

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078199.D
 Acq On : 2 Apr 2015 14:58
 Operator : TP/IZ
 Sample : PB82469BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:04:17 PM

Quant Time: Apr 03 01:27:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38652	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	160877	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82273	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	152665	20.00	ng	0.00
75) Chrysene-d12	15.87	240	156871	20.00	ng	-0.01
86) Perylene-d12	17.61	264	145824	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	293404	125.16	ng	0.01
7) Phenol-d6	6.60	99	359106	122.23	ng	0.00
23) Nitrobenzene-d5	7.71	82	207521	78.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	89781	131.58	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	454601	78.98	ng	0.00
78) Terphenyl-d14	14.59	244	531729	76.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	34501	32.55	ng	96
3) Pyridine	2.51	79	114192	41.12	ng	97
4) n-Nitrosodimethylamine	2.45	42	45972m	43.01	ng	
6) Aniline	6.60	93	59126	14.19	ng	# 74
8) 2-Chlorophenol	6.75	128	118564	42.77	ng	99
10) Phenol	6.62	94	141937	40.32	ng	98
11) bis(2-Chloroethyl)ether	6.72	93	112479	44.43	ng	99
12) 1,3-Dichlorobenzene	6.93	146	121225	39.81	ng	98
13) 1,4-Dichlorobenzene	7.04	146	126939	41.42	ng	98
14) 1,2-Dichlorobenzene	7.22	146	118770	41.33	ng	98
15) Benzyl Alcohol	7.21	79	89553	43.38	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	147059	43.55	ng	100
17) 2-Methylphenol	7.37	107	93513	43.45	ng	98
18) Hexachloroethane	7.63	117	42385	41.01	ng	# 73
19) n-Nitroso-di-n-propylamine	7.55	70	80839	41.70	ng	98
20) 3+4-Methylphenols	7.56	107	124862	43.49	ng	99
22) Acetophenone	7.53	105	159973	42.68	ng	# 89
24) Nitrobenzene	7.73	77	112729	40.63	ng	# 79
25) Isophorone	8.04	82	214715	42.62	ng	98
26) 2-Nitrophenol	8.13	139	57723	43.66	ng	97
27) 2,4-Dimethylphenol	8.21	122	105060	42.73	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	142373	44.08	ng	99
29) 2,4-Dichlorophenol	8.44	162	98450	44.01	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	106003	41.33	ng	99
31) Naphthalene	8.62	128	340052	40.61	ng	100
32) Benzoic acid	8.34	122	40719	36.76	ng	94
33) 4-Chloroaniline	8.70	127	55022	15.84	ng	99
34) Hexachlorobutadiene	8.77	225	57442	40.79	ng	98
35) Caprolactam	9.14	113	29525	44.22	ng	# 75
36) 4-Chloro-3-methylphenol	9.32	107	98998	43.86	ng	97
37) 2-Methylnaphthalene	9.48	142	241577	42.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	101391	39.77	ng	98
40) Hexachlorocyclopentadiene	9.68	237	93548	84.80	ng	97
42) 2,4,6-Trichlorophenol	9.84	196	67186	41.79	ng	99

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Quant Time: Apr 03 01:27:33 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	9.89	196	72391	43.10	nq	# 84
45) 1,1'-Biphenyl	10.06	154	280899	41.74	nq	99
46) 2-Chloronaphthalene	10.08	162	216563	40.90	nq	99
47) 2-Nitroaniline	10.21	65	56301	42.98	nq	95
48) Acenaphthylene	10.59	152	349821	40.91	nq	99
49) Dimethylphthalate	10.45	163	253044	40.94	nq	99
50) 2,6-Dinitrotoluene	10.53	165	56828	44.69	nq	99
51) Acenaphthene	10.80	154	202078	41.98	nq	98
52) 3-Nitroaniline	10.73	138	33426	23.12	nq	98
53) 2,4-Dinitrophenol	10.86	184	35743	74.74	nq	98
54) Dibenzofuran	11.01	168	308477	41.95	nq	100
55) 4-Nitrophenol	10.97	139	84733	79.60	nq	93
56) 2,4-Dinitrotoluene	11.02	165	75562	45.88	nq	97
57) Fluorene	11.44	166	251665	42.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	55794	44.81	nq	99
59) Diethylphthalate	11.33	149	257794	43.26	nq	99
60) 4-Chlorophenyl-phenylether	11.45	204	115892	42.27	nq	# 74
61) 4-Nitroaniline	11.48	138	54920	37.57	nq	98
62) Azobenzene	11.64	77	232923	42.82	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	27169	38.02	nq	98
65) n-Nitrosodiphenylamine	11.61	169	221819	42.01	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	69498	42.98	nq	98
67) Hexachlorobenzene	12.11	284	75296	42.50	nq	98
68) Atrazine	12.28	200	70714	46.23	nq	97
69) Pentachlorophenol	12.36	266	64464	81.85	nq	99
70) Phenanthrene	12.63	178	381835	43.24	nq	99
71) Anthracene	12.68	178	372702	42.83	nq	99
72) Carbazole	12.90	167	357811	43.88	nq	98
73) Di-n-butylphthalate	13.36	149	402816	43.60	nq	99
74) Fluoranthene	14.09	202	395085	42.42	nq	98
76) Benzidine	14.28	184	183593	30.39	nq	99
77) Pyrene	14.37	202	423791	43.03	nq	99
79) Butylbenzylphthalate	15.21	149	176588	47.05	nq	95
80) Benzo(a)anthracene	15.86	228	394870	42.31	nq	100
81) 3,3'-Dichlorobenzidine	15.85	252	58838	18.82	nq	# 98
82) Chrysene	15.91	228	366719	41.82	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	264243	44.89	nq	98
84) Di-n-octyl phthalate	16.73	149	455640	47.14	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.92	276	418327	42.04	nq	# 87
87) Benzo(b)fluoranthene	17.16	252	377058	41.84	nq	99
88) Benzo(k)fluoranthene	17.19	252	352637	44.03	nq	99
89) Benzo(a)pyrene	17.54	252	351859	44.73	nq	# 95
90) Dibenzo(a,h)anthracene	18.96	278	328692	41.74	nq	99
91) Benzo(g,h,i)perylene	19.31	276	345549	43.77	nq	97

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

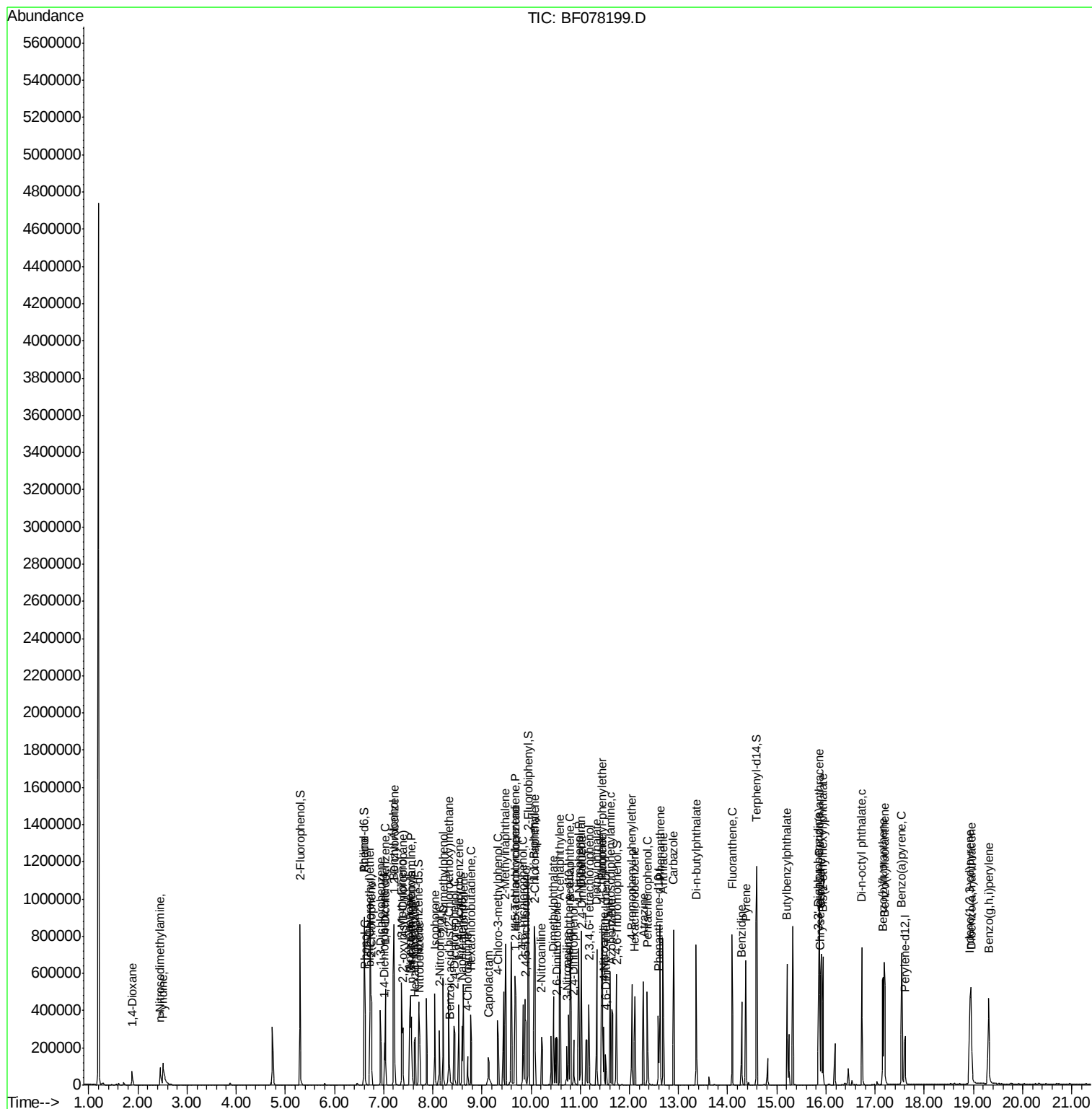
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\  
Data File : BF078199.D  
Acq On    : 2 Apr 2015 14:58  
Operator  : TP/IZ  
Sample    : PB82469BS  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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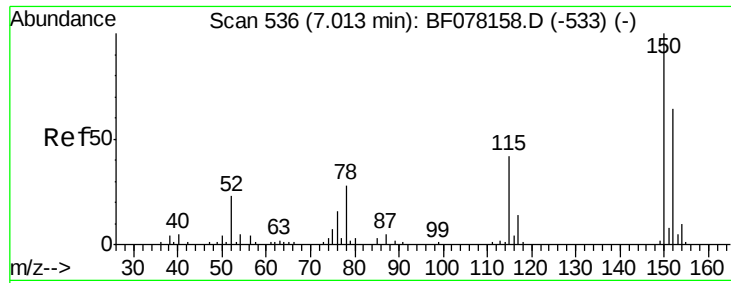
Instrument :
BNA_F
ClientSampleId :
PB82469BS

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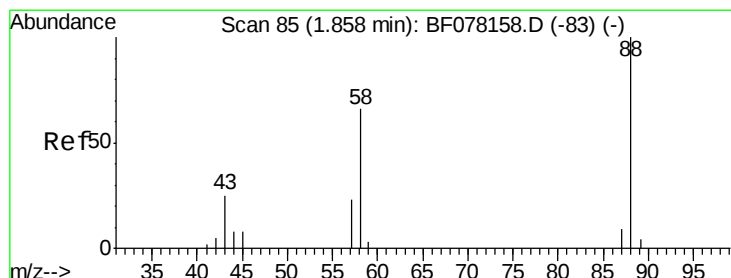
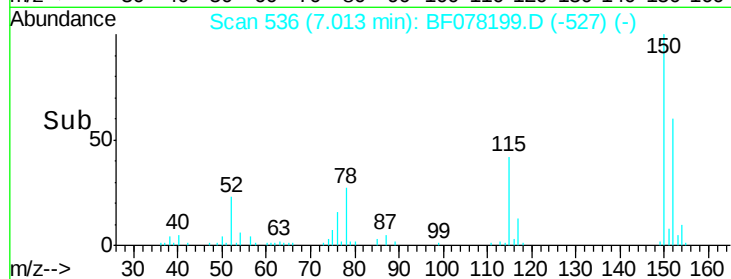
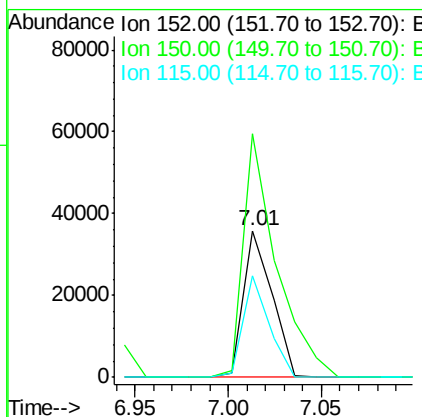
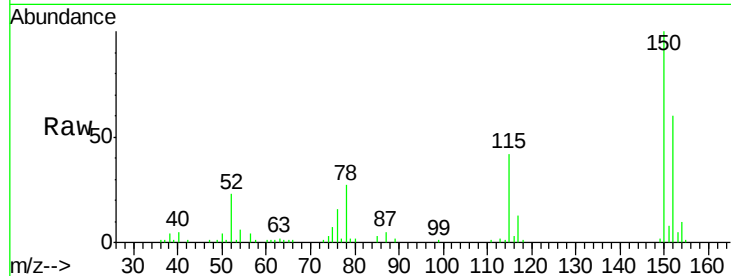
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	125.9	188.9
115	68.8	52.7	79.1

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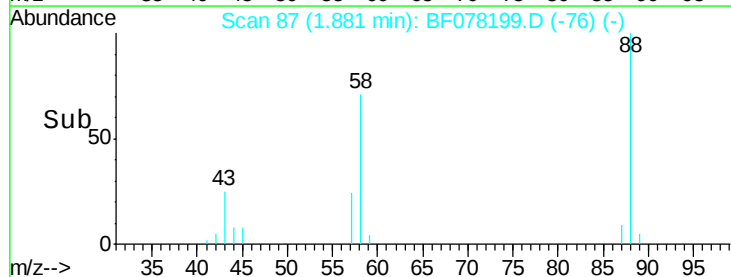
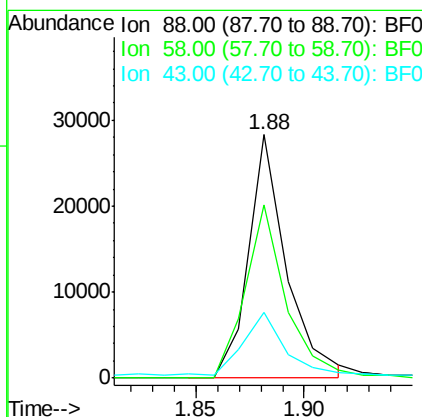
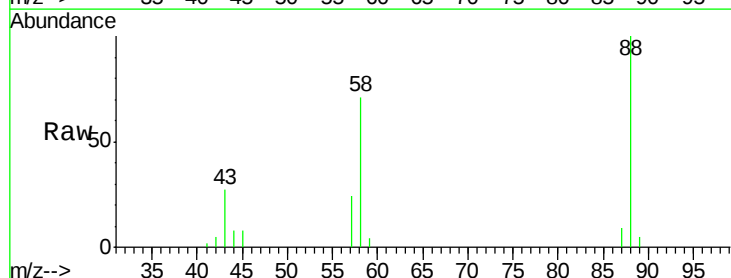
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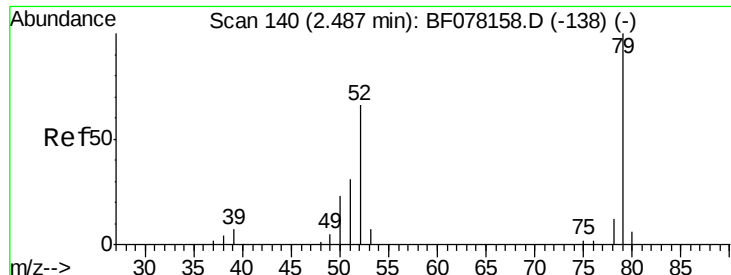


#2

1,4-Dioxane
Concen: 32.55 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	56.9	85.3
43	26.7	21.4	32.2





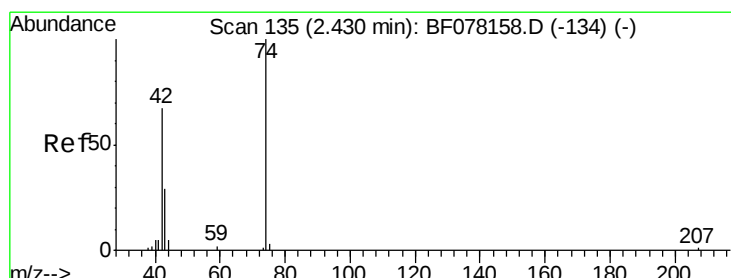
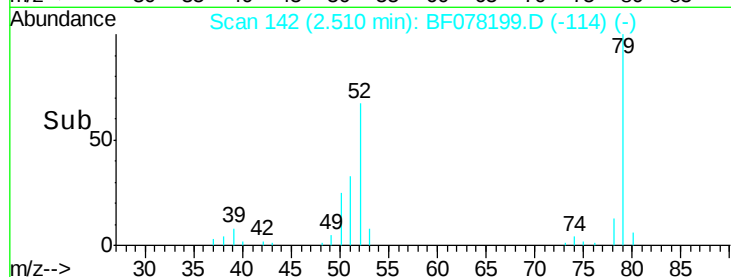
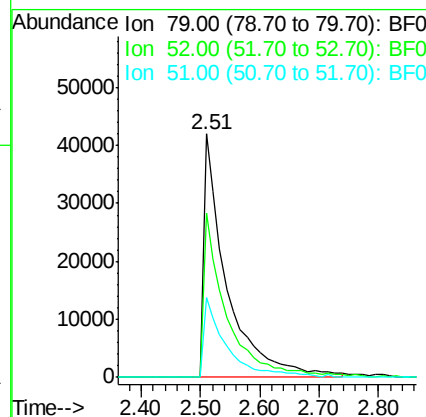
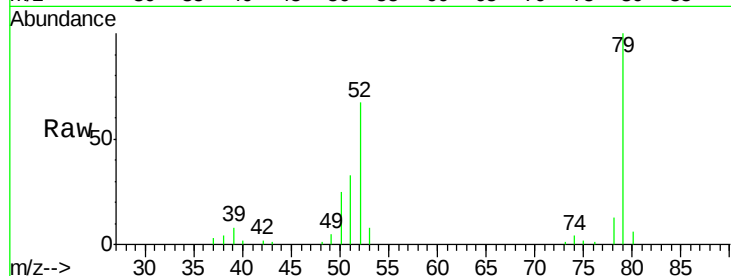
#3
 Pvridine
 Concen: 41.12 ng
 RT: 2.51 min Scan# 142
 Delta R.T. 0.02 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	67.5	52.4	78.6		
51	32.6	24.9	37.3		

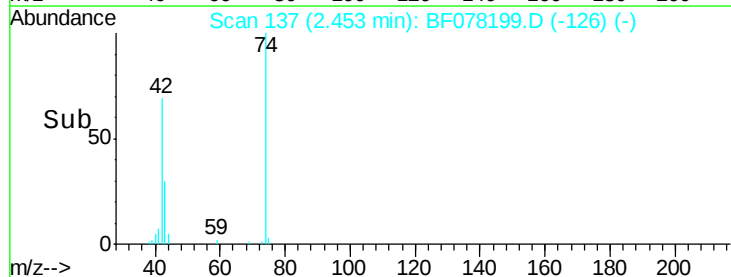
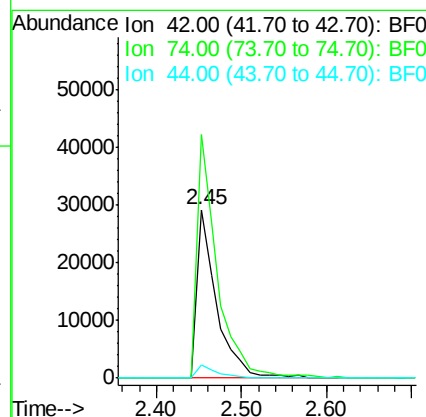
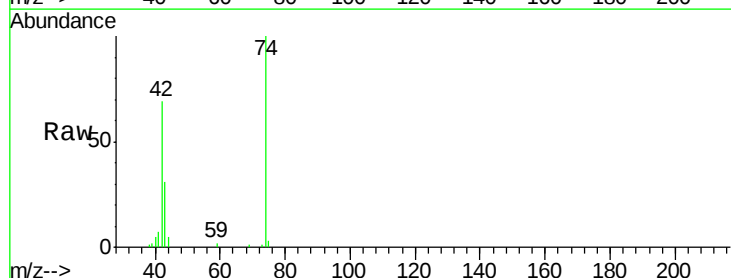
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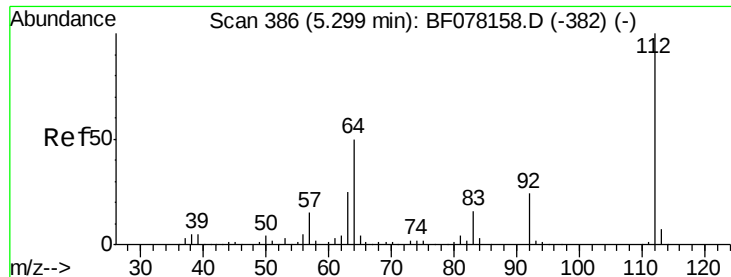
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#4
 n-Nitrosodimethylamine
 Concen: 43.01 ng m
 RT: 2.45 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	144.3	118.7	178.1		
44	7.6	5.9	8.9		





#5

2-Fluorophenol

Concen: 125.16 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

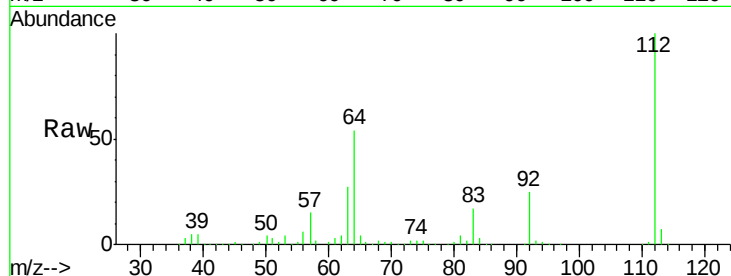
ClientSampleId :

PB82469BS

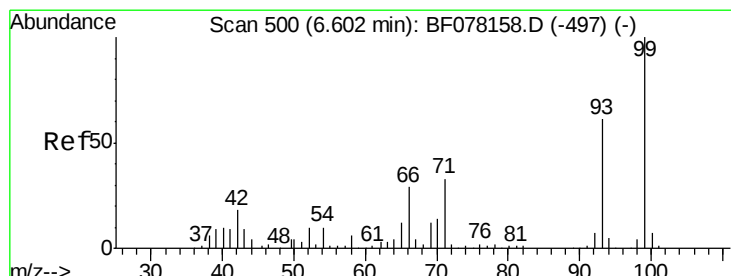
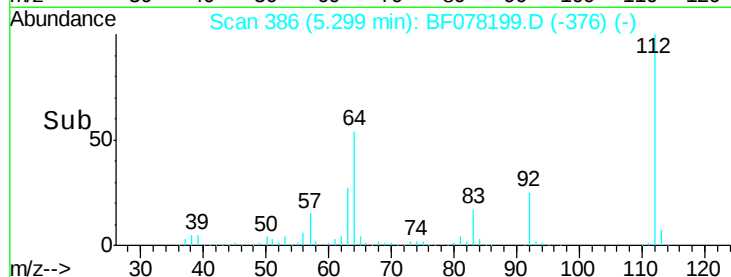
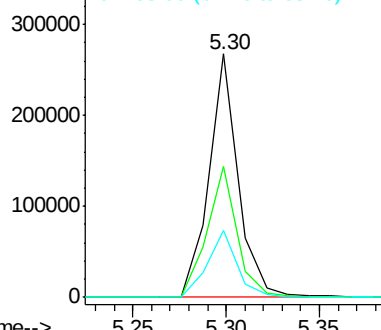
Tot Ion:	112	Resp:	293404
Ion Ratio	Lower	Upper	
112	100		
64	53.7	39.9	59.9
63	27.5	20.2	30.4

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 14.19 ng

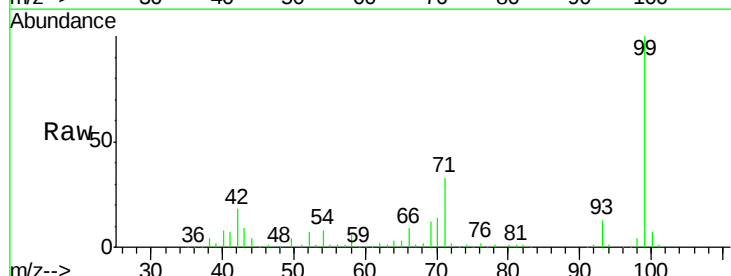
RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

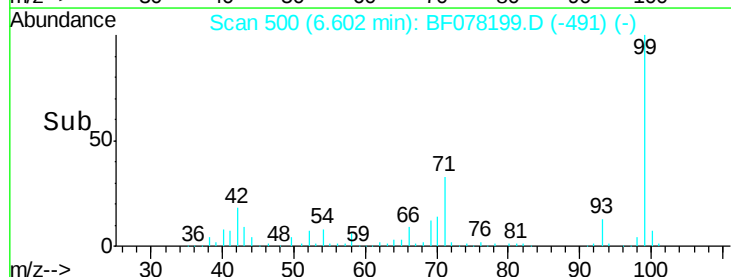
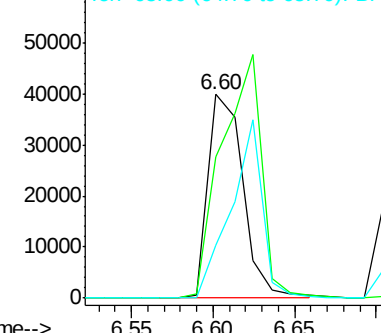
Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:	93	Resp:	59126
Ion Ratio	Lower	Upper	
93	100		
66	69.3	38.0	57.0#
65	25.8	16.3	24.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.23 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

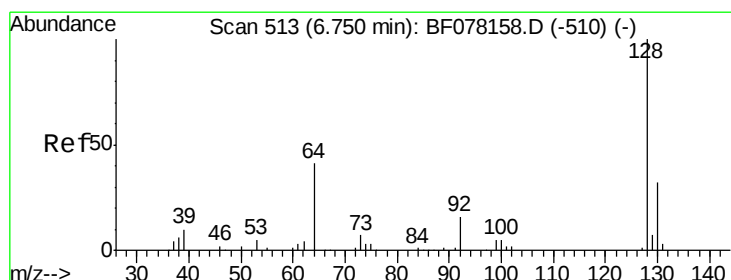
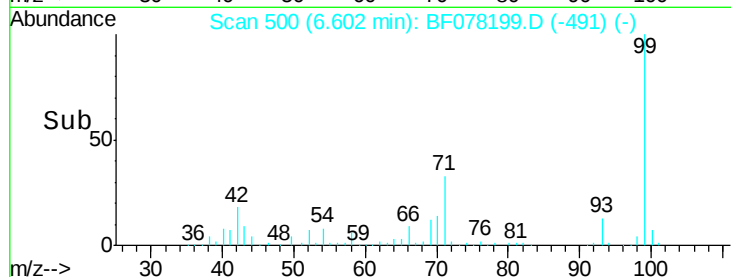
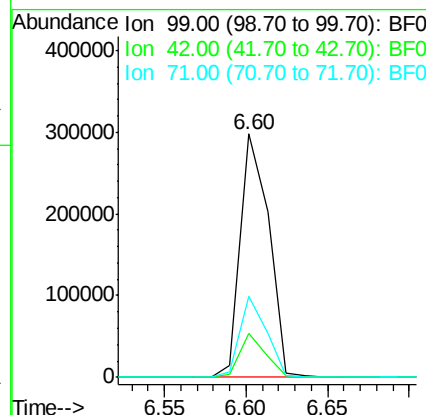
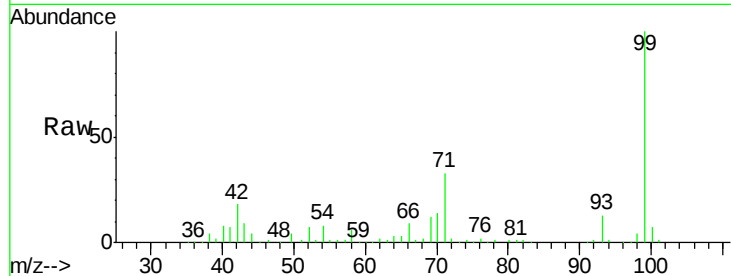
ClientSampleId :

PB82469BS

Tot Ion:	99	Resp:	359106
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.8	22.2
71	33.4	26.6	39.8

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#8

2-Chlorophenol

Concen: 42.77 ng

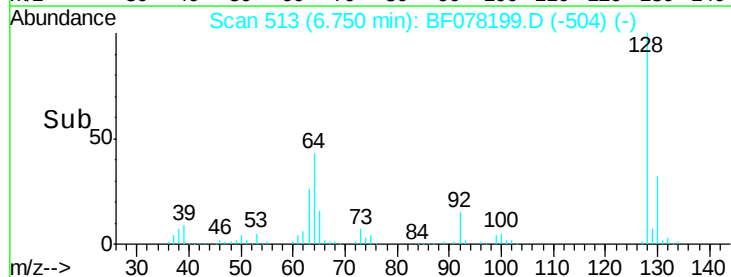
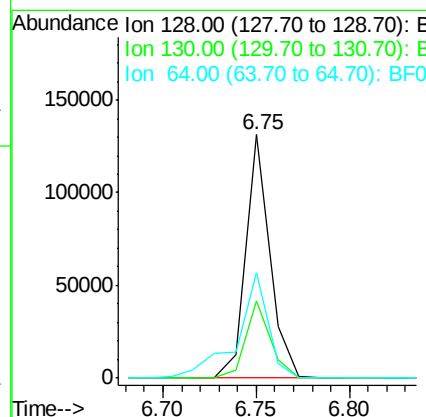
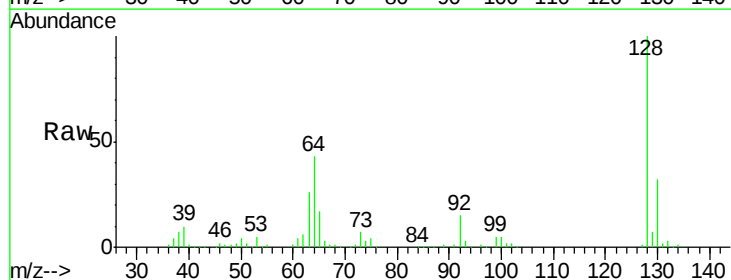
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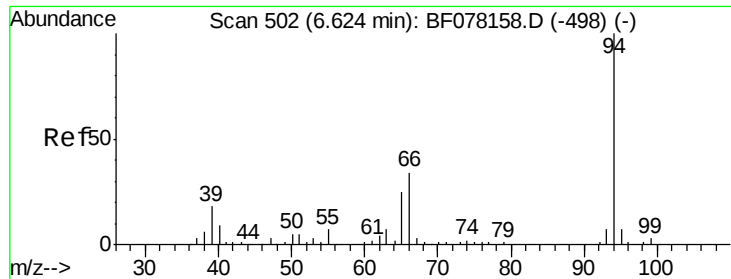
Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:	128	Resp:	118564
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.3	52.3
64	43.1	23.8	63.8





