

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078169.D
 Acq On : 1 Apr 2015 23:24
 Operator : TP/IZ
 Sample : PB82441BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:07 PM

Quant Time: Apr 02 13:52:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	40000	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	170207	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	89096	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	167822	20.00	ng	0.00
75) Chrysene-d12	15.86	240	167486	20.00	ng	-0.01
86) Perylene-d12	17.53	264	159133	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	288345	118.85	ng	0.00
7) Phenol-d6	6.60	99	365585	120.24	ng	0.00
23) Nitrobenzene-d5	7.71	82	206525	73.55	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	91378	123.66	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	468187	75.11	ng	0.00
78) Terphenyl-d14	14.59	244	541871	73.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	31465	28.68	ng	95
3) Pyridine	2.52	79	101001	35.15	ng	97
4) n-Nitrosodimethylamine	2.45	42	44595m	40.32	ng	
6) Aniline	6.60	93	78533	18.21	ng	# 81
8) 2-Chlorophenol	6.75	128	116249	40.52	ng	99
10) Phenol	6.62	94	143243	39.32	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	107793	41.15	ng	98
12) 1,3-Dichlorobenzene	6.93	146	119774	38.01	ng	98
13) 1,4-Dichlorobenzene	7.04	146	121548	38.32	ng	99
14) 1,2-Dichlorobenzene	7.22	146	116329	39.11	ng	99
15) Benzyl Alcohol	7.21	79	85534	40.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	139517	39.92	ng	100
17) 2-Methylphenol	7.37	107	89736	40.29	ng	97
18) Hexachloroethane	7.64	117	41494	38.79	ng	98
19) n-Nitroso-di-n-propylamine	7.55	70	81494	40.62	ng	99
20) 3+4-Methylphenols	7.56	107	122152	41.11	ng	99
22) Acetophenone	7.53	105	153700	38.76	ng	# 88
24) Nitrobenzene	7.73	77	109815	37.41	ng	# 80
25) Isophorone	8.04	82	208979	39.21	ng	99
26) 2-Nitrophenol	8.13	139	56042	40.06	ng	96
27) 2,4-Dimethylphenol	8.21	122	103334	39.72	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	133978	39.20	ng	100
29) 2,4-Dichlorophenol	8.44	162	94450	39.91	ng	99
30) 1,2,4-Trichlorobenzene	8.53	180	103008	37.96	ng	100
31) Naphthalene	8.62	128	335042	37.82	ng	99
32) Benzoic acid	8.34	122	43858	37.32	ng	96
33) 4-Chloroaniline	8.70	127	72031	19.59	ng	99
34) Hexachlorobutadiene	8.78	225	53754	36.08	ng	96
35) Caprolactam	9.13	113	28218	39.95	ng	99
36) 4-Chloro-3-methylphenol	9.32	107	97944	41.02	ng	99
37) 2-Methylnaphthalene	9.48	142	235425	39.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	99866	36.17	ng	99
40) Hexachlorocyclopentadiene	9.68	237	94689	79.70	ng	97
42) 2,4,6-Trichlorophenol	9.84	196	66629	38.27	ng	99

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Manual Integrations
 APPROVED

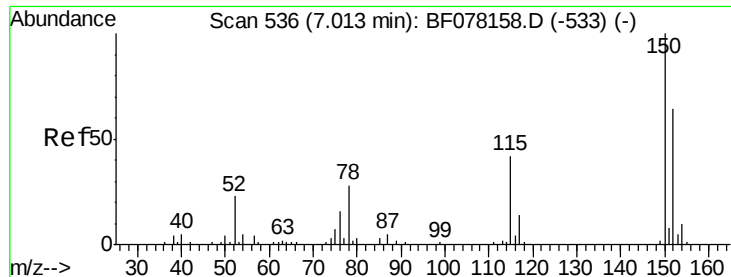
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.89	196	70106	38.54	nq	# 84
45) 1,1'-Biphenyl	10.06	154	279601	38.37	nq	100
46) 2-Chloronaphthalene	10.08	162	211400	36.87	nq	99
47) 2-Nitroaniline	10.21	65	56146	39.58	nq	96
48) Acenaphthylene	10.59	152	347468	37.53	nq	99
49) Dimethylphthalate	10.46	163	253886	37.93	nq	# 96
50) 2,6-Dinitrotoluene	10.53	165	56646	41.13	nq	94
51) Acenaphthene	10.80	154	194272	37.27	nq	100
52) 3-Nitroaniline	10.73	138	39508	25.23	nq	100
53) 2,4-Dinitrophenol	10.86	184	39800	76.15	nq	99
54) Dibenzofuran	11.01	168	307454	38.61	nq	98
55) 4-Nitrophenol	10.97	139	84778	73.75	nq	91
56) 2,4-Dinitrotoluene	11.02	165	74922	42.01	nq	93
57) Fluorene	11.44	166	251353	38.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	55646	41.27	nq	# 99
59) Diethylphthalate	11.33	149	250880	38.87	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	116304	39.17	nq	97
61) 4-Nitroaniline	11.48	138	57530	36.34	nq	96
62) Azobenzene	11.65	77	236859	40.21	nq	83
64) 4,6-Dinitro-2-methylphenol	11.53	198	28905	37.07	nq	# 52
65) n-Nitrosodiphenylamine	11.61	169	217642	37.49	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	69014	38.83	nq	98
67) Hexachlorobenzene	12.11	284	75679	38.86	nq	97
68) Atrazine	12.28	200	69375	41.26	nq	96
69) Pentachlorophenol	12.36	266	64871	75.59	nq	99
70) Phenanthrene	12.63	178	378064	38.95	nq	99
71) Anthracene	12.68	178	372872	38.98	nq	99
72) Carbazole	12.90	167	357038	39.83	nq	98
73) Di-n-butylphthalate	13.36	149	403021	39.68	nq	99
74) Fluoranthene	14.09	202	388960	37.99	nq	98
76) Benzidine	14.28	184	154793	24.00	nq	99
77) Pyrene	14.37	202	412020	39.19	nq	98
79) Butylbenzylphthalate	15.21	149	168028	41.93	nq	97
80) Benzo(a)anthracene	15.85	228	375253	37.66	nq	98
81) 3,3'-Dichlorobenzidine	15.84	252	59693	17.89	nq	# 97
82) Chrysene	15.89	228	352193	37.62	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	258046	41.06	nq	# 95
84) Di-n-octyl phthalate	16.69	149	442654	42.89	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.83	276	408707	38.47	nq	# 86
87) Benzo(b)fluoranthene	17.11	252	419970	42.70	nq	# 96
88) Benzo(k)fluoranthene	17.14	252	308384m	35.28	nq	
89) Benzo(a)pyrene	17.47	252	354937	41.35	nq	# 96
90) Dibenzo(a,h)anthracene	18.85	278	336699	39.18	nq	97
91) Benzo(g,h,i)perylene	19.21	276	332107	38.55	nq	98

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



#1

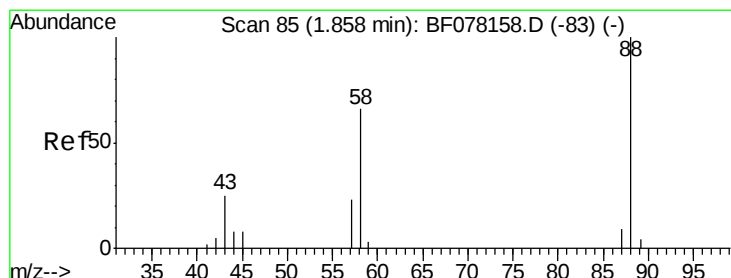
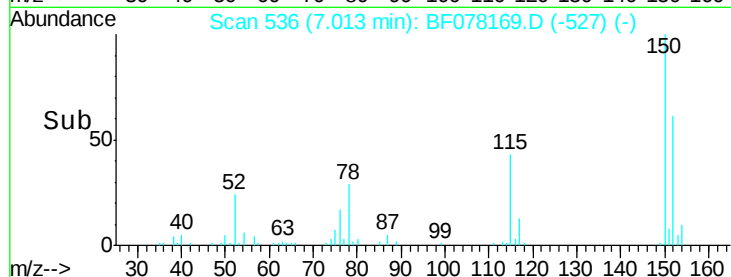
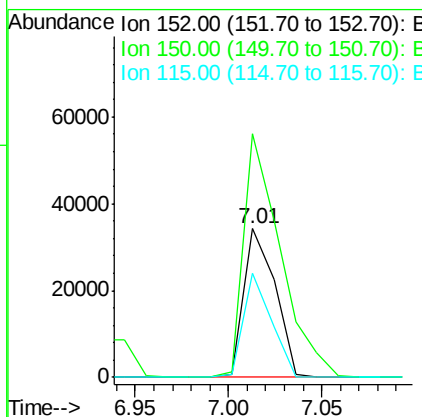
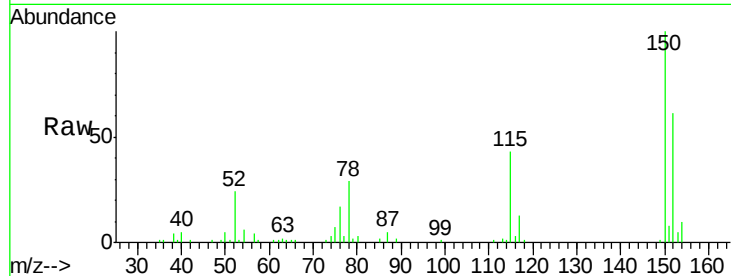
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	125.9	188.9
115	69.9	52.7	79.1

Manual Integrations
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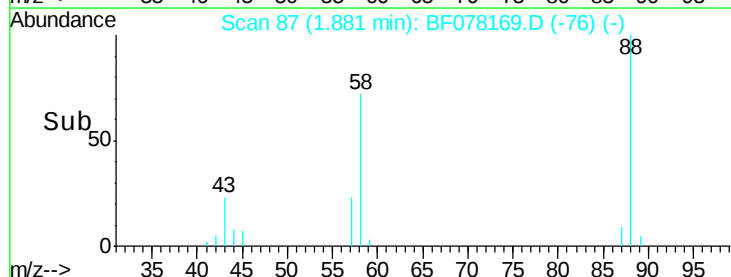
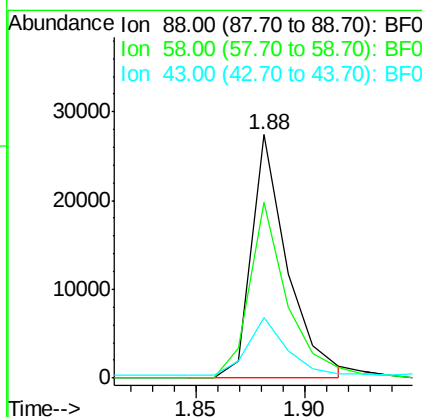
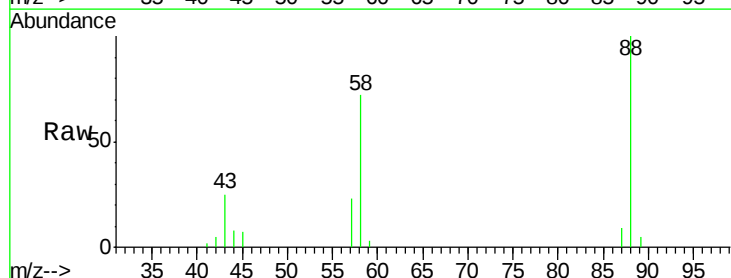
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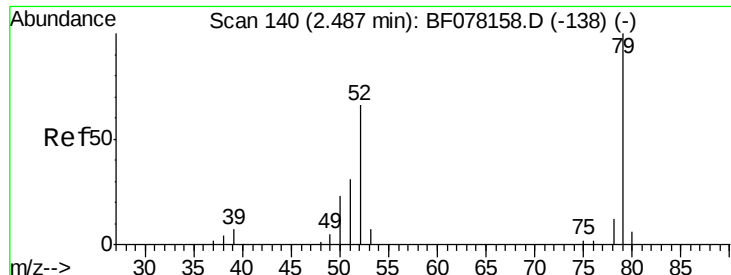


#2

1,4-Dioxane
Concen: 28.68 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	56.9	85.3
43	26.2	21.4	32.2





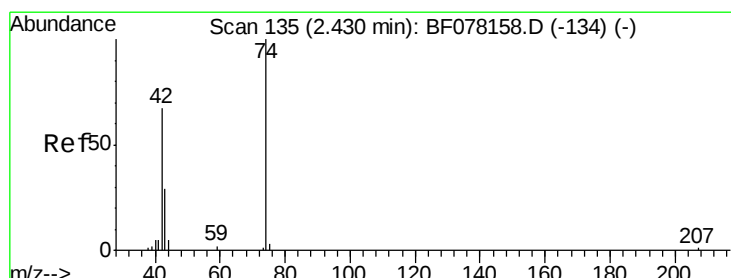
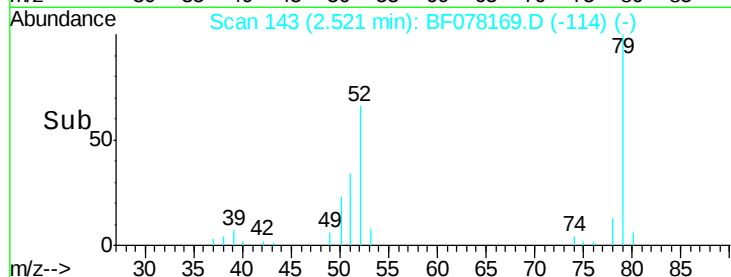
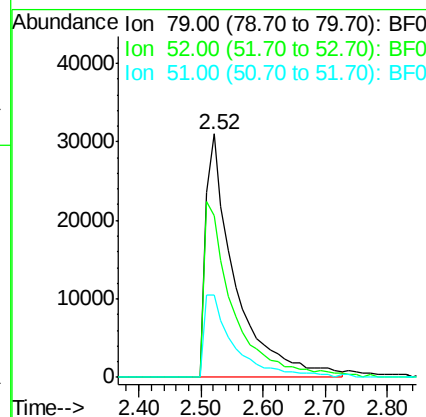
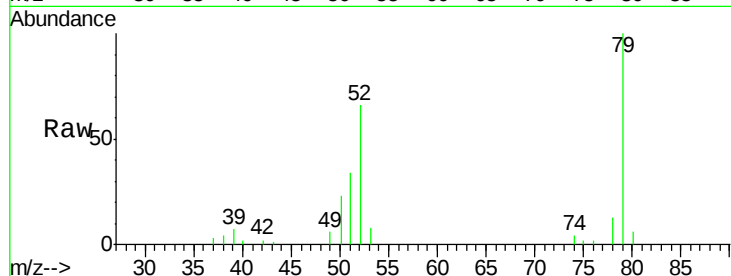
#3
 Pvridine
 Concen: 35.15 ng
 RT: 2.52 min Scan# 143
 Delta R.T. 0.03 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.5	52.4	78.6
51	34.0	24.9	37.3

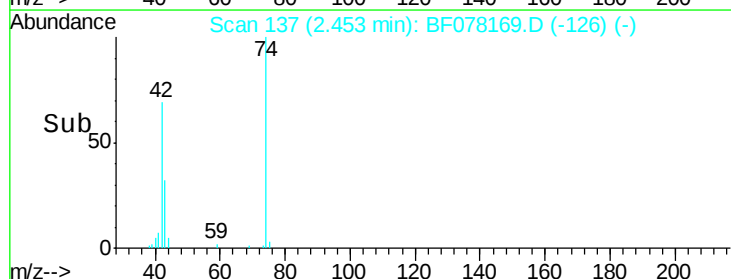
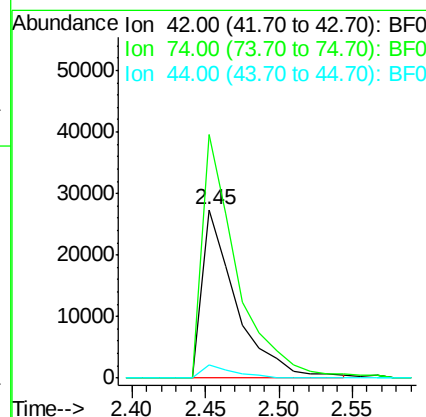
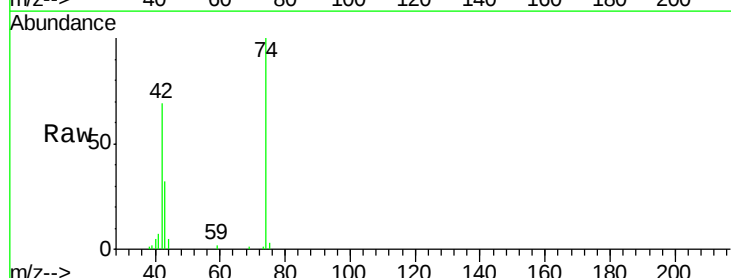
Manual Integrations
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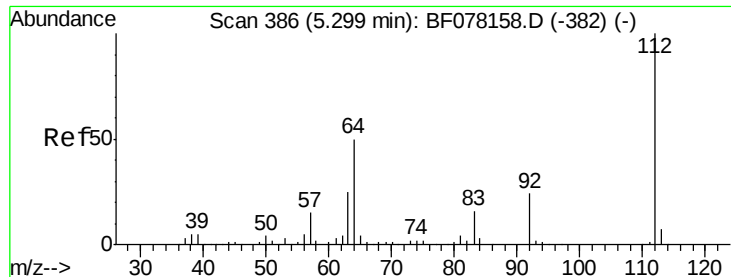
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#4
 n-Nitrosodimethylamine
 Concen: 40.32 ng m
 RT: 2.45 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.4	118.7	178.1
44	7.7	5.9	8.9





#5

2-Fluorophenol

Concen: 118.85 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

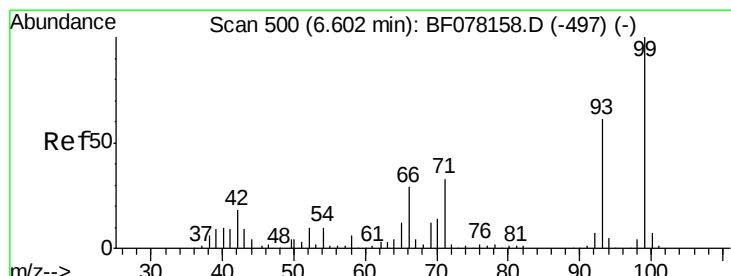
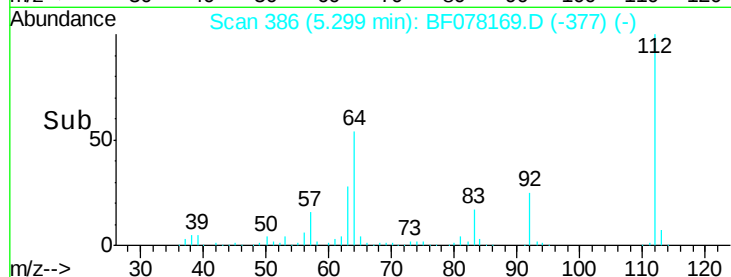
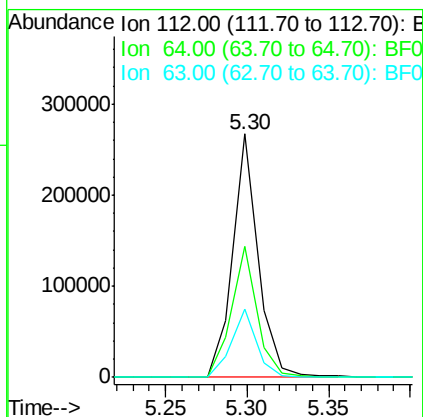
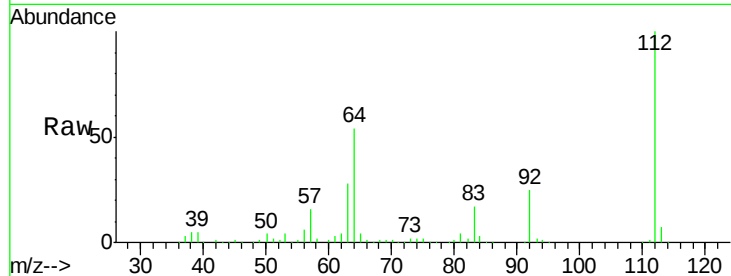
ClientSampleId :

PB82441BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.6	39.9	59.9
63	28.0	20.2	30.4

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#6

Aniline

Concen: 18.21 ng

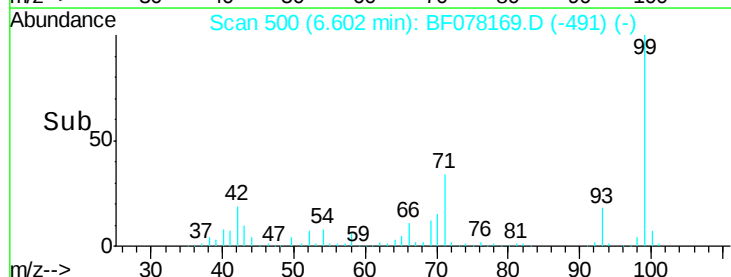
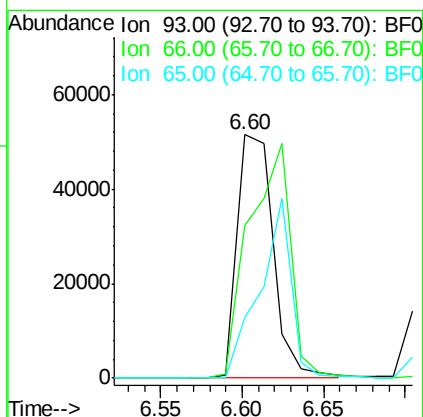
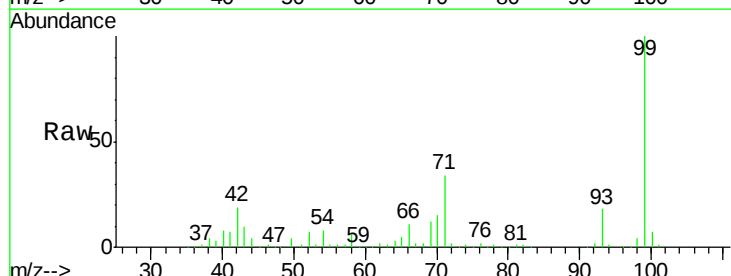
RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	62.5	38.0	57.0#
65	24.9	16.3	24.5#





#7

Phenol-d6

Concen: 120.24 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

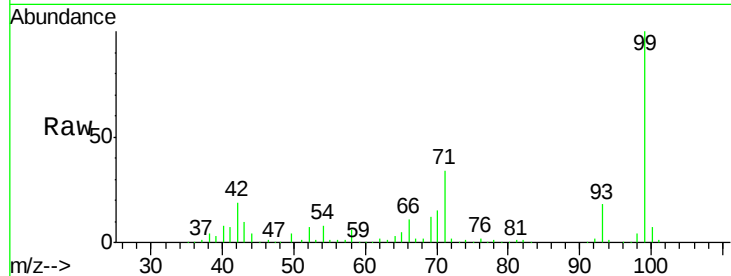
ClientSampleId :

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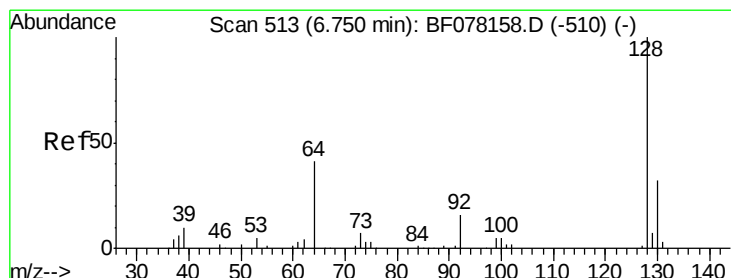
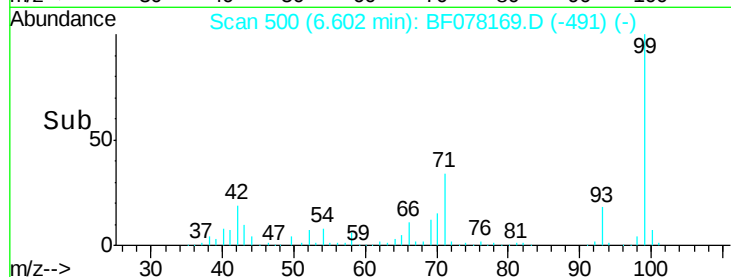
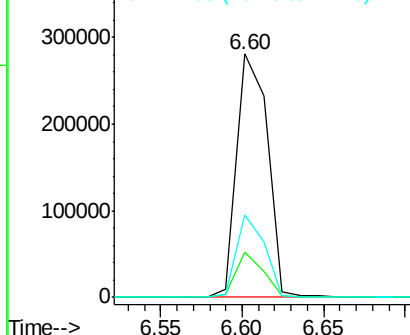
Tot Ion:	99	Resp:	365585
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.8	22.2
71	33.7	26.6	39.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.52 ng

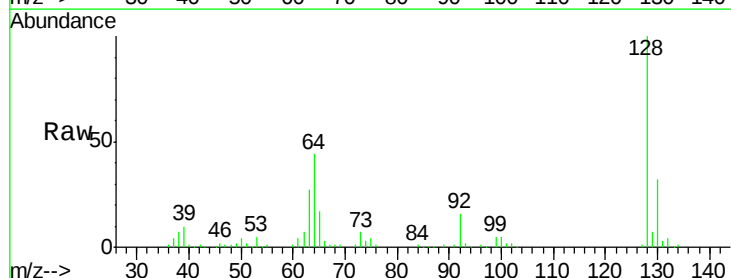
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

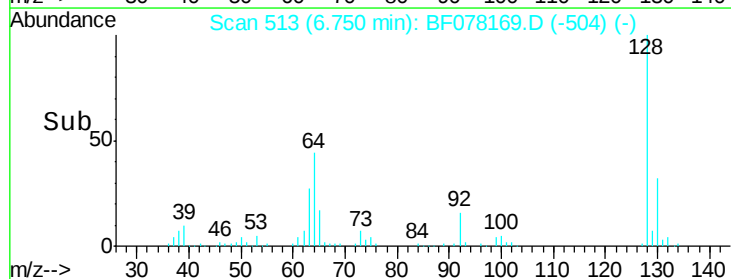
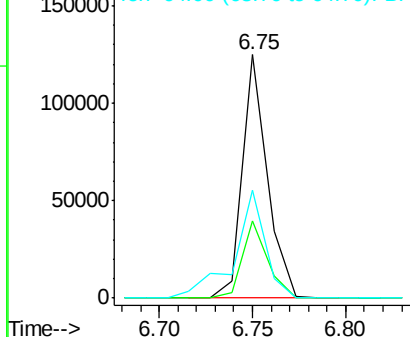
Lab File: BF078169.D

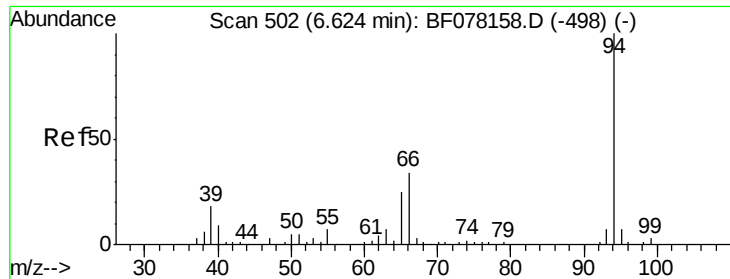
Acq: 1 Apr 2015 23:24

Tgt Ion:	128	Resp:	116249
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	44.2	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 39.32 ng

RT: 6.62 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

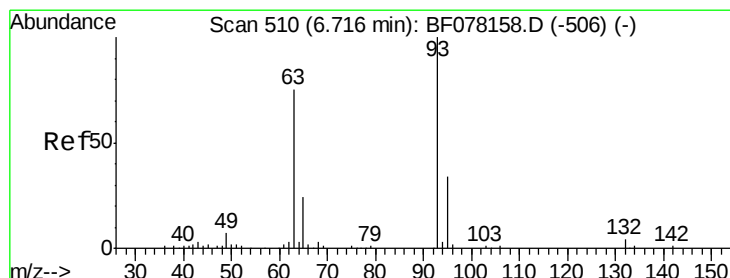
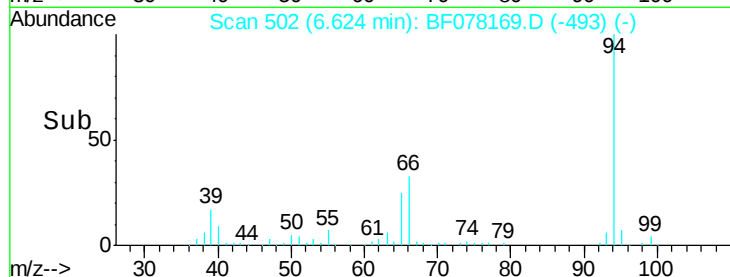
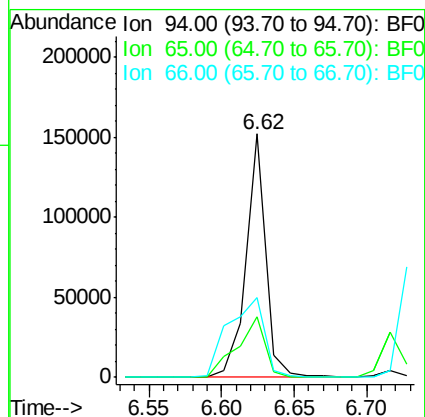
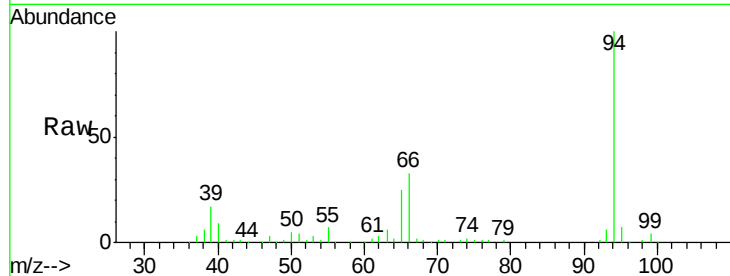
ClientSampleId :

PB82441BS

Tot Ion:	94	Resp:	143243
Ion	Ratio	Lower	Upper
94	100		
65	24.9	4.9	44.9
66	32.6	13.8	53.8

