

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078201.D
 Acq On : 2 Apr 2015 15:56
 Operator : TP/IZ
 Sample : PB82420BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:04:24 PM

Quant Time: Apr 03 01:46:21 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	39337	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	162708	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	79033	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	155151	20.00	ng	0.00
75) Chrysene-d12	15.86	240	160304	20.00	ng	-0.02
86) Perylene-d12	17.55	264	156815	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	283996	119.03	ng	0.01
7) Phenol-d6	6.60	99	347100	116.09	ng	0.00
23) Nitrobenzene-d5	7.71	82	202614	75.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	86226	131.55	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	445202	80.52	ng	0.00
78) Terphenyl-d14	14.59	244	522569	73.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	33617	31.16	ng	97
3) Pyridine	2.51	79	110723	39.18	ng	94
4) n-Nitrosodimethylamine	2.45	42	42610m	39.17	ng	
6) Aniline	6.60	93	91166	21.50	ng	# 88
8) 2-Chlorophenol	6.75	128	115709	41.02	ng	98
10) Phenol	6.62	94	139441	38.92	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	110343	42.83	ng	98
12) 1,3-Dichlorobenzene	6.93	146	117450	37.90	ng	99
13) 1,4-Dichlorobenzene	7.04	146	120631	38.67	ng	99
14) 1,2-Dichlorobenzene	7.22	146	115699	39.56	ng	99
15) Benzyl Alcohol	7.21	79	86825	41.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	142139	41.36	ng	99
17) 2-Methylphenol	7.37	107	93191	42.55	ng	99
18) Hexachloroethane	7.63	117	40417	38.42	ng	# 73
19) n-Nitroso-di-n-propylamine	7.54	70	75038	38.04	ng	# 82
20) 3+4-Methylphenols	7.56	107	120551	41.26	ng	97
22) Acetophenone	7.53	105	155490	41.01	ng	# 90
24) Nitrobenzene	7.73	77	108700	38.73	ng	# 78
25) Isophorone	8.04	82	207314	40.69	ng	100
26) 2-Nitrophenol	8.13	139	55742	41.68	ng	98
27) 2,4-Dimethylphenol	8.21	122	100986	40.61	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	134679	41.23	ng	100
29) 2,4-Dichlorophenol	8.43	162	97226	42.98	ng	88
30) 1,2,4-Trichlorobenzene	8.53	180	98732	38.06	ng	99
31) Naphthalene	8.62	128	330402	39.01	ng	98
32) Benzoic acid	8.34	122	39097	35.19	ng	95
33) 4-Chloroaniline	8.70	127	81877	23.30	ng	98
34) Hexachlorobutadiene	8.77	225	54535	38.29	ng	98
35) Caprolactam	9.13	113	27795	41.16	ng	96
36) 4-Chloro-3-methylphenol	9.32	107	95669	41.91	ng	98
37) 2-Methylnaphthalene	9.48	142	229121	39.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	97014	39.62	ng	98
40) Hexachlorocyclopentadiene	9.66	237	89268	84.28	ng	97
42) 2,4,6-Trichlorophenol	9.84	196	66173	42.85	ng	99

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Quant Time: Apr 03 01:46:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	67978	42.13	nq	# 83
45) 1,1'-Biphenyl	10.06	154	270638	41.86	nq	100
46) 2-Chloronaphthalene	10.08	162	209624	41.21	nq	99
47) 2-Nitroaniline	10.21	65	56750	45.10	nq	98
48) Acenaphthylene	10.59	152	336011	40.91	nq	99
49) Dimethylphthalate	10.45	163	240487	40.50	nq	99
50) 2,6-Dinitrotoluene	10.53	165	51465	42.13	nq	99
51) Acenaphthene	10.80	154	193470	41.84	nq	98
52) 3-Nitroaniline	10.73	138	45827	32.99	nq	99
53) 2,4-Dinitrophenol	10.86	184	32169	71.54	nq	95
54) Dibenzofuran	11.01	168	308035	43.61	nq	99
55) 4-Nitrophenol	10.97	139	80617	78.86	nq	98
56) 2,4-Dinitrotoluene	11.02	165	73788	46.64	nq	94
57) Fluorene	11.44	166	239248	41.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	54867	45.87	nq	# 98
59) Diethylphthalate	11.33	149	241670	42.21	nq	99
60) 4-Chlorophenyl-phenylether	11.45	204	109431	41.55	nq	# 76
61) 4-Nitroaniline	11.48	138	58532	41.68	nq	97
62) Azobenzene	11.64	77	226560	43.36	nq	96
64) 4,6-Dinitro-2-methylphenol	11.52	198	25697	35.98	nq	93
65) n-Nitrosodiphenylamine	11.60	169	209409	39.02	nq	98
66) 4-Bromophenyl-phenylether	12.05	248	66786	40.65	nq	94
67) Hexachlorobenzene	12.11	284	73322	40.72	nq	# 91
68) Atrazine	12.28	200	68425	44.02	nq	98
69) Pentachlorophenol	12.36	266	61220	77.00	nq	98
70) Phenanthrene	12.62	178	363043	40.45	nq	99
71) Anthracene	12.68	178	359565	40.66	nq	99
72) Carbazole	12.90	167	352260	42.50	nq	99
73) Di-n-butylphthalate	13.36	149	392012	41.75	nq	99
74) Fluoranthene	14.09	202	399534	42.21	nq	96
76) Benzidine	14.28	184	206303	33.42	nq	99
77) Pyrene	14.36	202	406266	40.37	nq	98
79) Butylbenzylphthalate	15.21	149	175551	45.77	nq	90
80) Benzo(a)anthracene	15.85	228	380583	39.90	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	76113	23.83	nq	# 98
82) Chrysene	15.89	228	364198	40.64	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	262398	43.62	nq	# 97
84) Di-n-octyl phthalate	16.71	149	453796	45.94	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.85	276	413032	40.62	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	413799	42.70	nq	# 96
88) Benzo(k)fluoranthene	17.15	252	326360m	37.89	nq	
89) Benzo(a)pyrene	17.49	252	358614	42.40	nq	98
90) Dibenzo(a,h)anthracene	18.88	278	340139m	40.17	nq	
91) Benzo(g,h,i)perylene	19.23	276	332736	39.19	nq	96

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

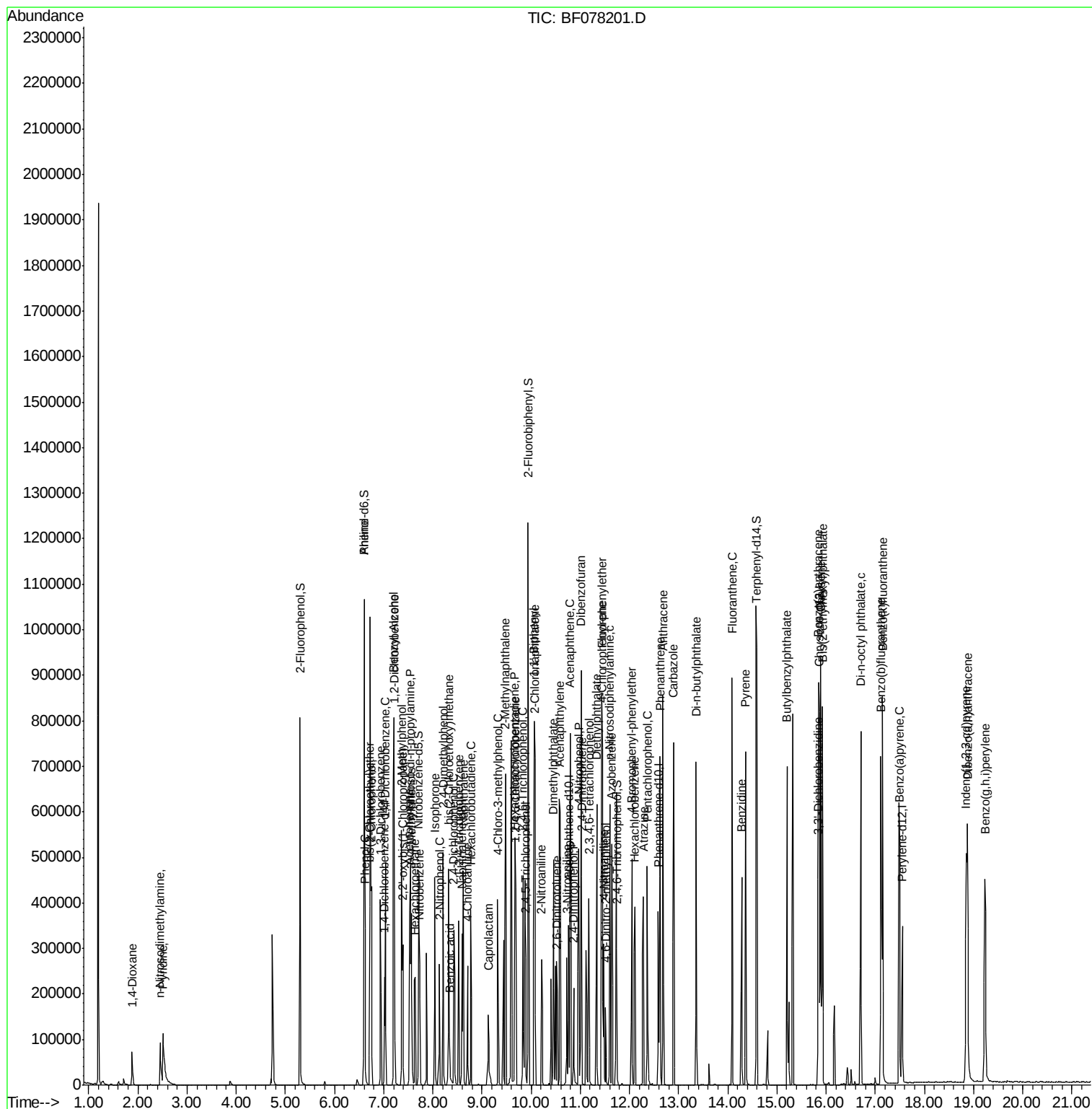
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\  
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Operator  : TP/IZ  
Sample    : PB82420BS  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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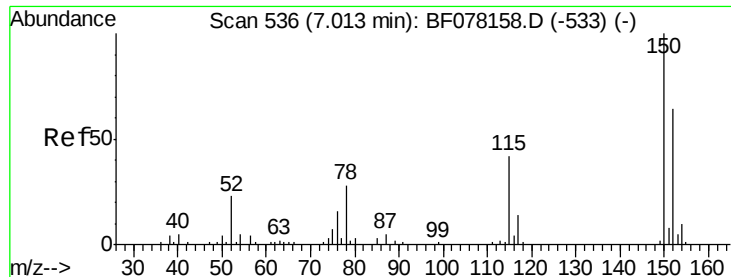
Instrument :
BNA_F
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#1

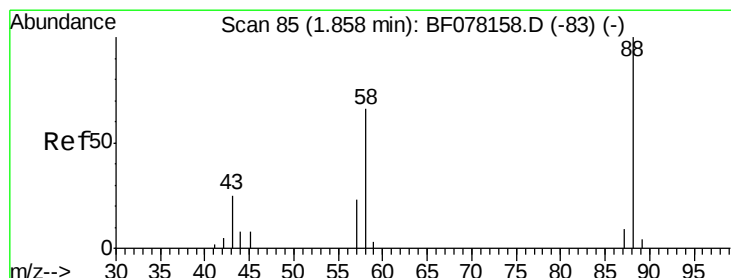
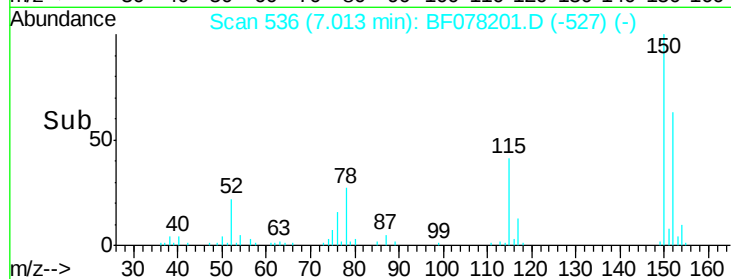
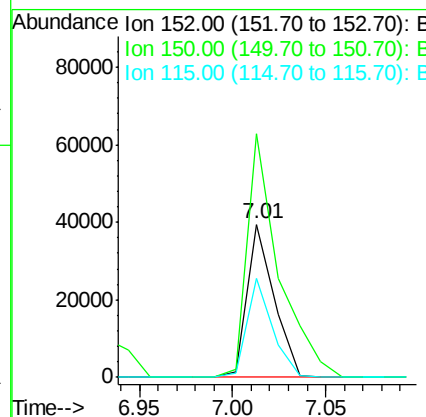
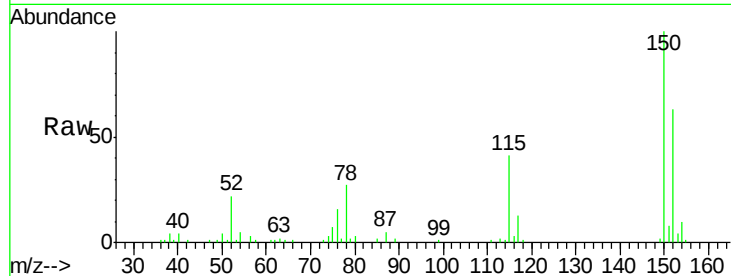
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.9	188.9
115	65.0	52.7	79.1

Manual Integrations
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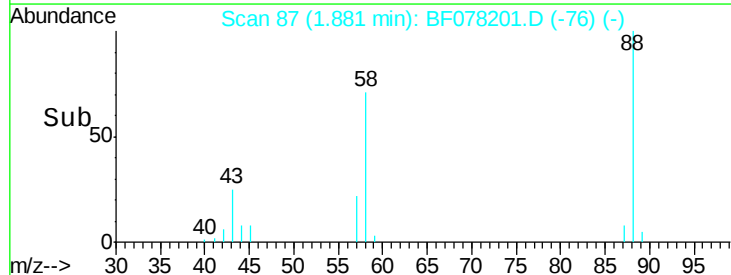
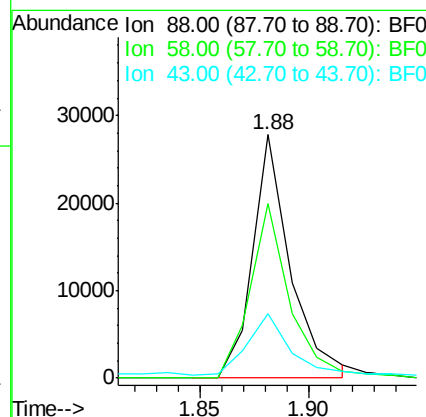
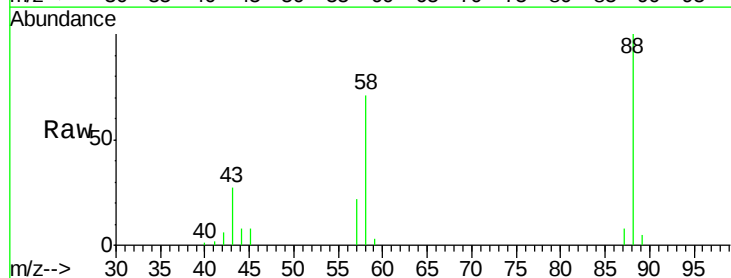
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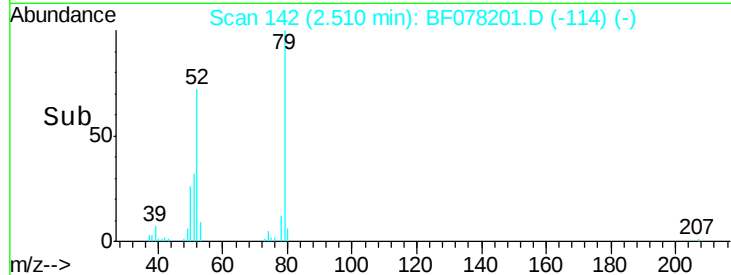
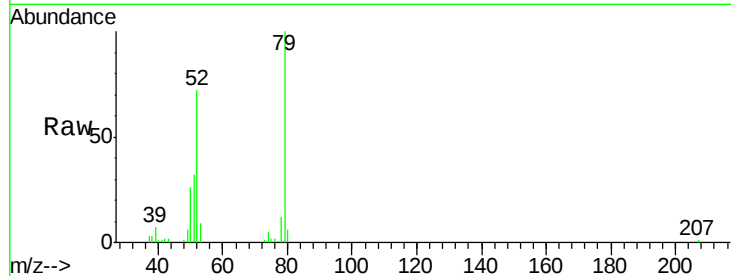
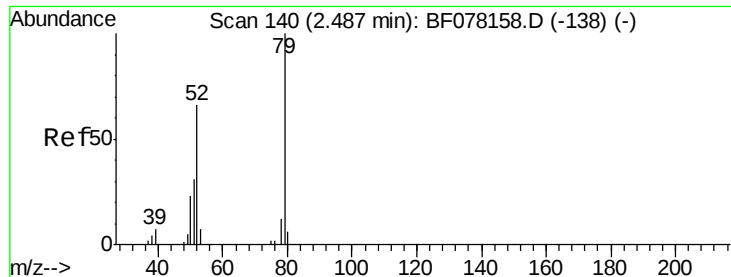


#2

1,4-Dioxane
Concen: 31.16 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	56.9	85.3
43	27.2	21.4	32.2