#10

Phenol

Concen: 40.32 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

ClientSampleId :

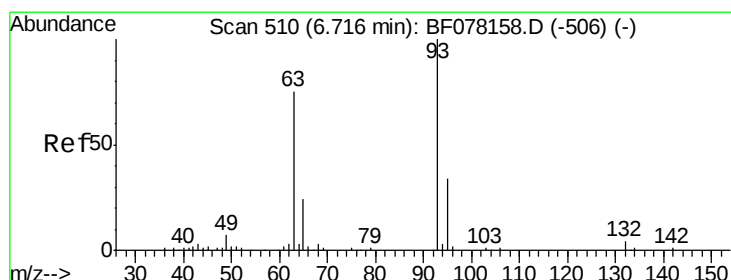
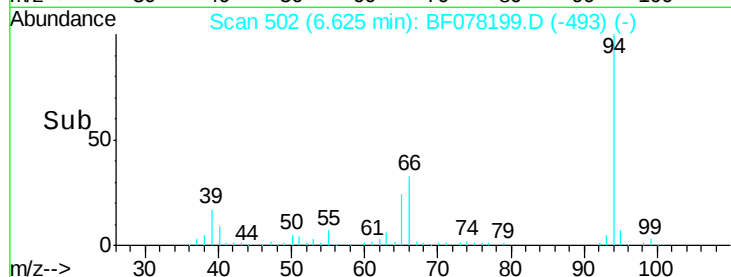
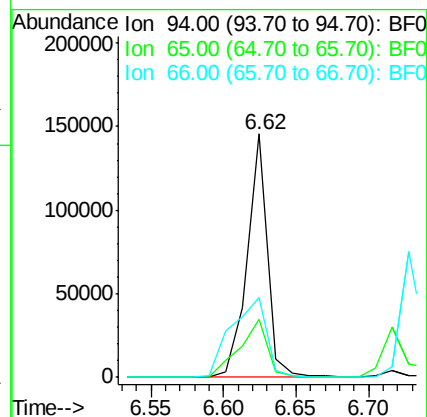
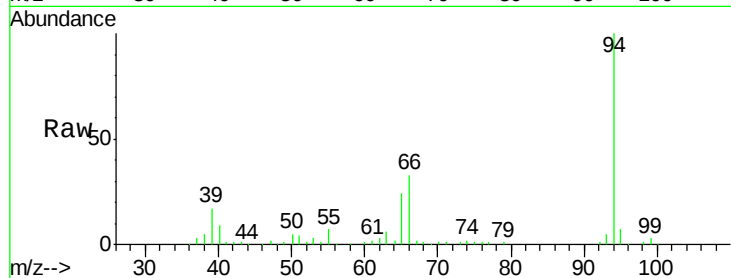
PB82469BS

Tot Ion: 94 Resp: 141937

Ion	Ratio	Lower	Upper
94	100		
65	23.9	4.9	44.9
66	32.7	13.8	53.8

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#11

bis(2-Chloroethyl)ether

Concen: 44.43 ng

RT: 6.72 min Scan# 510

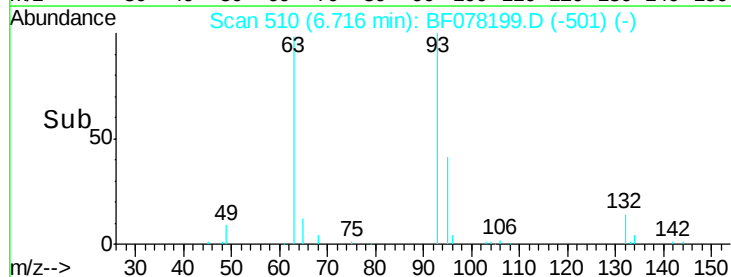
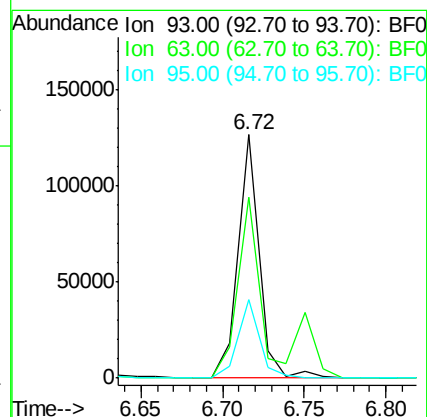
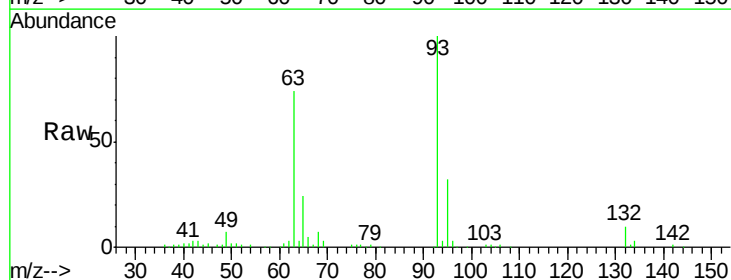
Delta R.T. 0.00 min

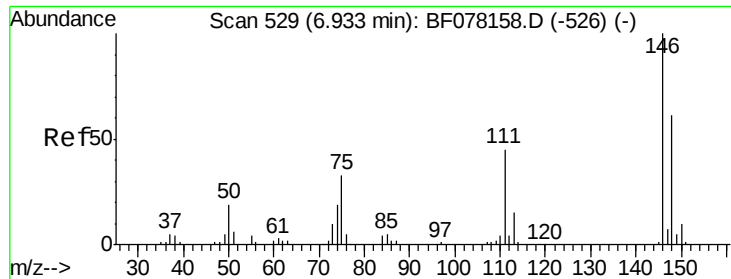
Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion: 93 Resp: 112479

Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.6	94.6
95	32.1	13.6	53.6





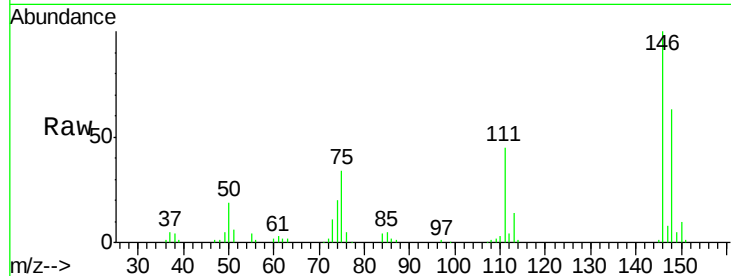
#12
 1,3-Dichlorobenzene
 Concen: 39.81 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampled :
 PB82469BS

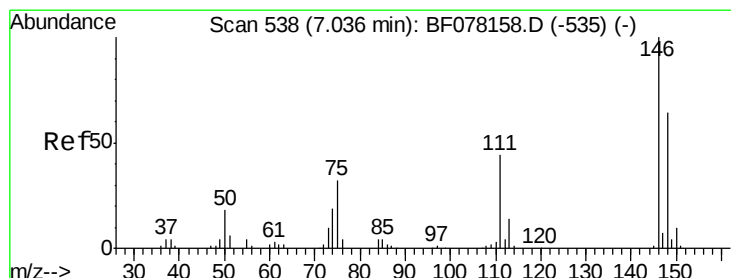
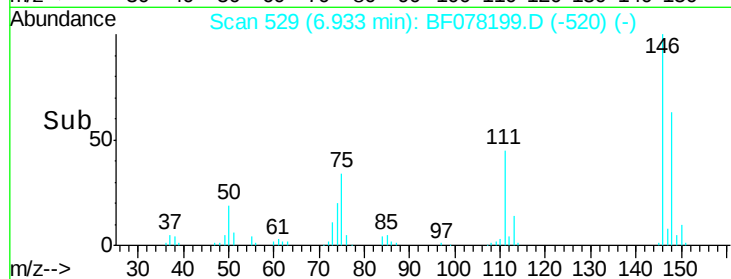
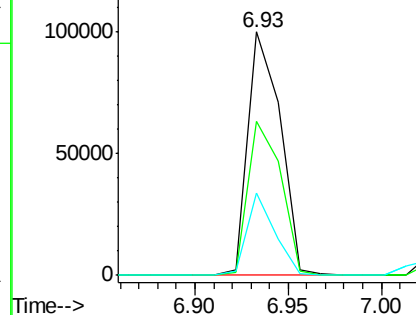
Tot Ion	Ratio	Resp	Lower	Upper
146	100	121225		
148	63.5	49.1	73.7	
75	33.8	26.6	40.0	

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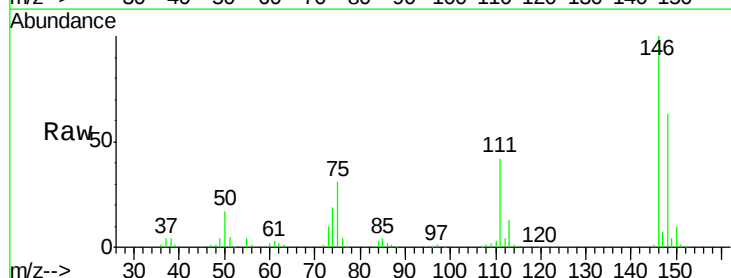


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

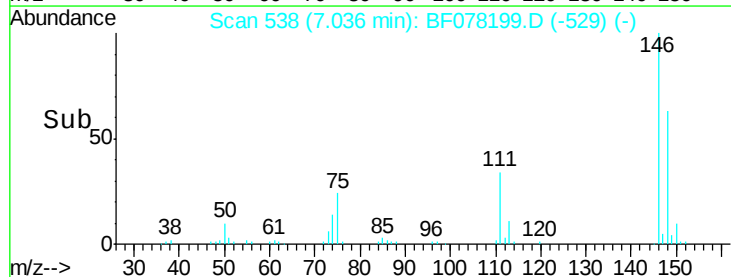
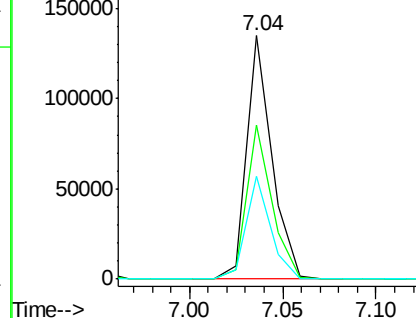


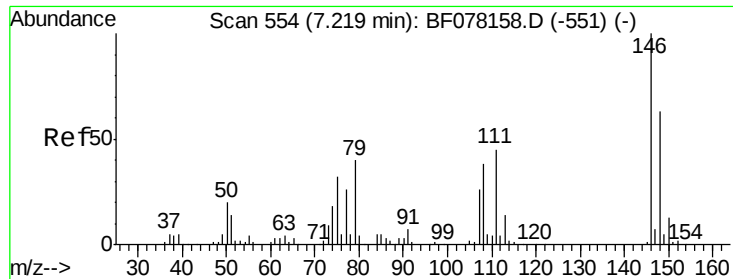
#13
 1,4-Dichlorobenzene
 Concen: 41.42 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	126939		
148	63.4	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





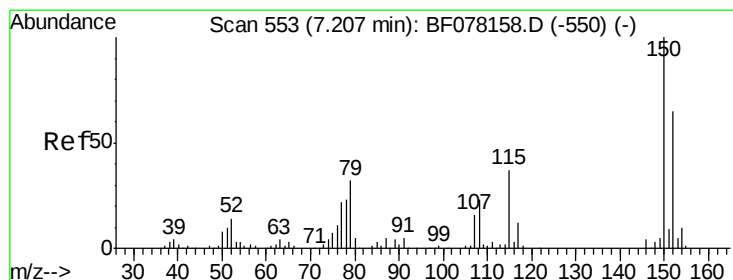
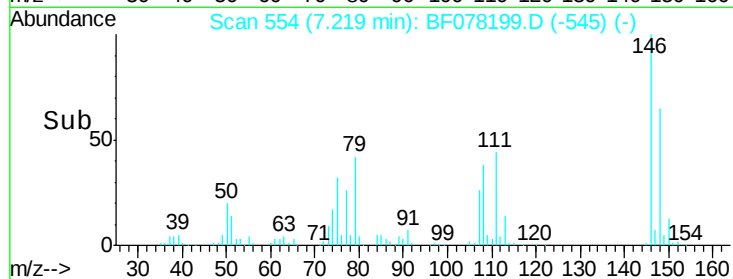
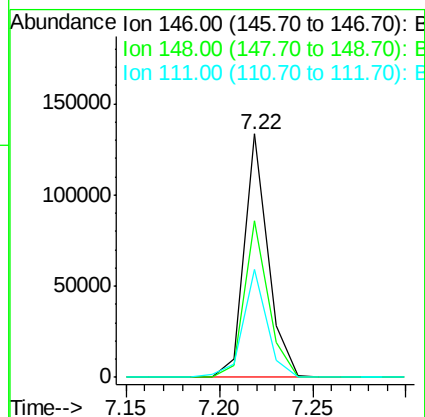
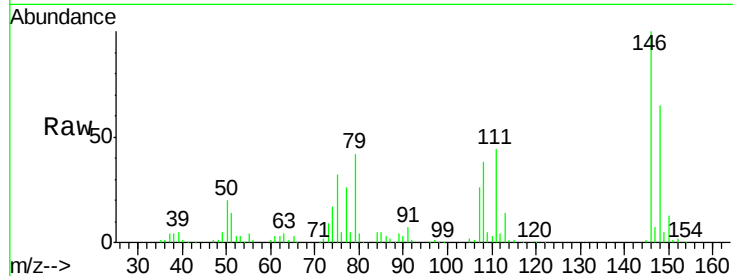
#14
1,2-Dichlorobenzene
Concen: 41.33 ng
RT: 7.22 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampled :
PB82469BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		118770		
148	64.5	50.2		75.4	
111	44.5	36.1		54.1	

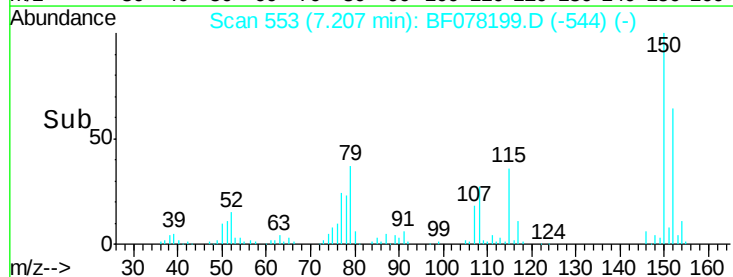
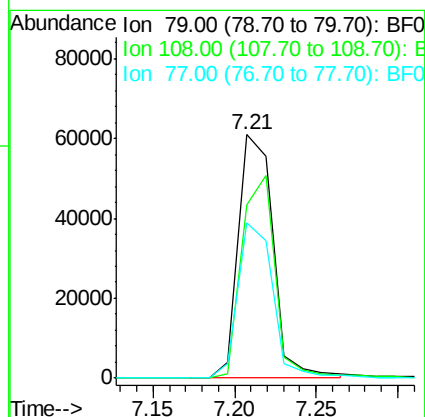
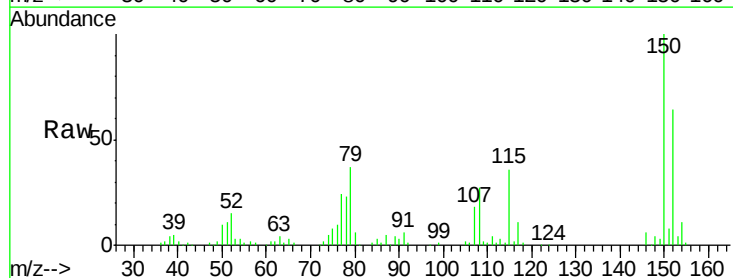
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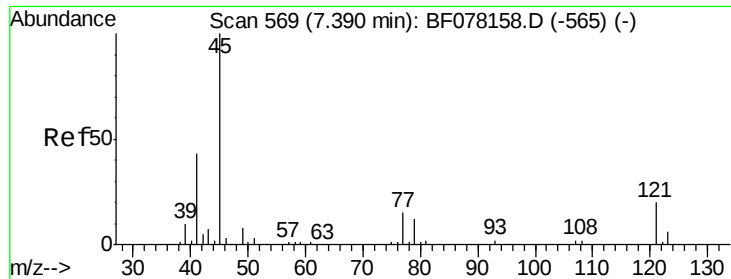
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#15
Benzyl Alcohol
Concen: 43.38 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		89553		
108	71.3	57.6		86.4	
77	63.7	53.5		80.3	





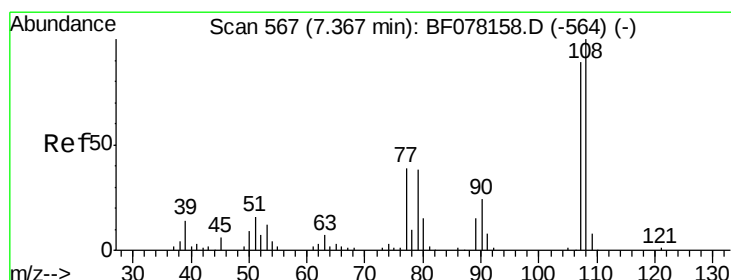
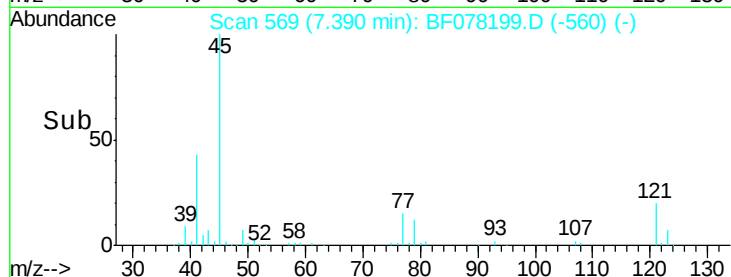
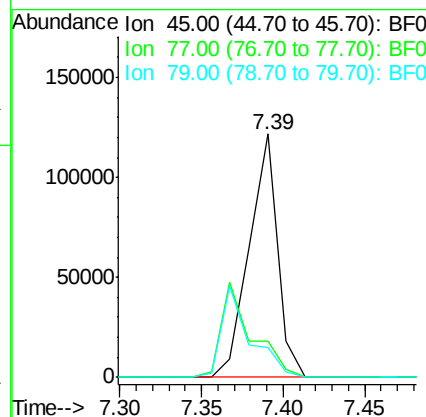
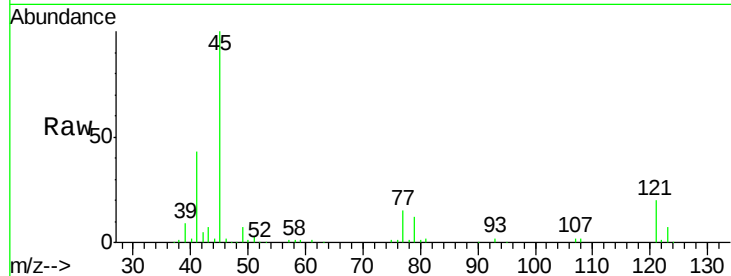
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.55 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.7	0.0	34.5	
79	12.0	0.0	31.9	

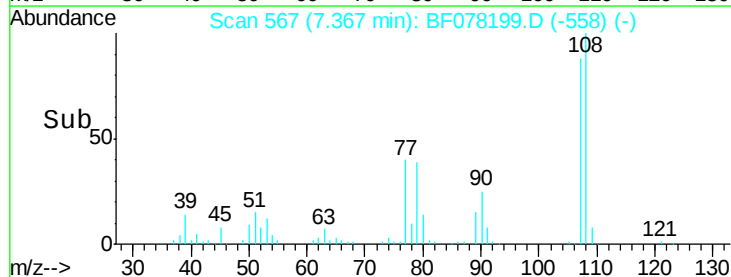
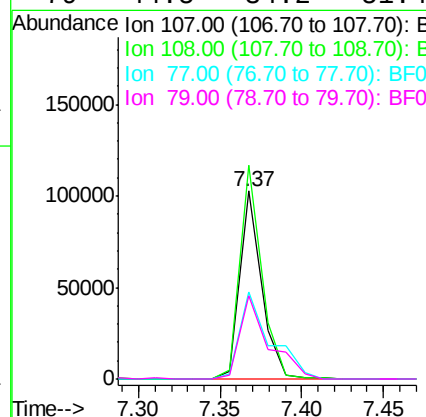
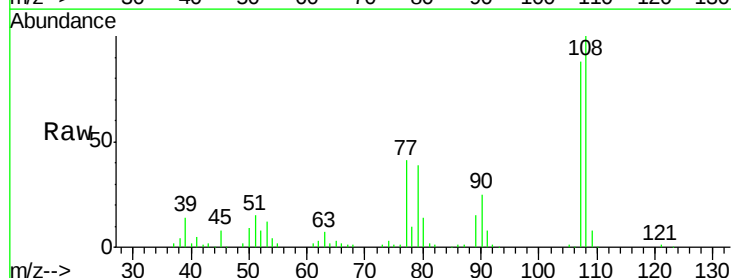
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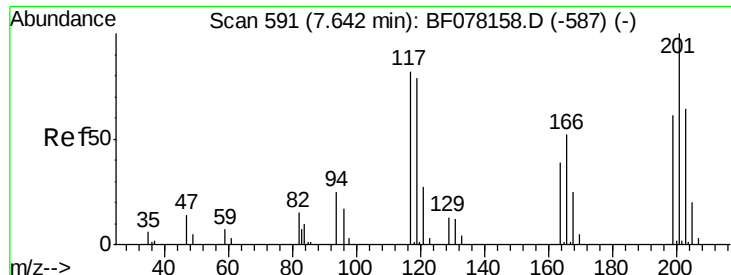
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#17
2-Methylphenol
Concen: 43.45 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.3	135.5	
77	46.3	35.5	53.3	
79	44.5	34.2	51.4	





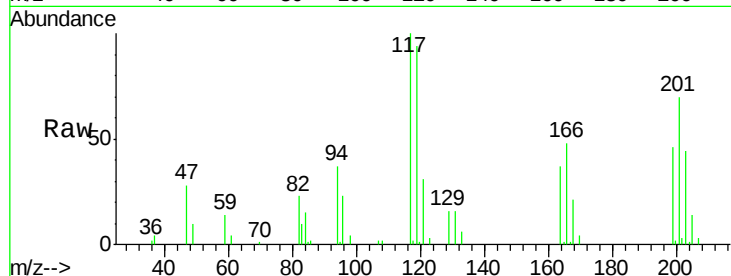
#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

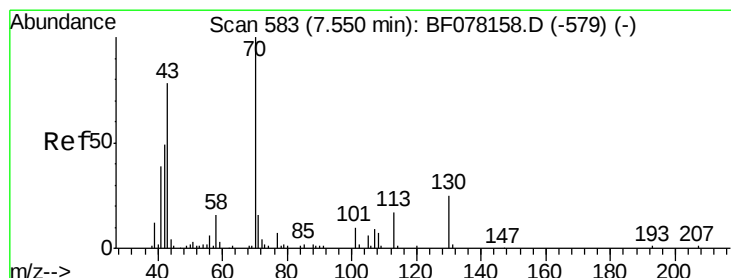
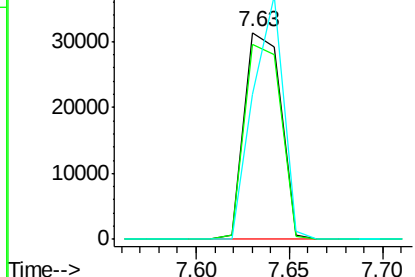
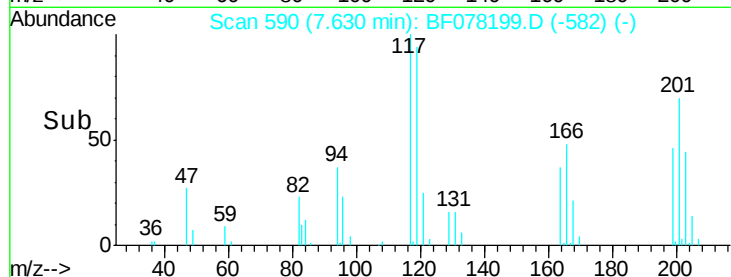
Tot Ion: 117 Resp: 42385
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.6
201 70.3 98.1 147.1#

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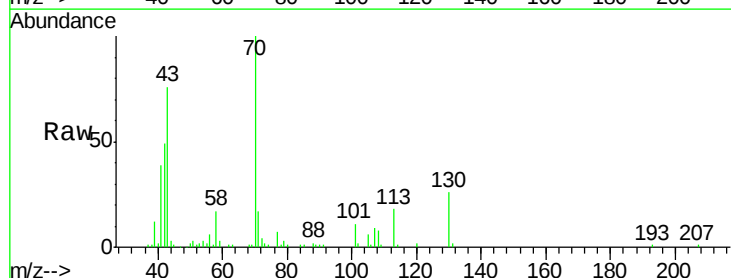


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

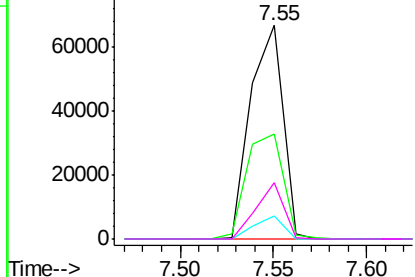
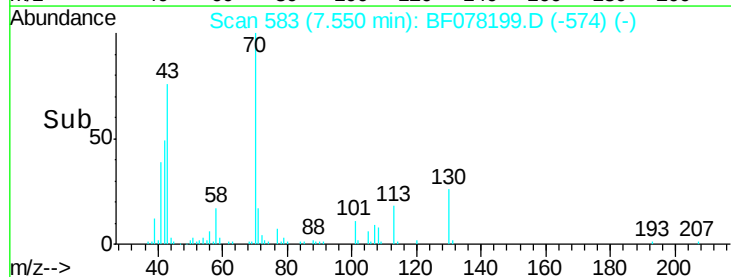


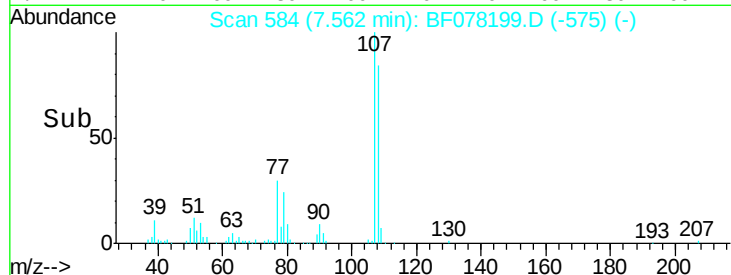
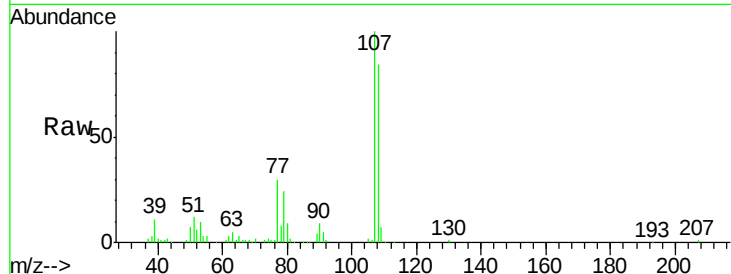
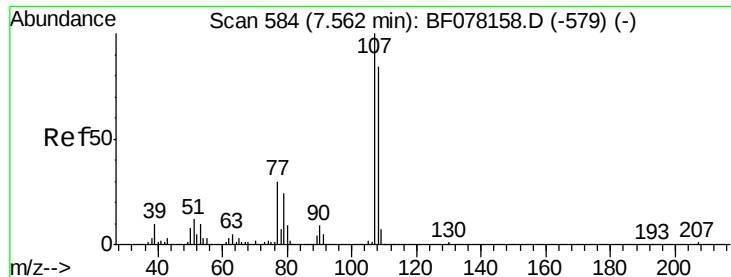
#19
n-Nitroso-di-n-propylamine
Concen: 41.70 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion: 70 Resp: 80839
Ion Ratio Lower Upper
70 100
42 49.3 38.9 58.3
101 10.6 8.3 12.5
130 26.2 19.8 29.8



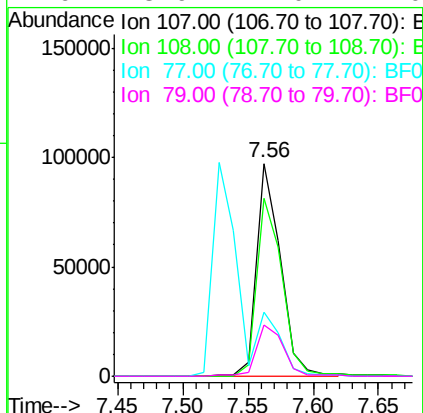
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 43.49 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

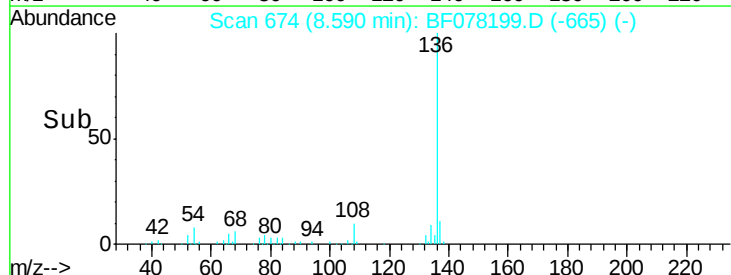
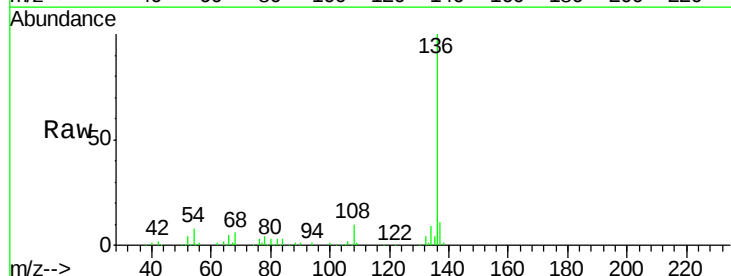
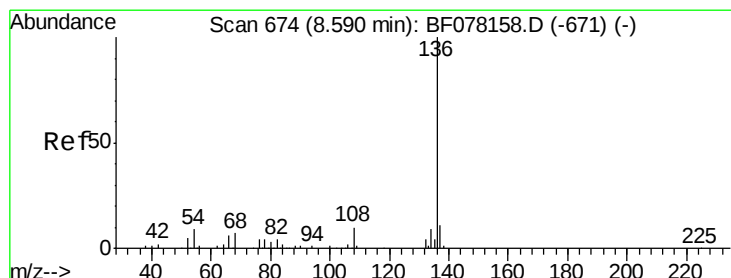
Tot Ion	Ratio	Resp	Lower	Upper
107	100	124862		
108	83.8	64.4	104.4	
77	30.2	9.7	49.7	
79	23.9	4.0	44.0	