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 41.15 ng

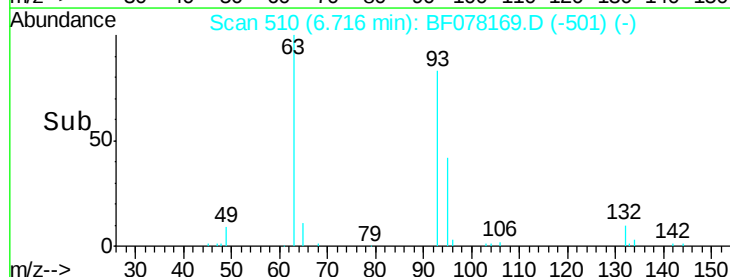
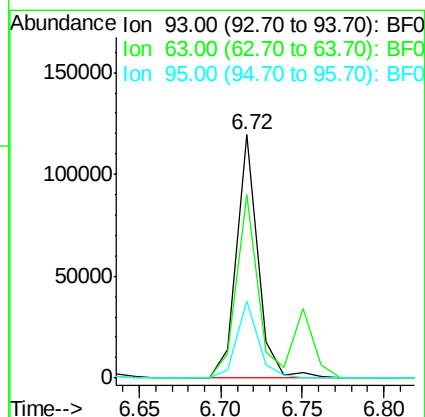
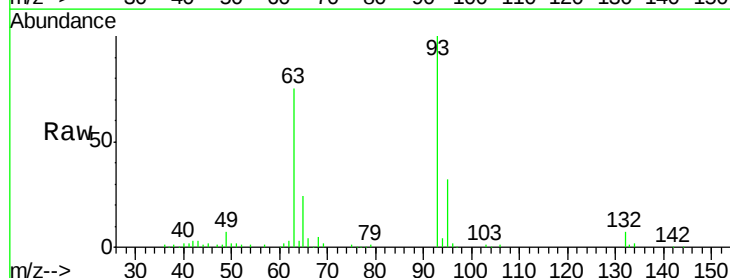
RT: 6.72 min Scan# 510

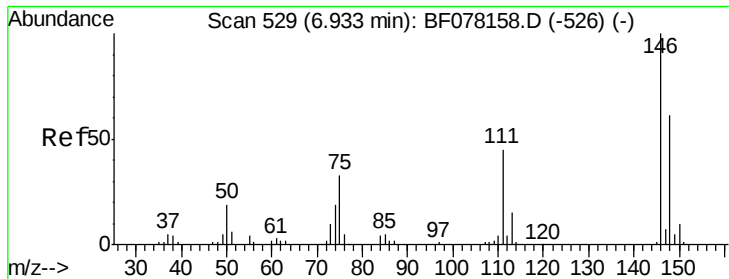
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	93	Resp:	107793
Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.6	94.6
95	31.6	13.6	53.6





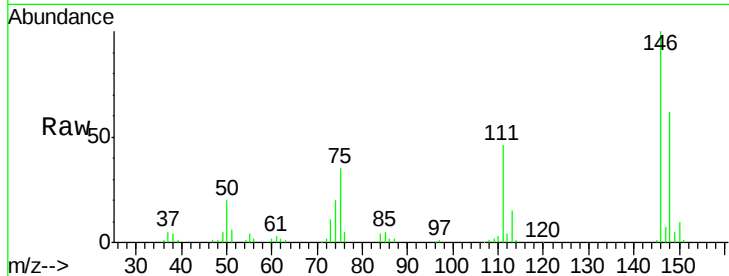
#12
 1,3-Dichlorobenzene
 Concen: 38.01 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.1	73.7
75	35.5	26.6	40.0

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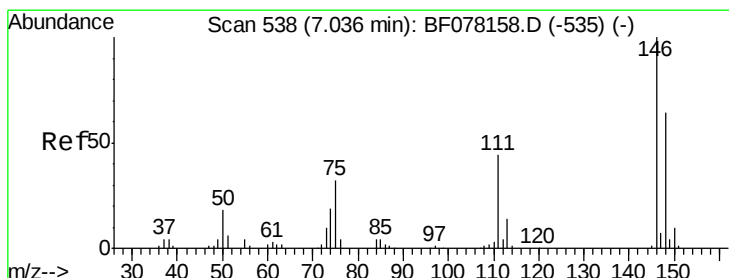
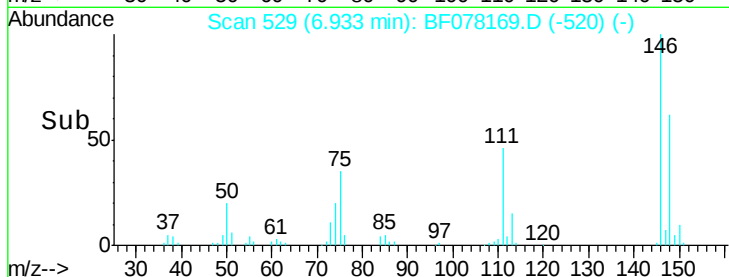
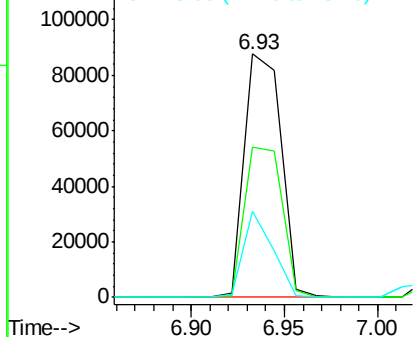


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13
 1,4-Dichlorobenzene
 Concen: 38.32 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

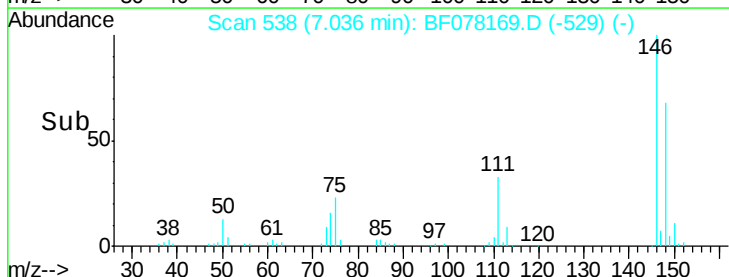
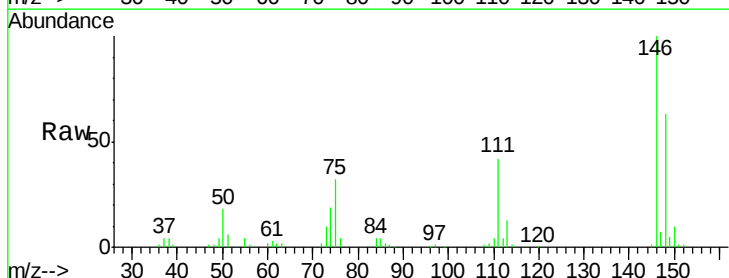
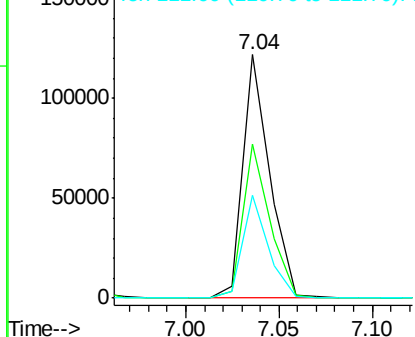
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	42.4	35.0	52.4

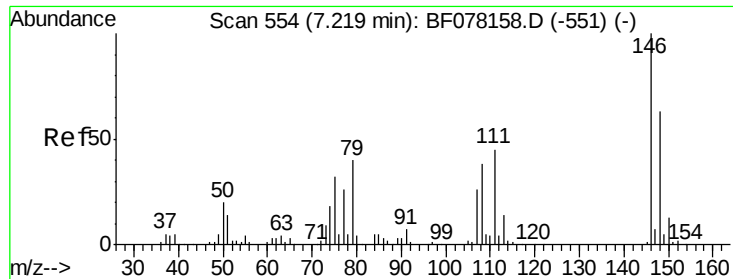
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





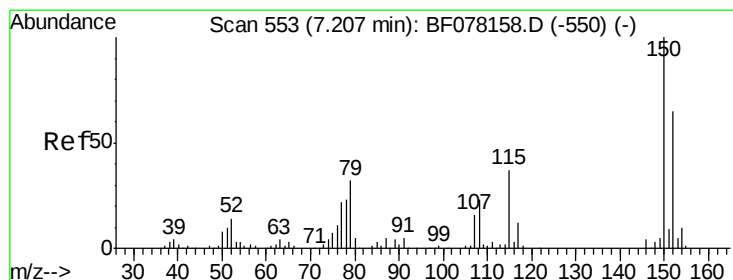
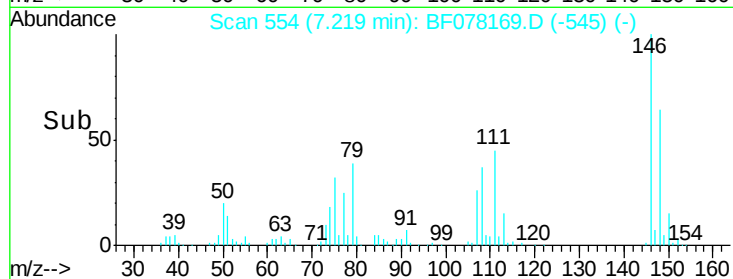
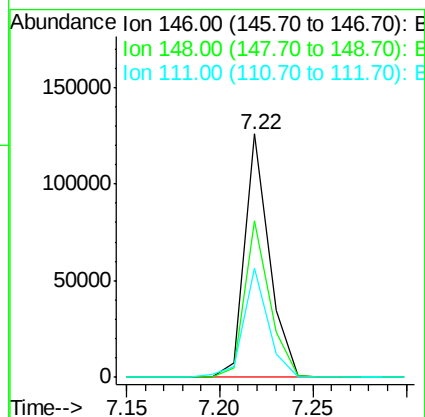
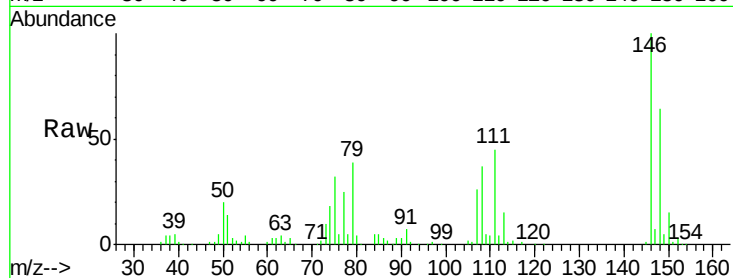
#14
1,2-Dichlorobenzene
Concen: 39.11 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.2	50.2	75.4		
111	44.9	36.1	54.1		

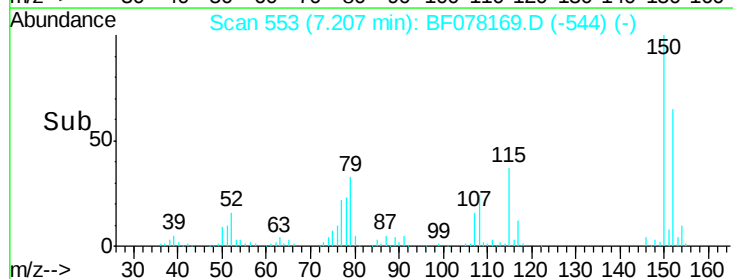
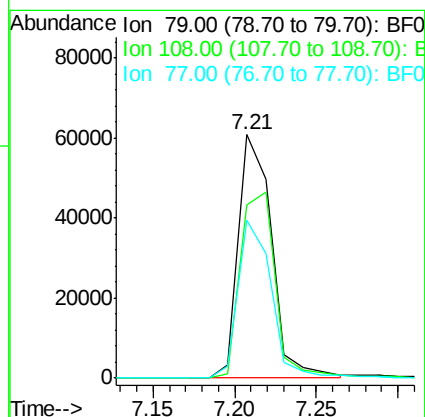
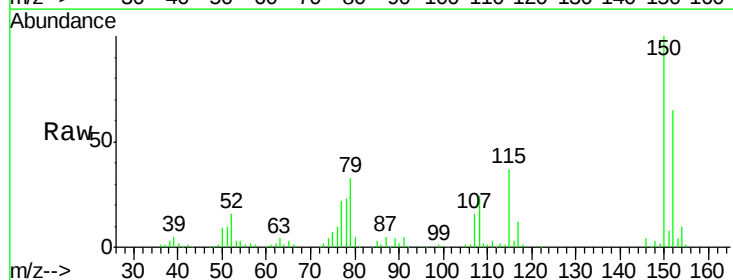
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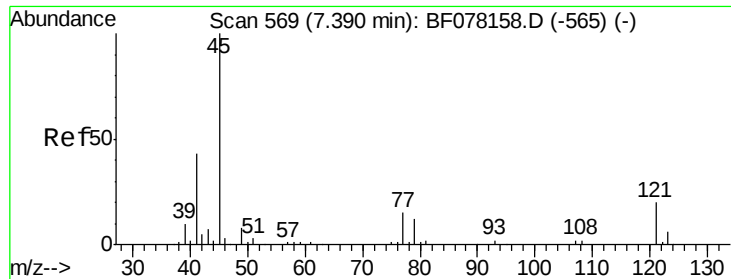
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#15
Benzyl Alcohol
Concen: 40.03 ng
RT: 7.21 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	71.2	57.6	86.4		
77	65.1	53.5	80.3		





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 39.92 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

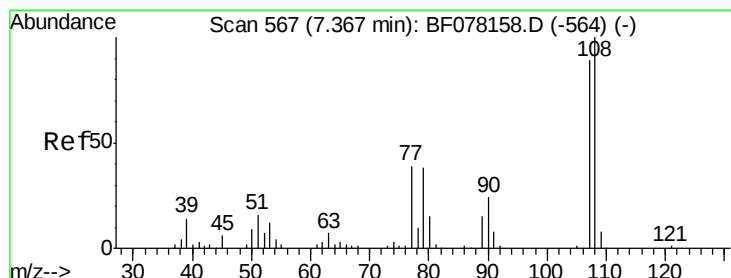
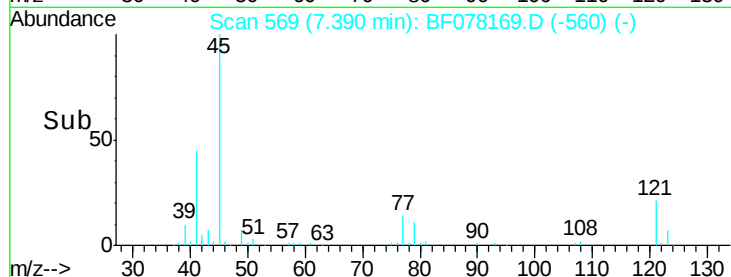
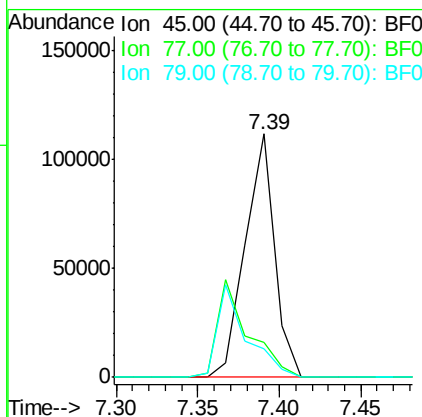
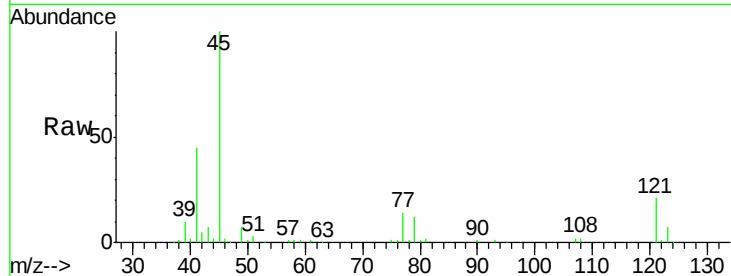
ClientSampleId :

PB82441BS

Tot Ion:	45	Resp:	139517
Ion Ratio		Lower	Upper
45	100		
77	14.5	0.0	34.5
79	11.8	0.0	31.9

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#17

2-Methylphenol

Concen: 40.29 ng

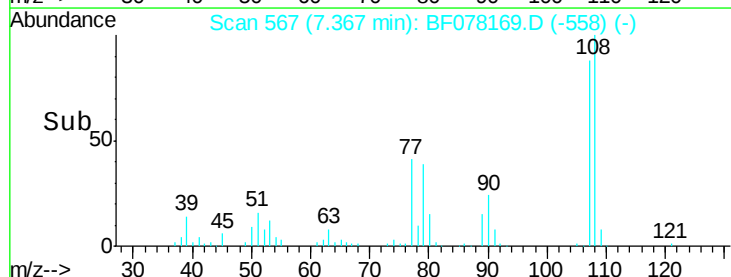
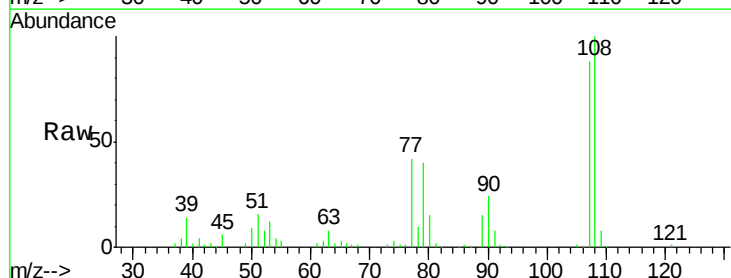
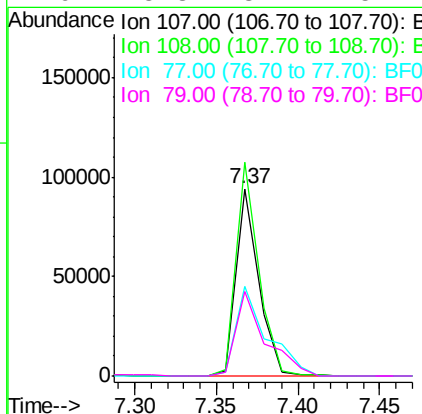
RT: 7.37 min Scan# 567

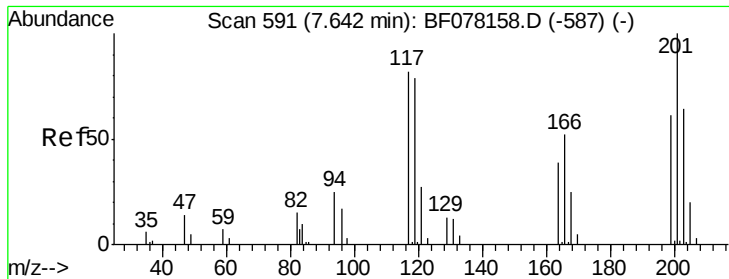
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	107	Resp:	89736
Ion Ratio		Lower	Upper
107	100		
108	114.1	90.3	135.5
77	47.5	35.5	53.3
79	45.3	34.2	51.4





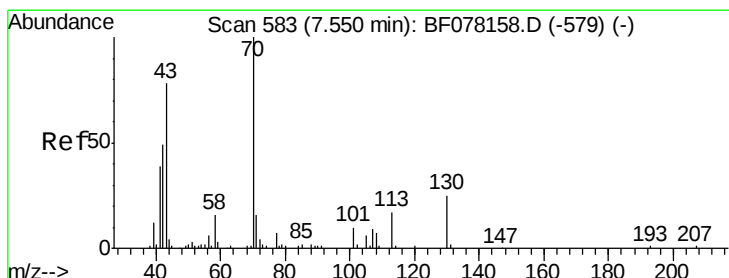
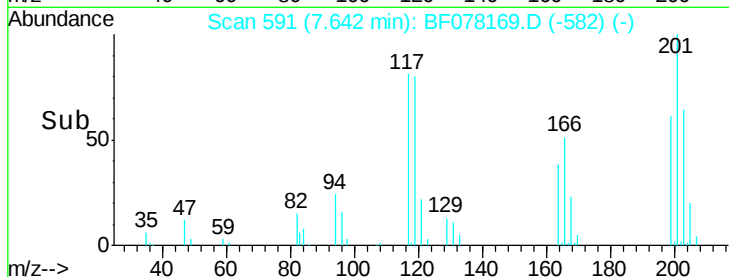
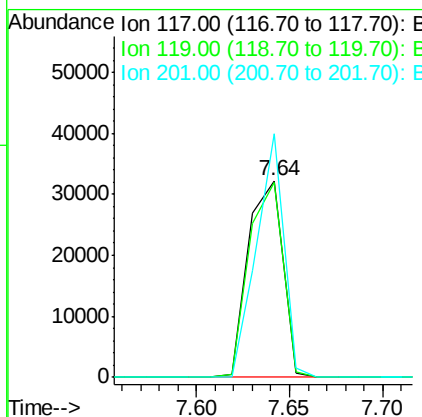
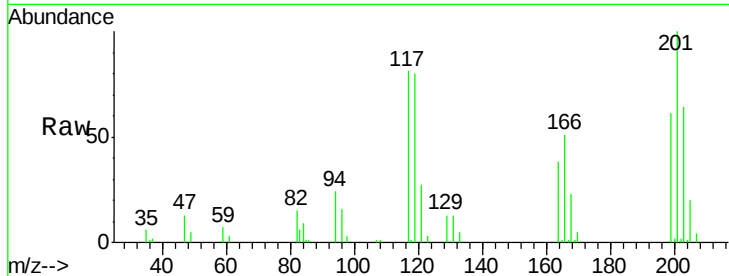
#18
Hexachloroethane
Concen: 38.79 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	41494		
119	99.2	77.0	115.6	
201	123.8	98.1	147.1	

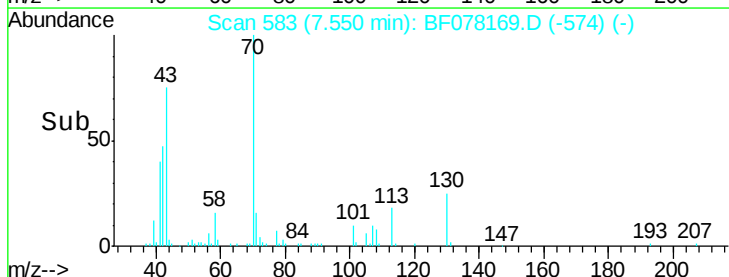
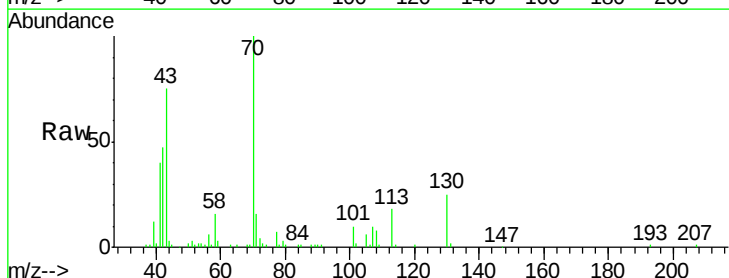
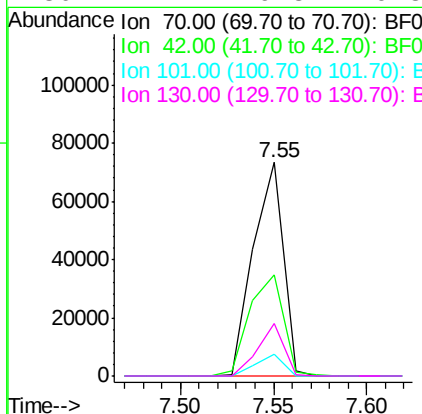
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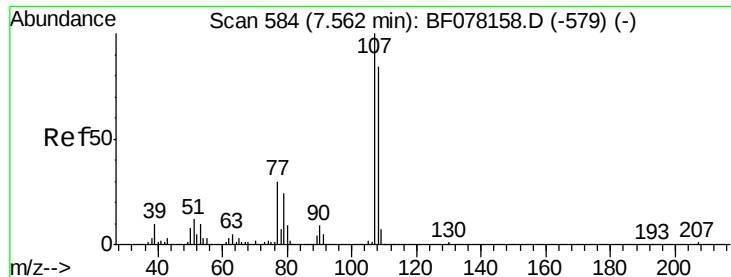
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#19
n-Nitroso-di-n-propylamine
Concen: 40.62 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	81494		
42	47.4	38.9	58.3	
101	10.2	8.3	12.5	
130	24.7	19.8	29.8	





#20

3+4-Methylphenols

Concen: 41.11 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

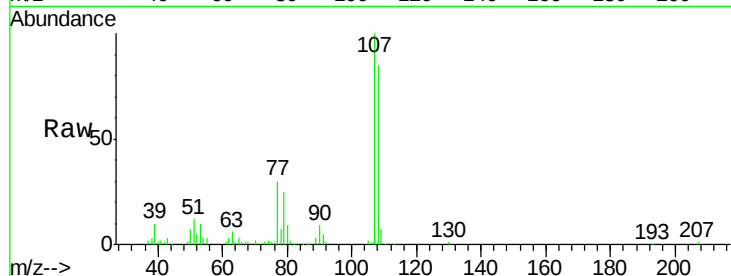
ClientSampleId :

PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	122152		
108	84.8	64.4	104.4	
77	29.6	9.7	49.7	
79	25.0	4.0	44.0	

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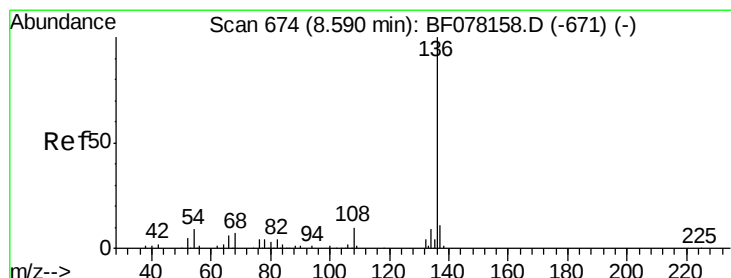
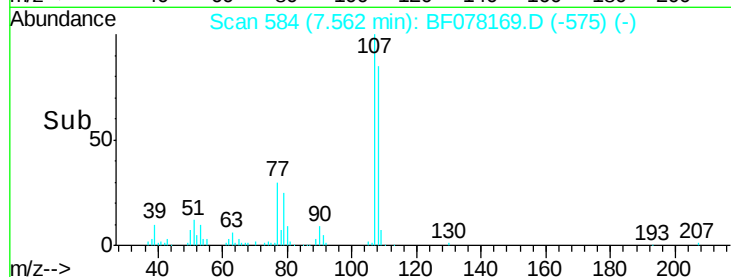
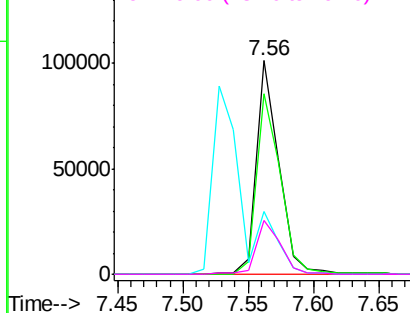
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	170207		
137	11.1	9.0	13.4	
54	8.5	7.0	10.6	
68	6.6	5.4	8.2	

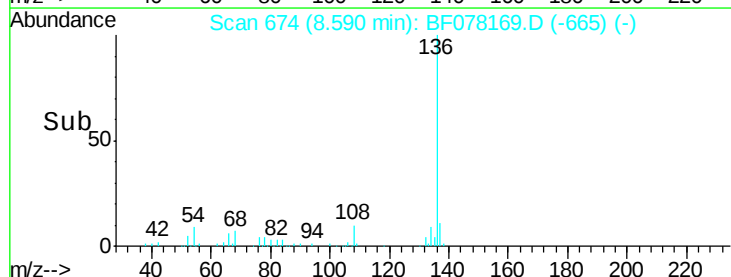
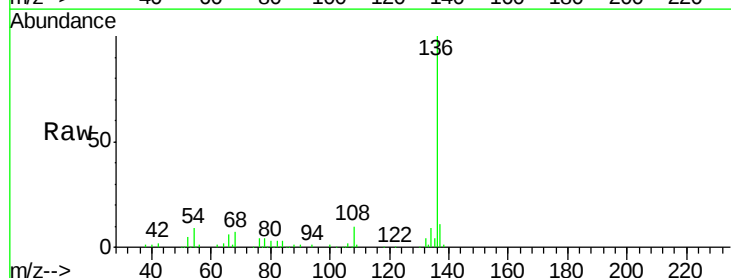
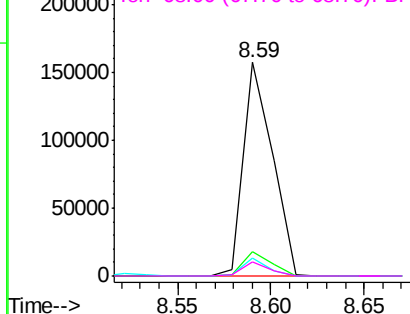
Abundance

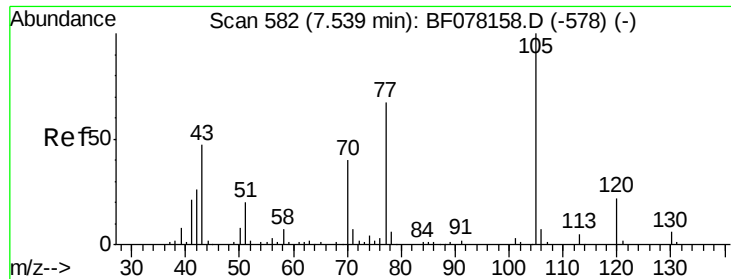
Ion 136.00 (135.70 to 136.70): E

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: 38.76 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

ClientSampleId :

PB82441BS

Tot Ion:105 Resp: 153700

Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

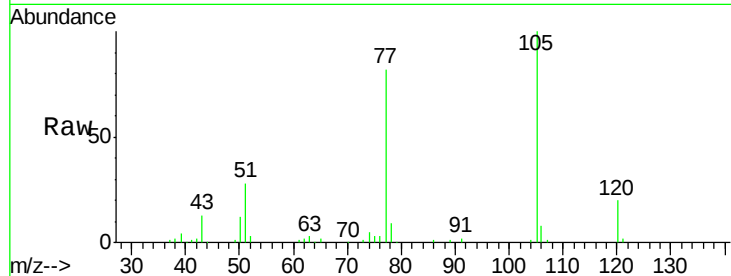
51 28.3 16.0 24.0#

120 19.8 17.8 26.6

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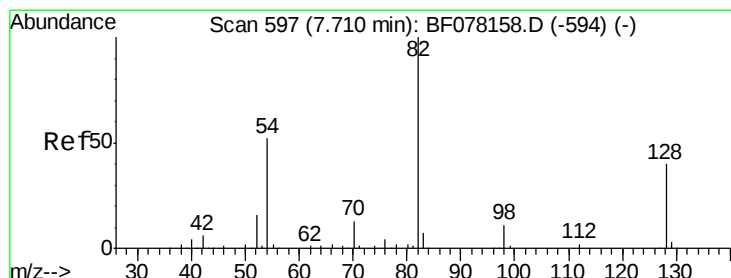
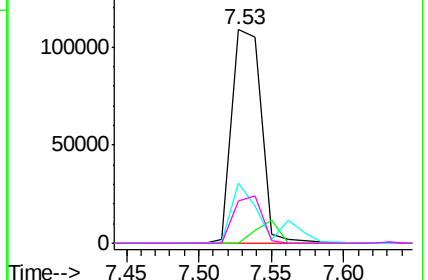
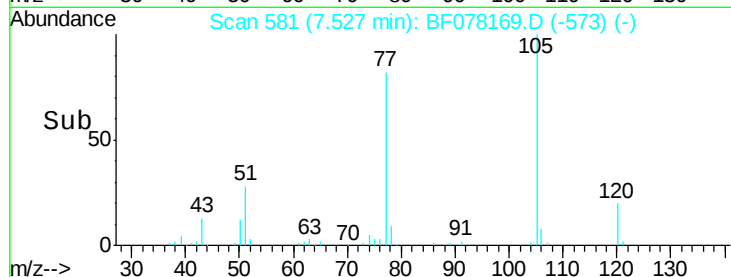


Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.55 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

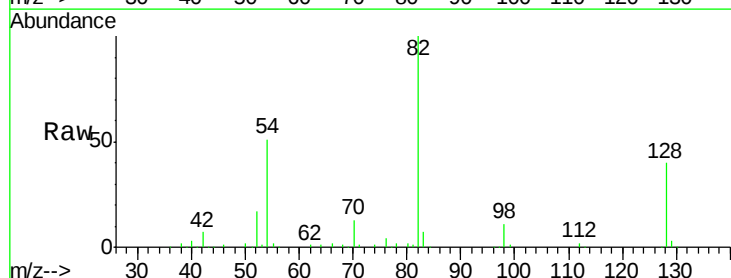
Tgt Ion: 82 Resp: 206525

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.8

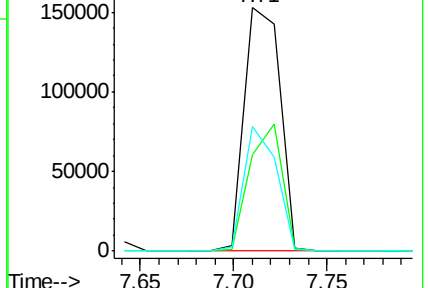
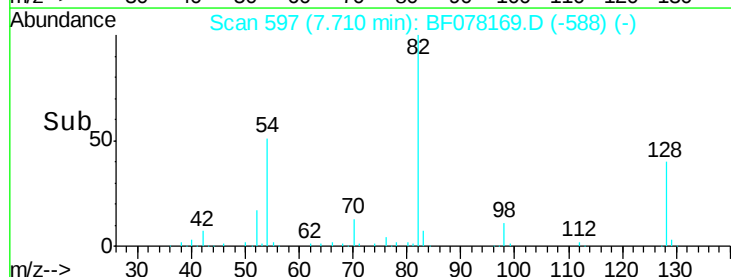
54 51.2 41.5 62.3

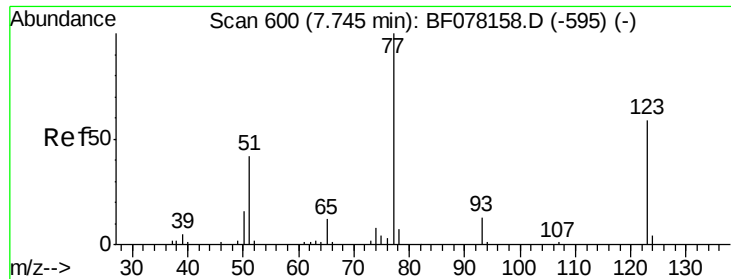


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.41 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

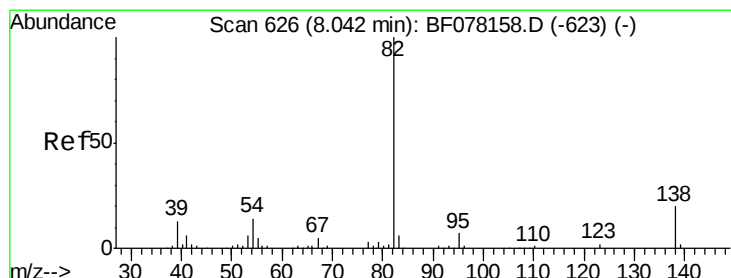
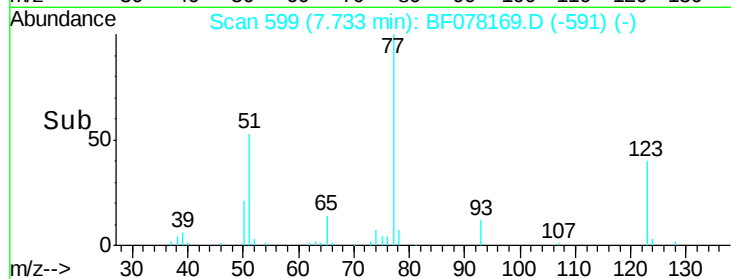
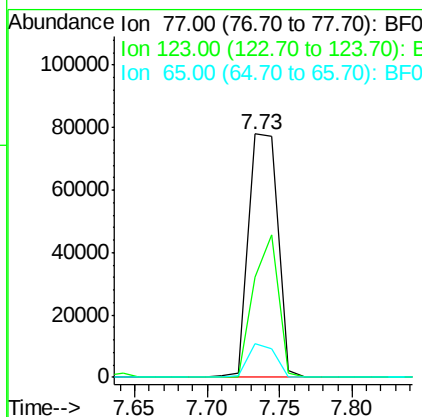
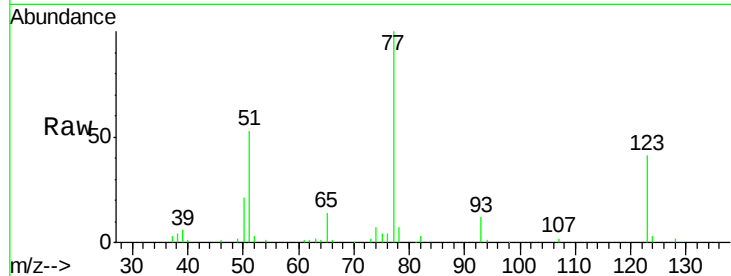
ClientSampleId :

PB82441BS

Tot Ion:	77	Resp:	109815
Ion Ratio	Lower	Upper	
77	100		
123	41.3	46.9	70.3#
65	13.8	9.5	14.3

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#25

Isophorone

Concen: 39.21 ng

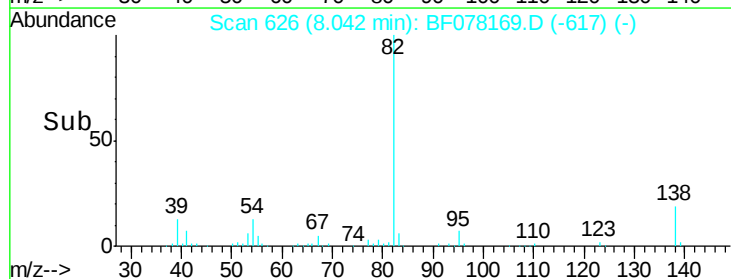
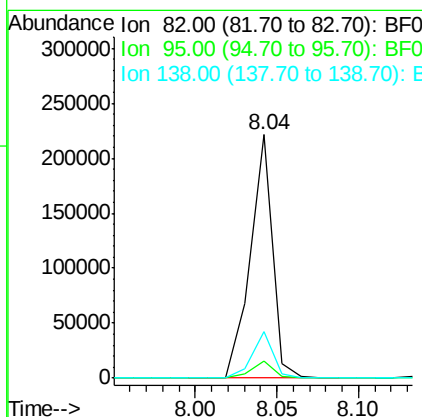
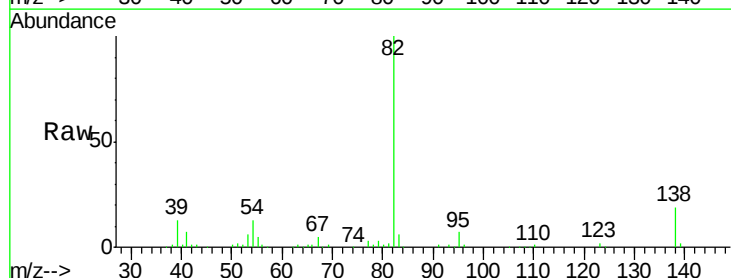
RT: 8.04 min Scan# 626

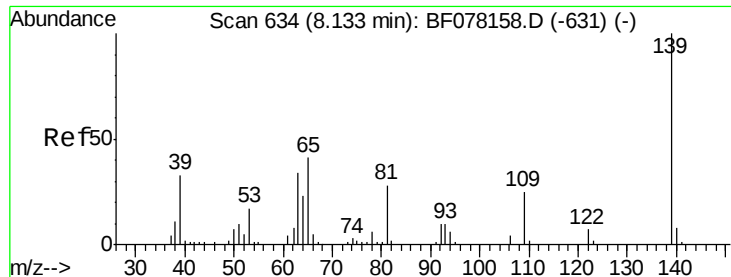
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	82	Resp:	208979
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	19.0	15.8	23.8





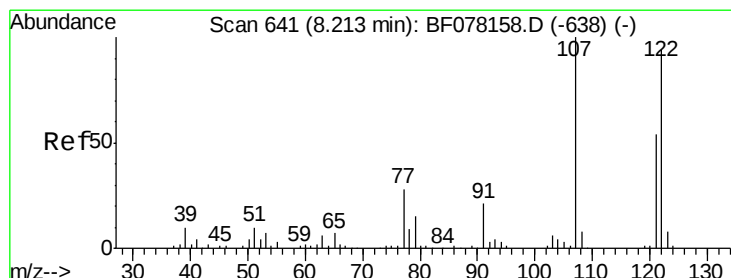
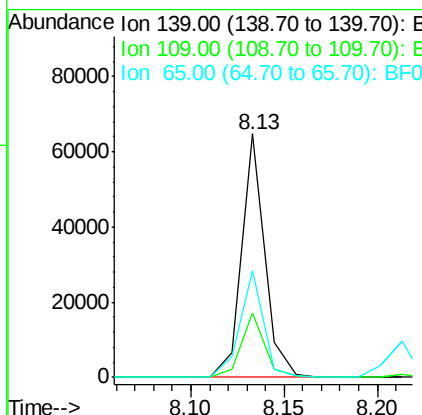
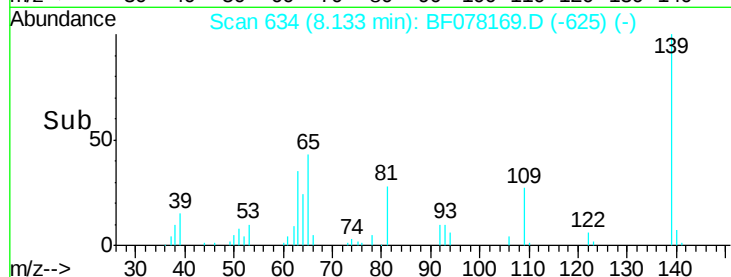
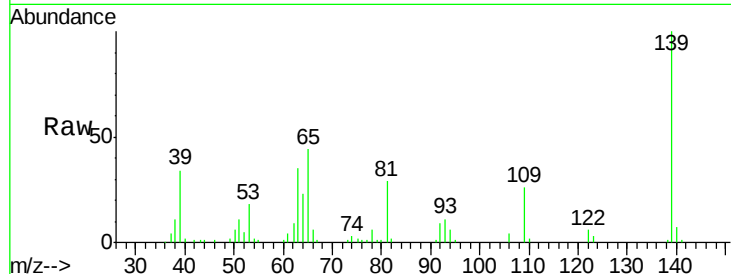
#26
2-Nitrophenol
Concen: 40.06 ng
RT: 8.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	26.5	19.8	29.8
65	43.8	32.7	49.1

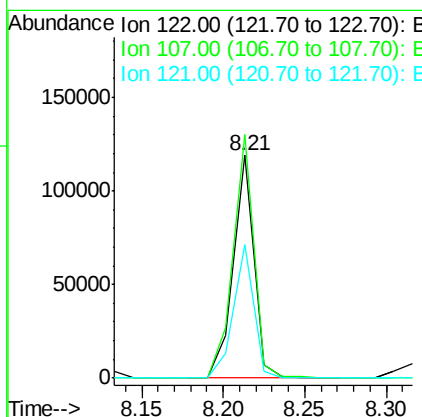
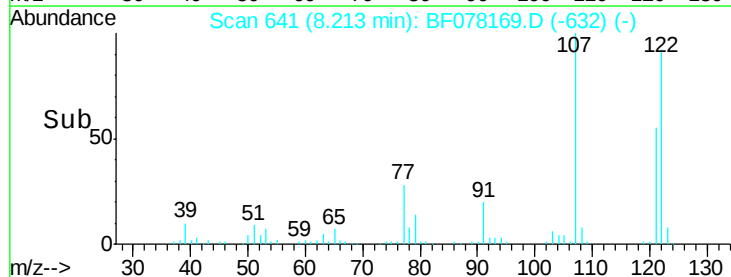
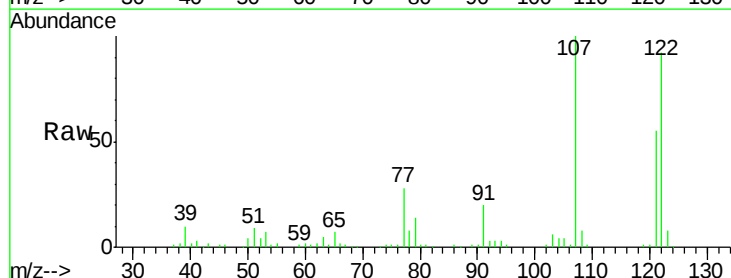
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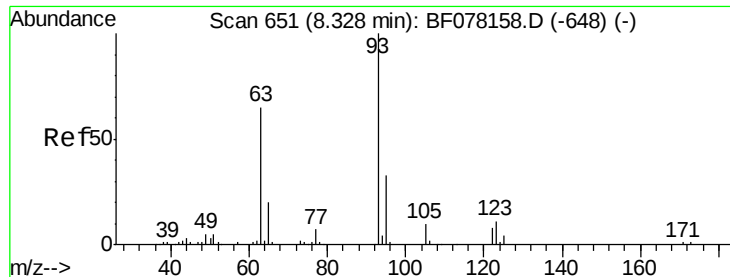
apatel
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#27
2,4-Dimethylphenol
Concen: 39.72 ng
RT: 8.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.2	84.6	127.0
121	59.8	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 39.20 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

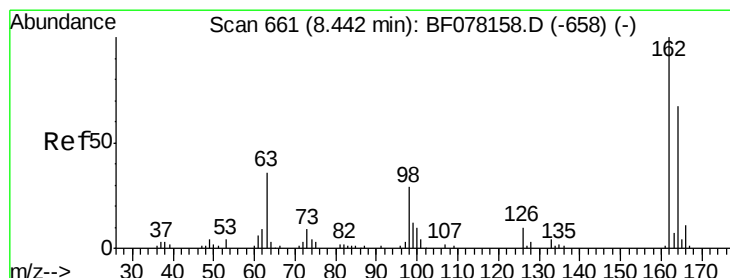
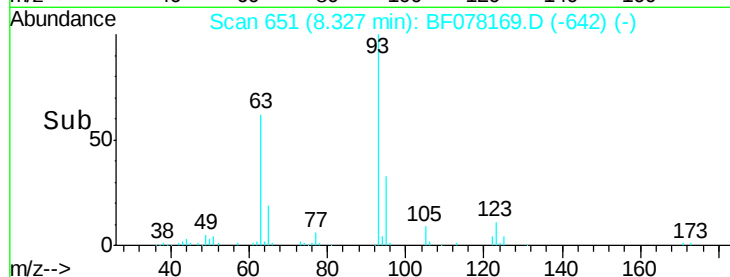
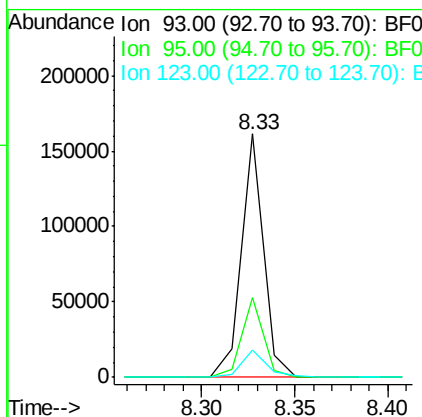
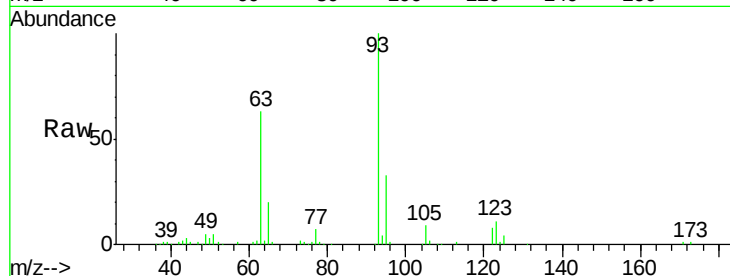
ClientSampleId :

PB82441BS

Tot Ion:	93	Resp:	133978
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.4	9.1	13.7

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#29

2,4-Dichlorophenol

Concen: 39.91 ng

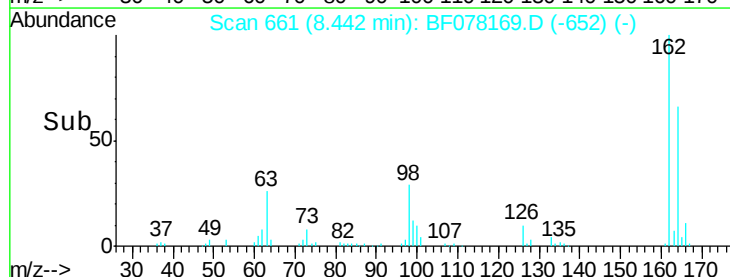
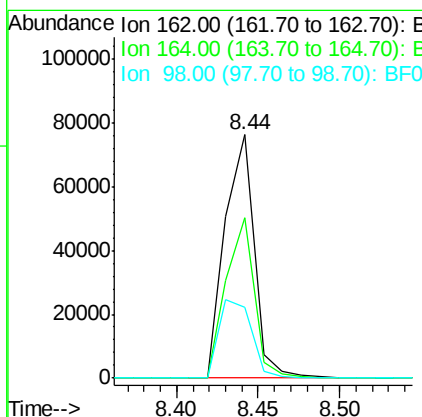
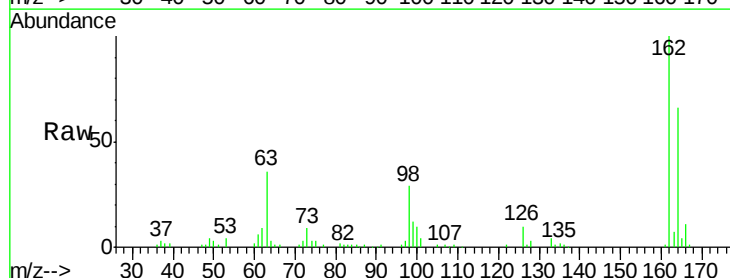
RT: 8.44 min Scan# 661

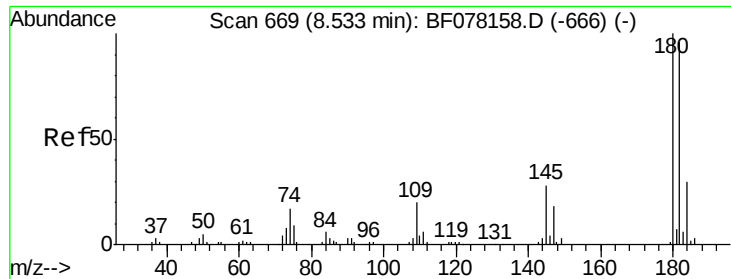
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	162	Resp:	94450
Ion Ratio	Lower	Upper	
162	100		
164	66.0	47.0	87.0
98	29.0	9.2	49.2





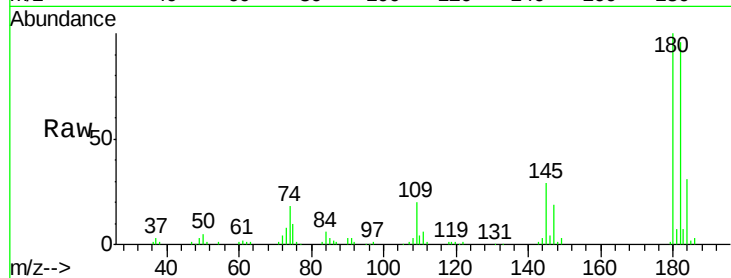
#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

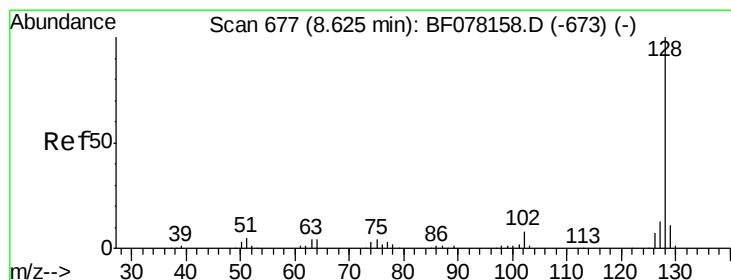
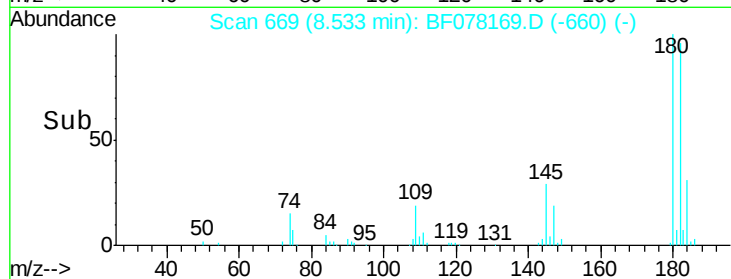
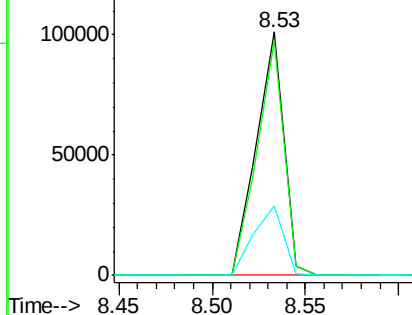
Tot Ion	Ratio	Resp	Lower	Upper
180	100	103008		
182	96.1	76.9	115.3	
145	28.8	22.5	33.7	

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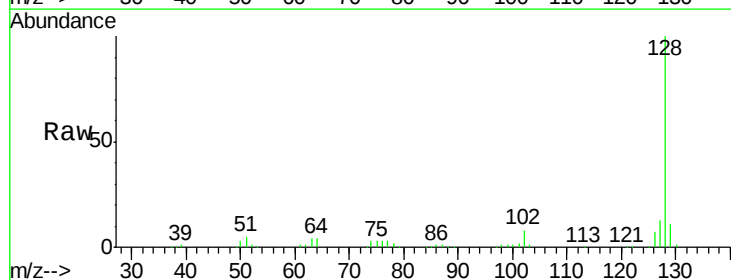


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

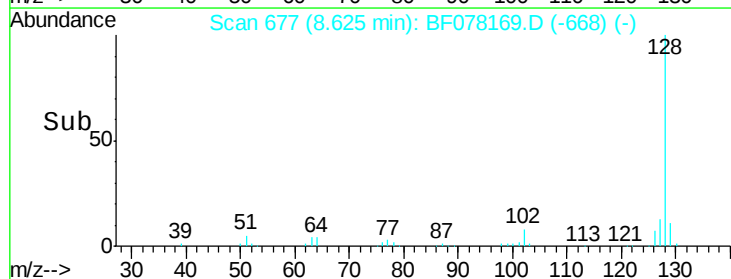
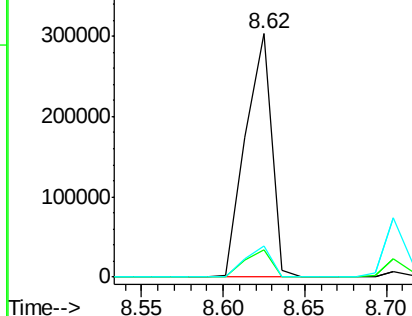


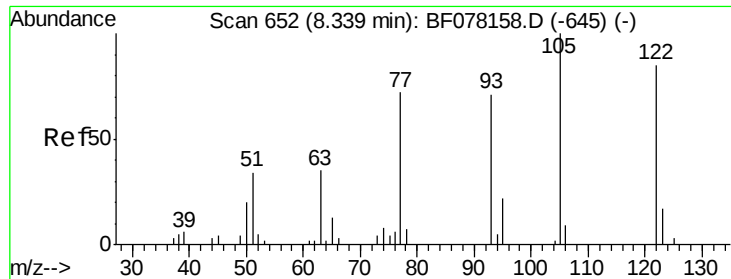
#31
 Naphthalene
 Concen: 37.82 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	335042		
129	11.0	8.6	12.8	
127	12.9	10.7	16.1	



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





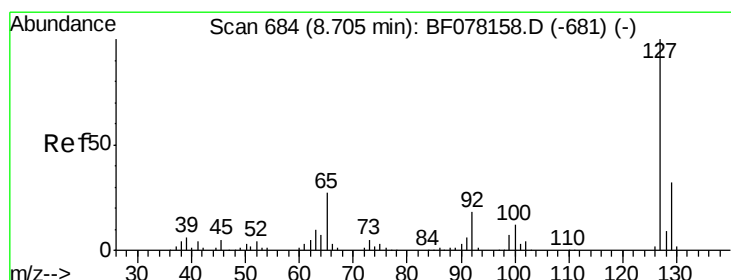
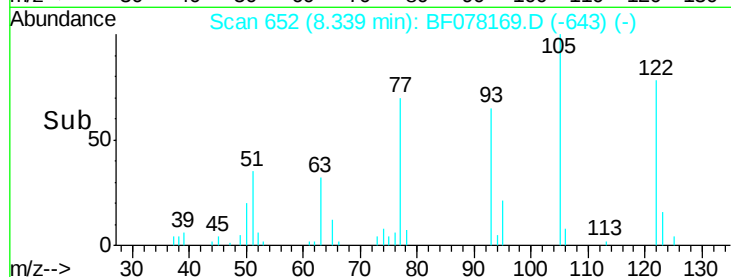
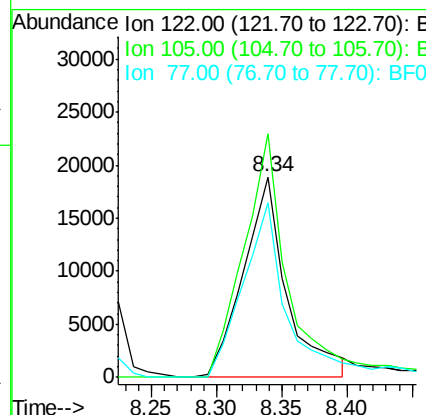
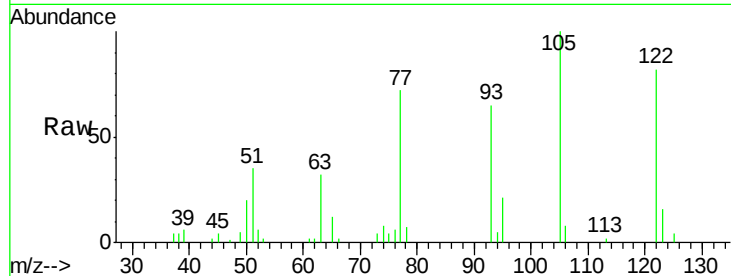
#32
Benzoic acid
Concen: 37.32 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	121.4	96.1	136.1
77	86.8	64.1	104.1

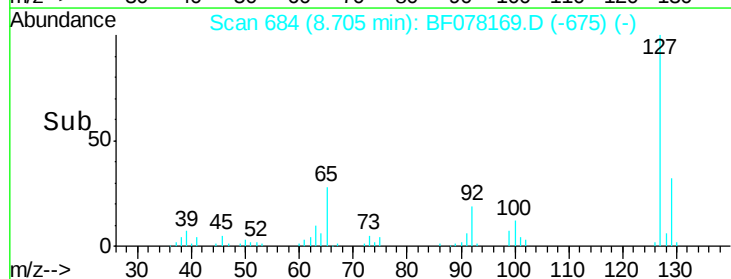
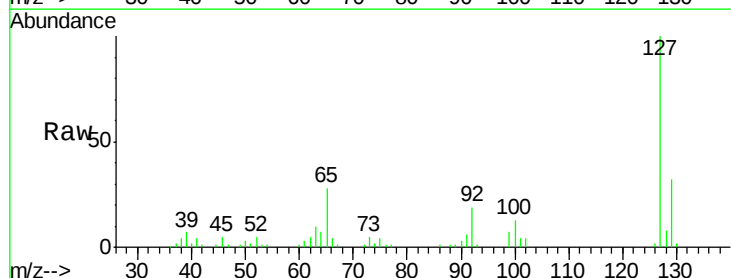
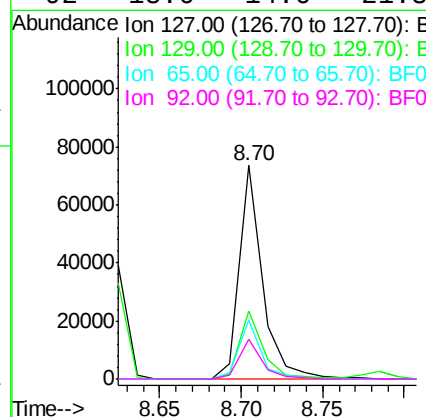
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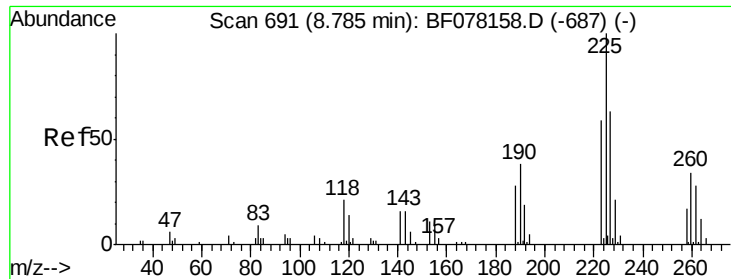
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#33
4-Chloroaniline
Concen: 19.59 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	27.5	21.7	32.5
92	18.6	14.6	21.8





