

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078194.D
 Acq On : 2 Apr 2015 12:15
 Operator : TP/IZ
 Sample : PB82450BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Manual Integrations
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apatel
 4/2/2015 5:51:46 PM

Quant Time: Apr 02 14:05:43 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	39968	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	161023	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	78616	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	153011	20.00	ng	0.00
75) Chrysene-d12	15.88	240	160932	20.00	ng	0.01
86) Perylene-d12	17.68	264	150222	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	295342	121.84	ng	0.00
7) Phenol-d6	6.60	99	372612	122.65	ng	0.00
23) Nitrobenzene-d5	7.72	82	213743	80.46	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	93243	143.01	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	466322	84.79	ng	0.00
78) Terphenyl-d14	14.59	244	547741	76.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	34529	31.50	ng	95
3) Pyridine	2.51	79	110352	38.43	ng	96
4) n-Nitrosodimethylamine	2.45	42	41165m	37.24	ng	
6) Aniline	6.61	93	74130	17.21	ng	# 56
8) 2-Chlorophenol	6.75	128	119974	41.86	ng	99
10) Phenol	6.62	94	147895	40.63	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	110384	42.17	ng	98
12) 1,3-Dichlorobenzene	6.93	146	121862	38.70	ng	99
13) 1,4-Dichlorobenzene	7.04	146	128222	40.46	ng	98
14) 1,2-Dichlorobenzene	7.22	146	118383	39.84	ng	99
15) Benzyl Alcohol	7.22	79	91937	43.07	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.39	45	147614	42.27	ng	100
17) 2-Methylphenol	7.37	107	95365	42.85	ng	99
18) Hexachloroethane	7.64	117	42044	39.34	ng	95
19) n-Nitroso-di-n-propylamine	7.55	70	80557	40.19	ng	99
20) 3+4-Methylphenols	7.56	107	126844	42.73	ng	99
22) Acetophenone	7.54	105	161682	43.09	ng	98
24) Nitrobenzene	7.74	77	113479	40.86	ng	99
25) Isophorone	8.04	82	213773	42.40	ng	98
26) 2-Nitrophenol	8.13	139	58862	44.48	ng	97
27) 2,4-Dimethylphenol	8.21	122	111237	45.20	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	143069	44.25	ng	98
29) 2,4-Dichlorophenol	8.44	162	97833	43.70	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	102494	39.93	ng	98
31) Naphthalene	8.62	128	341364	40.73	ng	100
32) Benzoic acid	8.34	122	46381	41.03	ng	95
33) 4-Chloroaniline	8.70	127	59172	17.01	ng	99
34) Hexachlorobutadiene	8.77	225	56765	40.27	ng	95
35) Caprolactam	9.14	113	29457	44.08	ng	# 83
36) 4-Chloro-3-methylphenol	9.32	107	101108	44.76	ng	97
37) 2-Methylnaphthalene	9.48	142	241623	42.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	103866	42.64	ng	99
40) Hexachlorocyclopentadiene	9.68	237	93920	88.75	ng	98
42) 2,4,6-Trichlorophenol	9.84	196	67988	44.26	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	73626	45.87	nq	# 85
45) 1,1'-Biphenyl	10.06	154	286160	44.50	nq	100
46) 2-Chloronaphthalene	10.08	162	216970	42.88	nq	98
47) 2-Nitroaniline	10.21	65	58682	46.88	nq	97
48) Acenaphthylene	10.59	152	355199	43.48	nq	100
49) Dimethylphthalate	10.45	163	256683	43.46	nq	100
50) 2,6-Dinitrotoluene	10.53	165	57373	47.21	nq	94
51) Acenaphthene	10.80	154	200388	43.56	nq	99
52) 3-Nitroaniline	10.73	138	37657	27.25	nq	99
53) 2,4-Dinitrophenol	10.86	184	36040	77.48	nq	97
54) Dibenzofuran	11.01	168	321403	45.75	nq	100
55) 4-Nitrophenol	10.97	139	89655	87.84	nq	90
56) 2,4-Dinitrotoluene	11.02	165	79727	50.66	nq	99
57) Fluorene	11.44	166	252197	44.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	57718	48.51	nq	100
59) Diethylphthalate	11.33	149	260545	45.75	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	121672	46.44	nq	97
61) 4-Nitroaniline	11.48	138	57744	41.34	nq	96
62) Azobenzene	11.64	77	238821	45.95	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	27910	38.75	nq	96
65) n-Nitrosodiphenylamine	11.61	169	224888	42.49	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	70853	43.72	nq	99
67) Hexachlorobenzene	12.11	284	76819	43.26	nq	99
68) Atrazine	12.28	200	68823	44.89	nq	98
69) Pentachlorophenol	12.36	266	66066	83.52	nq	98
70) Phenanthrene	12.63	178	382460	43.21	nq	100
71) Anthracene	12.68	178	377475	43.28	nq	100
72) Carbazole	12.90	167	365939	44.77	nq	98
73) Di-n-butylphthalate	13.36	149	414827	44.80	nq	99
74) Fluoranthene	14.09	202	409901	43.91	nq	99
76) Benzidine	14.28	184	159639	25.76	nq	99
77) Pyrene	14.37	202	428360	42.40	nq	99
79) Butylbenzylphthalate	15.22	149	188378	48.92	nq	# 77
80) Benzo(a)anthracene	15.87	228	397879	41.55	nq	99
81) 3,3'-Dichlorobenzidine	15.86	252	59539	18.57	nq	# 98
82) Chrysene	15.92	228	374647	41.64	nq	100
83) Bis(2-ethylhexyl)phthalate	15.95	149	273367	45.27	nq	# 96
84) Di-n-octyl phthalate	16.79	149	469468	47.34	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.03	276	433436	42.46	nq	# 85
87) Benzo(b)fluoranthene	17.22	252	383970	41.36	nq	98
88) Benzo(k)fluoranthene	17.25	252	390603m	47.34	nq	
89) Benzo(a)pyrene	17.62	252	380018	46.90	nq	99
90) Dibenzo(a,h)anthracene	19.06	278	341770	42.13	nq	98
91) Benzo(q,h,i)perylene	19.41	276	355240	43.68	nq	96

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

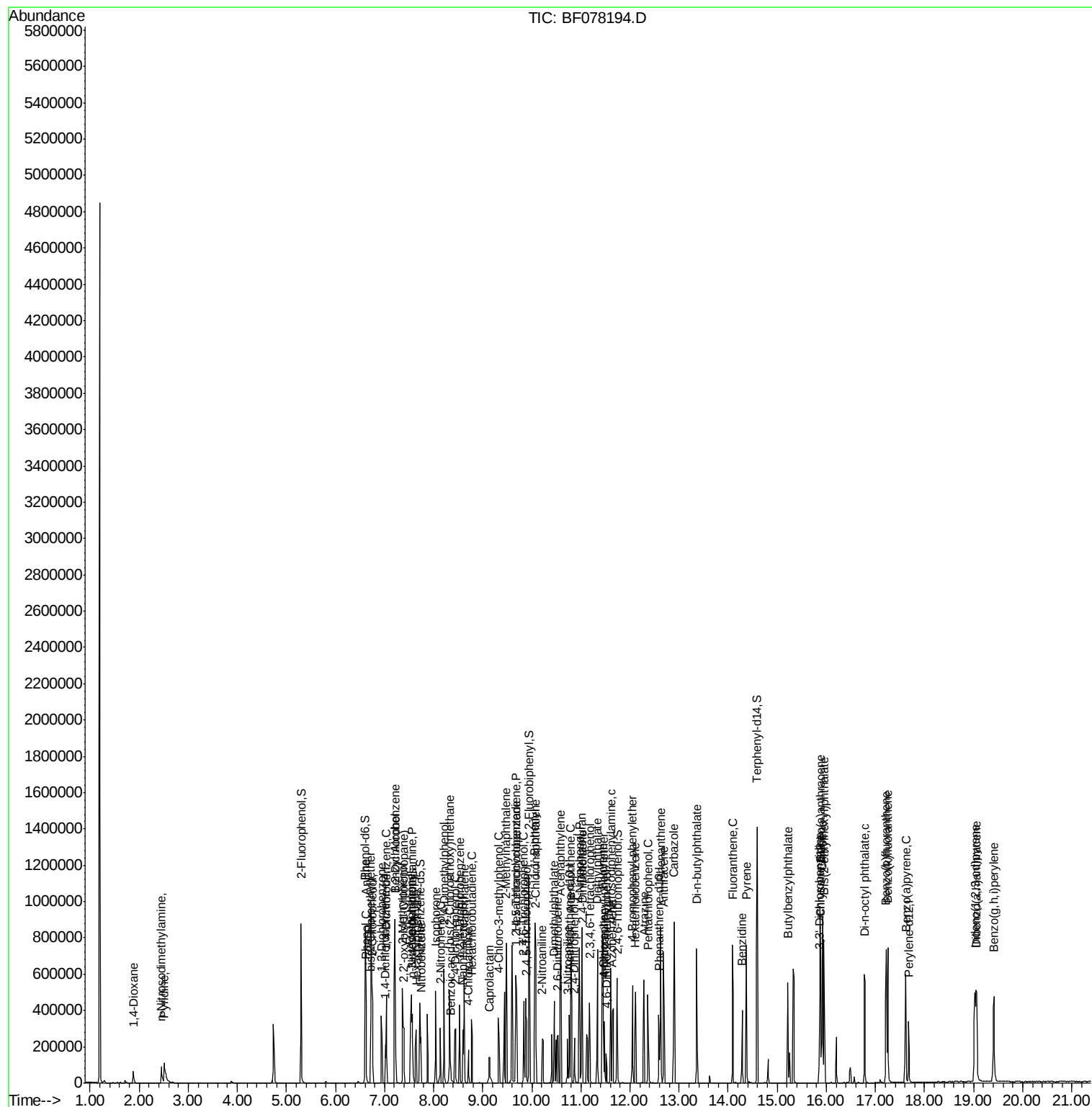
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
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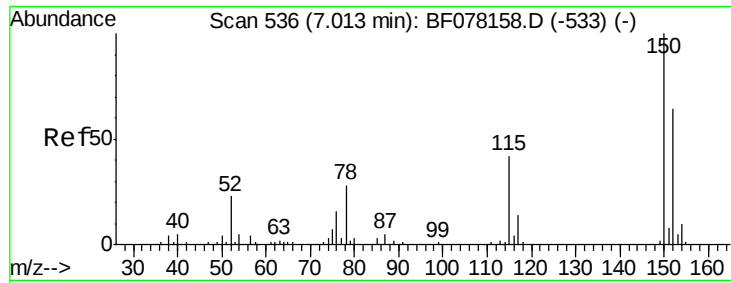
Instrument :
BNA_F
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#1

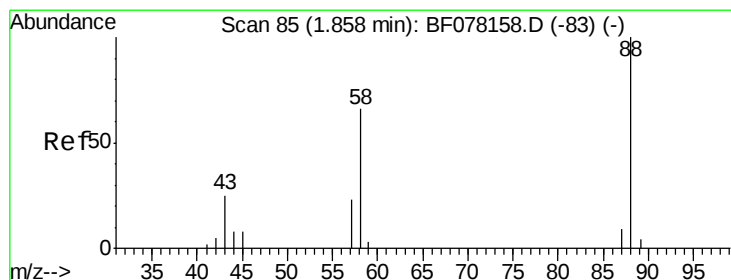
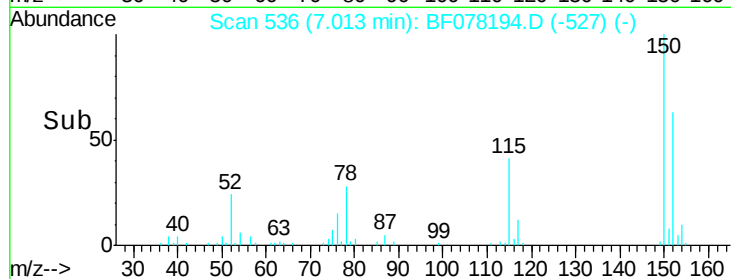
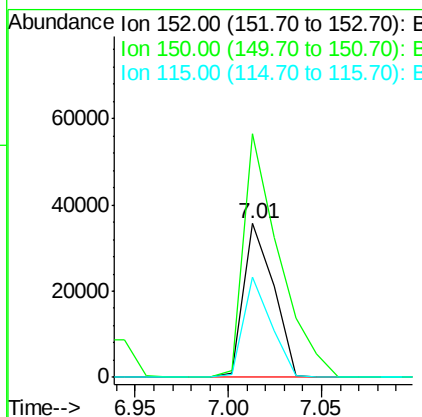
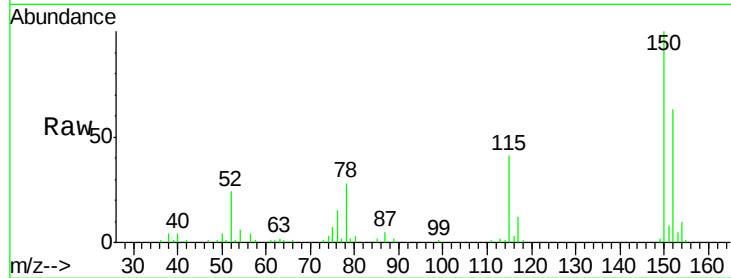
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.9	188.9
115	65.1	52.7	79.1

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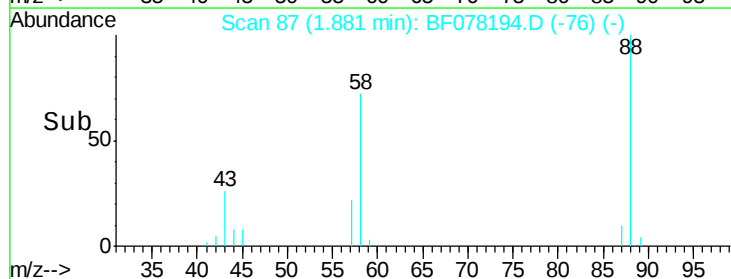
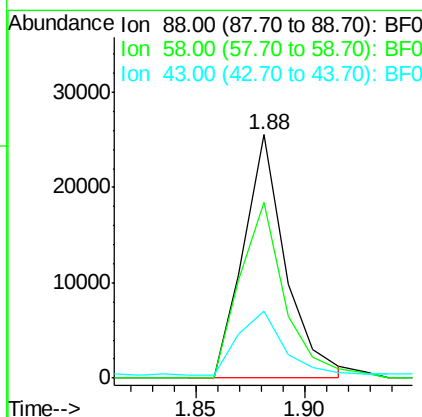
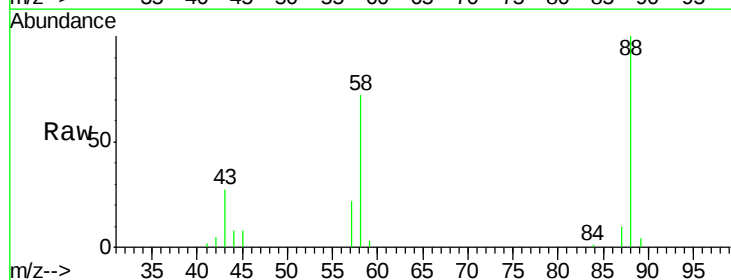
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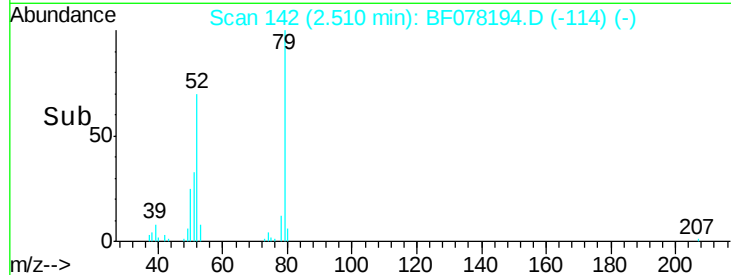
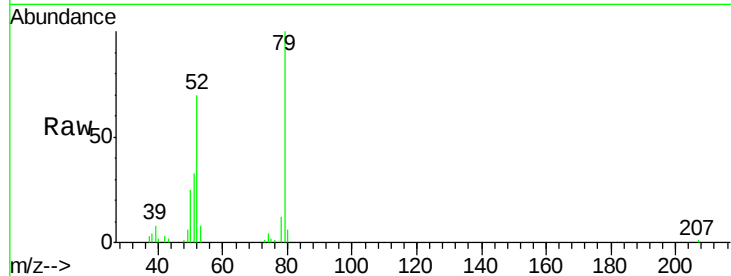
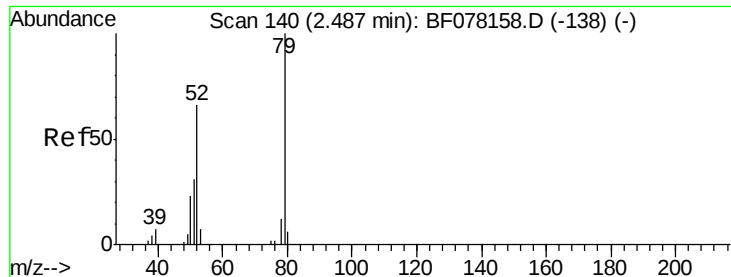


#2

1,4-Dioxane
Concen: 31.50 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	56.9	85.3
43	27.9	21.4	32.2





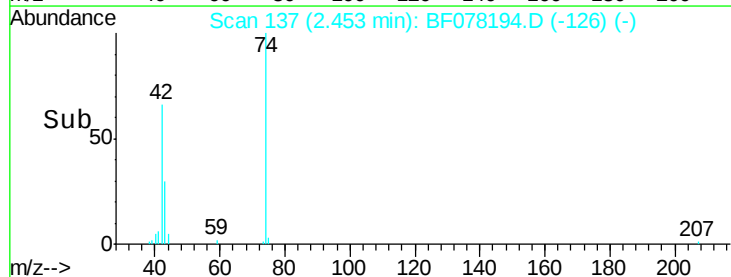
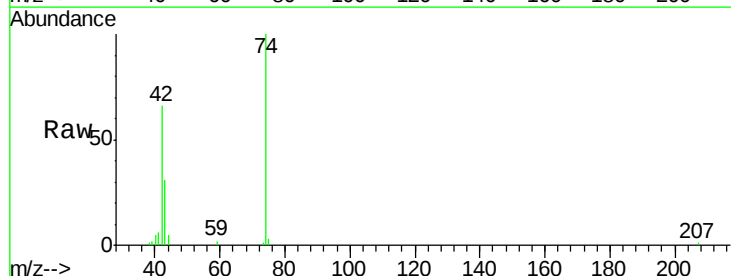
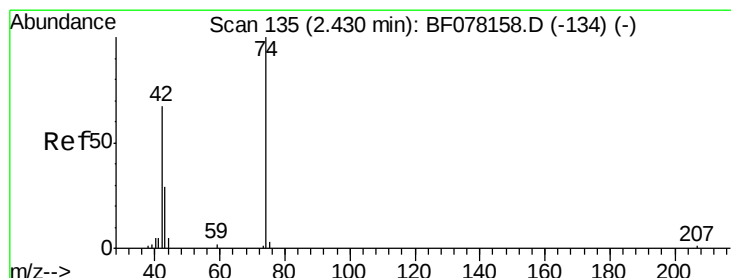
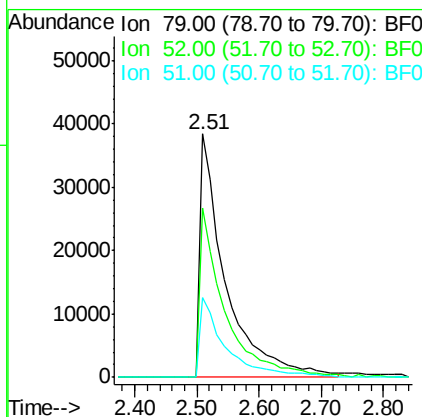
#3
 Pvridine
 Concen: 38.43 ng
 RT: 2.51 min Scan# 142
 Delta R.T. 0.02 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tot Ion:	79	Resp:	110352
Ion Ratio	Lower	Upper	
79	100		
52	69.6	52.4	78.6
51	32.7	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

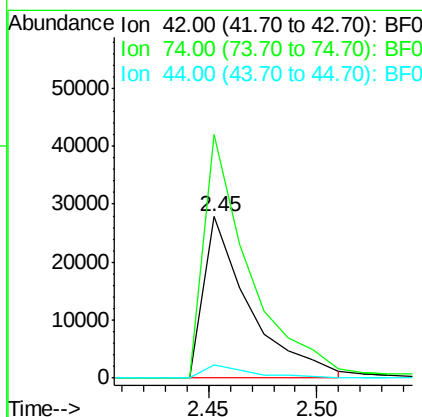
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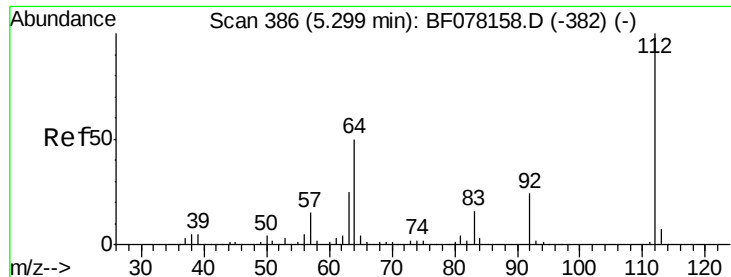
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#4
 n-Nitrosodimethylamine
 Concen: 37.24 ng m
 RT: 2.45 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion:	42	Resp:	41165
Ion Ratio	Lower	Upper	
42	100		
74	150.9	118.7	178.1
44	7.9	5.9	8.9





#5

2-Fluorophenol

Concen: 121.84 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

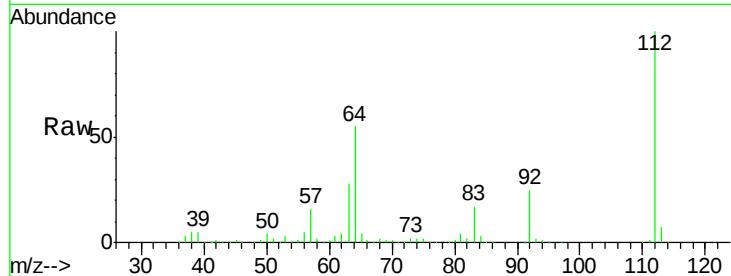
ClientSampleId :

PB82450BS

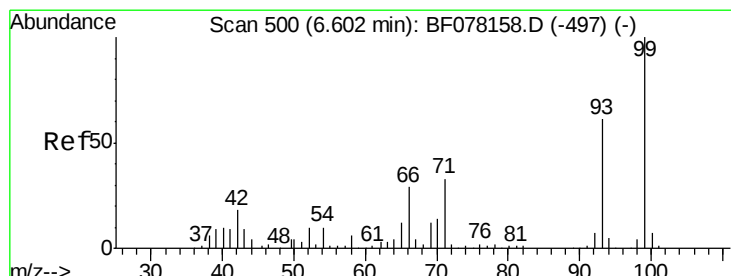
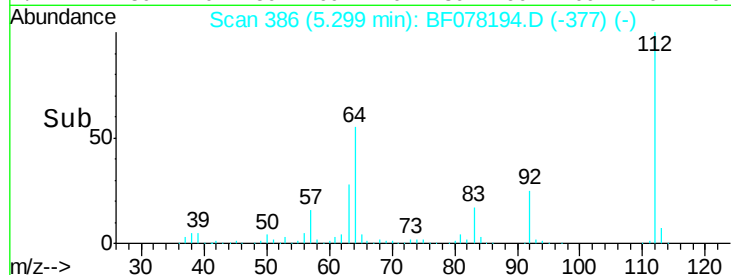
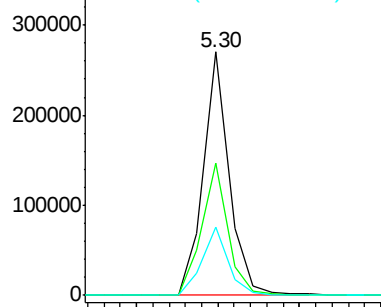
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.5	39.9	59.9
63	28.3	20.2	30.4

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 17.21 ng

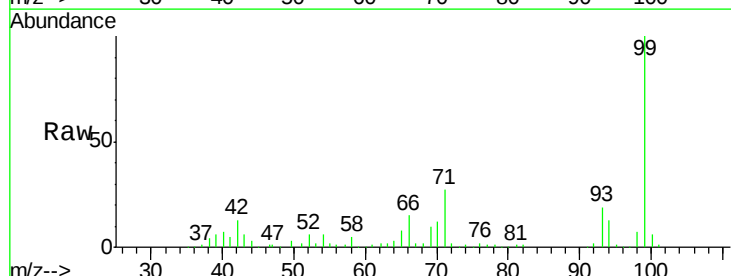
RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

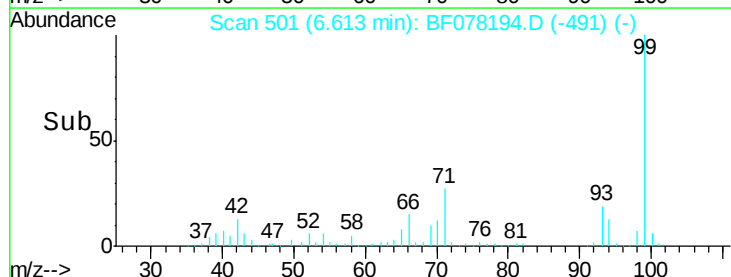
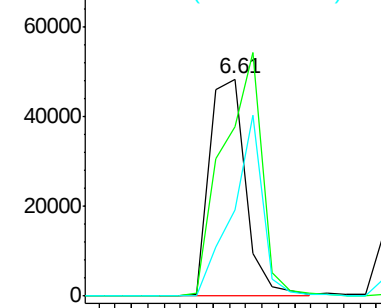
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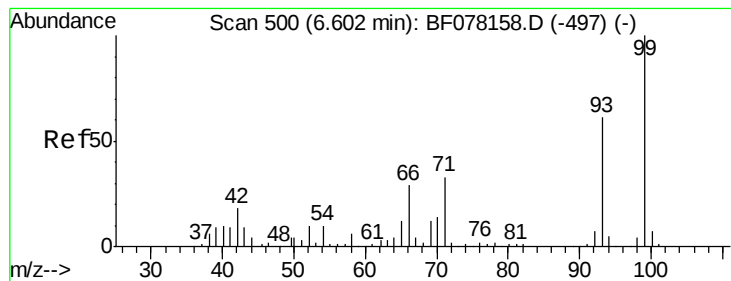
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	78.1	38.0	57.0#
65	39.6	16.3	24.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.65 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

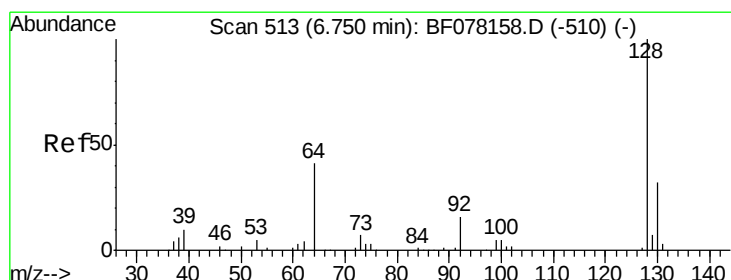
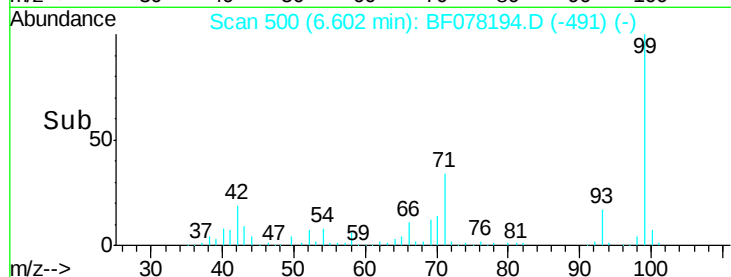
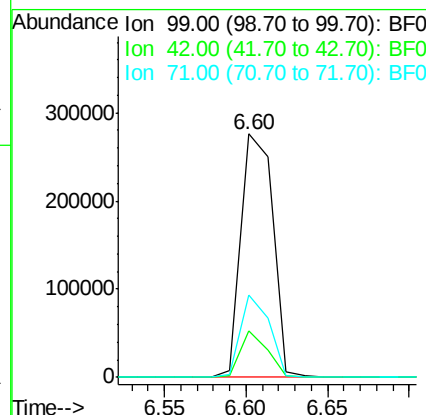
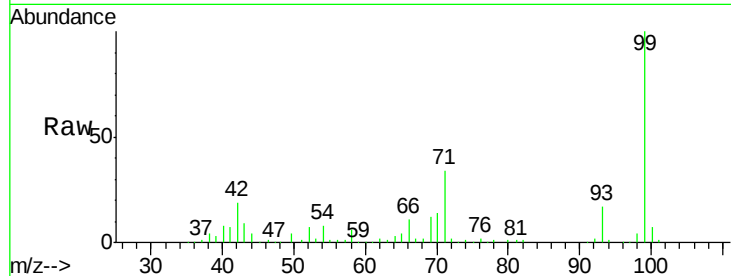
ClientSampleId :

PB82450BS

Tot Ion:	99	Resp:	372612
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.8	22.2
71	33.6	26.6	39.8

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#8

2-Chlorophenol

Concen: 41.86 ng

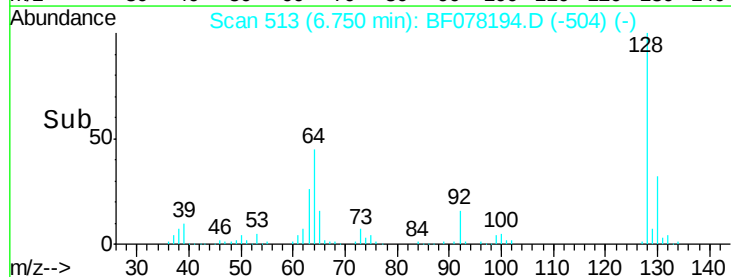
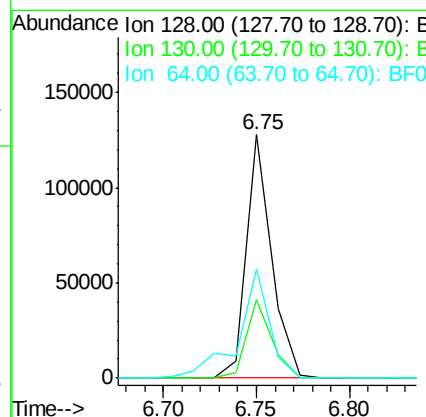
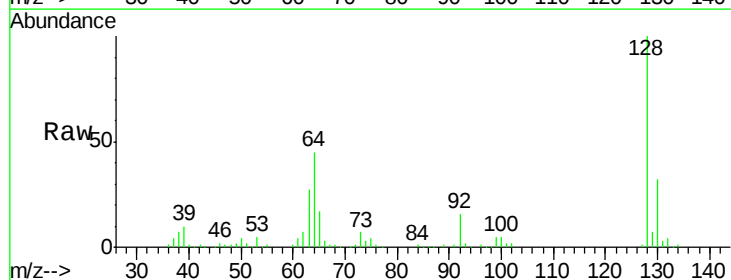
RT: 6.75 min Scan# 513