Instrument :
BNA_F
ClientSampleId :
PB82469BS

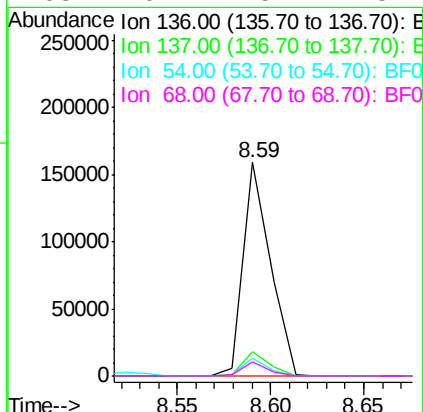
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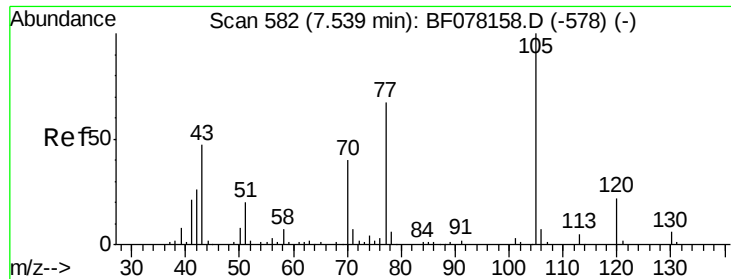
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	160877		
137	11.4	9.0	13.4	
54	8.2	7.0	10.6	
68	6.4	5.4	8.2	





#22

Acetophenone

Concen: 42.68 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078199.D

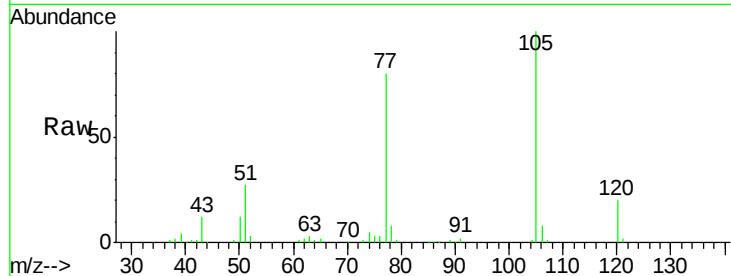
Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

ClientSampleId :

PB82469BS



Tot Ion: 105 Resp: 159973

Ion Ratio Lower Upper

105 100

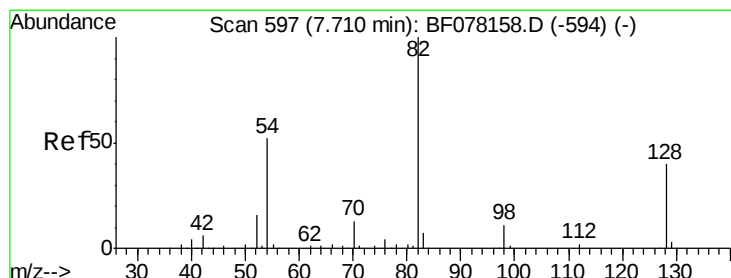
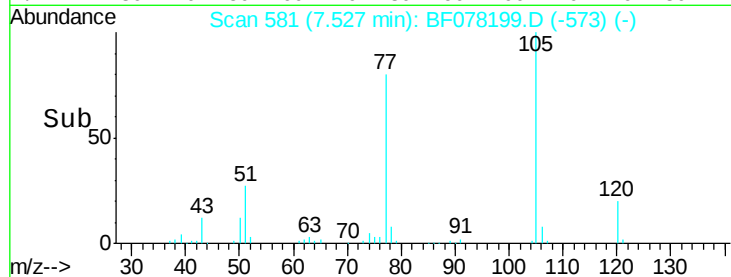
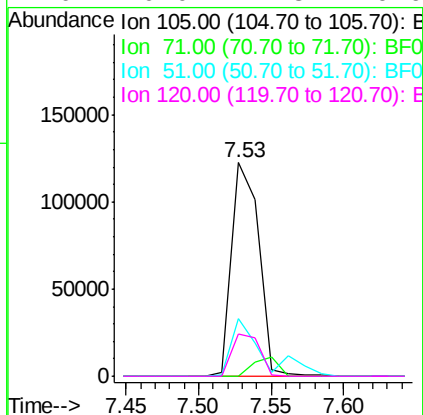
71 0.0 5.5 8.3#

51 27.0 16.0 24.0#

120 20.0 17.8 26.6

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#23

Nitrobenzene-d5

Concen: 78.19 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

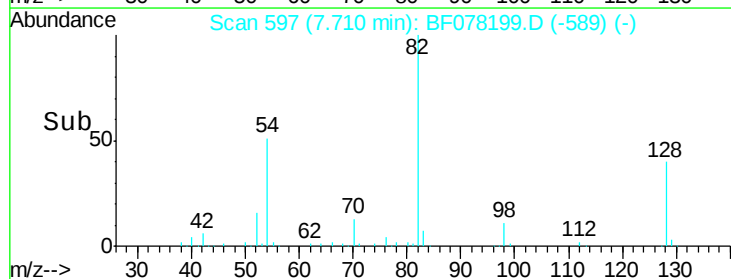
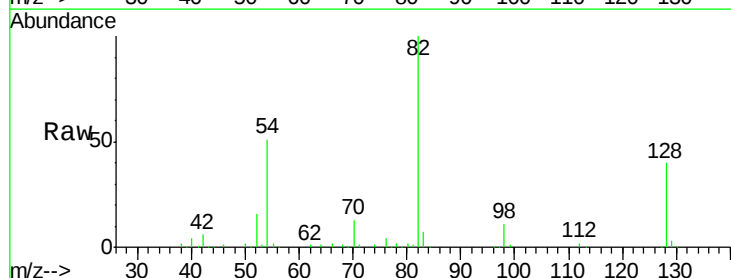
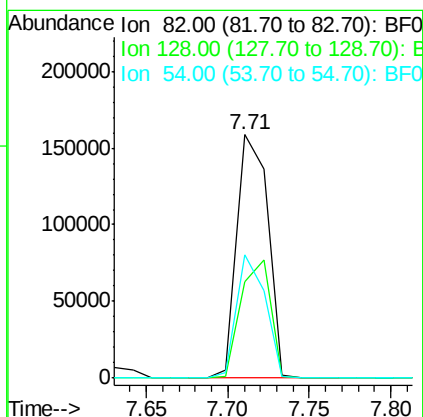
Tgt Ion: 82 Resp: 207521

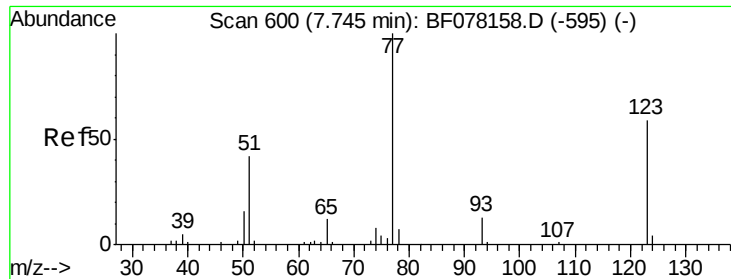
Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.8

54 50.6 41.5 62.3





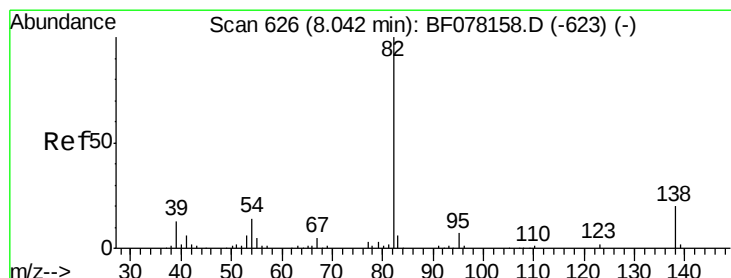
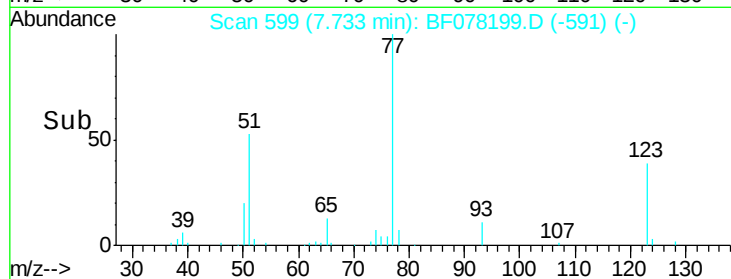
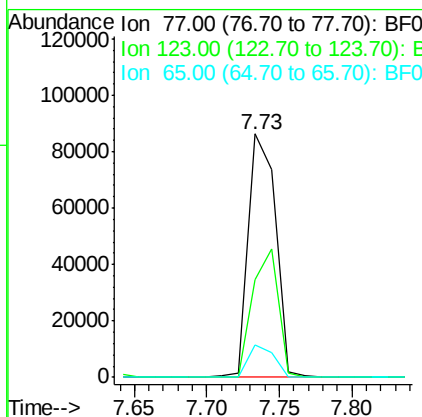
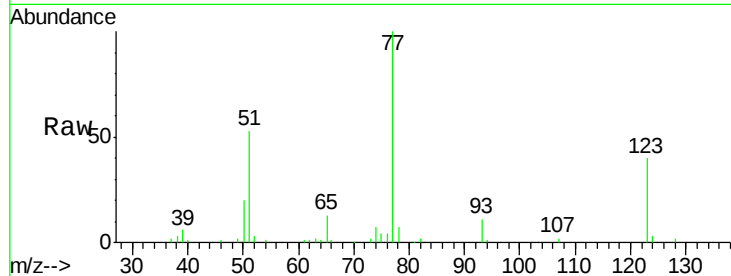
#24
 Nitrobenzene
 Concen: 40.63 ng
 RT: 7.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.3	46.9	70.3#	
65	13.3	9.5	14.3	

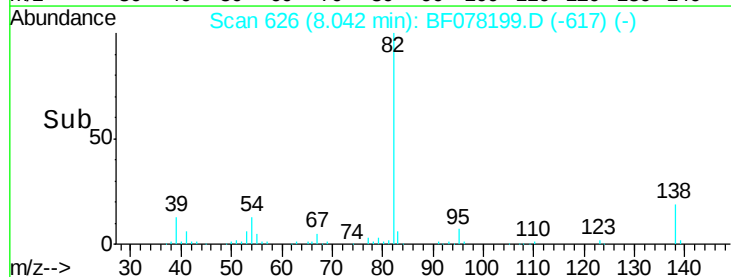
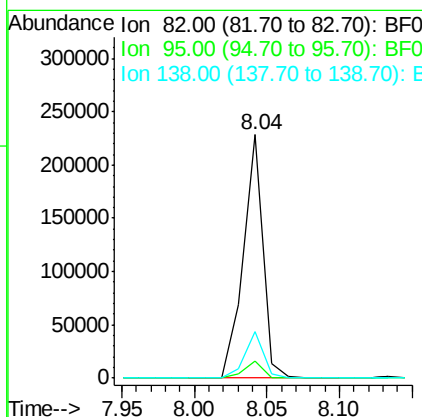
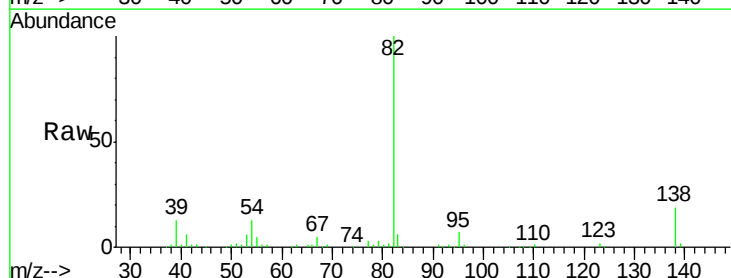
Manual Integrations
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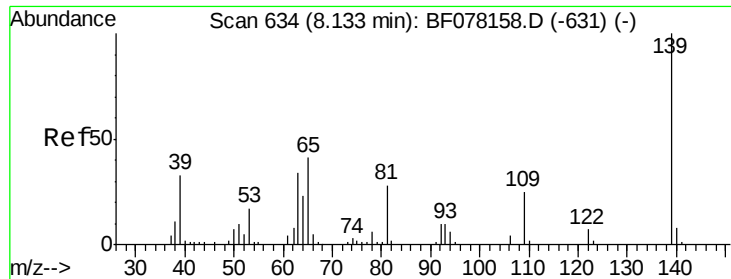
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#25
 Isophorone
 Concen: 42.62 ng
 RT: 8.04 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.7	8.5	
138	18.9	15.8	23.8	





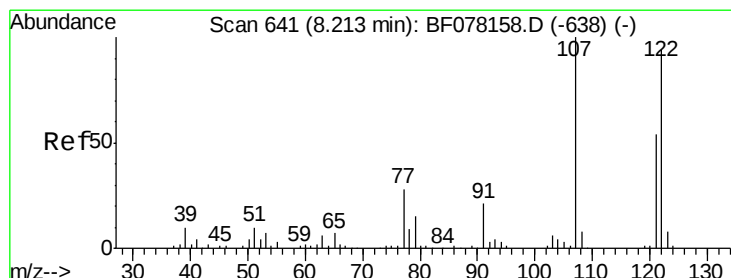
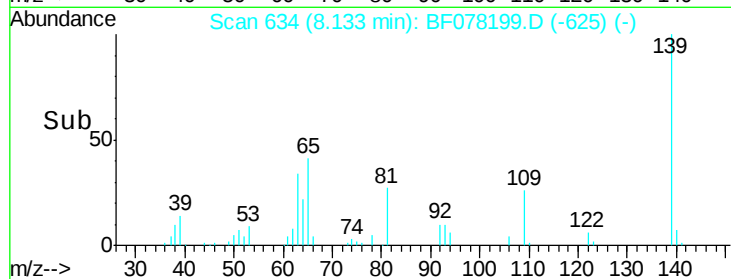
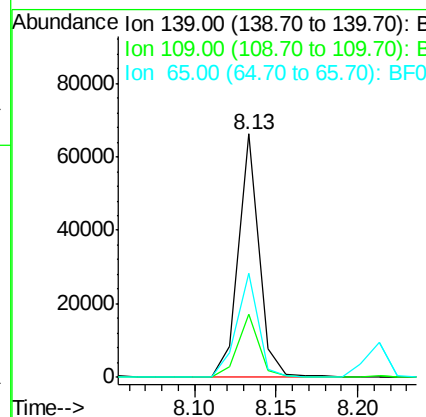
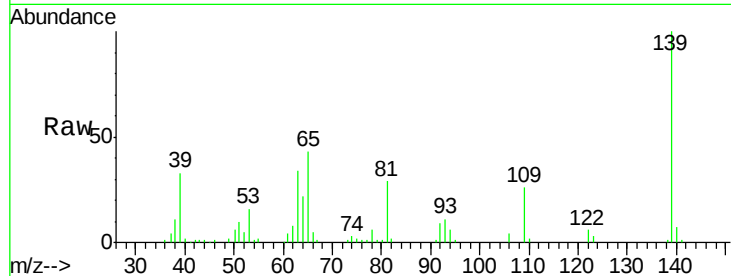
#26
 2-Nitrophenol
 Concen: 43.66 ng
 RT: 8.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	57723		
109	26.1	19.8	29.8	
65	42.6	32.7	49.1	

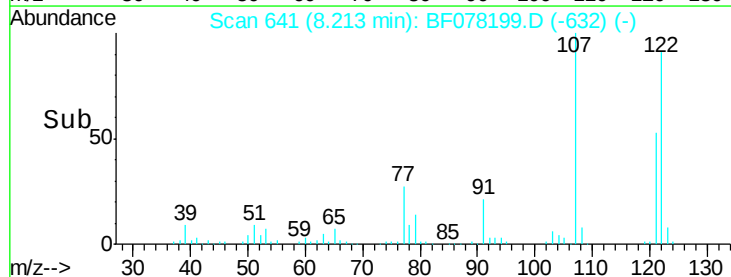
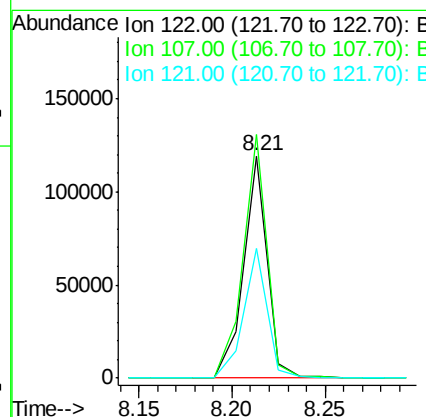
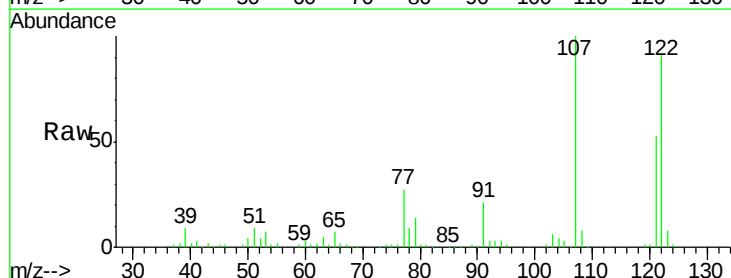
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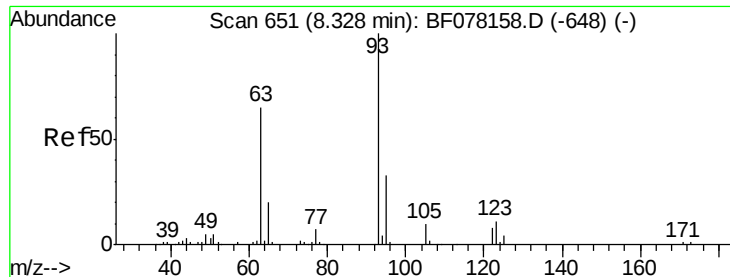
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#27
 2,4-Dimethylphenol
 Concen: 42.73 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105060		
107	109.5	84.6	127.0	
121	58.2	46.0	69.0	





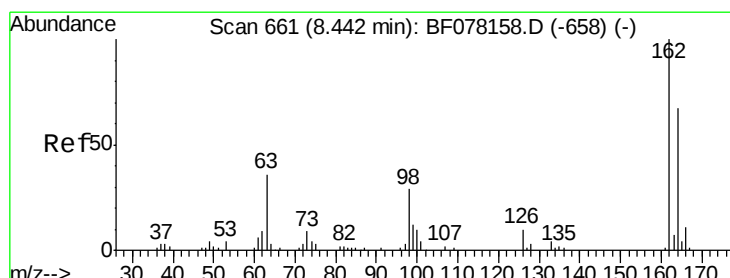
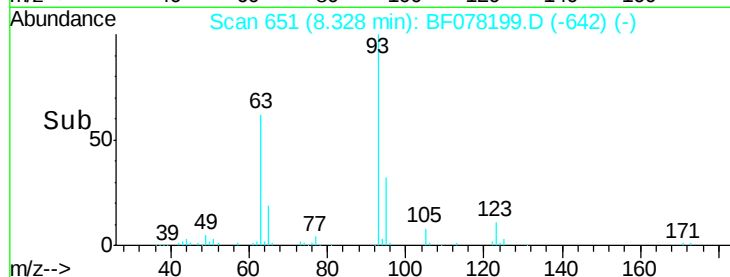
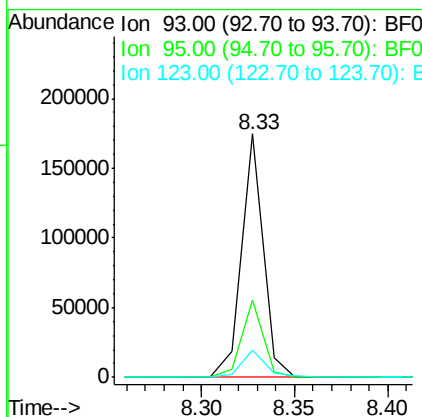
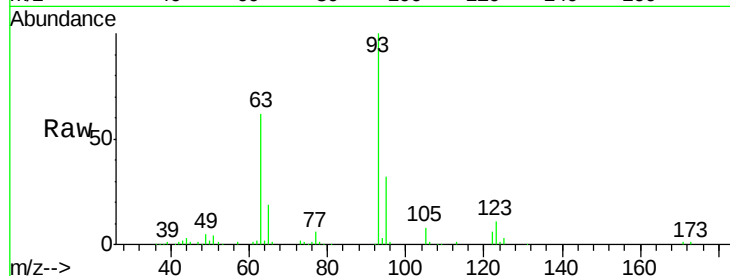
#28
bis(2-Chloroethoxy)methane
Concen: 44.08 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.9	26.3	39.5	
123	11.3	9.1	13.7	

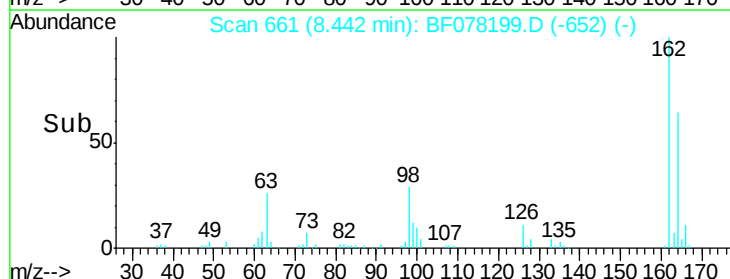
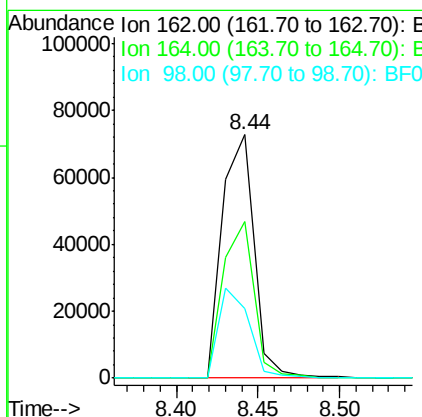
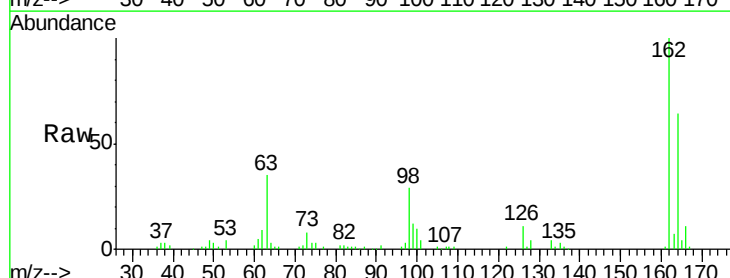
Manual Integrations
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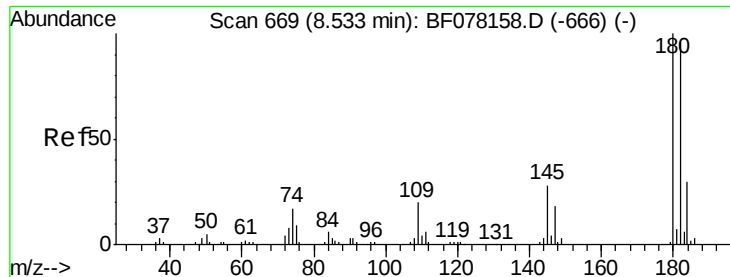
apatel
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#29
2,4-Dichlorophenol
Concen: 44.01 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	47.0	87.0	
98	28.6	9.2	49.2	





#30

1,2,4-Trichlorobenzene

Concen: 41.33 ng

RT: 8.53 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

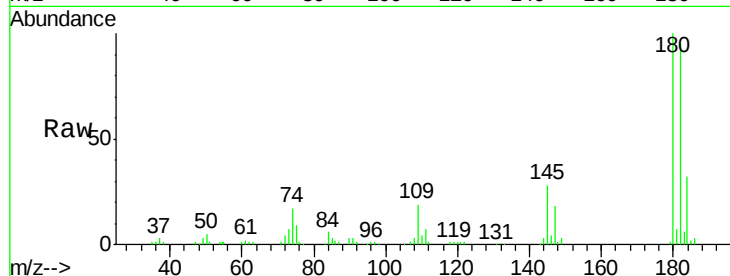
ClientSampleId :

PB82469BS

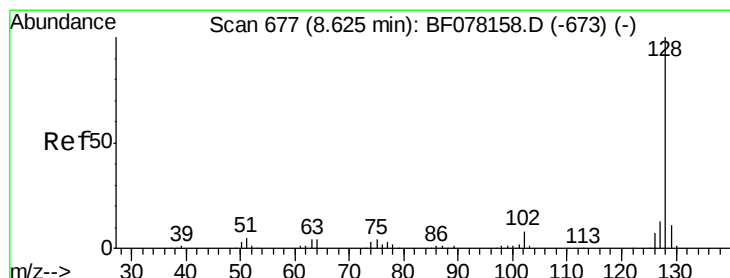
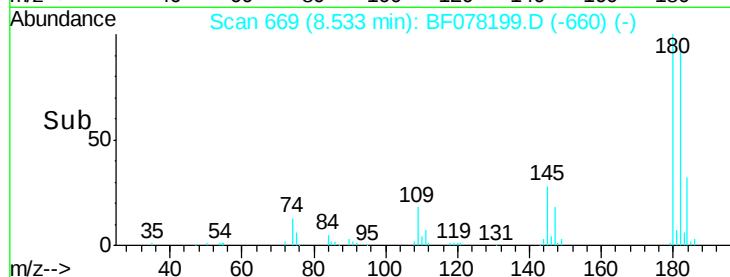
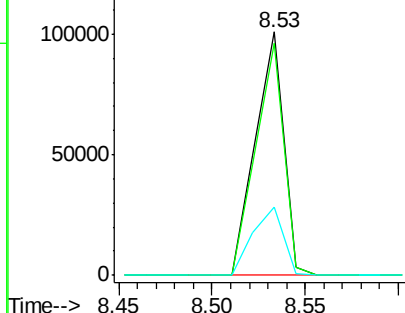
Tot Ion:	180	Resp:	106003
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.9	115.3
145	27.9	22.5	33.7

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



#31

Naphthalene

Concen: 40.61 ng

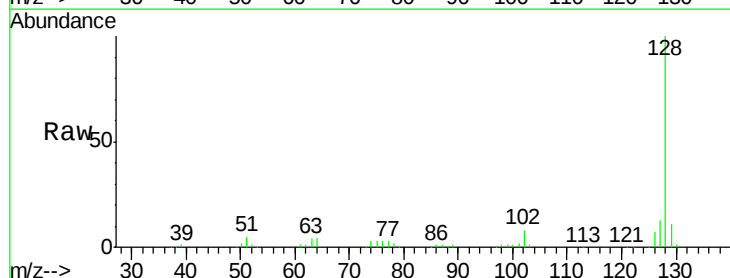
RT: 8.62 min Scan# 677

Delta R.T. 0.00 min

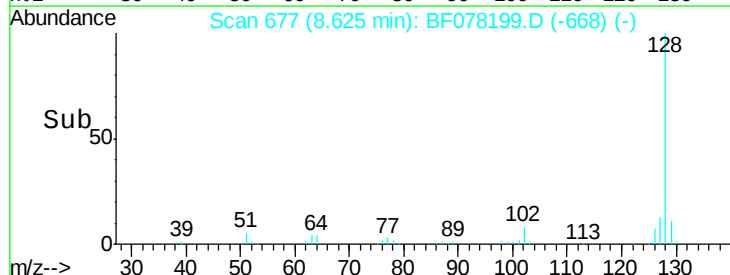
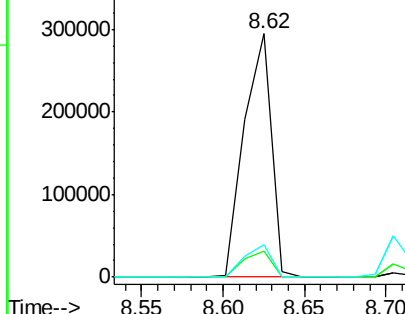
Lab File: BF078199.D

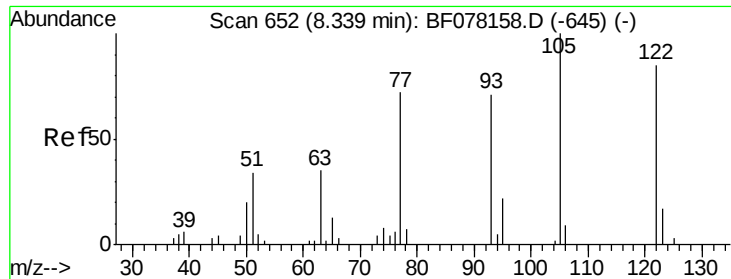
Acq: 2 Apr 2015 14:58

Tgt Ion:	128	Resp:	340052
Ion Ratio	Lower	Upper	
128	100		
129	10.7	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: 36.76 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

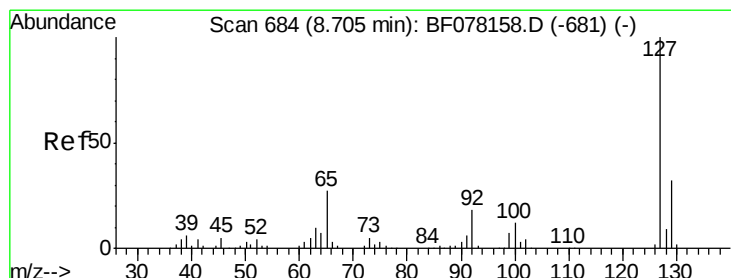
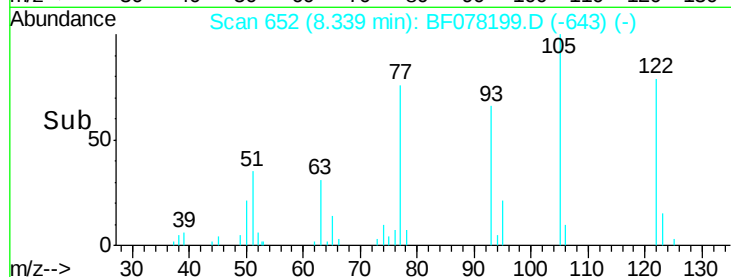
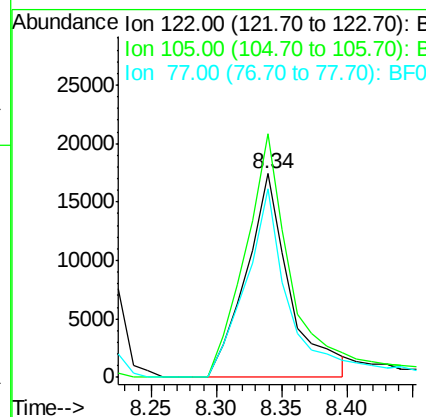
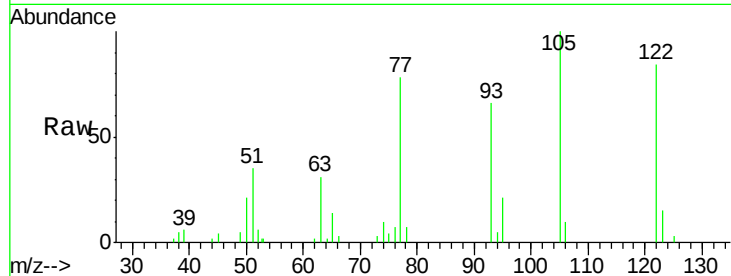
ClientSampleId :

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Tot Ion:	122	Resp:	40719
Ion Ratio	Lower	Upper	
122	100		
105	119.7	96.1	136.1
77	93.0	64.1	104.1