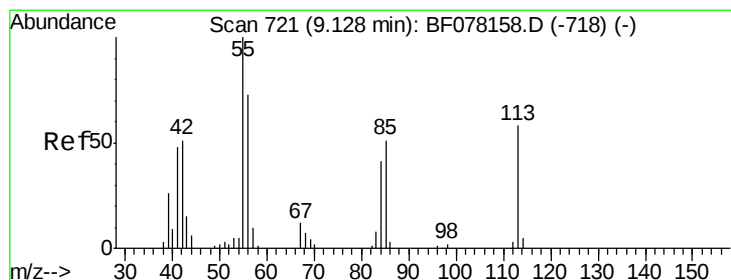
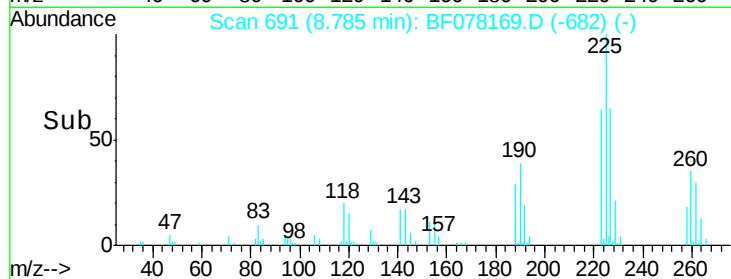
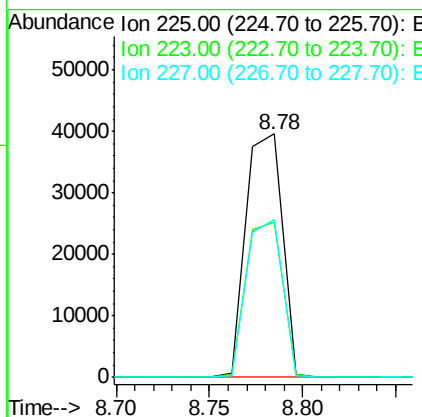
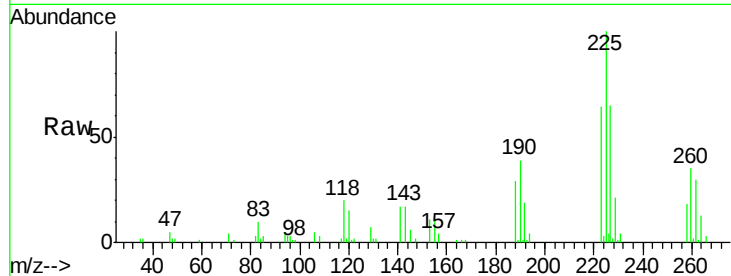
#34
Hexachlorobutadiene
Concen: 36.08 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.7	47.5	71.3
227	65.0	50.2	75.2

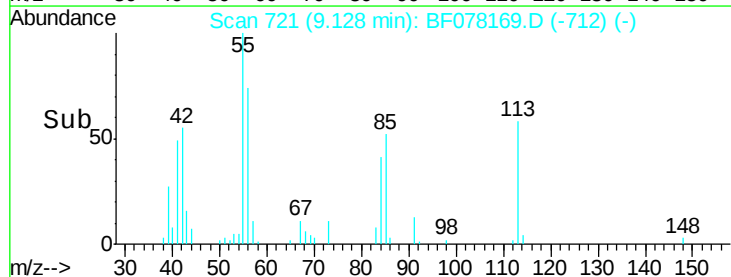
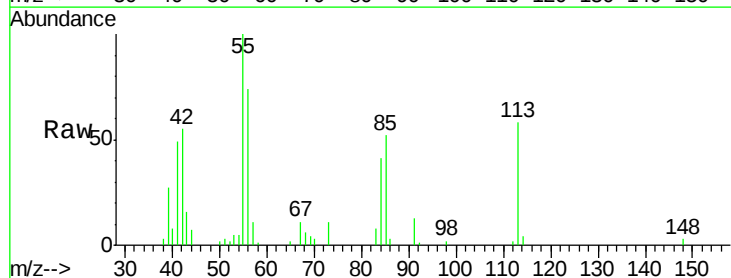
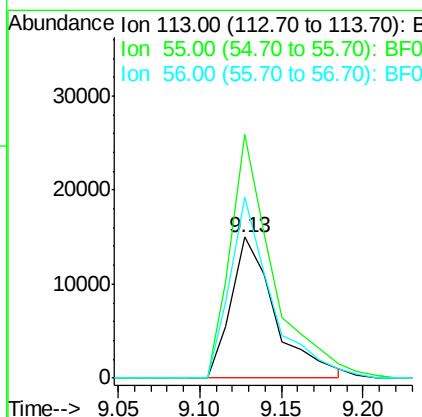
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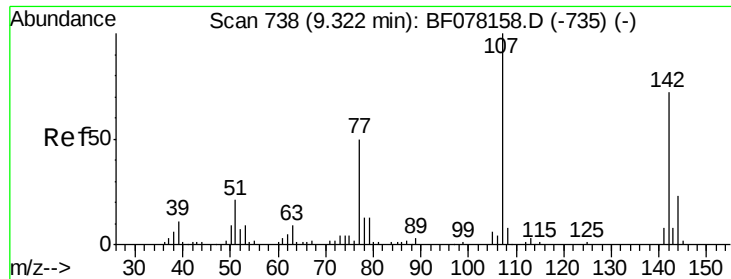
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#35
Caprolactam
Concen: 39.95 ng
RT: 9.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
113	100		
55	172.5	151.9	191.9
56	127.9	106.1	146.1





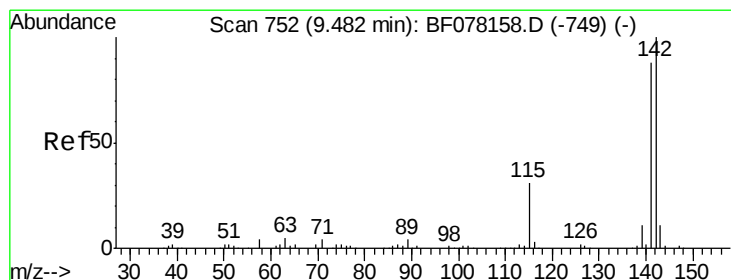
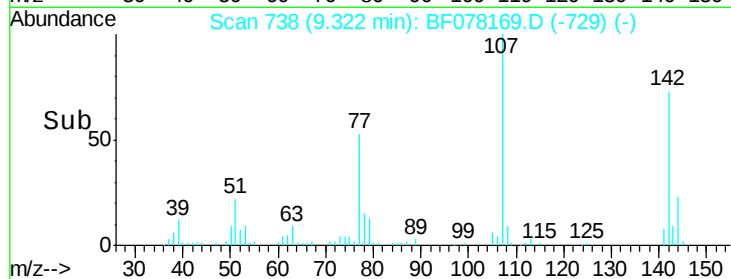
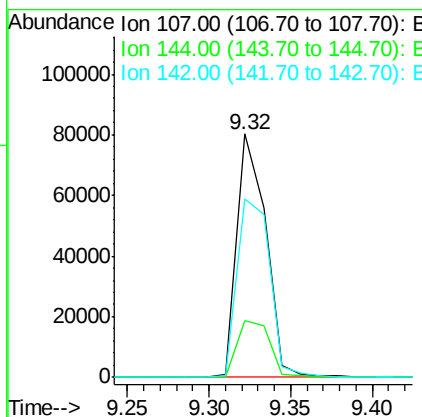
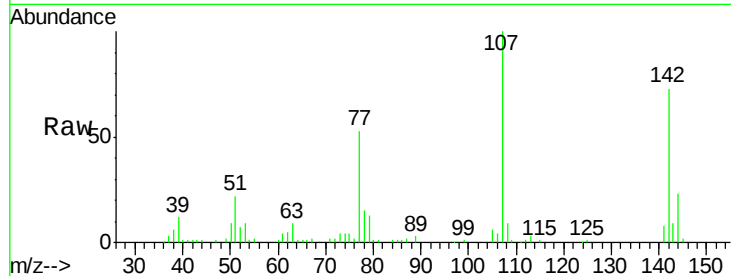
#36
 4-Chloro-3-methylphenol
 Concen: 41.02 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	97944		
144	23.2	18.2	27.2	
142	73.1	58.0	87.0	

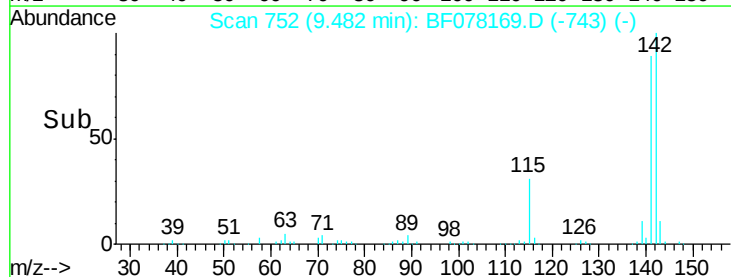
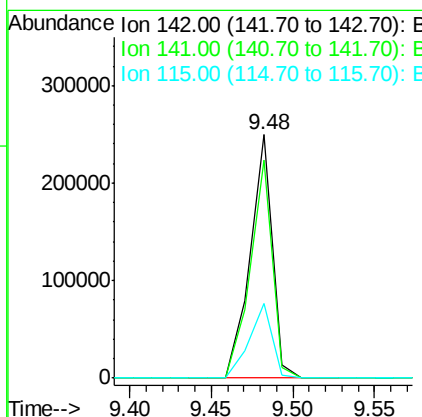
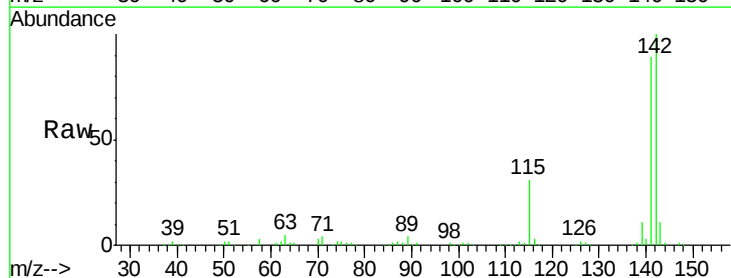
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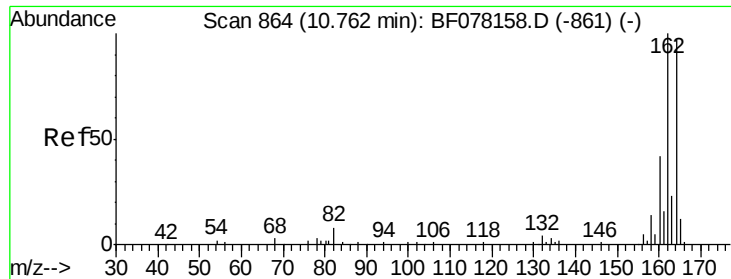
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#37
 2-Methylnaphthalene
 Concen: 39.14 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	235425		
141	89.4	70.3	105.5	
115	30.7	24.6	37.0	





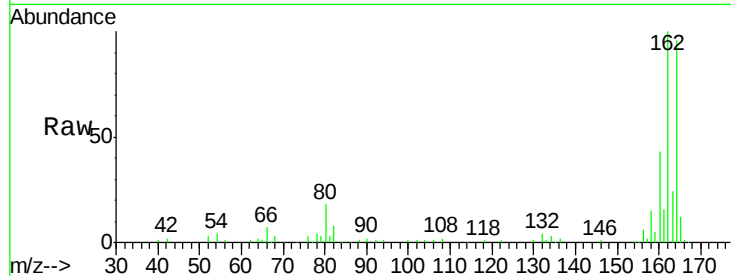
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

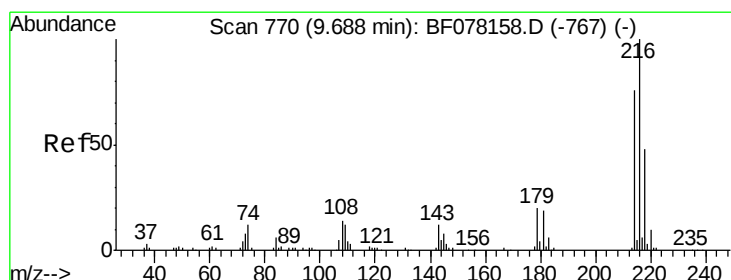
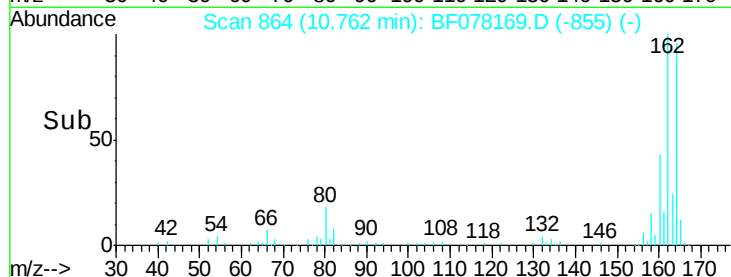
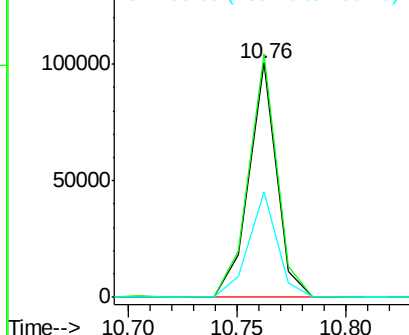
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	45.2	34.7	52.1

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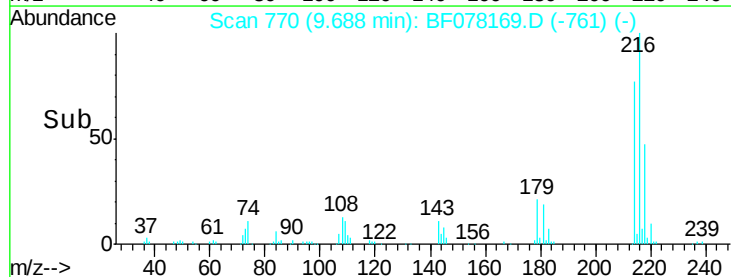
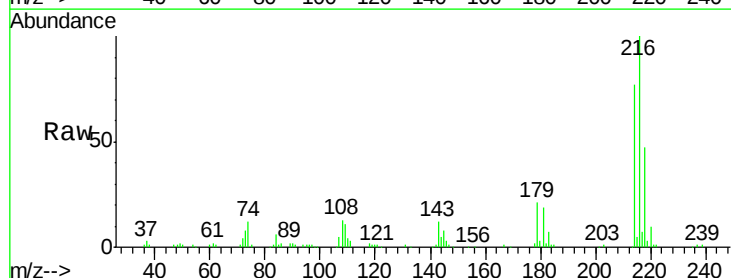
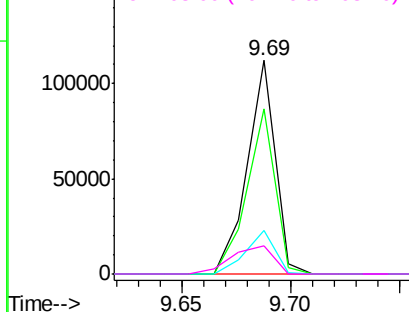
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

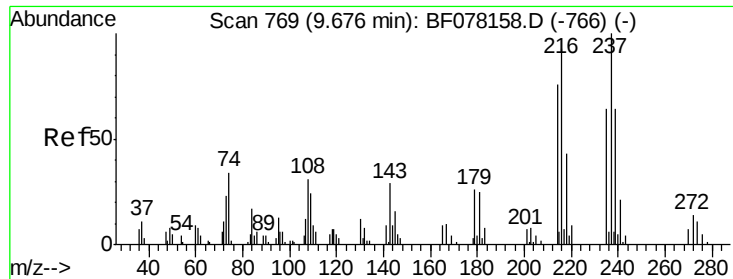


#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.17 ng
RT: 9.69 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.0	93.0
179	21.6	17.3	25.9
108	20.2	14.6	21.8

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





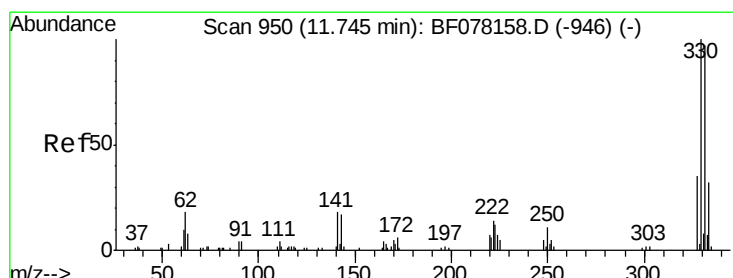
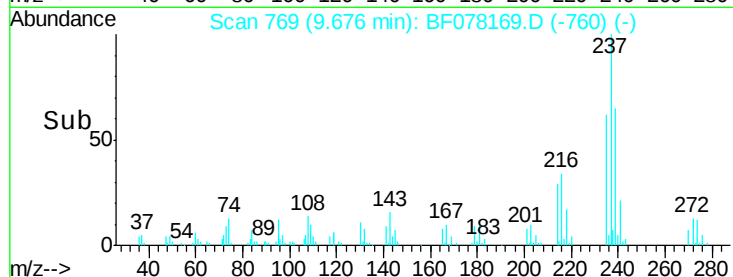
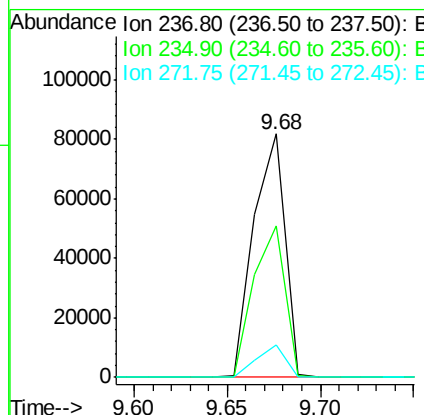
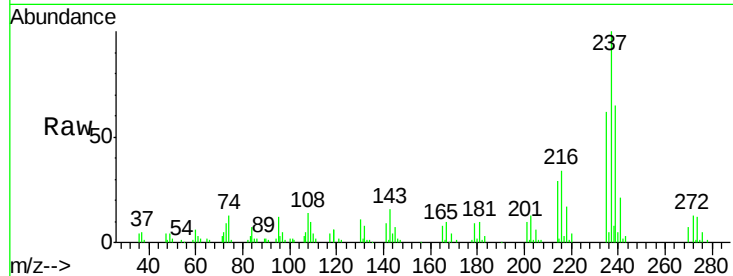
#40
Hexachlorocyclopentadiene
Concen: 79.70 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.0	44.1	84.1	
272	13.2	0.0	34.4	

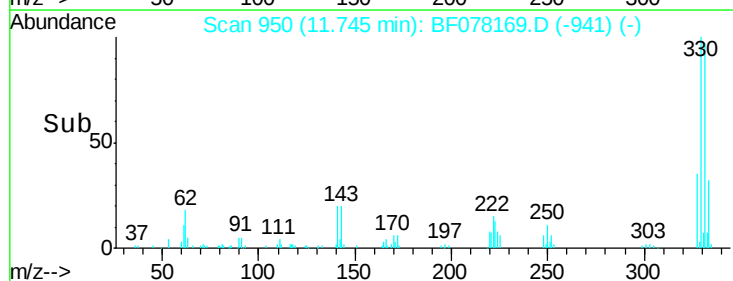
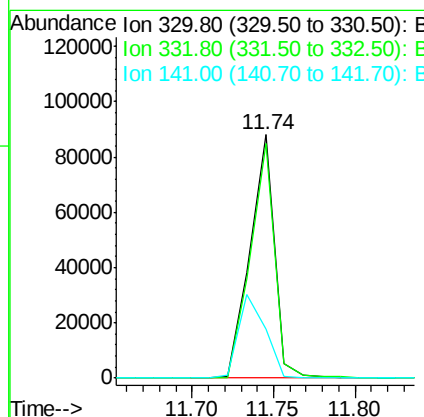
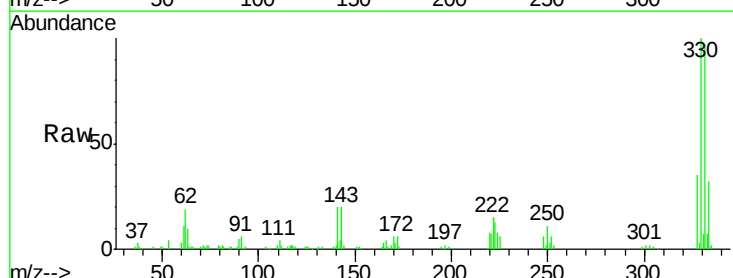
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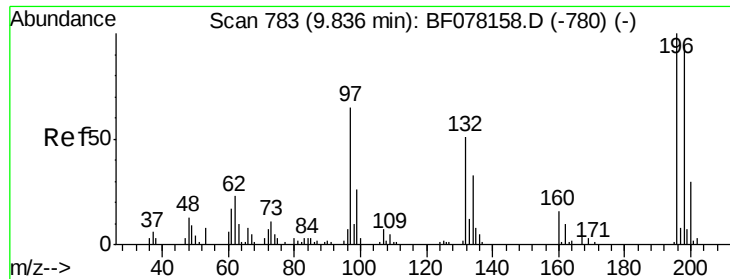
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#41
2,4,6-Tribromophenol
Concen: 123.66 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.6	117.8	
141	37.7	31.2	46.8	





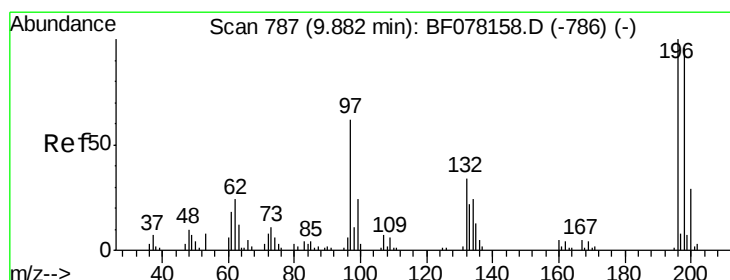
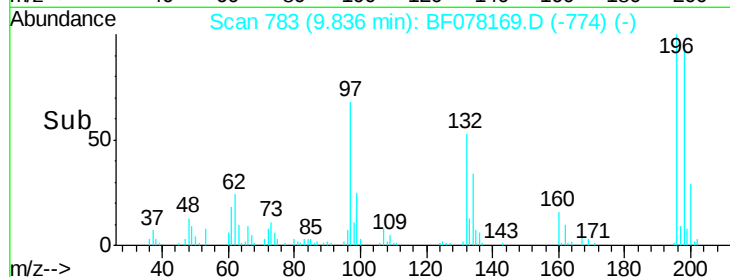
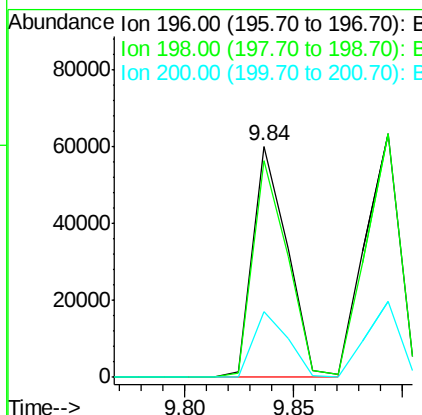
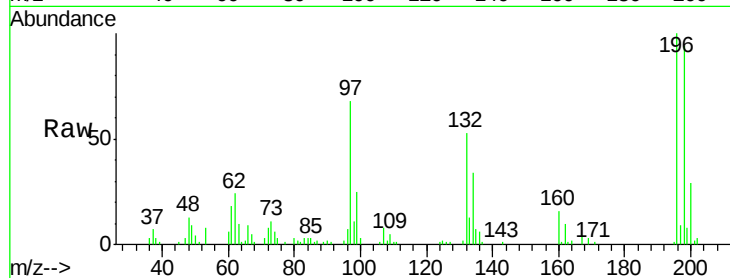
#42
2,4,6-Trichlorophenol
Concen: 38.27 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	66629		
198	94.0		75.4	113.2
200	28.7		24.0	36.0

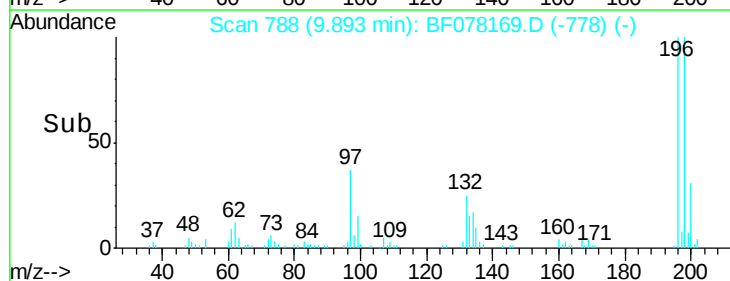
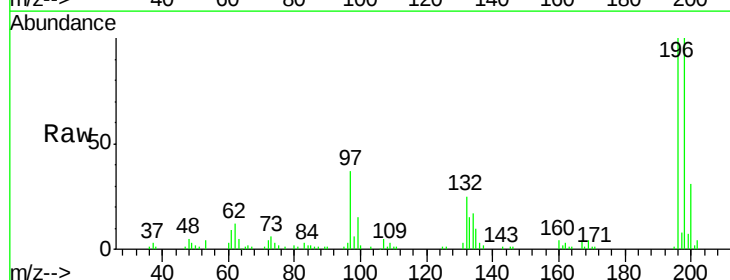
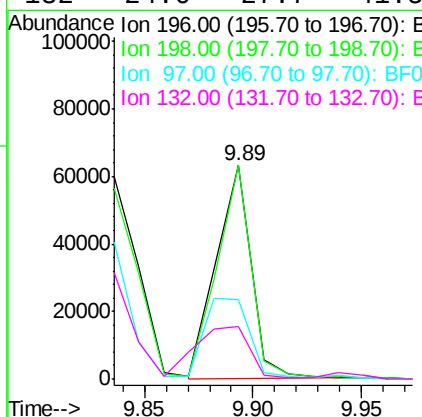
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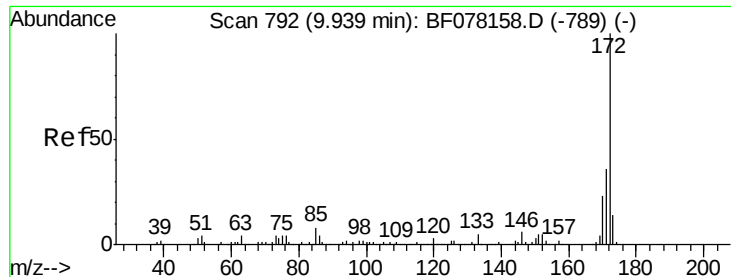
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#43
2,4,5-Trichlorophenol
Concen: 38.54 ng
RT: 9.89 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70106		
198	99.9		76.6	115.0
97	37.1		50.6	75.8#
132	24.6		27.7	41.5#





#44

2-Fluorobiphenyl

Concen: 75.11 ng

RT: 9.94 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

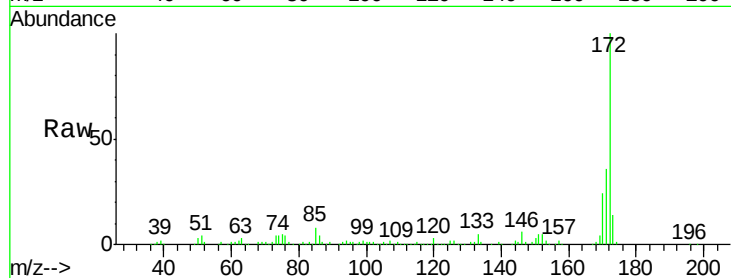
ClientSampleId :

PB82441BS

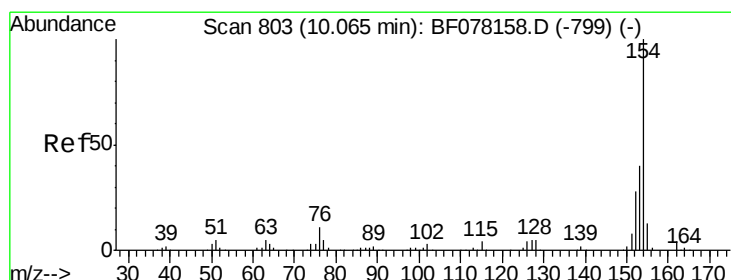
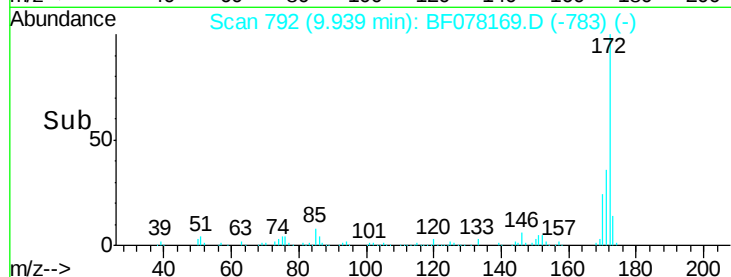
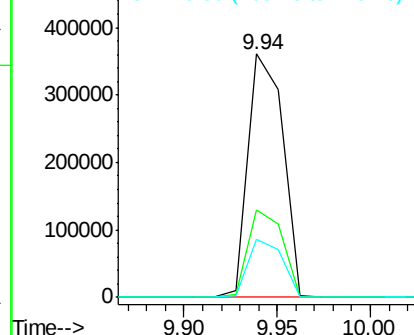
Tot Ion:	172	Resp:	468187
Ion Ratio		Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.6	18.5	27.7

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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: 38.37 ng

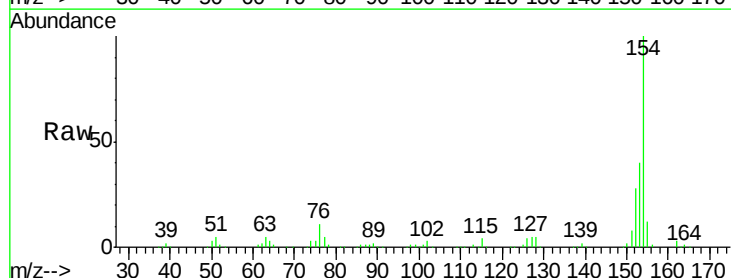
RT: 10.06 min Scan# 803

Delta R.T. -0.00 min

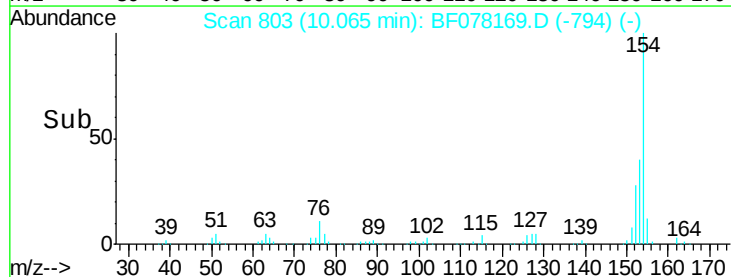
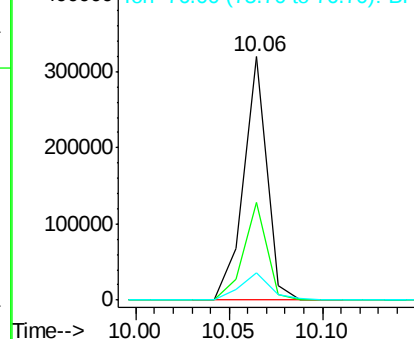
Lab File: BF078169.D