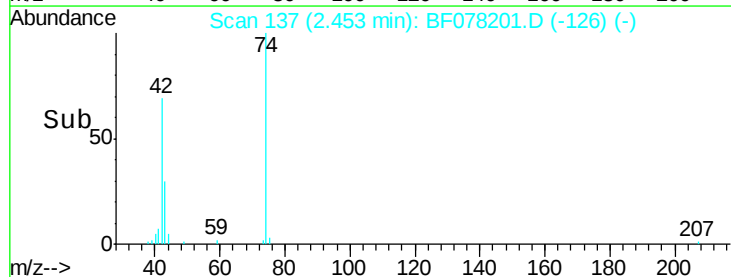
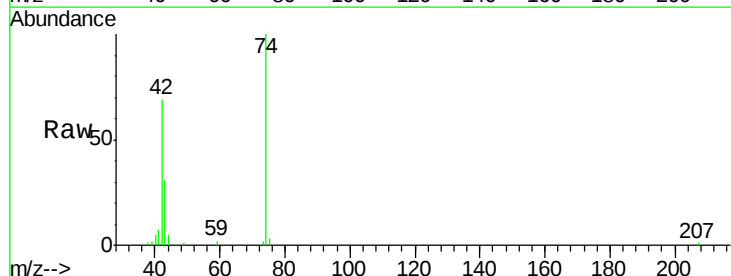
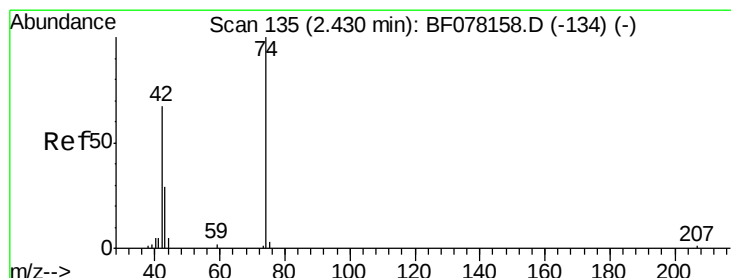
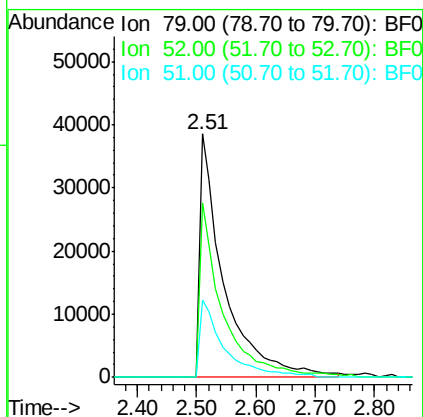
#3
 Pvridine
 Concen: 39.18 ng
 RT: 2.51 min Scan# 142
 Delta R.T. 0.02 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tot Ion:	79	Resp:	110723
Ion Ratio	Lower	Upper	
79	100		
52	71.8	52.4	78.6
51	31.8	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

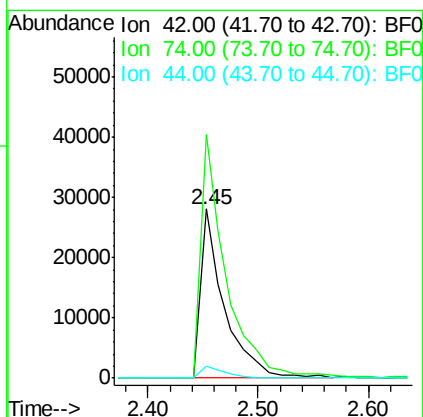
Manual Integrations
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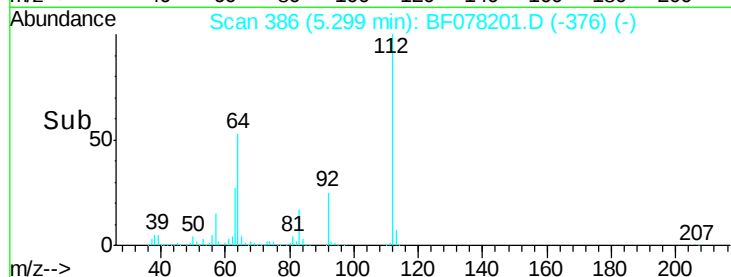
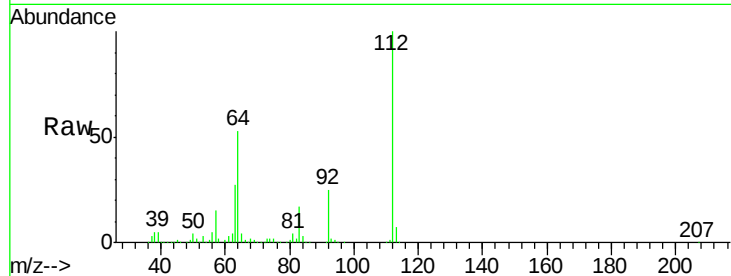
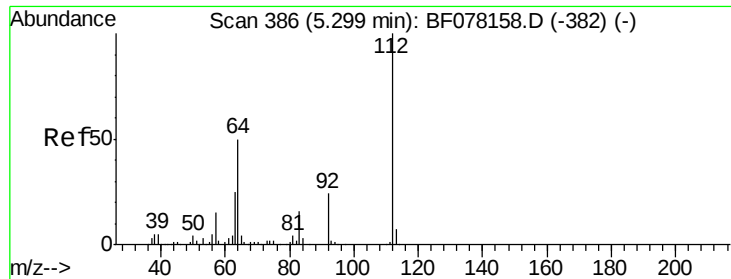
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#4
 n-Nitrosodimethylamine
 Concen: 39.17 ng m
 RT: 2.45 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion:	42	Resp:	42610
Ion Ratio	Lower	Upper	
42	100		
74	143.9	118.7	178.1
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 119.03 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		283996		
64	53.4	39.9	59.9		
63	27.3	20.2	30.4		

Instrument :

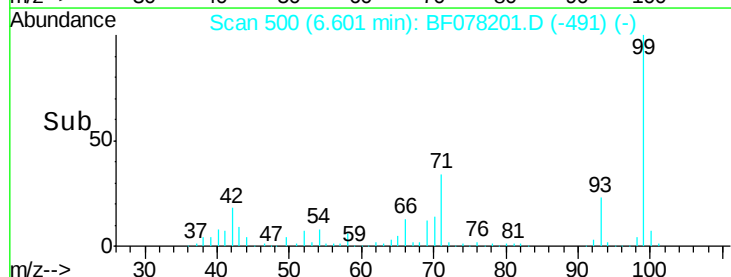
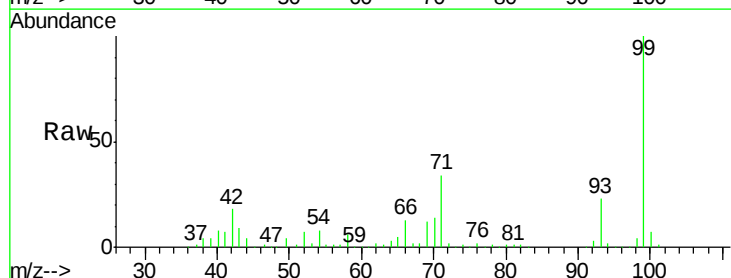
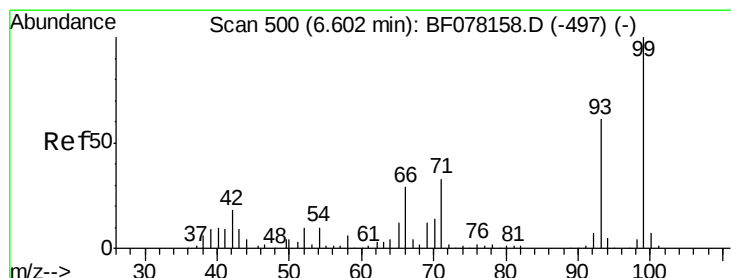
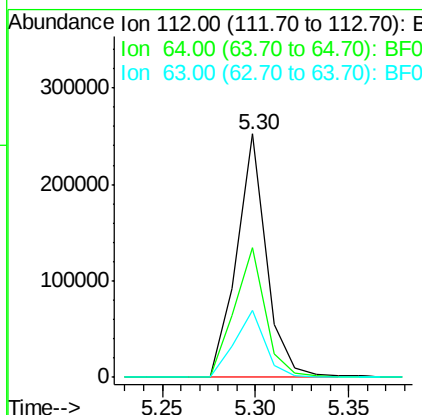
BNA_F

ClientSampleId :

PB82420BS

Manual Integrations
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#6

Aniline

Concen: 21.50 ng

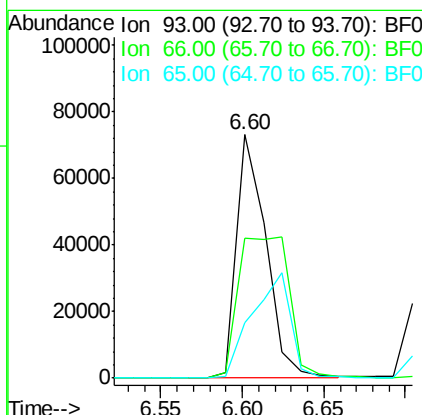
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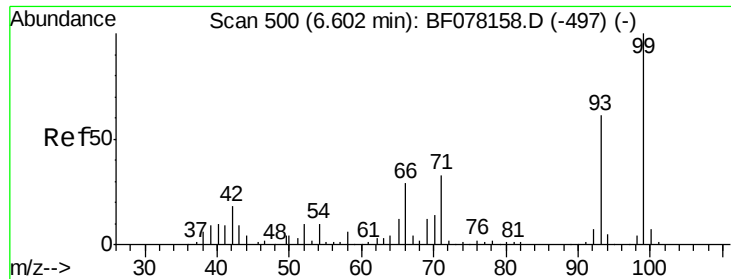
Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		91166		
66	57.5	38.0	57.0#		
65	23.0	16.3	24.5		





#7

Phenol-d6

Concen: 116.09 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

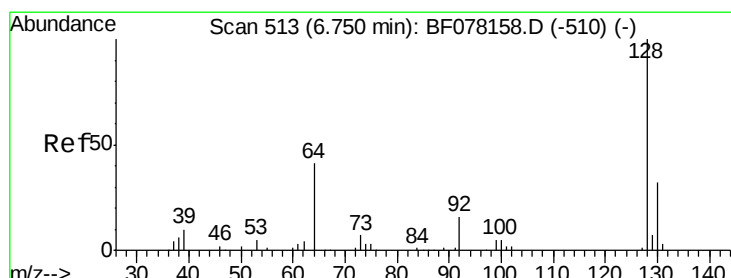
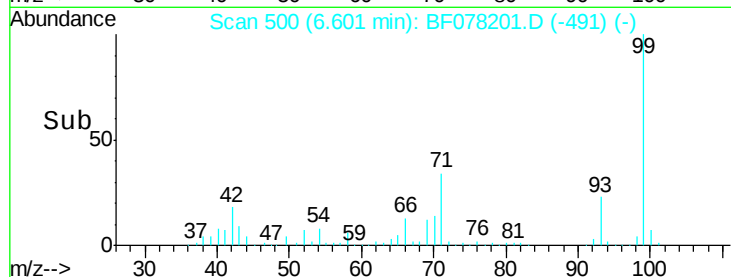
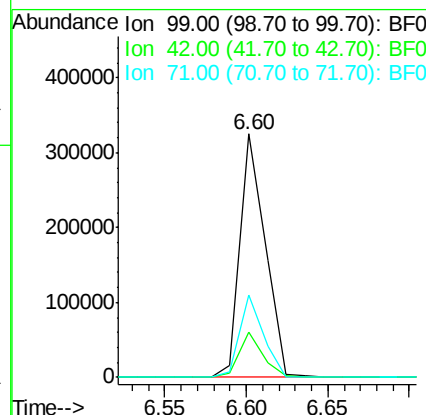
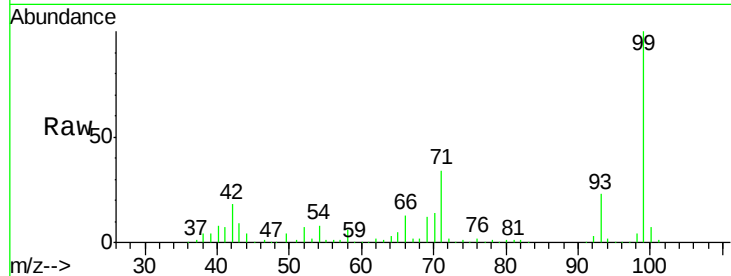
ClientSampleId :

PB82420BS

Tot Ion:	99	Resp:	347100
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.8	22.2
71	33.6	26.6	39.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.02 ng

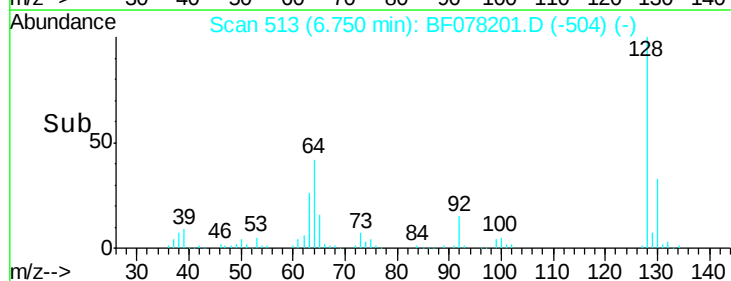
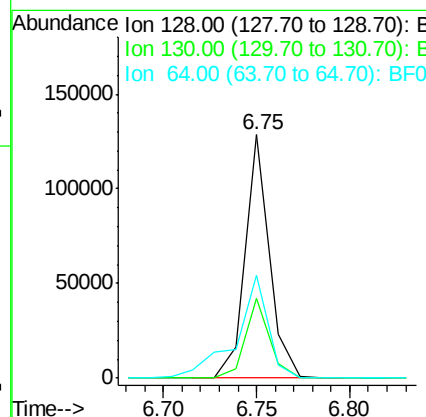
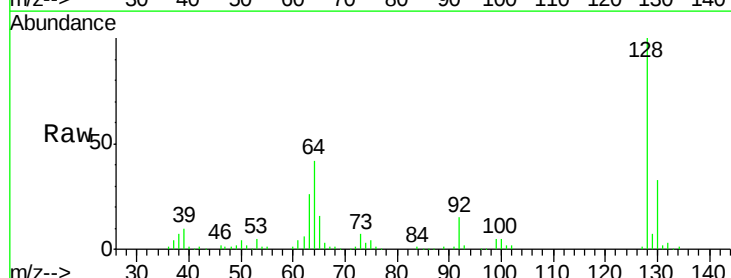
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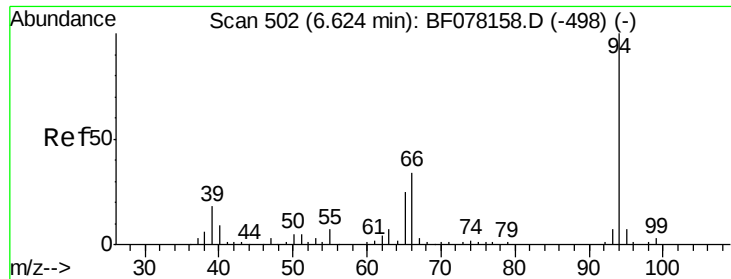
Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	128	Resp:	115709
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	42.1	23.8	63.8





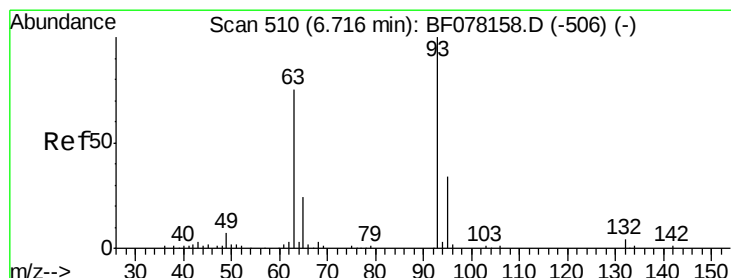
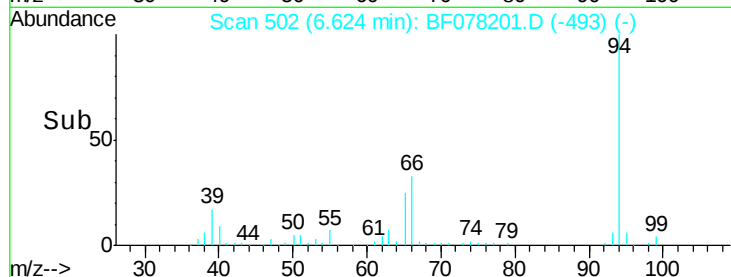
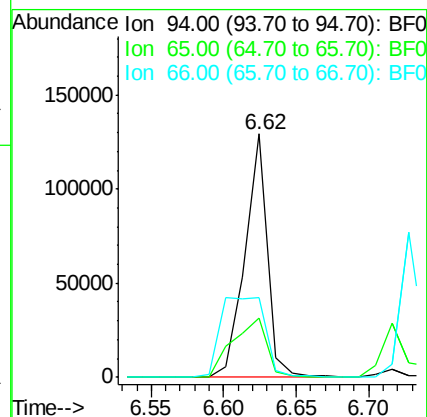
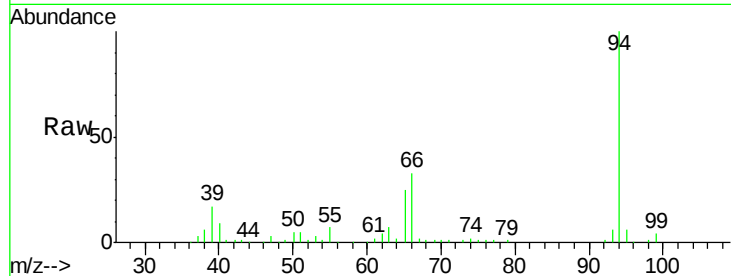
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Phenol
Concen: 38.92 ng
RT: 6.62 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	24.6	4.9	44.9
66	32.7	13.8	53.8

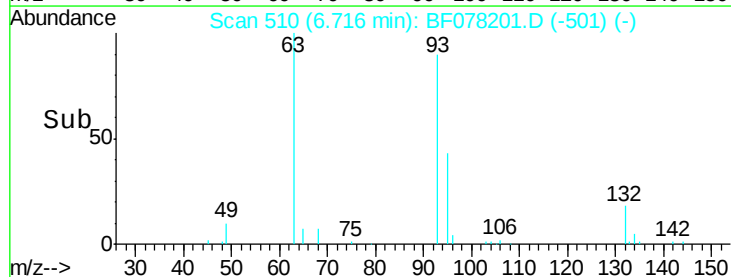
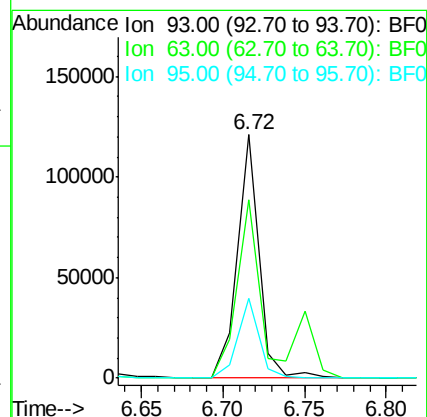
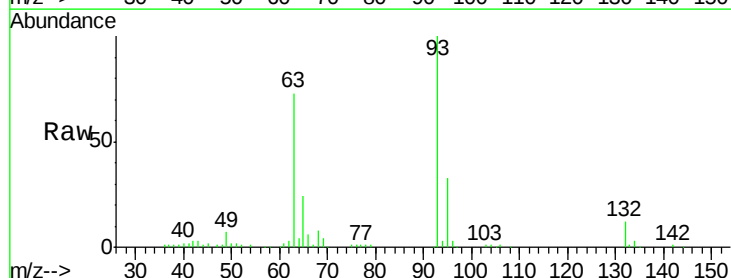
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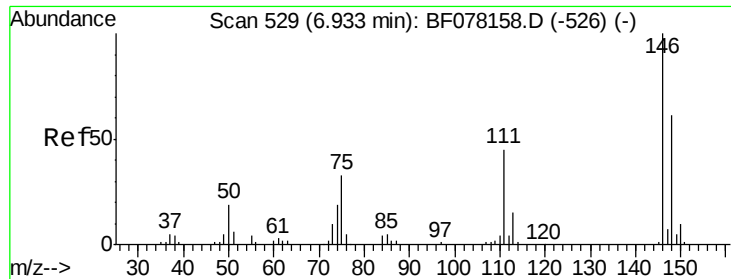
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#11
bis(2-Chloroethyl)ether
Concen: 42.83 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.6	94.6
95	32.5	13.6	53.6