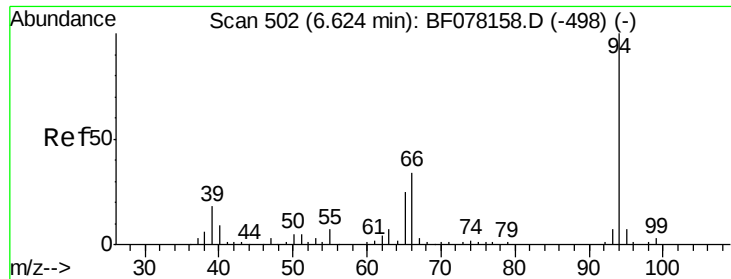
Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:	128	Resp:	119974
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.3	52.3
64	44.7	23.8	63.8





#10

Phenol

Concen: 40.63 ng

RT: 6.62 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

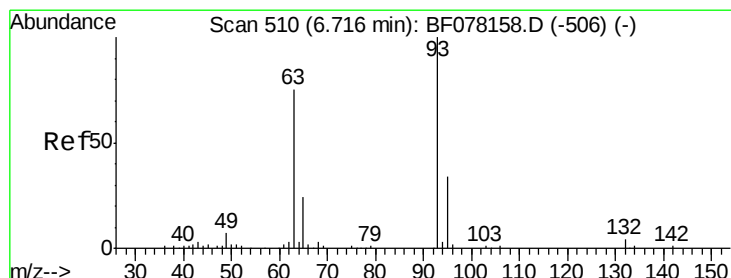
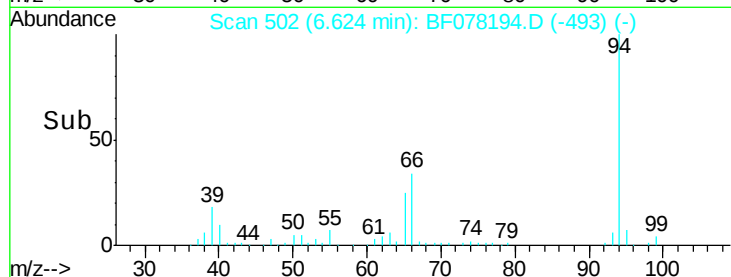
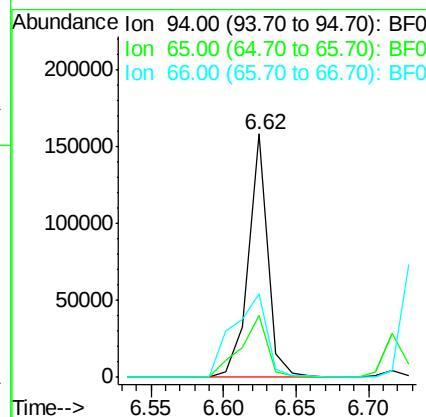
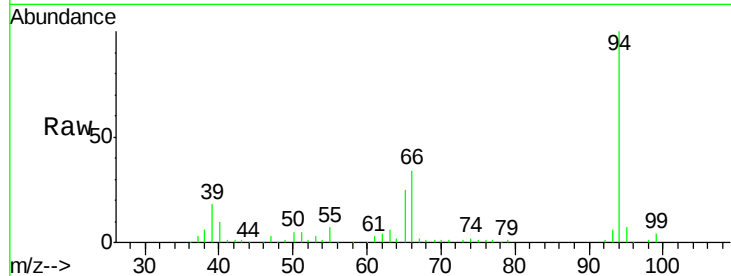
ClientSampleId :

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Tot Ion:	94	Resp:	147895
Ion	Ratio	Lower	Upper
94	100		
65	25.5	4.9	44.9
66	34.2	13.8	53.8

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#11

bis(2-Chloroethyl)ether

Concen: 42.17 ng

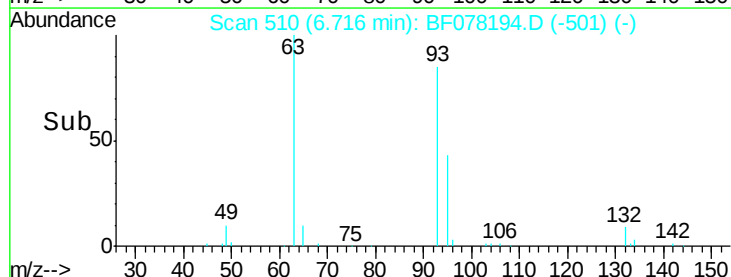
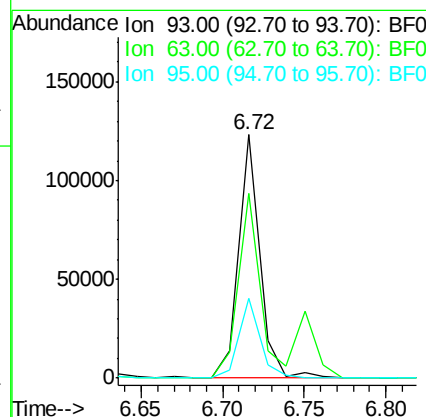
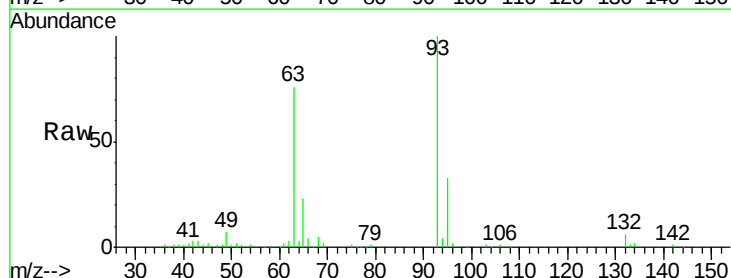
RT: 6.72 min Scan# 510

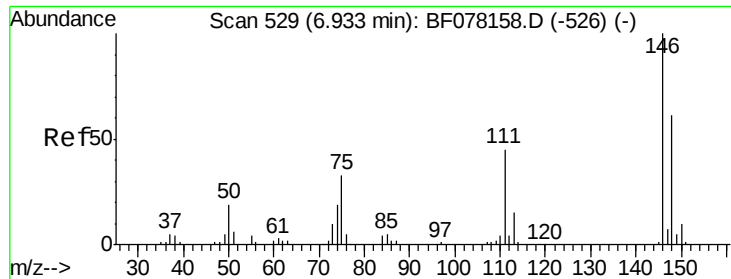
Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:	93	Resp:	110384
Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.6	94.6
95	32.5	13.6	53.6





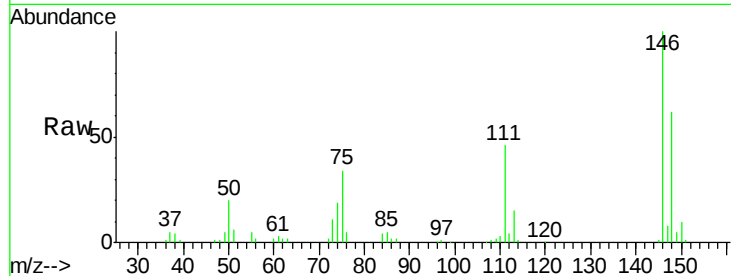
#12
 1,3-Dichlorobenzene
 Concen: 38.70 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

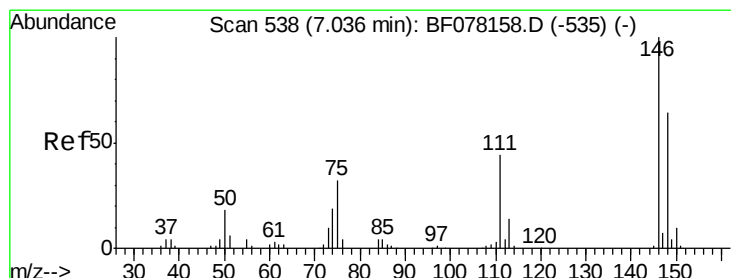
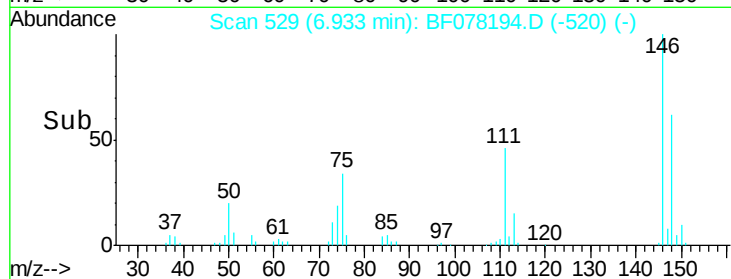
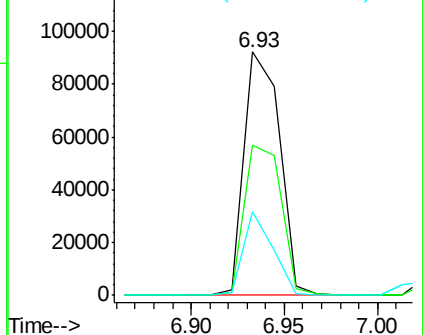
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.1	73.7
75	34.1	26.6	40.0

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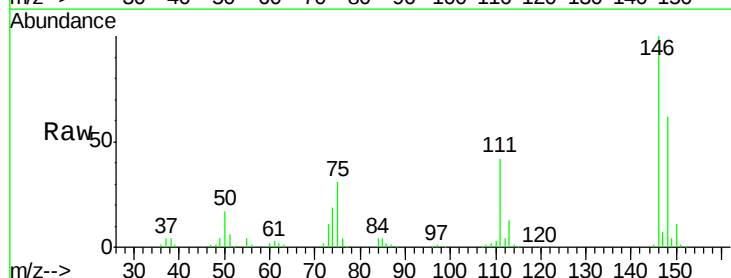


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

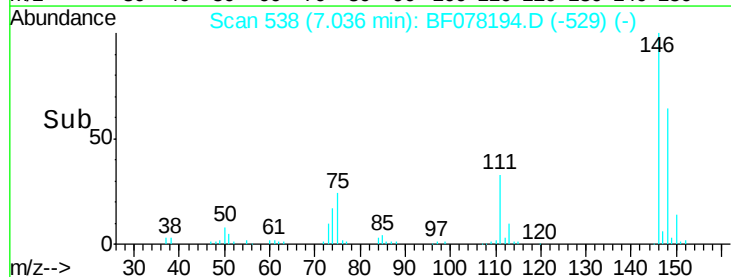
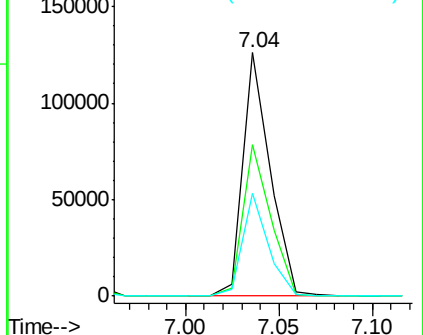


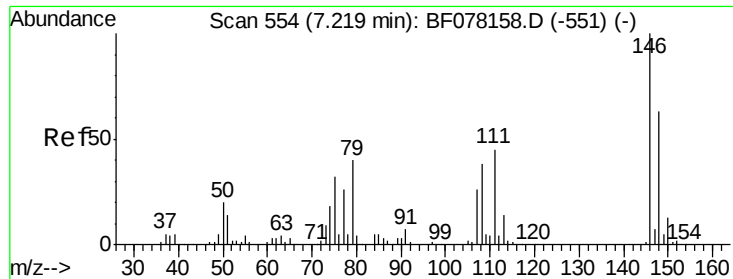
#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
111	42.2	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





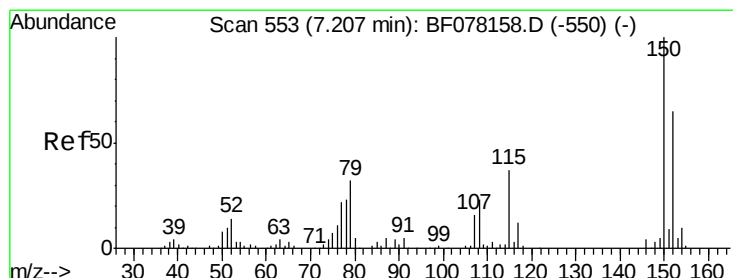
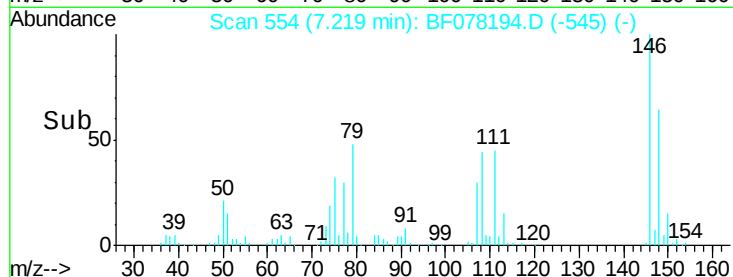
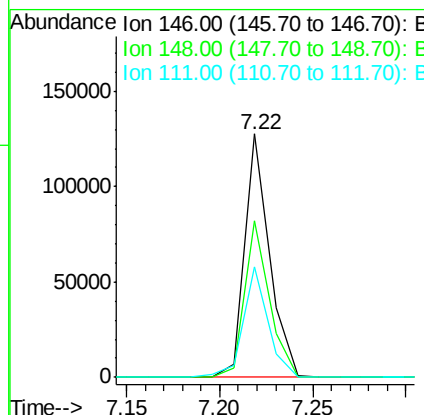
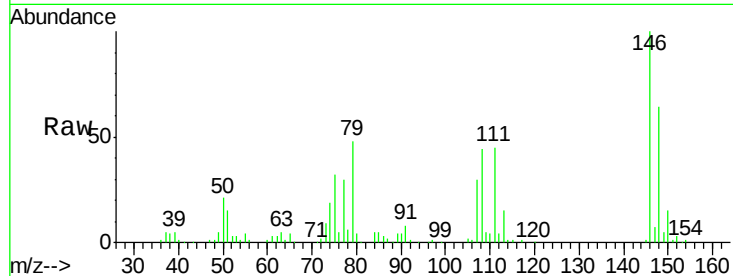
#14
 1,2-Dichlorobenzene
 Concen: 39.84 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.4
111	45.2	36.1	54.1

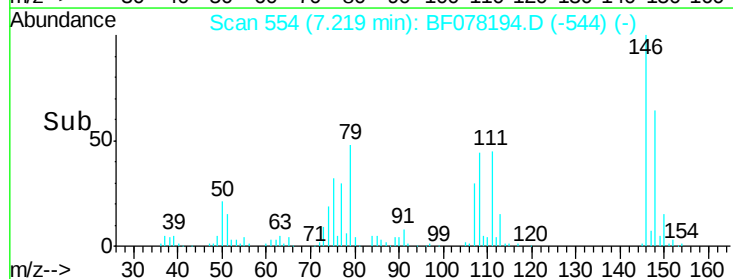
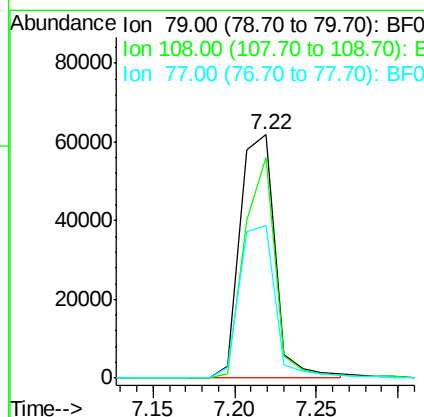
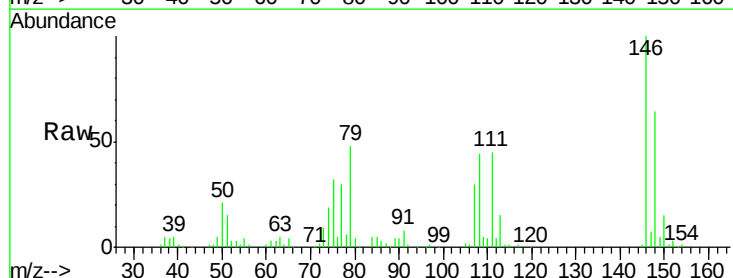
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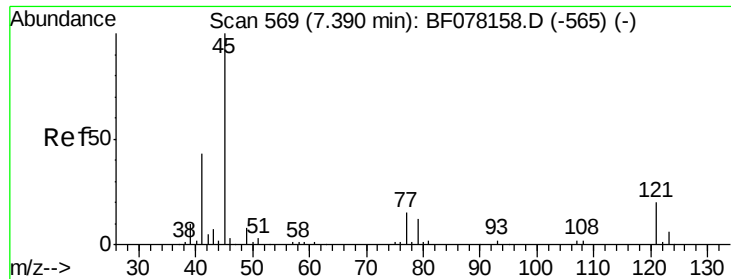
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#15
 Benzyl Alcohol
 Concen: 43.07 ng
 RT: 7.22 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
79	100		
108	90.5	57.6	86.4
77	62.8	53.5	80.3





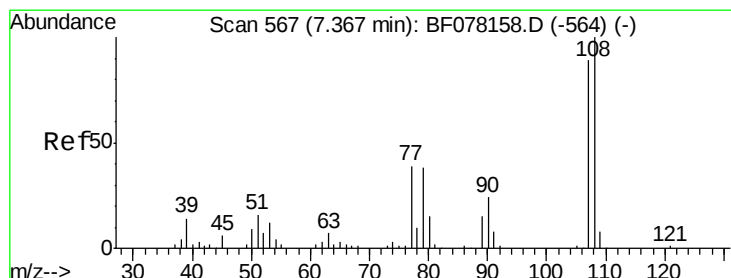
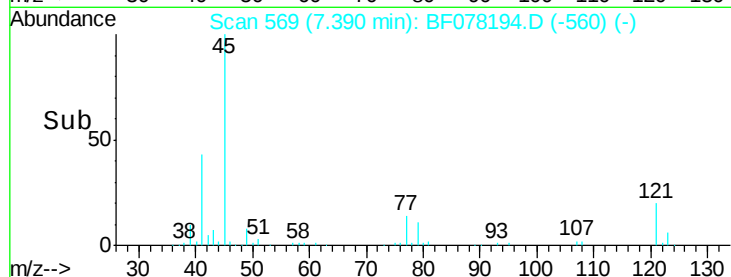
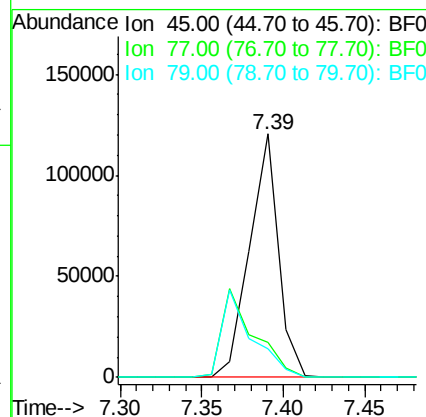
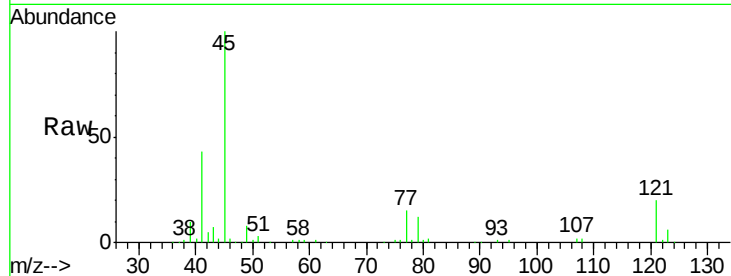
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.27 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	147614		
77	14.6	0.0	34.5	
79	11.7	0.0	31.9	

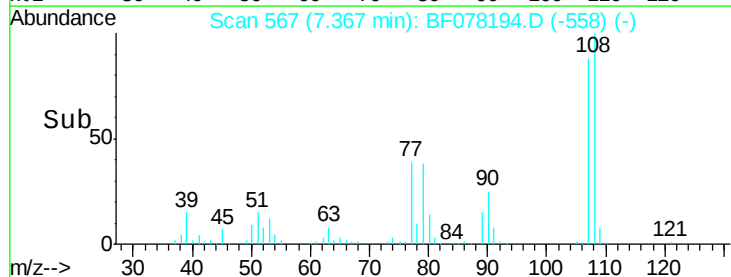
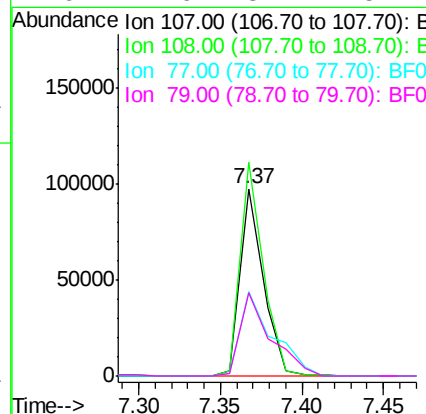
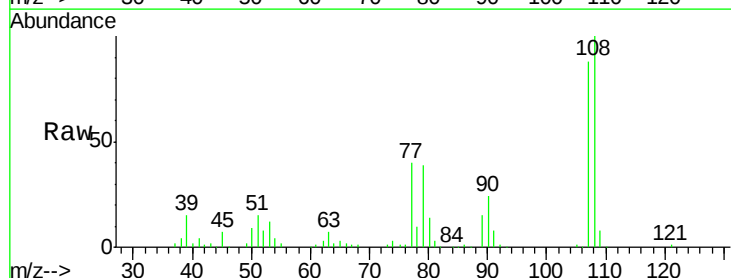
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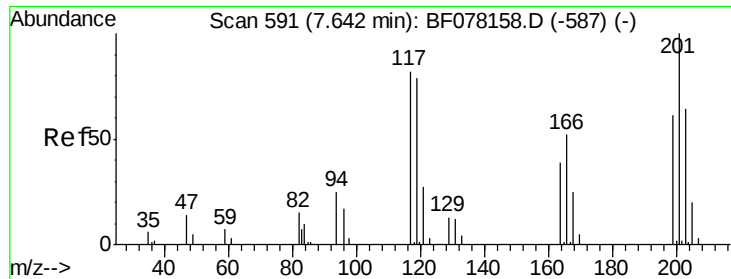
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#17
2-Methylphenol
Concen: 42.85 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	95365		
108	114.1	90.3	135.5	
77	45.2	35.5	53.3	
79	44.6	34.2	51.4	





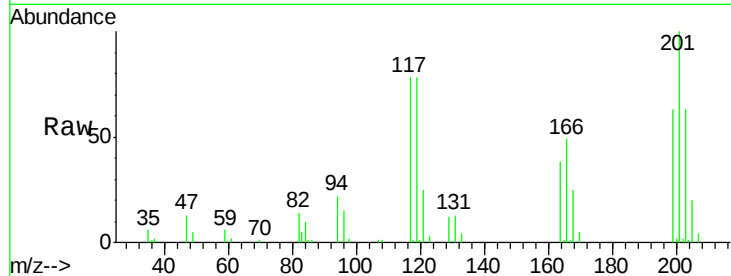
#18
Hexachloroethane
Concen: 39.34 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.0	115.6
201	128.2	98.1	147.1

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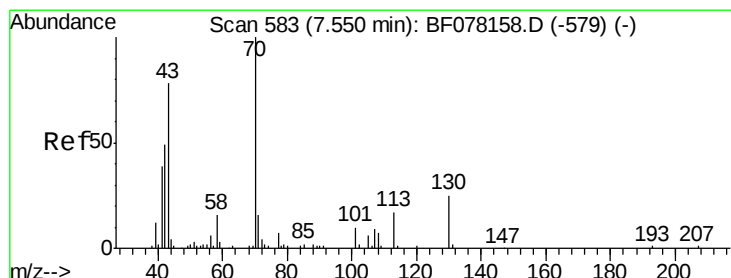
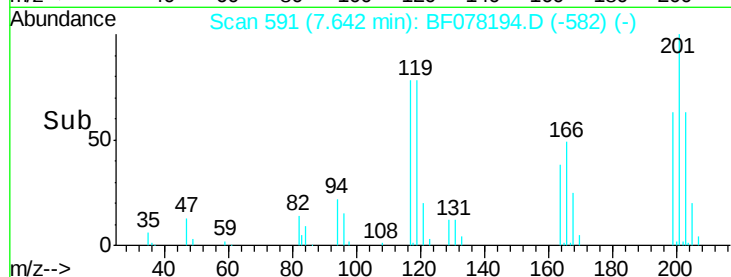
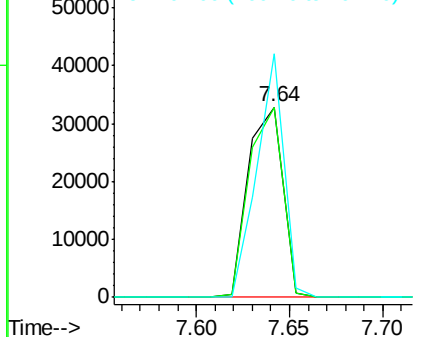


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 40.19 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.7	38.9	58.3
101	10.0	8.3	12.5
130	24.9	19.8	29.8

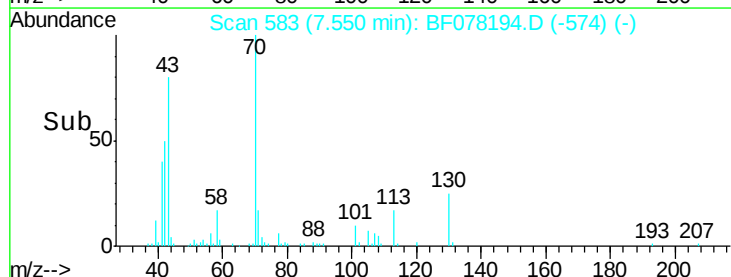
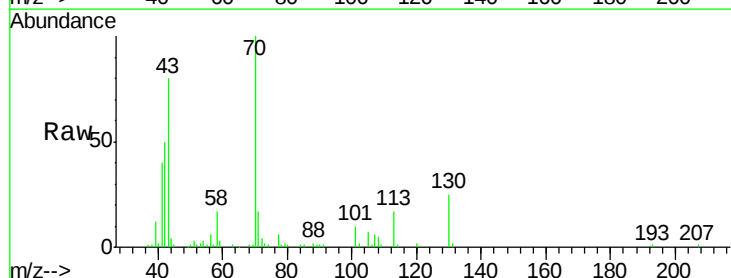
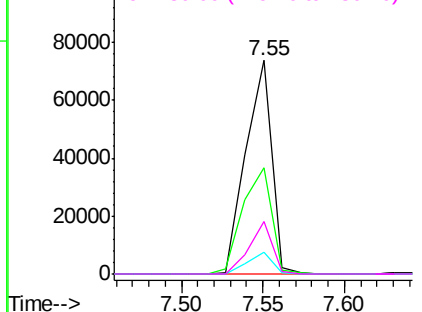
Abundance

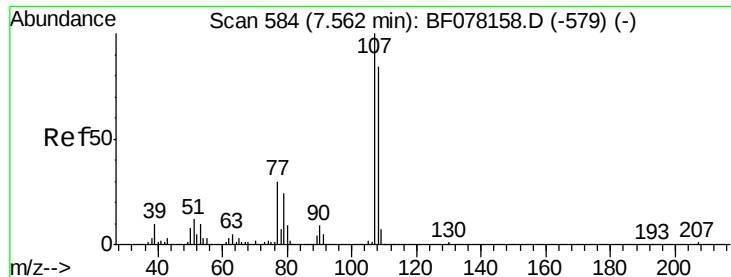
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.73 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

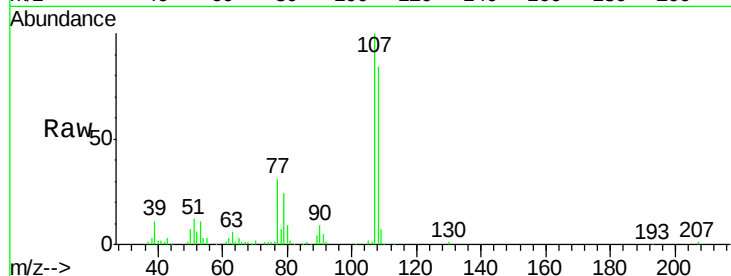
ClientSampleId :

PB82450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	126844		
108	108	83.5	64.4	104.4	
77	77	30.9	9.7	49.7	
79	79	24.3	4.0	44.0	

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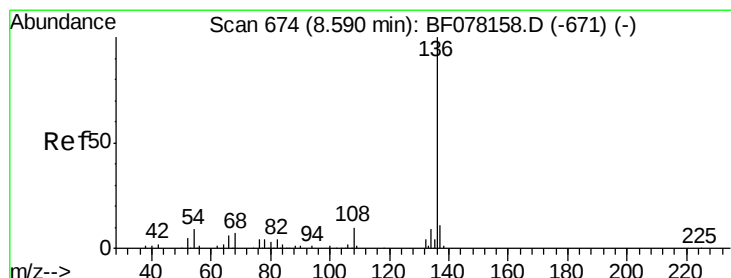
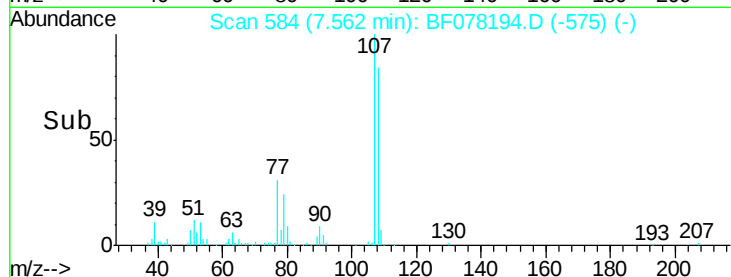
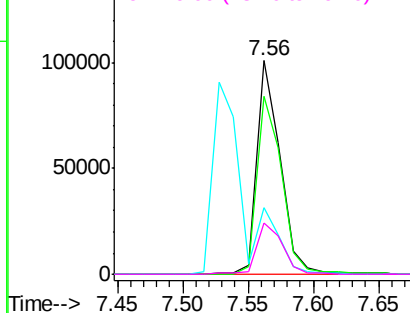
Abundance

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: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	161023		
137	137	11.3	9.0	13.4	
54	54	8.9	7.0	10.6	
68	68	6.6	5.4	8.2	

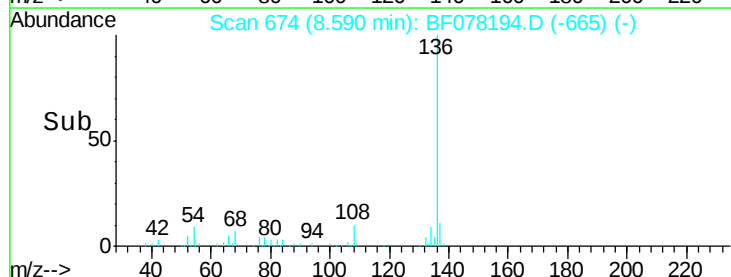
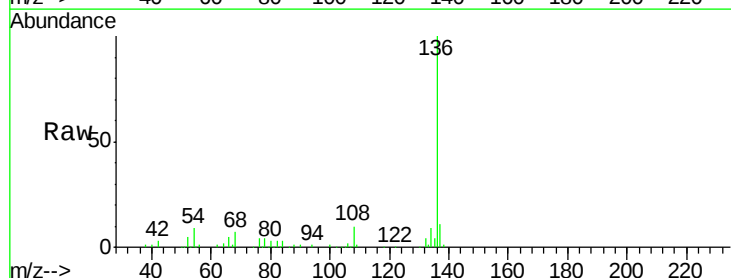
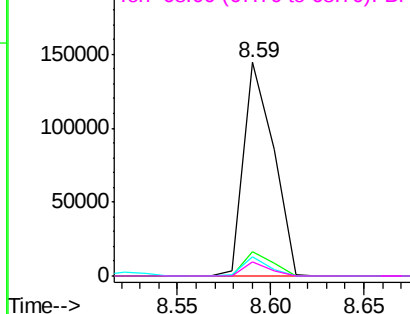
Abundance