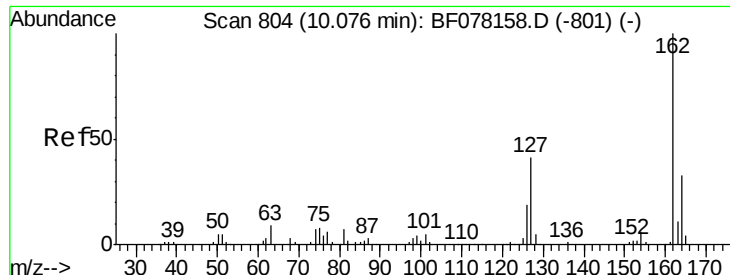
Acq: 1 Apr 2015 23:24

Tgt Ion:	154	Resp:	279601
Ion Ratio		Lower	Upper
154	100		
153	40.1	20.0	60.0
76	11.0	0.0	30.6



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





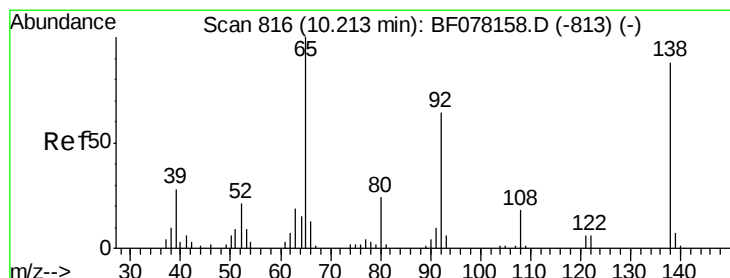
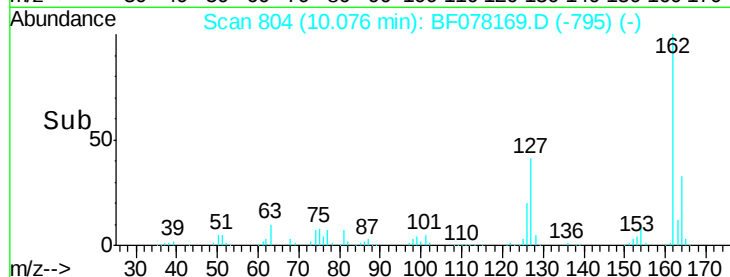
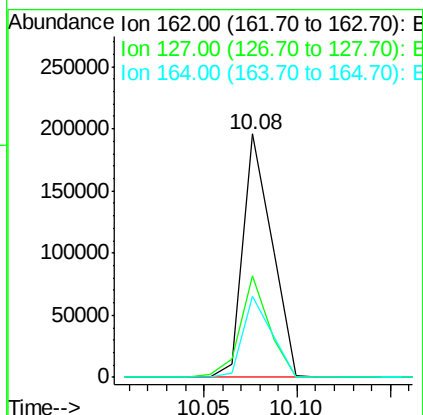
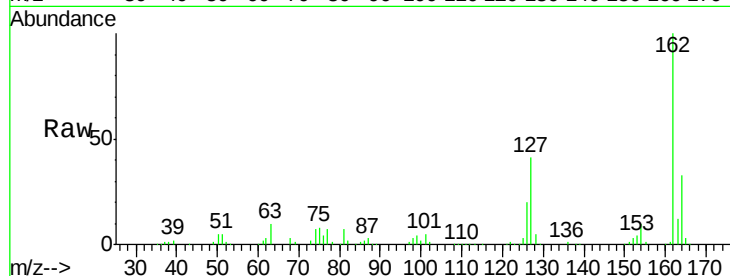
#46
2-Chloronaphthalene
Concen: 36.87 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	211400		
127	41.5	32.6	49.0	
164	33.3	26.0	39.0	

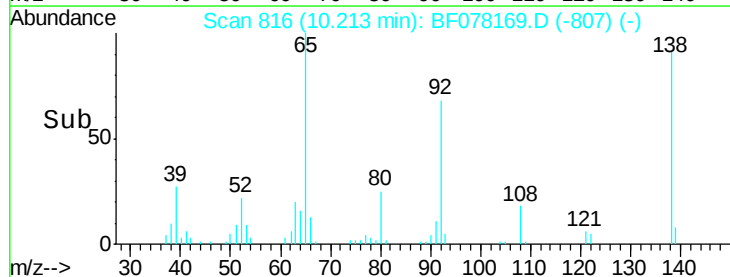
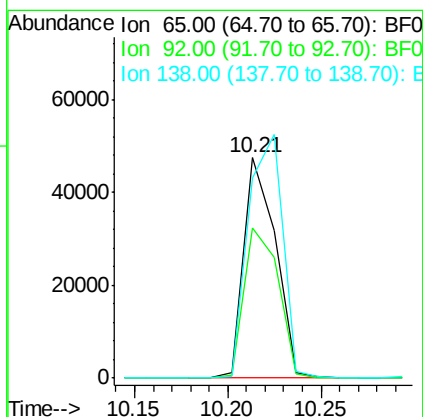
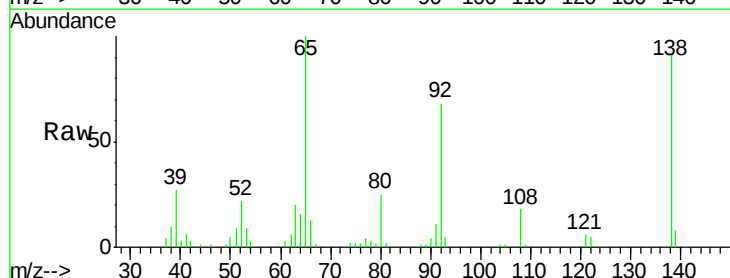
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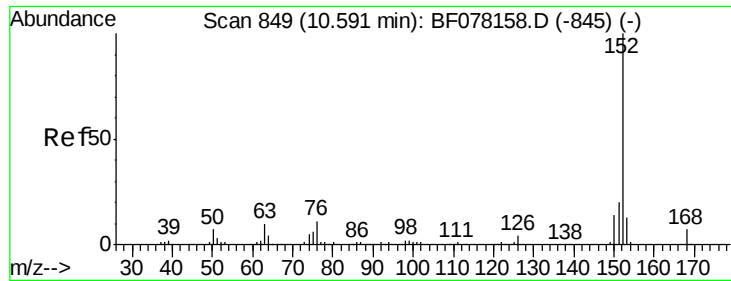
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#47
2-Nitroaniline
Concen: 39.58 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	56146		
92	68.3	51.3	76.9	
138	91.0	70.4	105.6	





#48

Acenaphthylene

Concen: 37.53 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

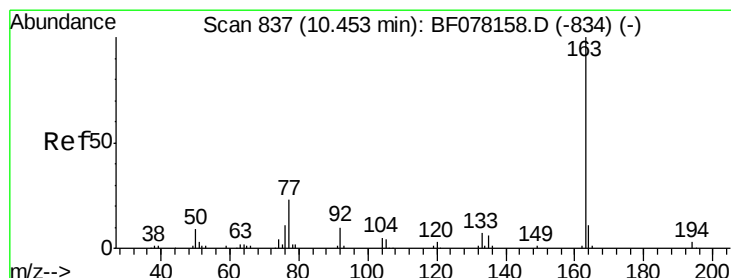
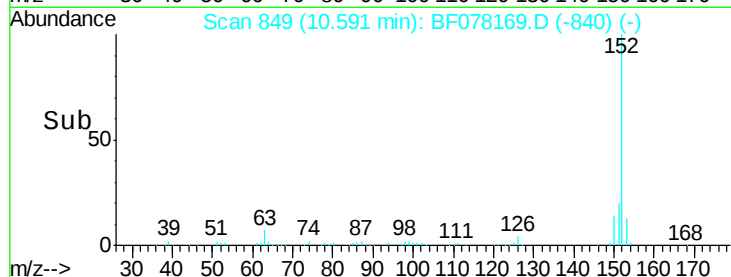
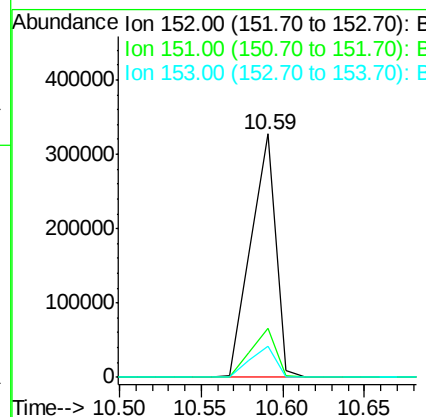
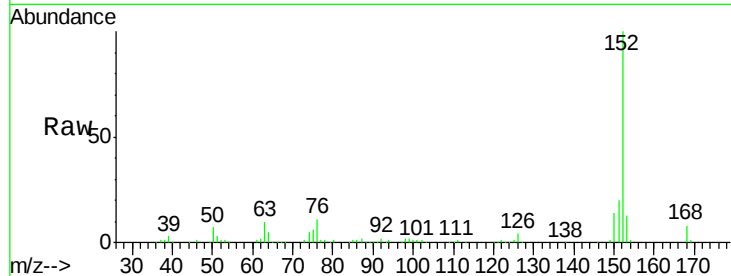
ClientSampleId :

PB82441BS

Tot Ion:	152	Resp:	347468
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	12.9	10.2	15.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 37.93 ng

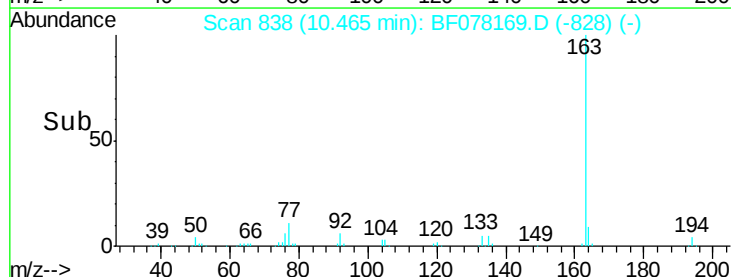
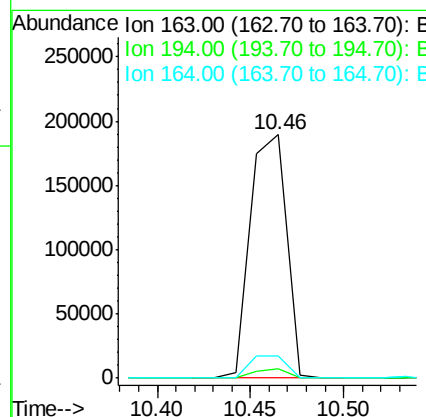
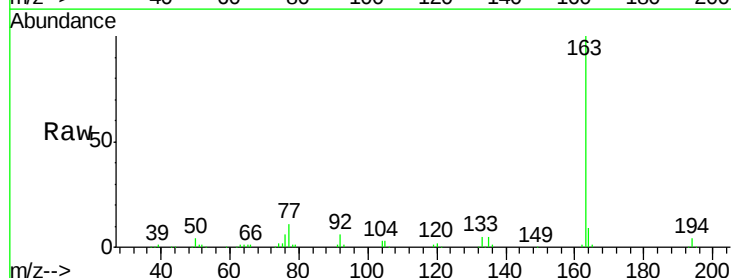
RT: 10.46 min Scan# 838

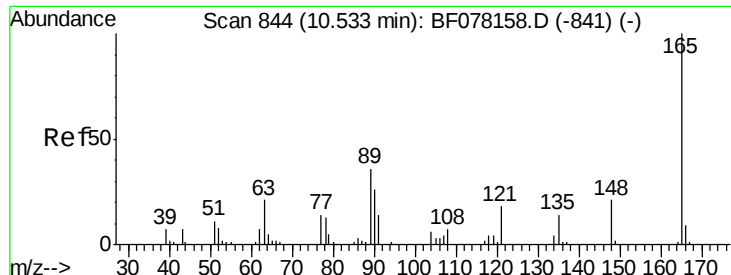
Delta R.T. 0.01 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	163	Resp:	253886
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.3	3.5#
164	9.2	8.6	13.0





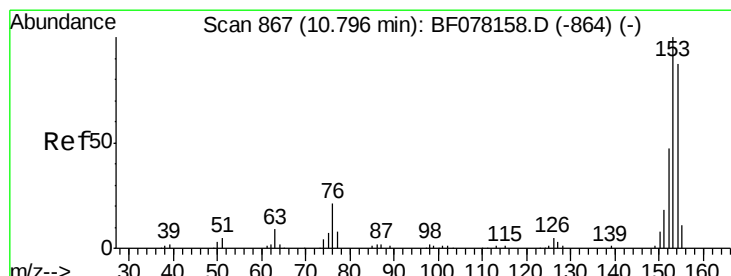
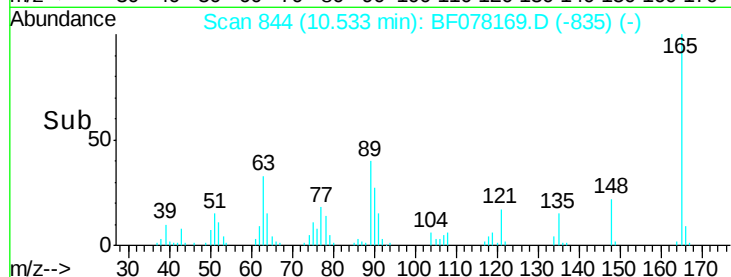
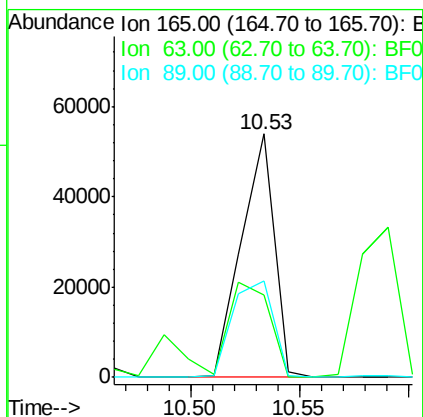
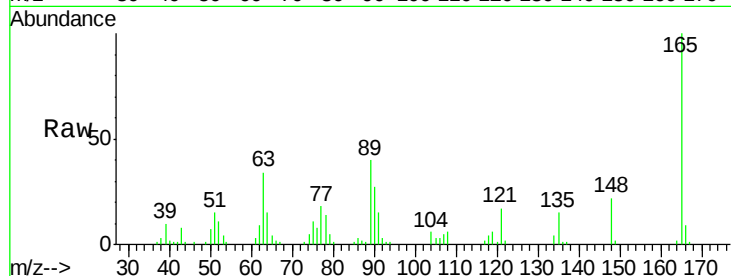
#50
2,6-Dinitrotoluene
Concen: 41.13 ng
RT: 10.53 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	56646		
63	33.6	24.1	36.1	
89	39.8	28.9	43.3	

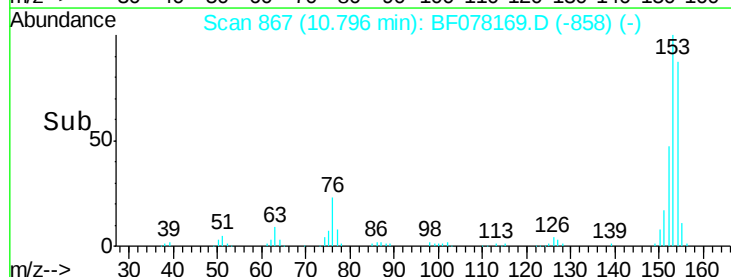
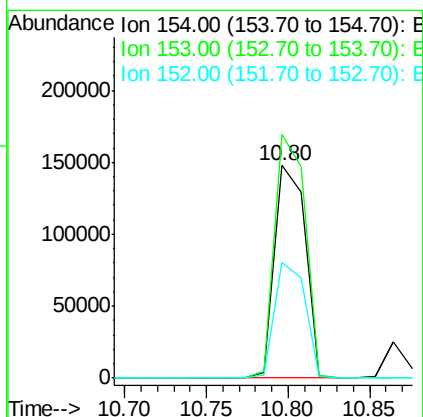
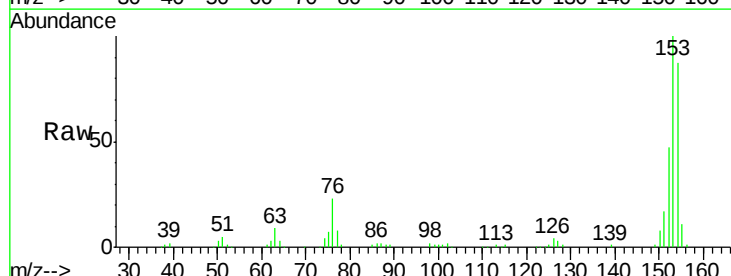
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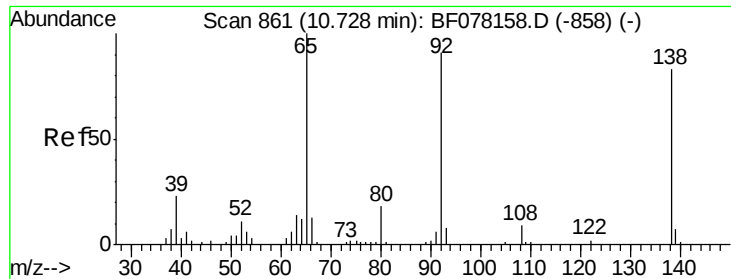
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#51
Acenaphthene
Concen: 37.27 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	194272		
153	114.6	91.4	137.2	
152	54.2	43.0	64.6	





#52

3-Nitroaniline

Concen: 25.23 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

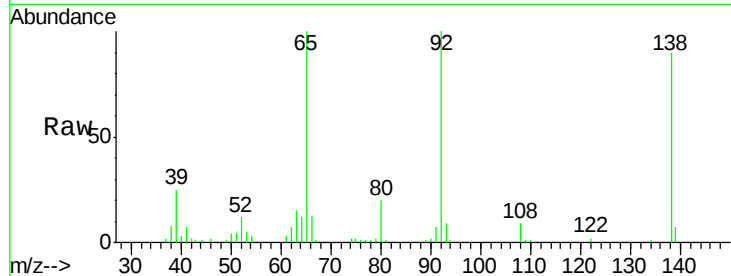
ClientSampleId :

PB82441BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	110.6	88.4	132.6

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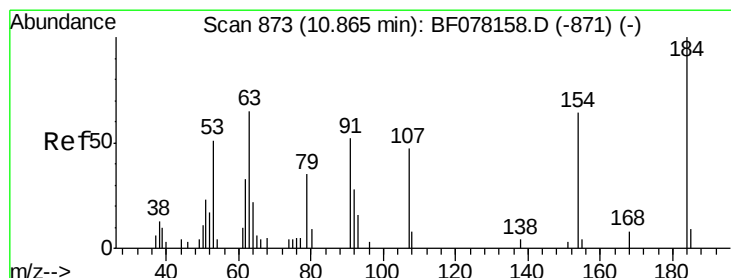
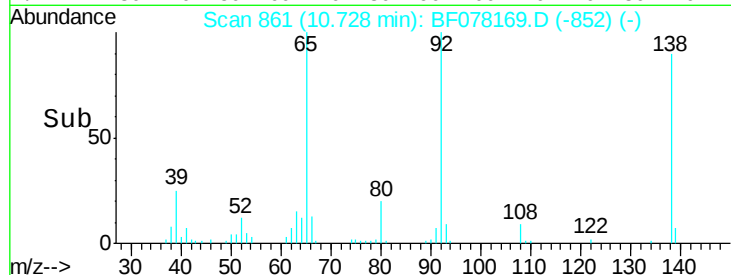
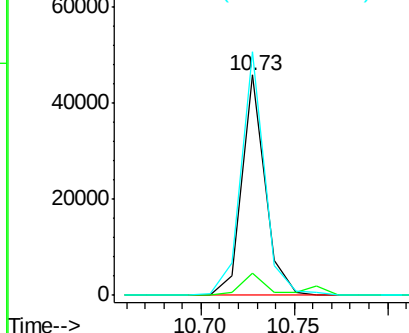
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 76.15 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF078169.D

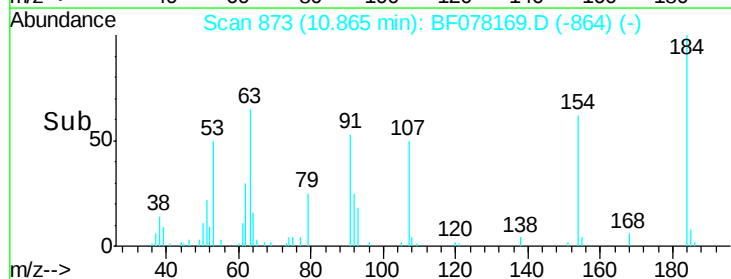
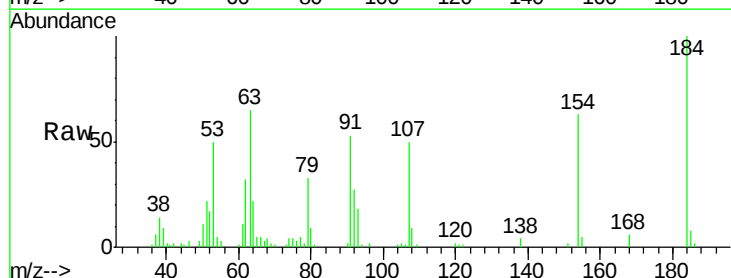
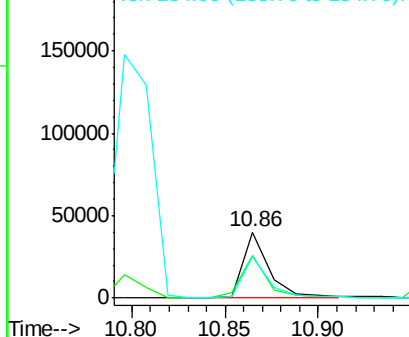
Acq: 1 Apr 2015 23:24

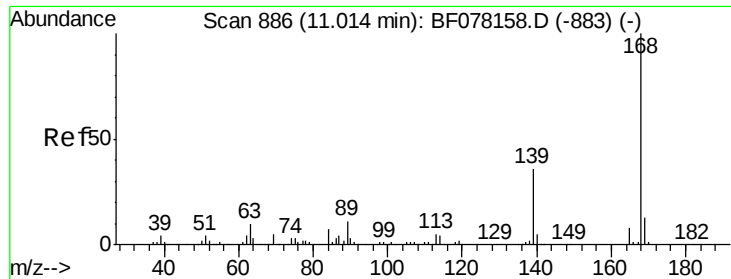
Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	51.9	77.9
154	63.1	51.0	76.4

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





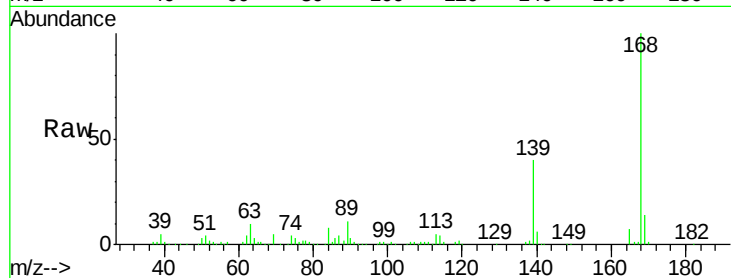
#54
Dibenzenofuran
Concen: 38.61 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

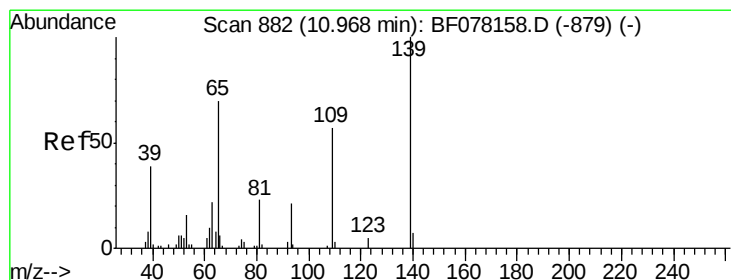
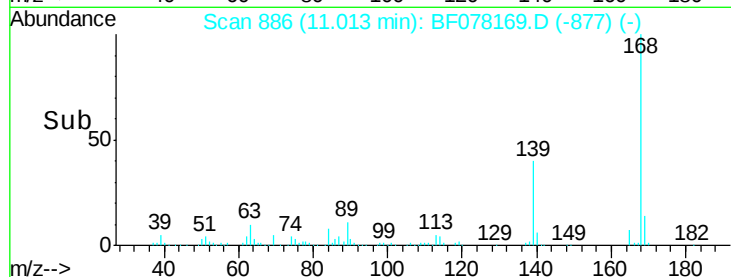
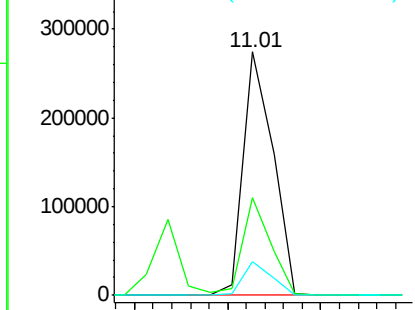
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.0	46.4
169	13.6	10.7	16.1

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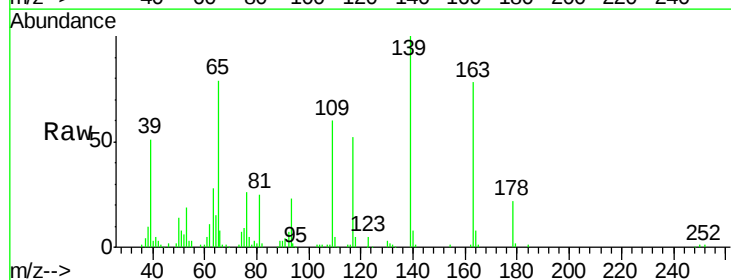


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

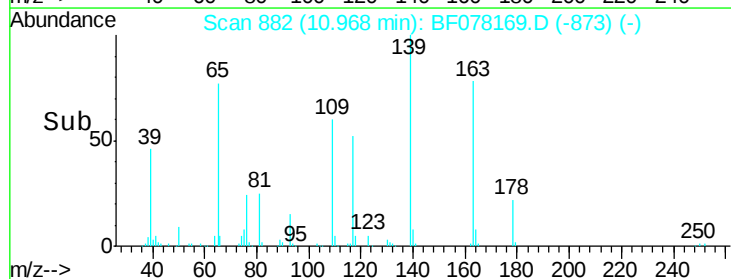
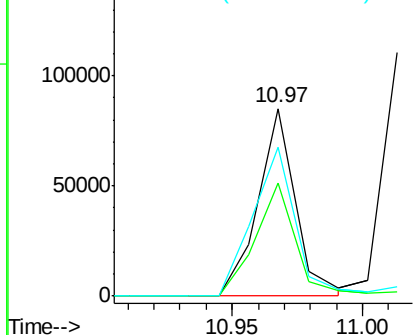


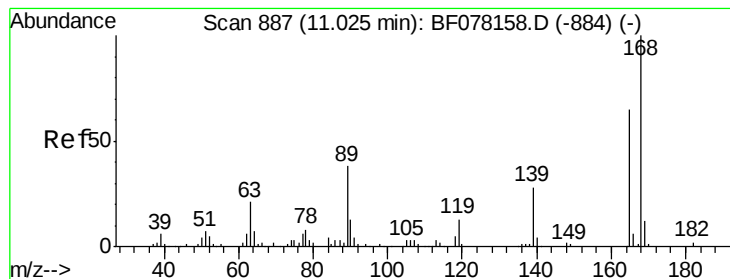
#55
4-Nitrophenol
Concen: 73.75 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	36.7	76.7
65	79.2	49.9	89.9



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





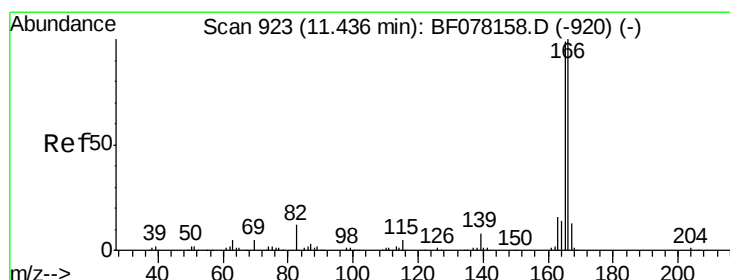
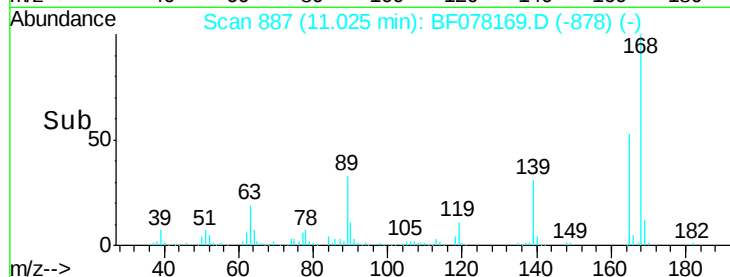
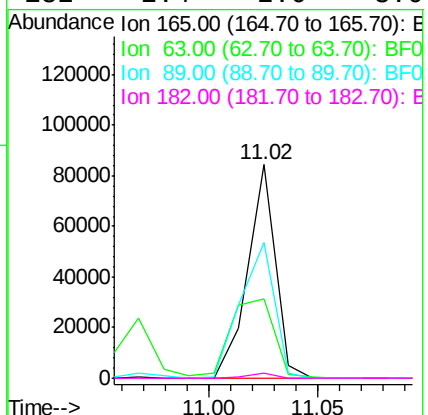
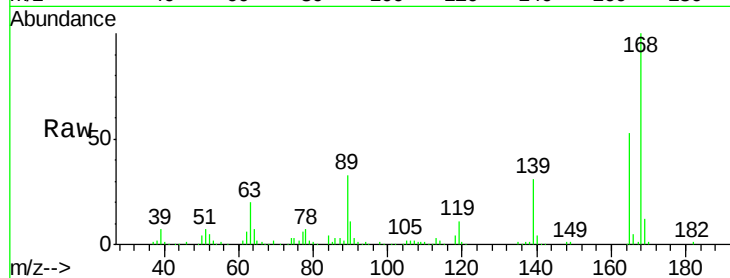
#56
2,4-Dinitrotoluene
Concen: 42.01 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.2	26.5	39.7	
89	63.3	46.4	69.6	
182	2.4	2.0	3.0	