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#33

4-Chloroaniline

Concen: 15.84 ng

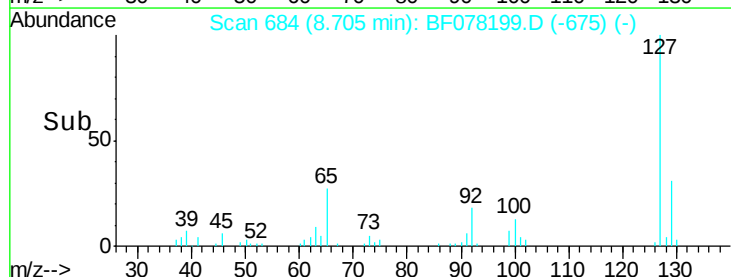
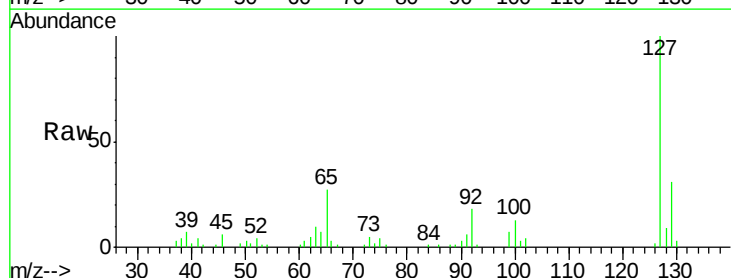
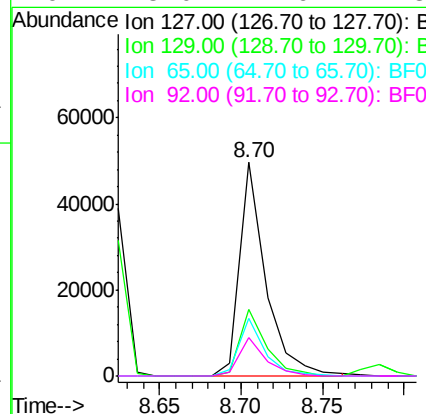
RT: 8.70 min Scan# 684

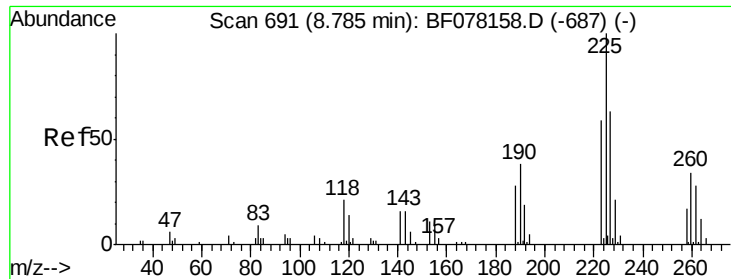
Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:	127	Resp:	55022
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.5	38.3
65	27.1	21.7	32.5
92	18.0	14.6	21.8





#34

Hexachlorobutadiene

Concen: 40.79 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

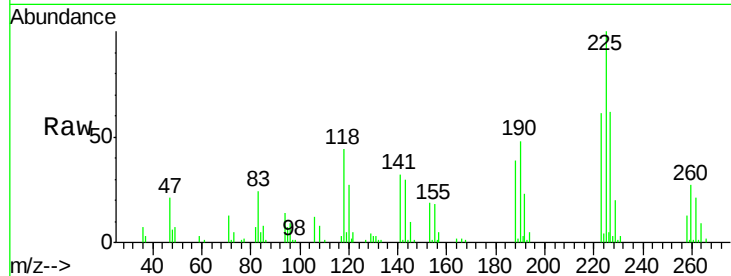
ClientSampleId :

PB82469BS

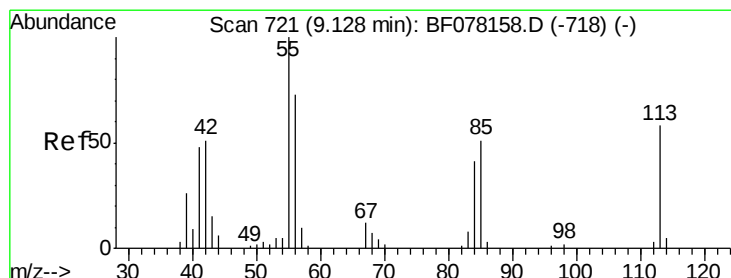
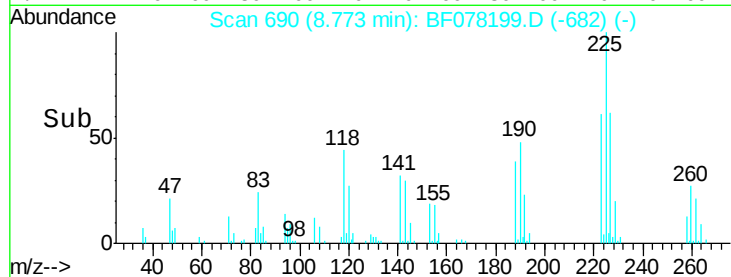
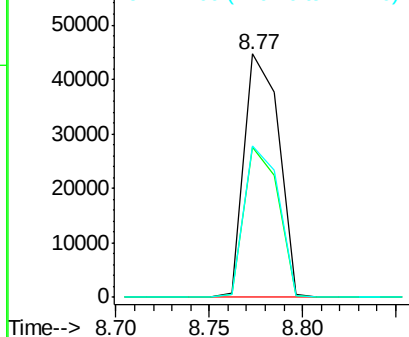
Tot Ion:	225	Resp:	57442
Ion Ratio	Lower	Upper	
225	100		
223	61.5	47.5	71.3
227	62.1	50.2	75.2

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



#35

Caprolactam

Concen: 44.22 ng

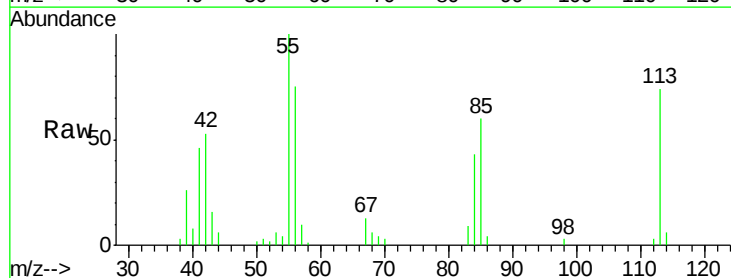
RT: 9.14 min Scan# 722

Delta R.T. 0.00 min

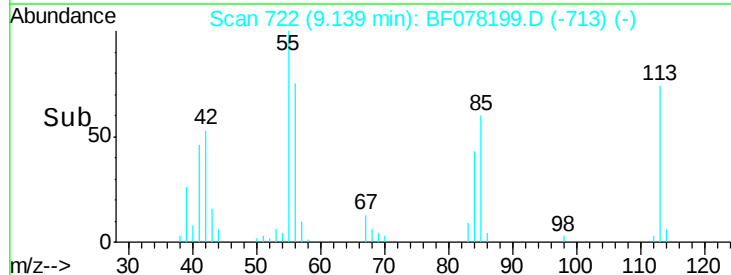
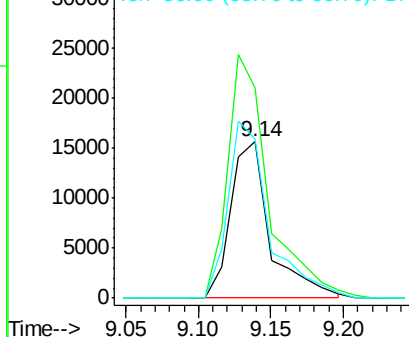
Lab File: BF078199.D

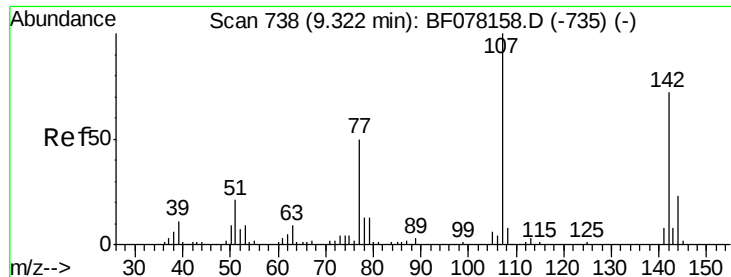
Acq: 2 Apr 2015 14:58

Tgt Ion:	113	Resp:	29525
Ion Ratio	Lower	Upper	
113	100		
55	135.0	151.9	191.9#
56	101.6	106.1	146.1#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 43.86 ng

RT: 9.32 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

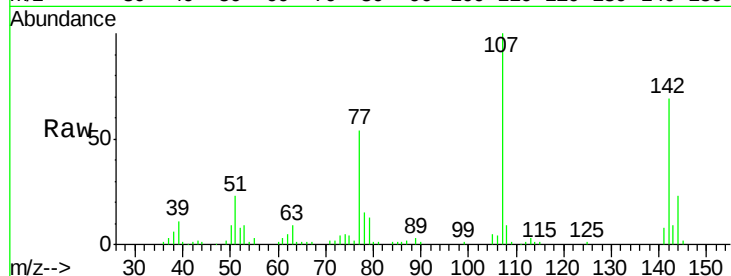
ClientSampleId :

PB82469BS

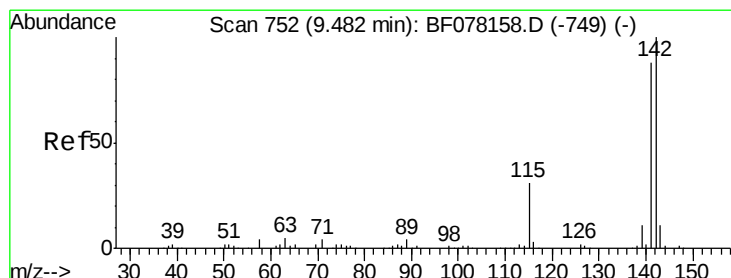
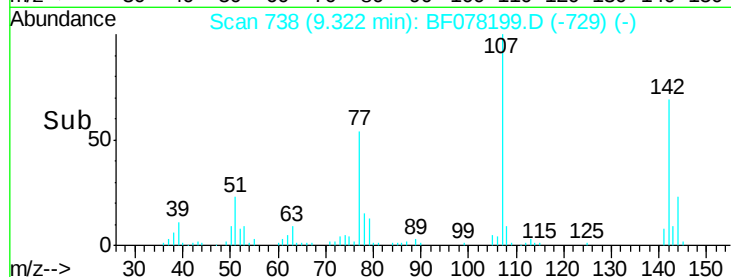
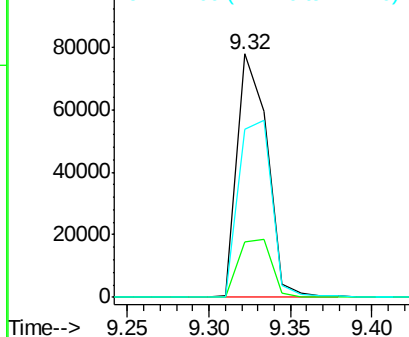
Tot Ion:	107	Resp:	98998
Ion Ratio	Lower	Upper	
107	100		
144	22.5	18.2	27.2
142	69.0	58.0	87.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 42.49 ng

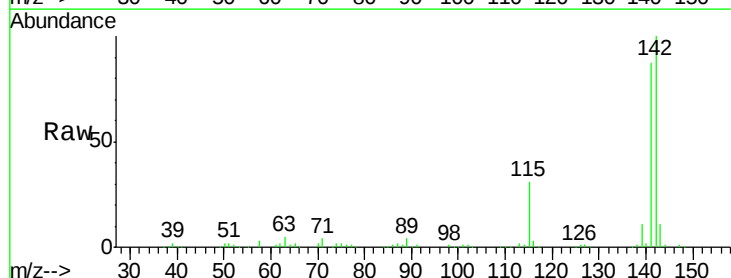
RT: 9.48 min Scan# 752

Delta R.T. 0.00 min

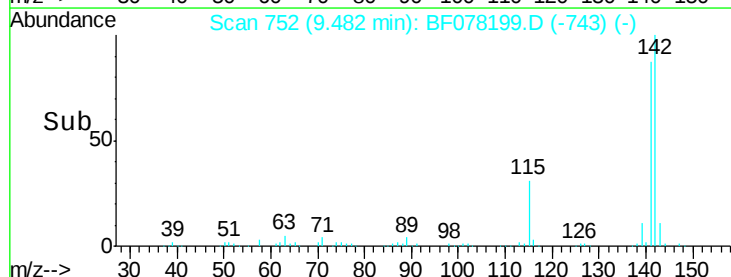
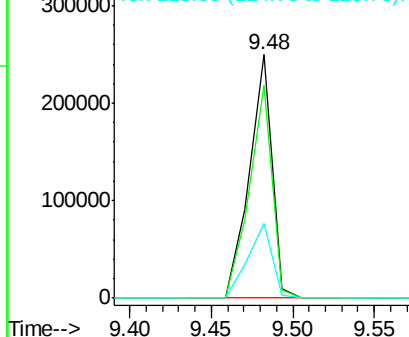
Lab File: BF078199.D

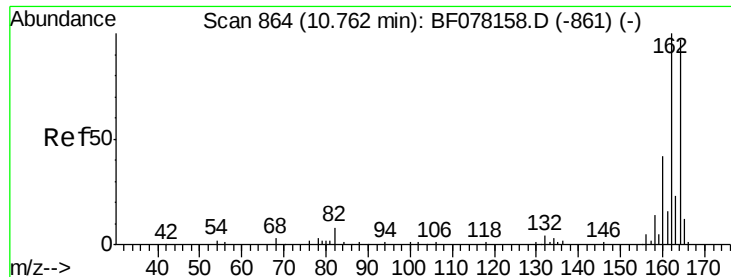
Acq: 2 Apr 2015 14:58

Tgt Ion:	142	Resp:	241577
Ion Ratio	Lower	Upper	
142	100		
141	87.3	70.3	105.5
115	30.6	24.6	37.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

ClientSampleId :

PB82469BS

Tot Ion:164 Resp: 82273

Ion Ratio Lower Upper

164 100

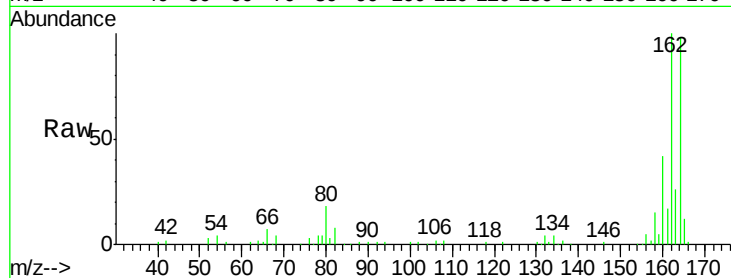
162 102.2 82.2 123.2

160 43.1 34.7 52.1

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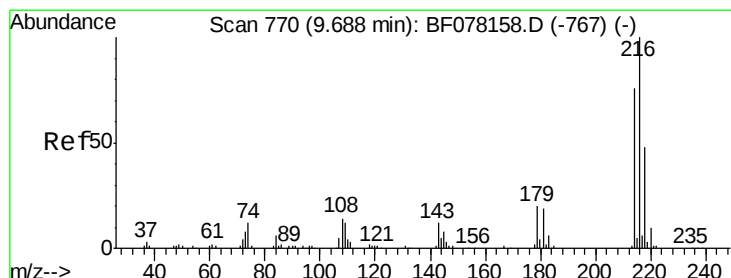
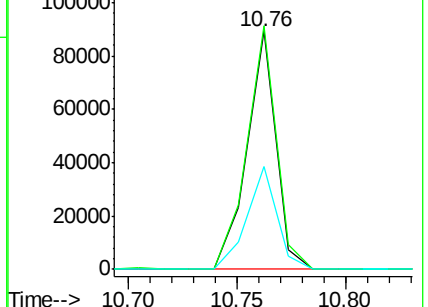
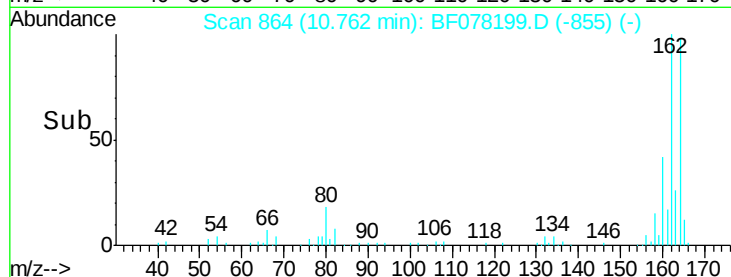
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.77 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:216 Resp: 101391

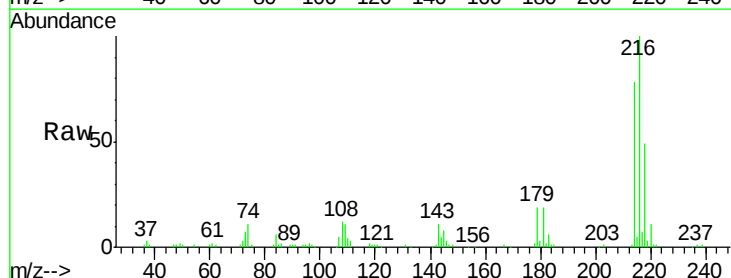
Ion Ratio Lower Upper

216 100

214 79.9 62.0 93.0

179 21.3 17.3 25.9

108 19.0 14.6 21.8

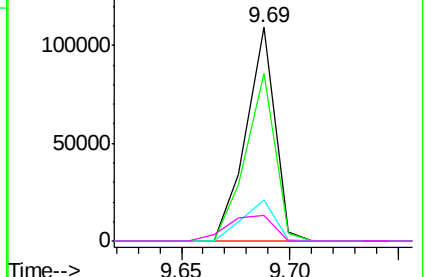
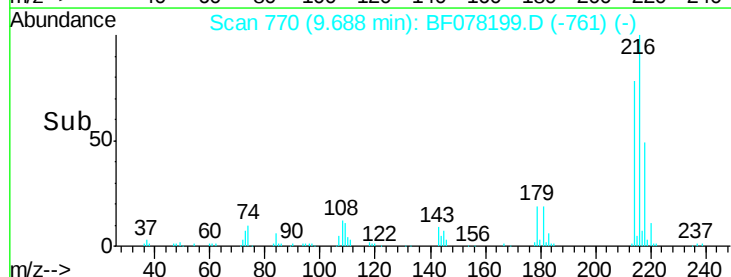


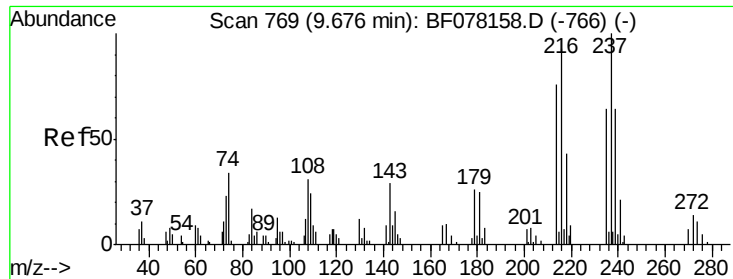
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





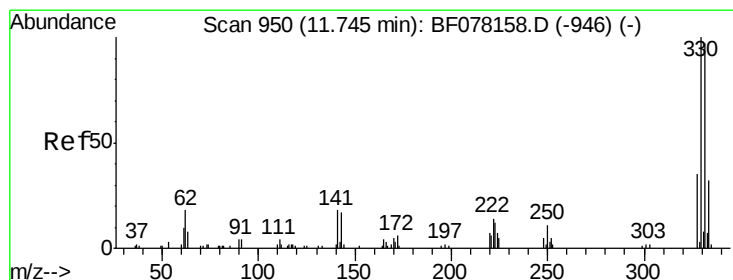
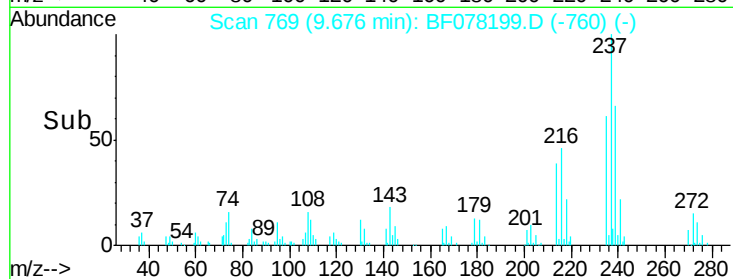
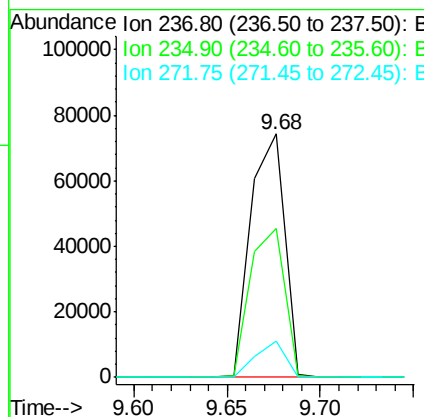
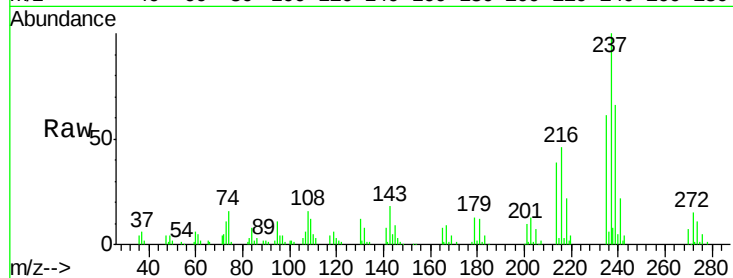
#40
Hexachlorocyclopentadiene
Concen: 84.80 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.1	84.1
272	14.7	0.0	34.4

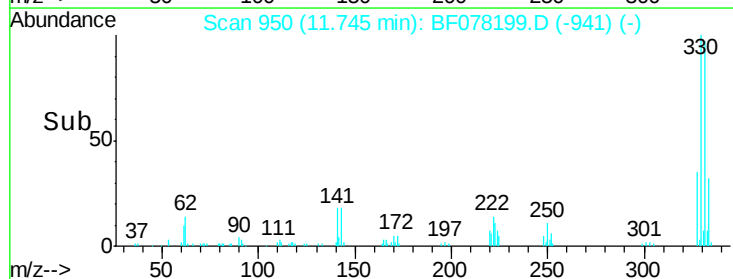
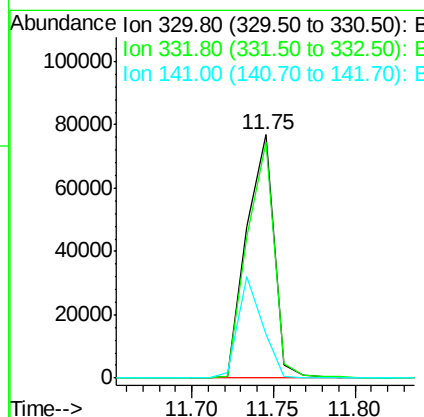
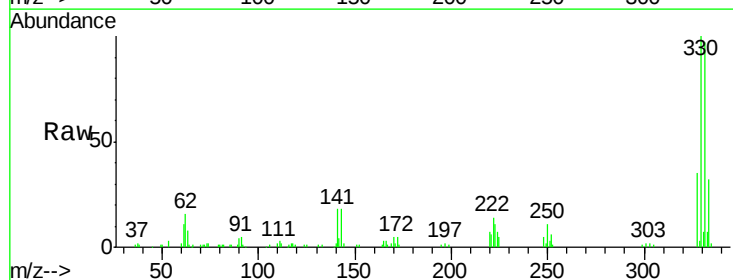
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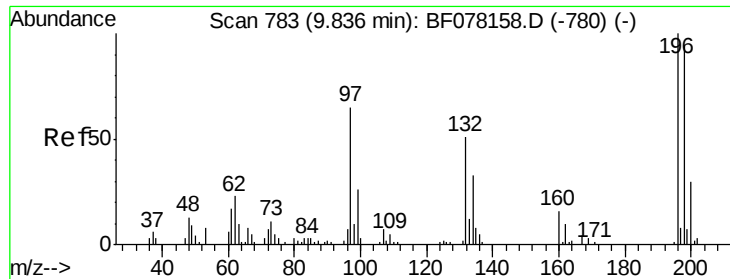
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#41
2,4,6-Tribromophenol
Concen: 131.58 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	37.5	31.2	46.8





#42

2,4,6-Trichlorophenol

Concen: 41.79 ng

RT: 9.84 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

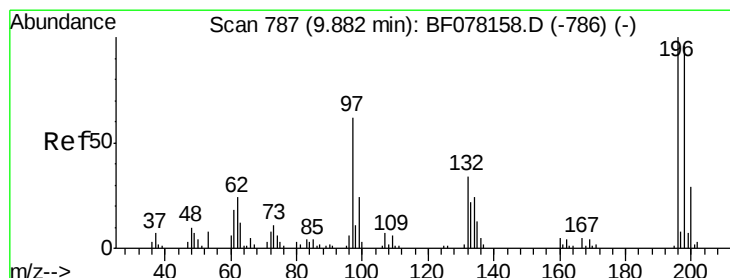
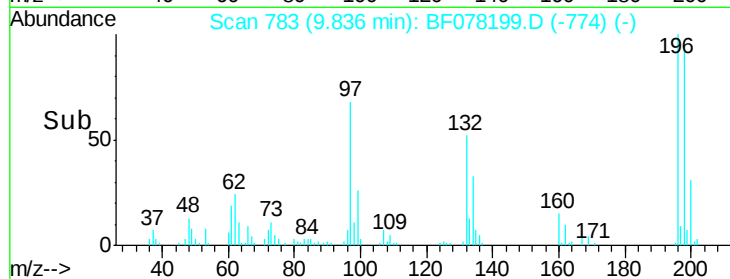
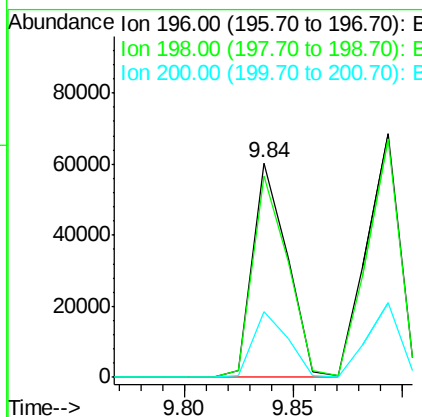
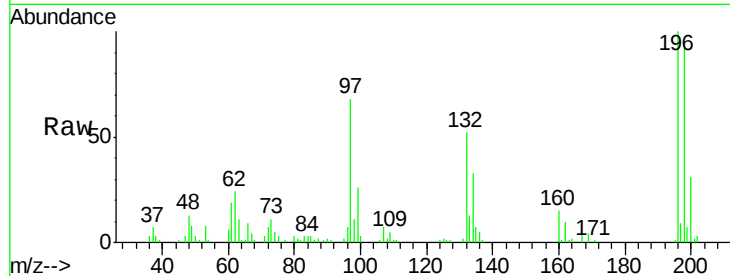
ClientSampleId :

PB82469BS

Tot Ion:	196	Resp:	67186
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.4	113.2
200	30.6	24.0	36.0

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#43

2,4,5-Trichlorophenol

Concen: 43.10 ng

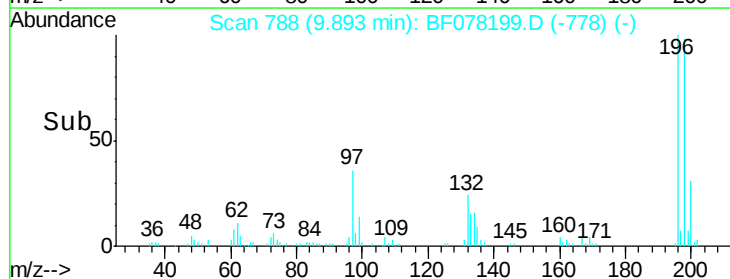
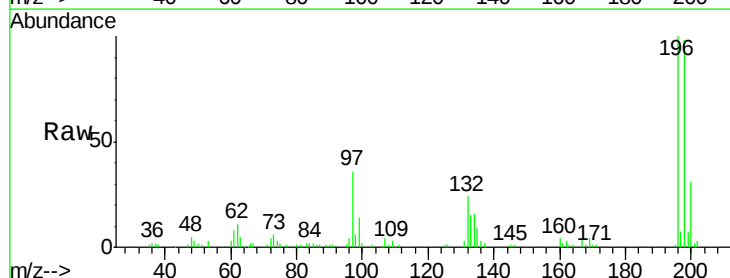
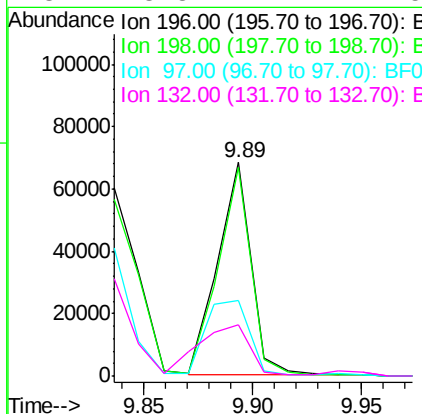
RT: 9.89 min Scan# 788

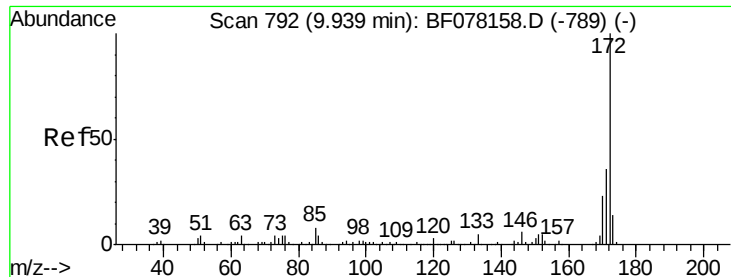
Delta R.T. 0.01 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:	196	Resp:	72391
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.6	115.0
97	35.6	50.6	75.8#
132	23.8	27.7	41.5#





#44

2-Fluorobiphenyl

Concen: 78.98 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

ClientSampleId :

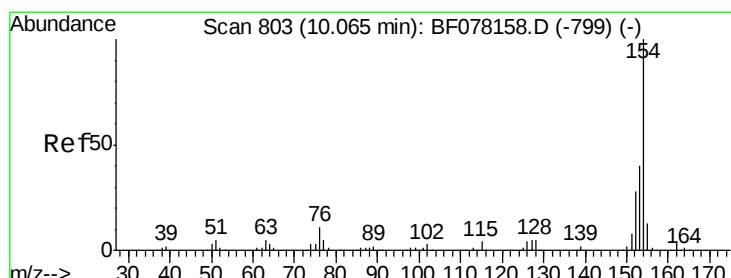
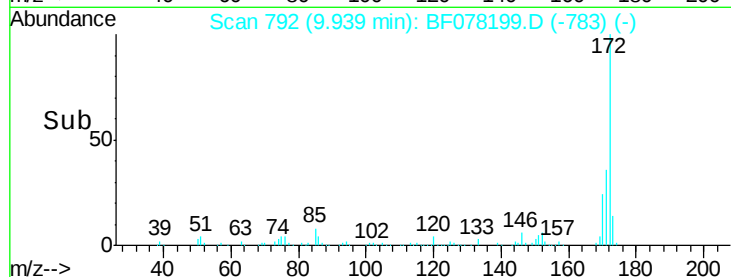
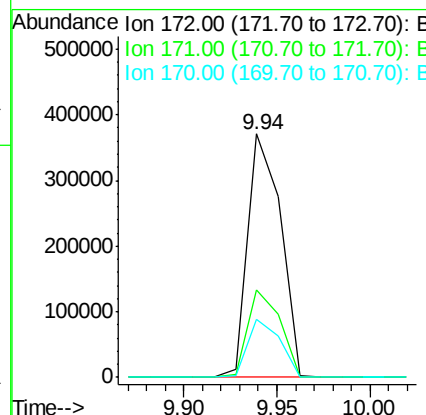
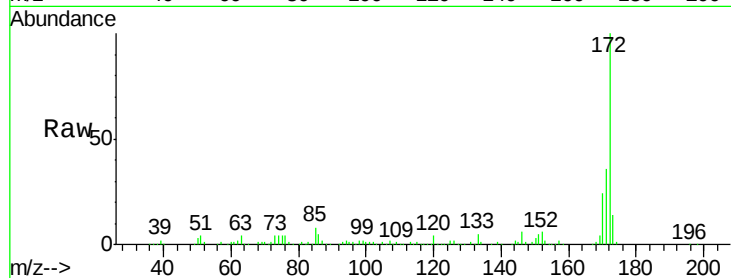
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.9	28.6	42.8		
170	24.1	18.5	27.7		