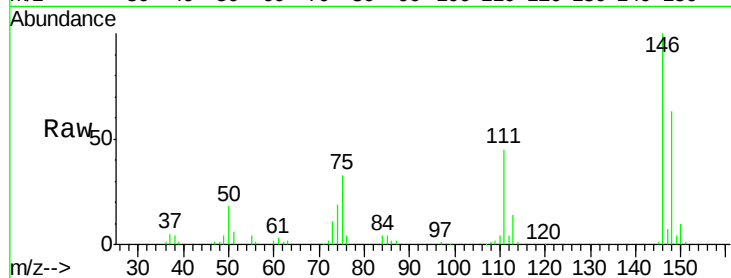
#12
 1,3-Dichlorobenzene
 Concen: 37.90 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB82420BS

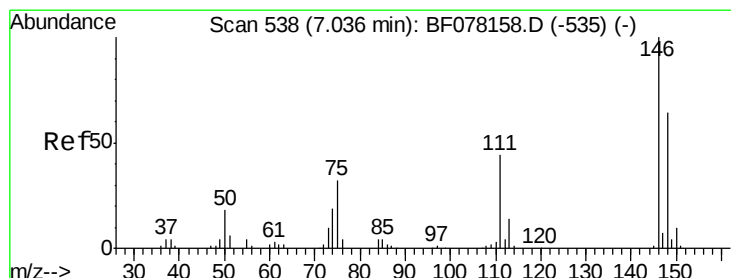
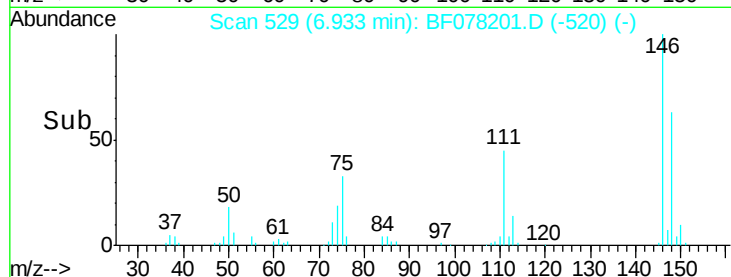
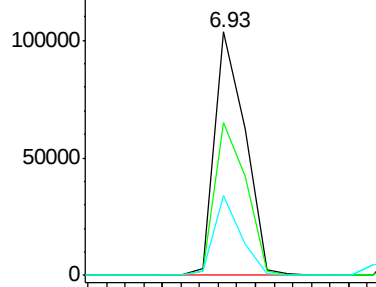
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.1	73.7
75	33.0	26.6	40.0

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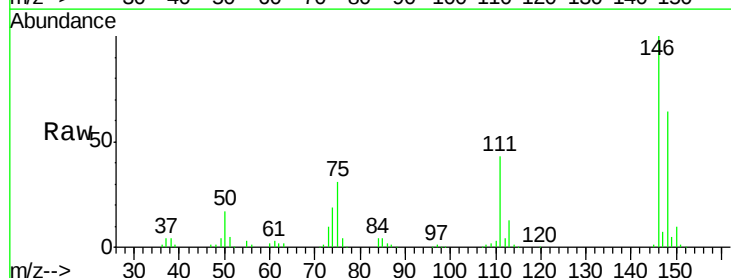


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

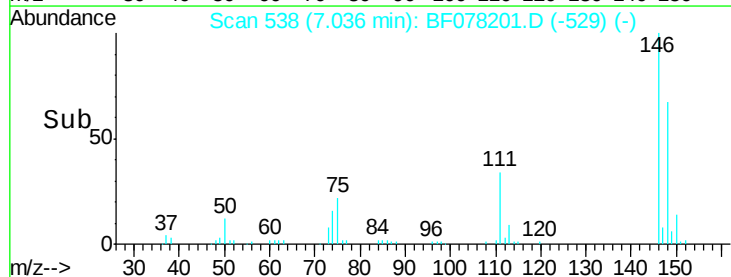
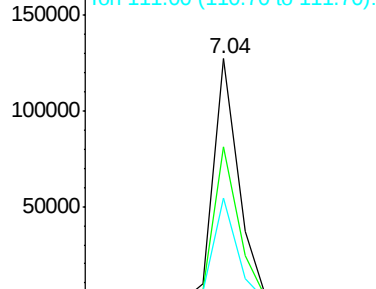


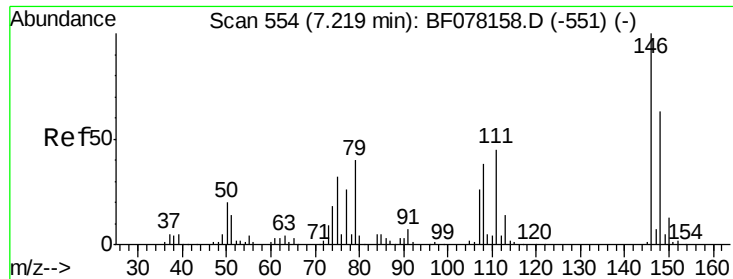
#13
 1,4-Dichlorobenzene
 Concen: 38.67 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	42.8	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 39.56 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

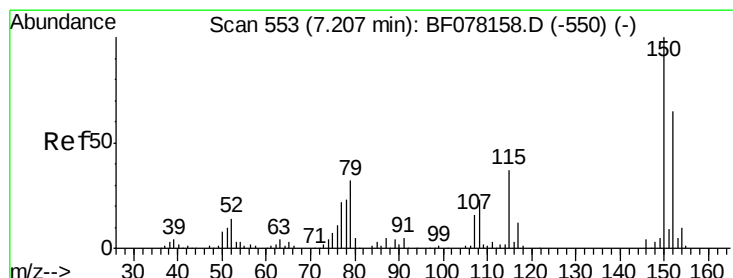
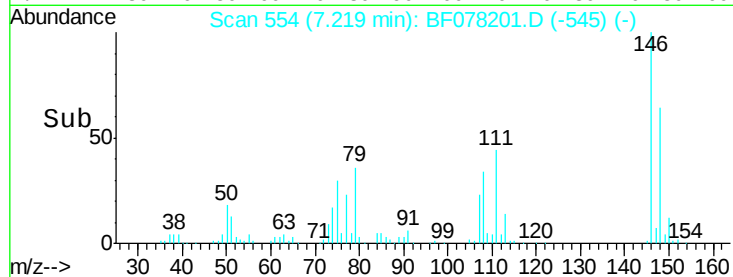
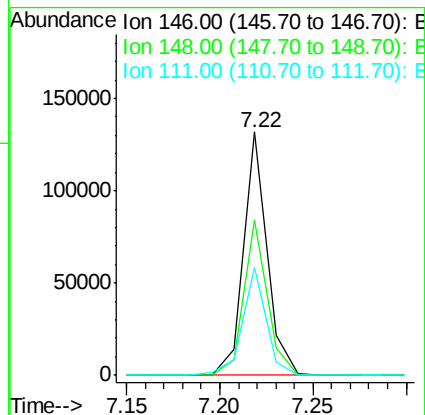
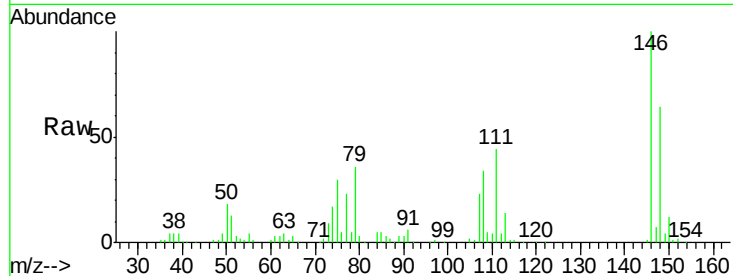
ClientSampleId :

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Tot Ion:	146	Resp:	115699
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.4
111	44.4	36.1	54.1

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#15

Benzyl Alcohol

Concen: 41.32 ng

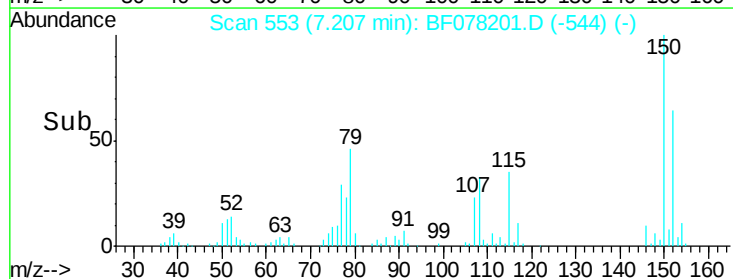
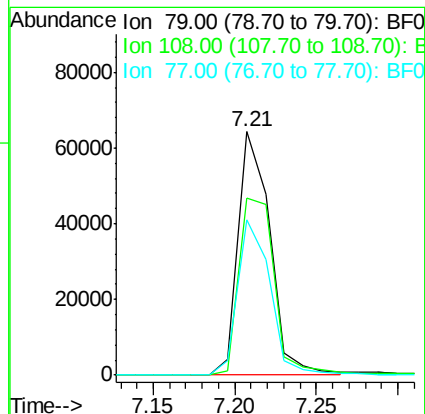
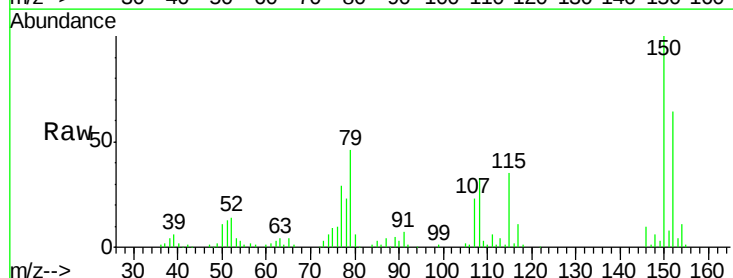
RT: 7.21 min Scan# 553

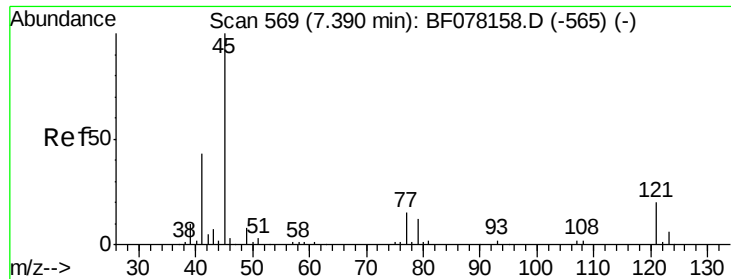
Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	79	Resp:	86825
Ion Ratio	Lower	Upper	
79	100		
108	72.6	57.6	86.4
77	63.8	53.5	80.3





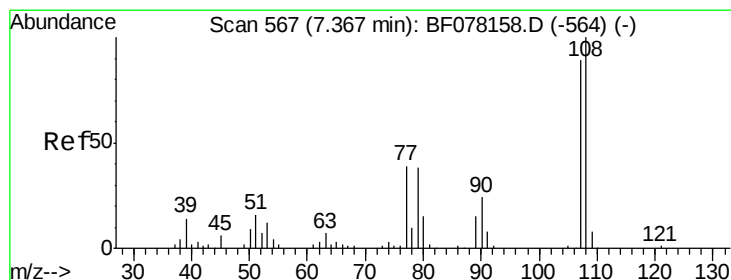
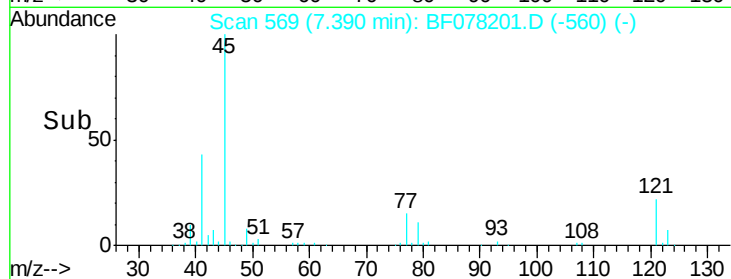
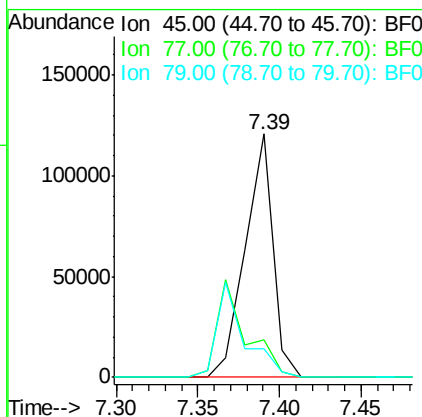
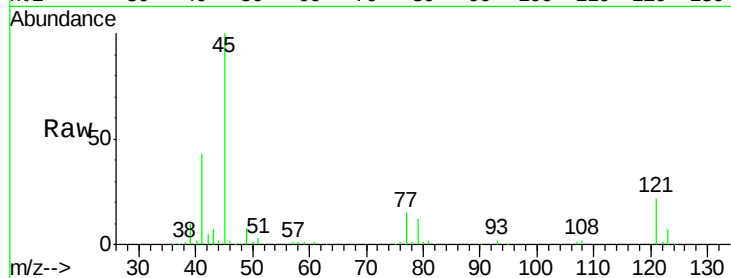
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.36 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	15.4	0.0	34.5
79	12.0	0.0	31.9

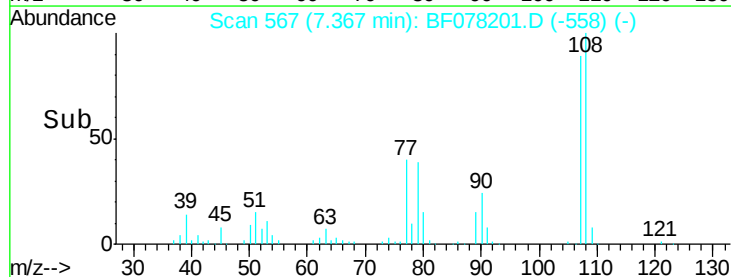
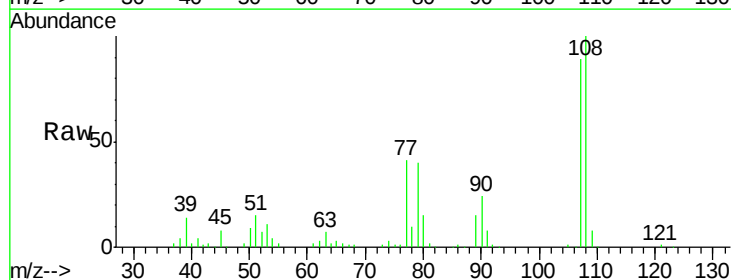
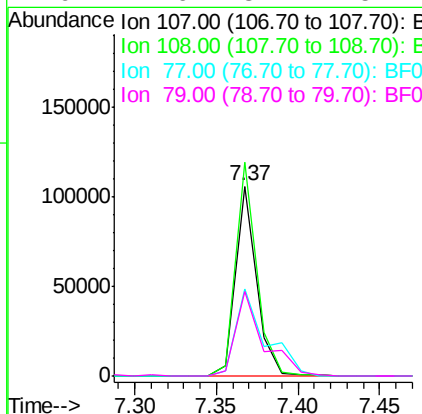
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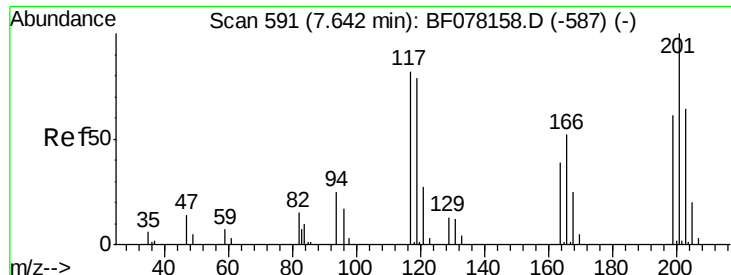
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#17
2-Methylphenol
Concen: 42.55 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.6	90.3	135.5
77	45.6	35.5	53.3
79	44.6	34.2	51.4





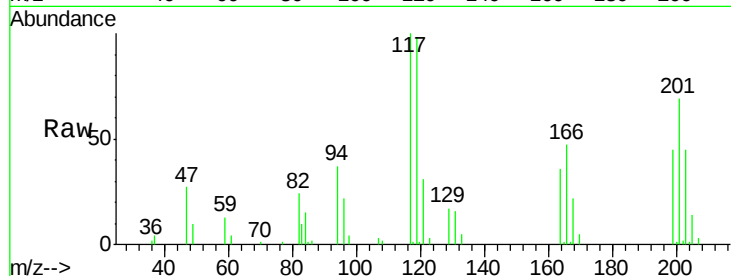
#18
Hexachloroethane
Concen: 38.42 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