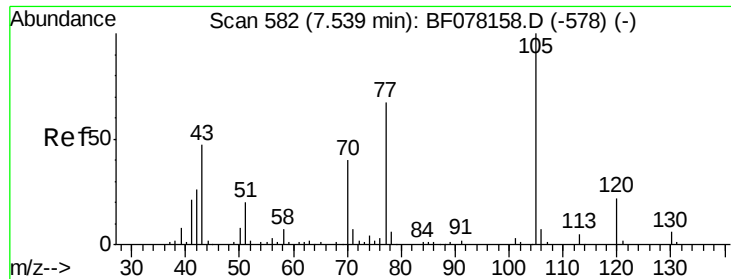
Ion 136.00 (135.70 to 136.70): E

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: 43.09 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF078194.D

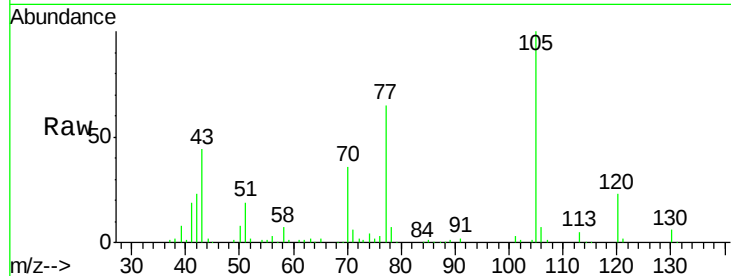
Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

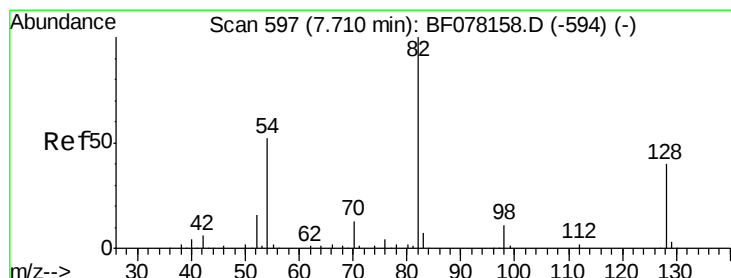
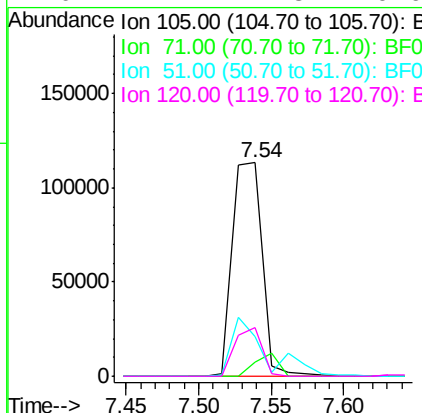
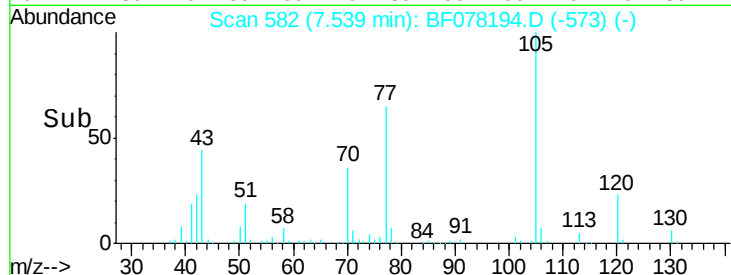
PB82450BS



Tot Ion:	105	Resp:	161682
Ion Ratio	Lower	Upper	
105	100		
71	6.3	5.5	8.3
51	18.9	16.0	24.0
120	22.7	17.8	26.6

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#23

Nitrobenzene-d5

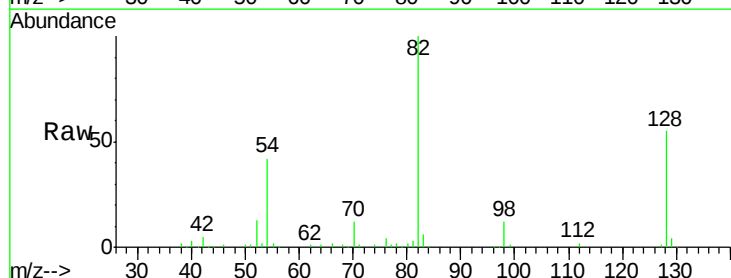
Concen: 80.46 ng

RT: 7.72 min Scan# 598

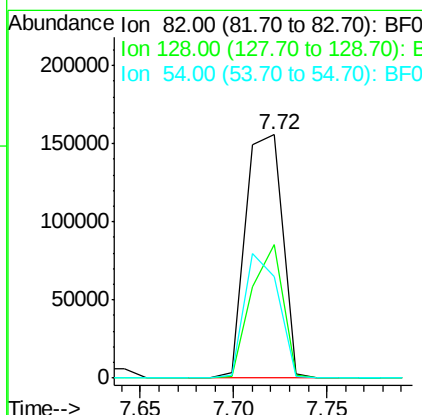
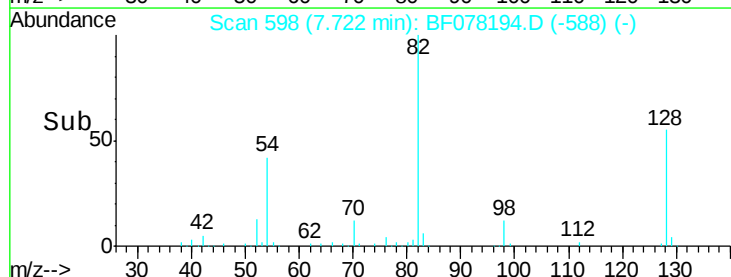
Delta R.T. 0.01 min

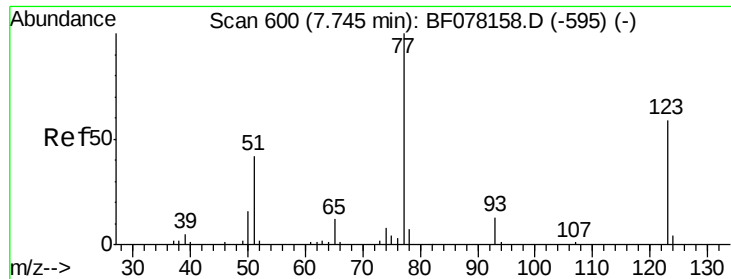
Lab File: BF078194.D

Acq: 2 Apr 2015 12:15



Tgt Ion:	82	Resp:	213743
Ion Ratio	Lower	Upper	
82	100		
128	54.6	31.8	47.8#
54	41.9	41.5	62.3





#24

Nitrobenzene

Concen: 40.86 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

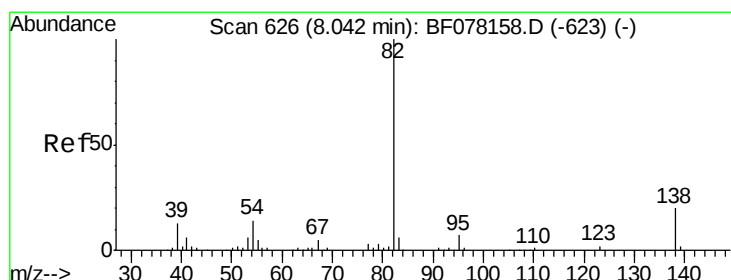
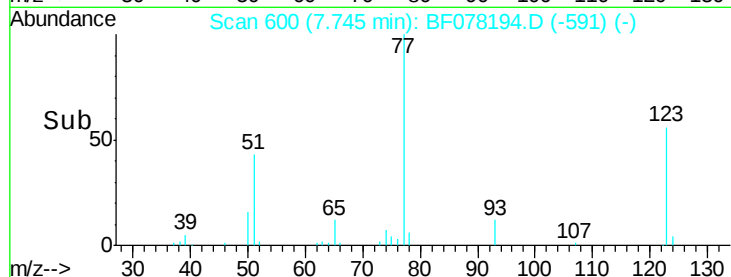
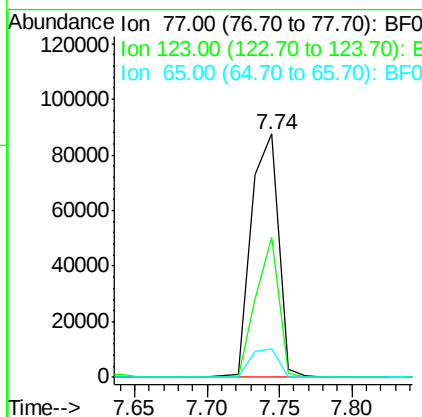
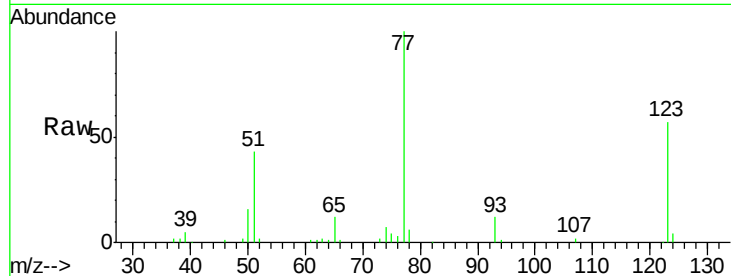
ClientSampleId :

PB82450BS

Tot Ion:	77	Resp:	113479
Ion Ratio	Lower	Upper	
77	100		
123	57.3	46.9	70.3
65	11.9	9.5	14.3

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#25

Isophorone

Concen: 42.40 ng

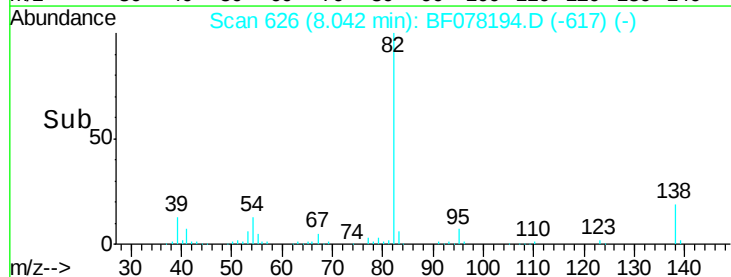
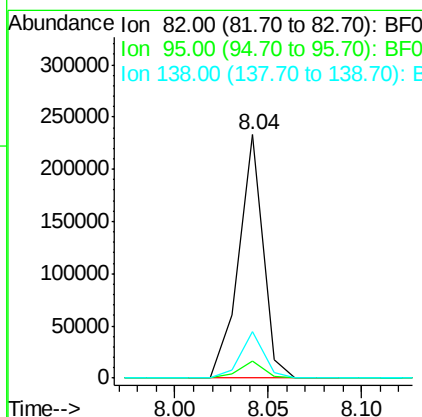
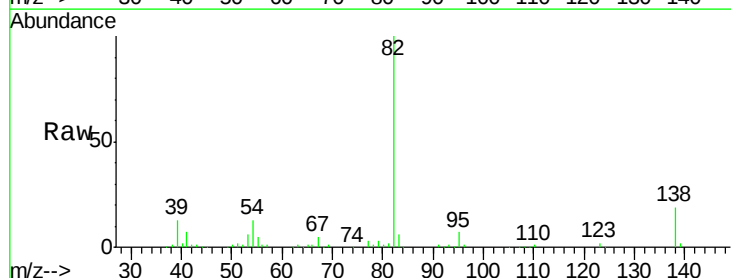
RT: 8.04 min Scan# 626

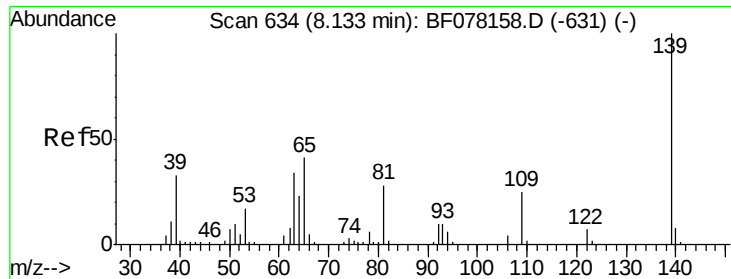
Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:	82	Resp:	213773
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.7	8.5
138	19.0	15.8	23.8





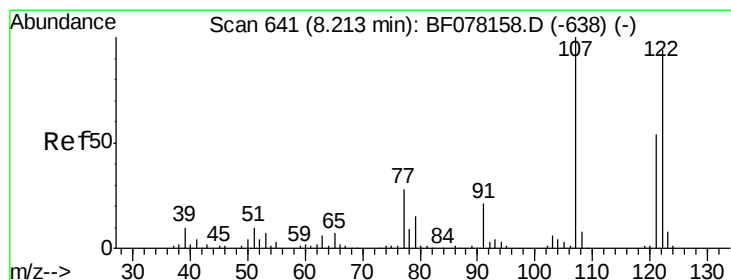
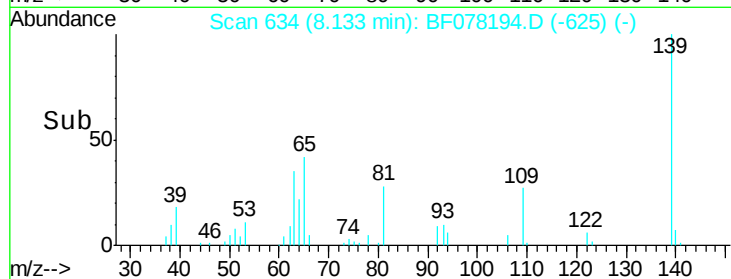
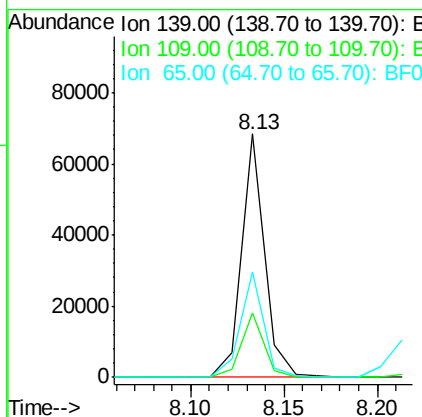
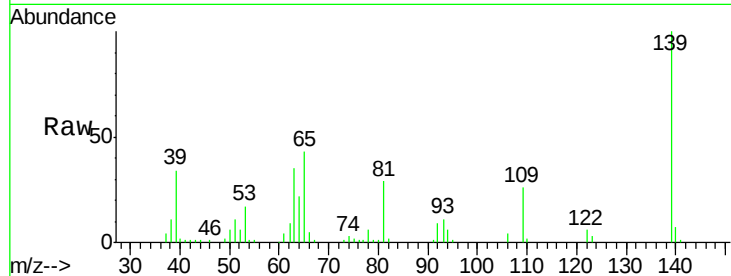
#26
 2-Nitrophenol
 Concen: 44.48 ng
 RT: 8.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	58862		
109	26.3	19.8	29.8	
65	43.1	32.7	49.1	

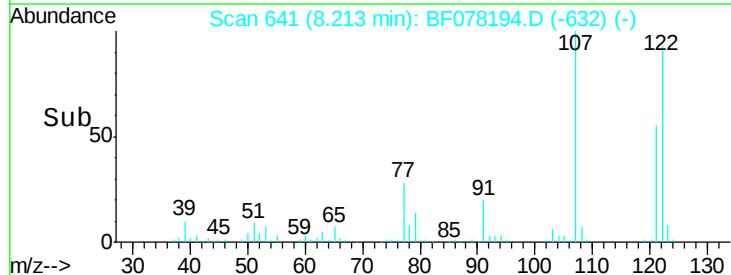
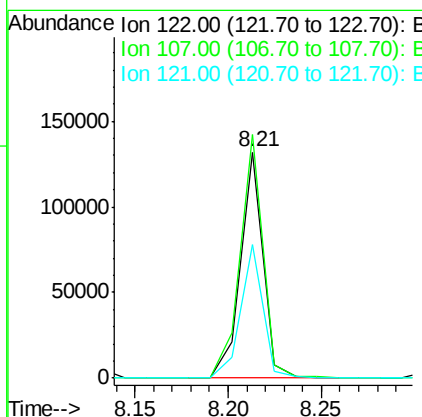
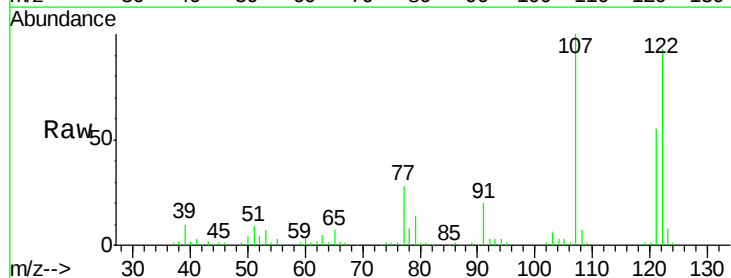
Manual Integrations
 APPROVED

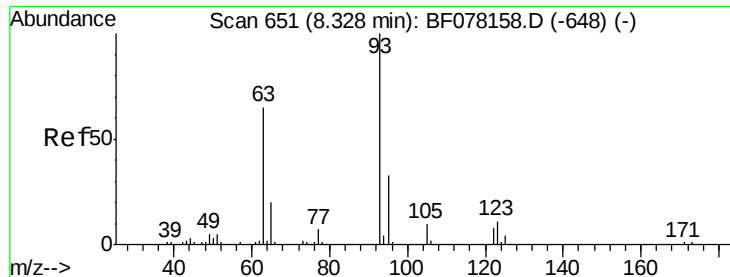
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#27
 2,4-Dimethylphenol
 Concen: 45.20 ng
 RT: 8.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111237		
107	107.7	84.6	127.0	
121	59.2	46.0	69.0	





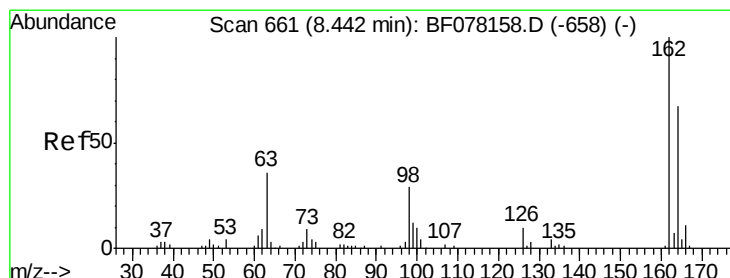
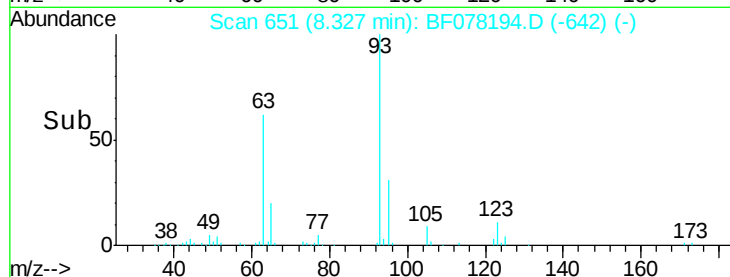
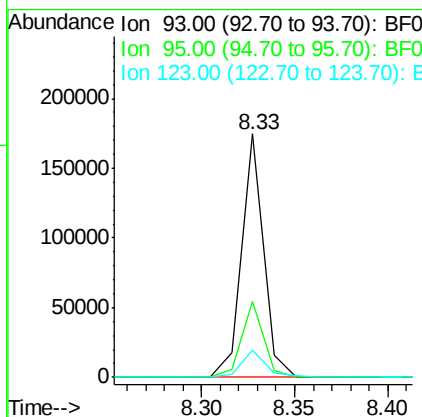
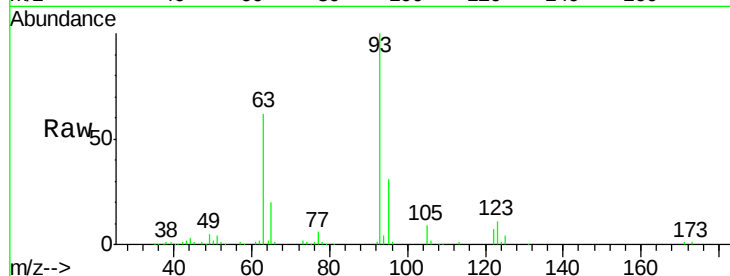
#28
bis(2-Chloroethoxy)methane
Concen: 44.25 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
95	31.4	26.3	39.5
123	11.4	9.1	13.7

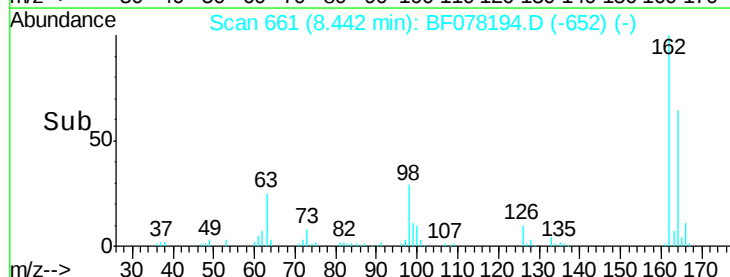
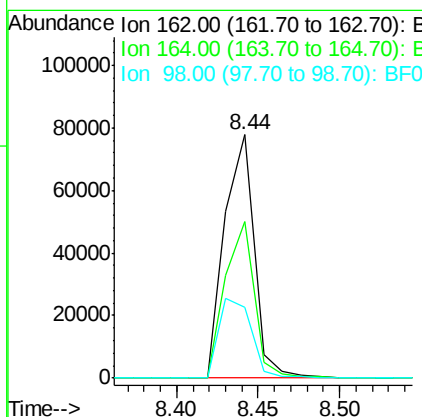
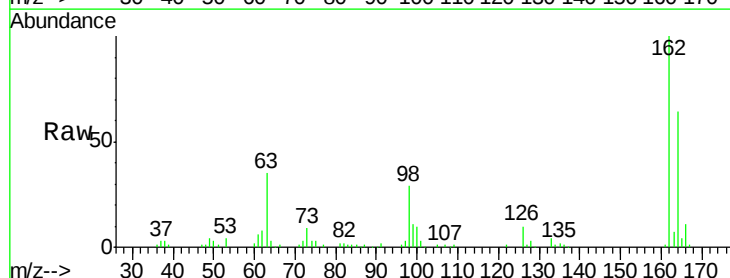
Manual Integrations
APPROVED

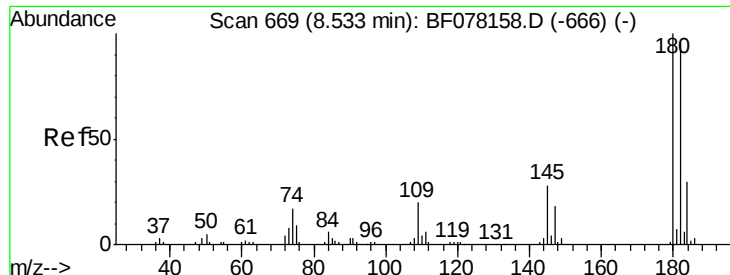
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#29
2,4-Dichlorophenol
Concen: 43.70 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	47.0	87.0
98	29.1	9.2	49.2





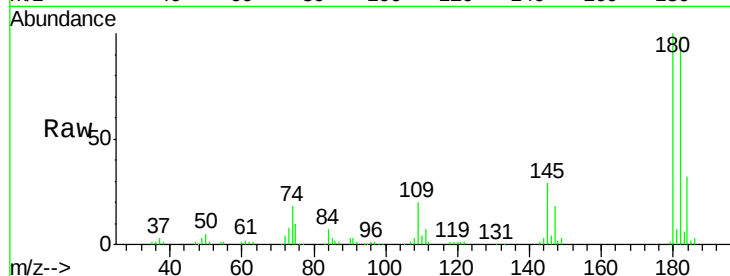
#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

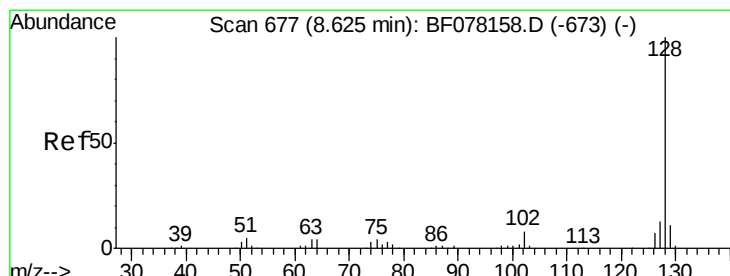
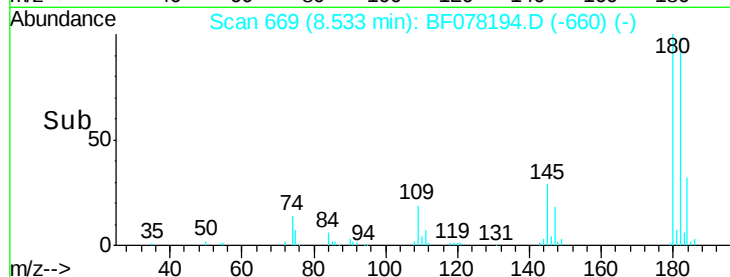
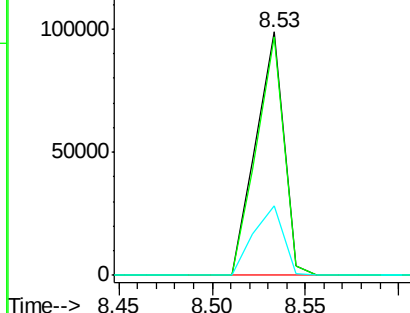
Tot Ion	Ratio	Resp	Lower	Upper
180	100	102494		
182	97.9	76.9	115.3	
145	28.6	22.5	33.7	

Manual Integrations
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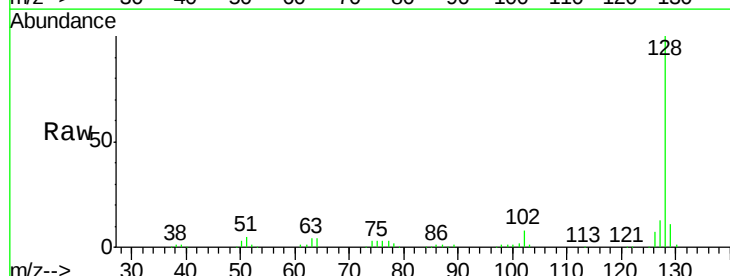


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

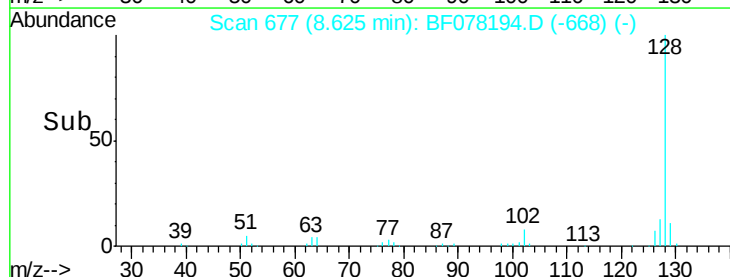
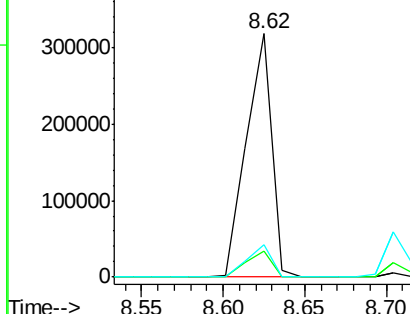


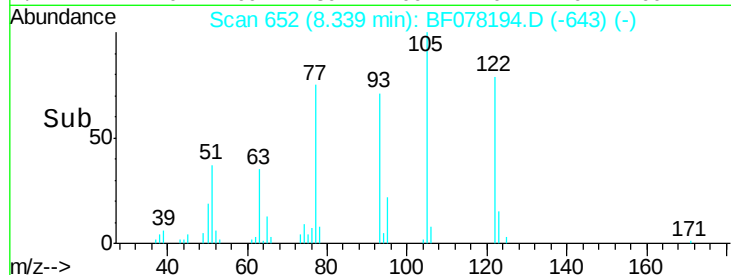
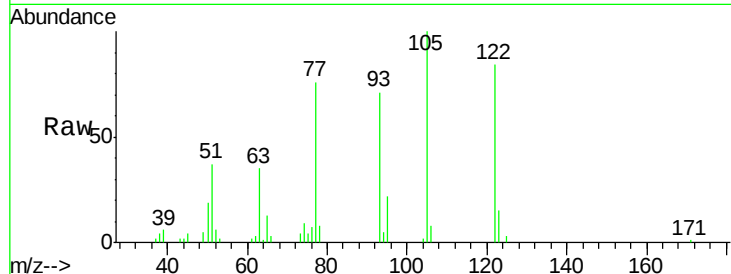
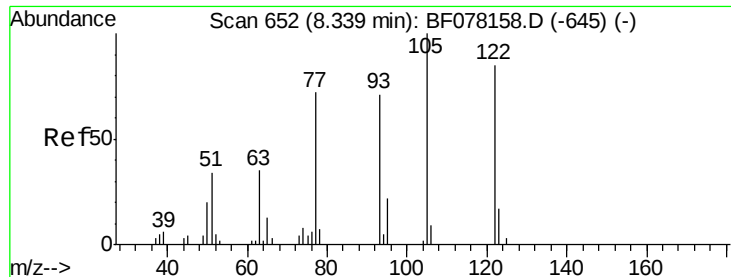
#31
 Naphthalene
 Concen: 40.73 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	341364		
129	10.9	8.6	12.8	
127	13.2	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