#45

1,1'-Biphenyl

Concen: 41.74 ng

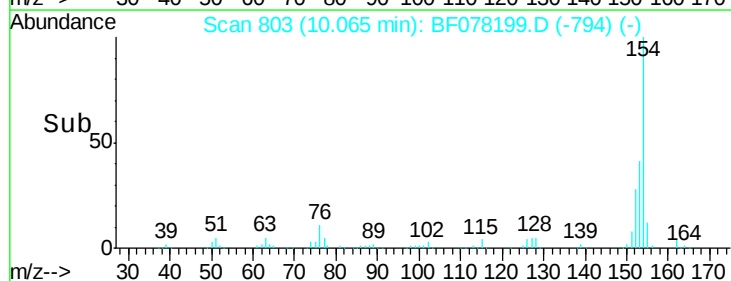
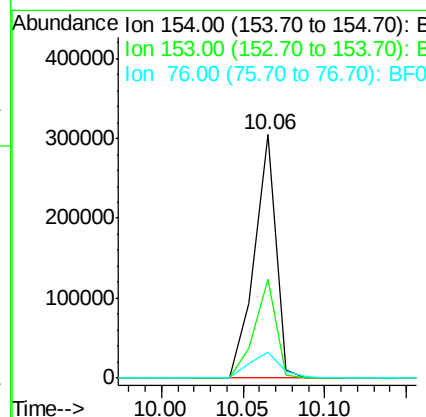
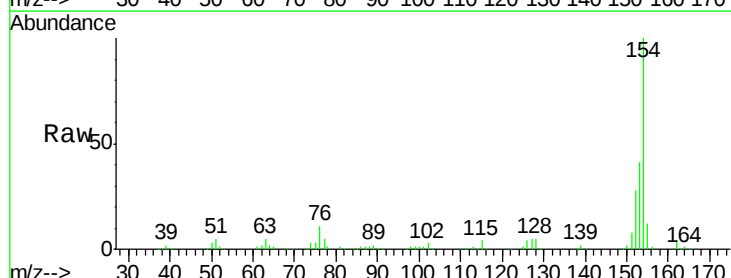
RT: 10.06 min Scan# 803

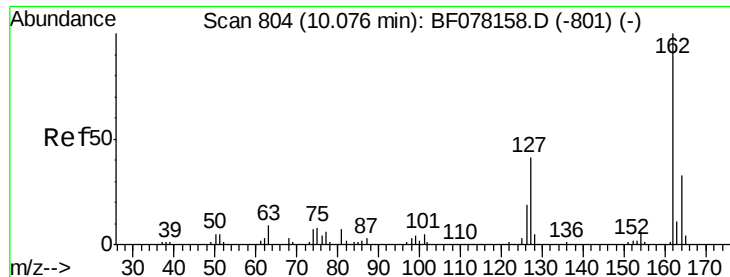
Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.8	20.0	60.0		
76	10.5	0.0	30.6		





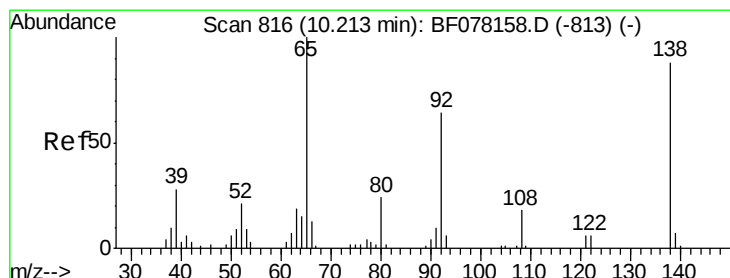
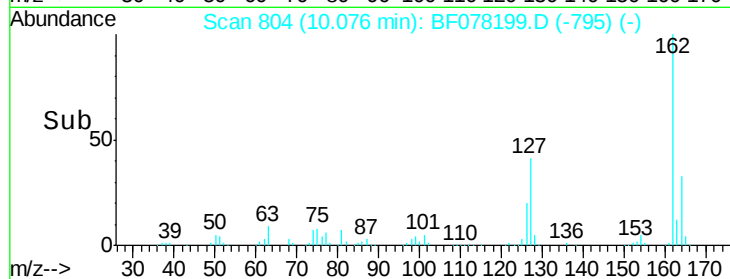
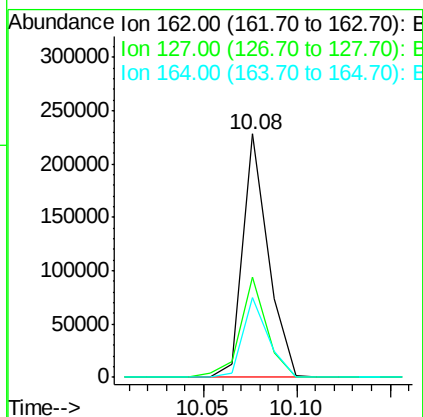
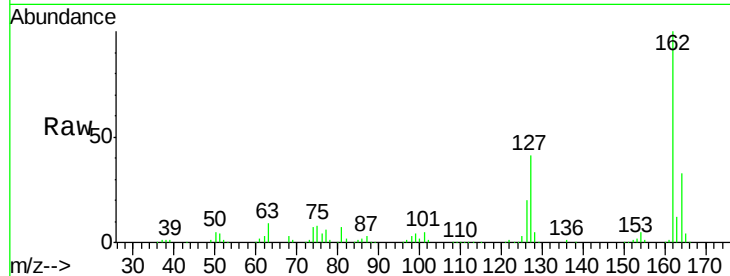
#46
2-Chloronaphthalene
Concen: 40.90 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216563		
127	41.3	32.6	49.0	
164	32.7	26.0	39.0	

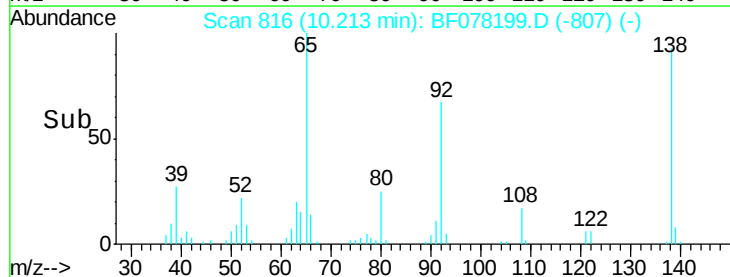
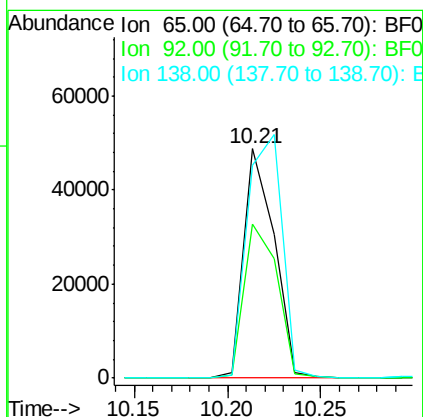
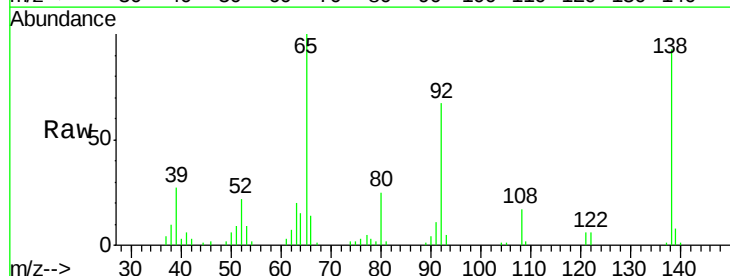
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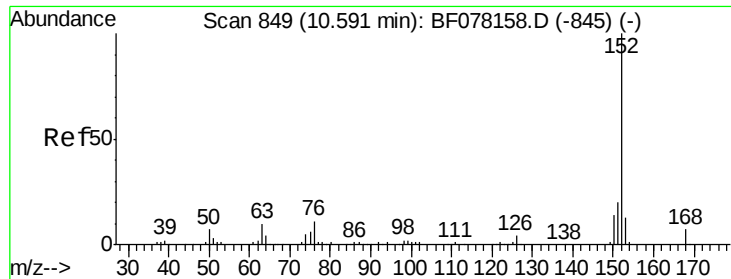
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#47
2-Nitroaniline
Concen: 42.98 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	56301		
92	67.2	51.3	76.9	
138	92.9	70.4	105.6	





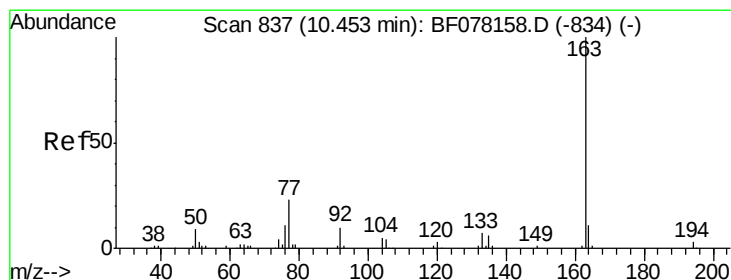
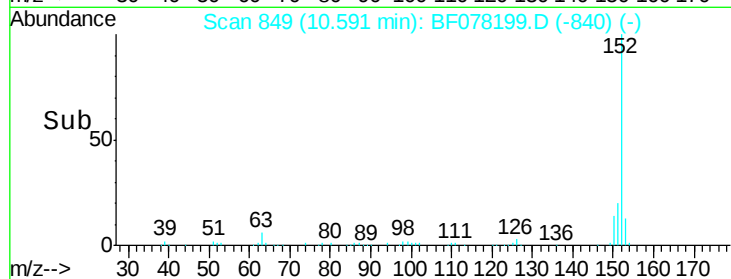
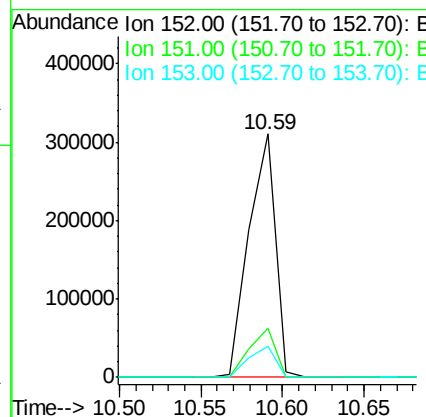
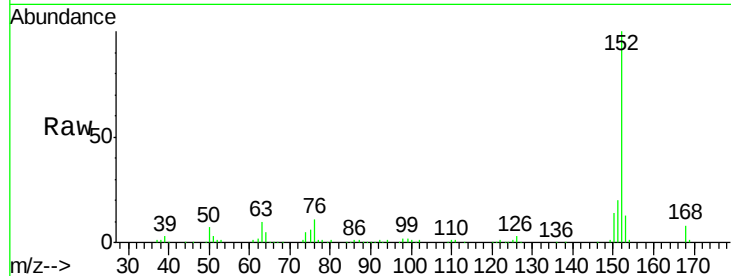
#48
Acenaphthylene
Concen: 40.91 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	349821		
151	20.1	15.7	23.5	
153	12.6	10.2	15.2	

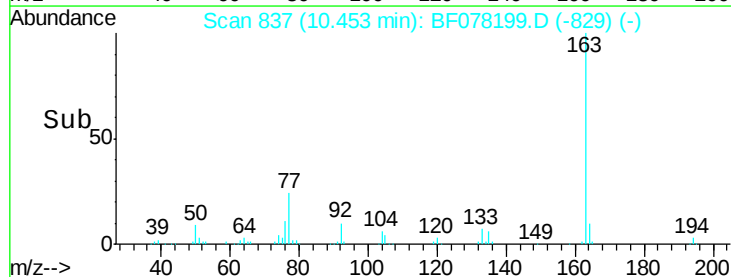
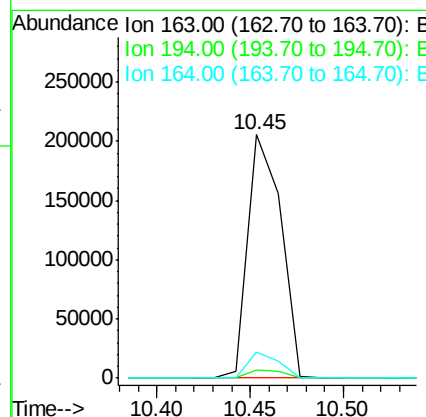
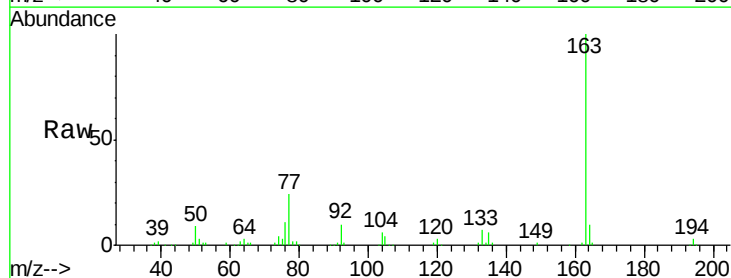
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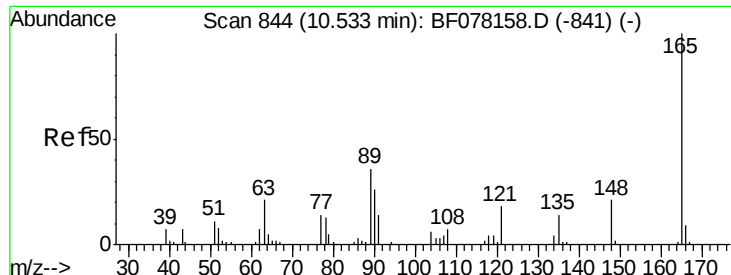
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#49
Dimethylphthalate
Concen: 40.94 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	253044		
194	3.2	2.3	3.5	
164	10.5	8.6	13.0	





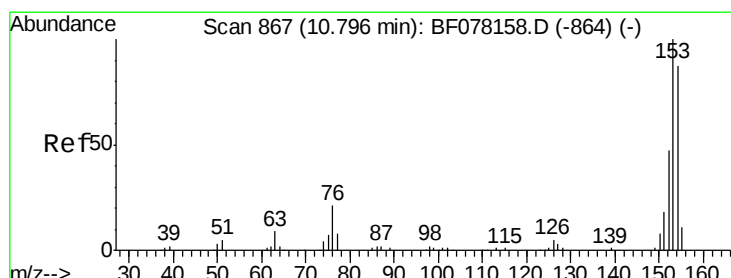
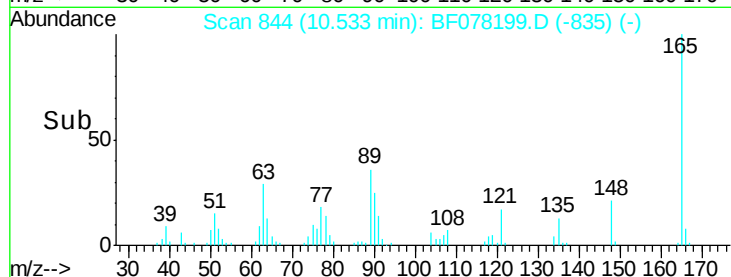
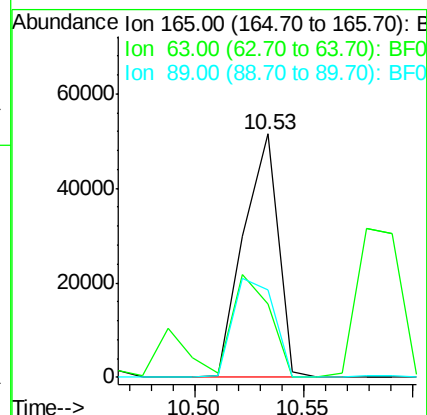
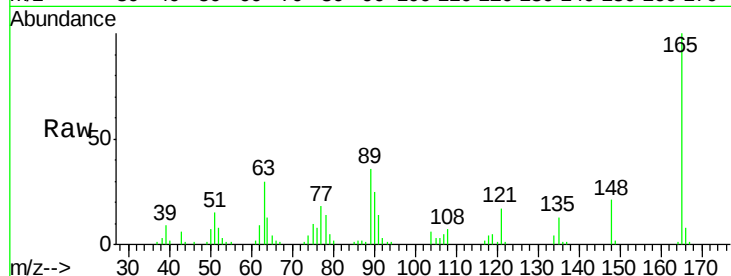
#50
2,6-Dinitrotoluene
Concen: 44.69 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	30.3	24.1	36.1
89	35.7	28.9	43.3

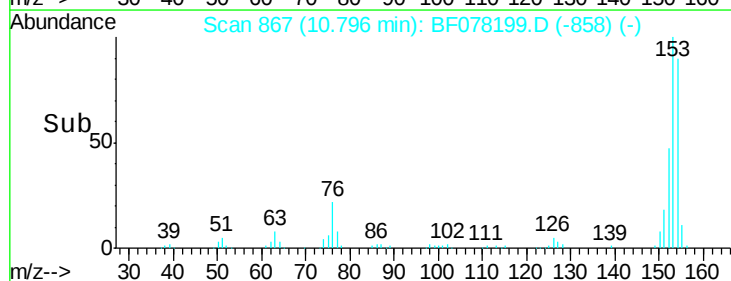
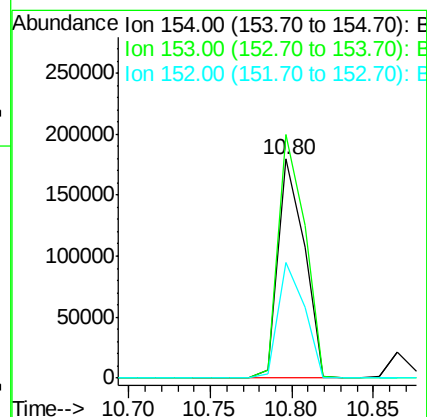
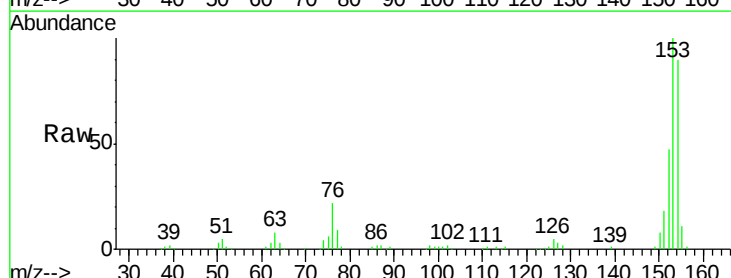
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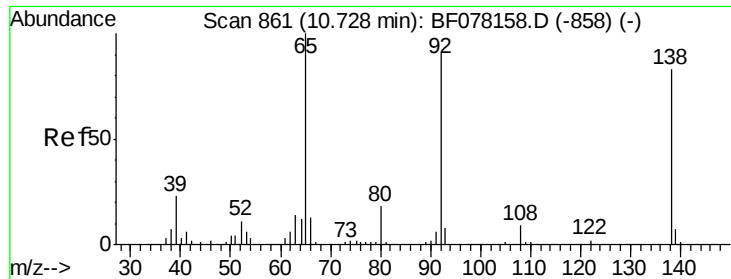
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#51
Acenaphthene
Concen: 41.98 ng
RT: 10.80 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.2	91.4	137.2
152	52.7	43.0	64.6





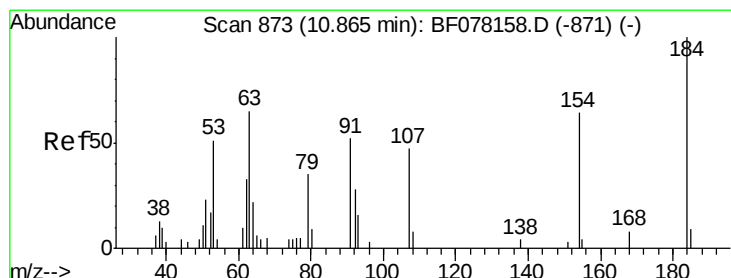
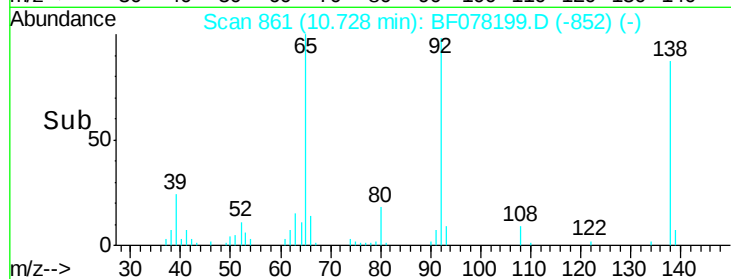
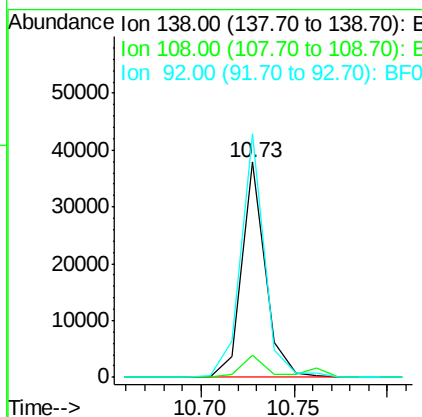
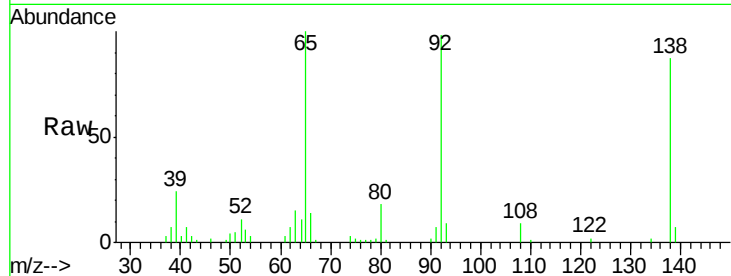
#52
3-Nitroaniline
Concen: 23.12 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	113.1	88.4	132.6

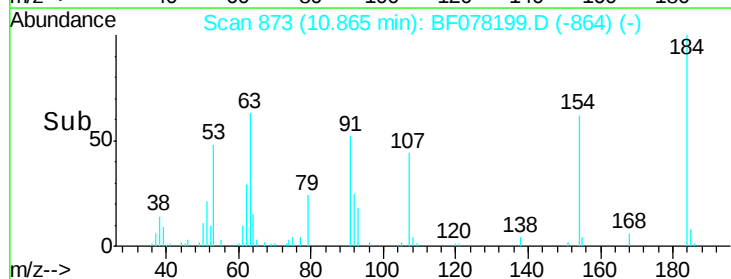
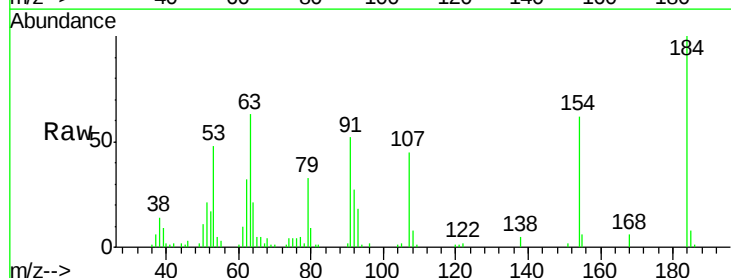
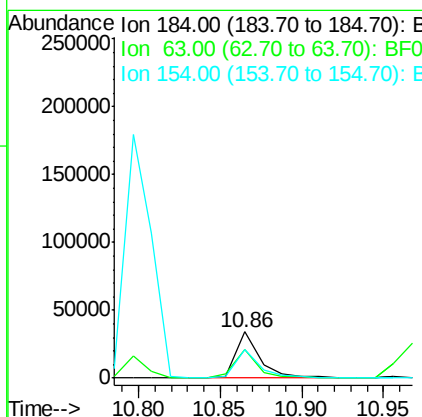
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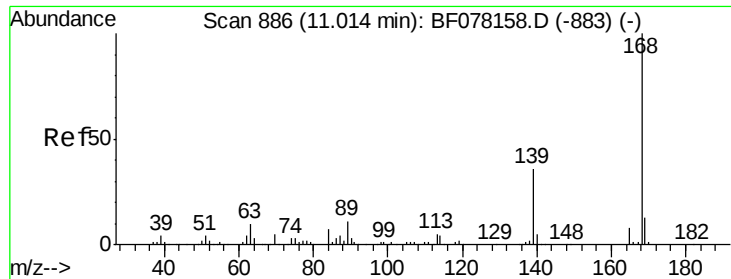
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#53
2,4-Dinitrophenol
Concen: 74.74 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	51.9	77.9
154	62.4	51.0	76.4





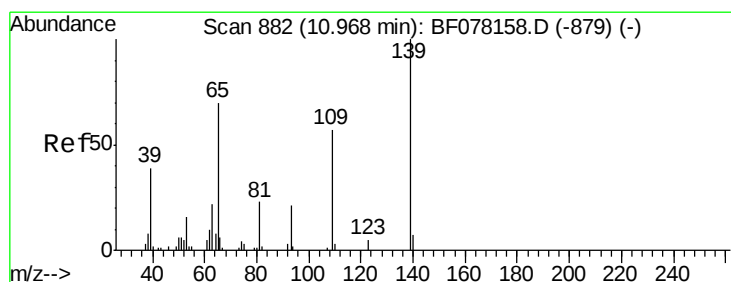
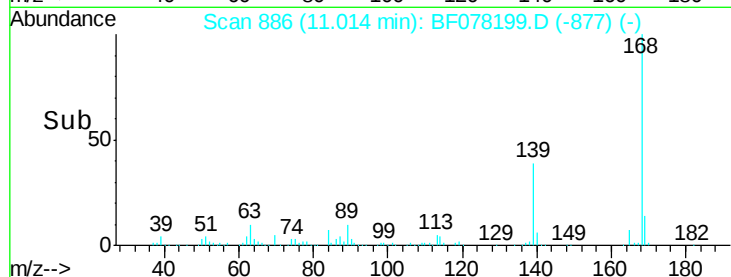
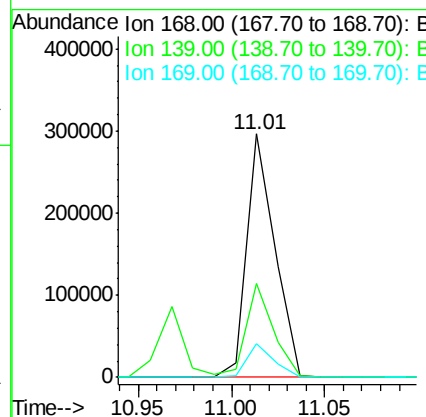
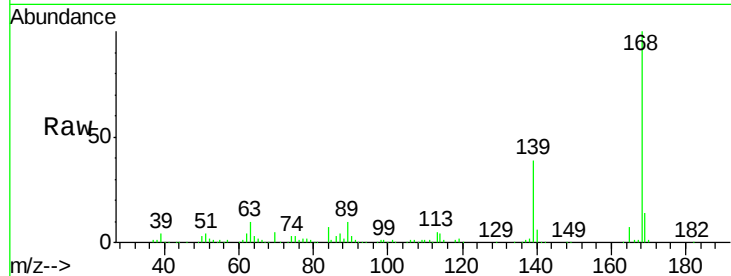
#54
Dibenzofuran
Concen: 41.95 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	308477		
139	38.8		31.0	46.4
169	13.7		10.7	16.1

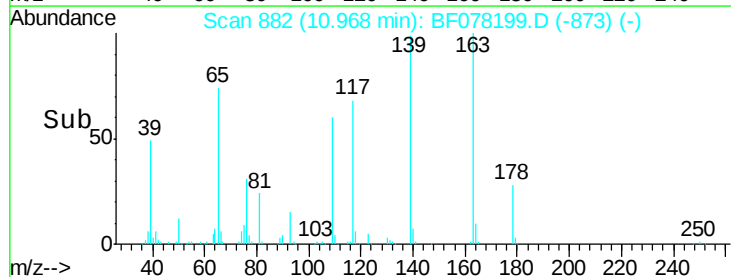
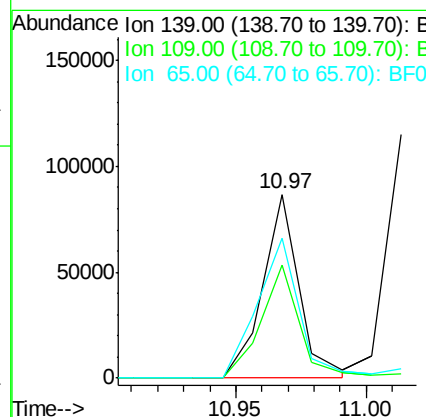
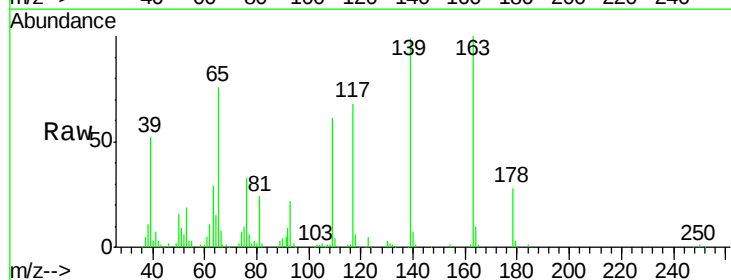
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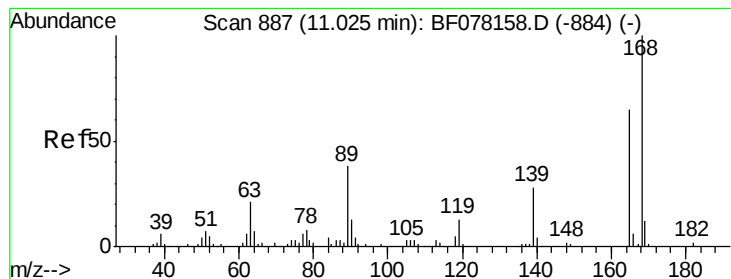
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#55
4-Nitrophenol
Concen: 79.60 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

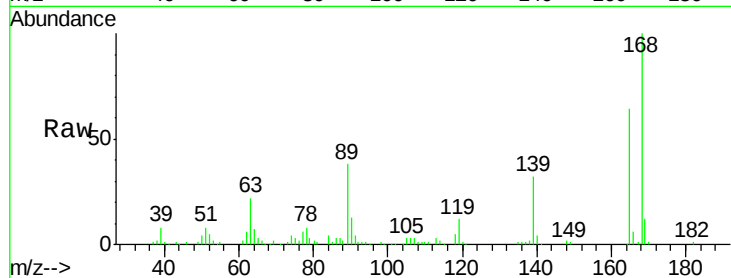
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	84733		
109	61.5		36.7	76.7
65	76.3		49.9	89.9





#56
2,4-Dinitrotoluene
Concen: 45.88 ng
RT: 11.02 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