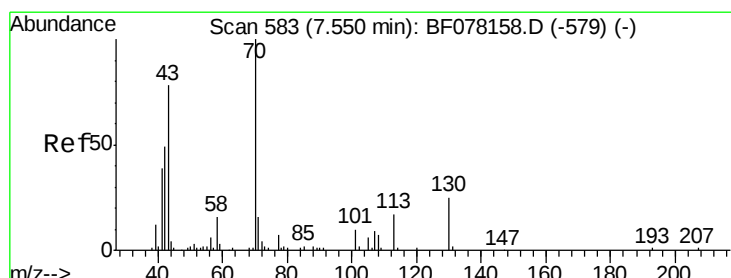
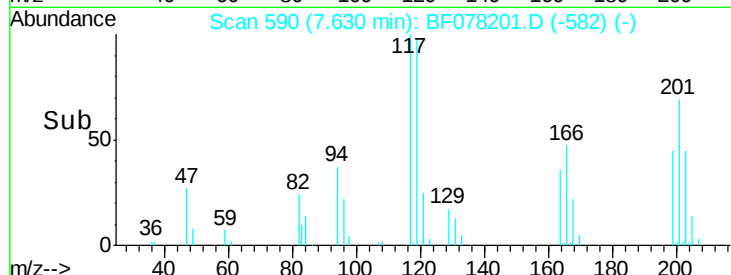
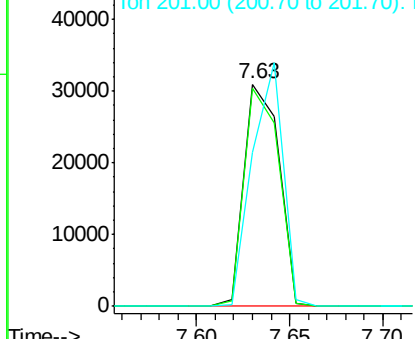
Tot Ion: 117 Resp: 40417
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.6
201 69.3 98.1 147.1#

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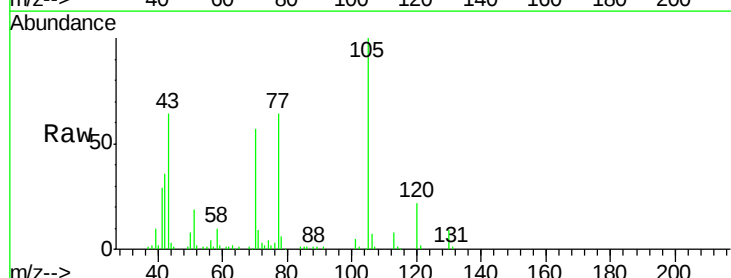


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

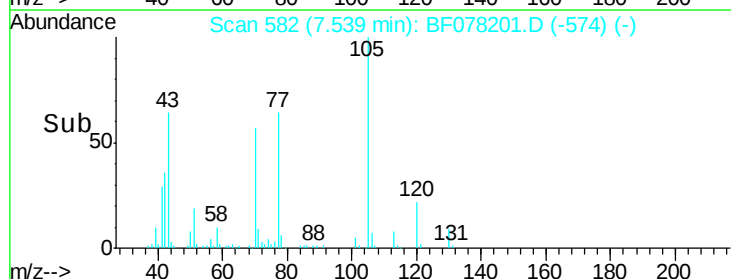
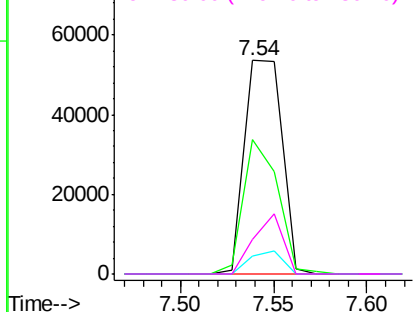


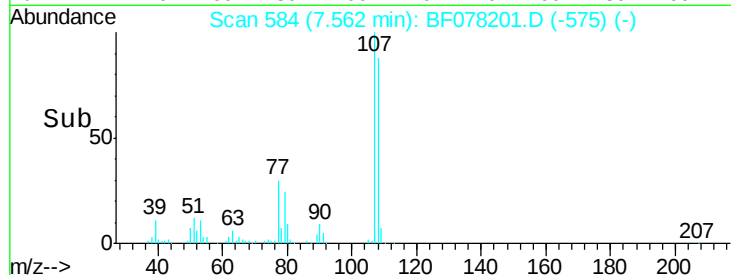
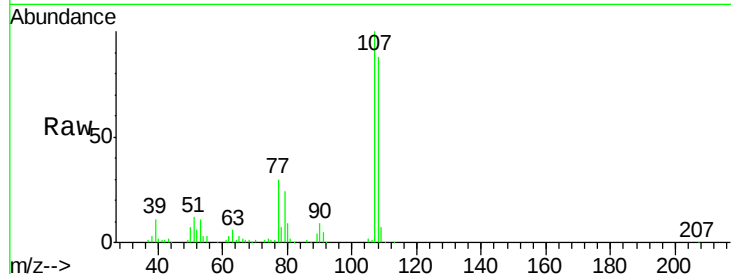
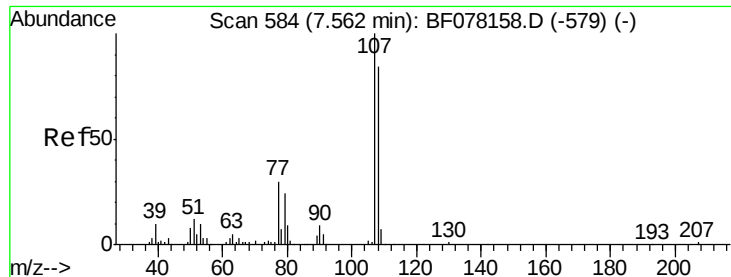
#19
n-Nitroso-di-n-propylamine
Concen: 38.04 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion: 70 Resp: 75038
Ion Ratio Lower Upper
70 100
42 63.1 38.9 58.3#
101 8.3 8.3 12.5#
130 16.5 19.8 29.8#



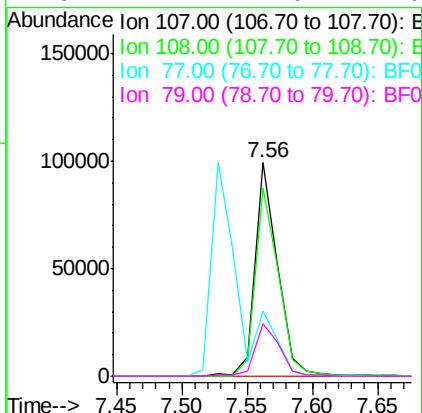
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 41.26 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

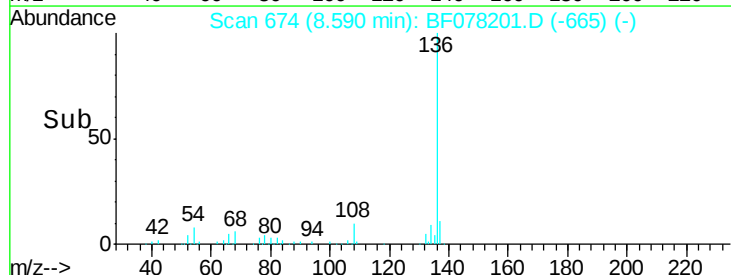
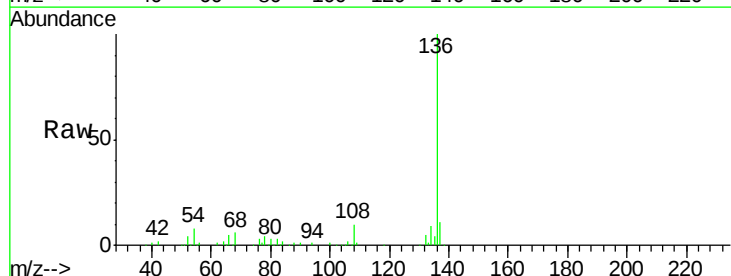
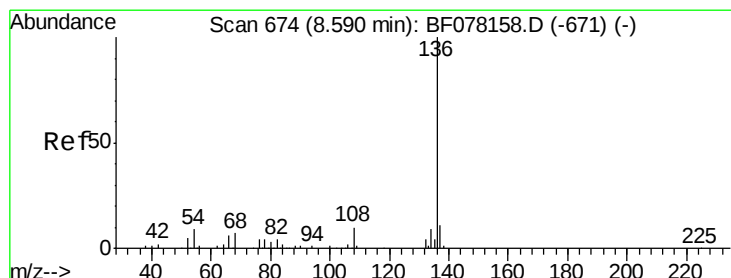
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	120551		
108	108	88.2	64.4	104.4	
77	77	30.5	9.7	49.7	
79	79	24.4	4.0	44.0	



Instrument :
BNA_F
ClientSampleId :
PB82420BS

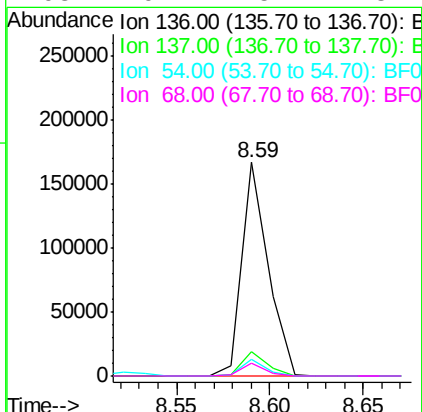
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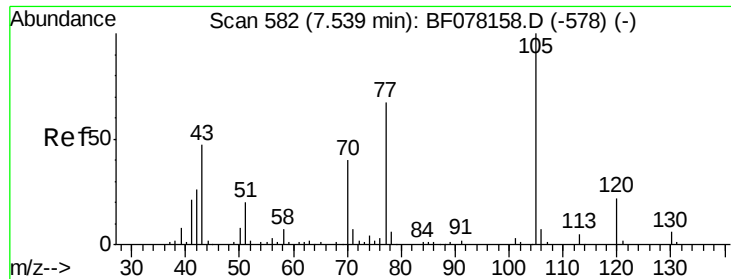
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	162708		
137	137	11.4	9.0	13.4	
54	54	8.1	7.0	10.6	
68	68	6.2	5.4	8.2	





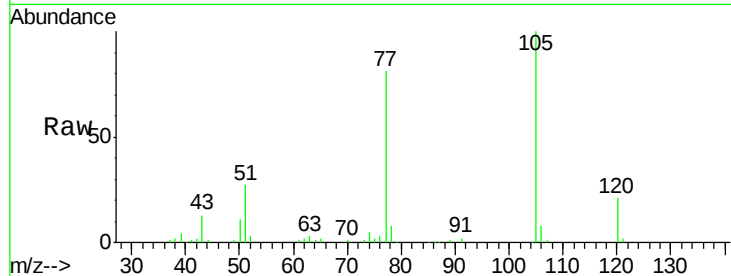
#22
Acetophenone
Concen: 41.01 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	27.2	16.0	24.0#
120	20.9	17.8	26.6

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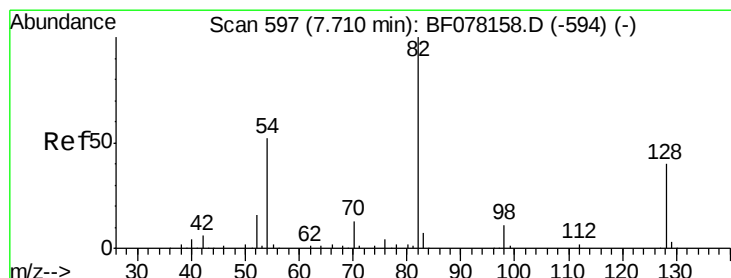
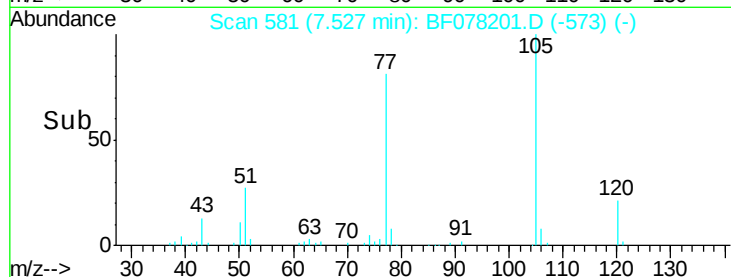
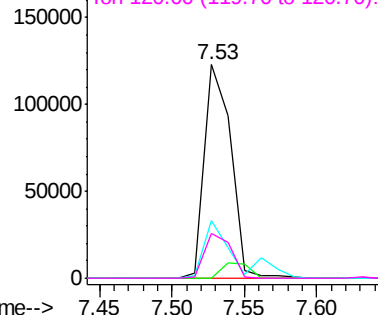


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



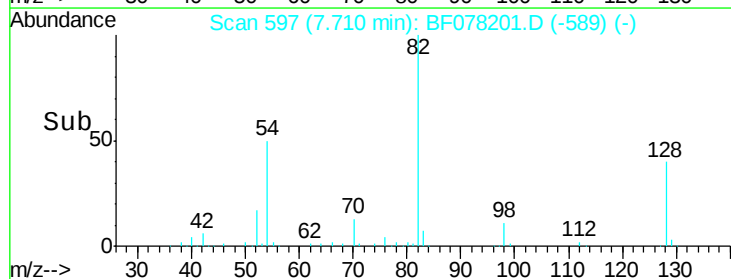
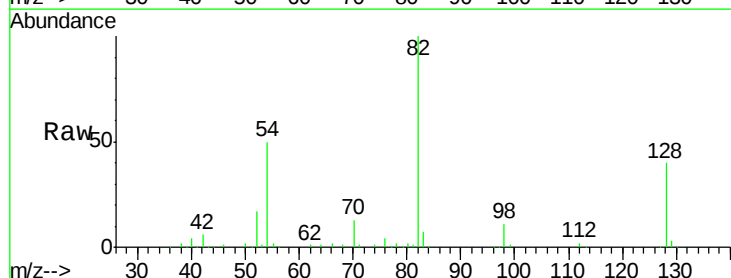
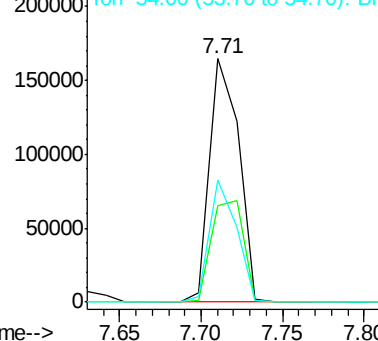
#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

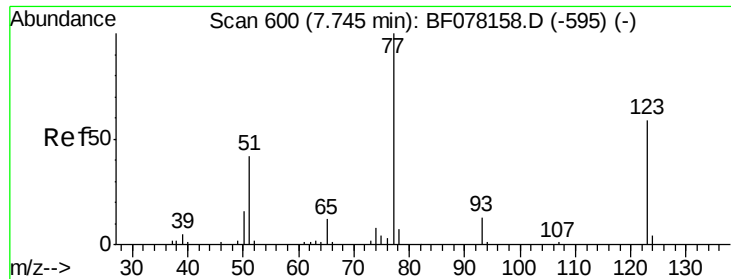
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.5	31.8	47.8
54	50.1	41.5	62.3

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 38.73 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

ClientSampleId :

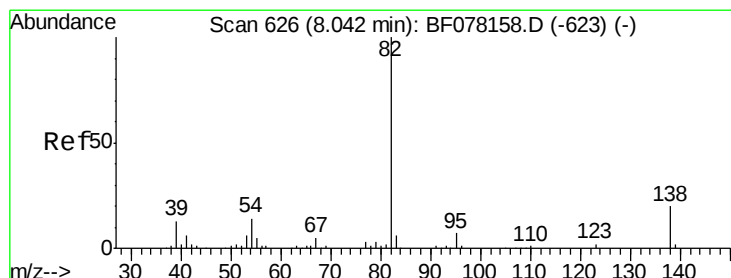
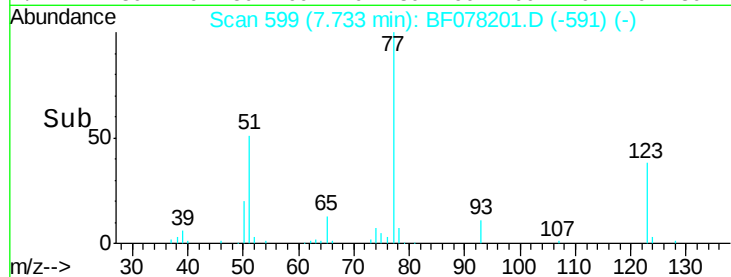
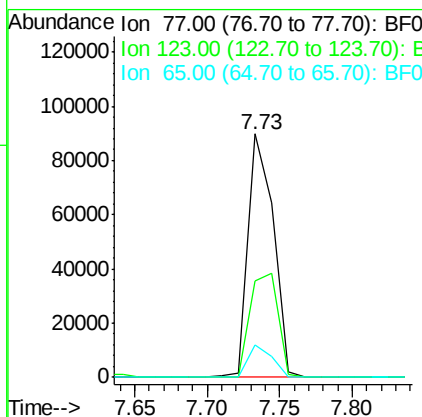
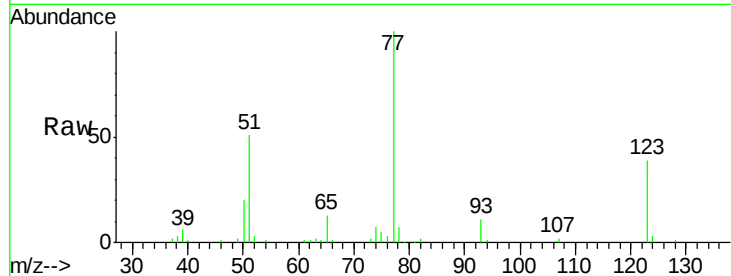
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Tot Ion: 77 Resp: 108700
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
77	100		
123	39.4	46.9	70.3#
65	13.3	9.5	14.3

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#25

Isophorone

Concen: 40.69 ng

RT: 8.04 min Scan# 626

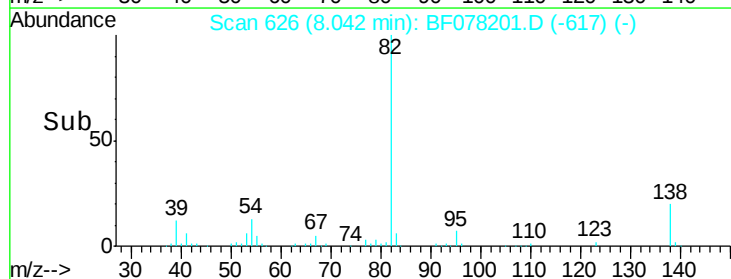
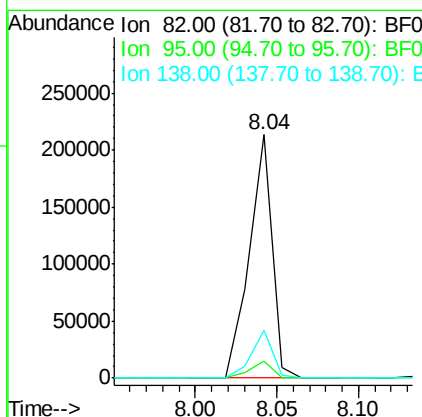
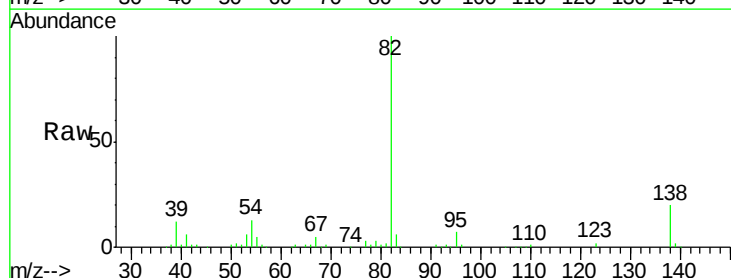
Delta R.T. -0.00 min