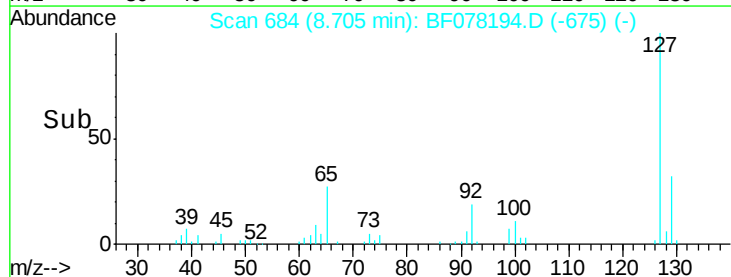
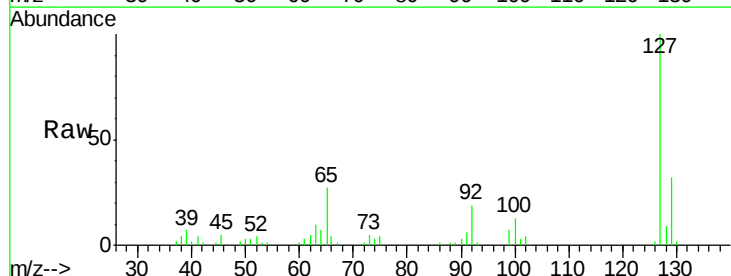
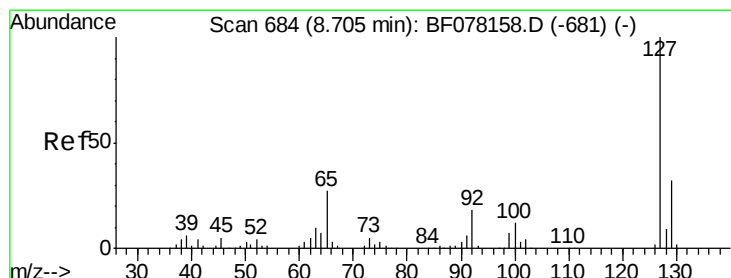
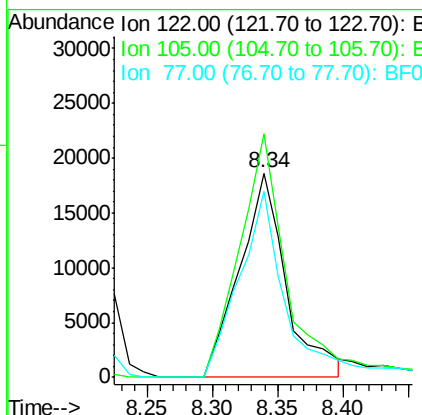
#32
Benzoic acid
Concen: 41.03 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tot Ion:	122	Resp:	46381
Ion Ratio	Lower	Upper	
122	100		
105	119.0	96.1	136.1
77	90.9	64.1	104.1

Instrument :
BNA_F
ClientSampleId :
PB82450BS

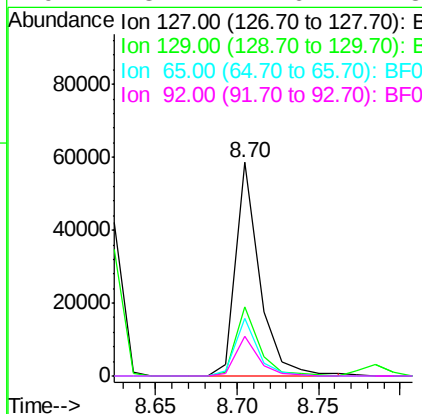
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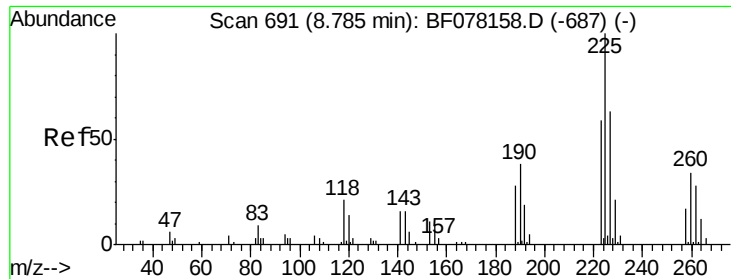
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#33
4-Chloroaniline
Concen: 17.01 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion:	127	Resp:	59172
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.5	38.3
65	27.1	21.7	32.5
92	18.7	14.6	21.8





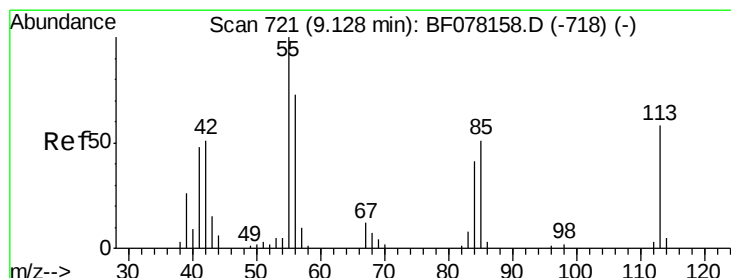
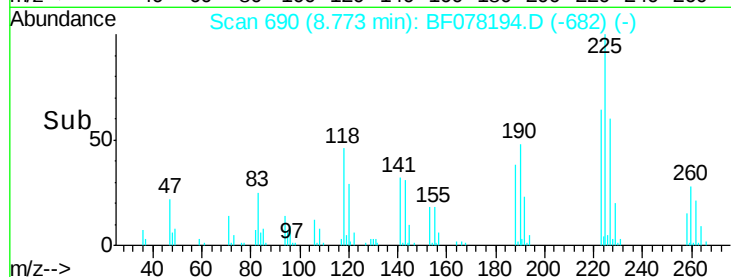
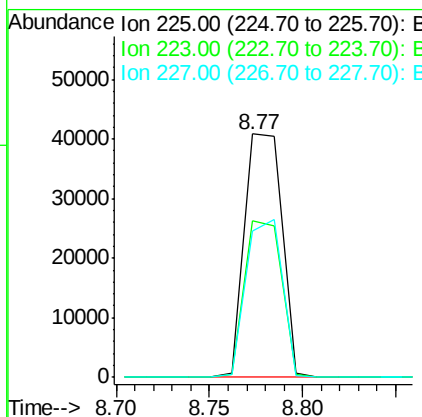
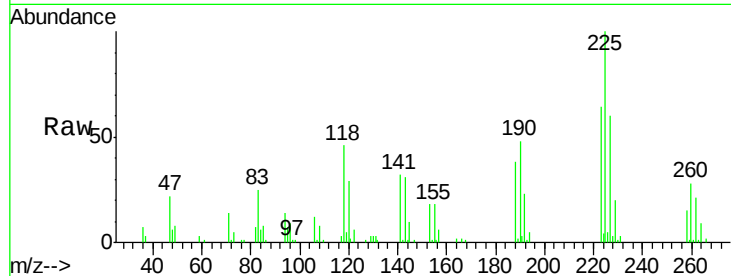
#34
Hexachlorobutadiene
Concen: 40.27 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	56765		
223	64.2		47.5	71.3
227	60.2		50.2	75.2

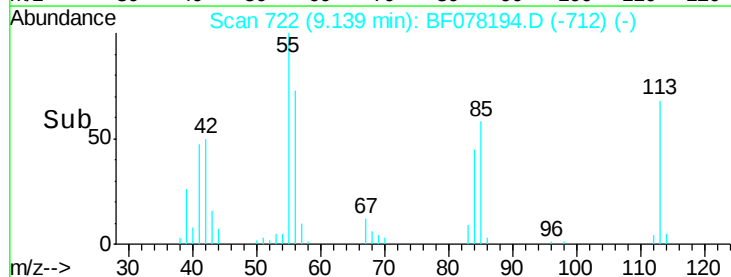
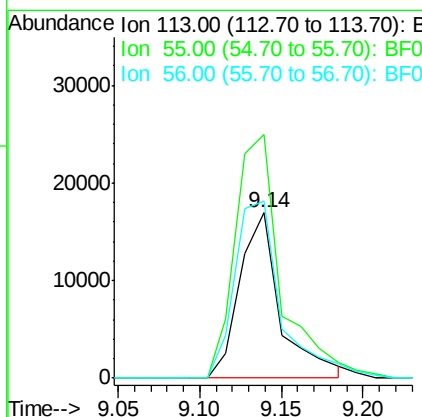
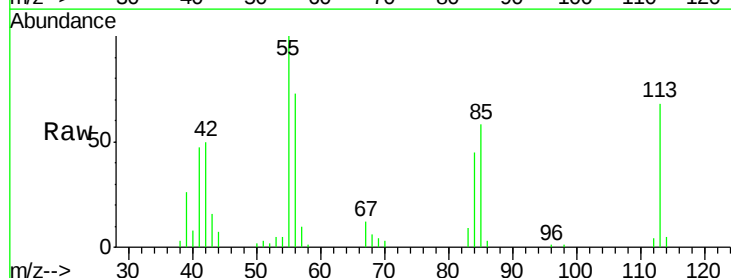
Manual Integrations
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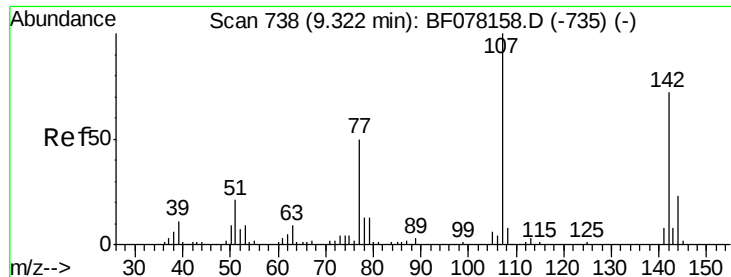
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#35
Caprolactam
Concen: 44.08 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	29457		
55	147.6		151.9	191.9#
56	107.1		106.1	146.1





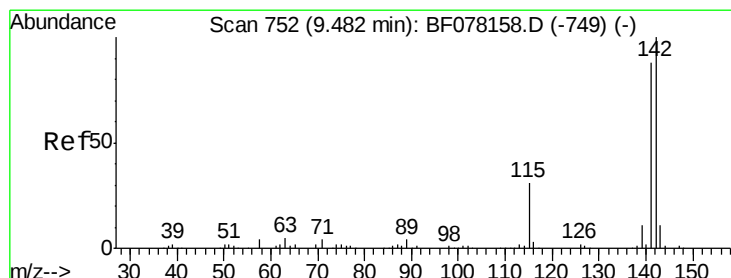
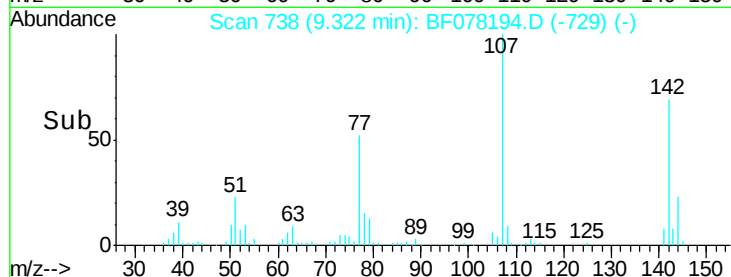
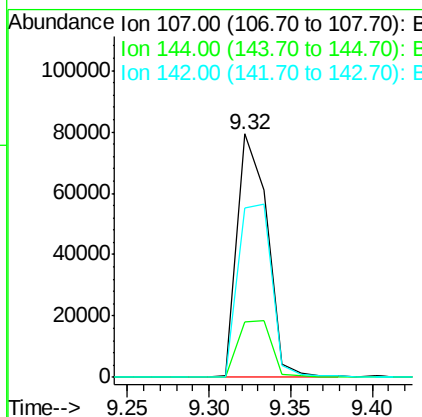
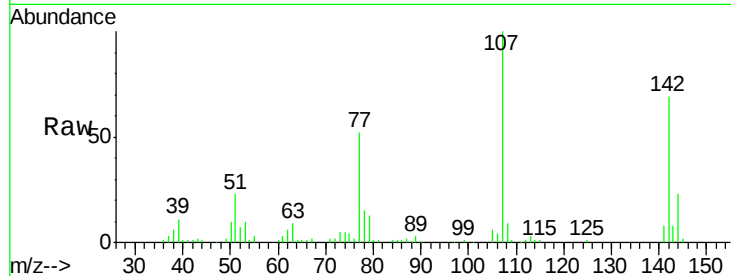
#36
 4-Chloro-3-methylphenol
 Concen: 44.76 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	101108		
144	22.6	18.2	27.2	
142	69.4	58.0	87.0	

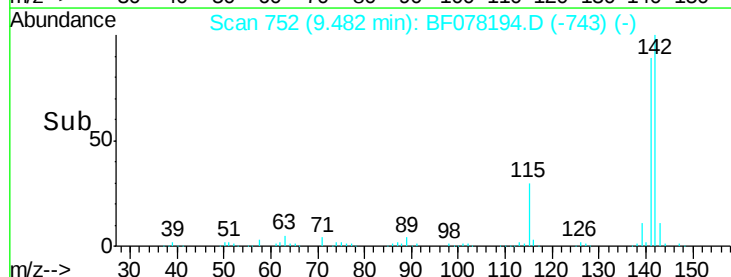
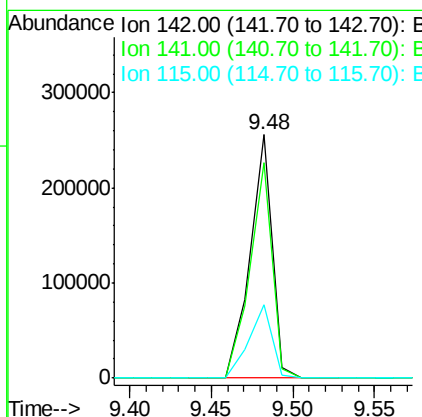
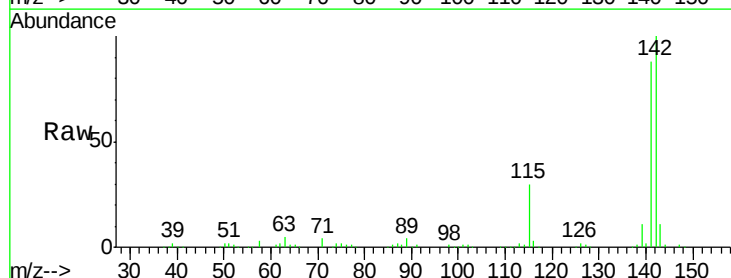
Manual Integrations
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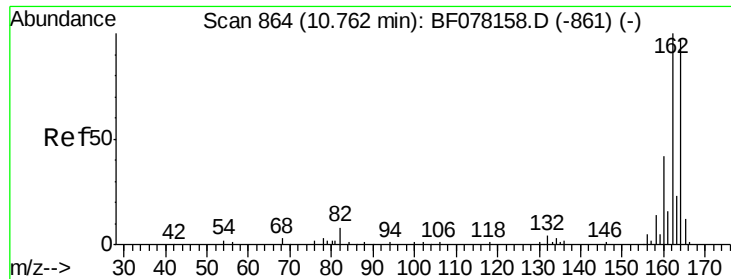
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#37
 2-Methylnaphthalene
 Concen: 42.46 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	241623		
141	88.4	70.3	105.5	
115	30.0	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: BF078194.D

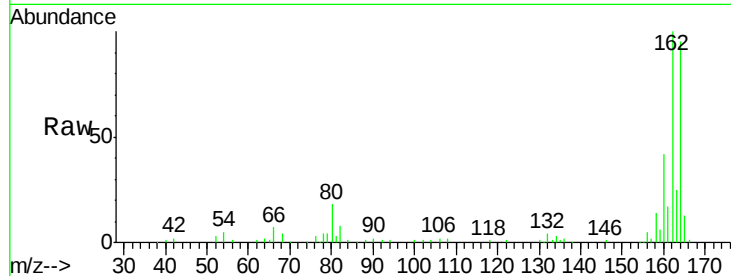
Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

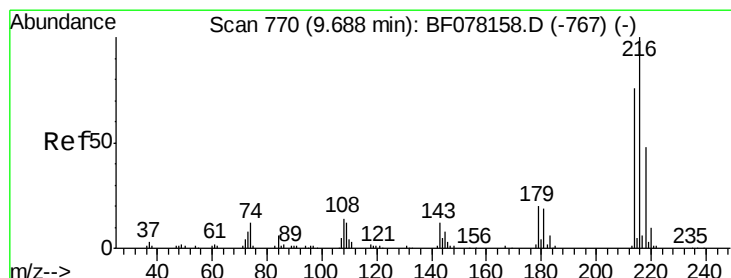
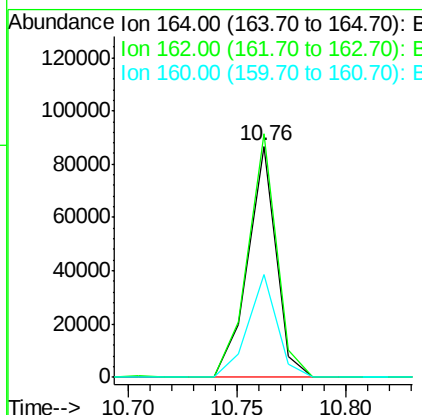
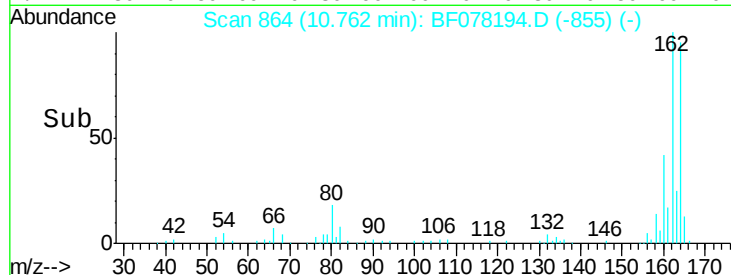
PB82450BS



Tot Ion	164	162	160
Ratio	100	105.5	44.8
Lower		82.2	34.7
Upper		123.2	52.1

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#39

1,2,4,5-Tetrachlorobenzene

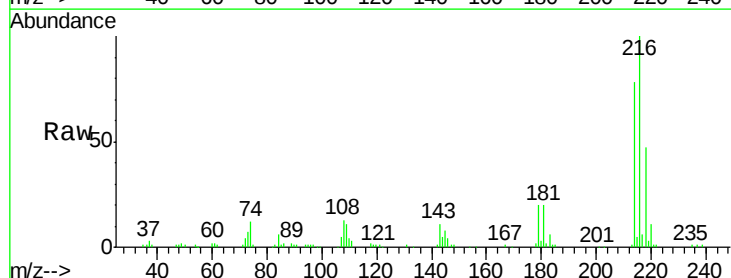
Concen: 42.64 ng

RT: 9.69 min Scan# 770

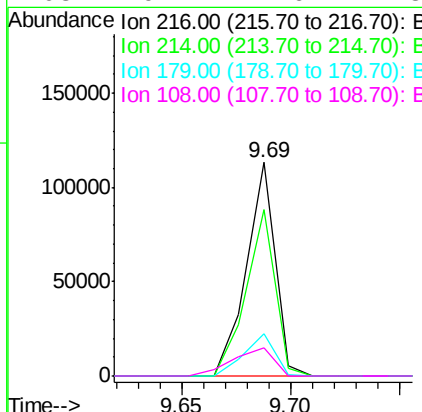
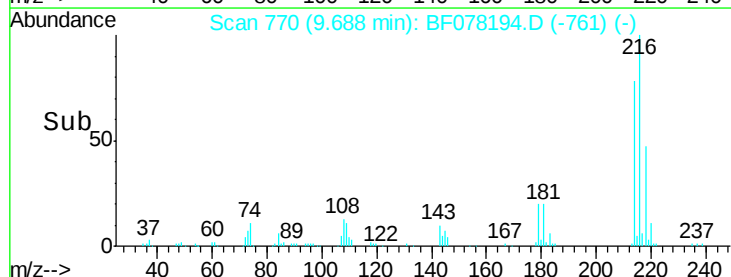
Delta R.T. -0.00 min

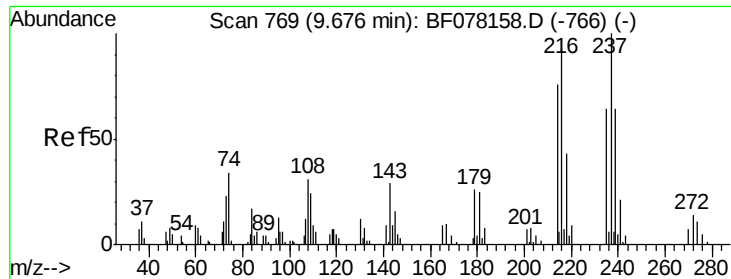
Lab File: BF078194.D

Acq: 2 Apr 2015 12:15



Tgt Ion	216	214	179	108
Ratio	100	78.7	21.6	19.4
Lower		62.0	17.3	14.6
Upper		93.0	25.9	21.8





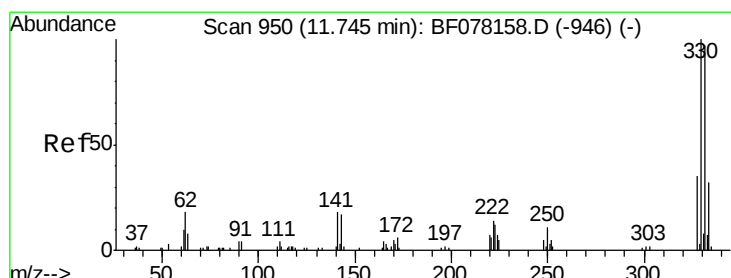
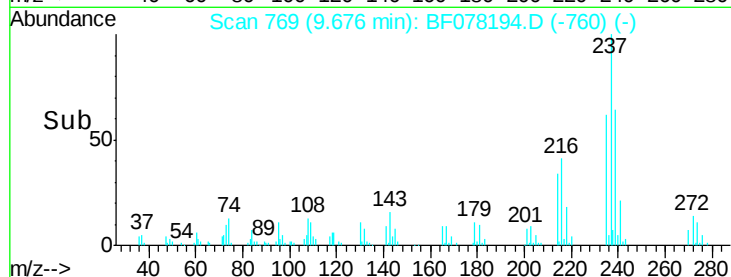
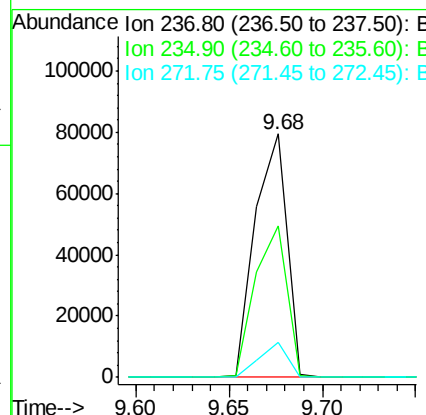
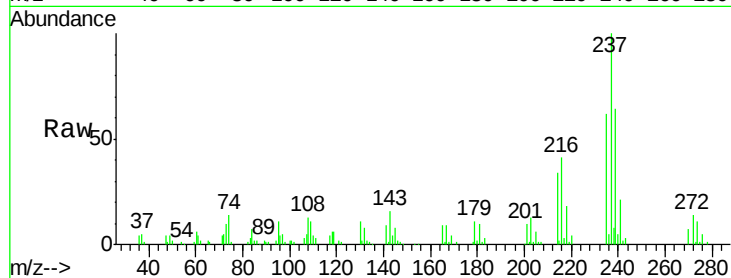
#40
Hexachlorocyclopentadiene
Concen: 88.75 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	44.1	84.1	
272	14.1	0.0	34.4	

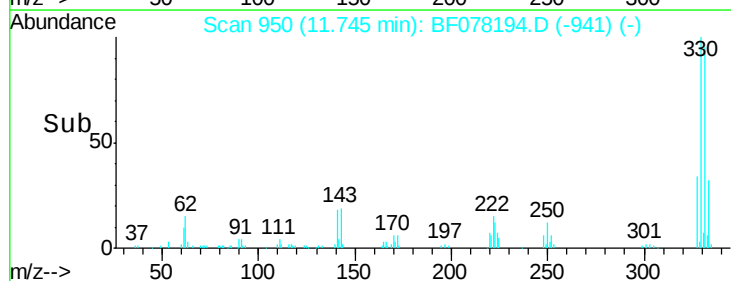
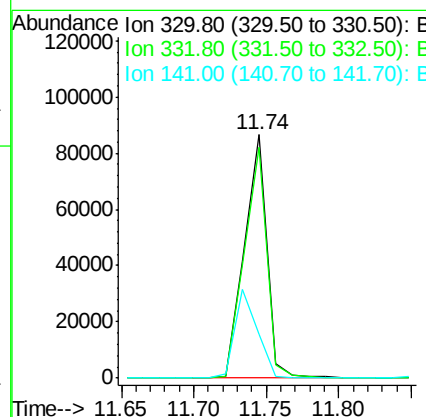
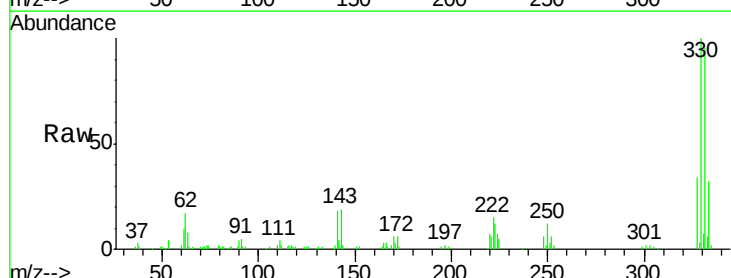
Manual Integrations
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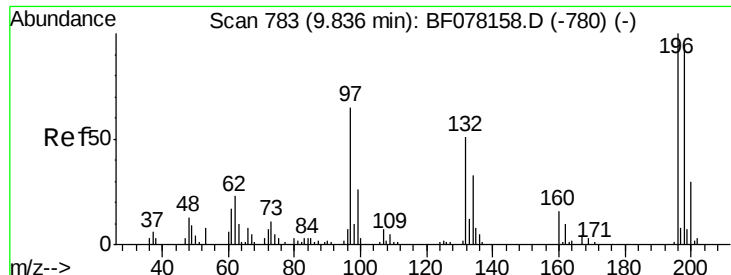
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#41
2,4,6-Tribromophenol
Concen: 143.01 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	78.6	117.8	
141	36.4	31.2	46.8	





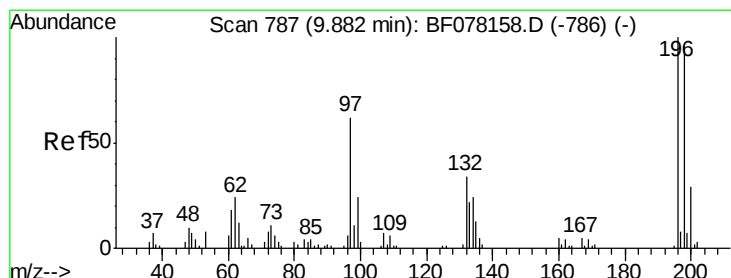
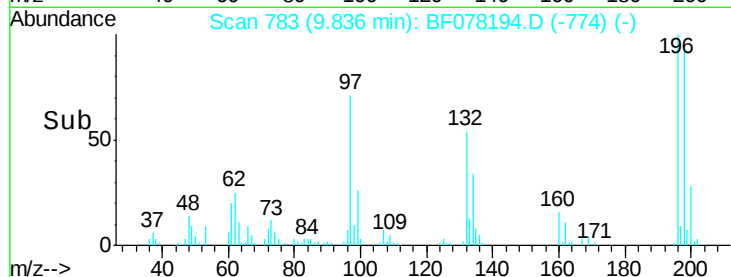
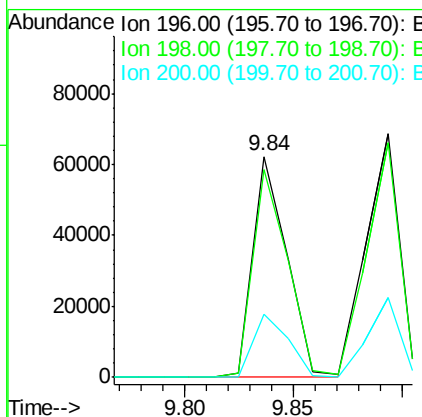
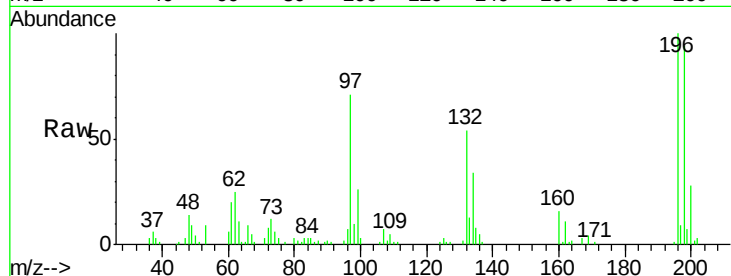
#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67988		
198	93.8	75.4	113.2	
200	28.4	24.0	36.0	

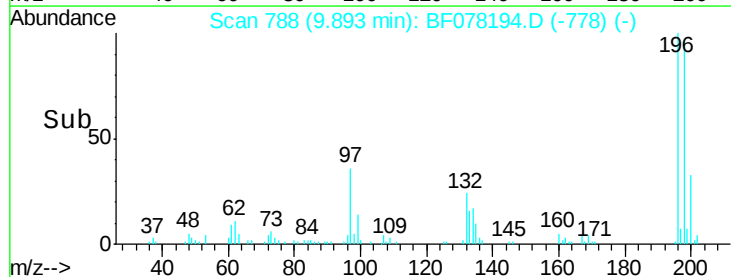
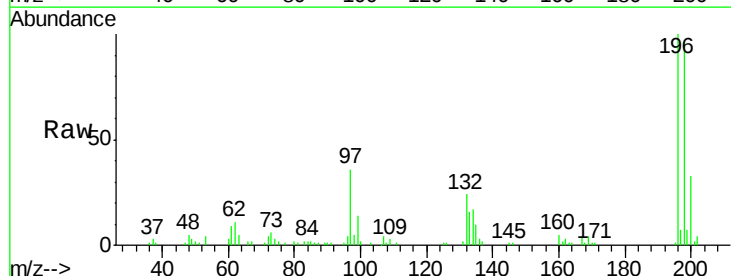
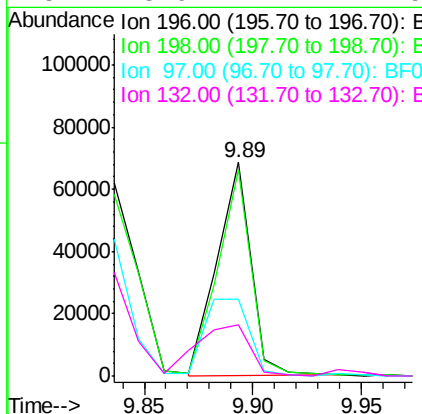
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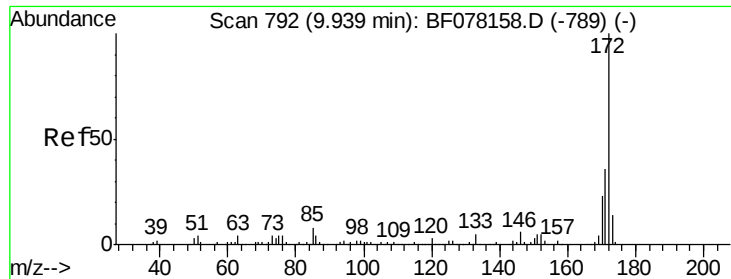
apatel
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#43
 2,4,5-Trichlorophenol
 Concen: 45.87 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73626		
198	96.5	76.6	115.0	
97	35.9	50.6	75.8#	
132	23.9	27.7	41.5#	





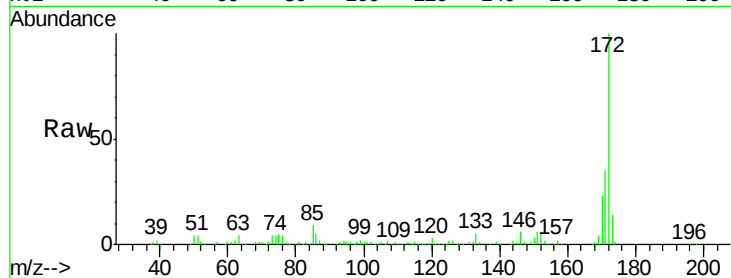
#44
2-Fluorobiphenyl
Concen: 84.79 ng
RT: 9.94 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	466322		
171	35.1		28.6	42.8
170	23.2		18.5	27.7