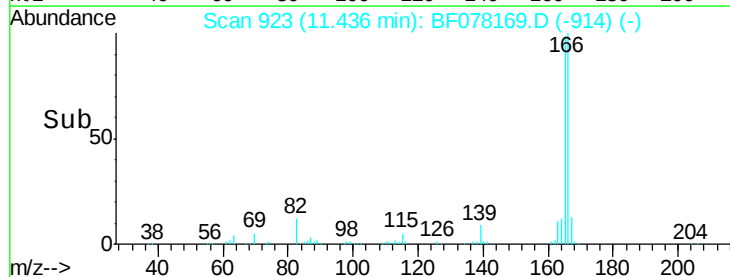
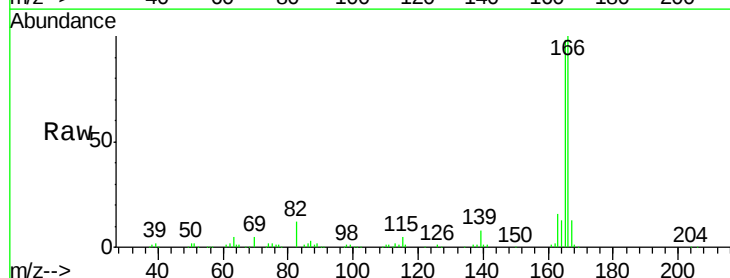
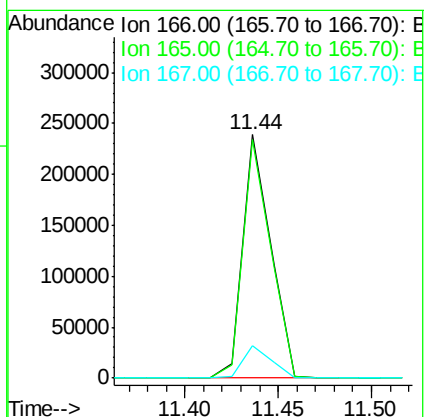
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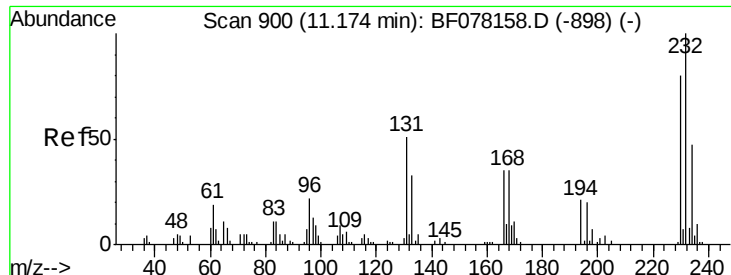
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#57
Fluorene
Concen: 38.94 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	78.9	118.3	
167	13.3	10.7	16.1	





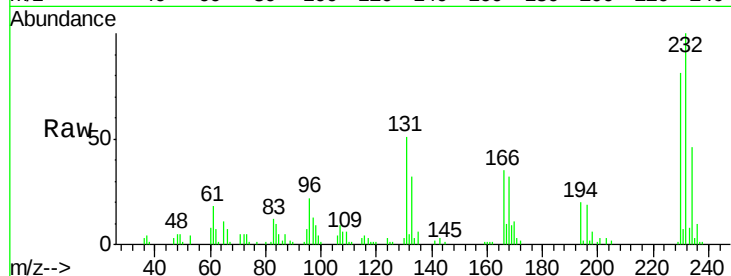
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.27 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

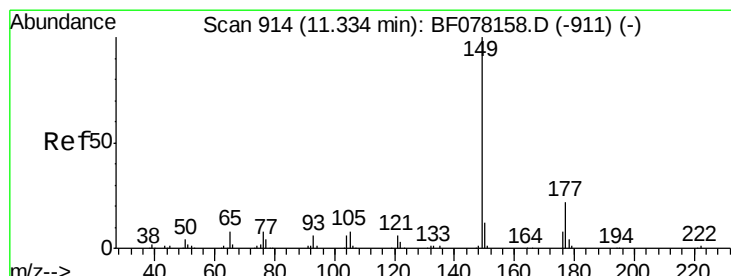
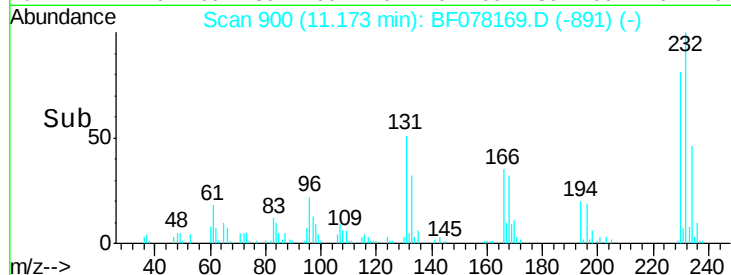
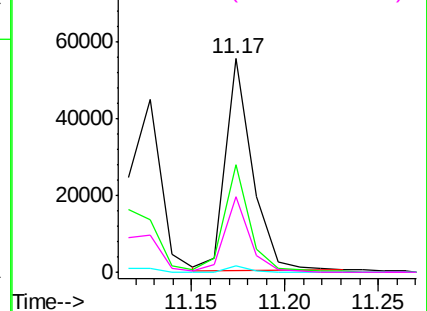
Tot Ion:	232	Resp:	55646
Ion Ratio	Lower	Upper	
232	100		
131	47.2	37.8	56.8
130	2.4	1.5	2.3#
166	33.2	25.8	38.6

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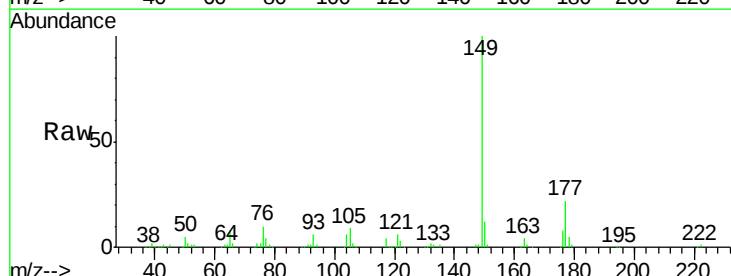


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

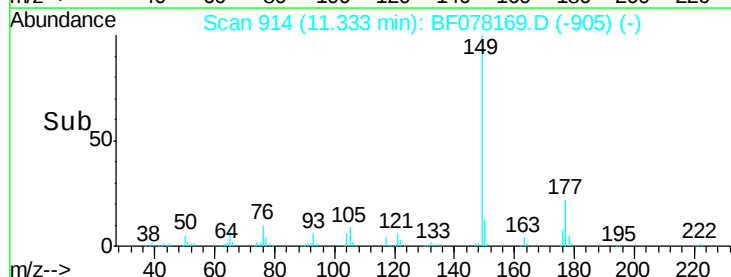
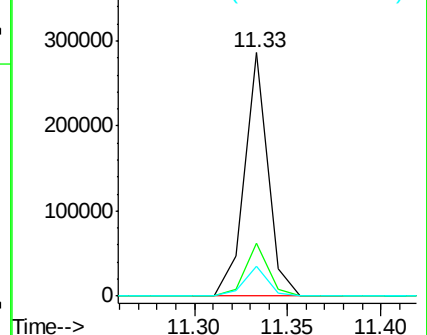


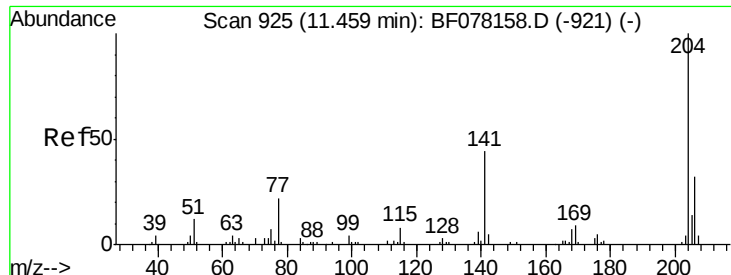
#59
 Diethylphthalate
 Concen: 38.87 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion:	149	Resp:	250880
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.4	26.2
150	12.4	9.4	14.2



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





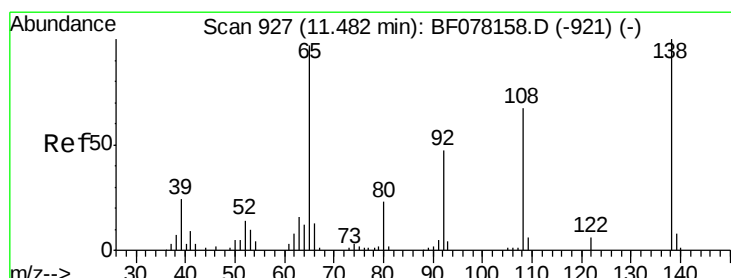
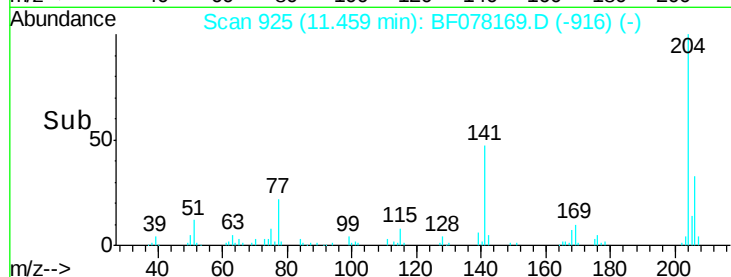
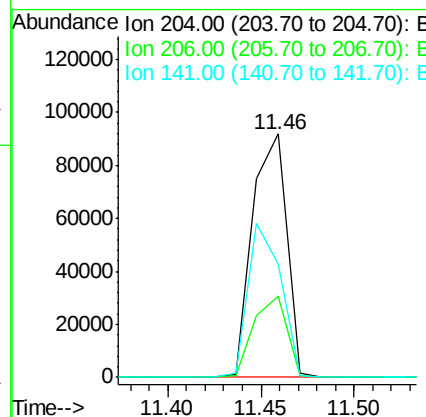
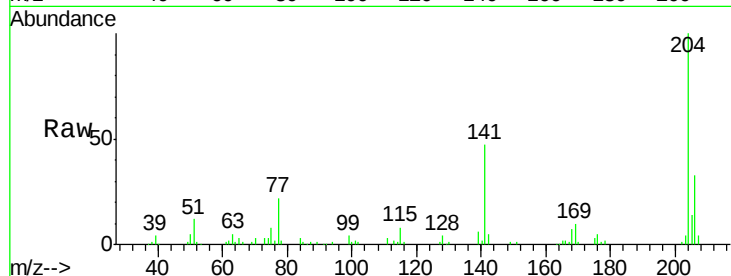
#60
 4-Chlorophenyl-phenylether
 Concen: 39.17 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.6	38.4
141	46.6	35.4	53.0

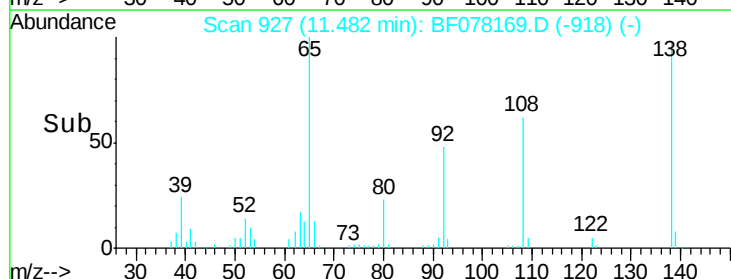
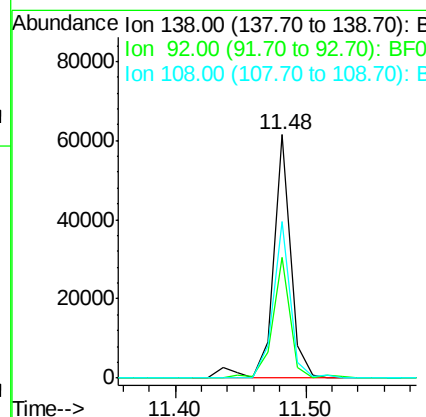
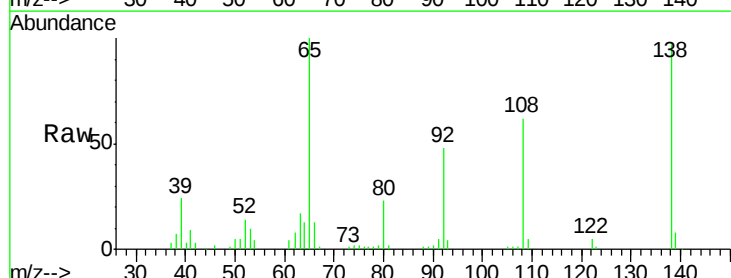
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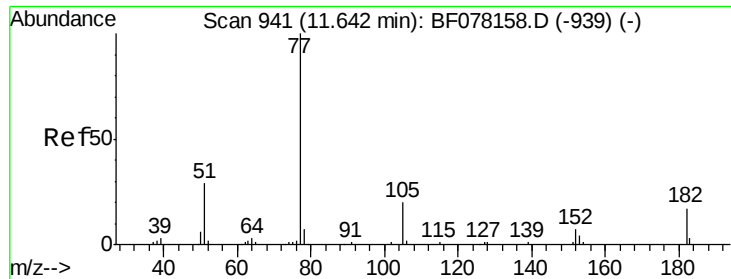
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#61
 4-Nitroaniline
 Concen: 36.34 ng
 RT: 11.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.3	67.3
108	64.1	47.2	87.2





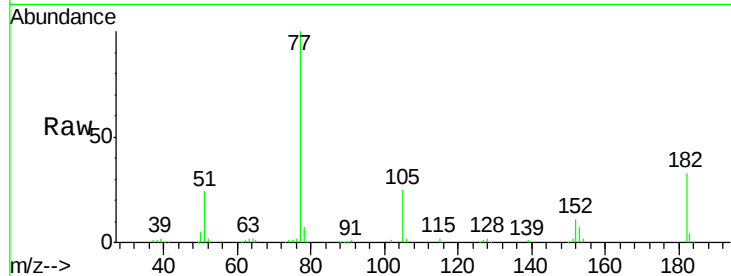
#62
Azobenzene
Concen: 40.21 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

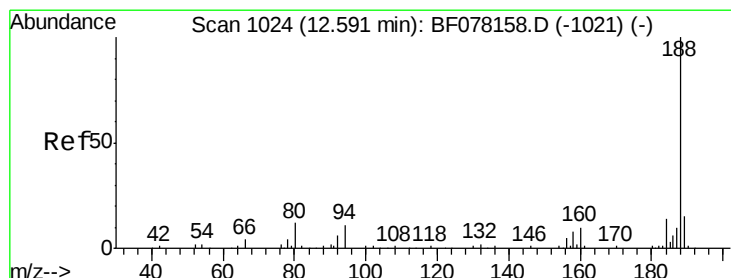
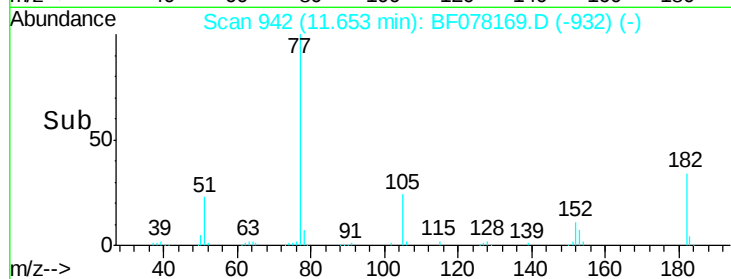
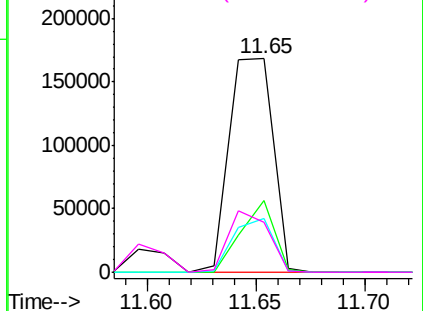
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	33.5	0.0	36.8		
105	24.9	0.3	40.3		
51	23.6	9.1	49.1		

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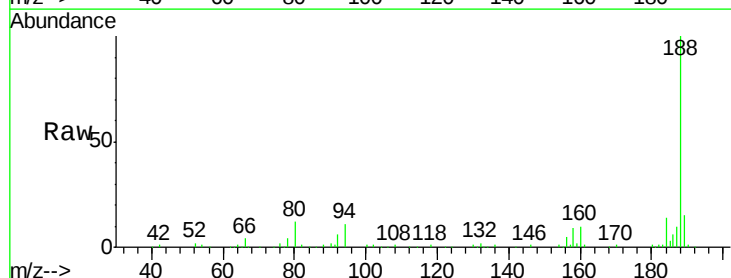


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

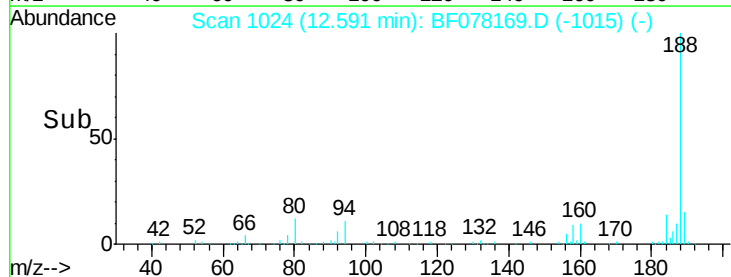
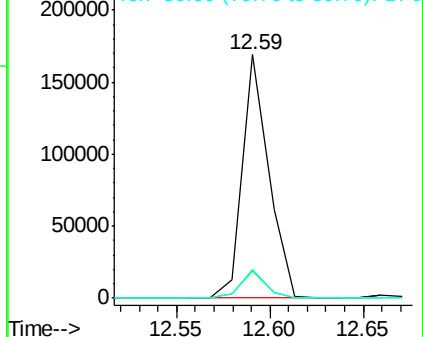


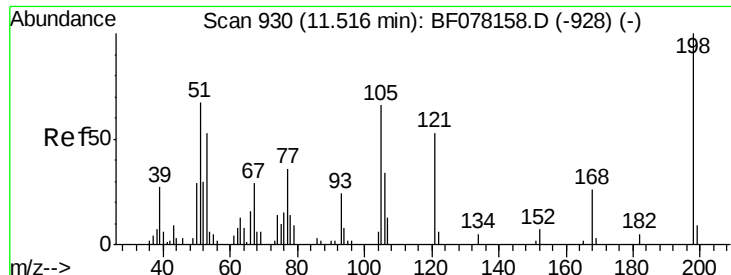
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1	9.0	13.4		
80	11.8	9.5	14.3		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 37.07 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

ClientSampleId :

PB82441BS

Tot Ion:198 Resp: 28905

Ion Ratio Lower Upper

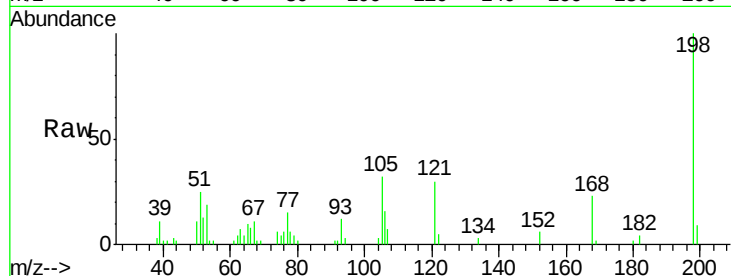
198 100

51 25.2 48.6 88.6#

105 32.2 45.8 85.8#

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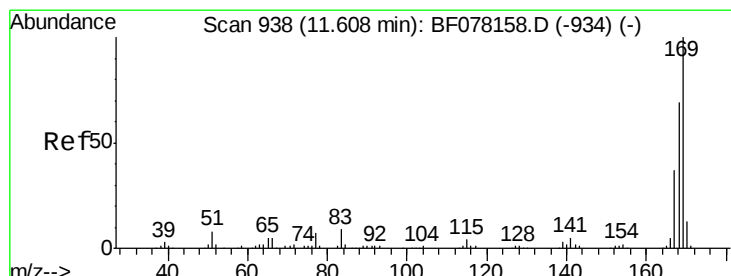
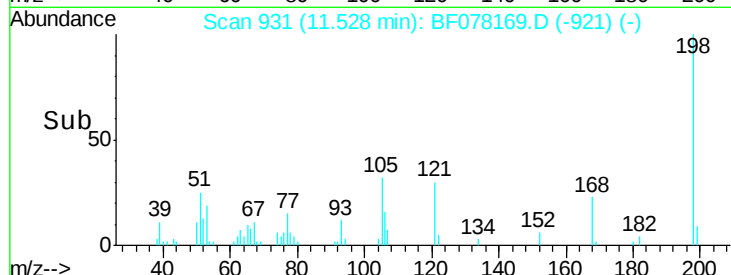
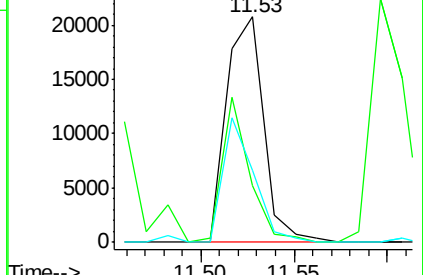
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.49 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

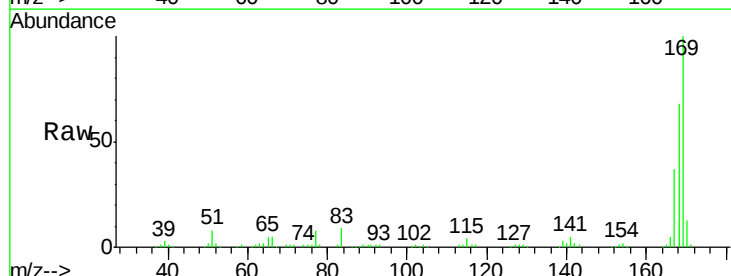
Tgt Ion:169 Resp: 217642

Ion Ratio Lower Upper

169 100

168 68.3 55.0 82.4

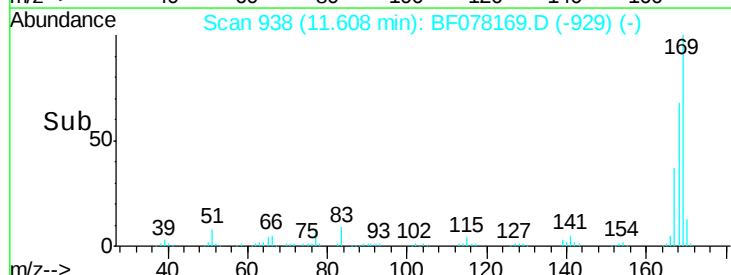
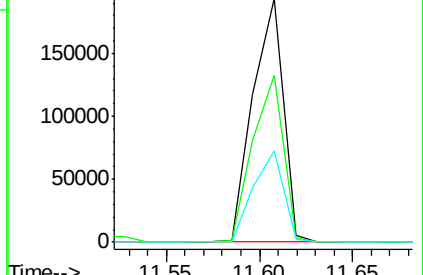
167 37.5 29.3 43.9

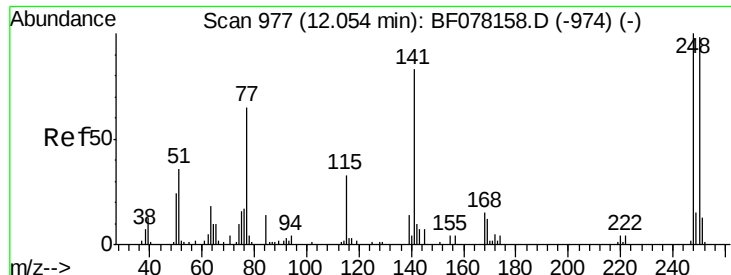


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





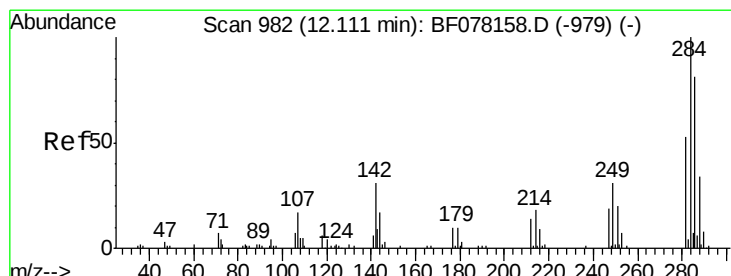
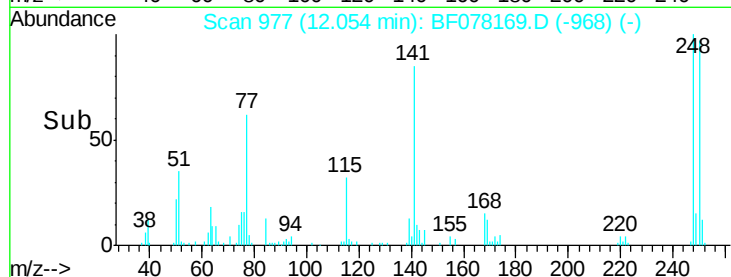
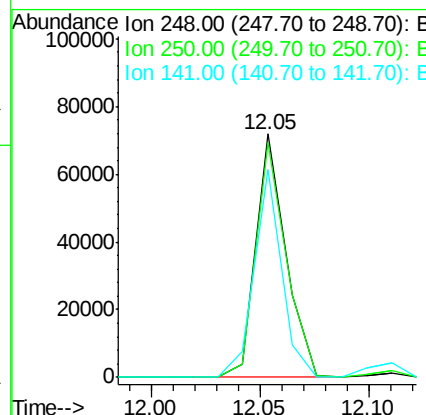
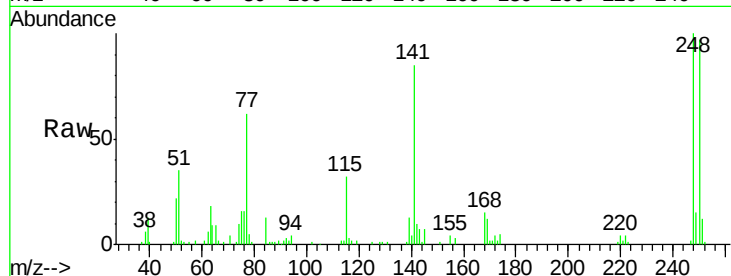
#66
 4-Bromophenyl-phenylether
 Concen: 38.83 ng
 RT: 12.05 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.2	117.2
141	85.1	66.4	99.6

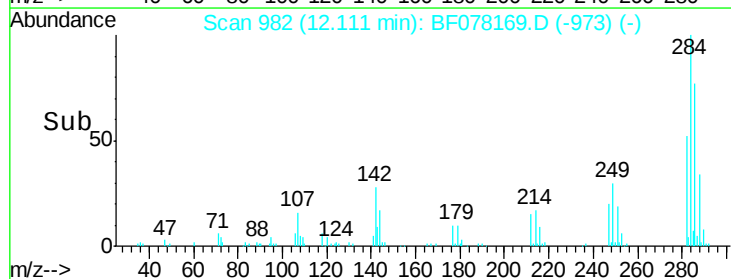
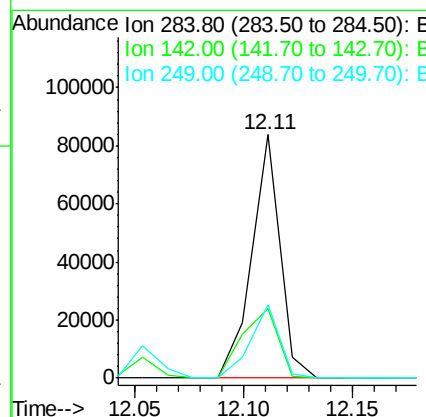
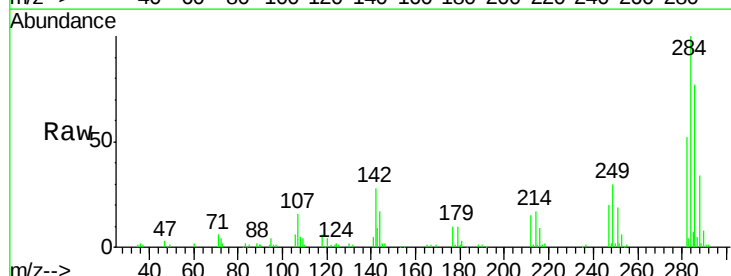
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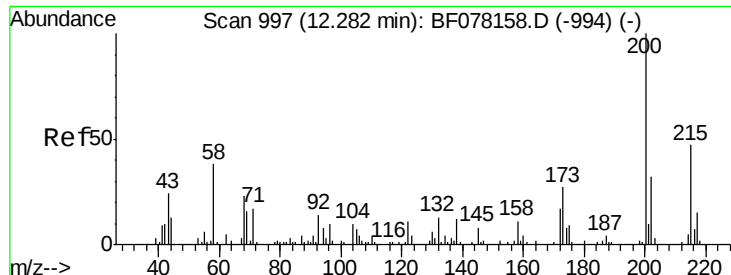
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#67
 Hexachlorobenzene
 Concen: 38.86 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	24.5	36.7
249	30.0	24.8	37.2





#68

Atrazine

Concen: 41.26 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

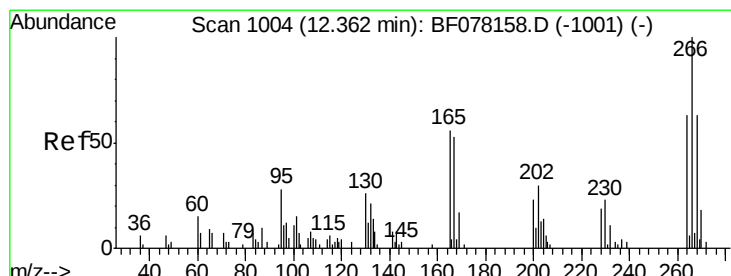
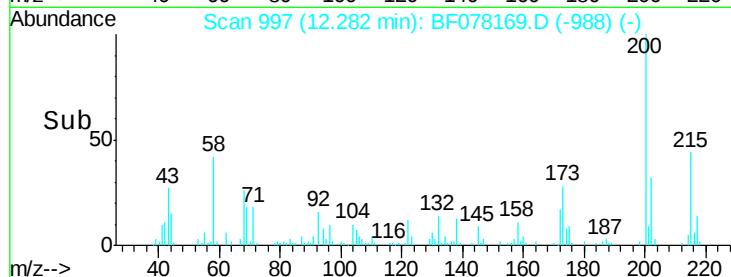
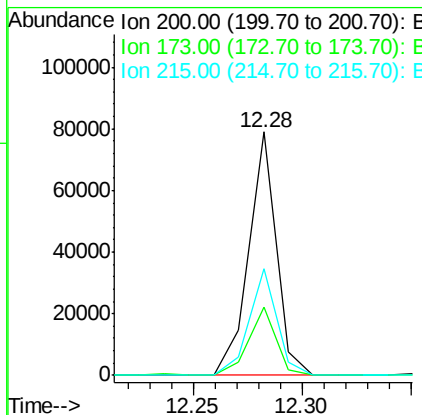
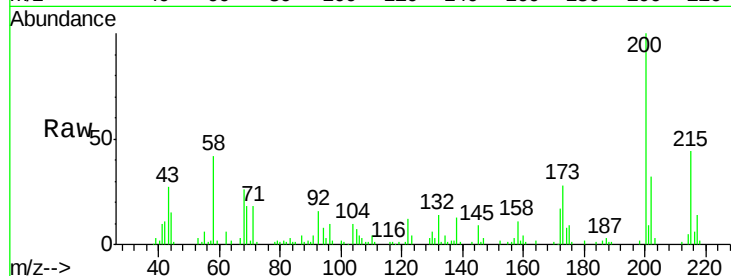
ClientSampled :