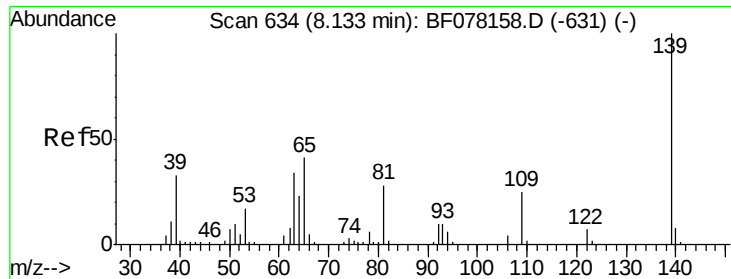
Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion: 82 Resp: 207314
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	19.7	15.8	23.8





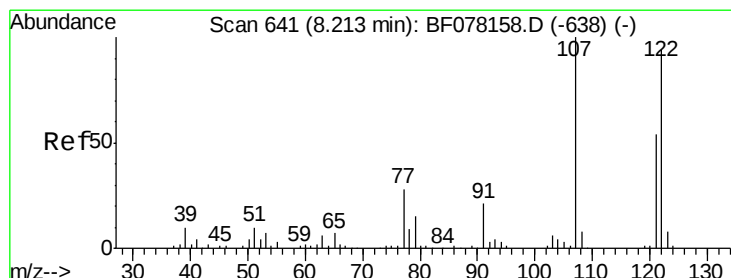
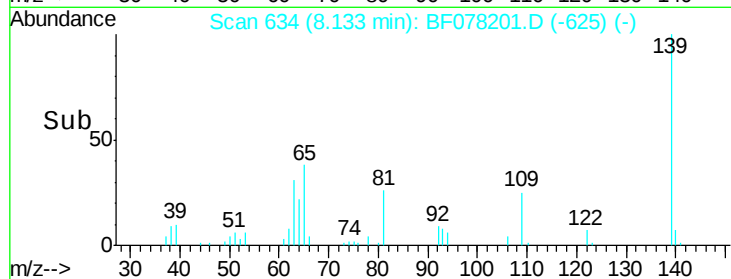
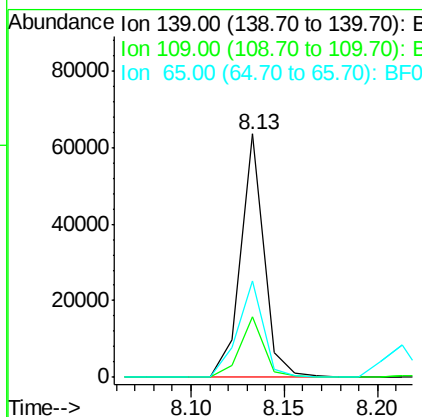
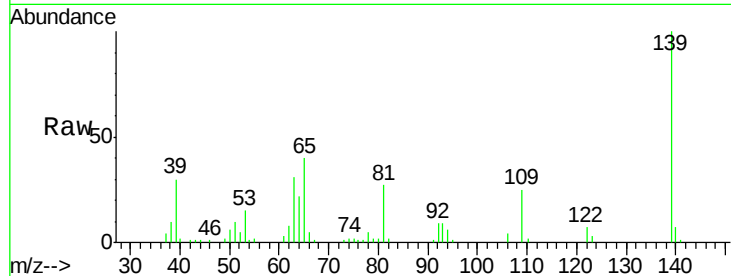
#26
 2-Nitrophenol
 Concen: 41.68 ng
 RT: 8.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	55742		
109	25.0	19.8	29.8	
65	39.5	32.7	49.1	

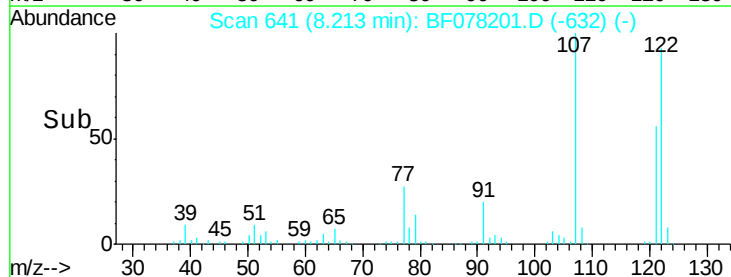
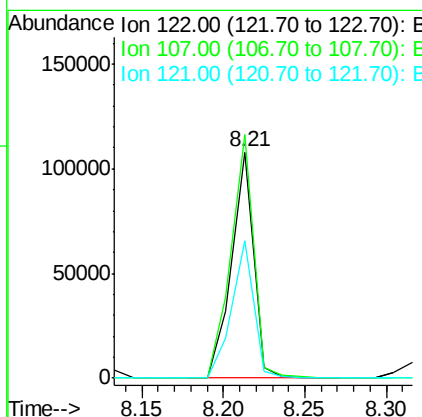
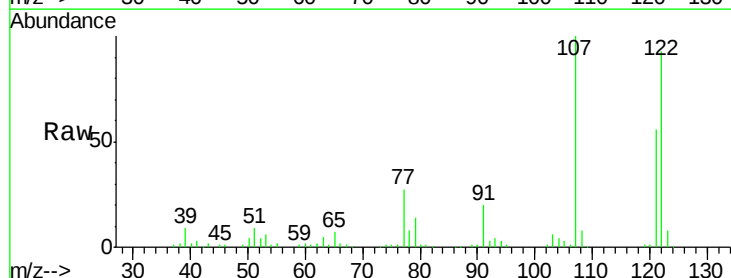
Manual Integrations
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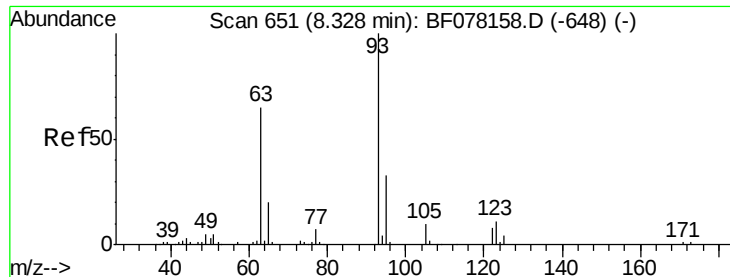
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#27
 2,4-Dimethylphenol
 Concen: 40.61 ng
 RT: 8.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	100986		
107	107.9	84.6	127.0	
121	60.7	46.0	69.0	





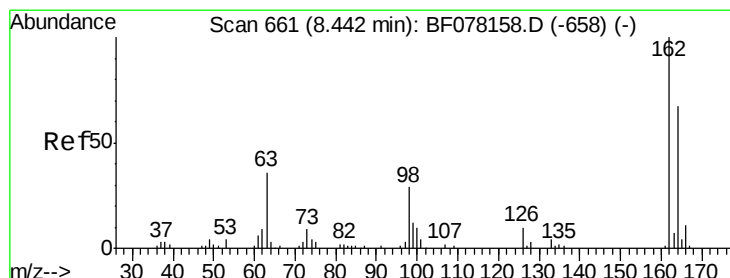
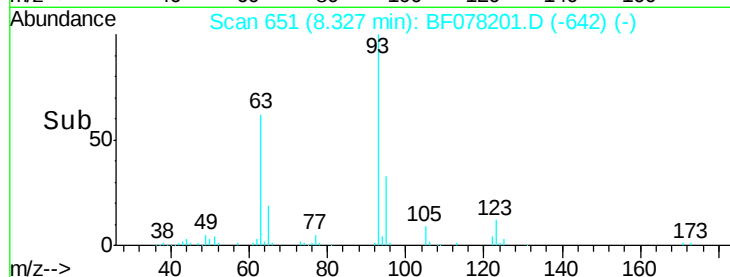
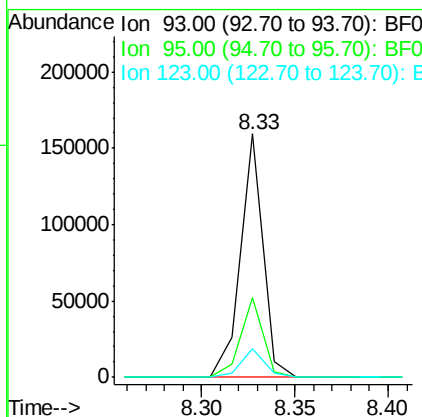
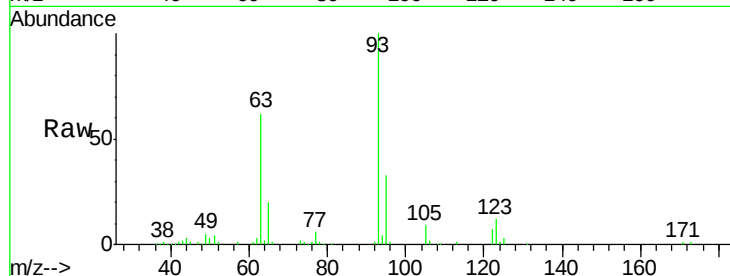
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.23 ng
 RT: 8.33 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion:	93	Resp:	134679
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.8	9.1	13.7

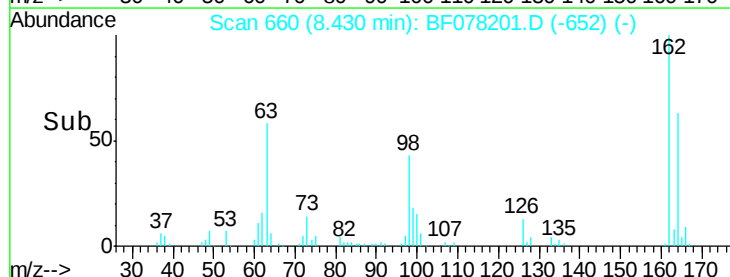
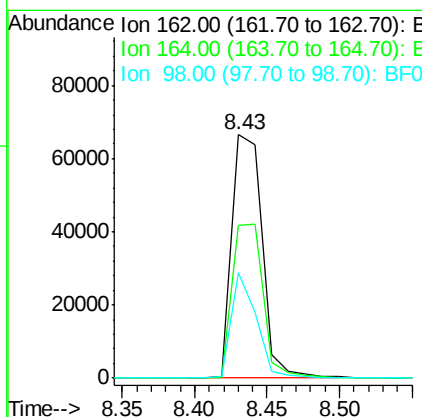
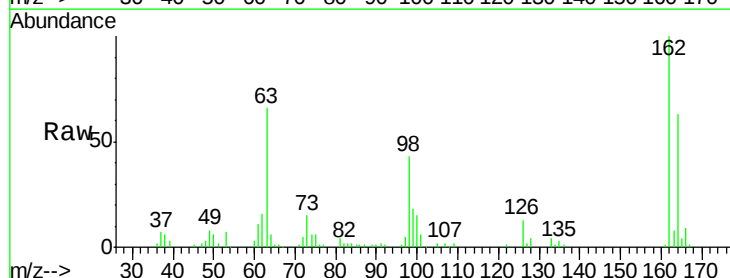
Manual Integrations
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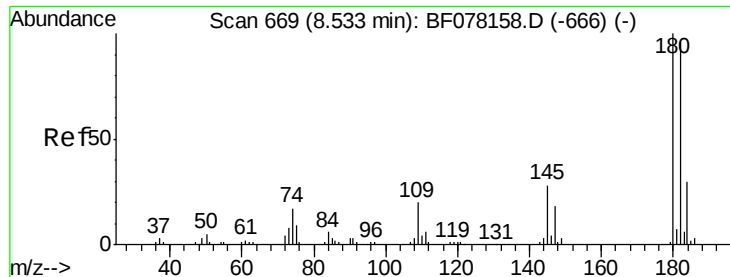
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#29
 2,4-Dichlorophenol
 Concen: 42.98 ng
 RT: 8.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion:	162	Resp:	97226
Ion Ratio	Lower	Upper	
162	100		
164	62.7	47.0	87.0
98	43.5	9.2	49.2





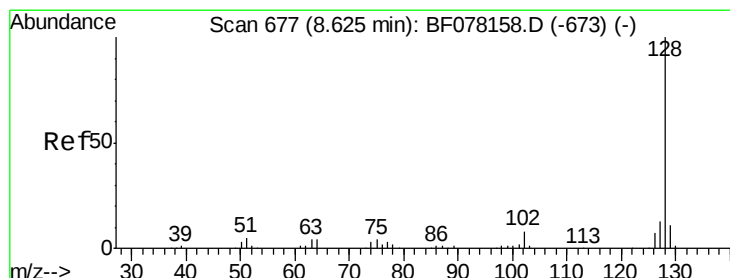
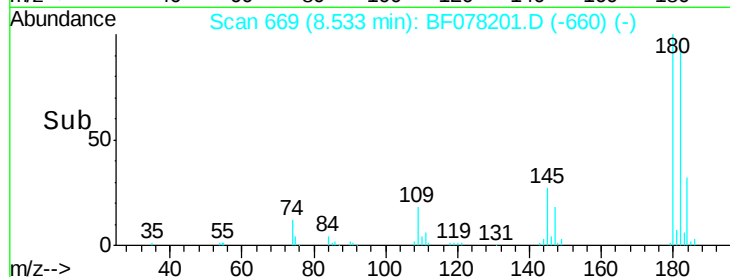
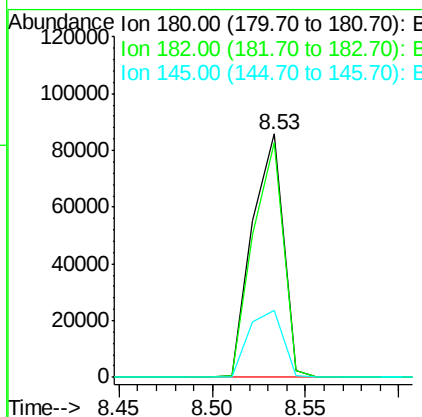
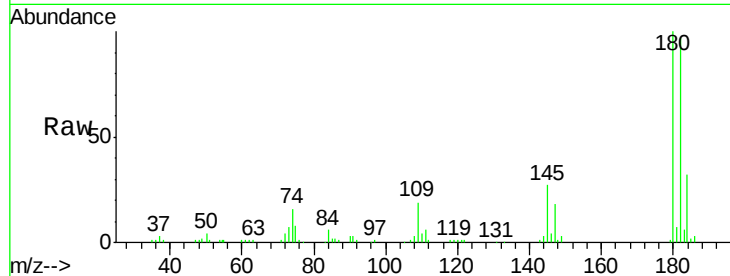
#30
 1,2,4-Trichlorobenzene
 Concen: 38.06 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98732		
182	96.6	76.9	115.3	
145	27.4	22.5	33.7	

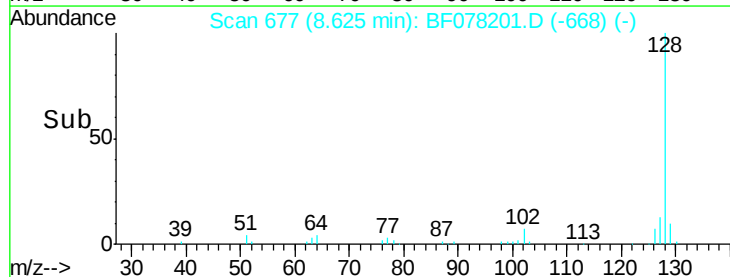
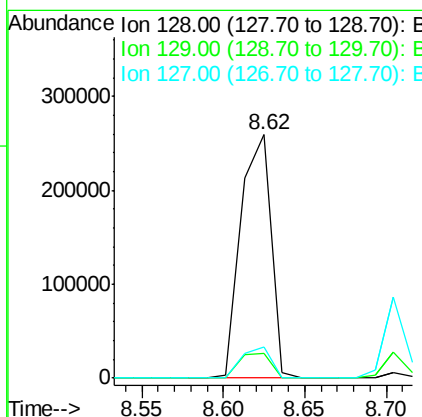
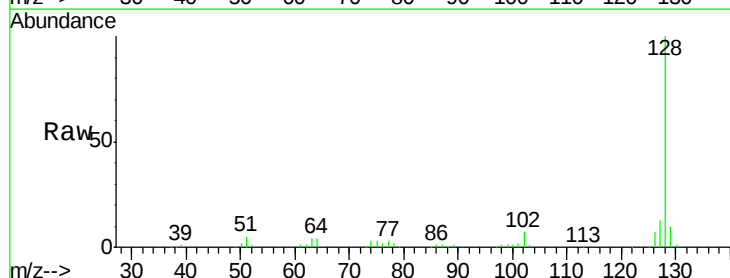
Manual Integrations
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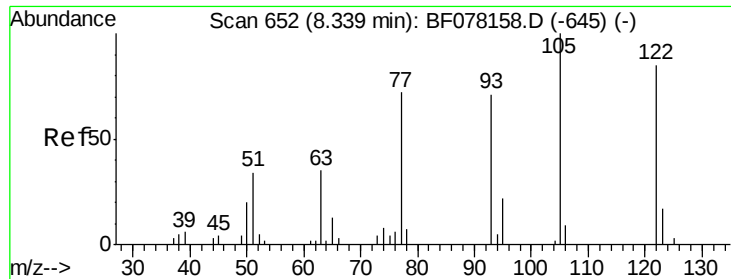
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#31
 Naphthalene
 Concen: 39.01 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	330402		
129	10.1	8.6	12.8	
127	12.6	10.7	16.1	