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apatel
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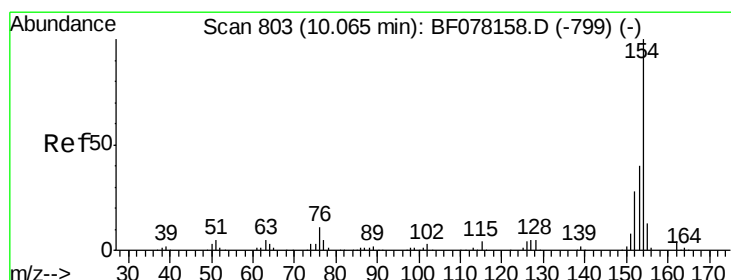
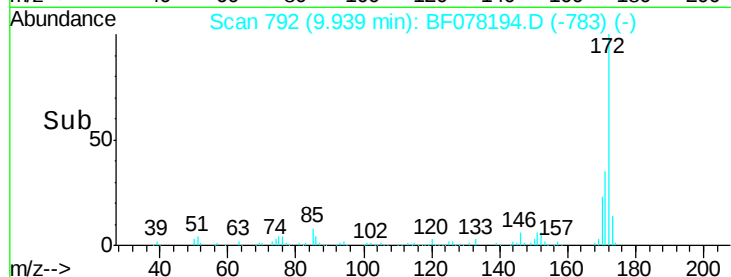
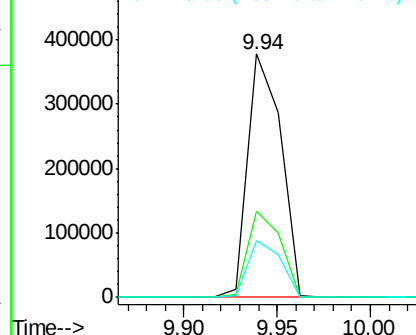


Abundance

Ion 172.00 (171.70 to 172.70): E

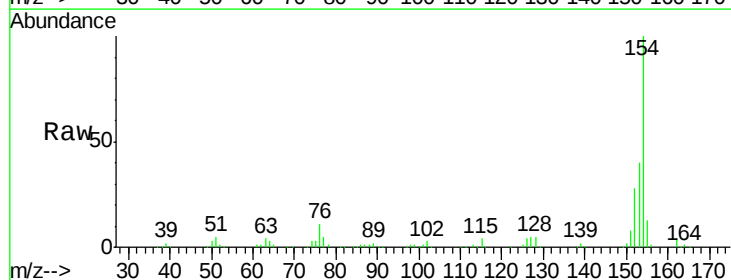
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 44.50 ng
RT: 10.06 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	286160		
153	39.7		20.0	60.0
76	10.8		0.0	30.6

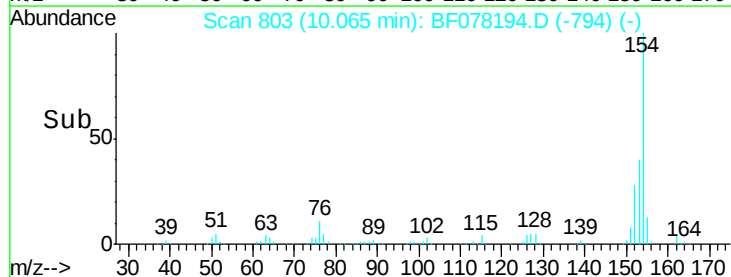
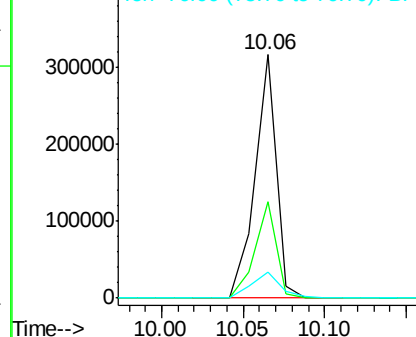


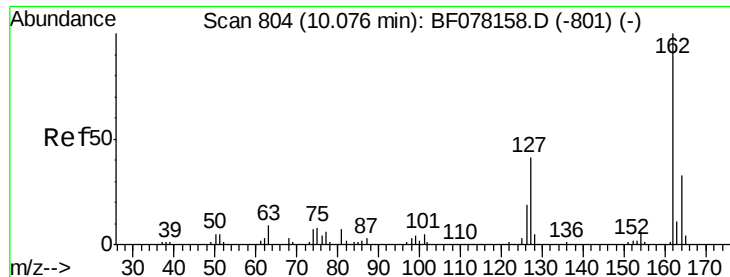
Abundance

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





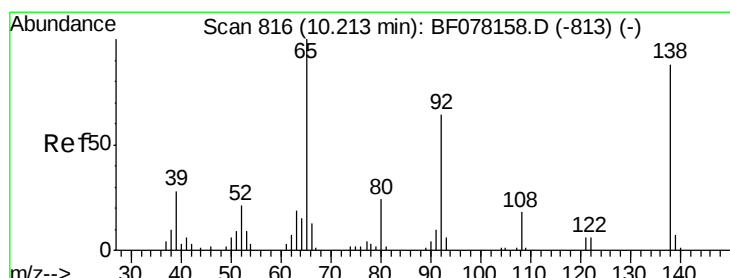
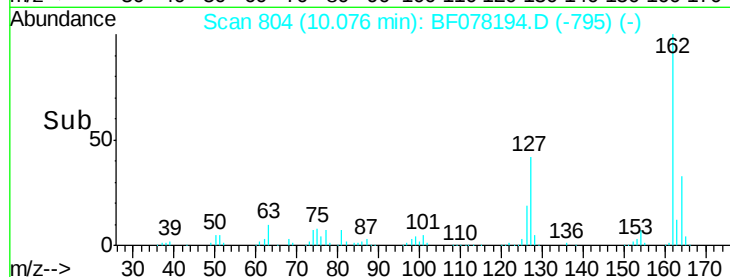
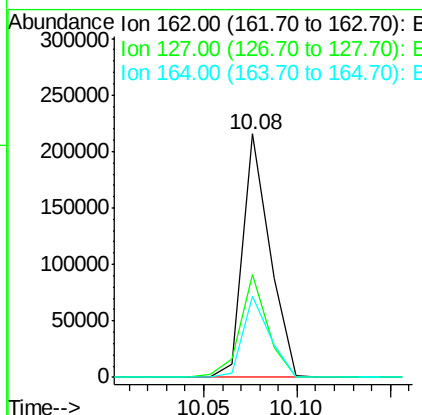
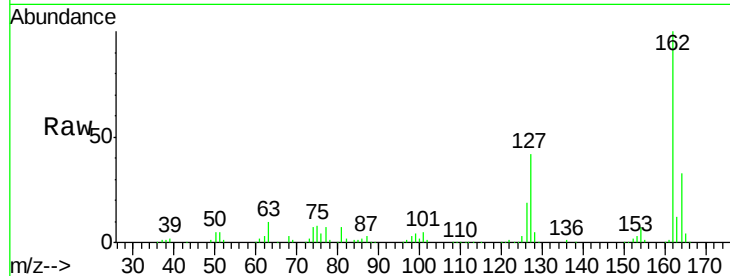
#46
2-Chloronaphthalene
Concen: 42.88 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216970		
127	42.0		32.6	49.0
164	33.1		26.0	39.0

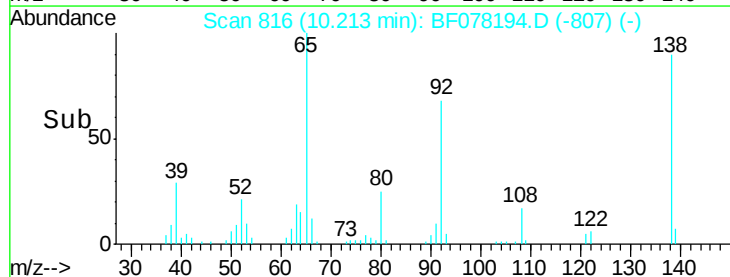
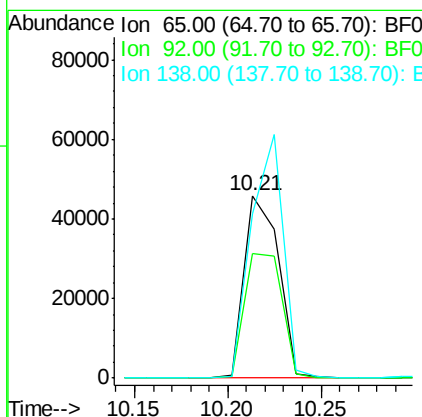
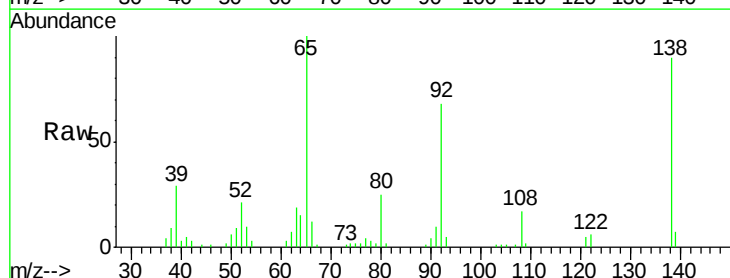
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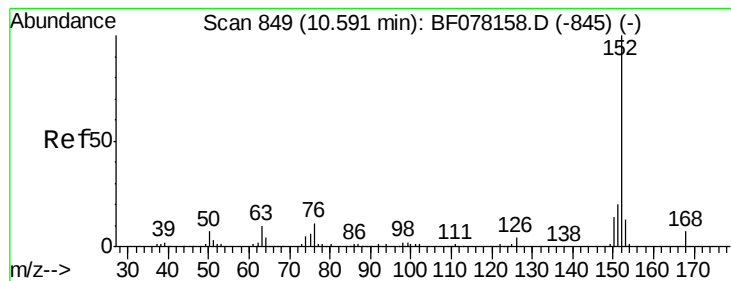
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#47
2-Nitroaniline
Concen: 46.88 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58682		
92	68.1		51.3	76.9
138	90.1		70.4	105.6





#48

Acenaphthylene

Concen: 43.48 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

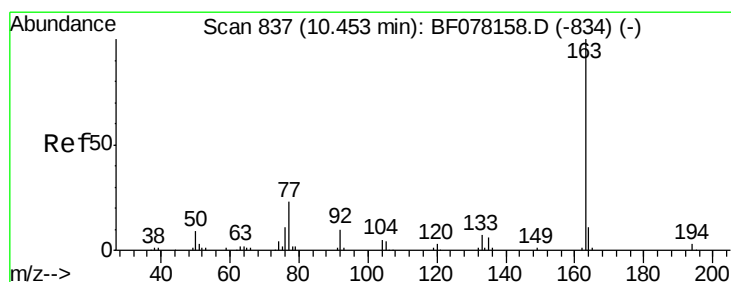
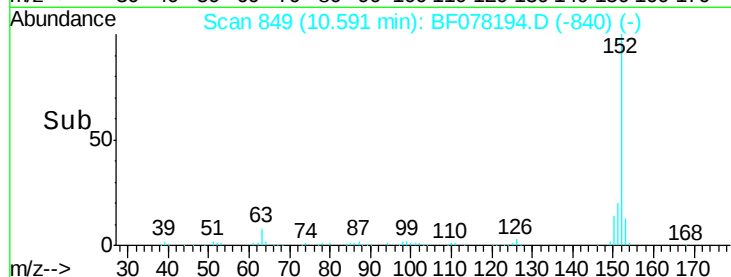
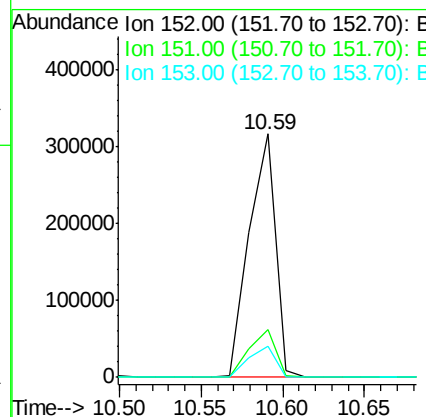
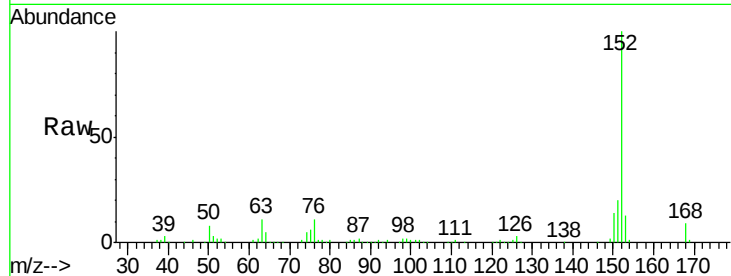
ClientSampleId :

PB82450BS

Tot Ion:	152	Resp:	355199
Ion Ratio		Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.6	10.2	15.2

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#49

Dimethylphthalate

Concen: 43.46 ng

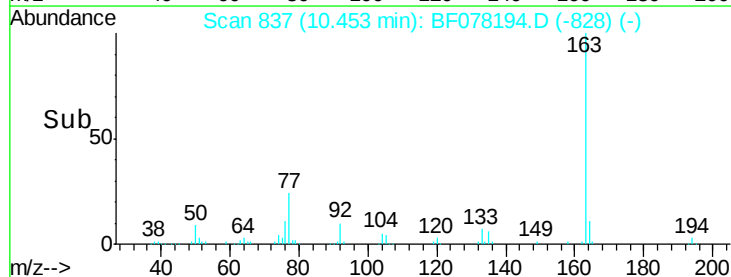
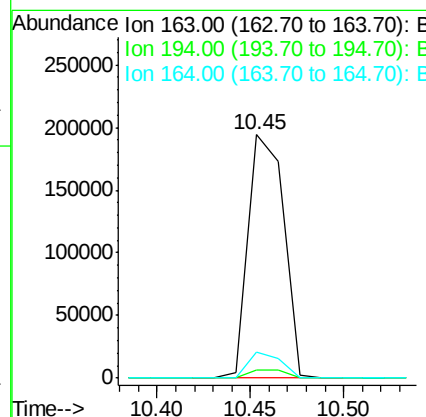
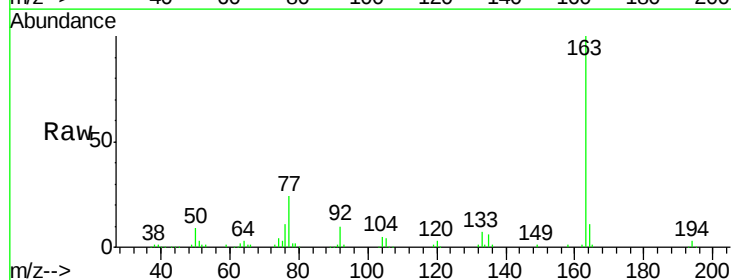
RT: 10.45 min Scan# 837

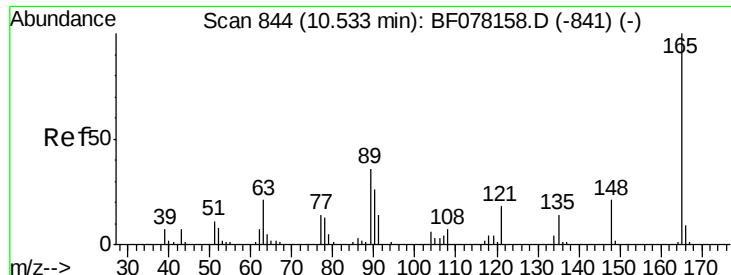
Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:	163	Resp:	256683
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.3	3.5
164	10.7	8.6	13.0





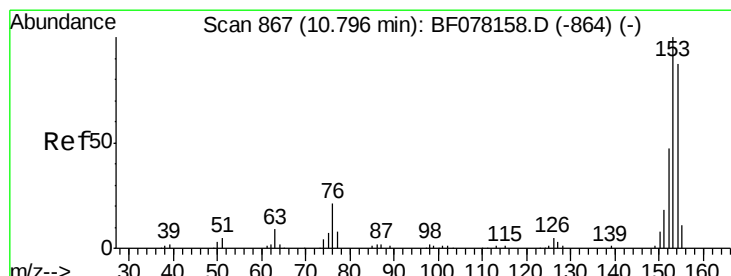
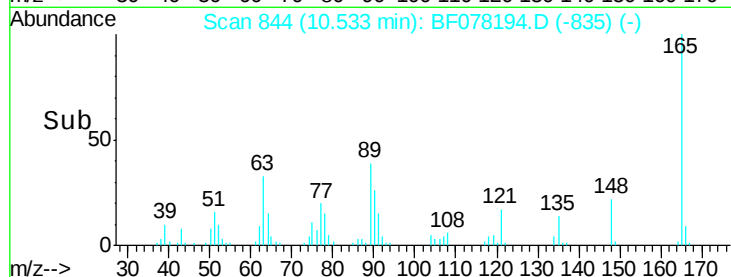
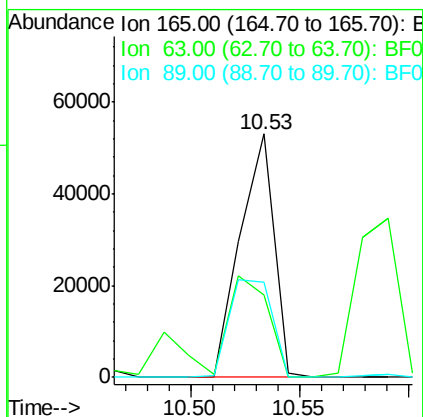
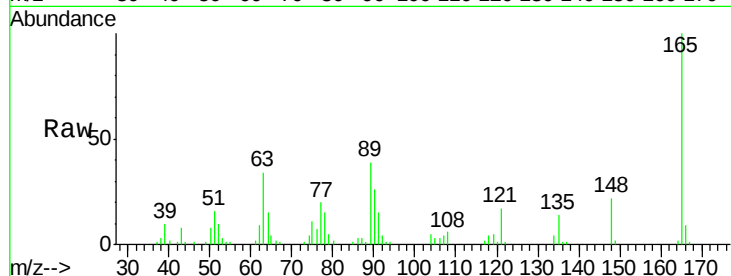
#50
 2,6-Dinitrotoluene
 Concen: 47.21 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	57373		
63	33.8	24.1	36.1	
89	39.1	28.9	43.3	

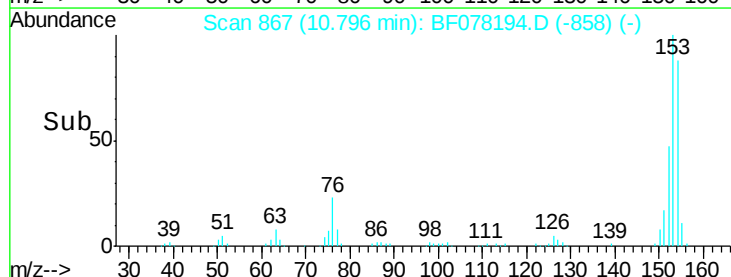
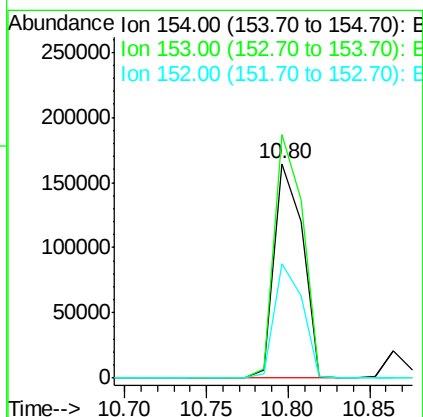
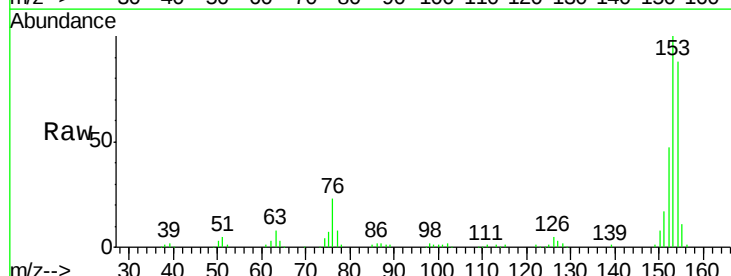
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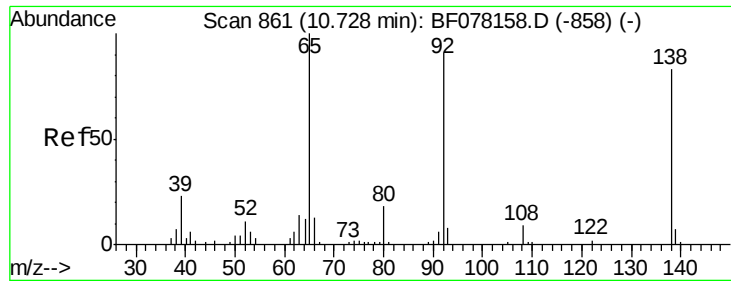
apatel
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#51
 Acenaphthene
 Concen: 43.56 ng
 RT: 10.80 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	200388		
153	113.6	91.4	137.2	
152	53.5	43.0	64.6	





#52

3-Nitroaniline

Concen: 27.25 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

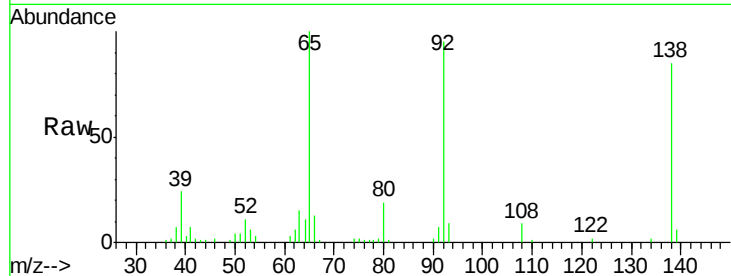
ClientSampleId :

PB82450BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	111.9	88.4	132.6

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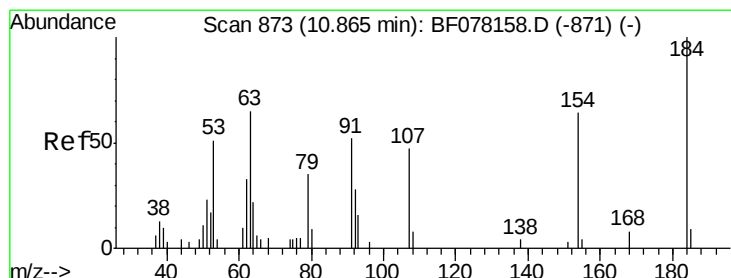
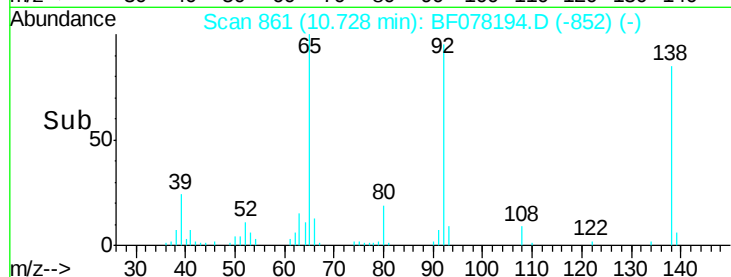
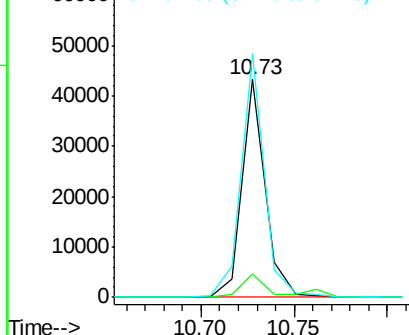
apatel
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 77.48 ng

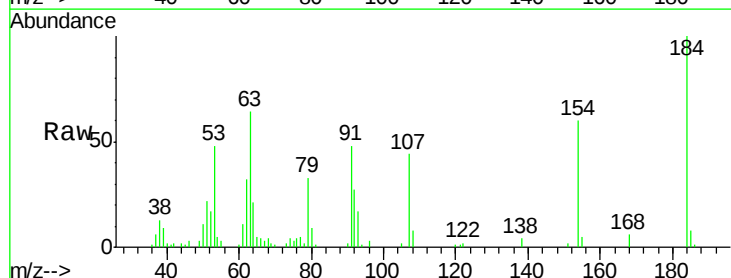
RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

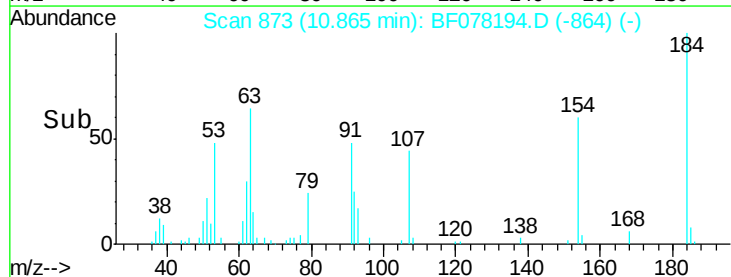
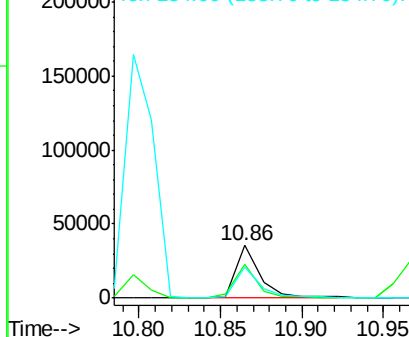
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	51.9	77.9
154	60.4	51.0	76.4

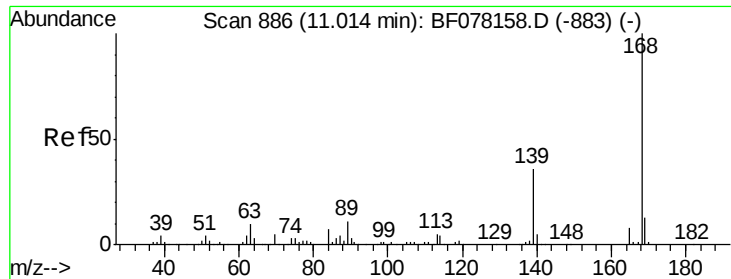


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





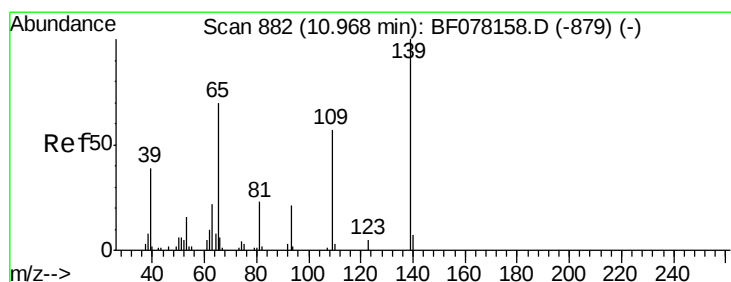
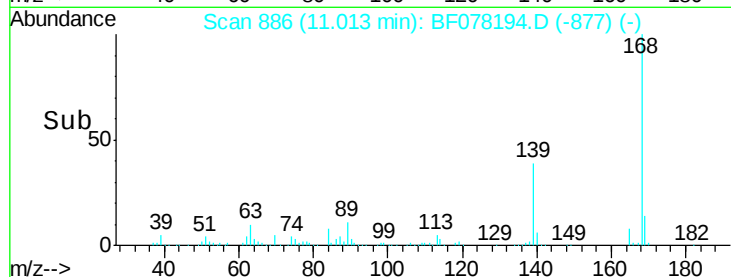
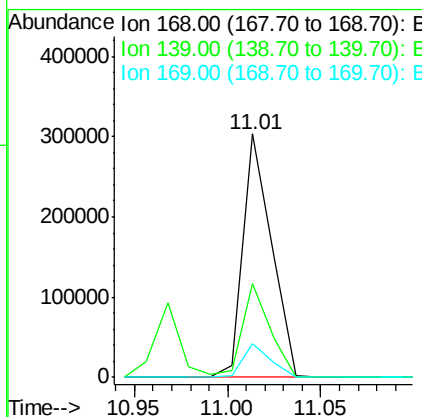
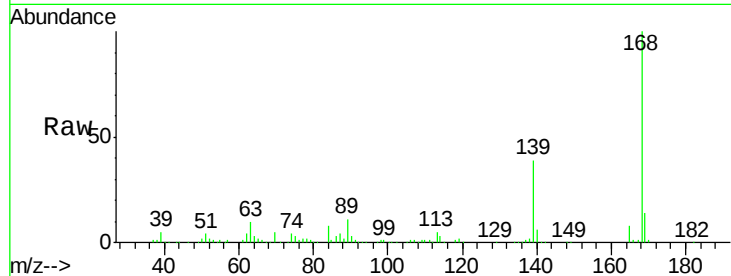
#54
Dibenzenofuran
Concen: 45.75 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.0	46.4
169	13.7	10.7	16.1

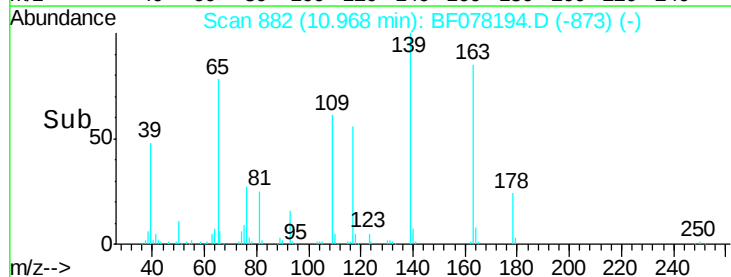
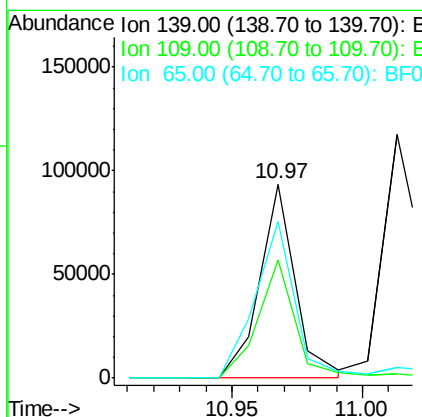
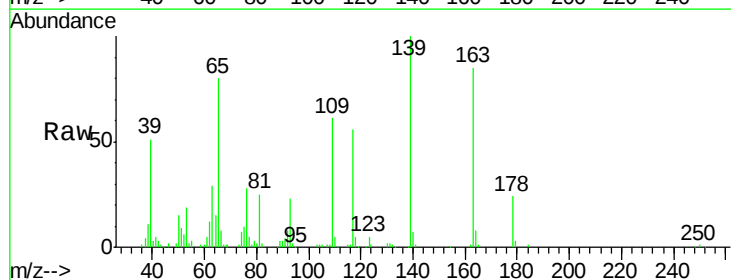
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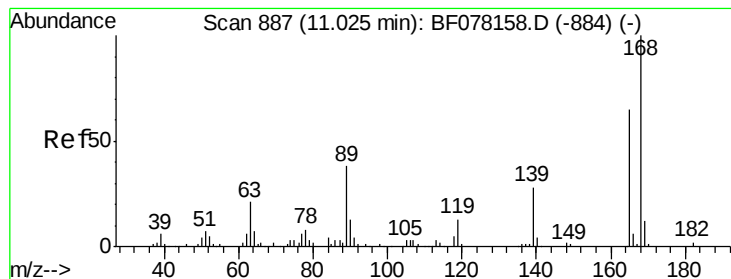
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#55
4-Nitrophenol
Concen: 87.84 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	36.7	76.7
65	80.3	49.9	89.9