PB82441BS

Tot Ion:	200	Resp:	69375
Ion Ratio	Lower	Upper	
200	100		
173	27.8	6.9	46.9
215	43.7	27.1	67.1

Manual Integrations
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#69

Pentachlorophenol

Concen: 75.59 ng

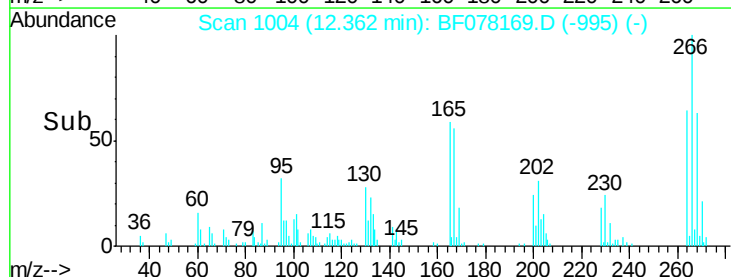
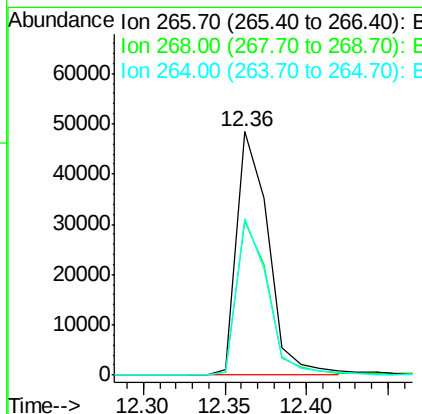
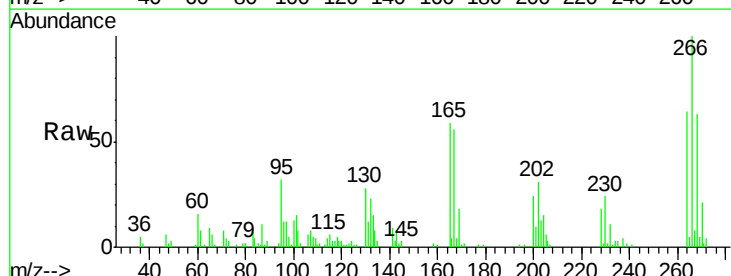
RT: 12.36 min Scan# 1004

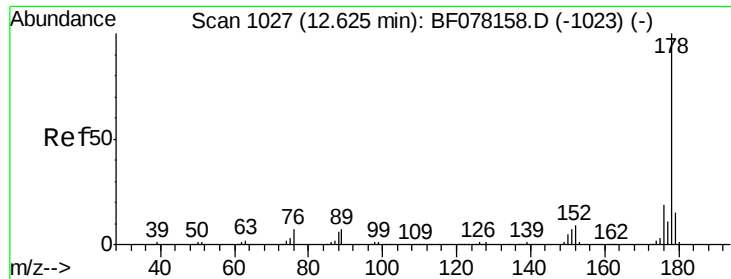
Delta R.T. 0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	266	Resp:	64871
Ion Ratio	Lower	Upper	
266	100		
268	63.0	50.1	75.1
264	64.2	50.0	75.0





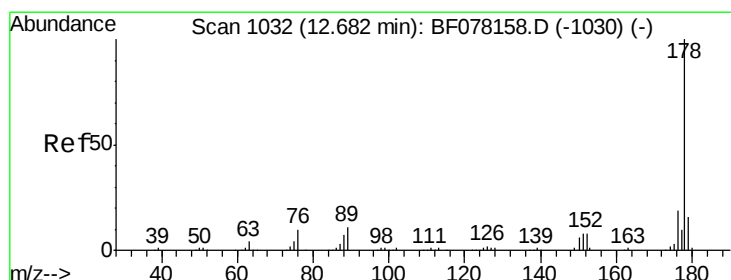
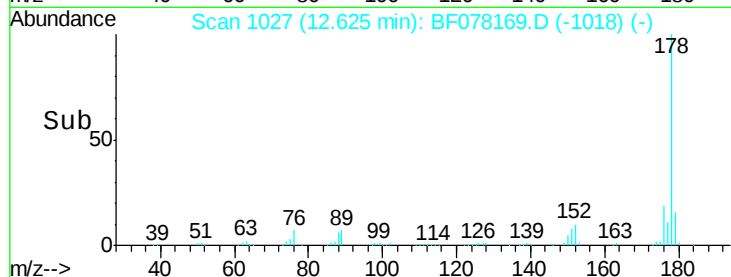
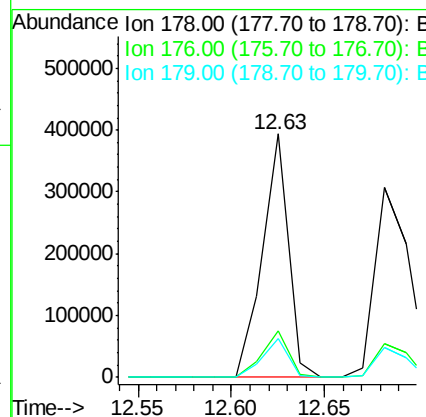
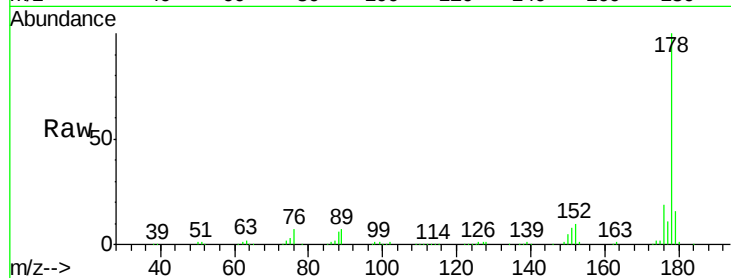
#70
Phenanthrene
Concen: 38.95 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.7	12.2	18.2

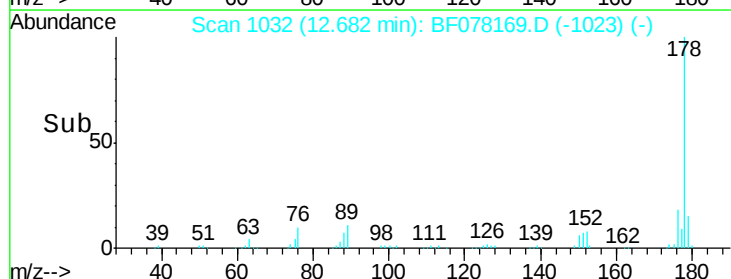
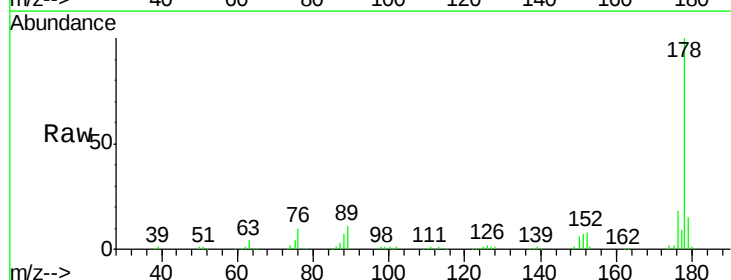
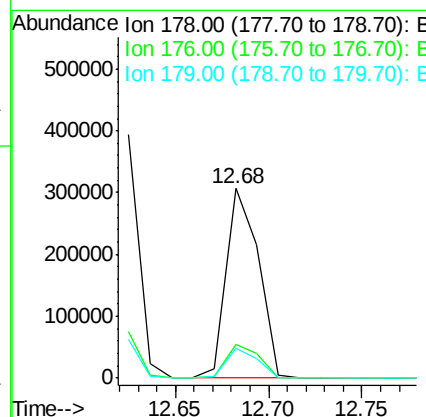
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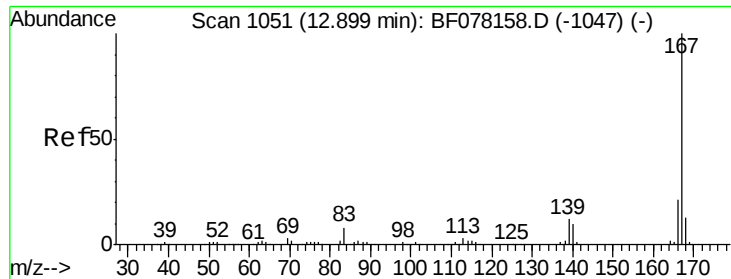
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#71
Anthracene
Concen: 38.98 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.4	12.4	18.6





#72

Carbazole

Concen: 39.83 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

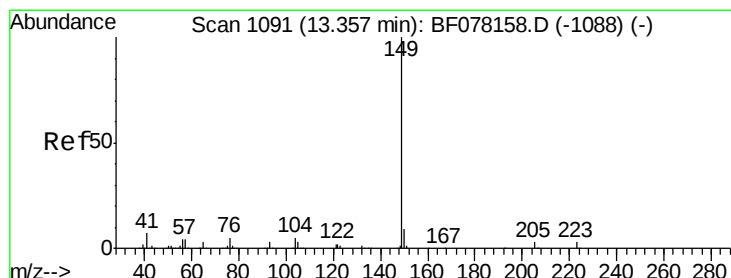
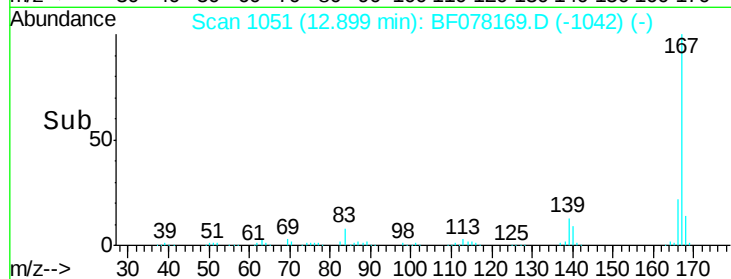
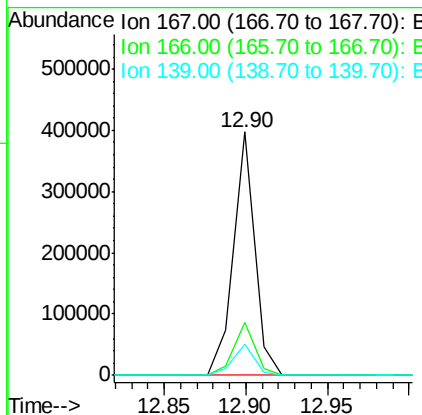
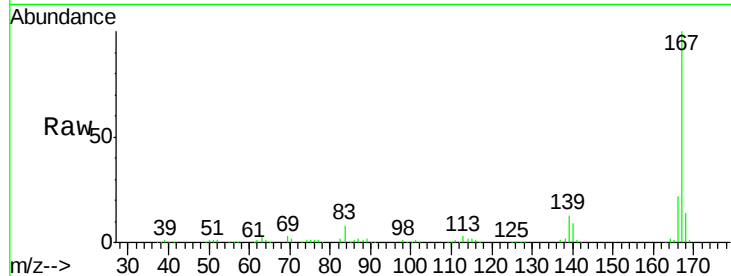
ClientSampleId :

PB82441BS

Tot Ion:	167	Resp:	357038
Ion Ratio	Lower	Upper	
167	100		
166	21.9	16.8	25.2
139	13.0	10.0	15.0

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 39.68 ng

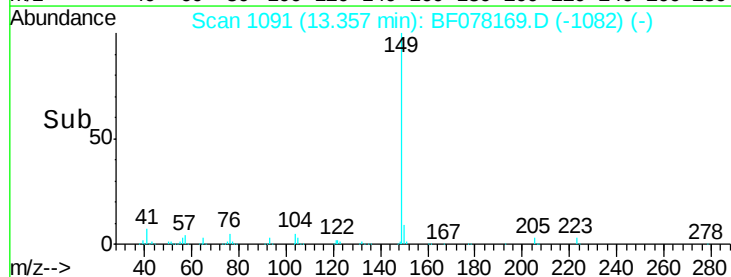
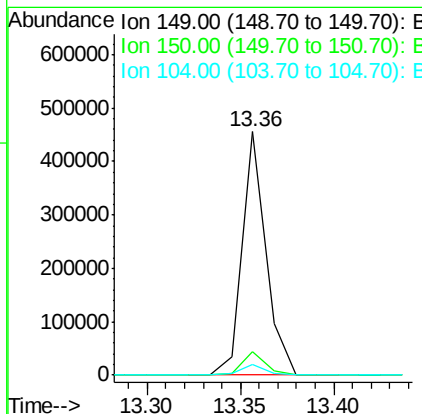
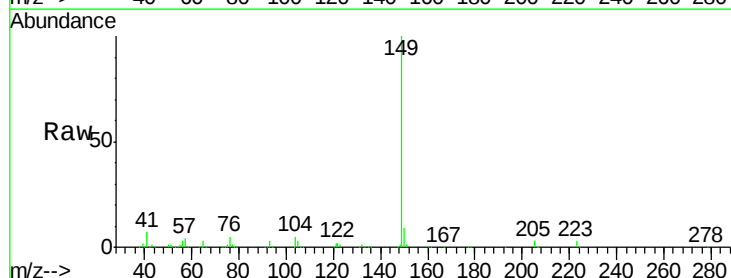
RT: 13.36 min Scan# 1091

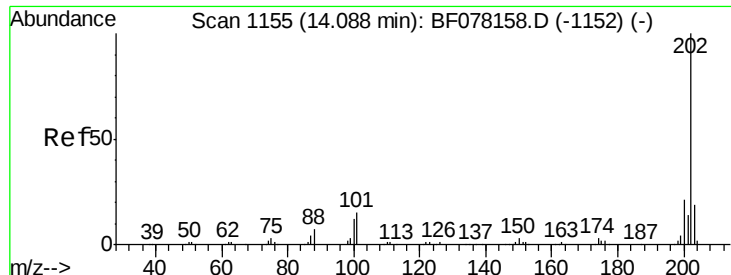
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	149	Resp:	403021
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	4.6	3.8	5.6





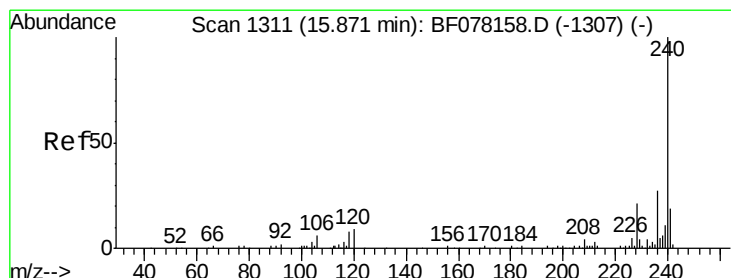
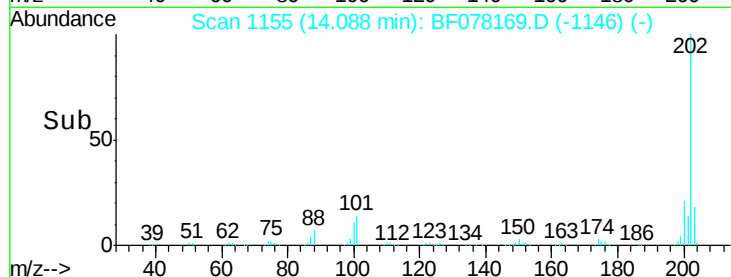
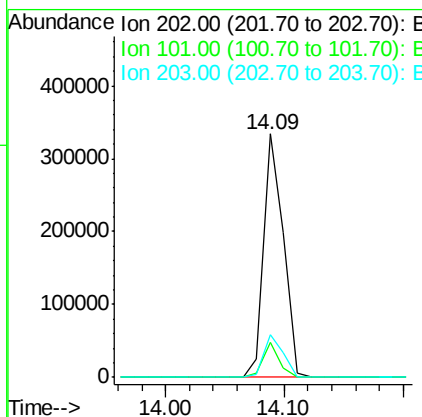
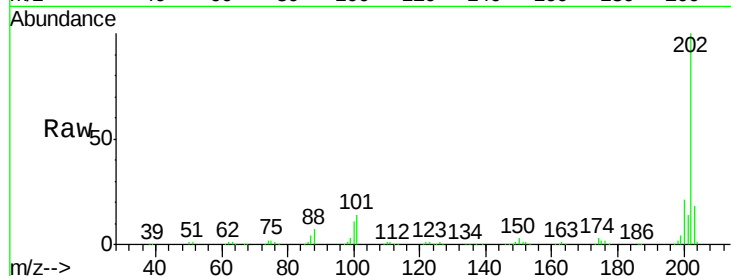
#74
 Fluoranthene
 Concen: 37.99 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	0.0	35.2
203	17.8	0.0	38.5

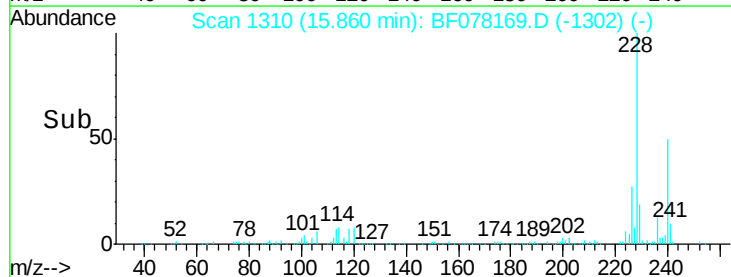
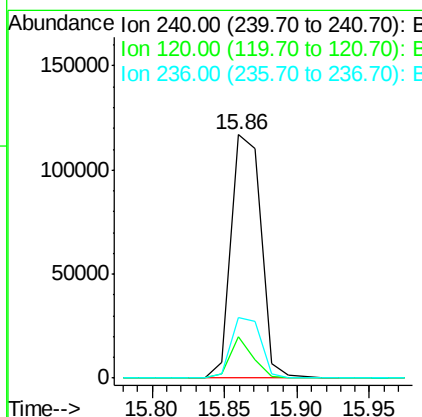
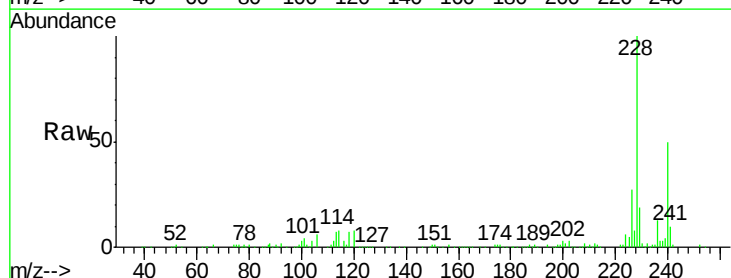
Manual Integrations
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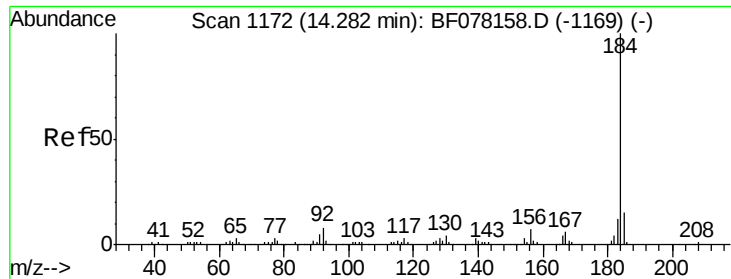
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.8	7.1	10.7#
236	25.1	21.4	32.2





#76

Benzidine

Concen: 24.00 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

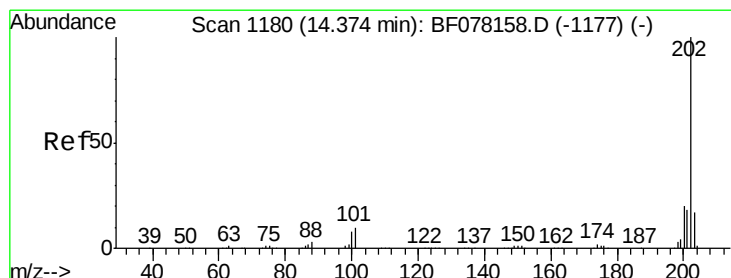
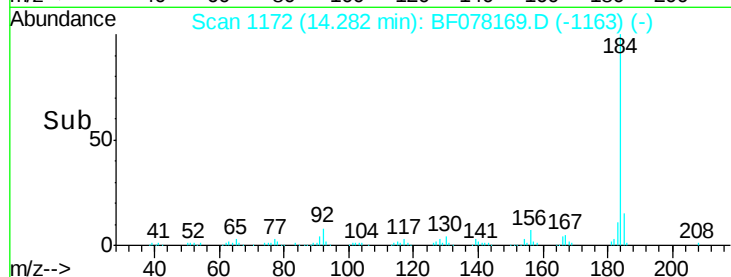
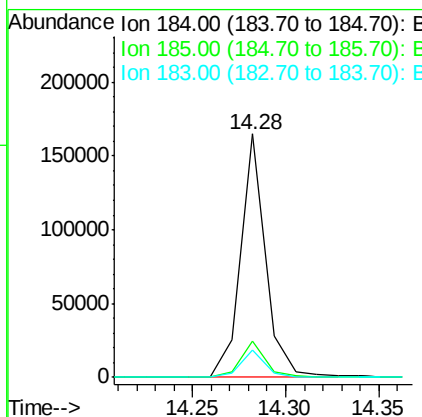
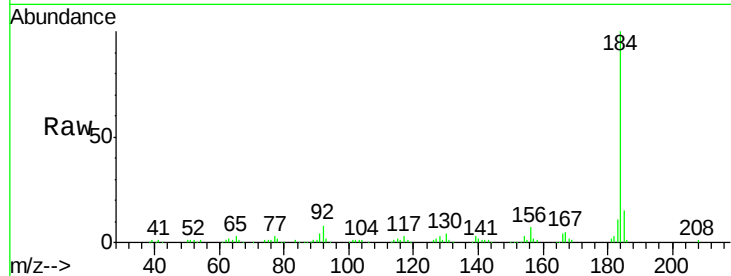
ClientSampleId :

PB82441BS

Tot Ion:	184	Resp:	154793
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	11.0	9.5	14.3

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#77

Pyrene

Concen: 39.19 ng

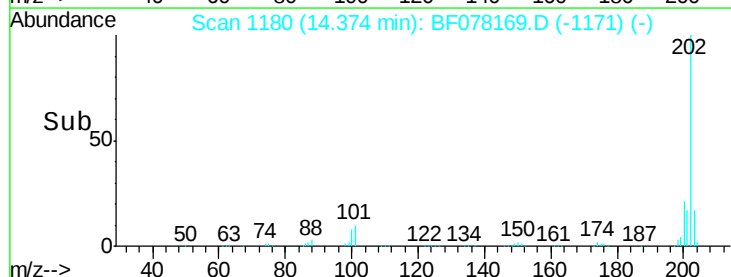
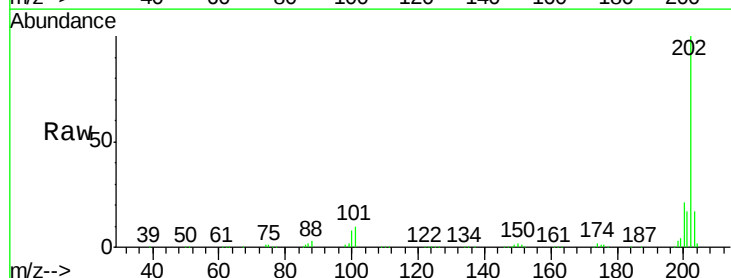
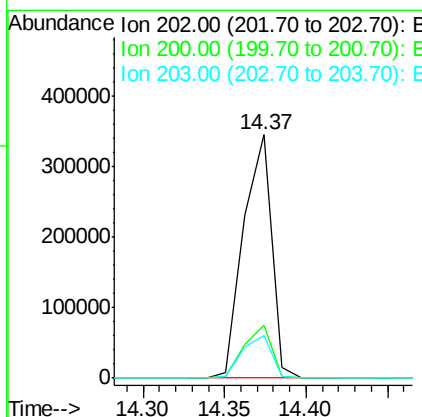
RT: 14.37 min Scan# 1180

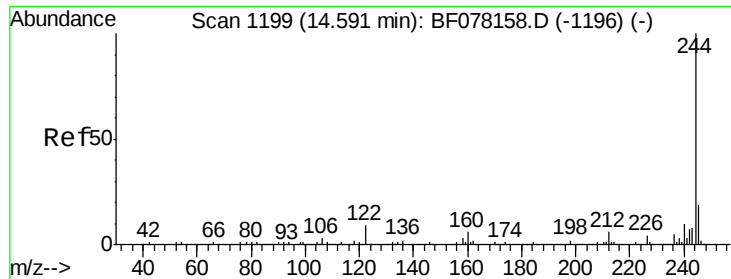
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	202	Resp:	412020
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.3	24.5
203	17.4	13.8	20.6





#78

Terphenyl-d14

Concen: 73.11 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

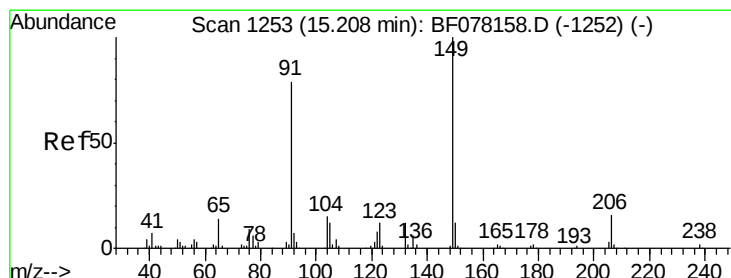
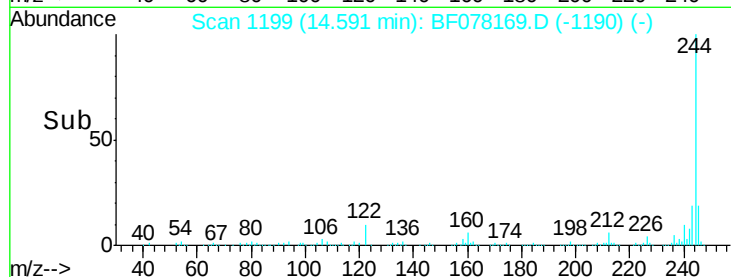
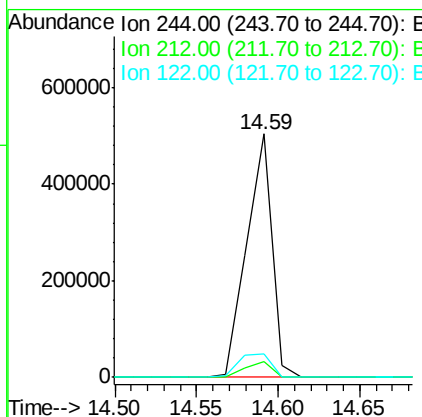
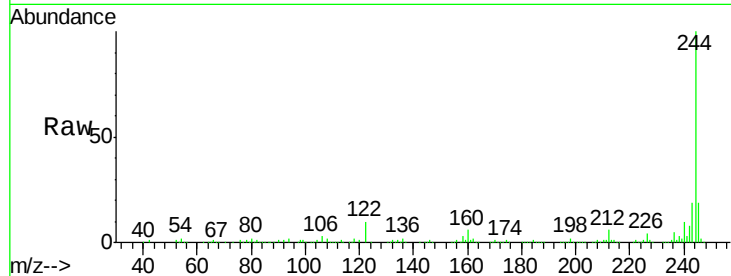
ClientSampleId :

PB82441BS

Tot Ion:	244	Resp:	541871
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.8	7.1	10.7

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#79

Butylbenzylphthalate

Concen: 41.93 ng

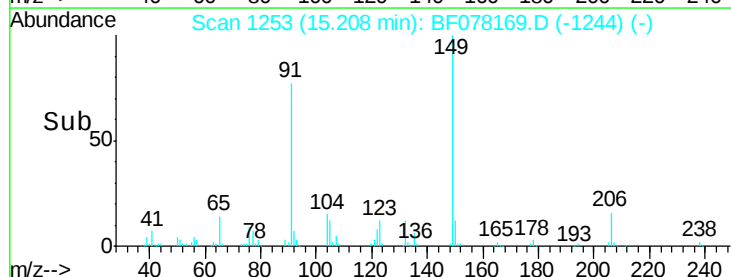
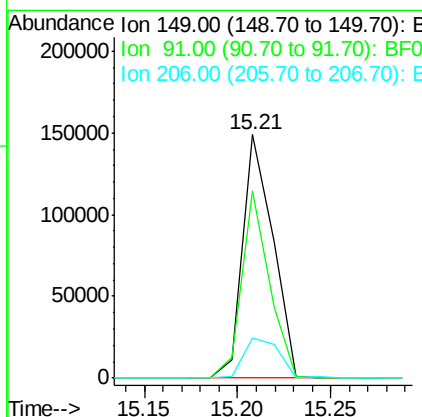
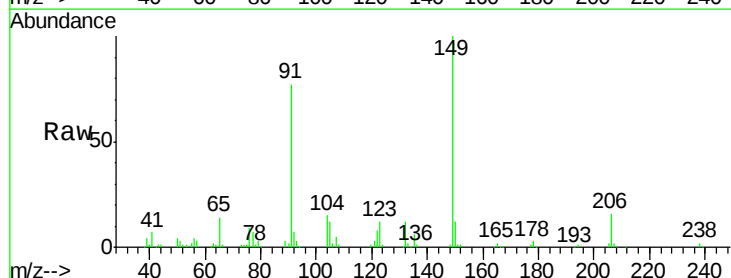
RT: 15.21 min Scan# 1253