#32

Benzoic acid

Concen: 35.19 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

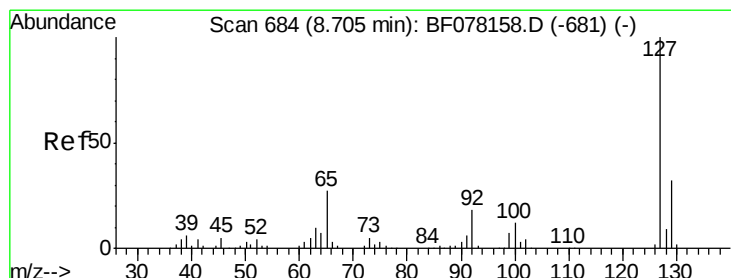
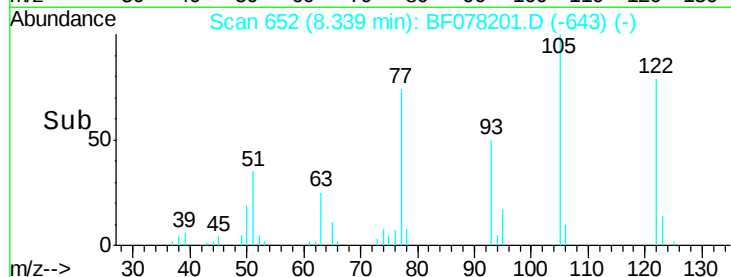
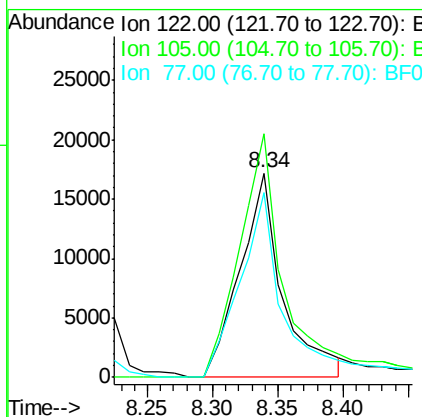
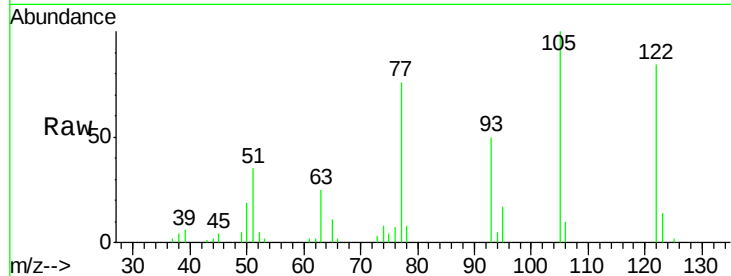
ClientSampleId :

PB82420BS

Tot Ion:	122	Resp:	39097
Ion Ratio	Lower	Upper	
122	100		
105	119.2	96.1	136.1
77	90.7	64.1	104.1

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#33

4-Chloroaniline

Concen: 23.30 ng

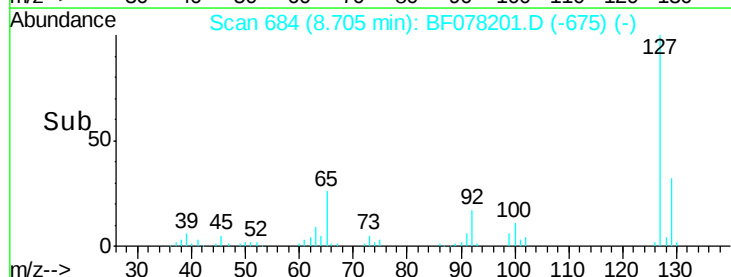
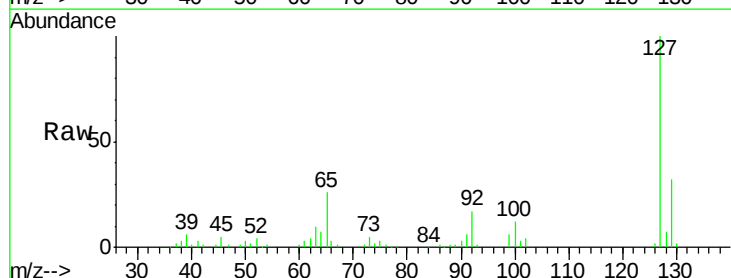
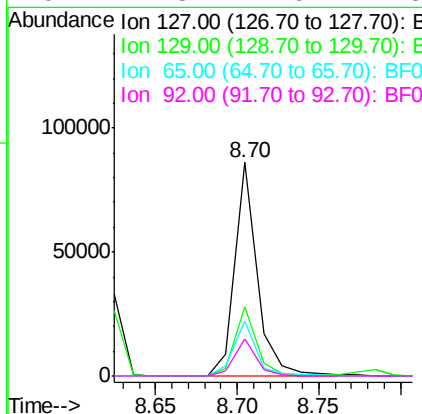
RT: 8.70 min Scan# 684

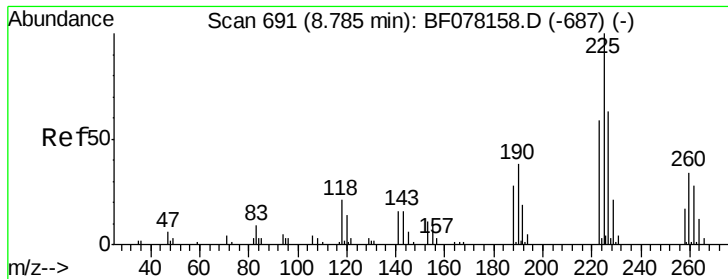
Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	127	Resp:	81877
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.5	38.3
65	26.0	21.7	32.5
92	17.3	14.6	21.8





#34

Hexachlorobutadiene

Concen: 38.29 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

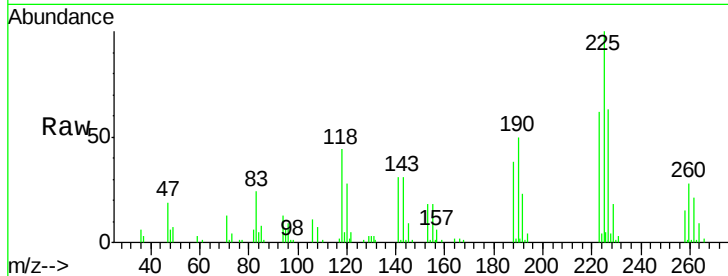
ClientSampleId :

PB82420BS

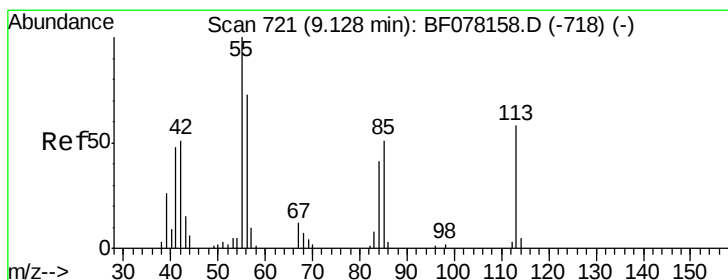
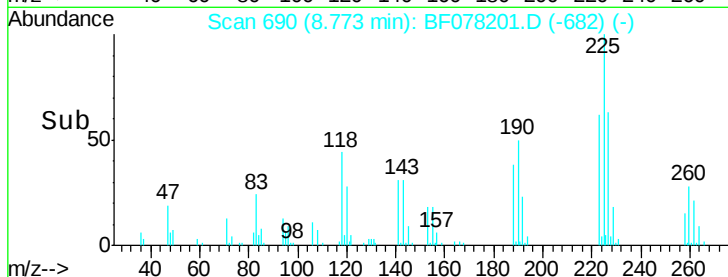
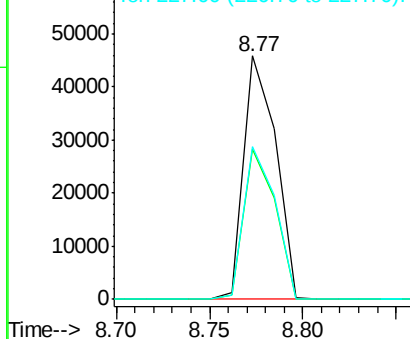
Tot Ion:	225	Resp:	54535
Ion Ratio	Lower	Upper	
225	100		
223	61.8	47.5	71.3
227	62.7	50.2	75.2

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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: 41.16 ng

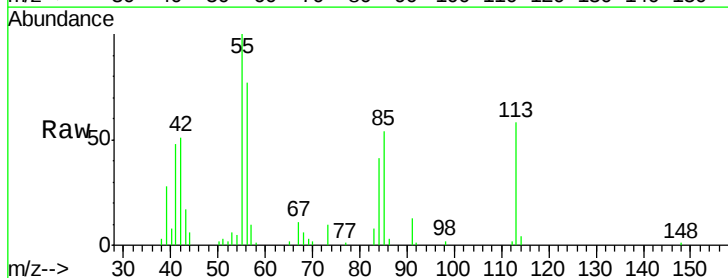
RT: 9.13 min Scan# 721

Delta R.T. -0.01 min

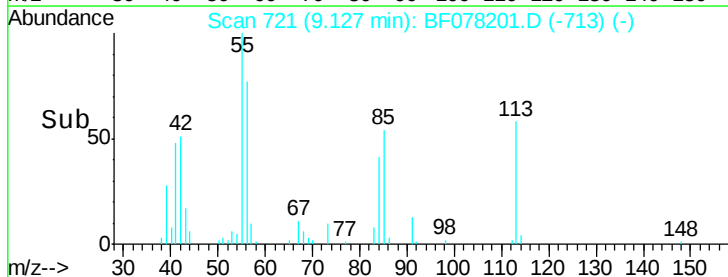
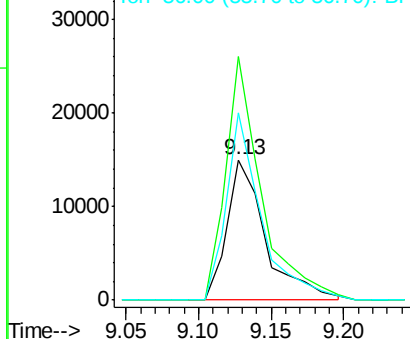
Lab File: BF078201.D

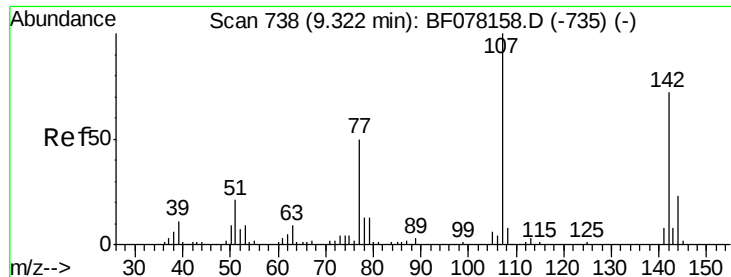
Acq: 2 Apr 2015 15:56

Tgt Ion:	113	Resp:	27795
Ion Ratio	Lower	Upper	
113	100		
55	173.7	151.9	191.9
56	133.6	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





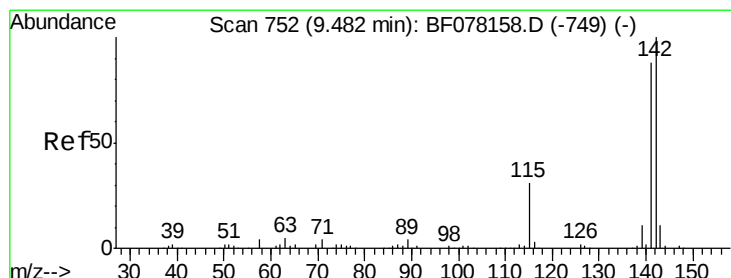
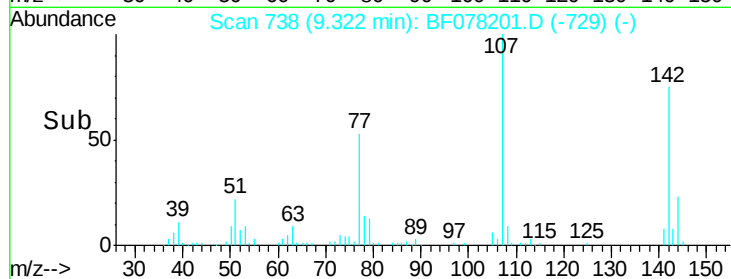
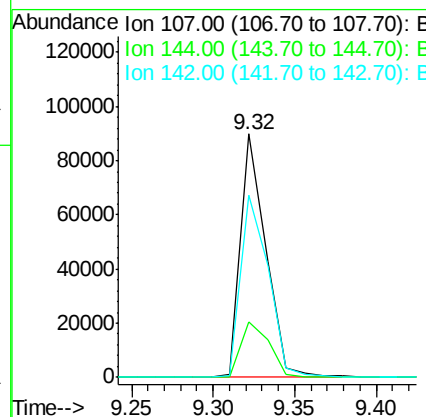
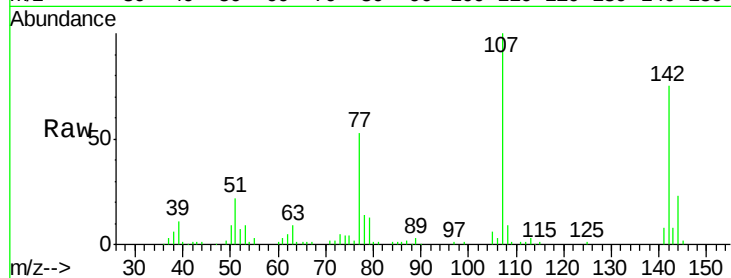
#36
 4-Chloro-3-methylphenol
 Concen: 41.91 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.2	27.2
142	74.8	58.0	87.0

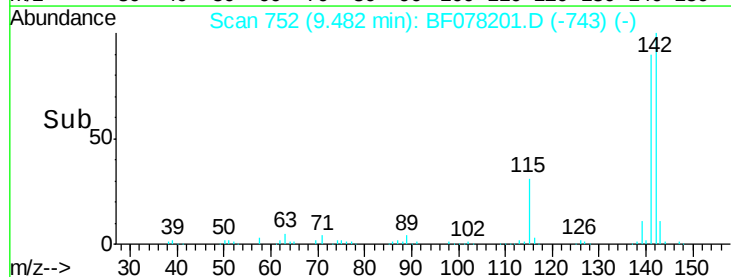
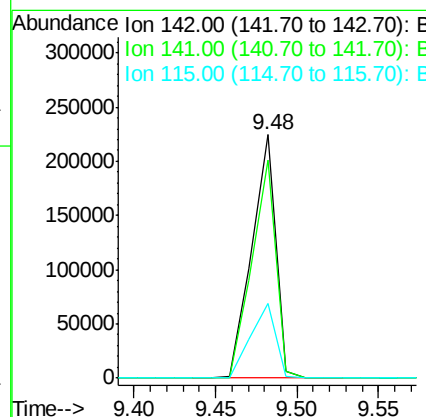
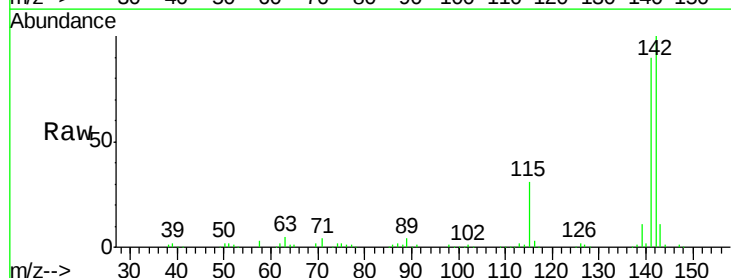
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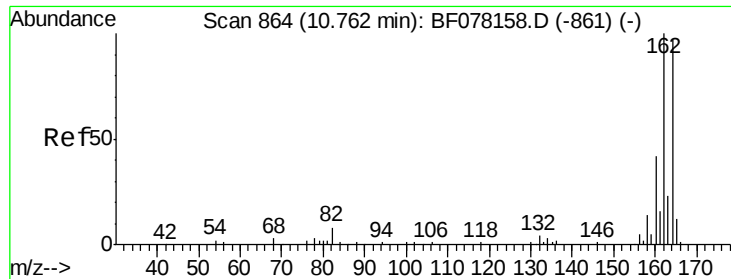
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#37
 2-Methylnaphthalene
 Concen: 39.85 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	30.7	24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

ClientSampleId :

PB82420BS

Tot Ion:164 Resp: 79033

Ion Ratio Lower Upper

164 100

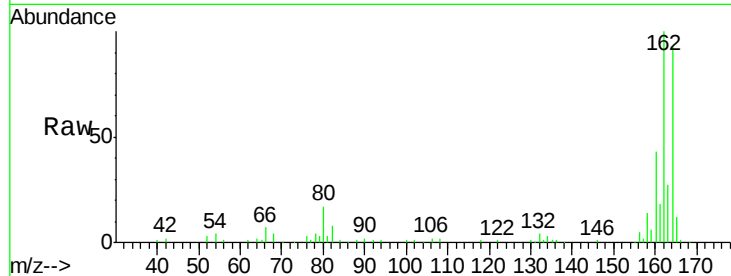
162 107.7 82.2 123.2

160 45.8 34.7 52.1

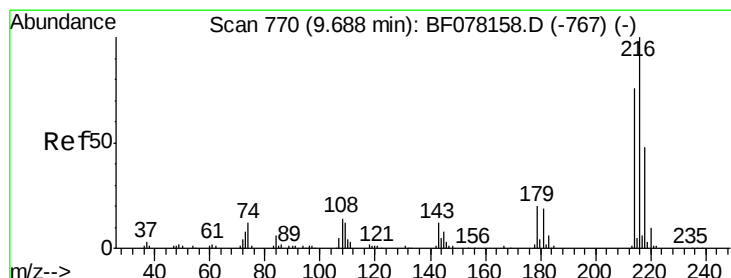
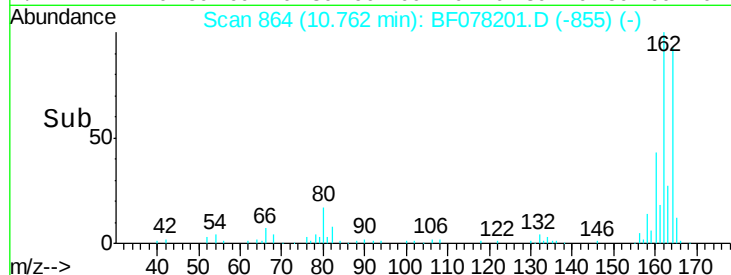
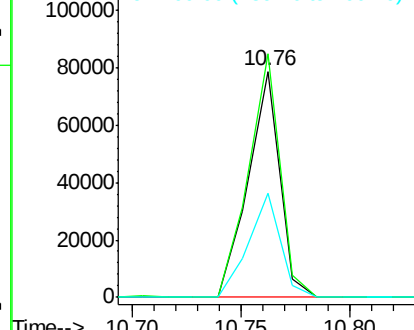
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.62 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:216 Resp: 97014