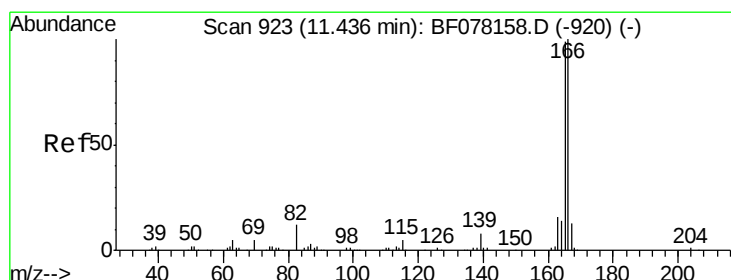
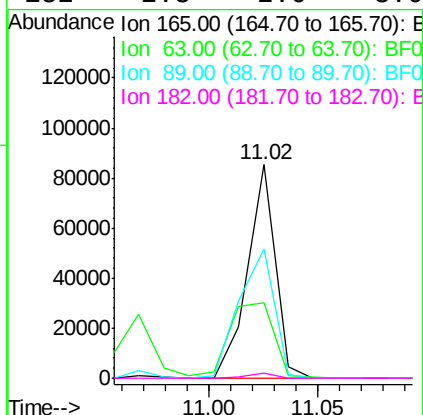
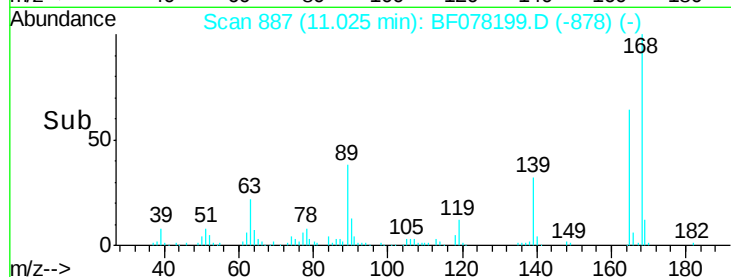
Instrument :
BNA_F
ClientSampleId :
PB82469BS



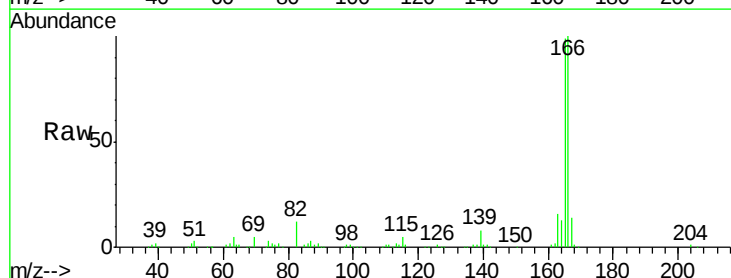
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.3	26.5	39.7	
89	60.3	46.4	69.6	
182	2.3	2.0	3.0	

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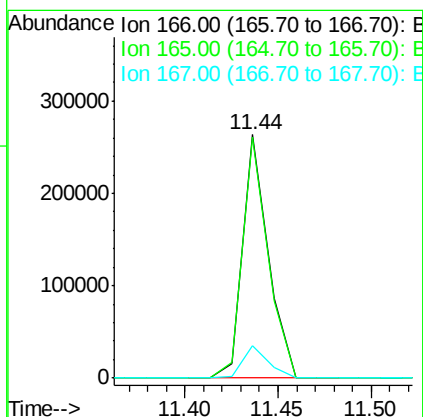
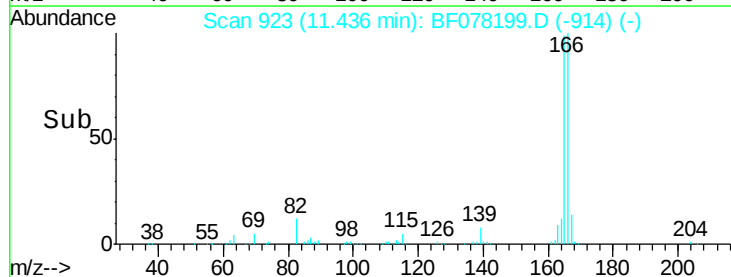
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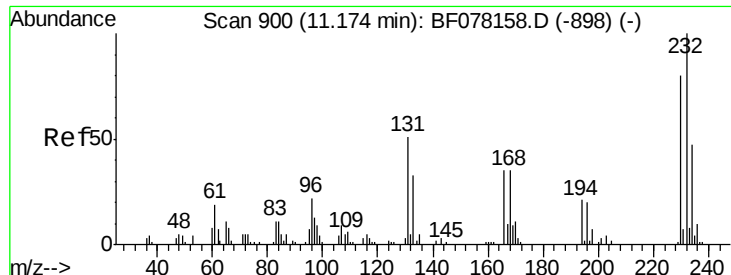


#57
Fluorene
Concen: 42.23 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	78.9	118.3	
167	13.6	10.7	16.1	





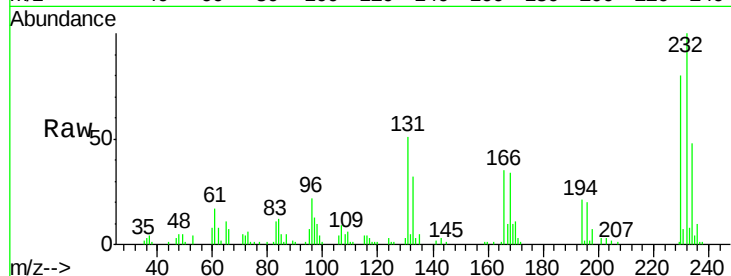
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.81 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

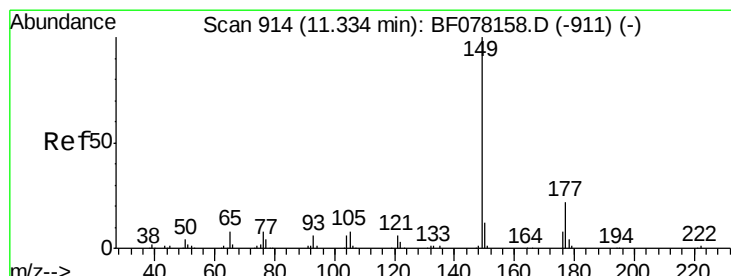
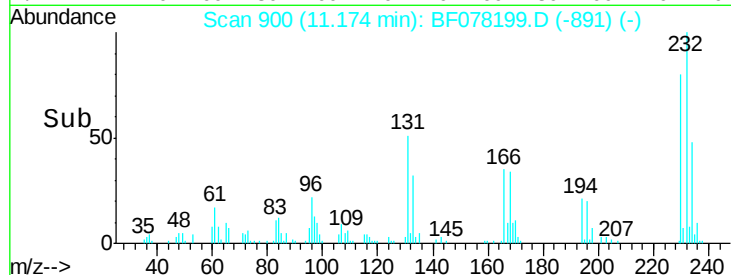
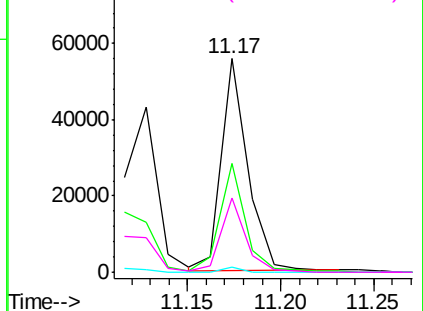
Tot Ion:	232	Resp:	55794
Ion Ratio	Lower	Upper	
232	100		
131	48.3	37.8	56.8
130	1.9	1.5	2.3
166	32.8	25.8	38.6

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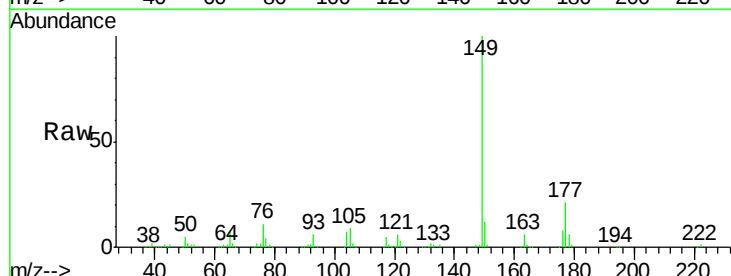


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

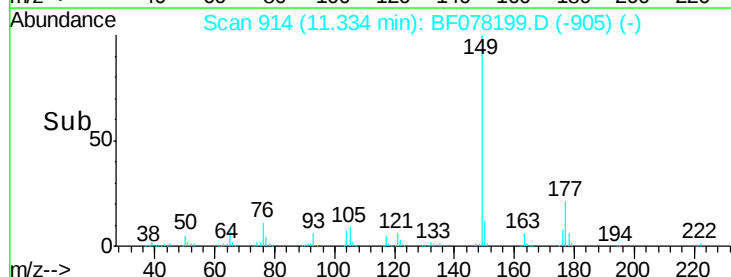
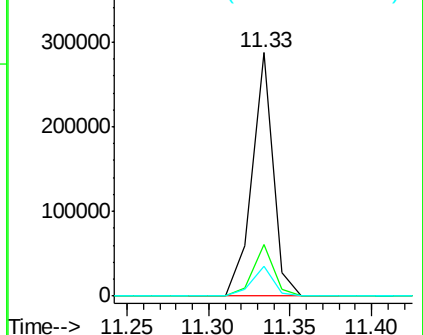


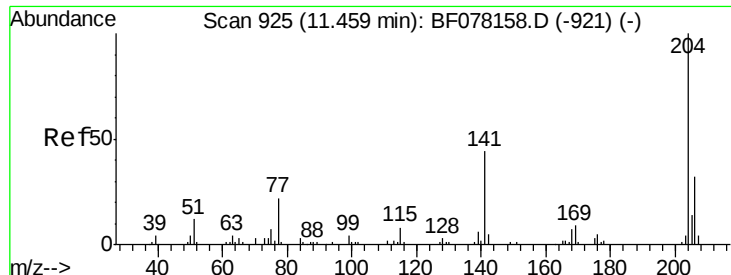
#59
 Diethylphthalate
 Concen: 43.26 ng
 RT: 11.33 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion:	149	Resp:	257794
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.4	26.2
150	12.3	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





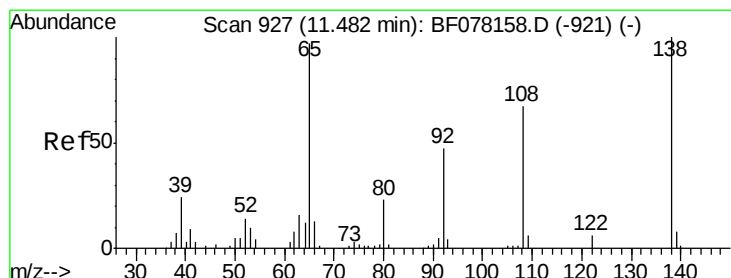
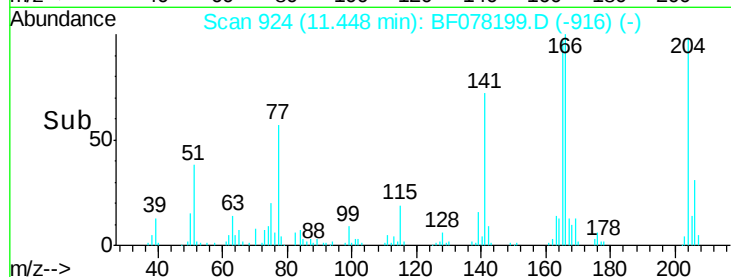
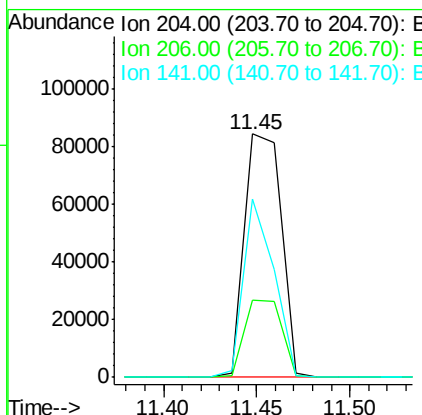
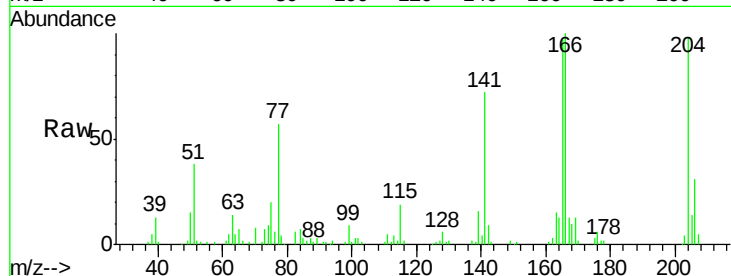
#60
4-Chlorophenyl-phenylether
Concen: 42.27 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	115892		
206	31.8	25.6	38.4	
141	73.3	35.4	53.0	

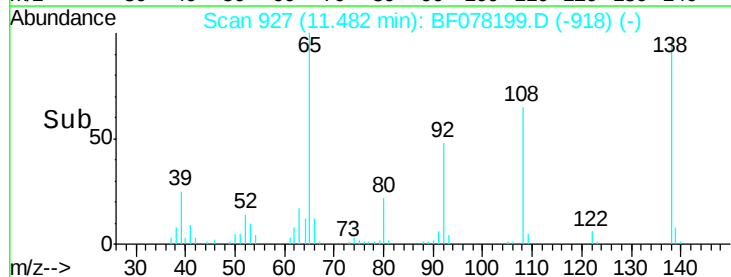
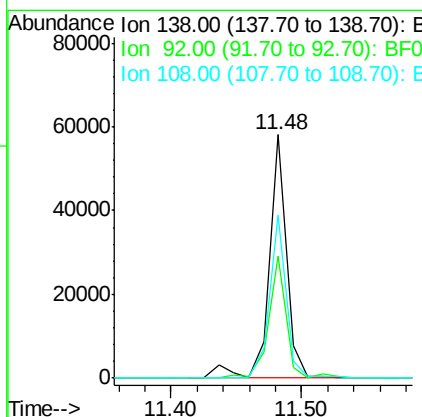
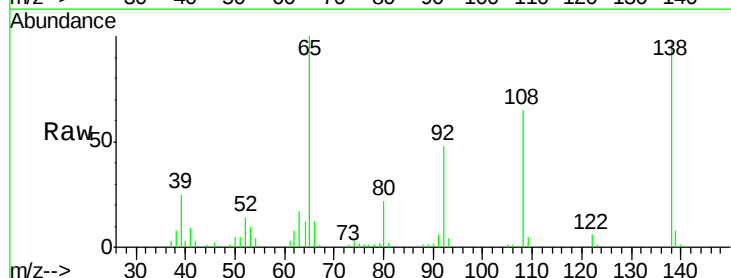
Manual Integrations
APPROVED

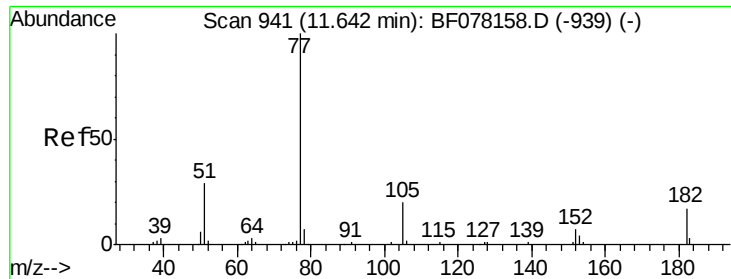
apatel
4/6/2015 12:04:17 PM



#61
4-Nitroaniline
Concen: 37.57 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	54920		
92	50.0	27.3	67.3	
108	66.9	47.2	87.2	





#62

Azobenzene

Concen: 42.82 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

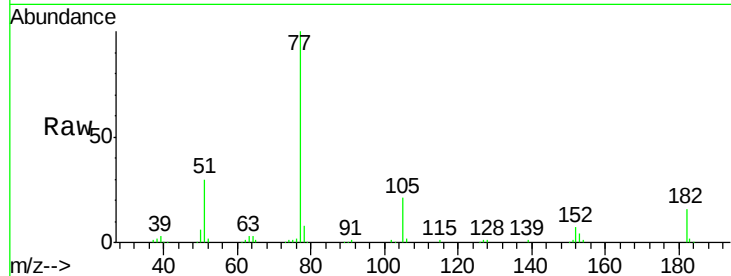
ClientSampleId :

PB82469BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		232923		
182	16.4	0.0	36.8		
105	20.6	0.3	40.3		
51	30.2	9.1	49.1		

Manual Integrations
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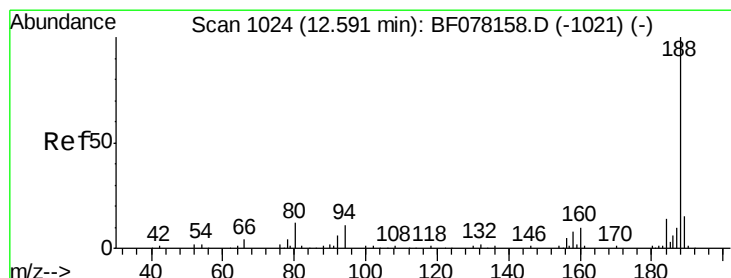
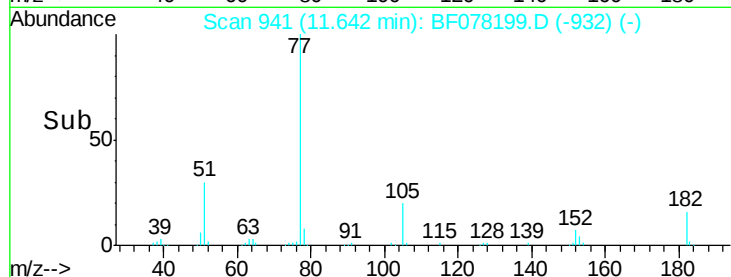
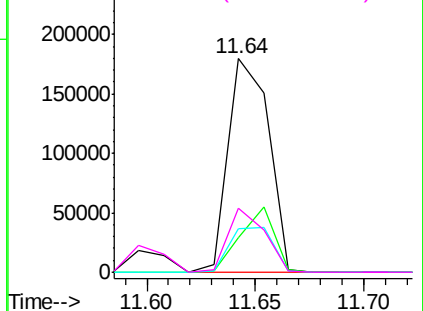


Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-939) (-)

Ion 182.00 (181.70 to 182.70): BF078158.D (-939) (-)

Ion 105.00 (104.70 to 105.70): BF078158.D (-939) (-)

Ion 51.00 (50.70 to 51.70): BF078158.D (-939) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

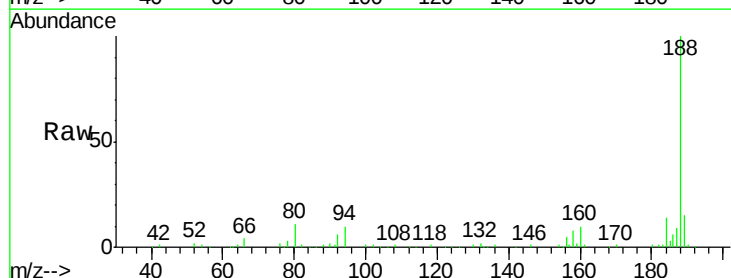
RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

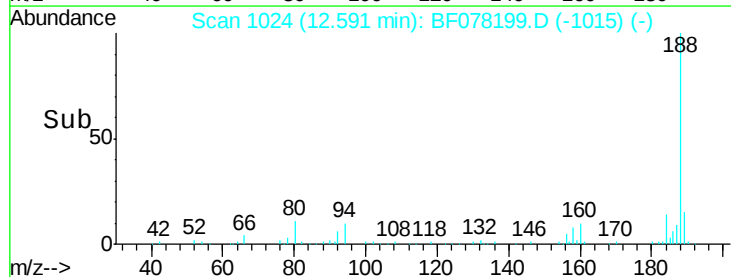
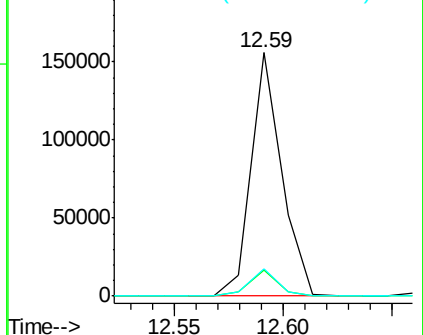
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		152665		
94	10.5	9.0	13.4		
80	11.0	9.5	14.3		

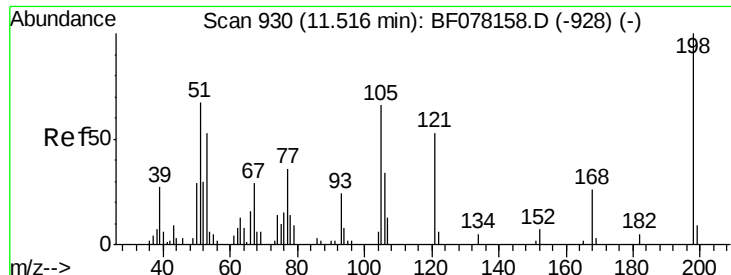


Abundance Ion 188.00 (187.70 to 188.70): BF078158.D (-1021) (-)

Ion 94.00 (93.70 to 94.70): BF078158.D (-1021) (-)

Ion 80.00 (79.70 to 80.70): BF078158.D (-1021) (-)





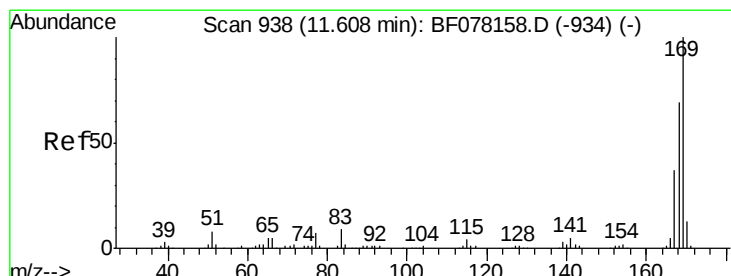
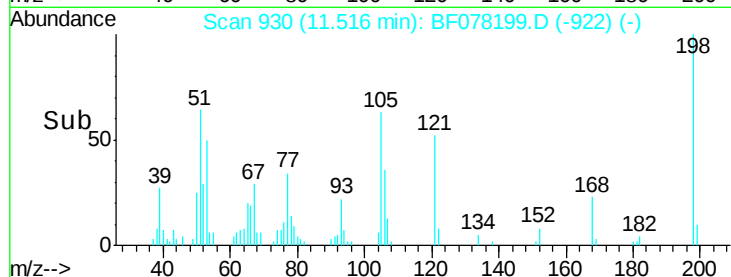
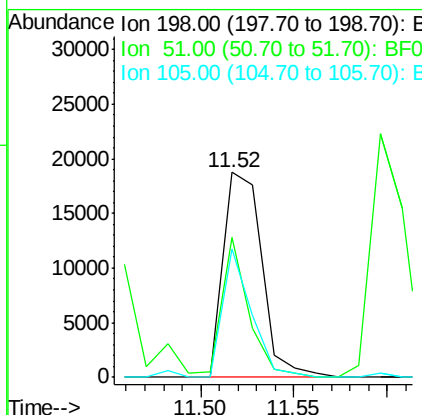
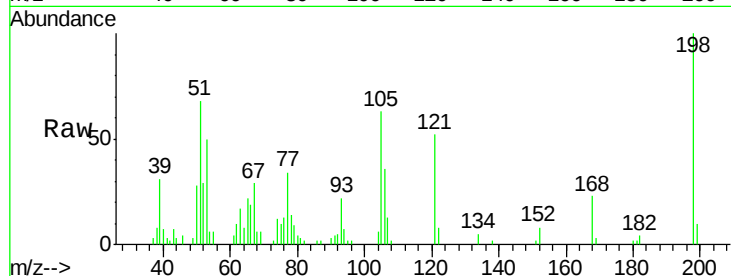
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.02 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampled :
 PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	27169		
51	68.5	48.6	88.6	
105	62.6	45.8	85.8	

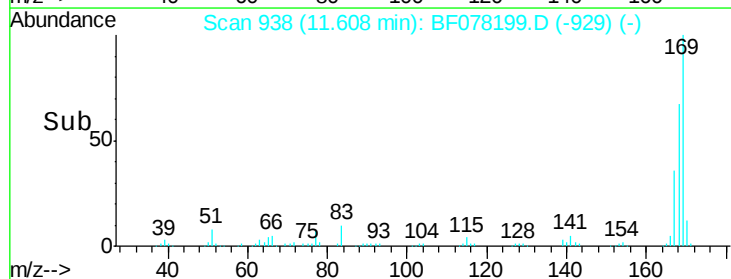
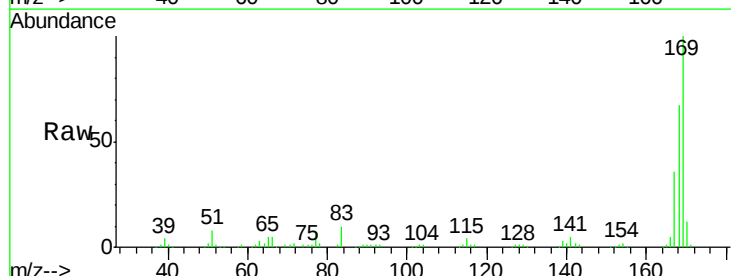
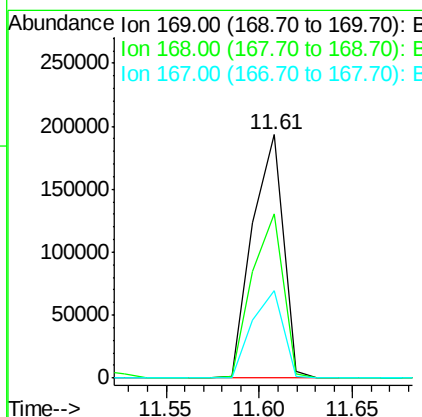
Manual Integrations
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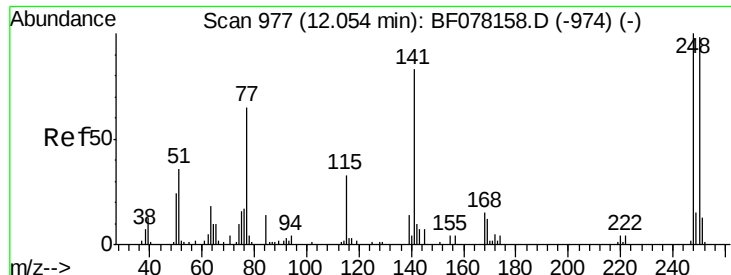
apatel
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#65
 n-Nitrosodiphenylamine
 Concen: 42.01 ng
 RT: 11.61 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221819		
168	67.3	55.0	82.4	
167	36.0	29.3	43.9	





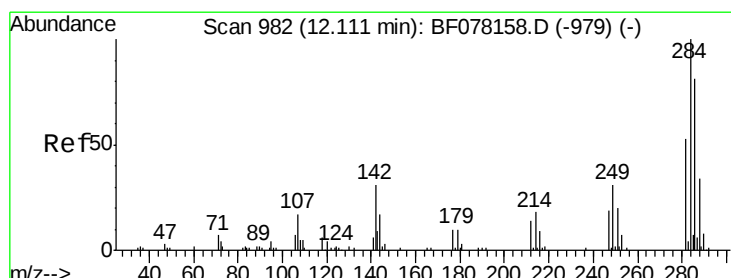
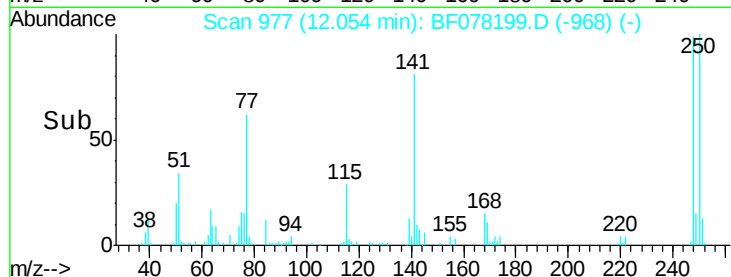
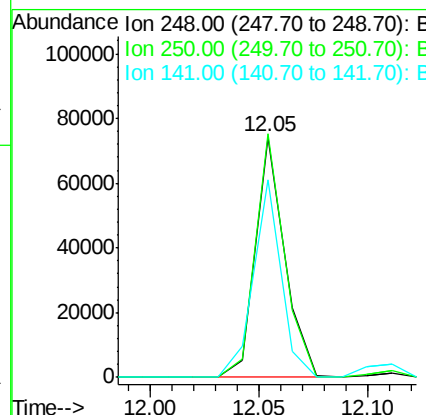
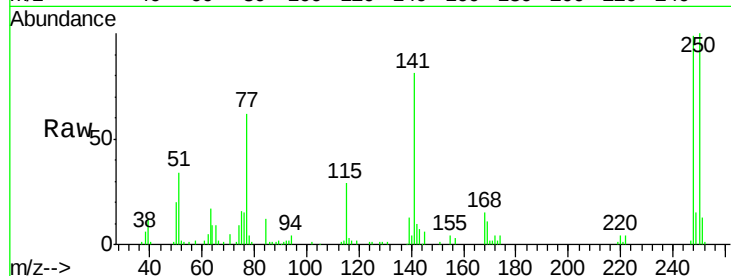
#66
4-Bromophenyl-phenylether
Concen: 42.98 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleID :
PB82469BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.5	78.2	117.2
141	82.3	66.4	99.6

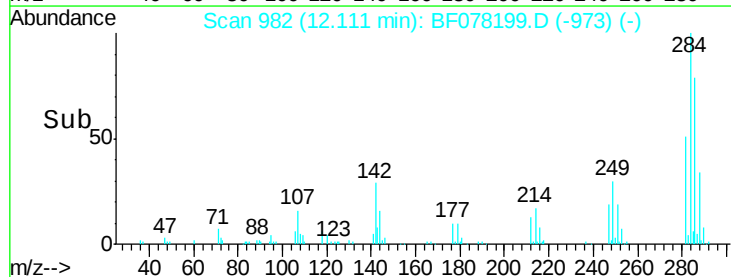
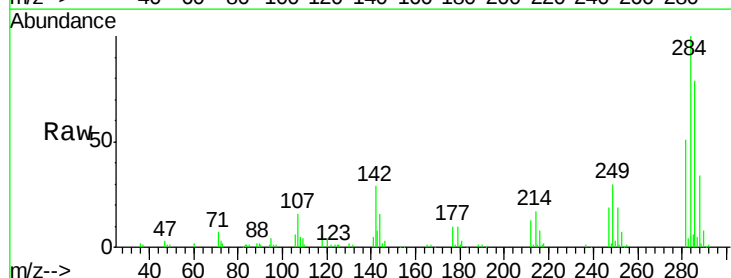
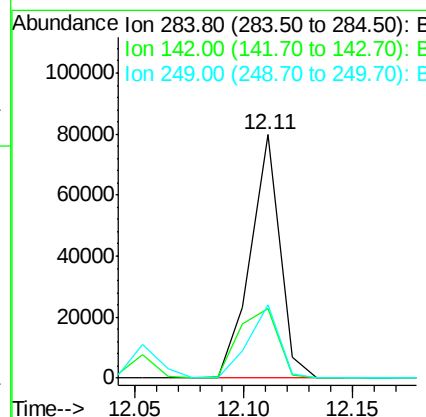
Manual Integrations
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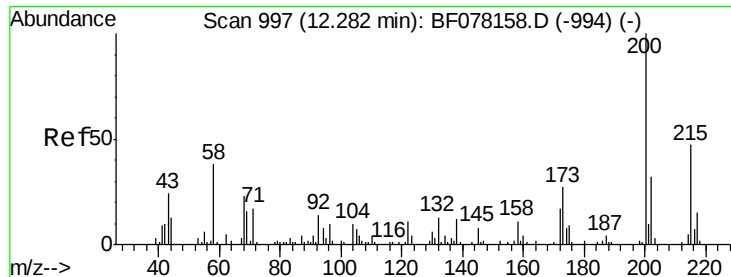
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#67
Hexachlorobenzene
Concen: 42.50 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.5	36.7
249	30.3	24.8	37.2