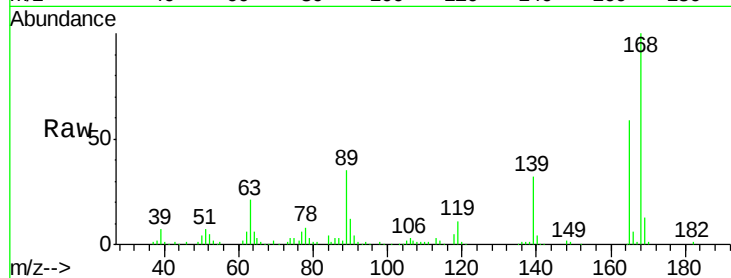
#56
2,4-Dinitrotoluene
Concen: 50.66 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

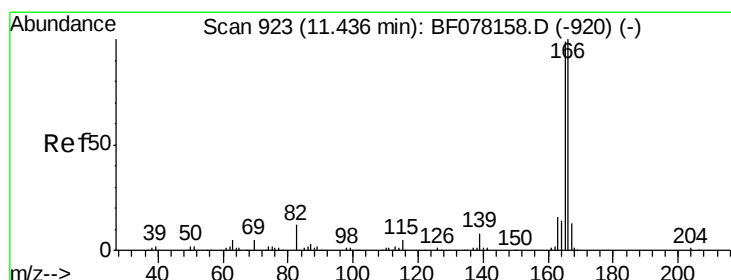
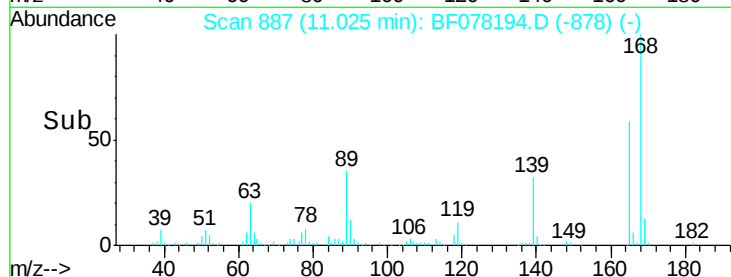
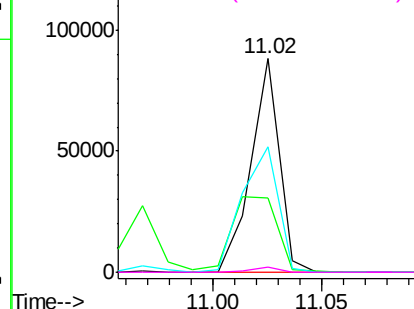
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.6	26.5	39.7	
89	58.7	46.4	69.6	
182	2.2	2.0	3.0	

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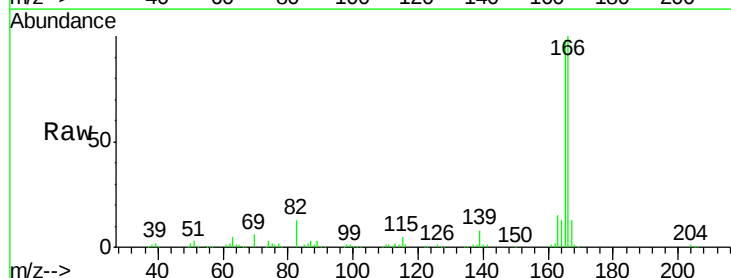


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

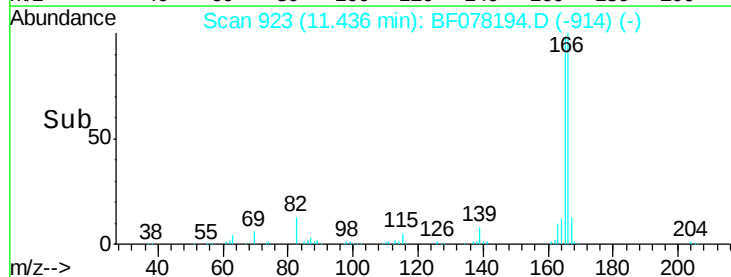
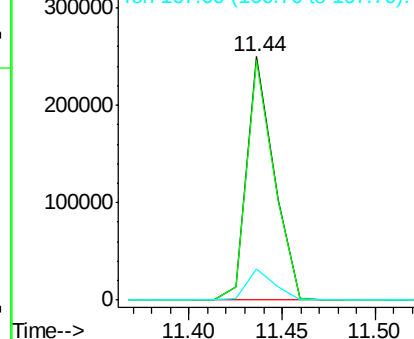


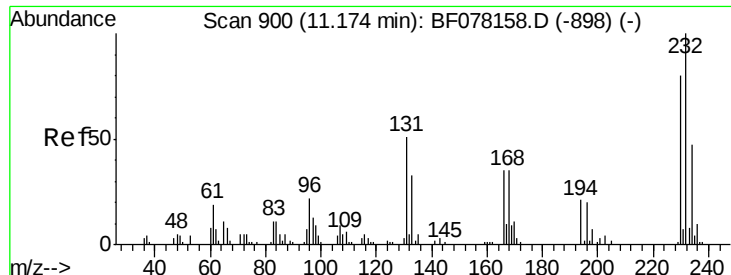
#57
Fluorene
Concen: 44.28 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	78.9	118.3	
167	13.0	10.7	16.1	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





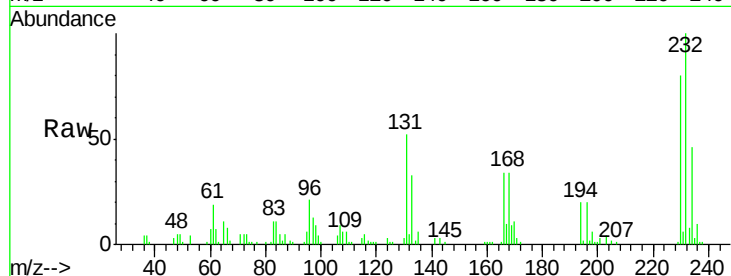
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

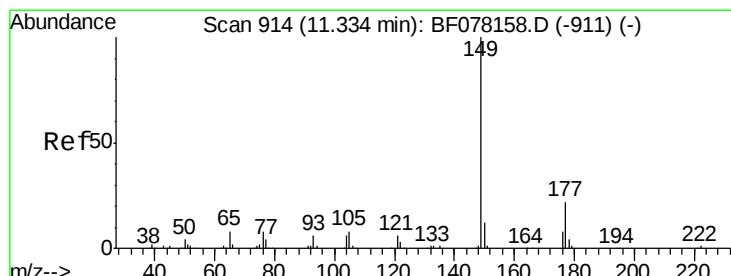
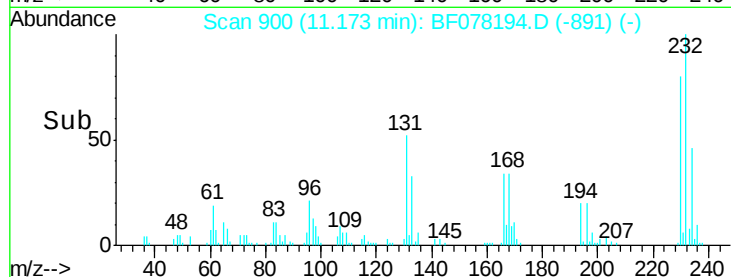
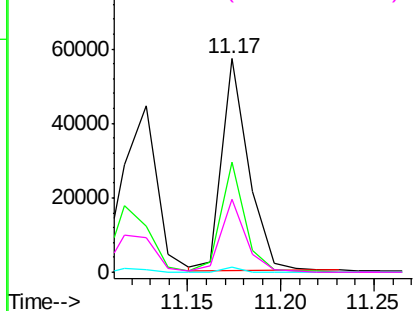
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	37.8	56.8
130	1.8	1.5	2.3
166	32.3	25.8	38.6

Manual Integrations
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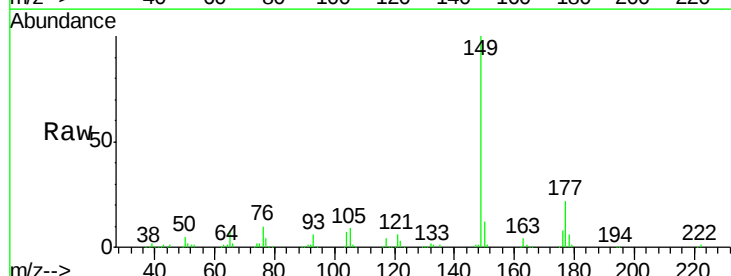


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

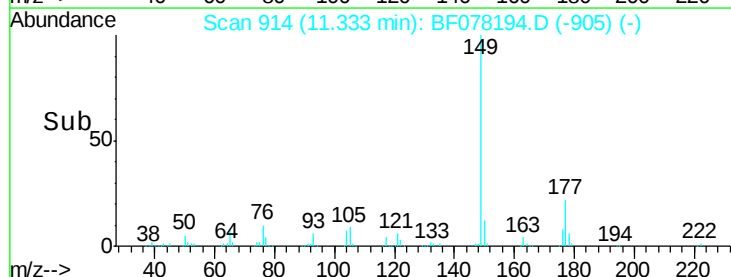
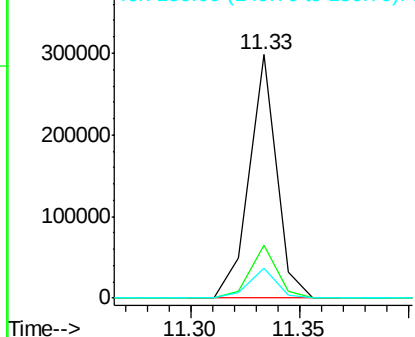


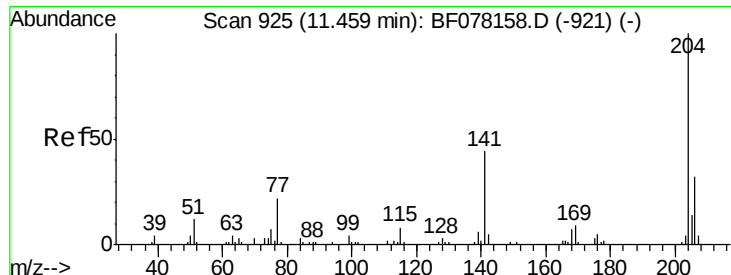
#59
 Diethylphthalate
 Concen: 45.75 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.1	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





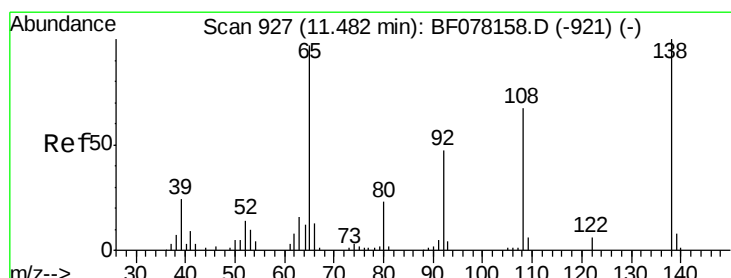
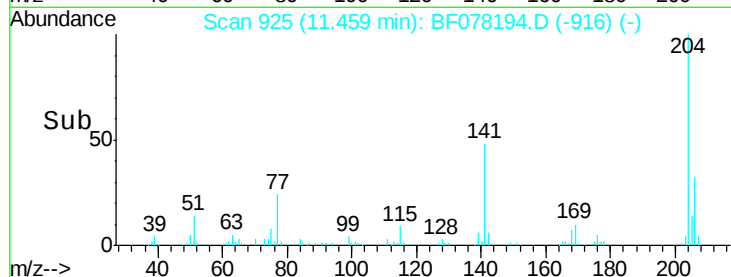
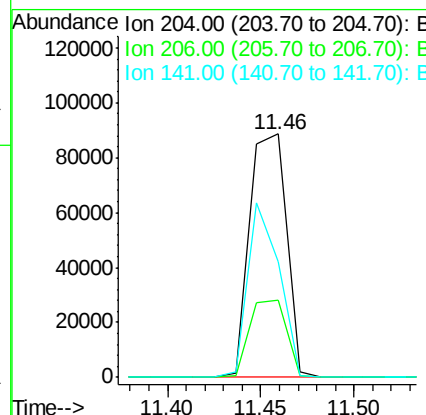
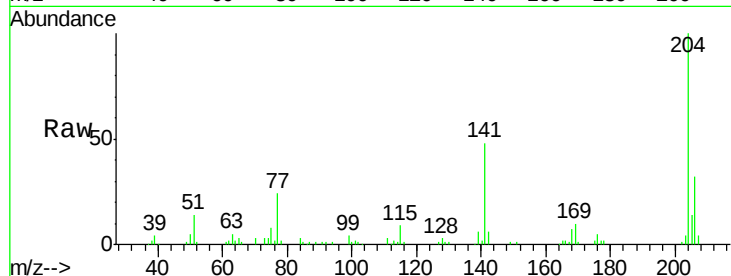
#60
4-Chlorophenyl-phenylether
Concen: 46.44 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.6	38.4
141	47.5	35.4	53.0

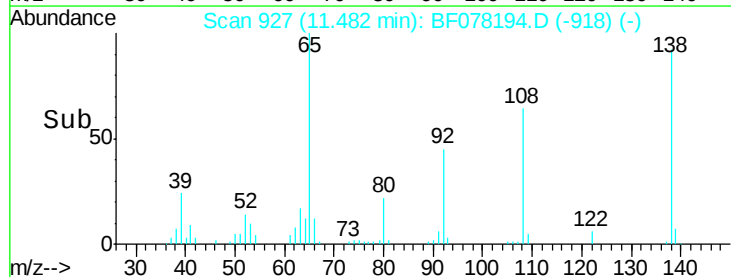
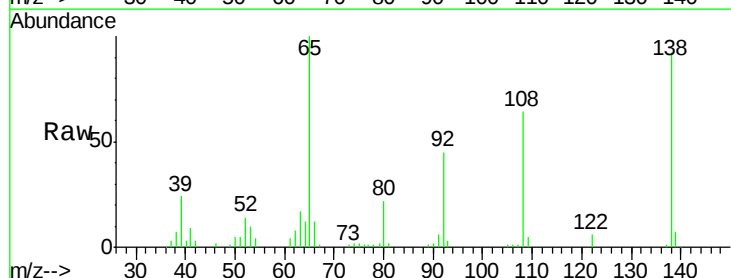
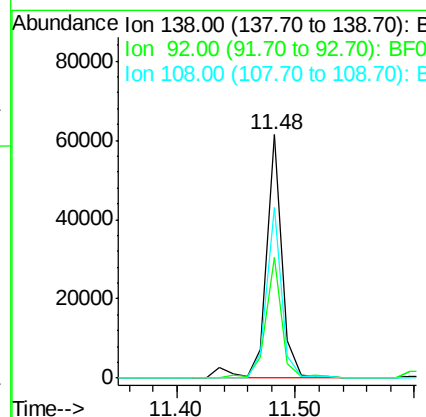
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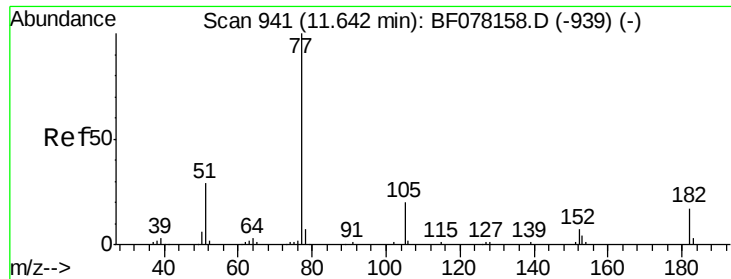
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#61
4-Nitroaniline
Concen: 41.34 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	27.3	67.3
108	70.2	47.2	87.2





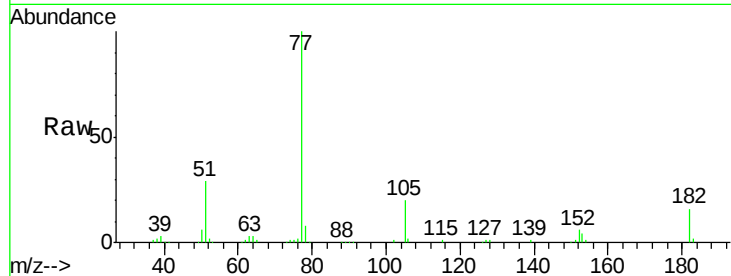
#62
Azobenzene
Concen: 45.95 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

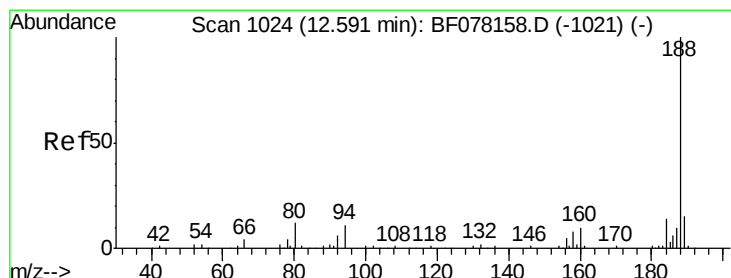
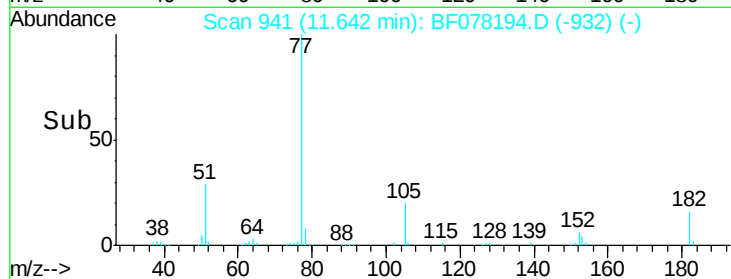
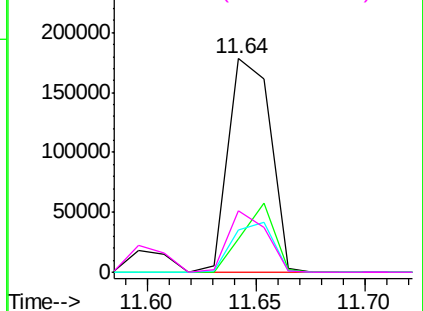
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		238821		
182	15.8	0.0	36.8		
105	20.1	0.3	40.3		
51	29.0	9.1	49.1		

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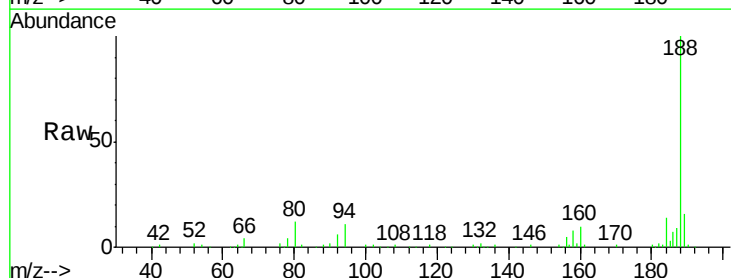


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

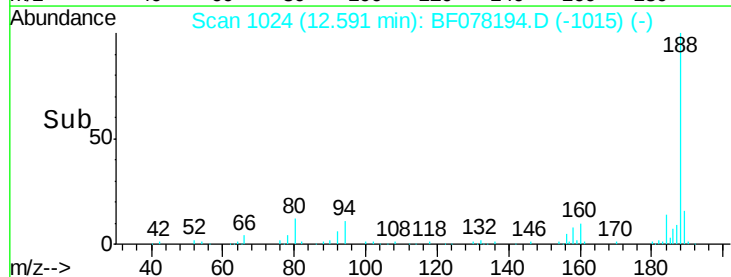
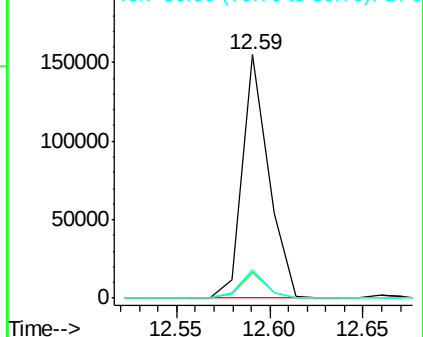


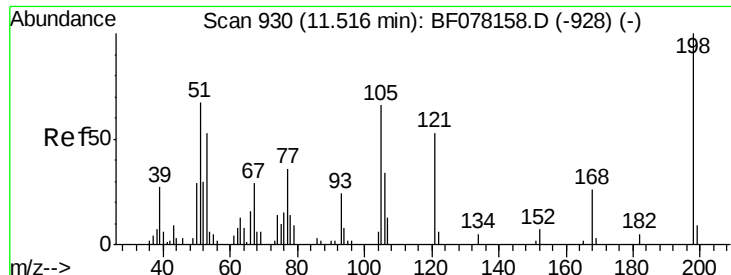
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		153011		
94	10.8	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: 38.75 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion:198 Resp: 27910

Ion Ratio Lower Upper

198 100

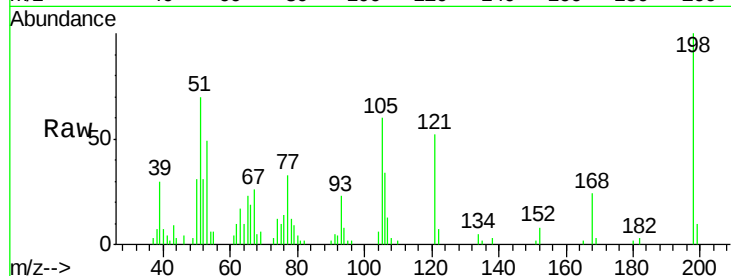
51 69.7 48.6 88.6

105 60.2 45.8 85.8

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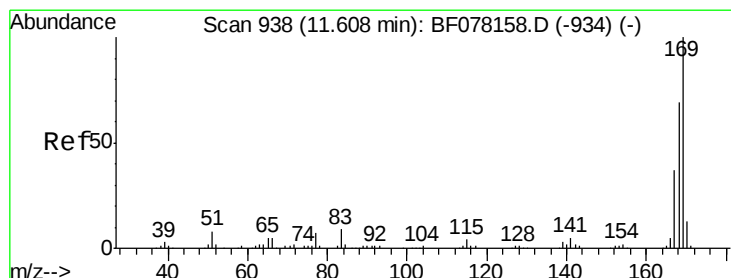
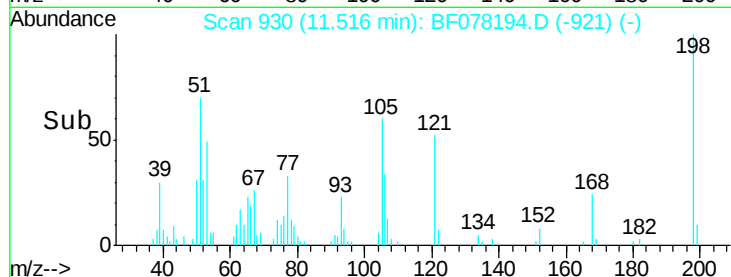
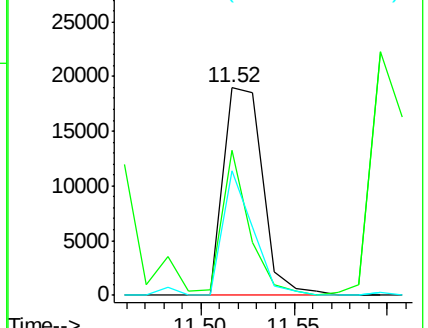
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.49 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

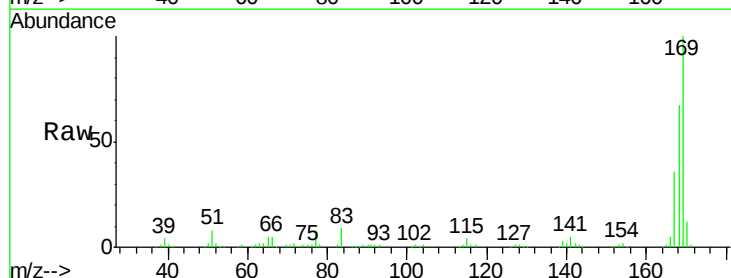
Tgt Ion:169 Resp: 224888

Ion Ratio Lower Upper

169 100

168 67.2 55.0 82.4

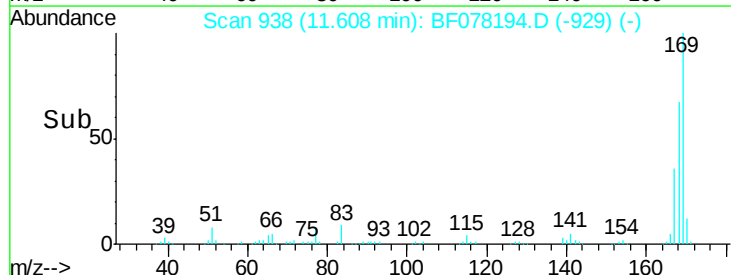
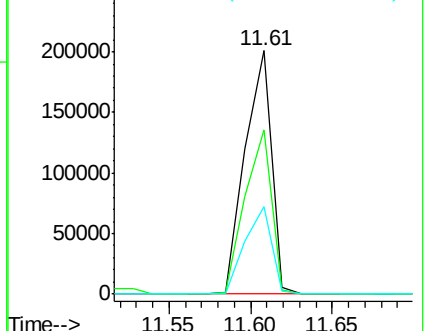
167 36.2 29.3 43.9

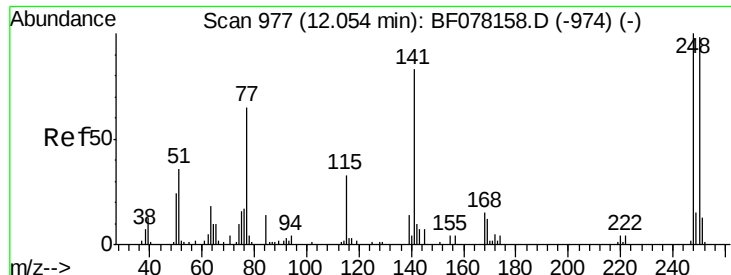


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





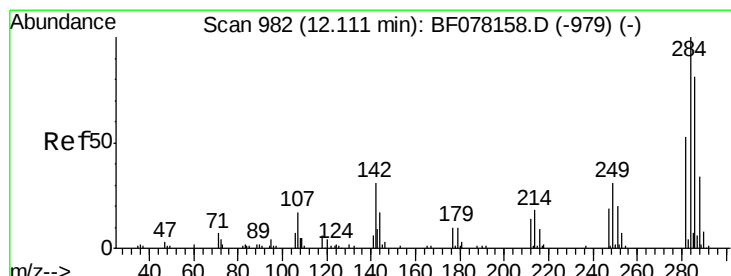
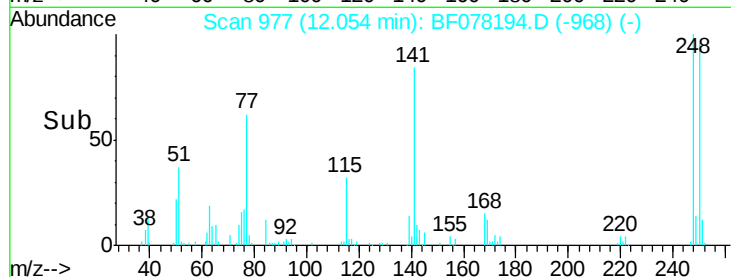
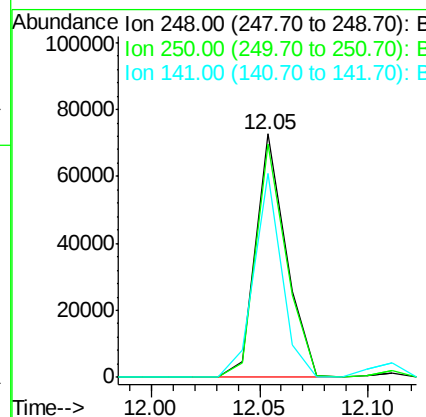
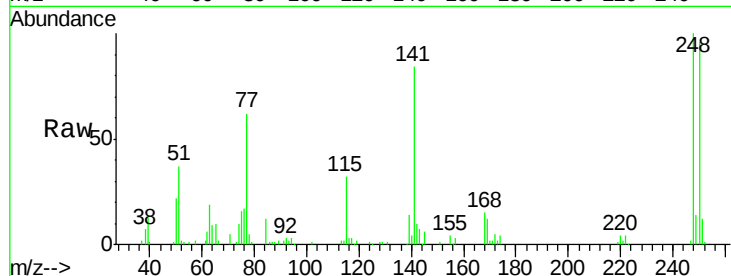
#66
4-Bromophenyl-phenylether
Concen: 43.72 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampled :
PB82450BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	83.7	66.4	99.6

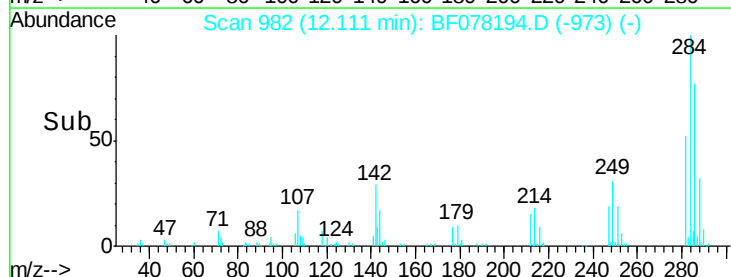
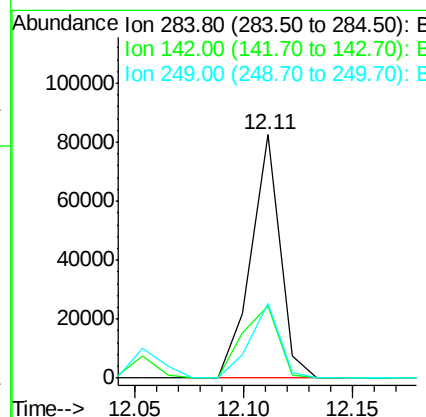
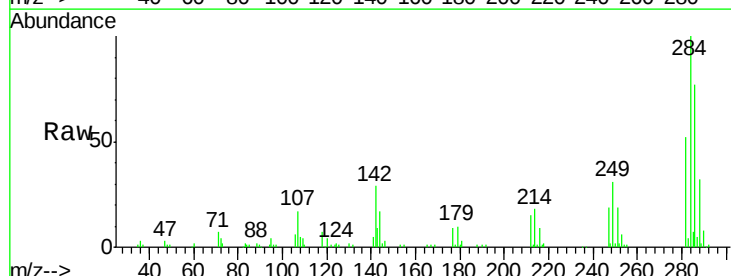
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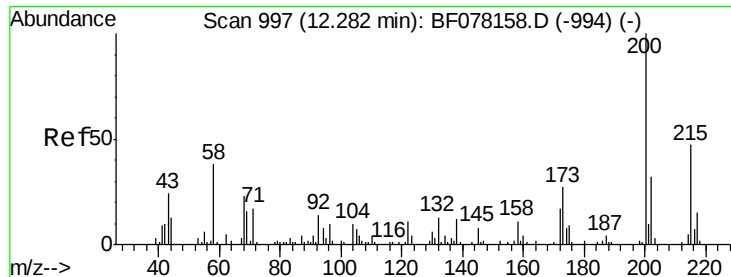
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#67
Hexachlorobenzene
Concen: 43.26 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	24.5	36.7
249	30.5	24.8	37.2