Ion Ratio Lower Upper

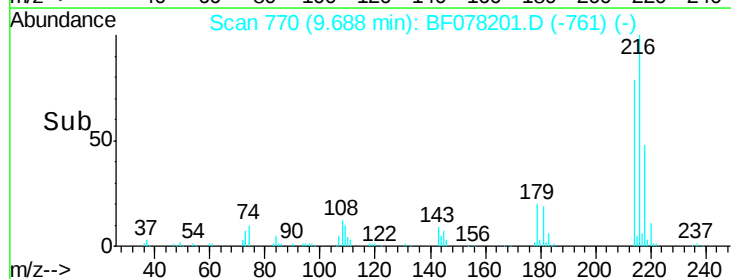
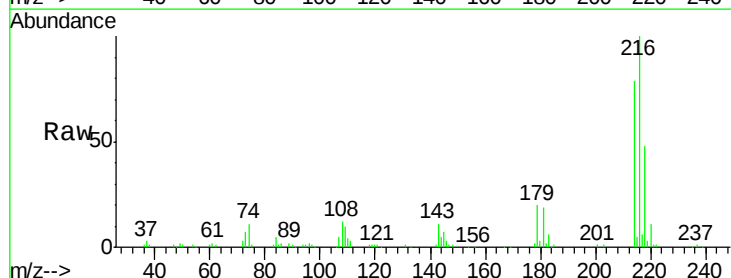
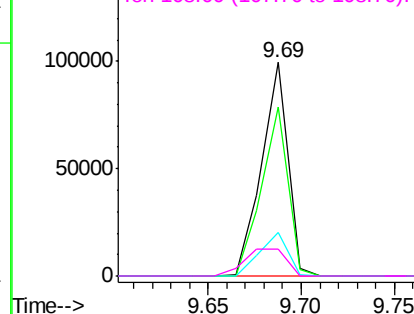
216 100

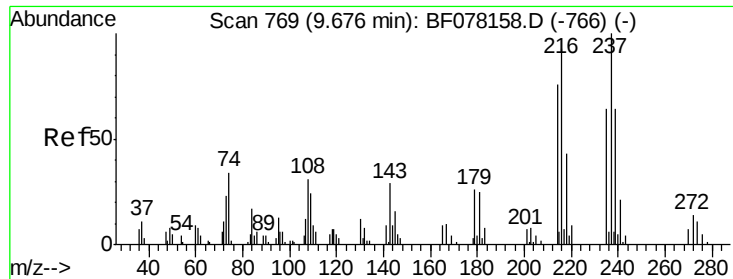
214 79.0 62.0 93.0

179 21.6 17.3 25.9

108 19.9 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





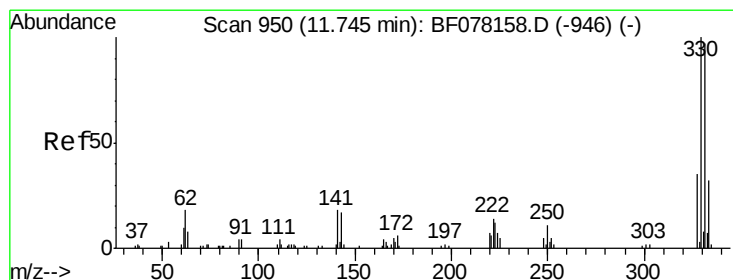
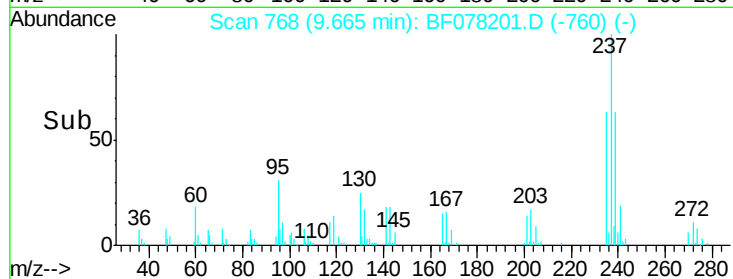
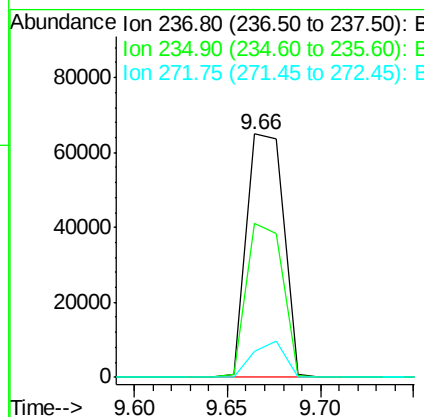
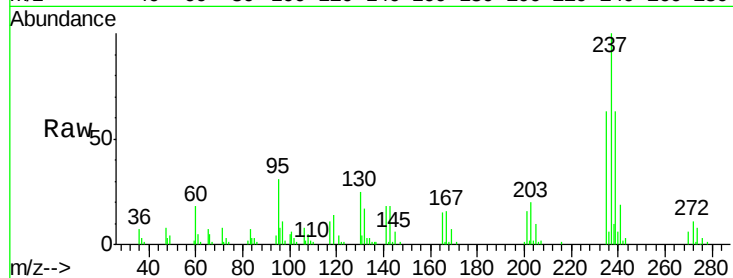
#40
Hexachlorocyclopentadiene
Concen: 84.28 ng
RT: 9.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	44.1	84.1	
272	10.6	0.0	34.4	

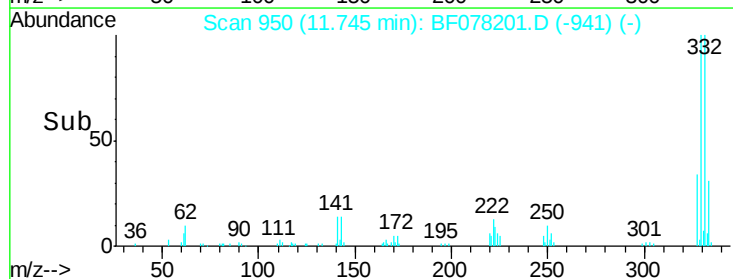
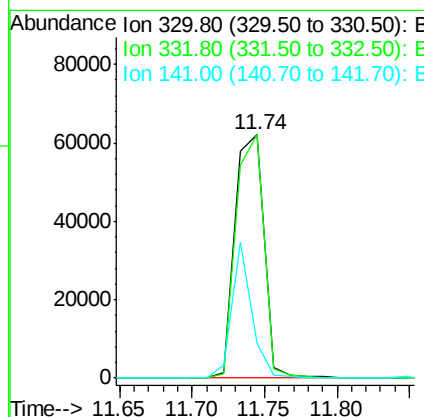
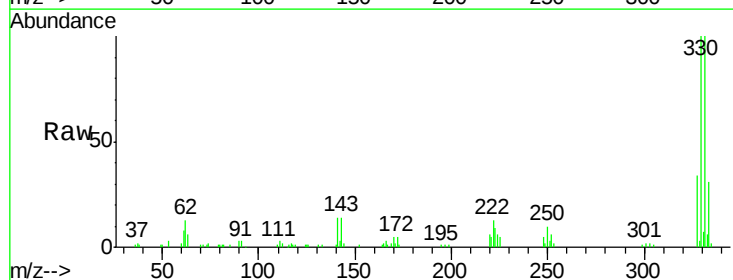
Manual Integrations
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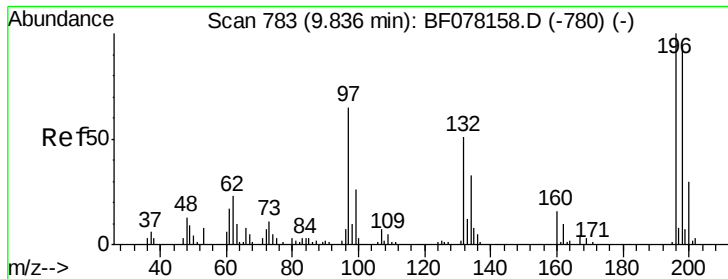
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#41
2,4,6-Tribromophenol
Concen: 131.55 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	78.6	117.8	
141	38.2	31.2	46.8	





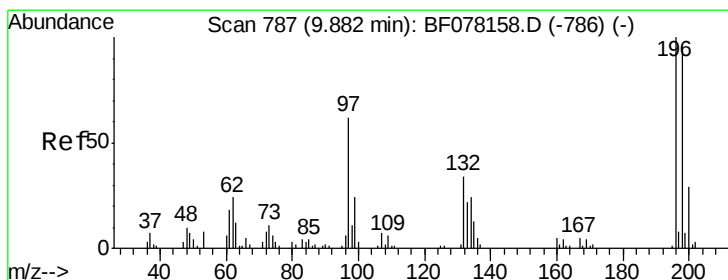
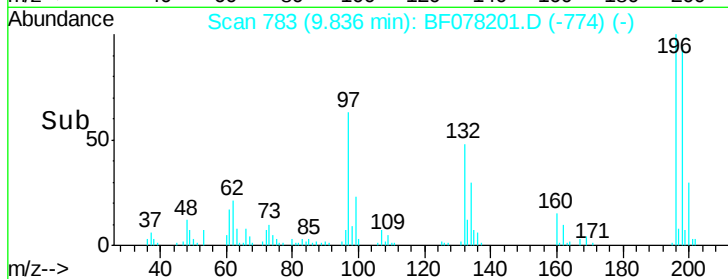
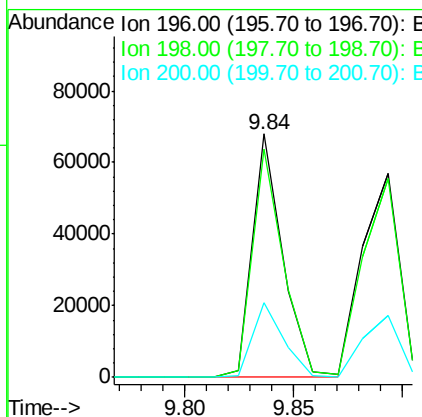
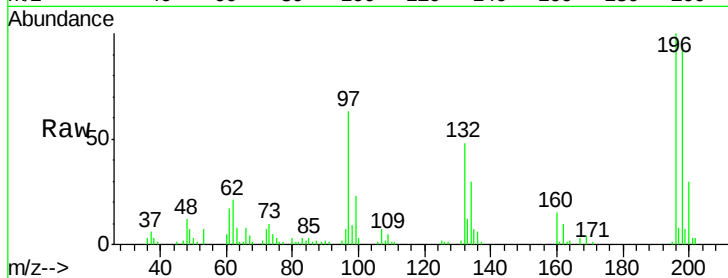
#42
 2,4,6-Trichlorophenol
 Concen: 42.85 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	66173		
198	93.9	75.4	113.2	
200	30.5	24.0	36.0	

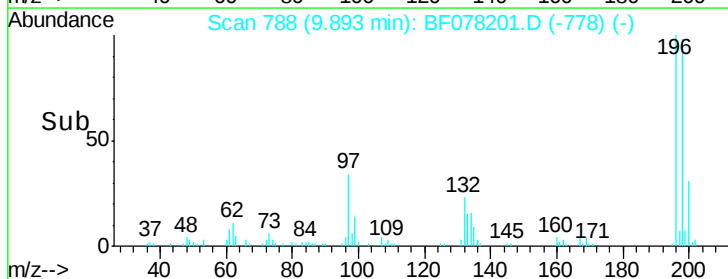
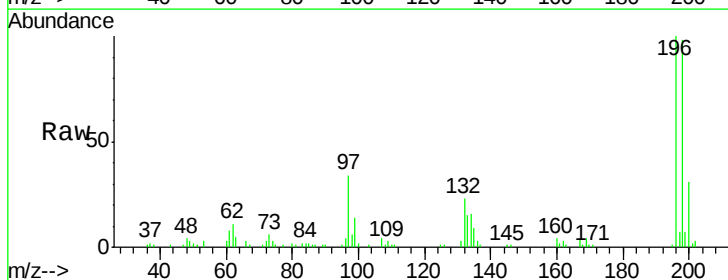
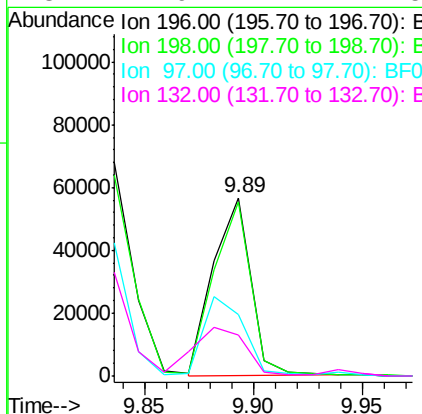
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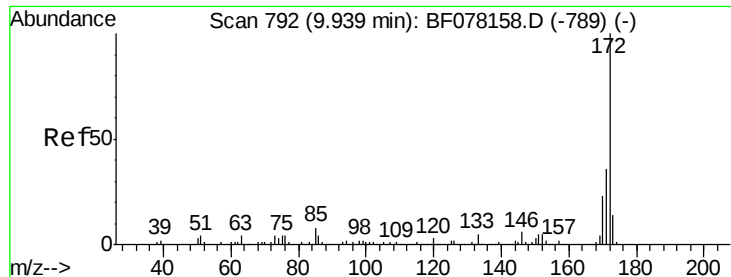
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#43
 2,4,5-Trichlorophenol
 Concen: 42.13 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67978		
198	97.8	76.6	115.0	
97	34.4	50.6	75.8#	
132	22.9	27.7	41.5#	





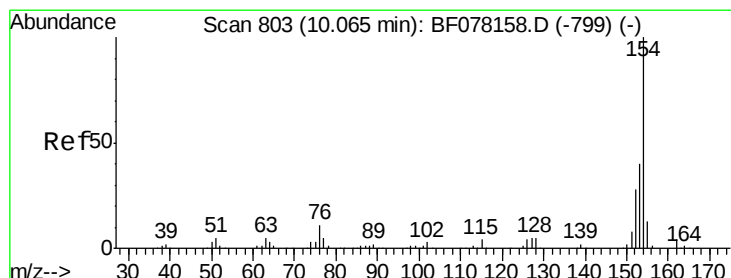
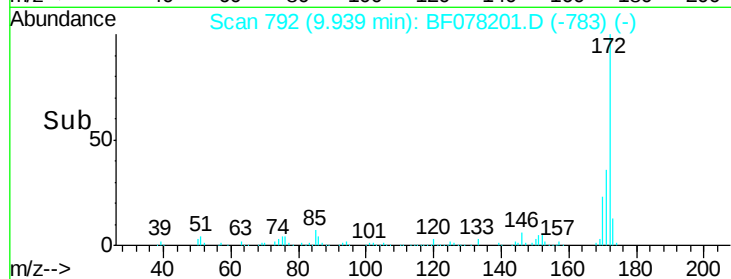
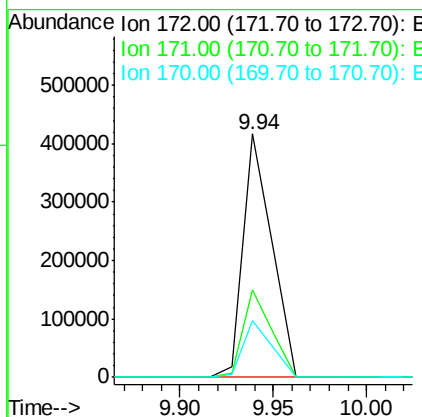
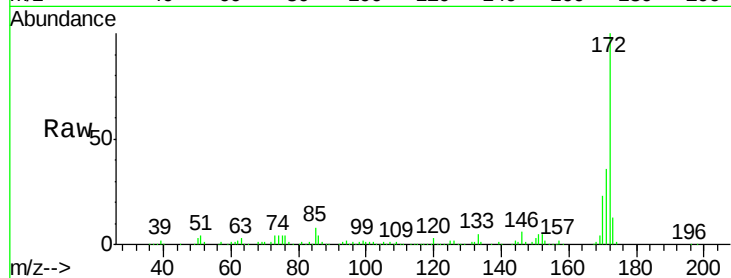
#44
 2-Fluorobiphenyl
 Concen: 80.52 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		445202		
171	35.8	28.6	42.8		
170	23.5	18.5	27.7		

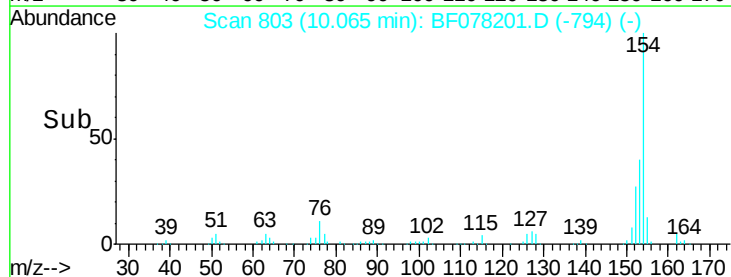
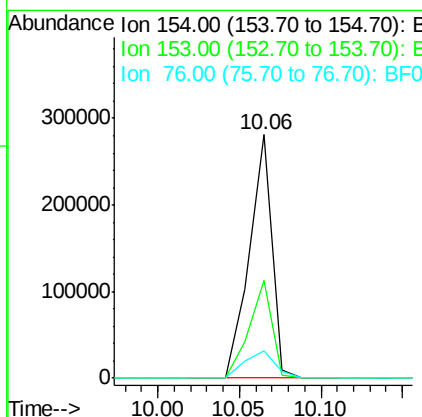
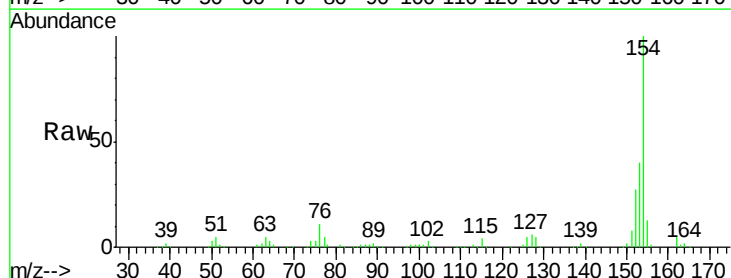
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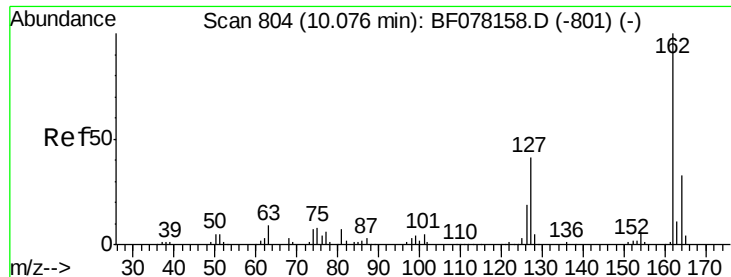
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#45
 1,1'-Biphenyl
 Concen: 41.86 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		270638		
153	39.9	20.0	60.0		
76	11.0	0.0	30.6		