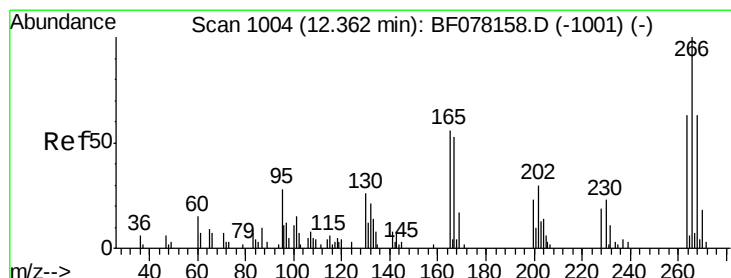
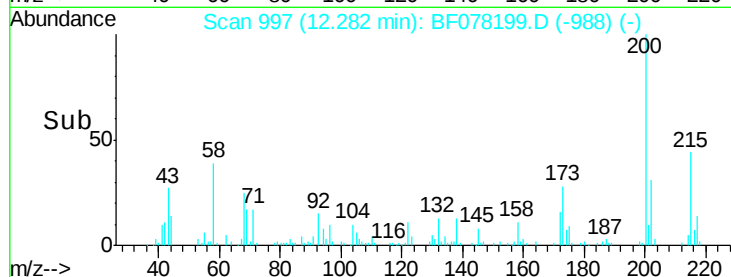
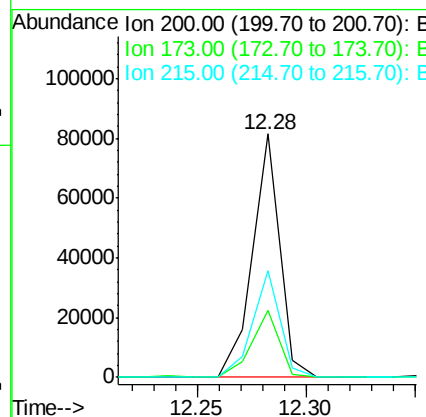
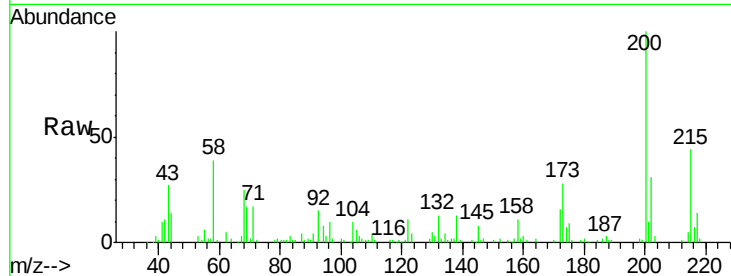
#68
 Atrazine
 Concen: 46.23 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampled :
 PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	70714		
173	27.5	6.9	46.9	
215	43.9	27.1	67.1	

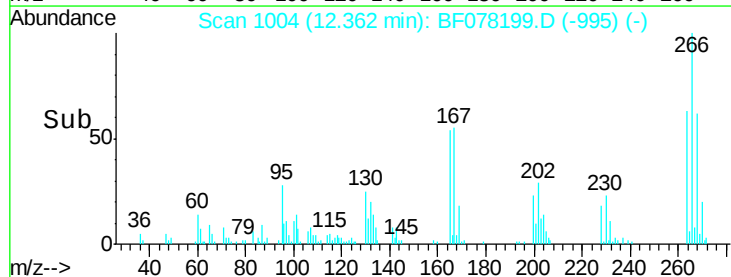
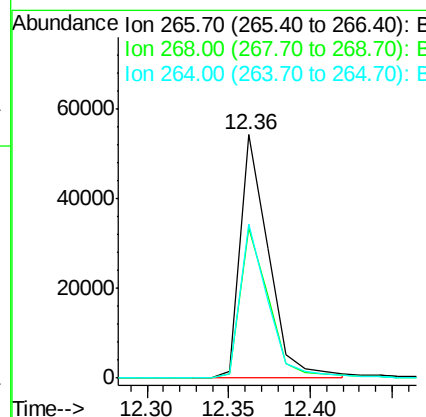
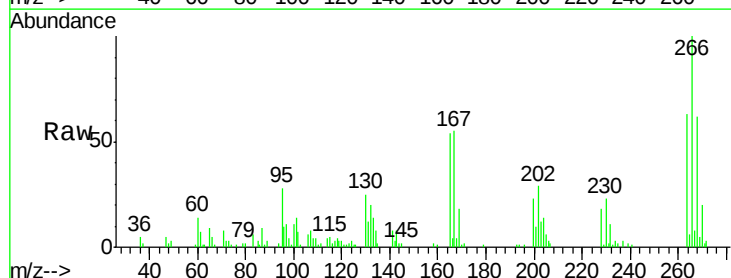
Manual Integrations
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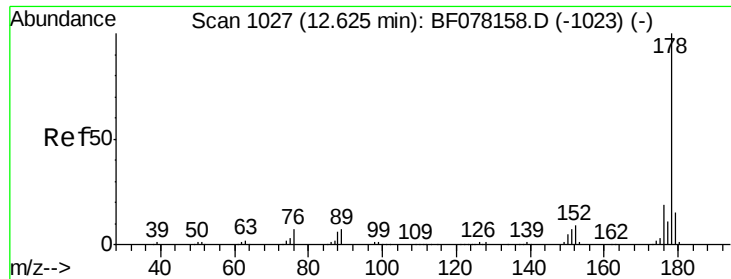
apatel
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#69
 Pentachlorophenol
 Concen: 81.85 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	64464		
268	61.7	50.1	75.1	
264	63.3	50.0	75.0	





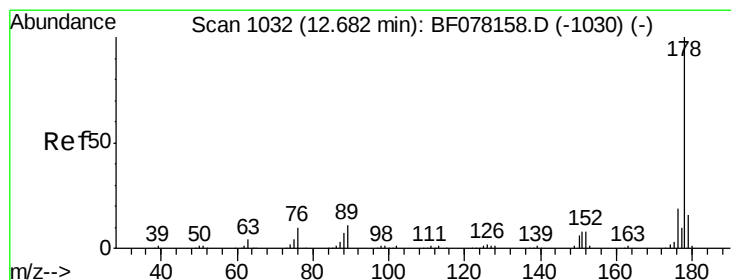
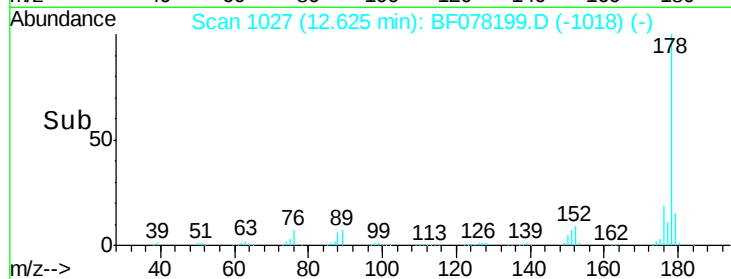
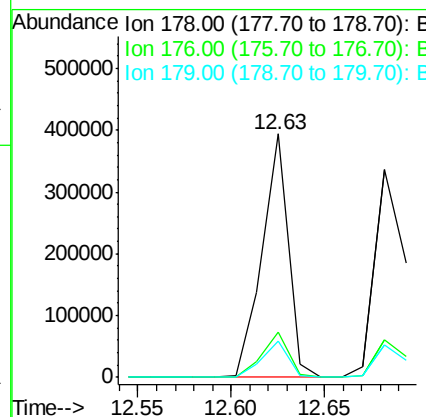
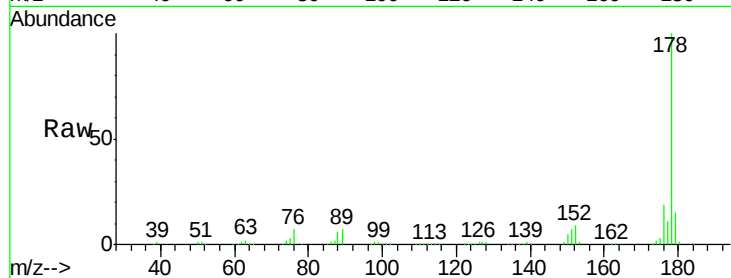
#70
Phenanthrene
Concen: 43.24 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.0	12.2	18.2

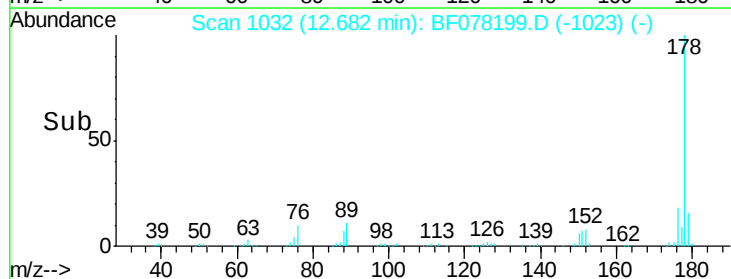
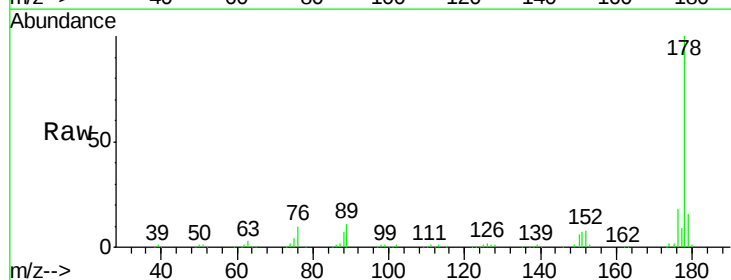
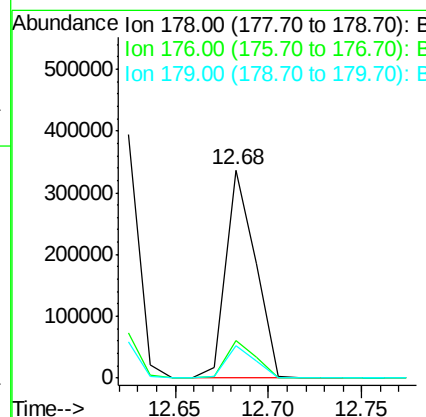
Manual Integrations
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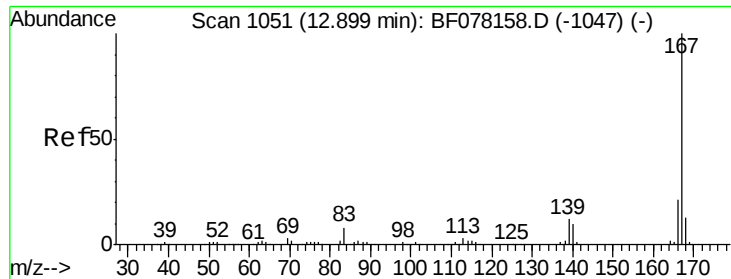
apatel
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#71
Anthracene
Concen: 42.83 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.6	12.4	18.6





#72

Carbazole

Concen: 43.88 ng

RT: 12.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF078199.D

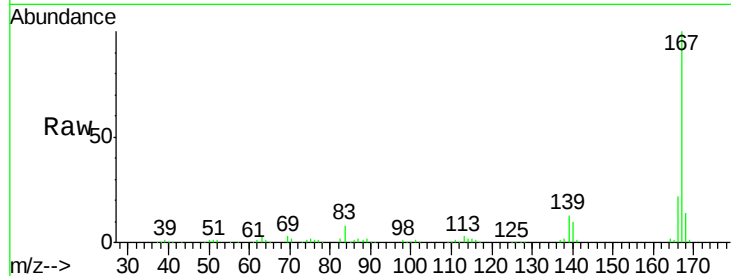
Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

ClientSampleId :

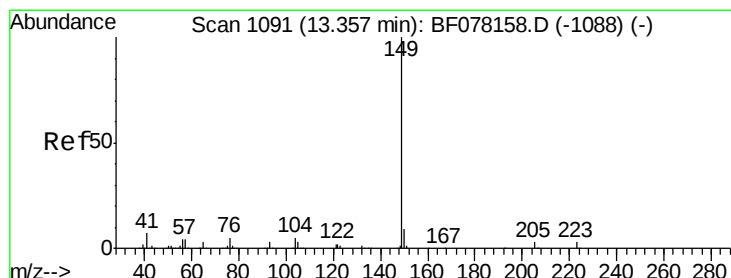
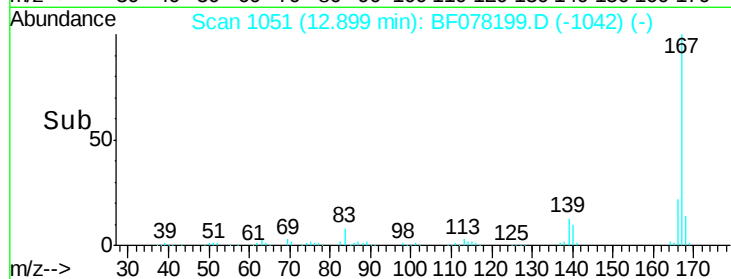
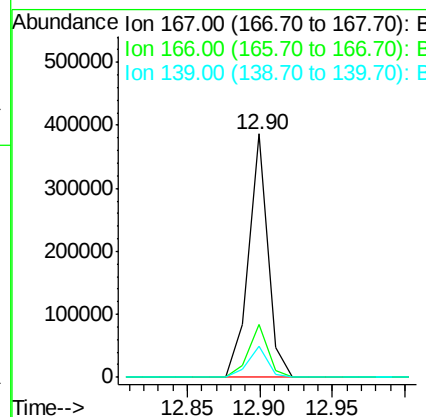
PB82469BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		357811		
166	21.8	16.8	25.2		
139	13.0	10.0	15.0		

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 43.60 ng

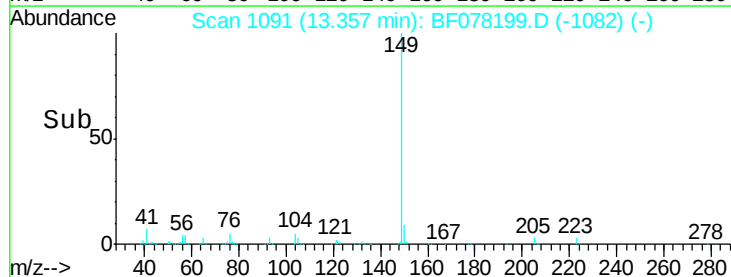
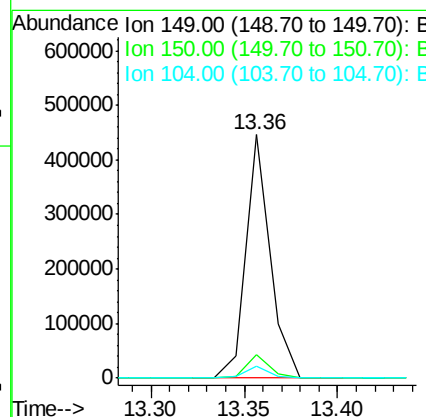
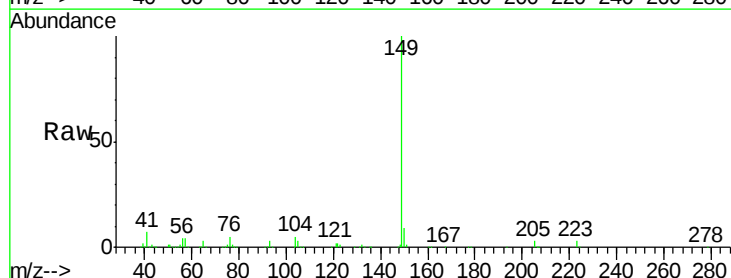
RT: 13.36 min Scan# 1091

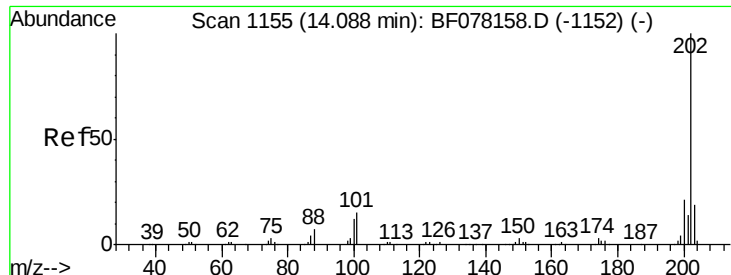
Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		402816		
150	9.4	7.1	10.7		
104	4.7	3.8	5.6		





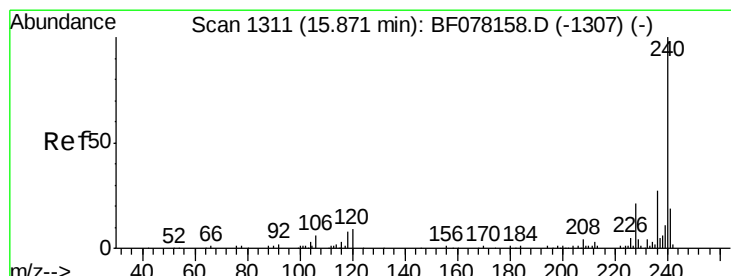
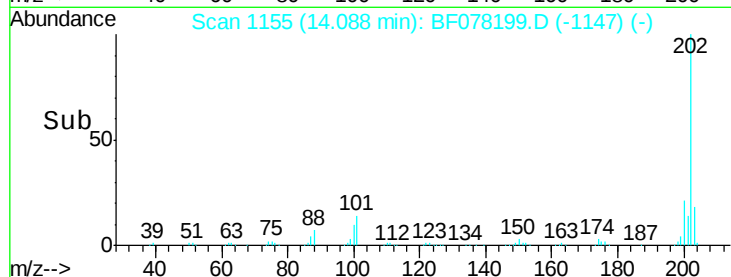
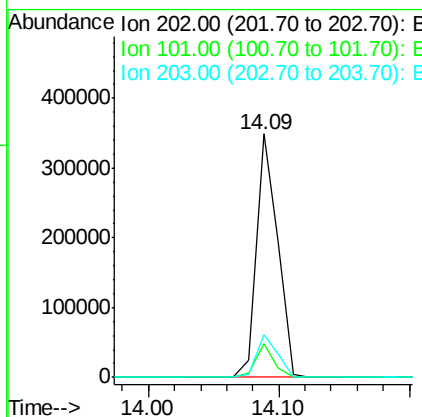
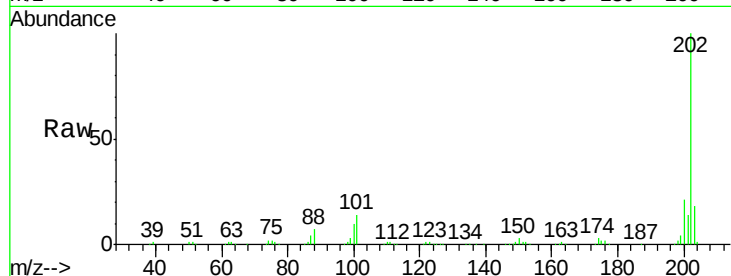
#74
 Fluoranthene
 Concen: 42.42 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	0.0	35.2
203	17.6	0.0	38.5

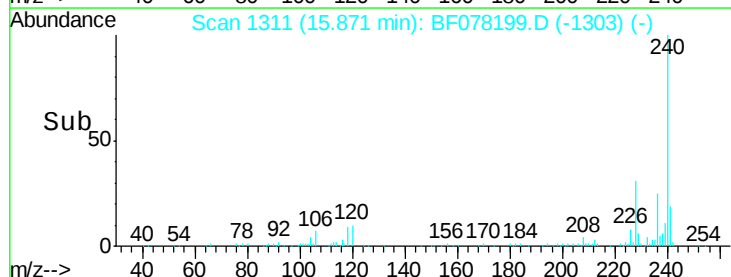
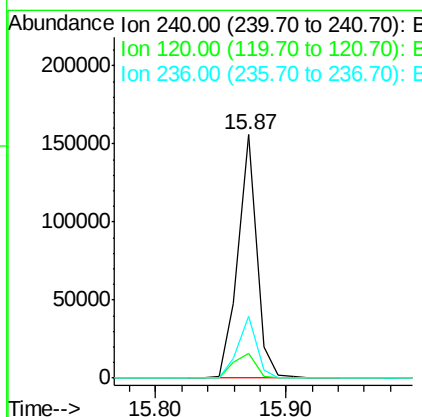
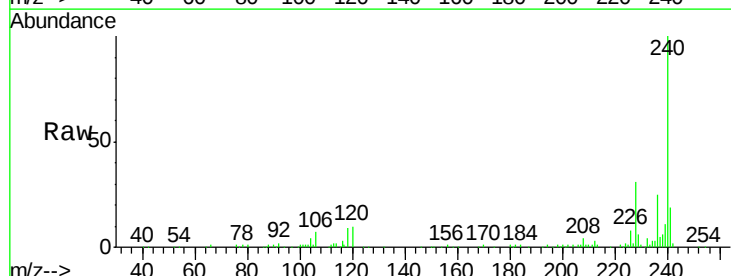
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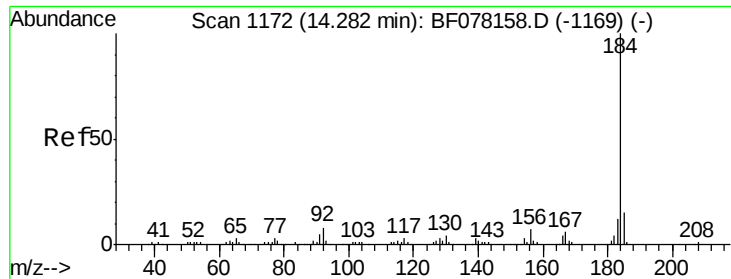
apatel
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF078199.D
 Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.1	7.1	10.7
236	25.2	21.4	32.2





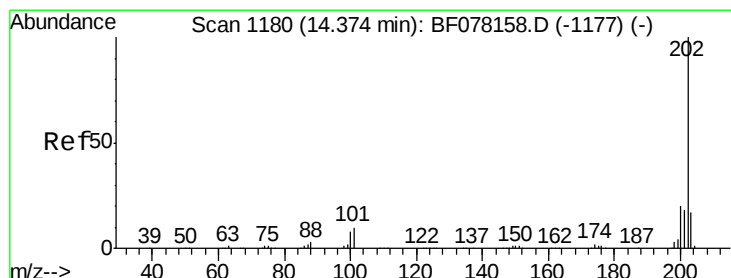
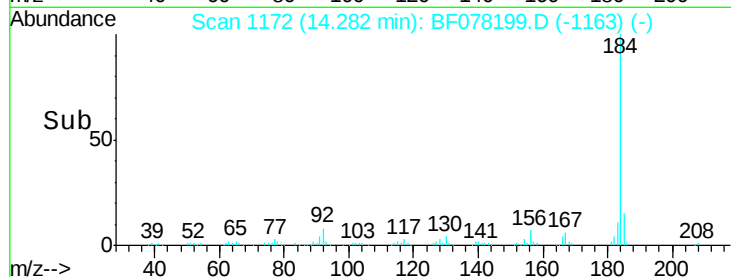
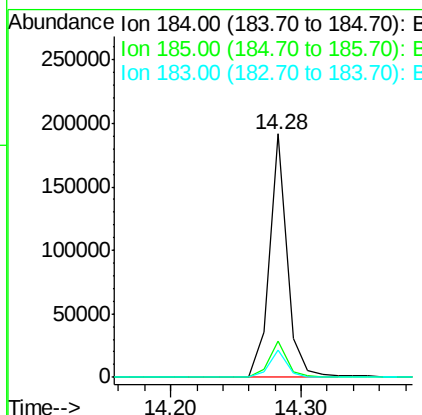
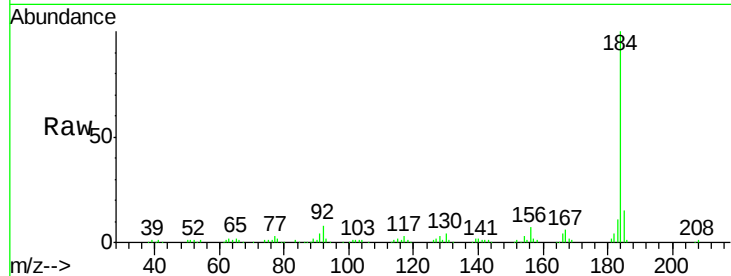
#76
Benzidine
Concen: 30.39 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	12.2	18.2	
183	11.2	9.5	14.3	

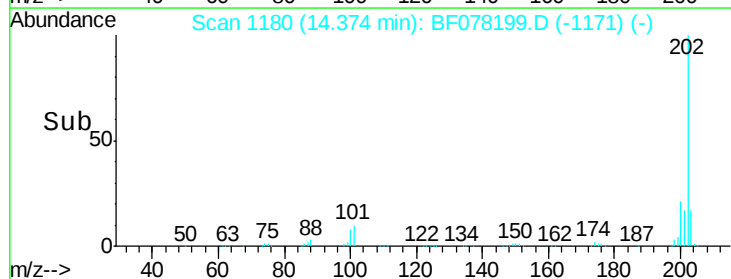
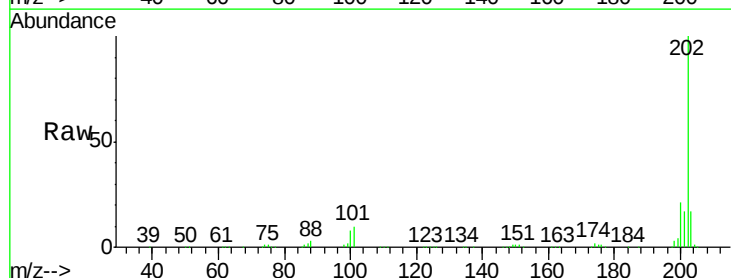
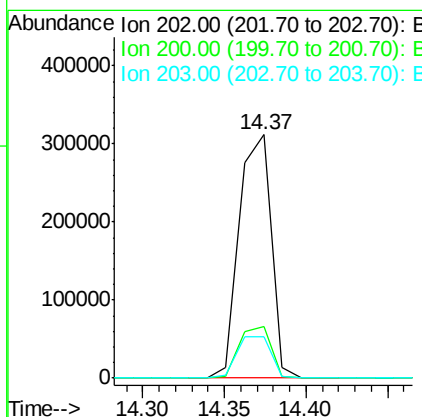
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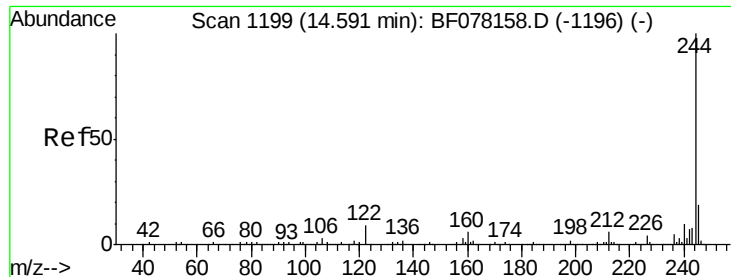
apatel
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#77
Pyrene
Concen: 43.03 ng
RT: 14.37 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	16.3	24.5	
203	17.2	13.8	20.6	





#78

Terphenyl-d14

Concen: 76.59 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

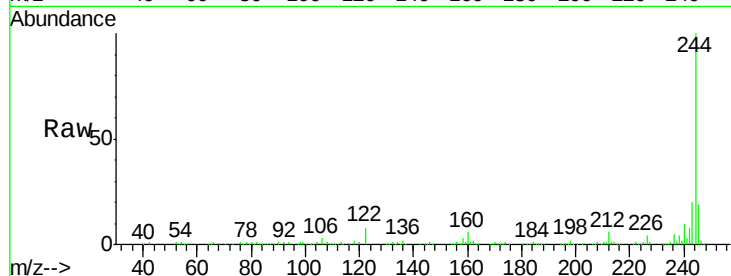
ClientSampleId :

PB82469BS

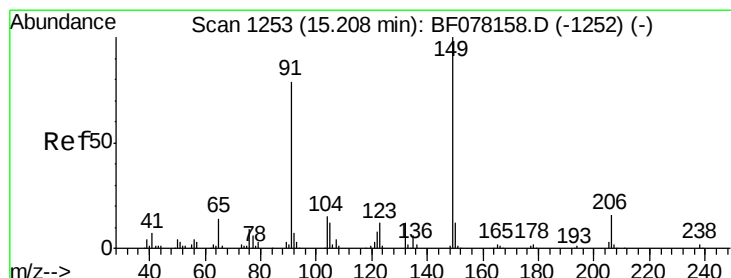
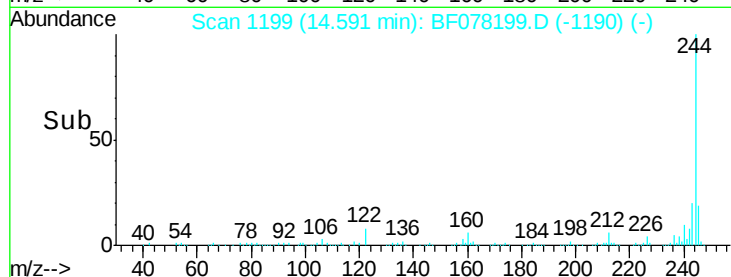
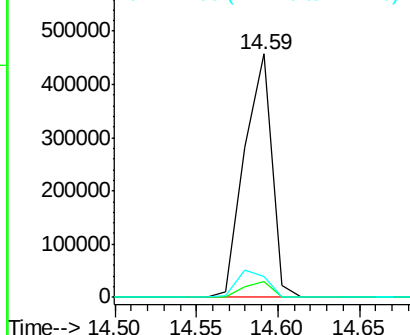
Tot Ion:	244	Resp:	531729
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.0	7.4
122	8.5	7.1	10.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.05 ng

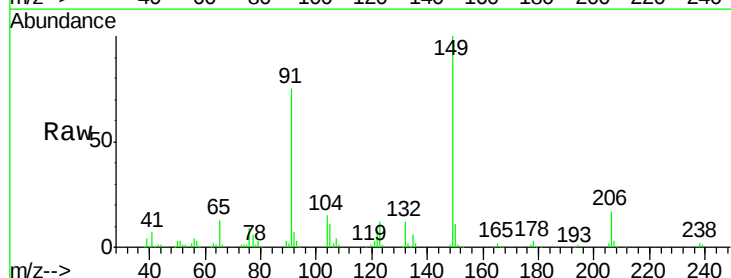
RT: 15.21 min Scan# 1253

Delta R.T. -0.01 min

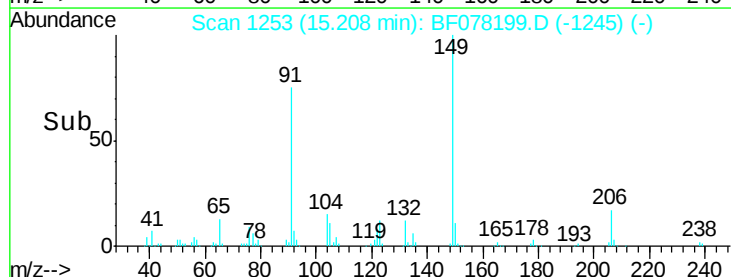
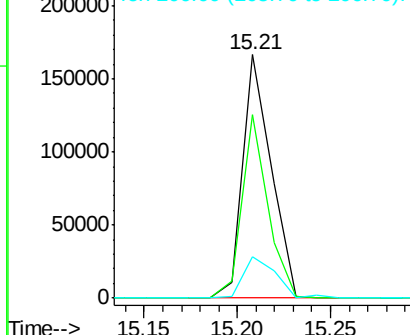
Lab File: BF078199.D