#68

Atrazine

Concen: 44.89 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

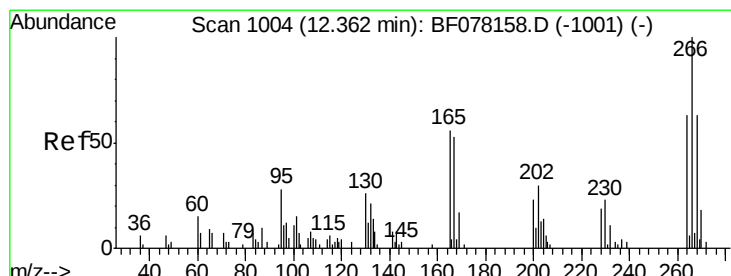
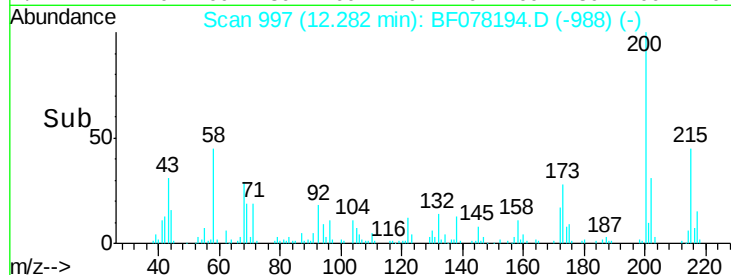
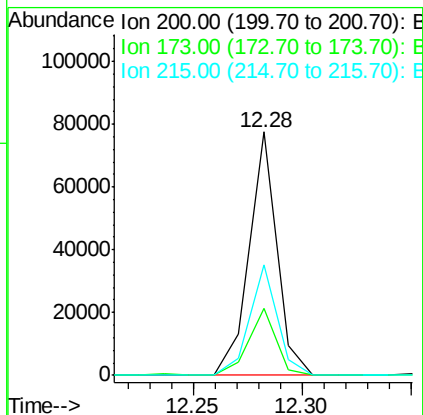
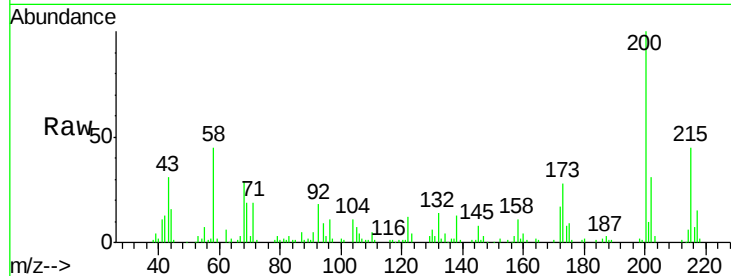
ClientSampleId :

PB82450BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.9	46.9
215	45.2	27.1	67.1

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#69

Pentachlorophenol

Concen: 83.52 ng

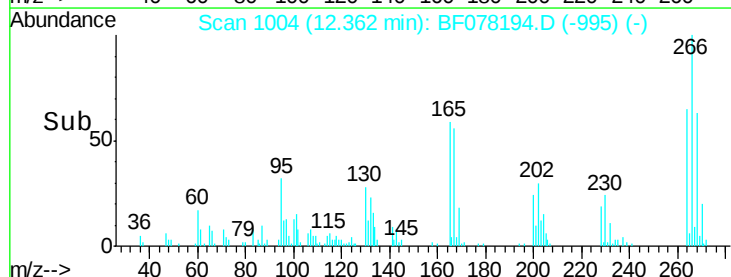
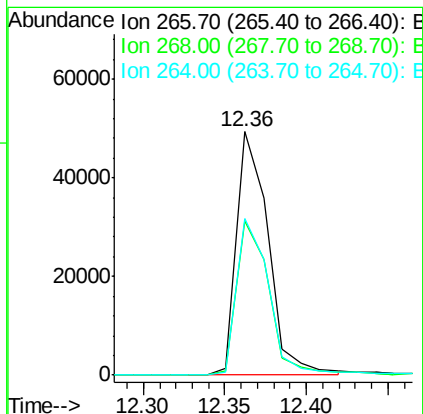
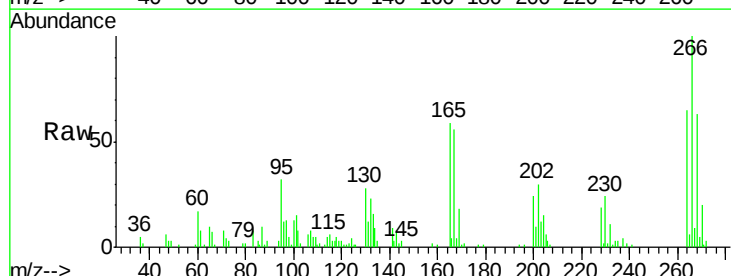
RT: 12.36 min Scan# 1004

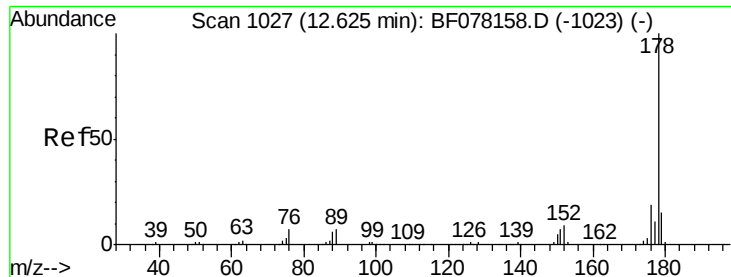
Delta R.T. 0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.1	75.1
264	64.5	50.0	75.0





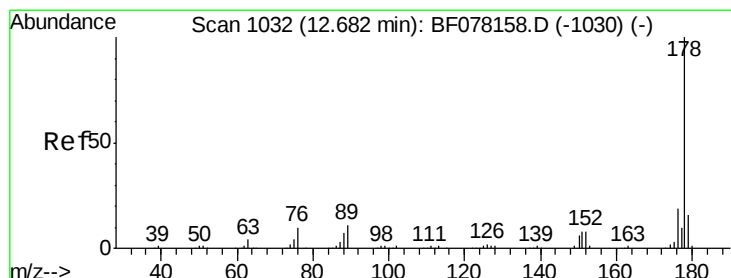
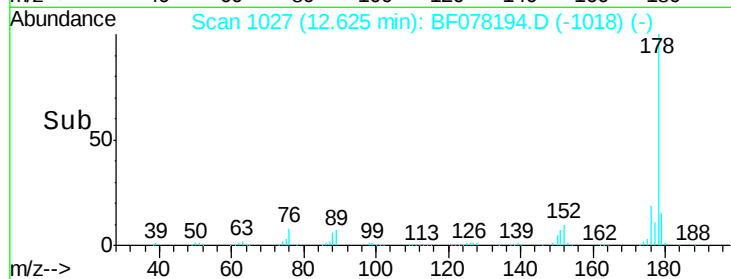
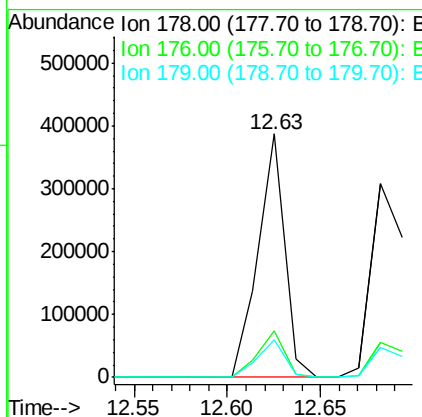
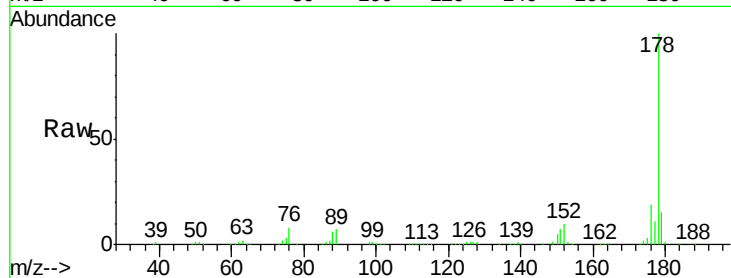
#70
Phenanthrene
Concen: 43.21 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.2	18.2

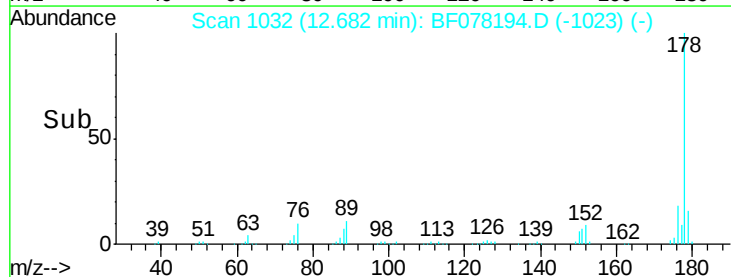
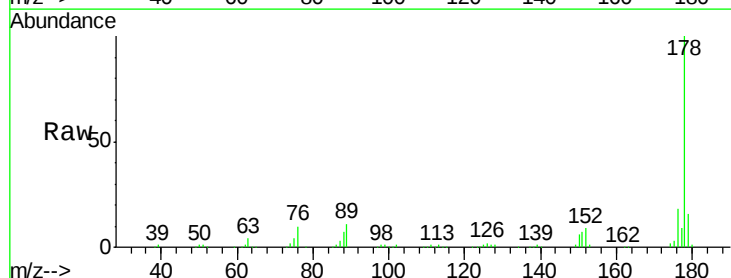
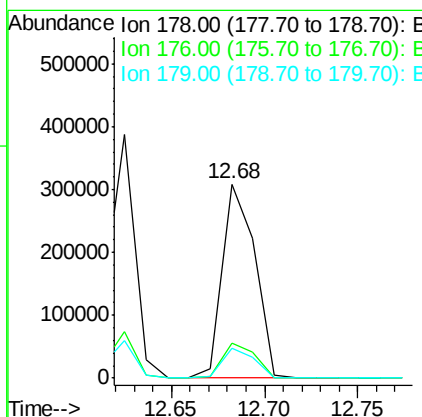
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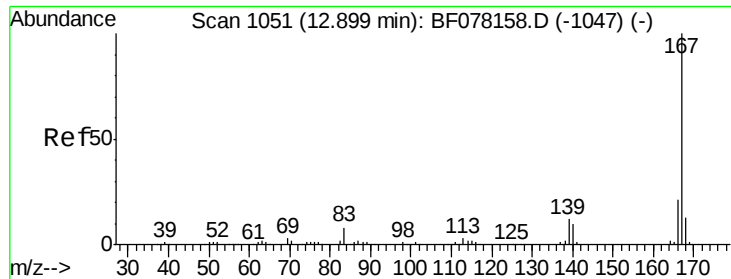
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#71
Anthracene
Concen: 43.28 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.5	12.4	18.6





#72

Carbazole

Concen: 44.77 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

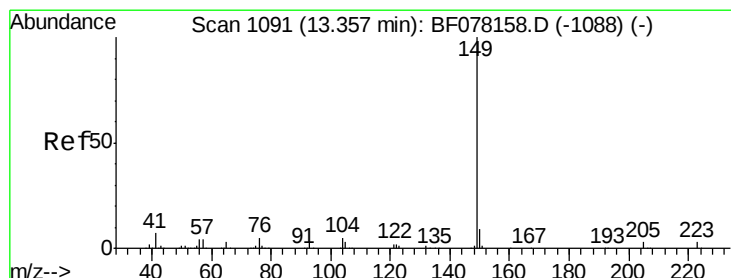
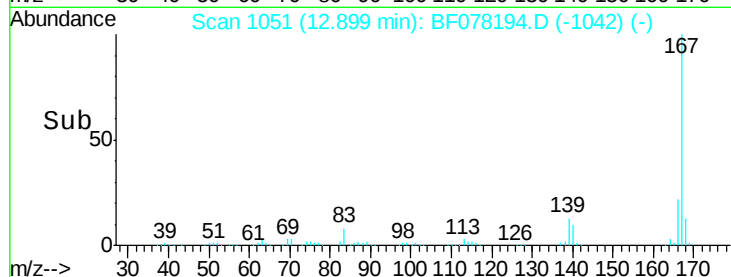
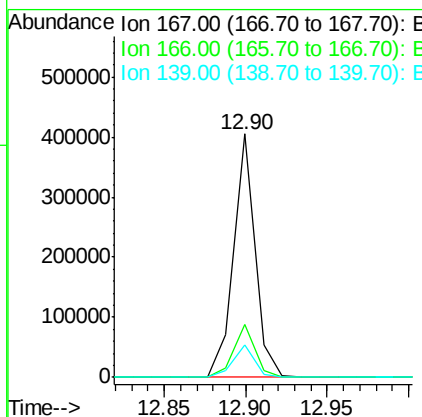
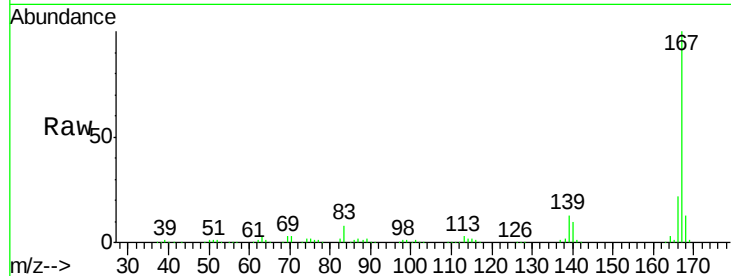
ClientSampleId :

PB82450BS

Tot Ion:	167	Resp:	365939
Ion Ratio	Lower	Upper	
167	100		
166	21.7	16.8	25.2
139	13.1	10.0	15.0

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 44.80 ng

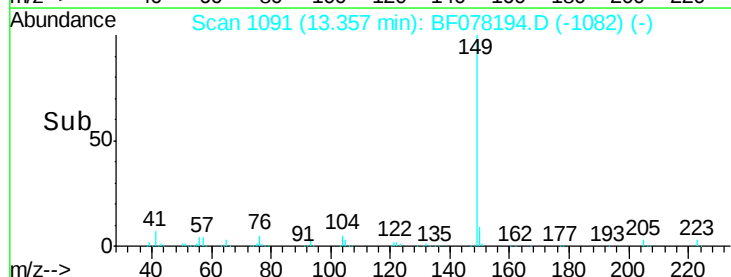
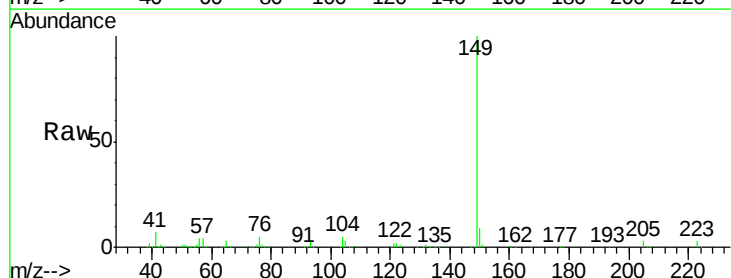
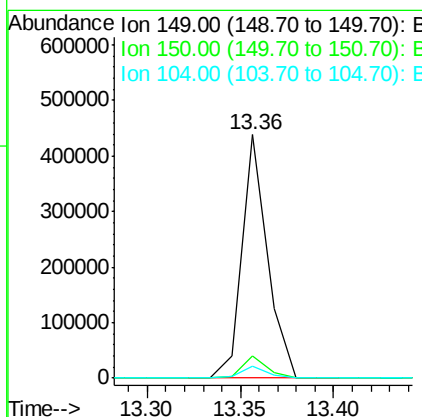
RT: 13.36 min Scan# 1091

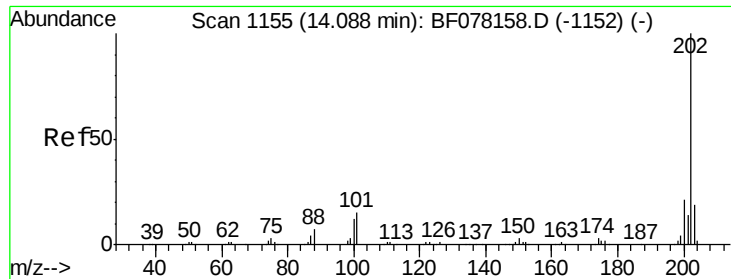
Delta R.T. -0.00 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Tgt Ion:	149	Resp:	414827
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.7	3.8	5.6





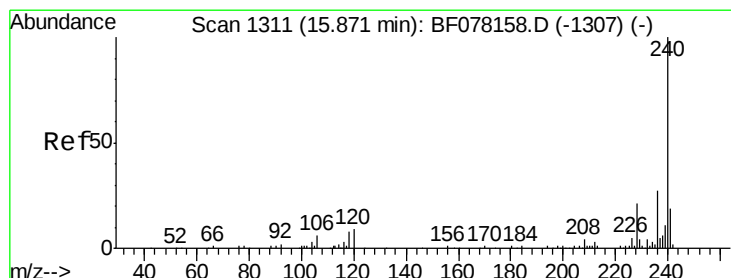
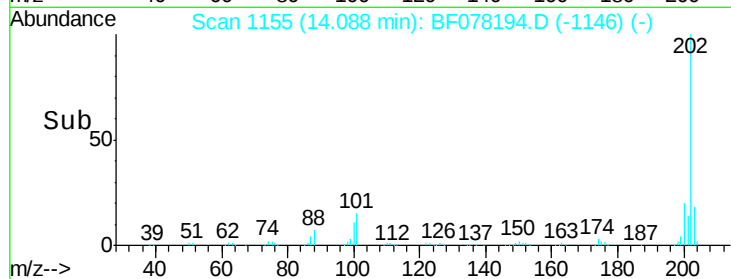
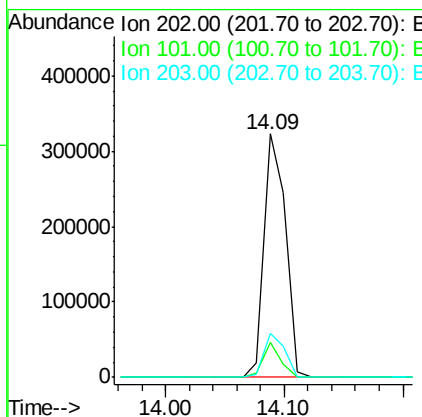
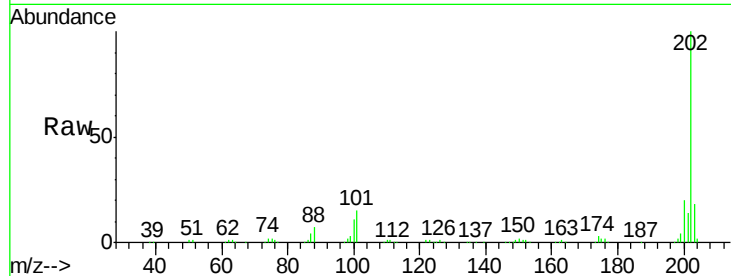
#74
 Fluoranthene
 Concen: 43.91 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	35.2
203	17.9	0.0	38.5

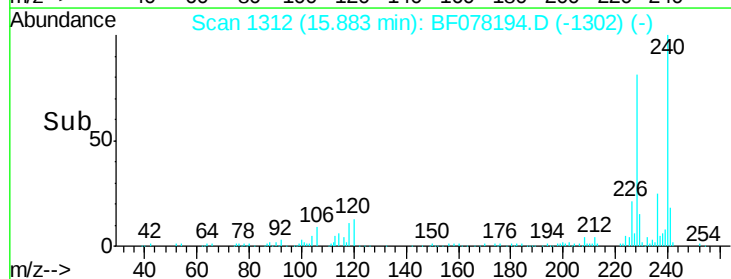
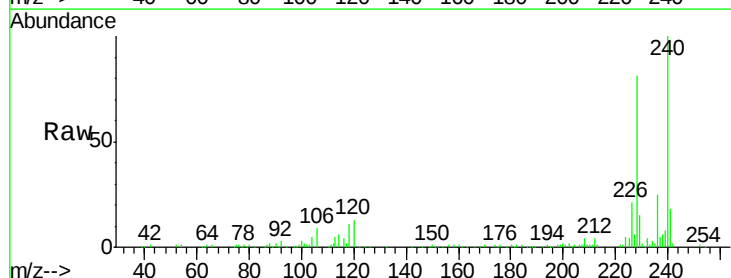
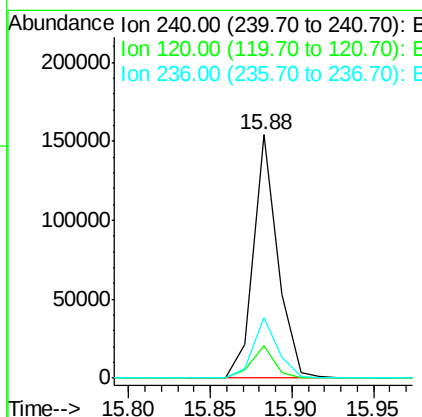
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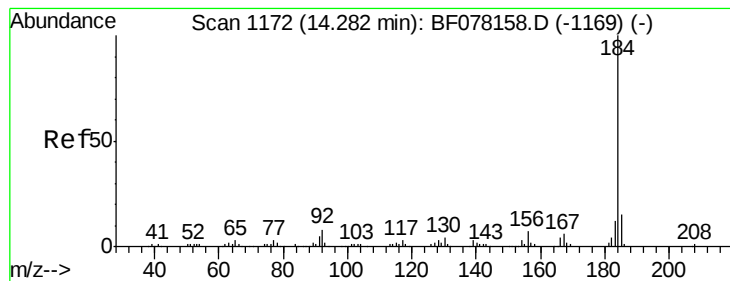
apatel
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.88 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	7.1	10.7#
236	24.7	21.4	32.2





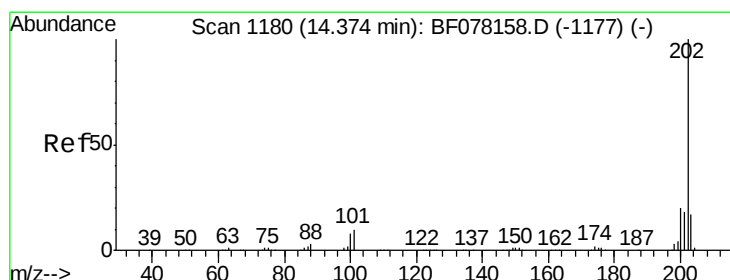
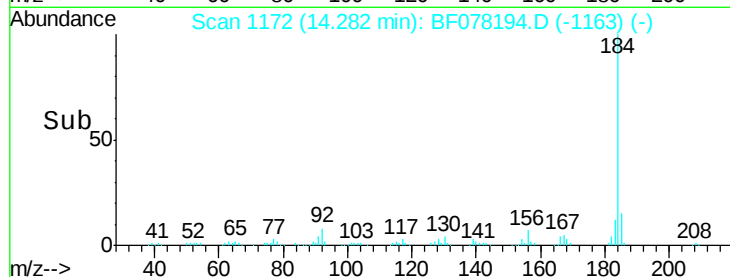
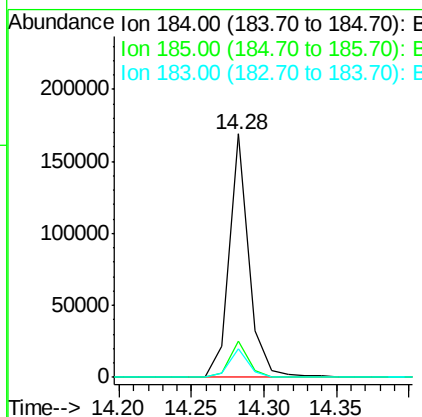
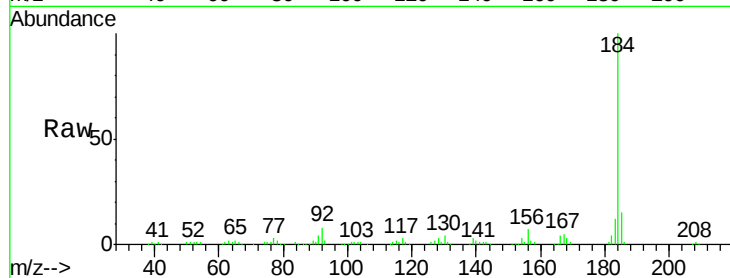
#76
Benzidine
Concen: 25.76 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	12.2	18.2	
183	11.8	9.5	14.3	

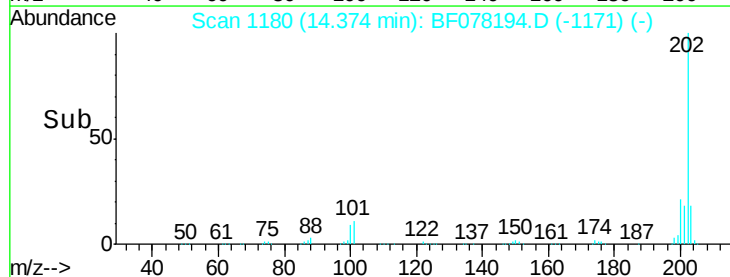
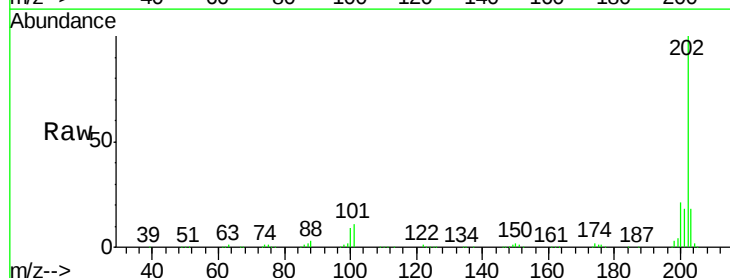
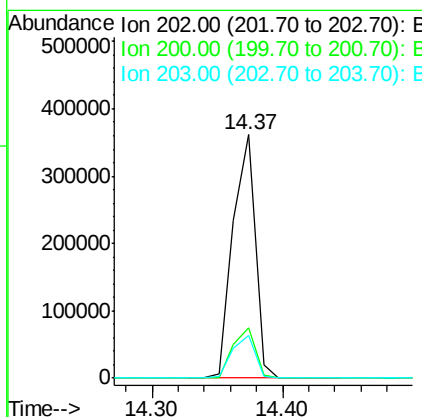
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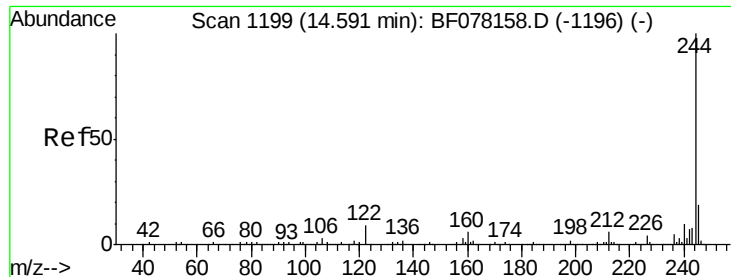
apatel
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#77
Pyrene
Concen: 42.40 ng
RT: 14.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	16.3	24.5	
203	17.7	13.8	20.6	





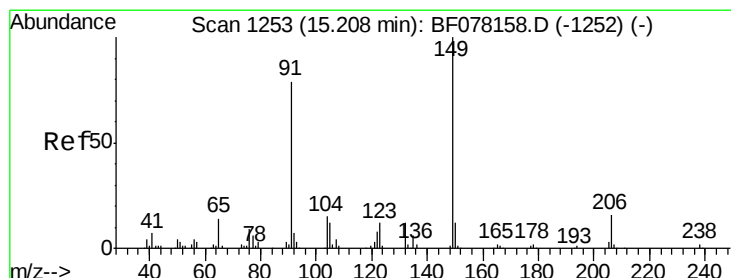
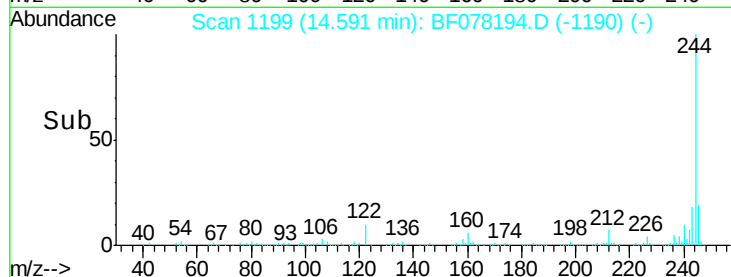
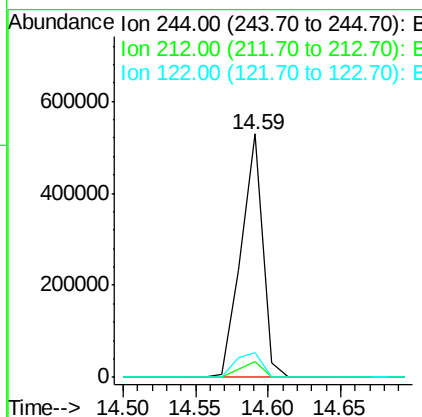
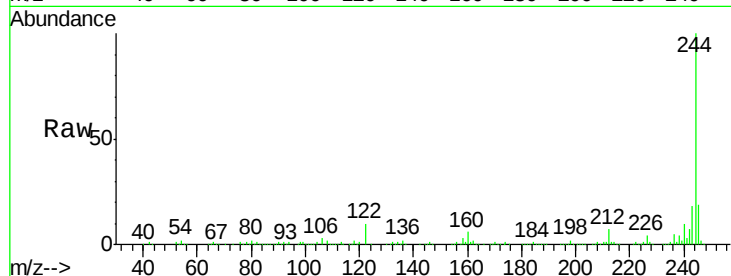
#78
 Terphenyl-d14
 Concen: 76.91 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.0	7.1	10.7

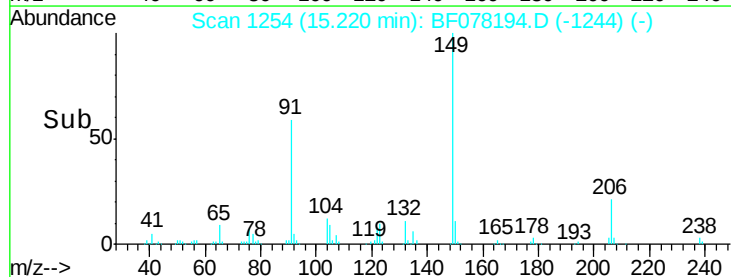
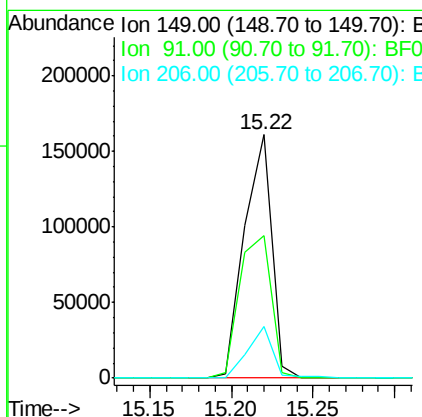
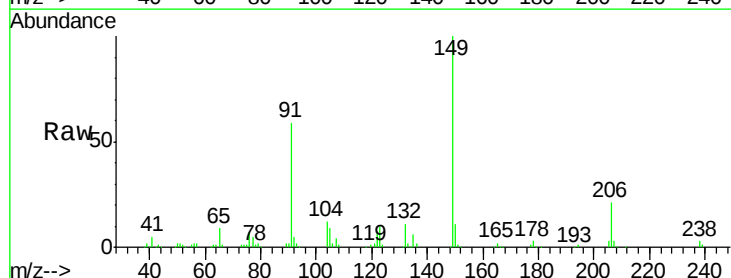
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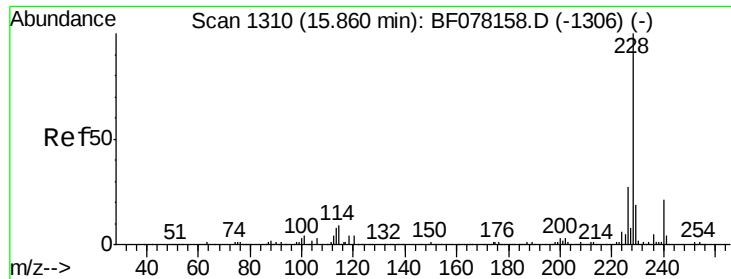
apatel
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#79
 Butylbenzylphthalate
 Concen: 48.92 ng
 RT: 15.22 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.6	64.2	96.2#
206	21.1	12.6	18.8#





