp:	291538
Ion Ratio	Lower	Upper	
278	100		
139	20.2	13.6	20.4
279	23.9	19.0	28.6





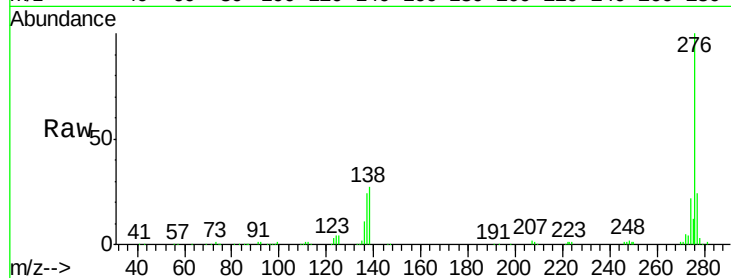
#91
 Benzo(a,h,i)perylene
 Concen: 4801.96 ng
 RT: 19.23 min Scan# 1605
 Delta R.T. -0.17 min
 Lab File: BF078205.D
 Acq: 2 Apr 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	19.0	28.4
138	26.7	19.9	29.9

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:05:41 PM



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