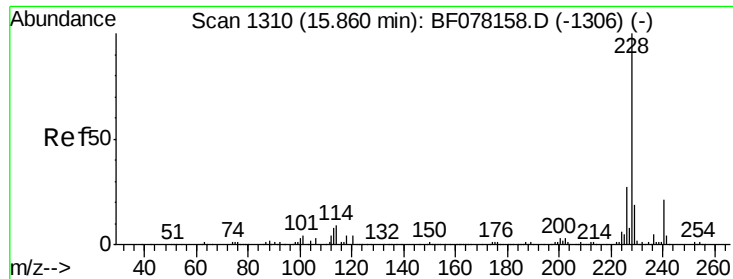
Acq: 2 Apr 2015 14:58

Tgt Ion:	149	Resp:	176588
Ion Ratio	Lower	Upper	
149	100		
91	75.2	64.2	96.2
206	17.2	12.6	18.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





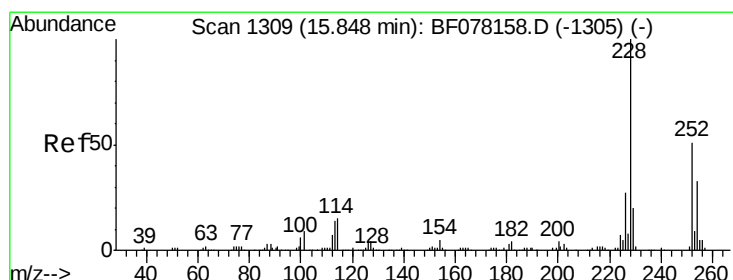
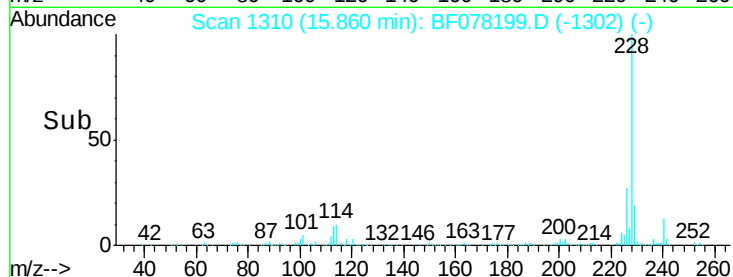
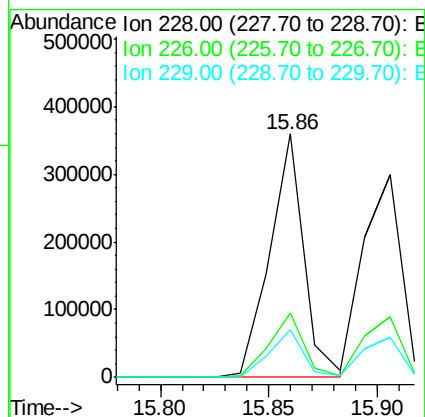
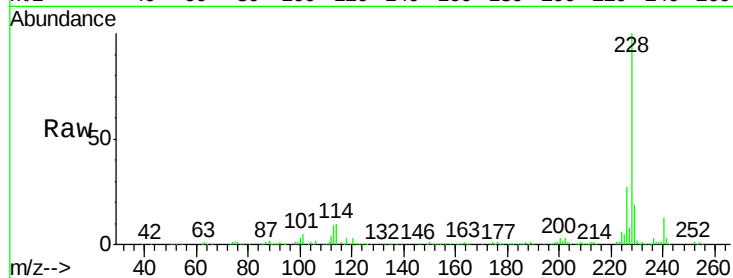
#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	19.5	15.4	23.2

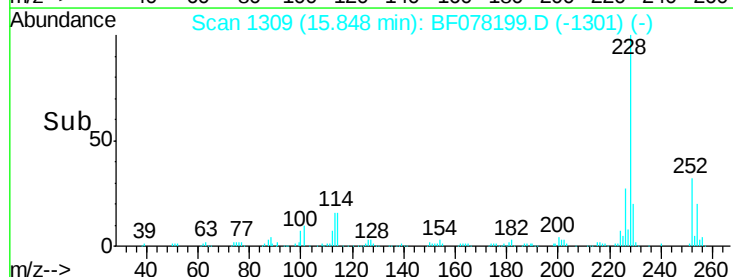
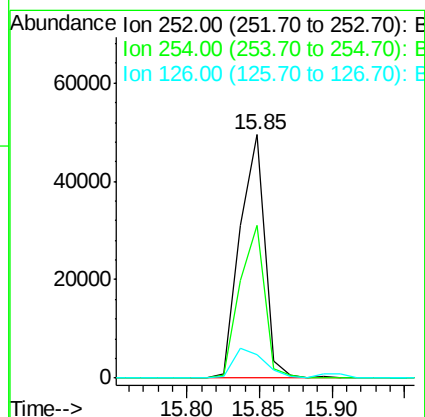
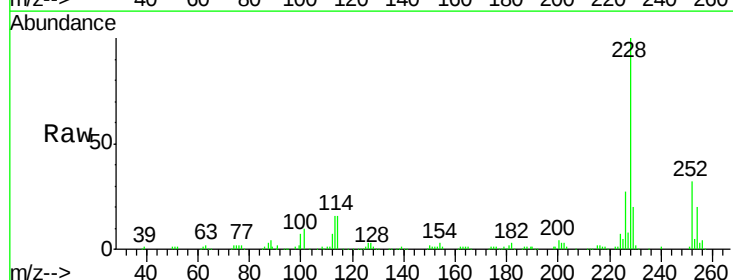
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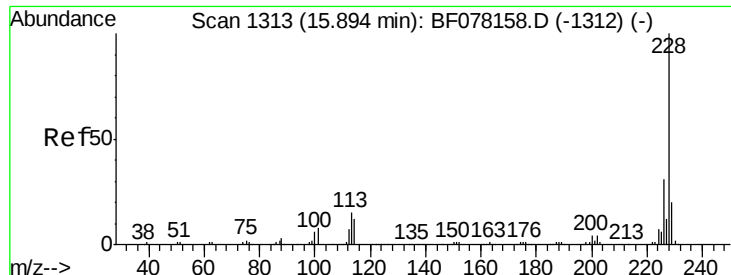
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#81
3,3'-Dichlorobenzidine
Concen: 18.82 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.2	76.8
126	9.7	6.3	9.5





#82

Chrysene

Concen: 41.82 ng

RT: 15.91 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

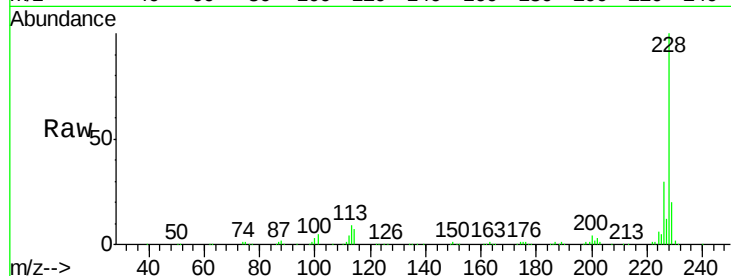
ClientSampleId :

PB82469BS

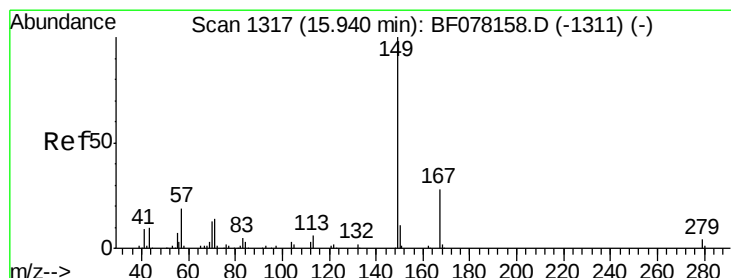
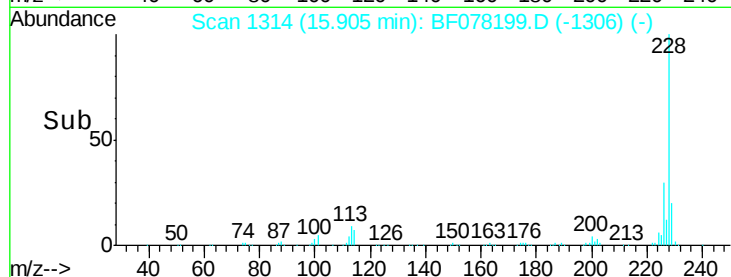
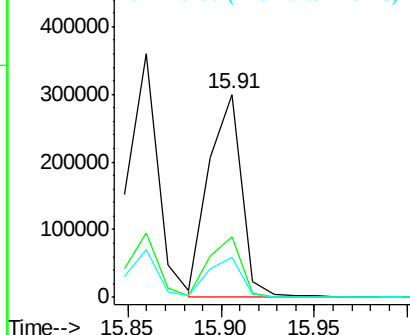
Tot Ion:	228	Resp:	366719
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	19.7	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.89 ng

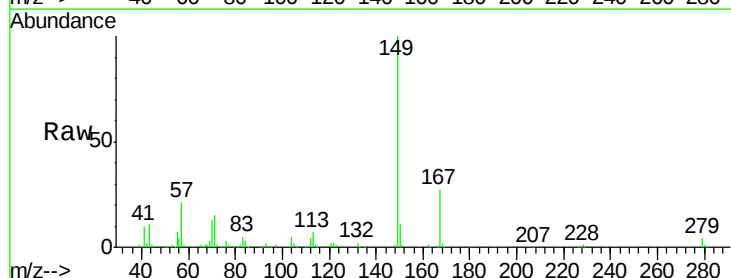
RT: 15.94 min Scan# 1317

Delta R.T. -0.01 min

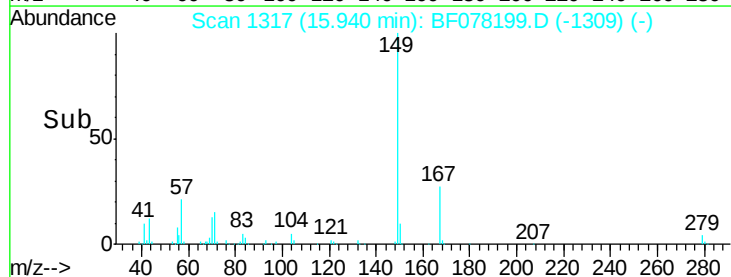
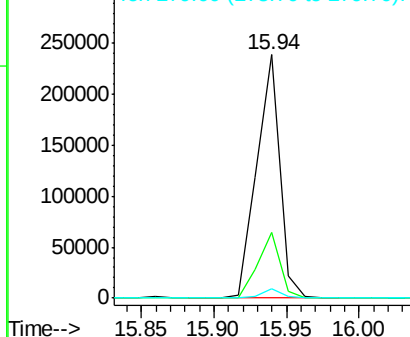
Lab File: BF078199.D

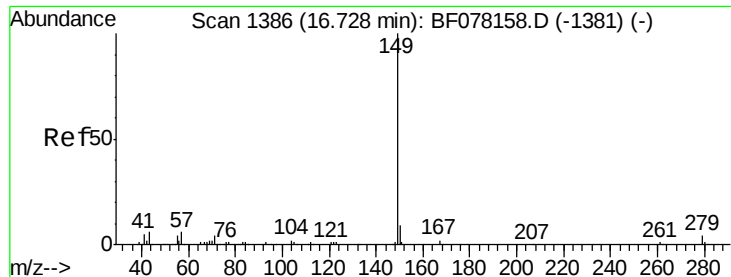
Acq: 2 Apr 2015 14:58

Tgt Ion:	149	Resp:	264243
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.2	33.2
279	3.7	3.2	4.8



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





#84

Di-n-octyl phthalate

Concen: 47.14 ng

RT: 16.73 min Scan# 1386

Delta R.T. -0.05 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Instrument :

BNA_F

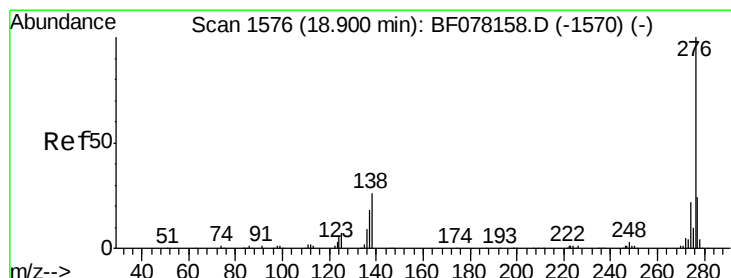
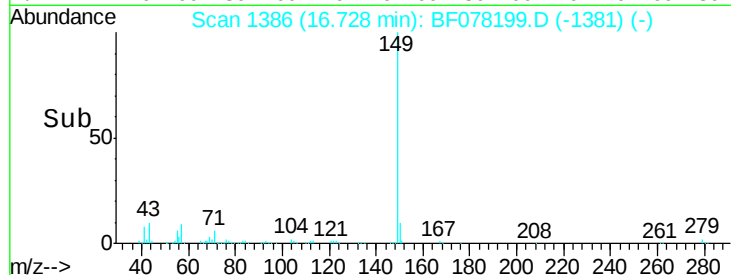
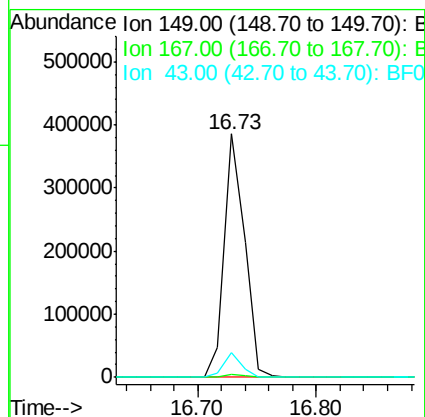
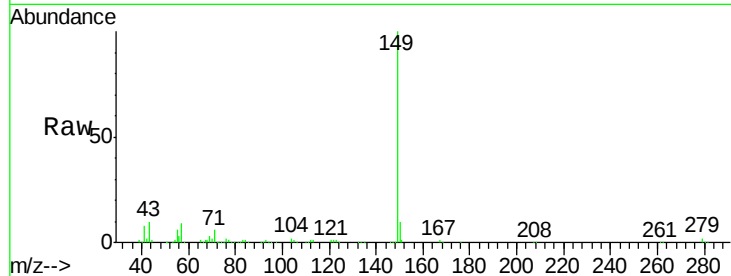
ClientSampleId :

PB82469BS

Tot Ion:	149	Resp:	455640
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.4	0.0	0.0#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 42.04 ng

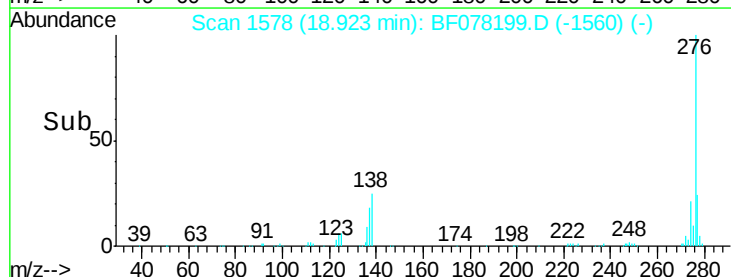
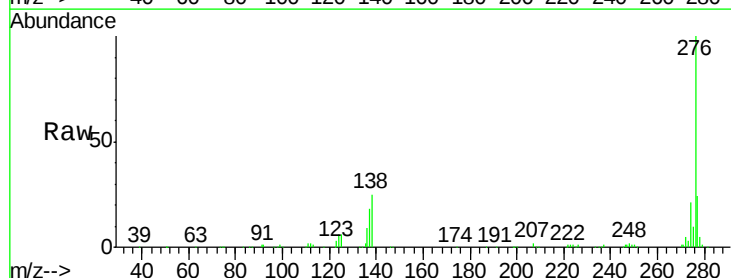
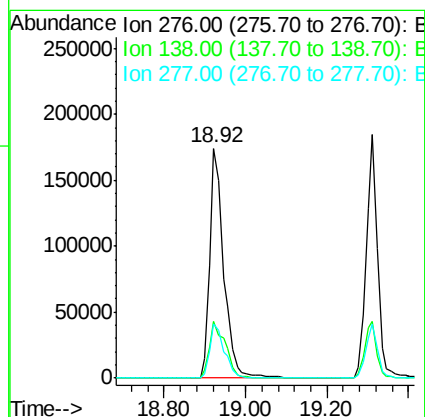
RT: 18.92 min Scan# 1578

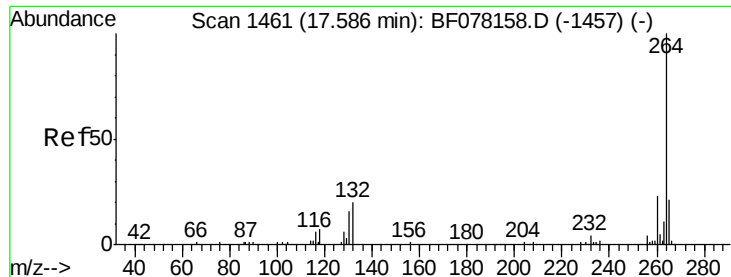
Delta R.T. -0.09 min

Lab File: BF078199.D

Acq: 2 Apr 2015 14:58

Tgt Ion:	276	Resp:	418327
Ion Ratio	Lower	Upper	
276	100		
138	28.3	16.9	25.3#
277	24.6	15.8	23.6#





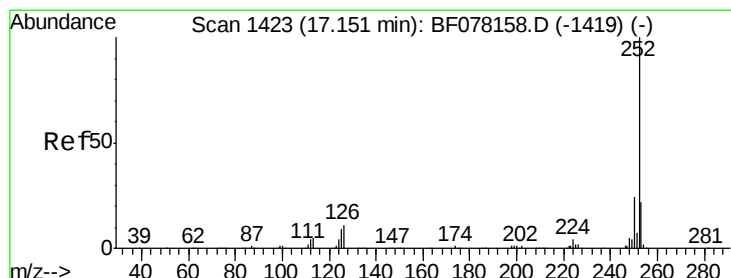
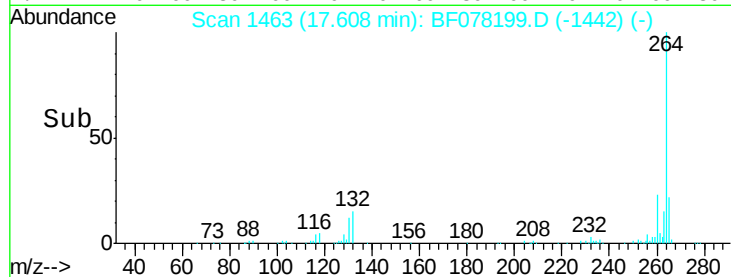
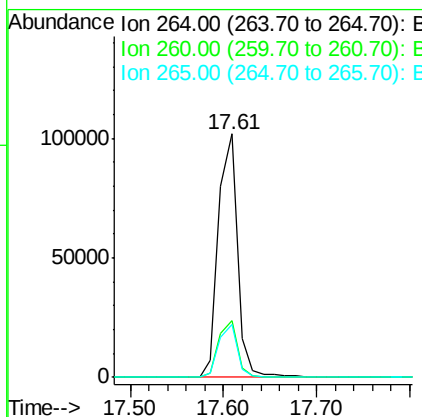
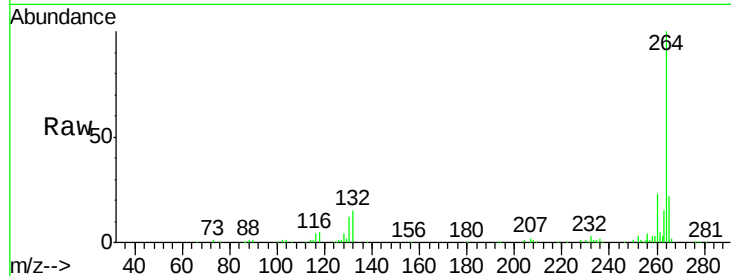
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.5	17.0	25.6

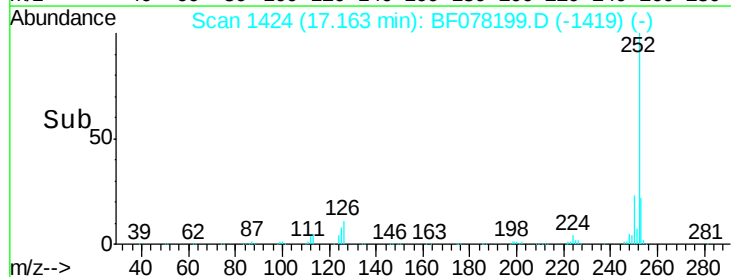
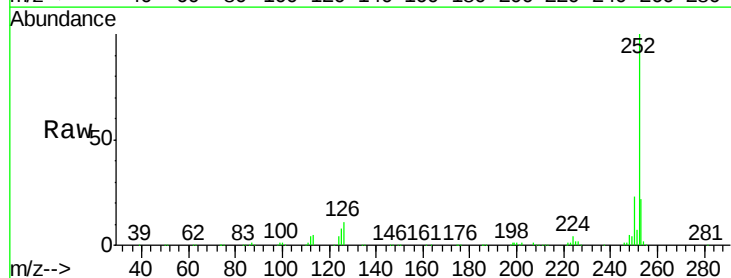
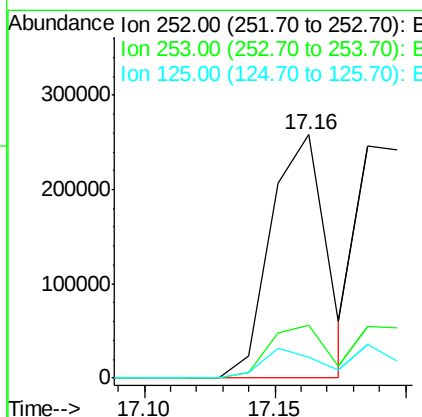
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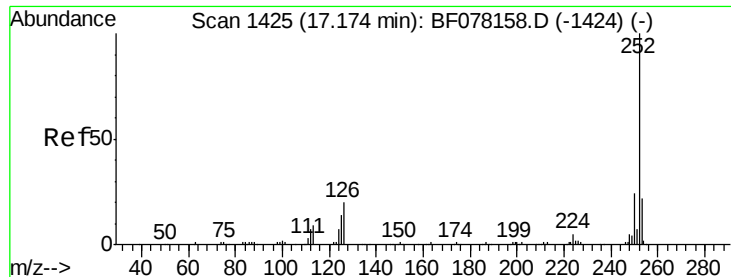
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#87
Benzo(b)fluoranthene
Concen: 41.84 ng
RT: 17.16 min Scan# 1424
Delta R.T. -0.05 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.4	7.0	10.4





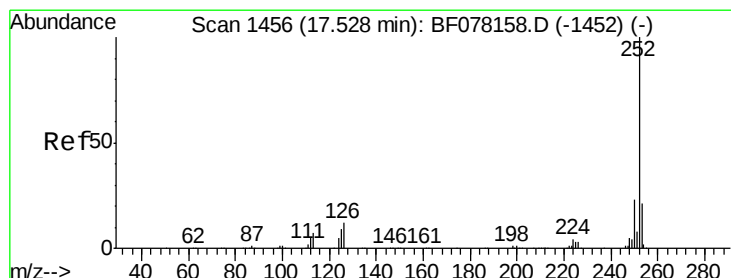
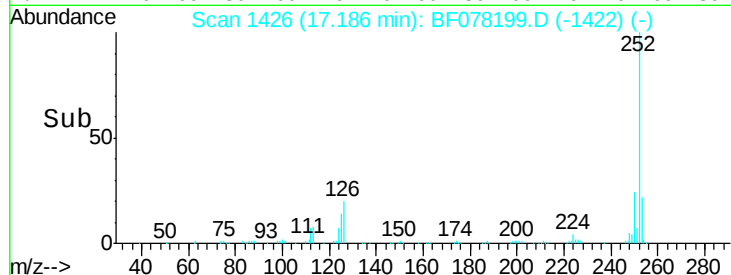
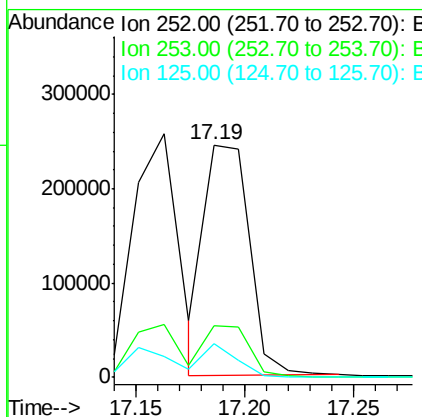
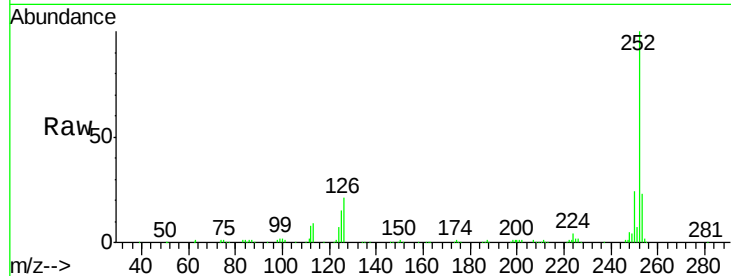
#88
Benzo(k)fluoranthene
Concen: 44.03 ng
RT: 17.19 min Scan# 1426
Delta R.T. -0.06 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion:	252	Resp:	352637
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	14.7	11.6	17.4

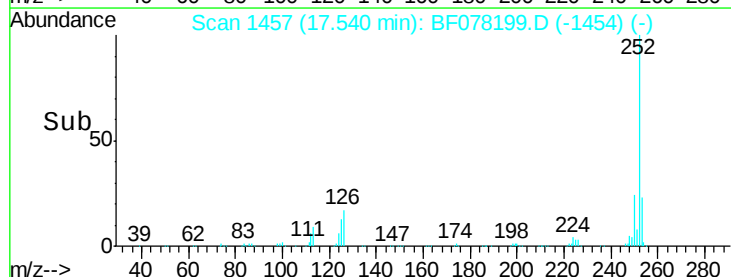
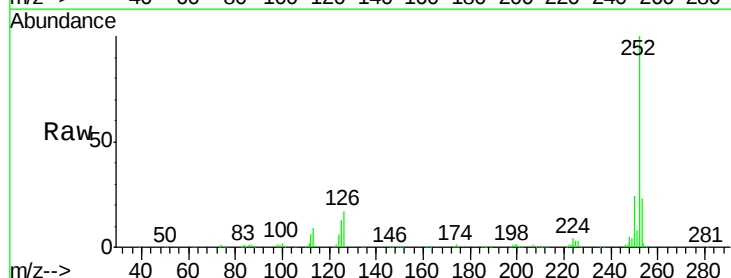
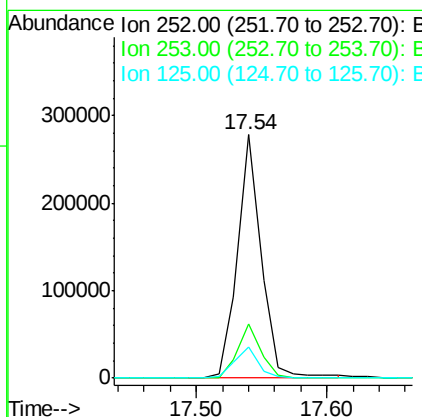
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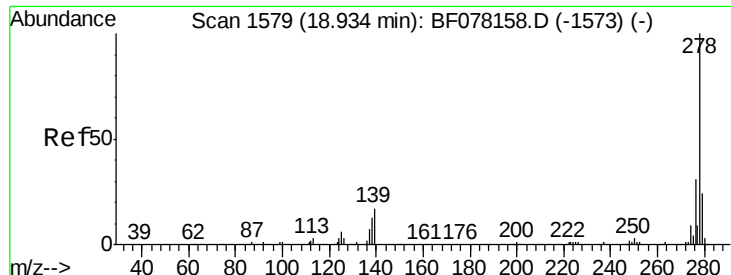
apatel
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#89
Benzo(a)pyrene
Concen: 44.73 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.07 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion:	252	Resp:	351859
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.8	25.2
125	13.0	7.4	11.0#





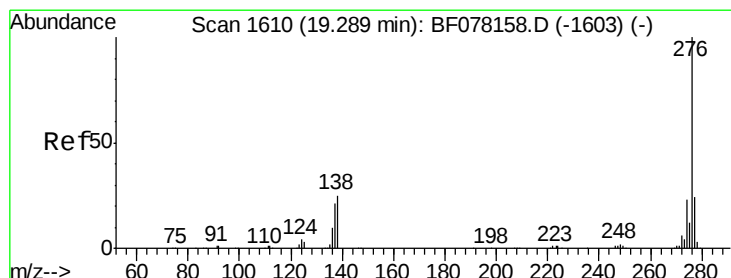
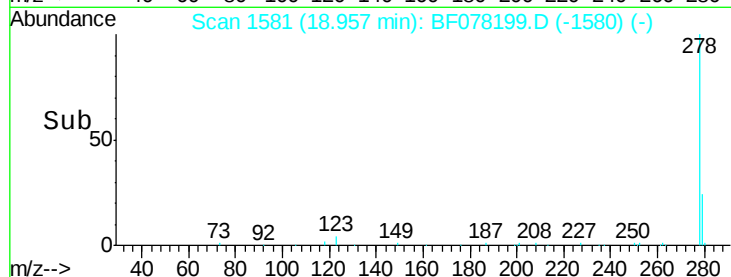
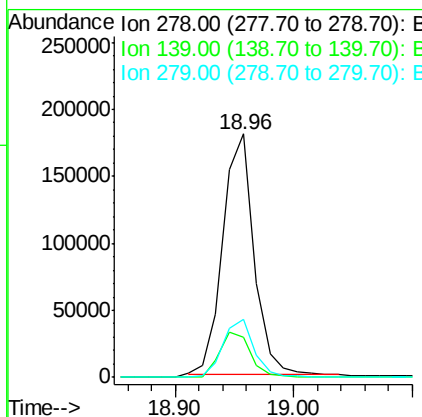
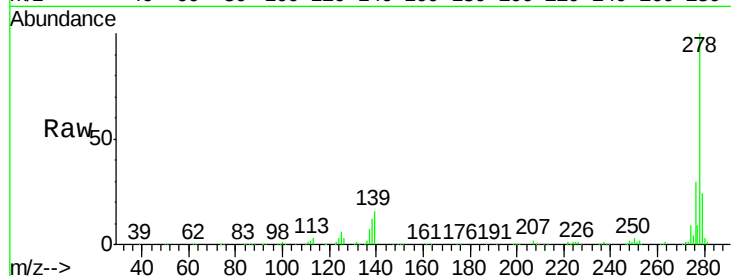
#90
Dibenzo(a,h)anthracene
Concen: 41.74 ng
RT: 18.96 min Scan# 1581
Delta R.T. -0.09 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Instrument :
BNA_F
ClientSampleId :
PB82469BS

Tot Ion:	278	Resp:	328692
Ion Ratio	Lower	Upper	
278	100		
139	16.5	13.6	20.4
279	23.8	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 43.77 ng
RT: 19.31 min Scan# 1612
Delta R.T. -0.09 min
Lab File: BF078199.D
Acq: 2 Apr 2015 14:58

Tgt Ion:	276	Resp:	345549
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.0	28.4
138	23.5	19.9	29.9