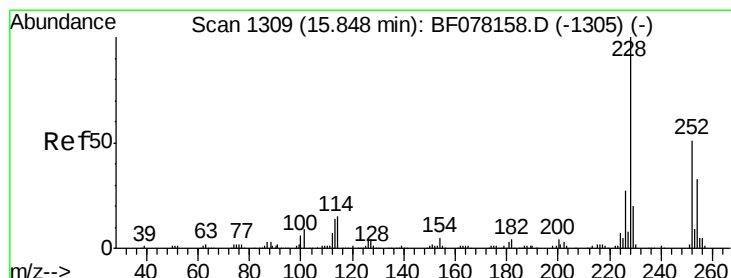
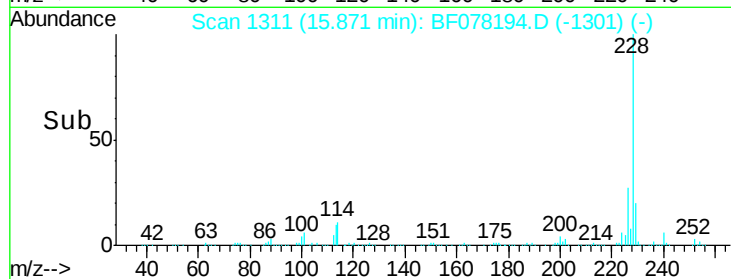
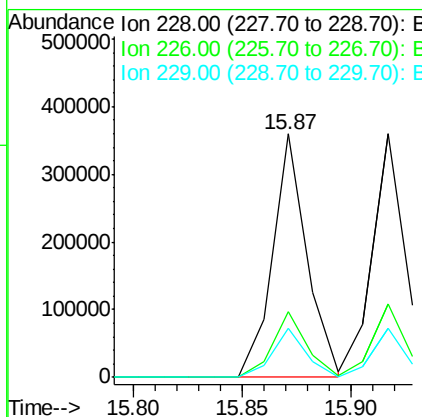
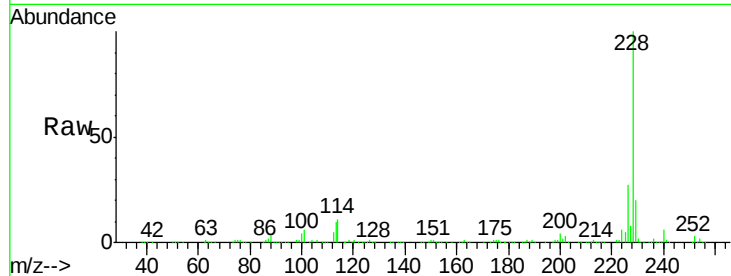
#80
Benzo(a)anthracene
Concen: 41.55 ng
RT: 15.87 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.0	21.3	31.9		
229	19.9	15.4	23.2		

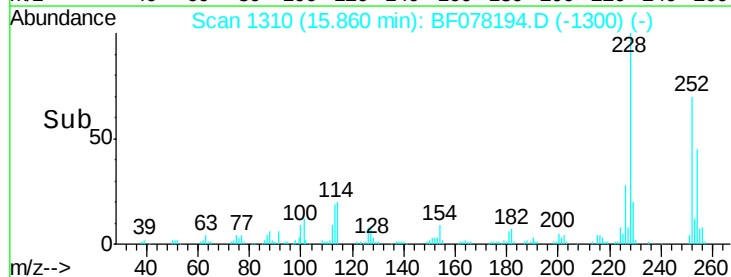
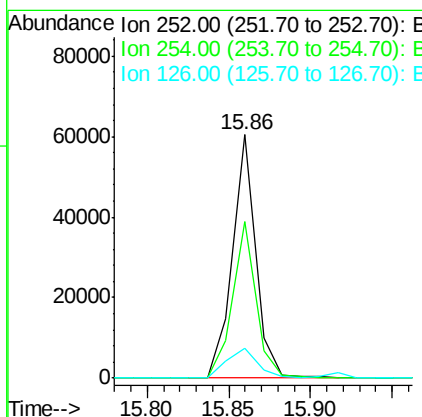
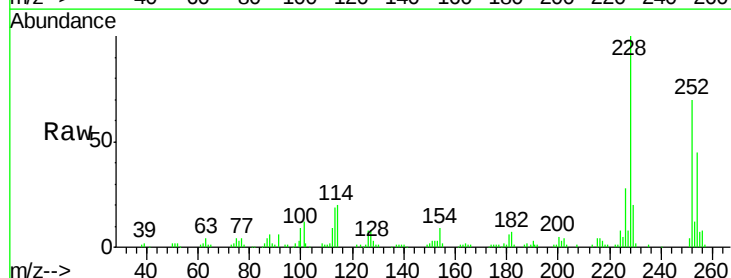
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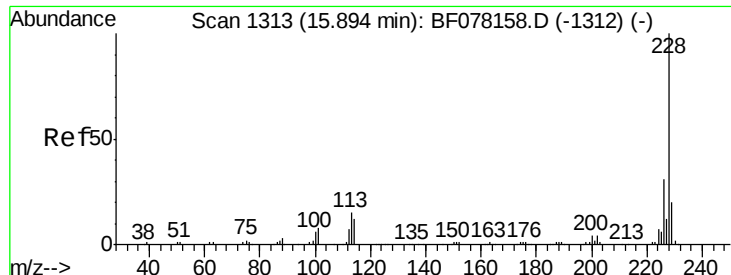
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#81
3,3'-Dichlorobenzidine
Concen: 18.57 ng
RT: 15.86 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.2	51.2	76.8		
126	12.1	6.3	9.5		





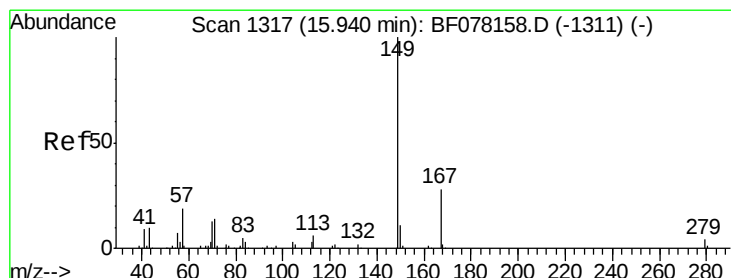
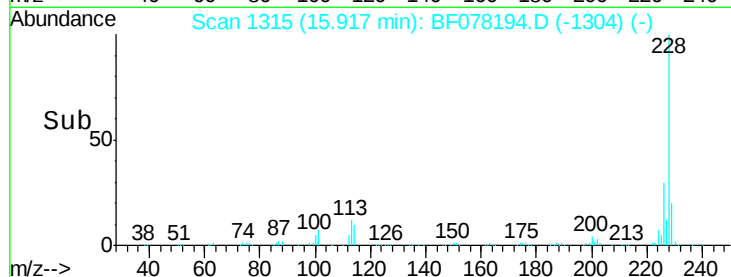
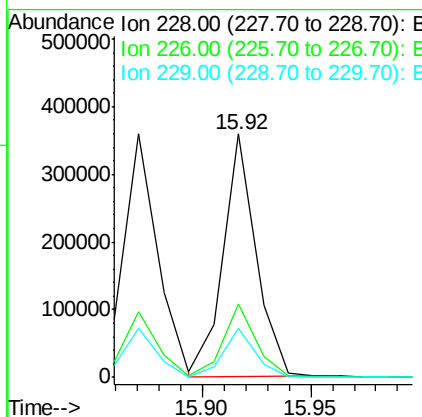
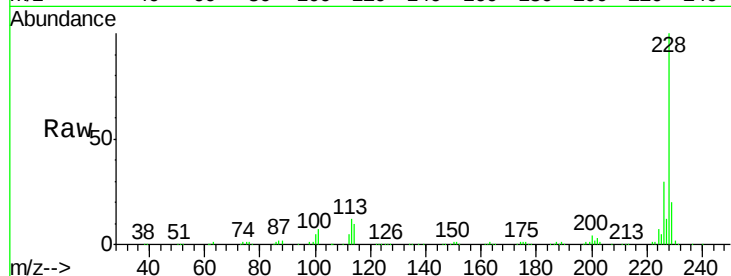
#82
 Chrysene
 Concen: 41.64 ng
 RT: 15.92 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	374647		
226	30.3		24.2	36.4
229	20.1		15.8	23.8

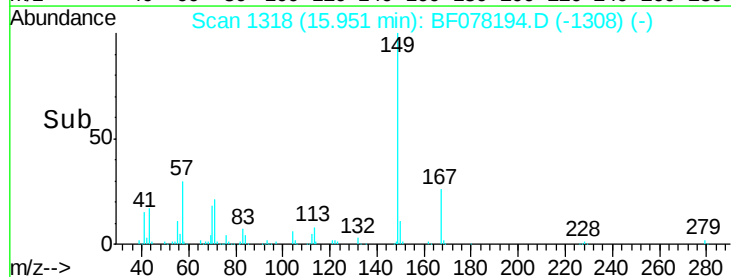
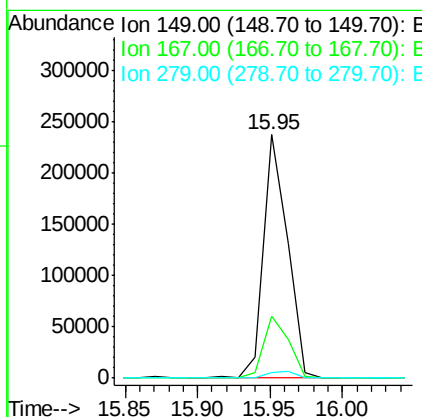
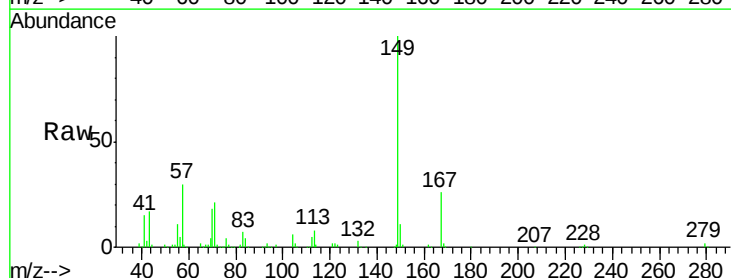
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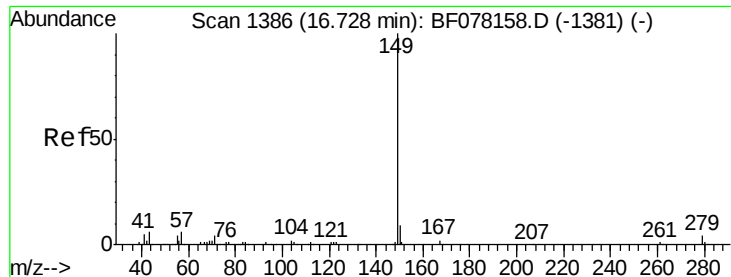
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.27 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	273367		
167	25.6		22.2	33.2
279	2.2		3.2	4.8#





#84

Di-n-octyl phthalate

Concen: 47.34 ng

RT: 16.79 min Scan# 1391

Delta R.T. 0.06 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

PB82450BS

Tot Ion:149 Resp: 469468

Ion Ratio Lower Upper

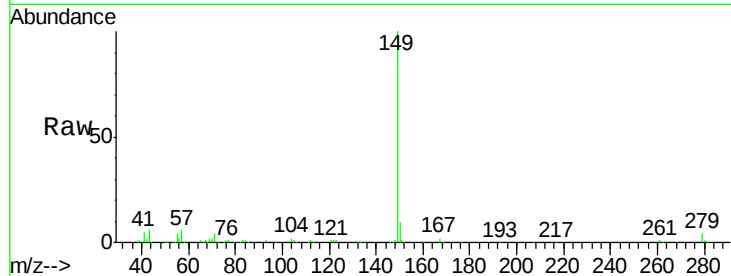
149 100

167 1.6 0.0 0.0#

43 9.0 0.0 0.0#

Manual Integrations
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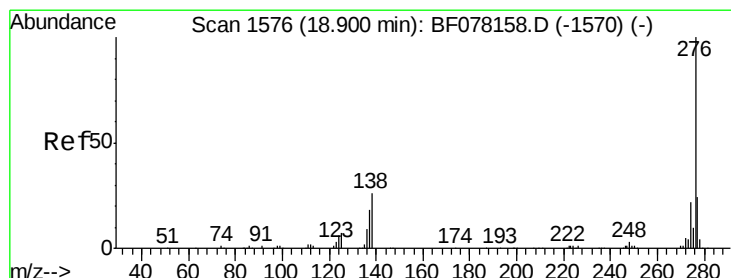
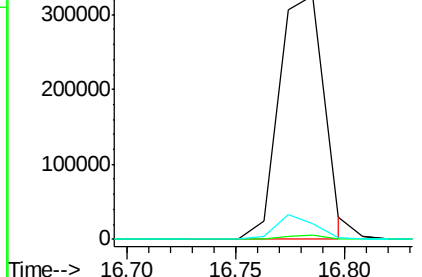
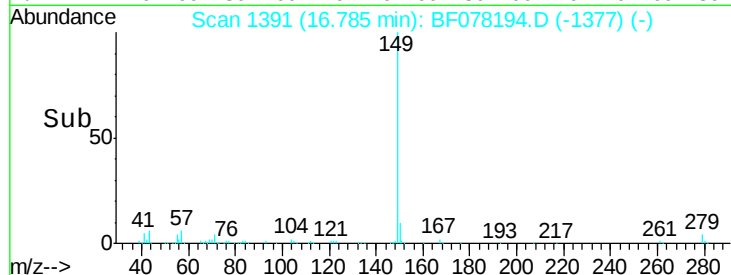
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.46 ng

RT: 19.03 min Scan# 1587

Delta R.T. 0.13 min

Lab File: BF078194.D

Acq: 2 Apr 2015 12:15

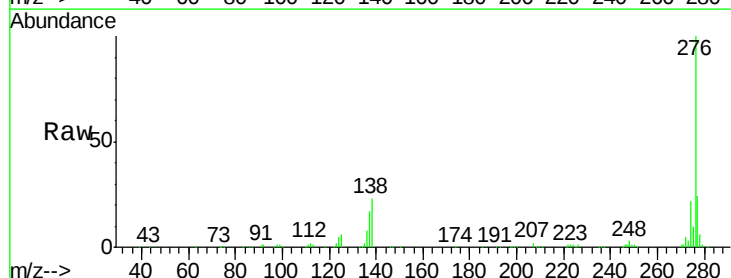
Tgt Ion:276 Resp: 433436

Ion Ratio Lower Upper

276 100

138 29.6 16.9 25.3#

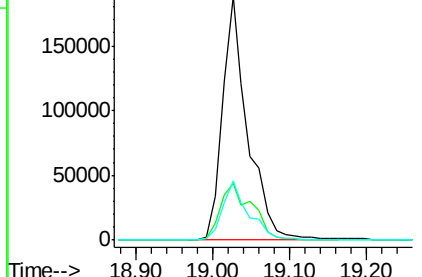
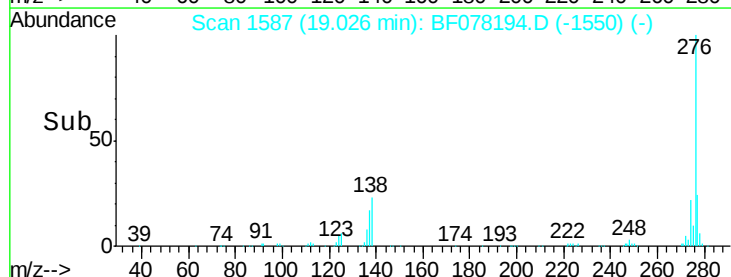
277 25.1 15.8 23.6#

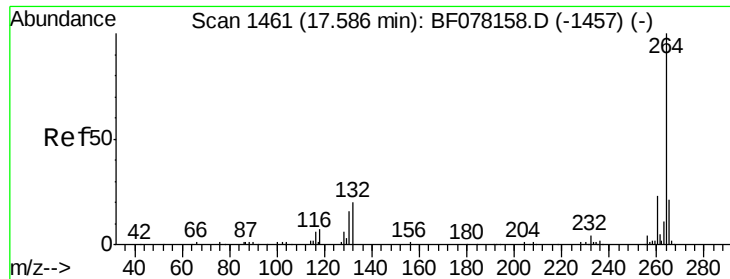


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





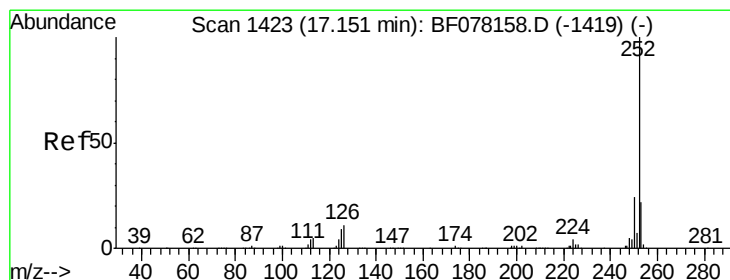
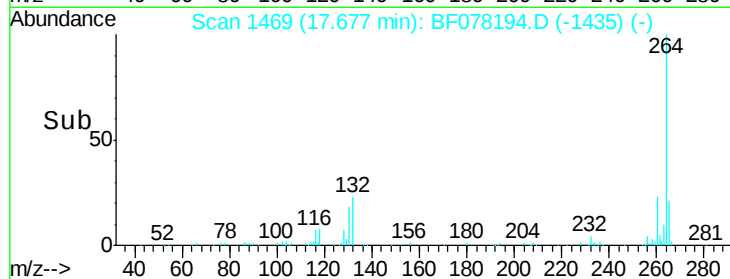
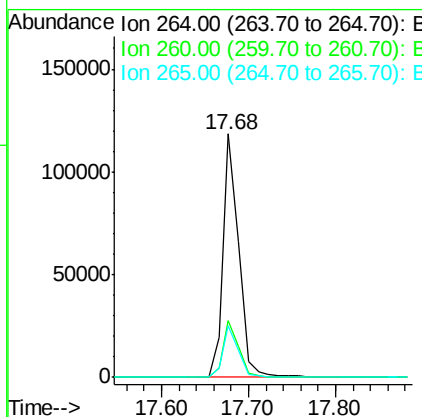
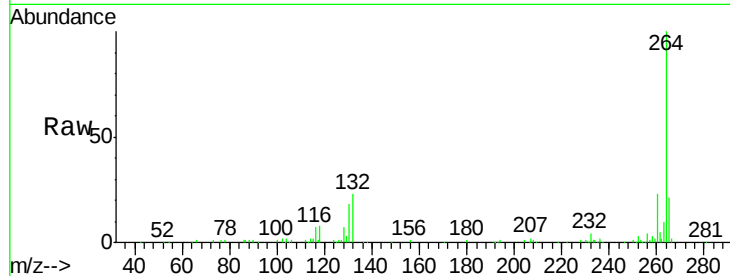
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.09 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.5	17.0	25.6

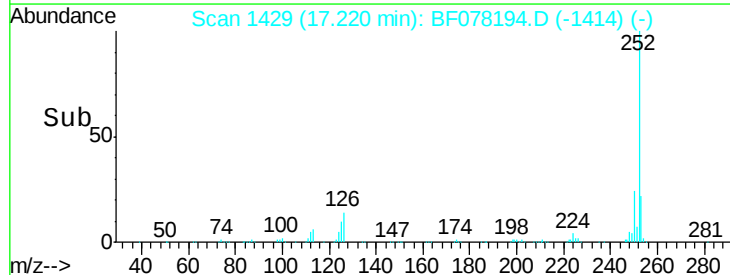
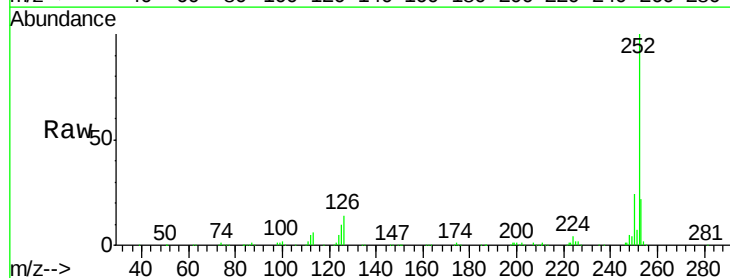
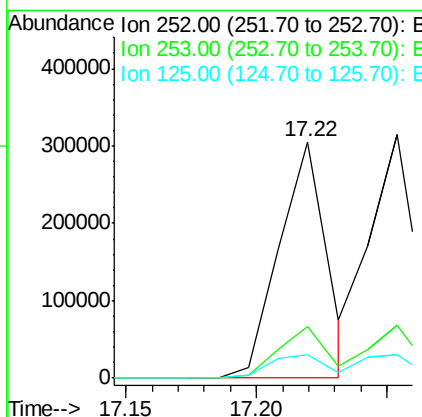
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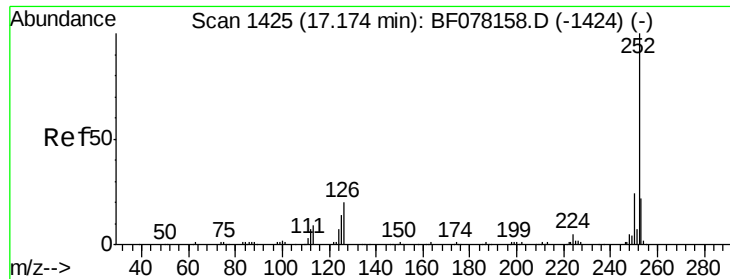
apatel
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#87
Benzo(b)fluoranthene
Concen: 41.36 ng
RT: 17.22 min Scan# 1429
Delta R.T. 0.07 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.1	7.0	10.4





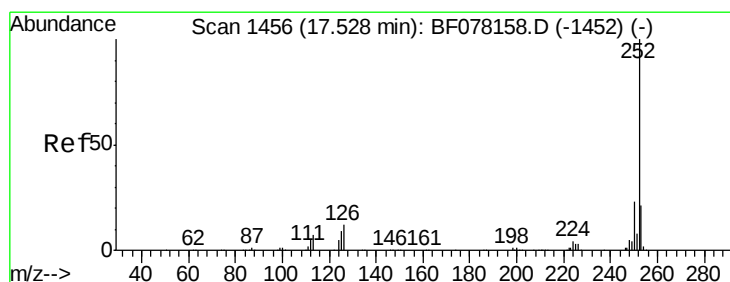
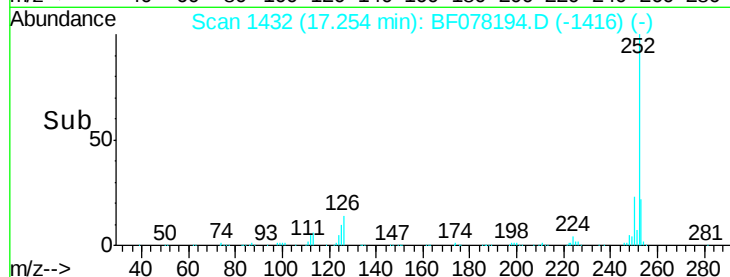
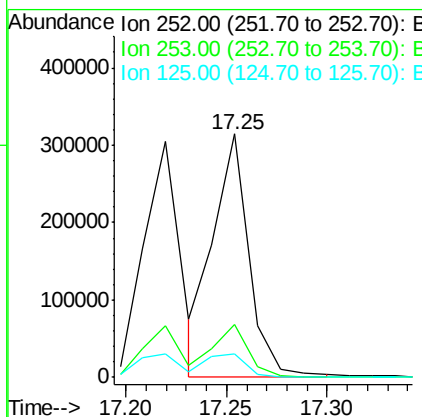
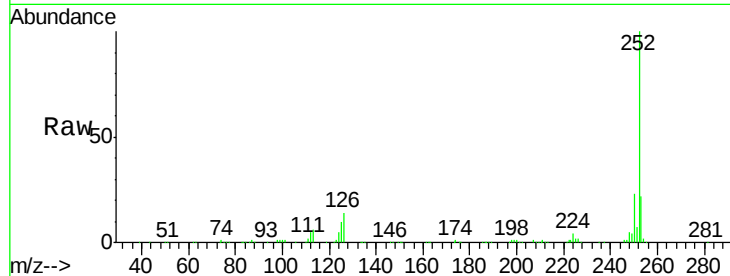
#88
Benzo(k)fluoranthene
Concen: 47.34 ng m
RT: 17.25 min Scan# 1432
Delta R.T. 0.08 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	9.6	11.6	17.4

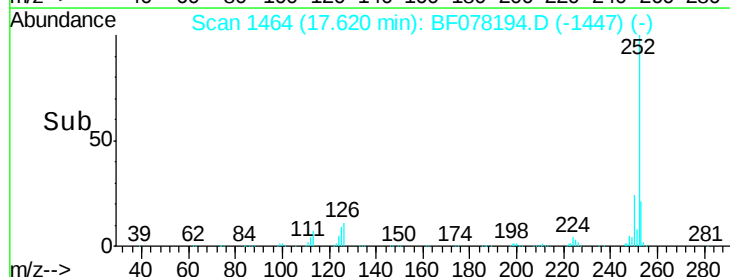
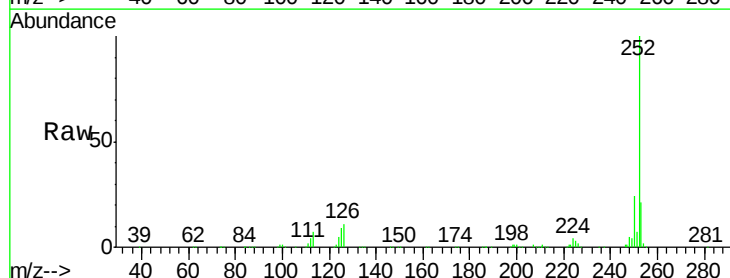
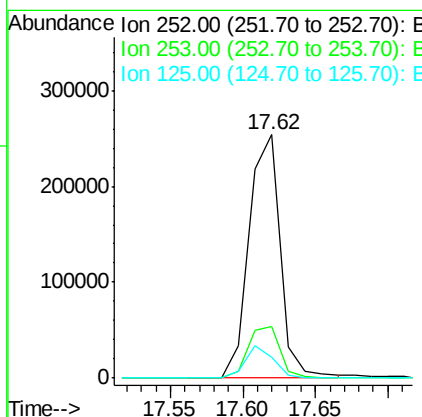
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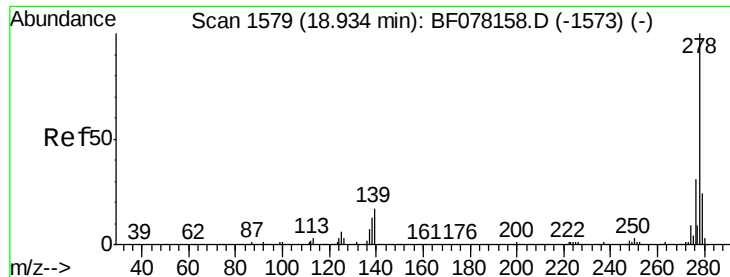
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#89
Benzo(a)pyrene
Concen: 46.90 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.09 min
Lab File: BF078194.D
Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	8.7	7.4	11.0





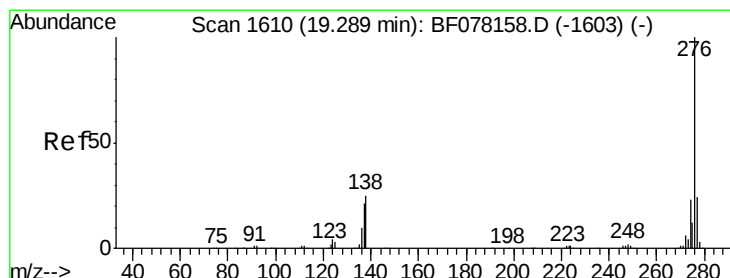
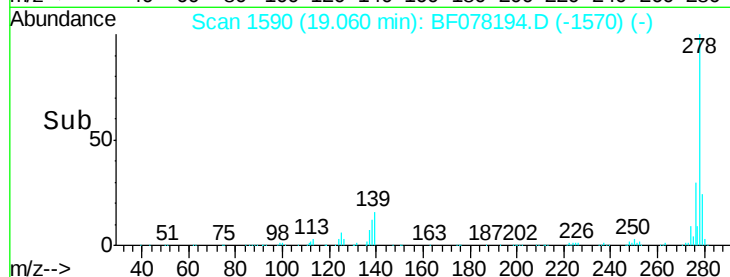
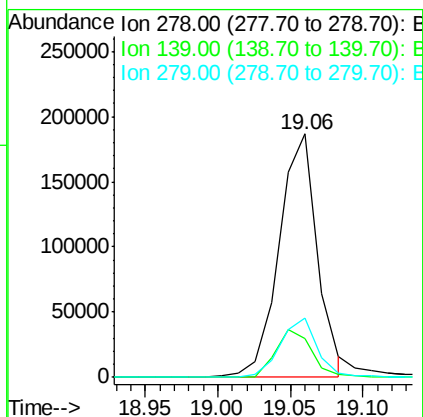
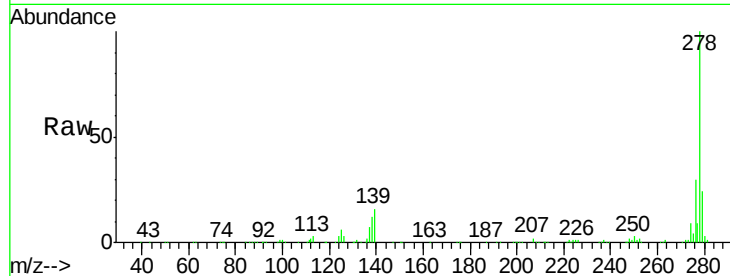
#90
 Dibenzo(a,h)anthracene
 Concen: 42.13 ng
 RT: 19.06 min Scan# 1590
 Delta R.T. 0.13 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleID :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.6	20.4
279	24.4	19.0	28.6

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 43.68 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. 0.13 min
 Lab File: BF078194.D
 Acq: 2 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	21.5	19.9	29.9