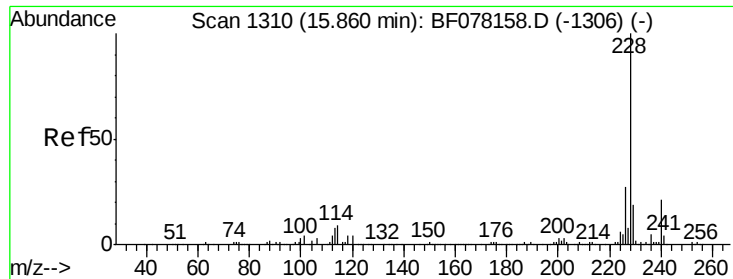
Delta R.T. -0.00 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	149	Resp:	168028
Ion Ratio		Lower	Upper
149	100		
91	76.9	64.2	96.2
206	16.4	12.6	18.8





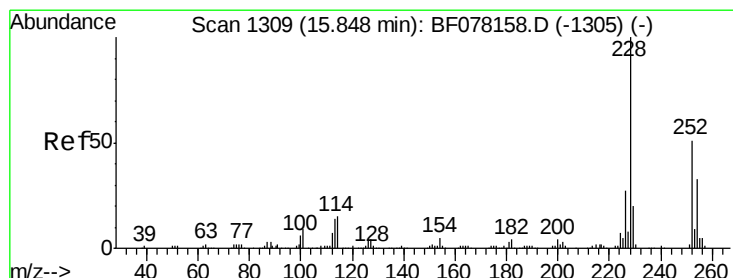
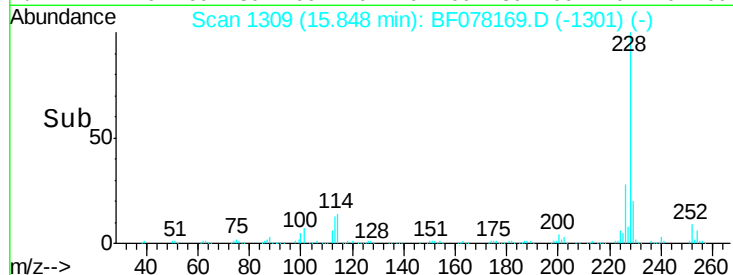
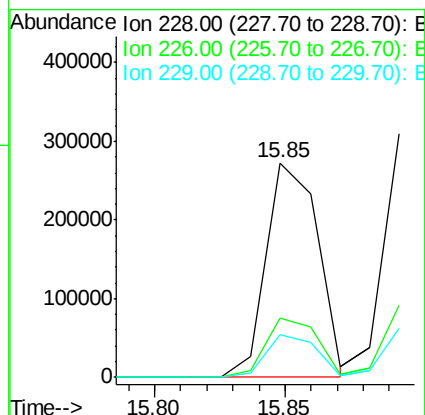
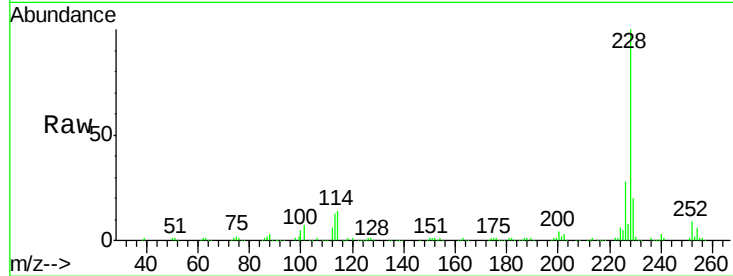
#80
Benzo(a)anthracene
Concen: 37.66 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	20.1	15.4	23.2

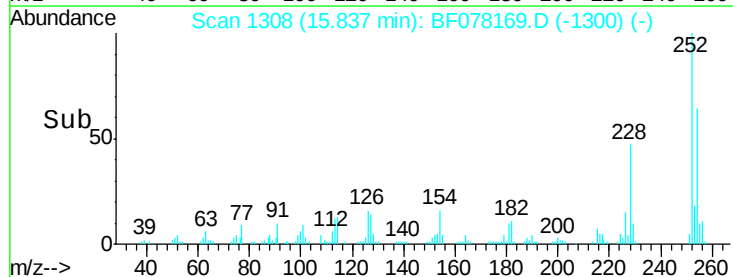
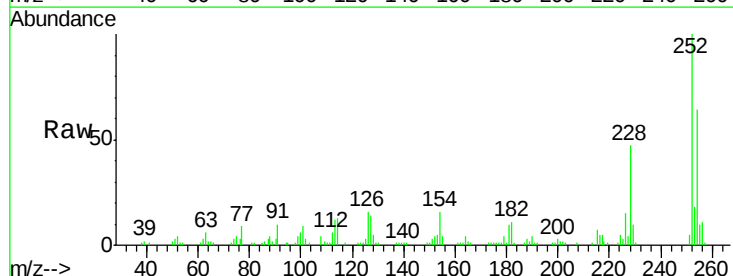
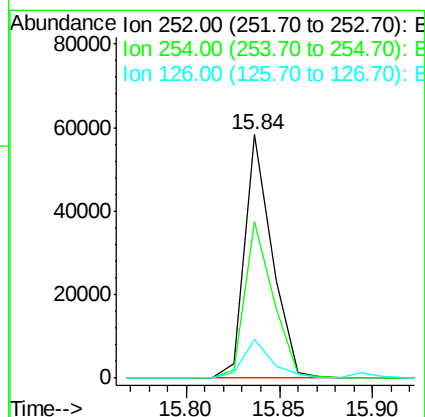
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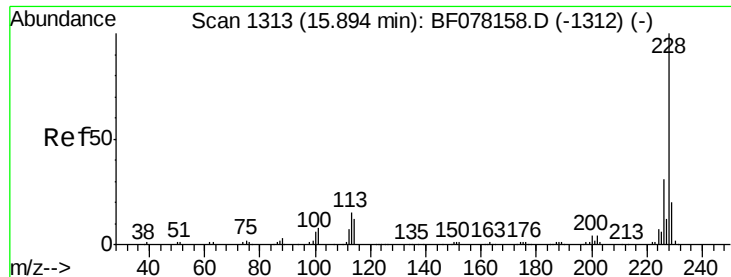
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#81
3,3'-Dichlorobenzidine
Concen: 17.89 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	15.9	6.3	9.5#





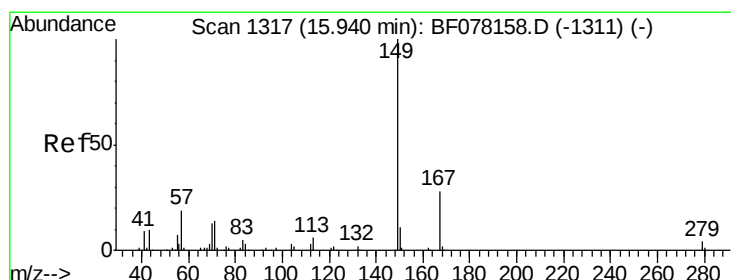
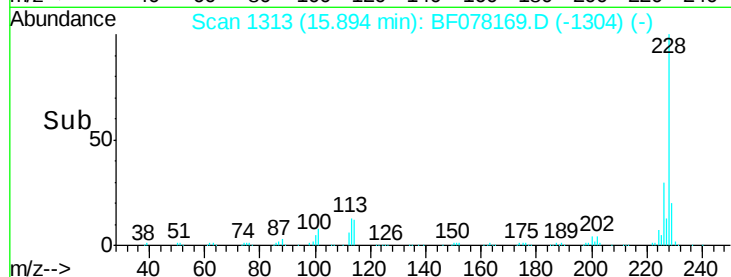
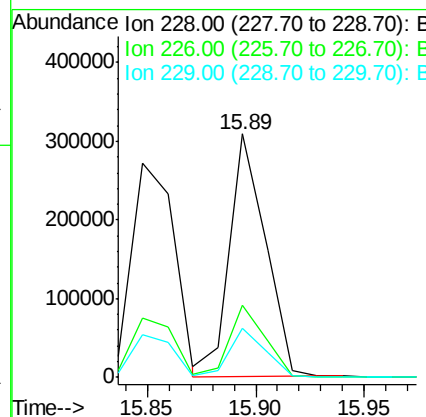
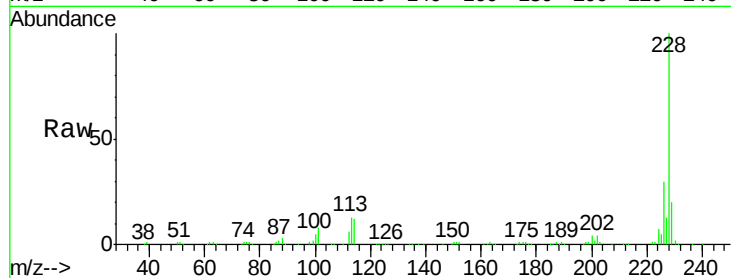
#82
 Chrysene
 Concen: 37.62 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	352193		
226	29.8		24.2	36.4
229	19.9		15.8	23.8

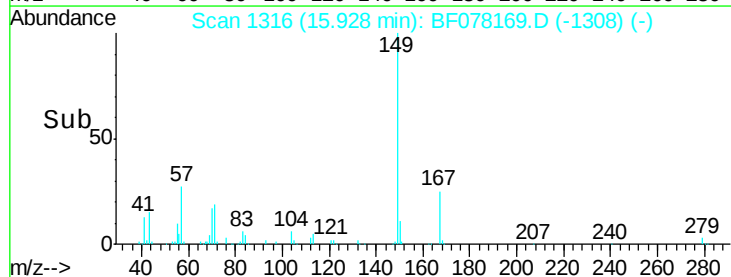
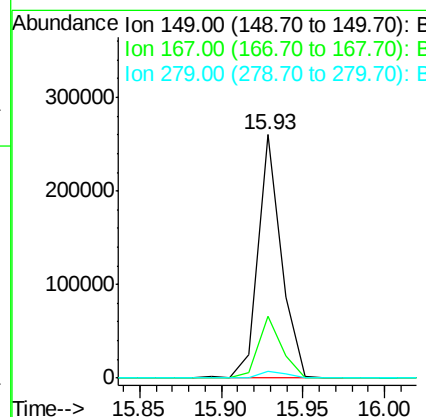
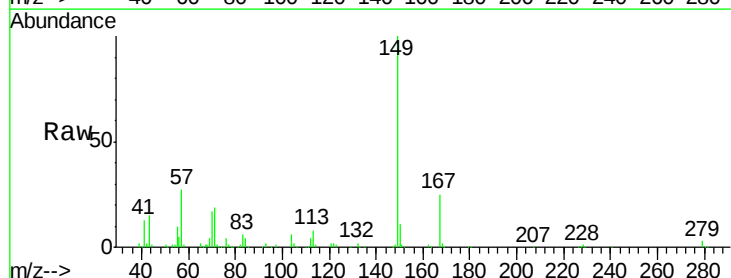
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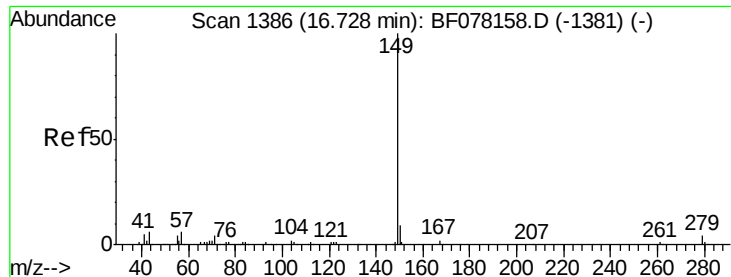
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.06 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF078169.D
 Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	258046		
167	25.3		22.2	33.2
279	2.6		3.2	4.8#





#84

Di-n-octyl phthalate

Concen: 42.89 ng

RT: 16.69 min Scan# 1383

Delta R.T. -0.03 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Instrument :

BNA_F

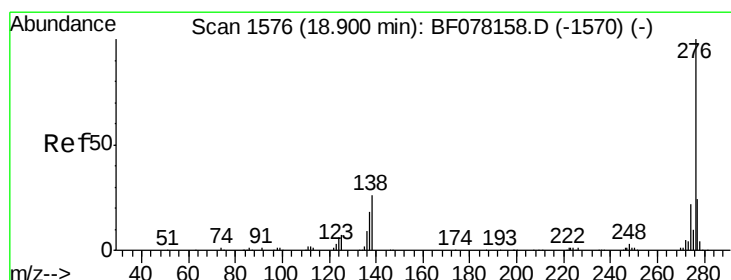
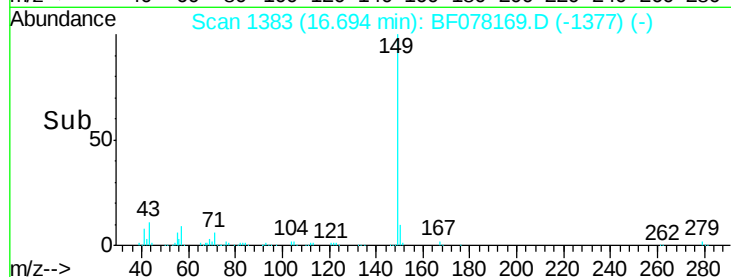
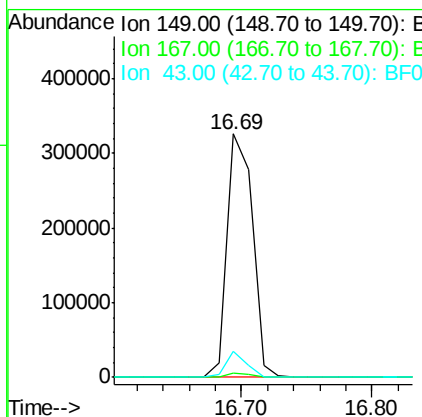
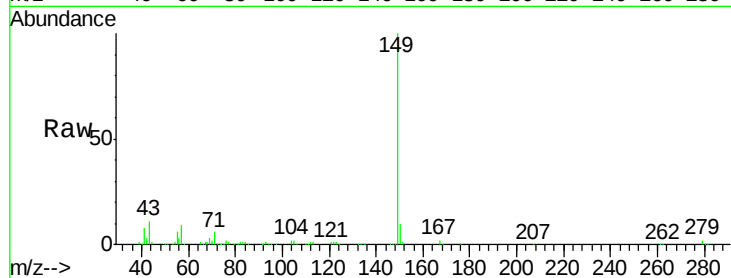
ClientSampleId :

PB82441BS

Tot Ion:	149	Resp:	442654
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	8.9	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 38.47 ng

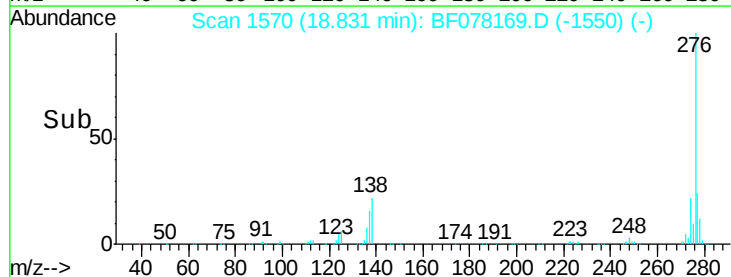
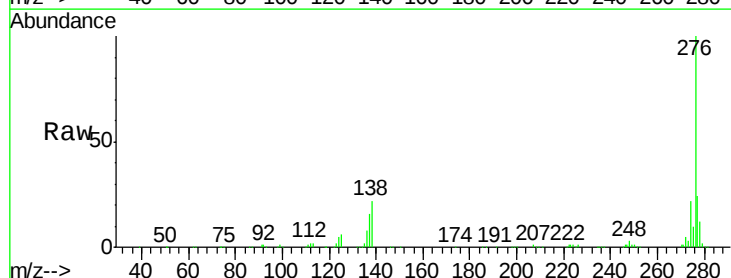
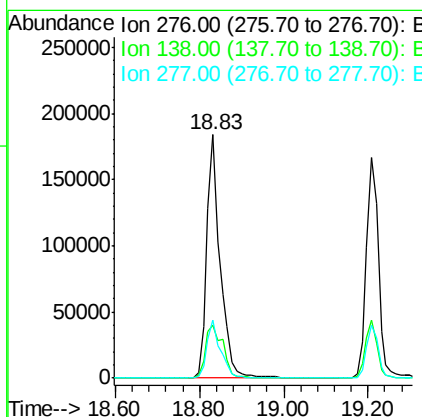
RT: 18.83 min Scan# 1570

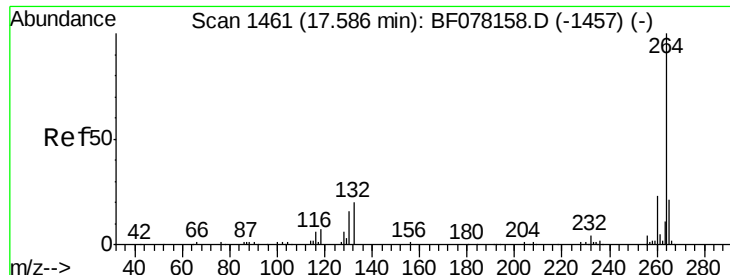
Delta R.T. -0.07 min

Lab File: BF078169.D

Acq: 1 Apr 2015 23:24

Tgt Ion:	276	Resp:	408707
Ion Ratio	Lower	Upper	
276	100		
138	28.8	16.9	25.3#
277	24.5	15.8	23.6#





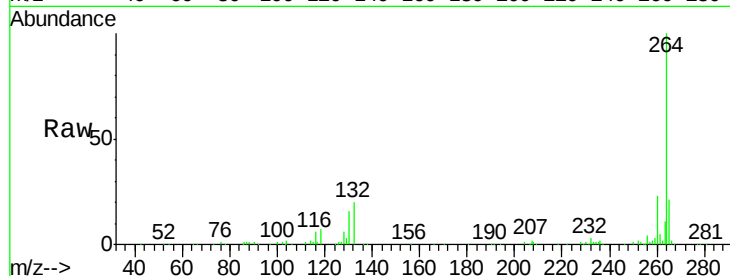
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.53 min Scan# 1456
Delta R.T. -0.06 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

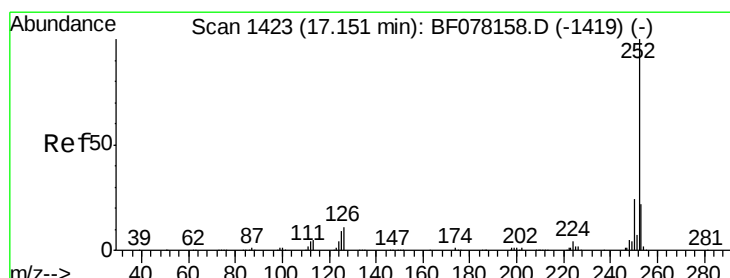
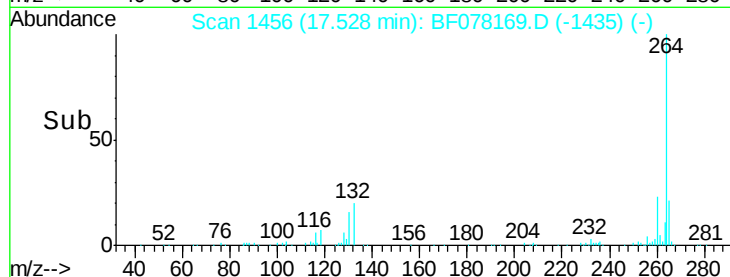
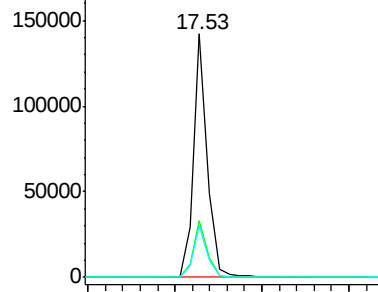
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.4	17.0	25.6

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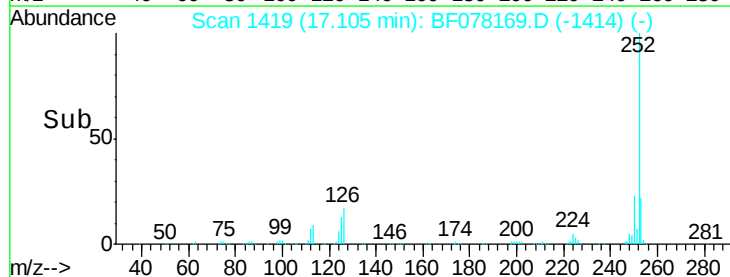
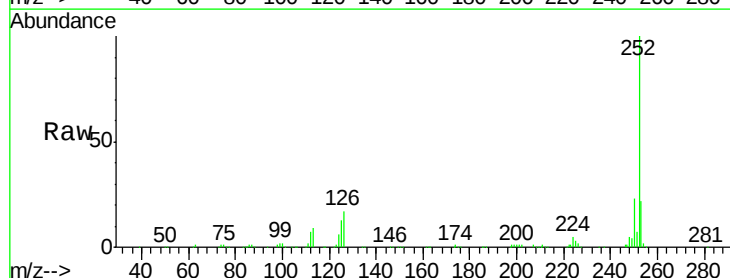
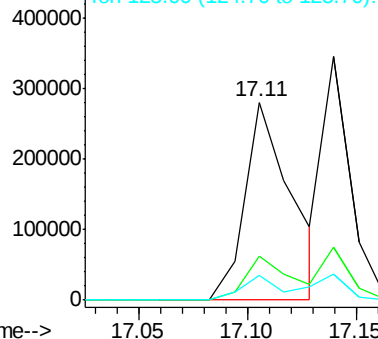
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

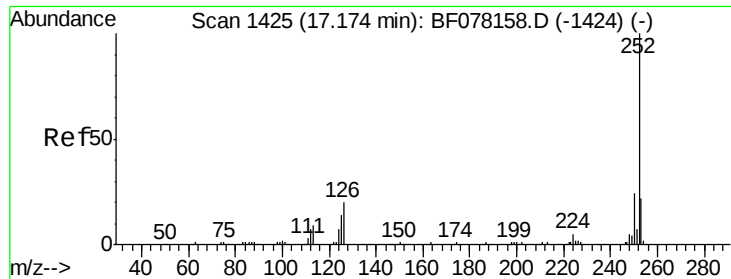


#87
Benzo(b)fluoranthene
Concen: 42.70 ng
RT: 17.11 min Scan# 1419
Delta R.T. -0.05 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.8	7.0	10.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





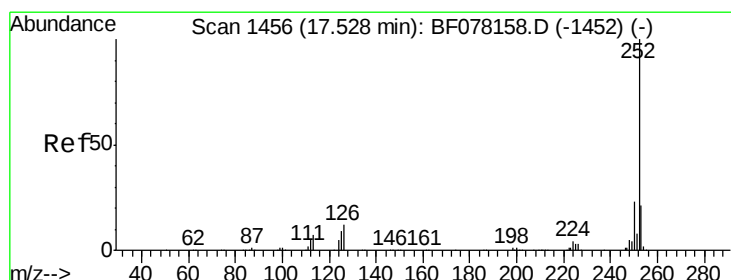
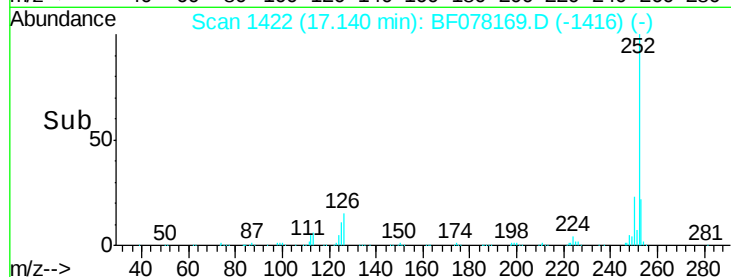
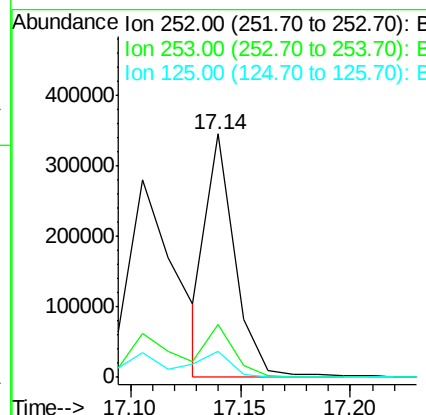
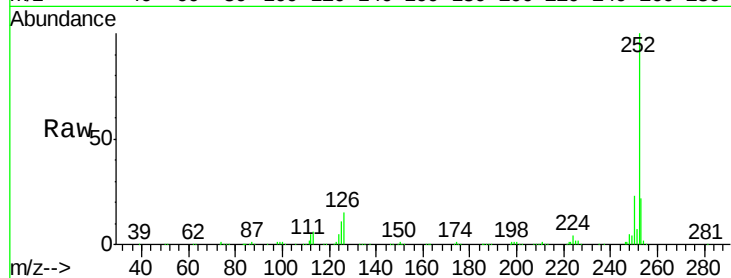
#88
Benzo(k)fluoranthene
Concen: 35.28 ng m
RT: 17.14 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.5	11.6	17.4

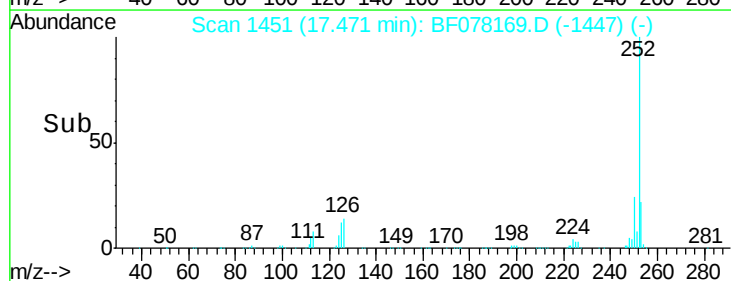
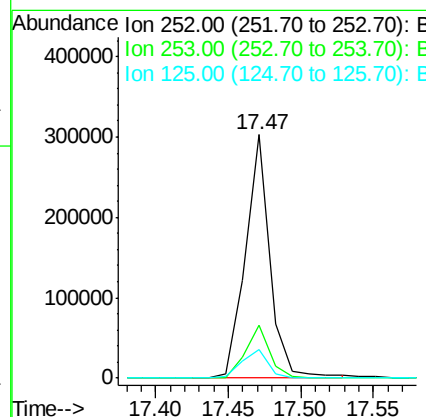
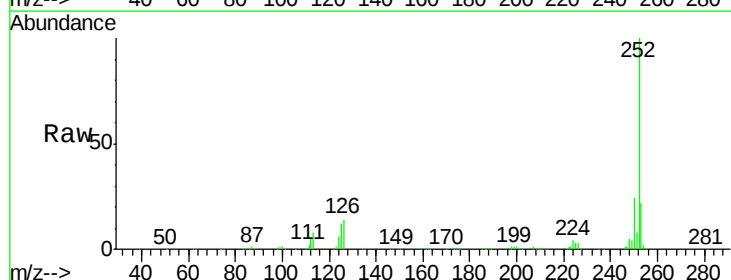
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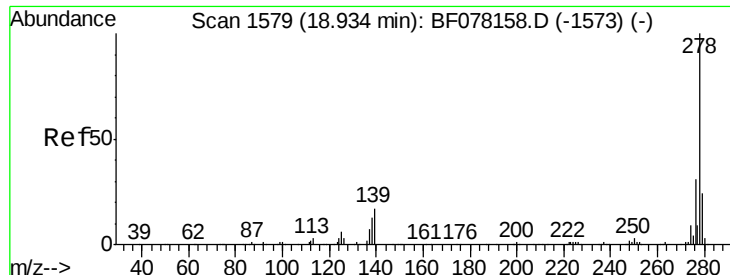
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#89
Benzo(a)pyrene
Concen: 41.35 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.06 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	11.8	7.4	11.0





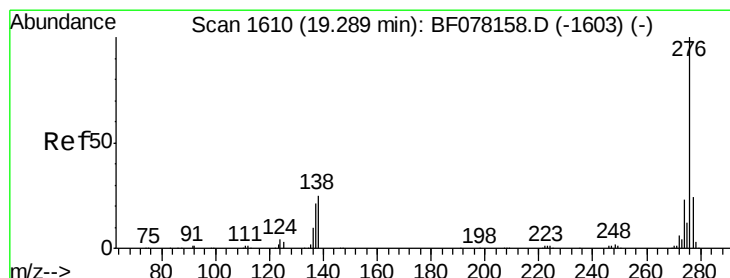
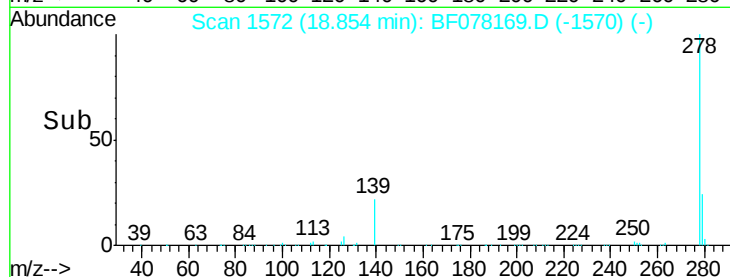
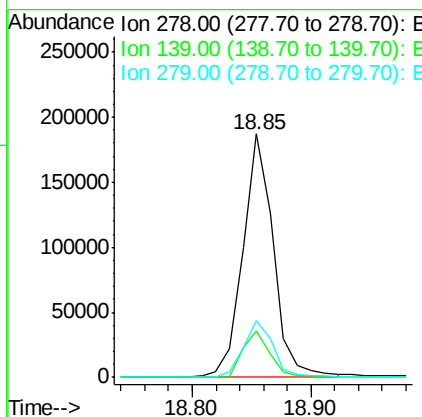
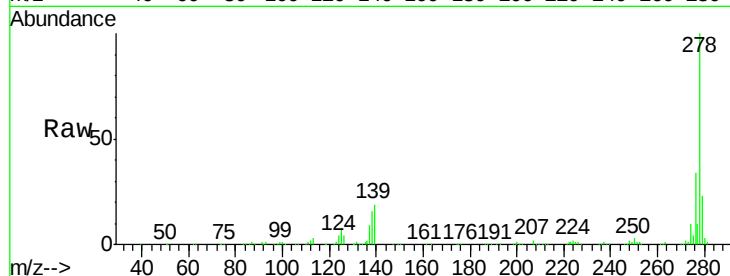
#90
Dibenzo(a,h)anthracene
Concen: 39.18 ng
RT: 18.85 min Scan# 1572
Delta R.T. -0.08 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Instrument :
BNA_F
ClientSampleId :
PB82441BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.6	20.4
279	23.1	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 38.55 ng
RT: 19.21 min Scan# 1603
Delta R.T. -0.08 min
Lab File: BF078169.D
Acq: 1 Apr 2015 23:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	26.5	19.9	29.9