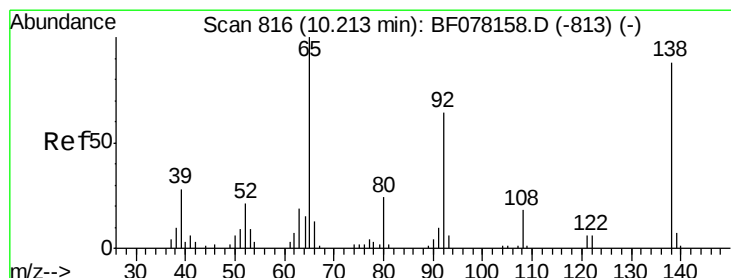
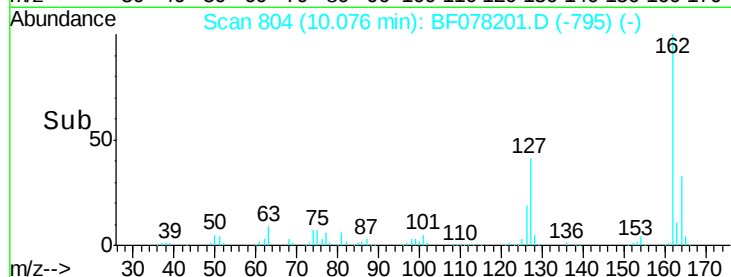
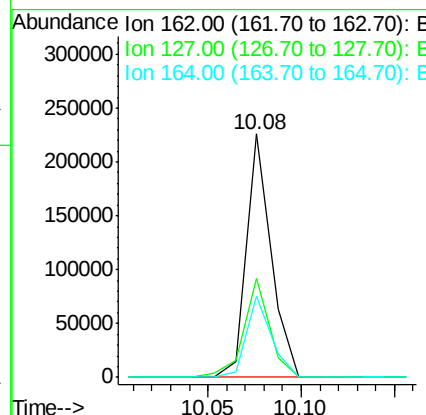
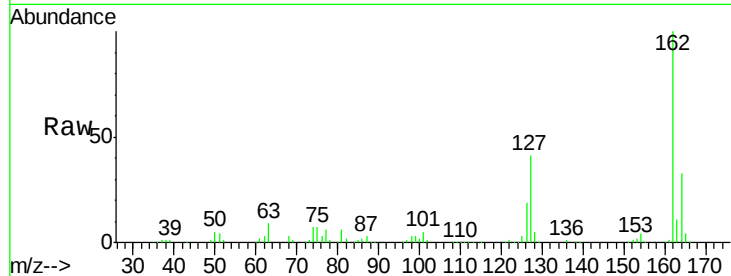
#46
 2-Chloronaphthalene
 Concen: 41.21 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Manual Integrations
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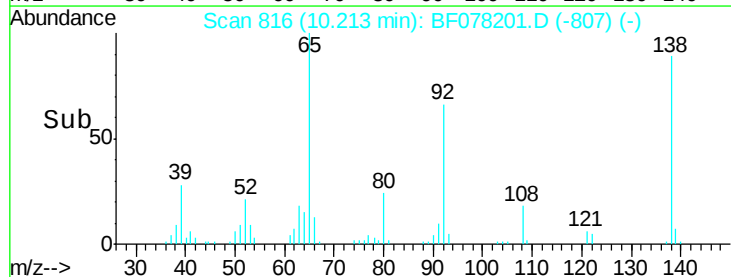
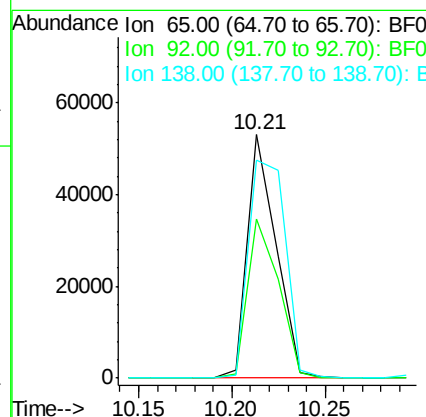
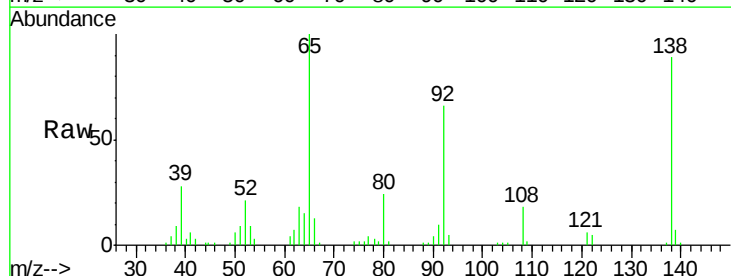
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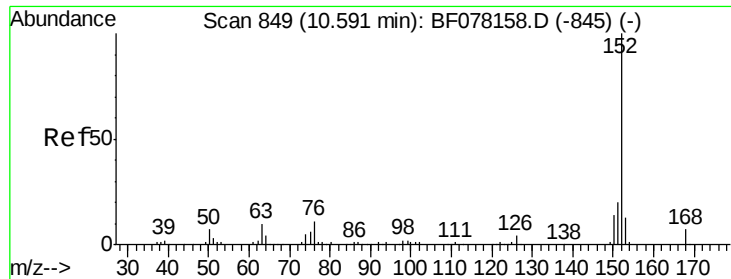
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.6	49.0
164	33.4	26.0	39.0



#47
 2-Nitroaniline
 Concen: 45.10 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	51.3	76.9
138	89.4	70.4	105.6





#48

Acenaphthylene

Concen: 40.91 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

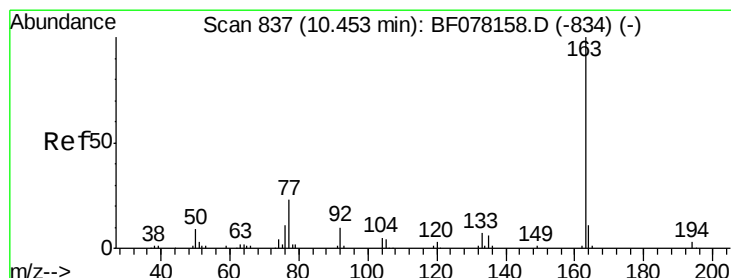
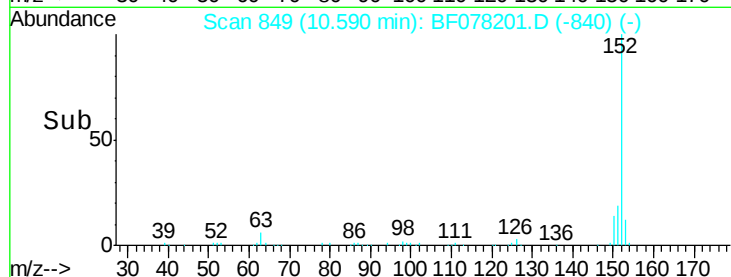
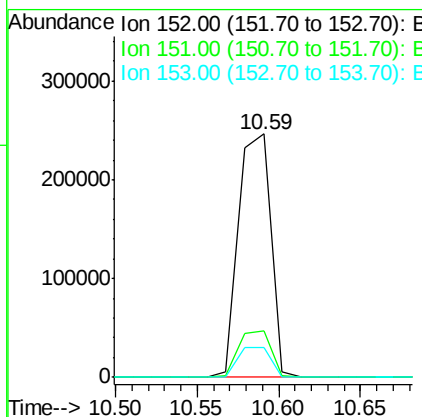
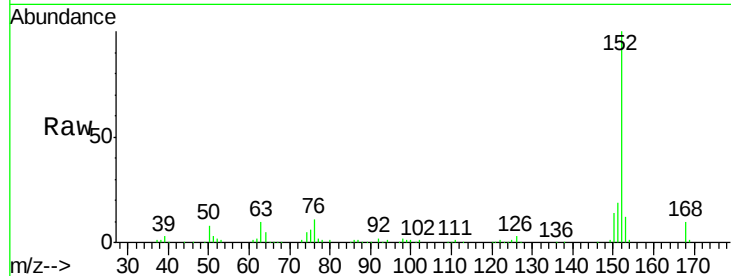
ClientSampleId :

PB82420BS

Tot Ion:	152	Resp:	336011
Ion Ratio		Lower	Upper
152	100		
151	19.0	15.7	23.5
153	12.1	10.2	15.2

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#49

Dimethylphthalate

Concen: 40.50 ng

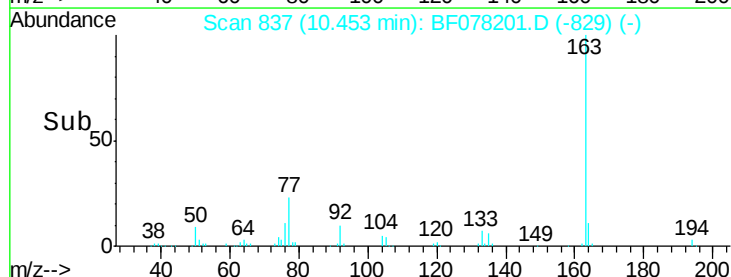
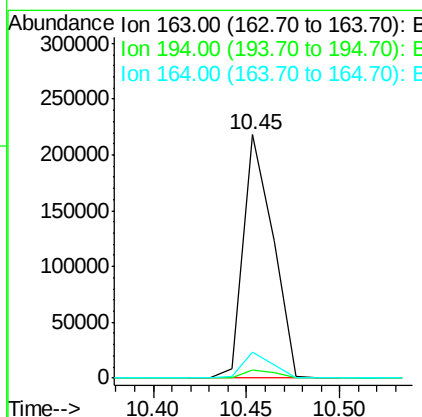
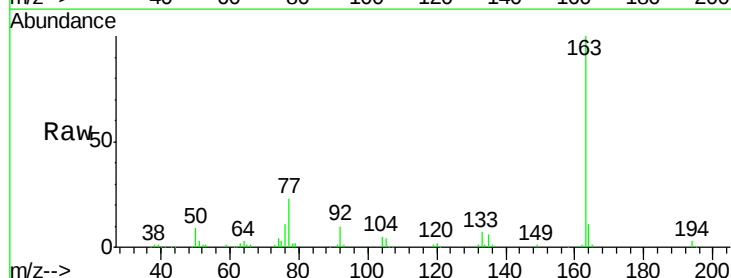
RT: 10.45 min Scan# 837

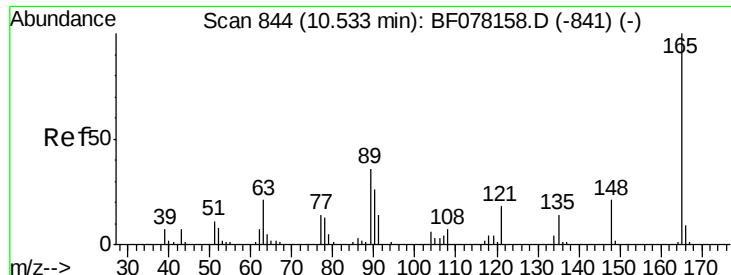
Delta R.T. -0.01 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	163	Resp:	240487
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.3	3.5
164	10.5	8.6	13.0





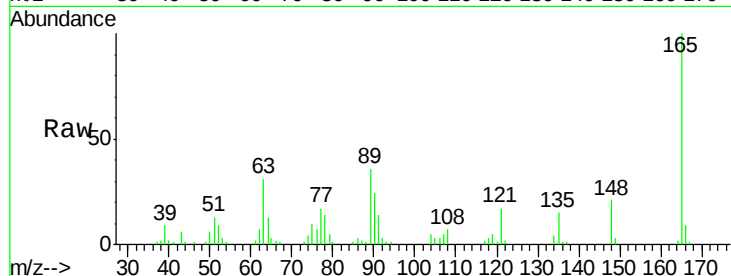
#50
2,6-Dinitrotoluene
Concen: 42.13 ng
RT: 10.53 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

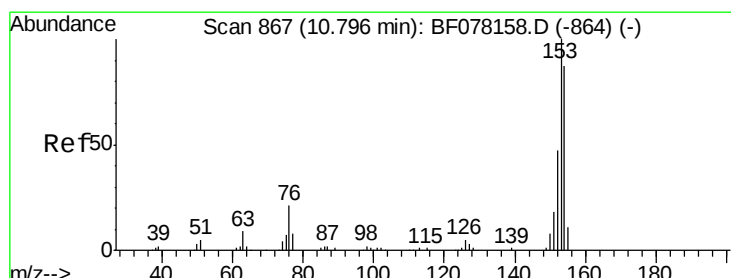
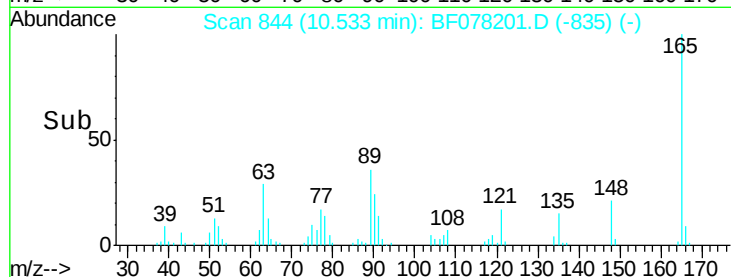
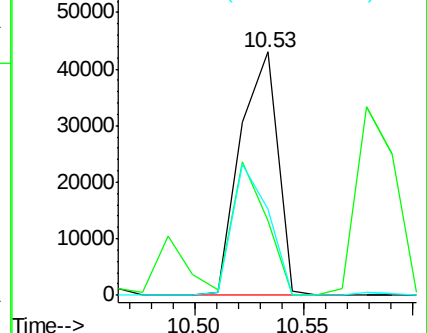
Tot Ion	Ratio	Resp	Lower	Upper
165	100	51465		
63	30.5	24.1	36.1	
89	35.6	28.9	43.3	

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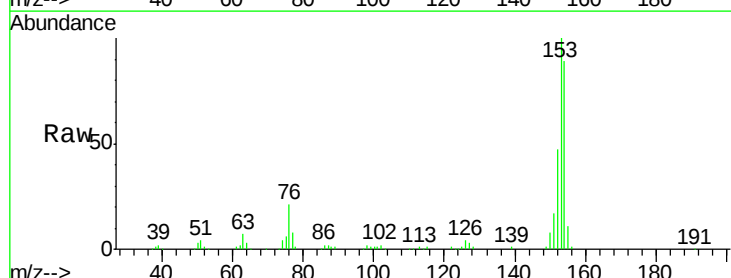


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

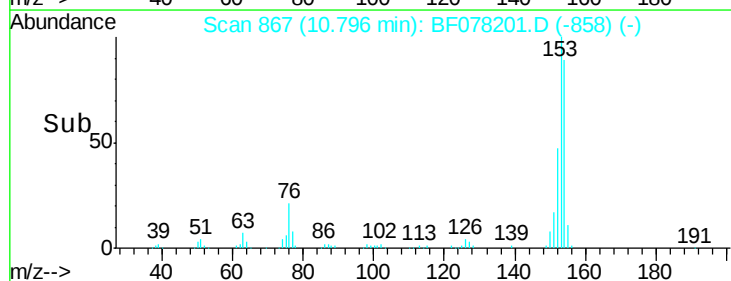
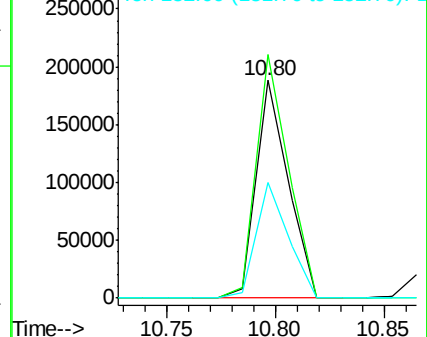


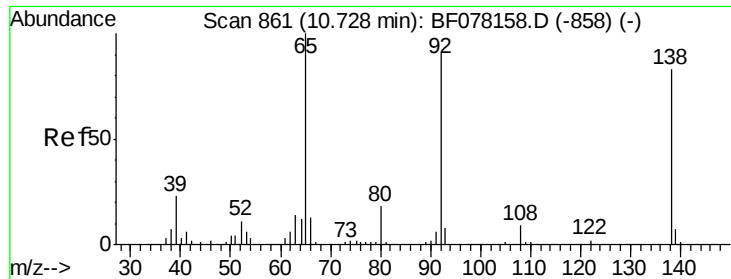
#51
Acenaphthene
Concen: 41.84 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	193470		
153	111.9	91.4	137.2	
152	53.1	43.0	64.6	



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





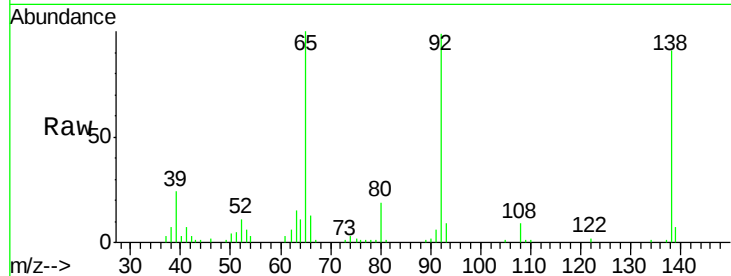
#52
3-Nitroaniline
Concen: 32.99 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

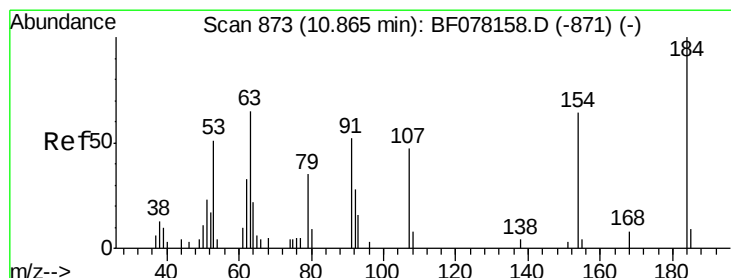
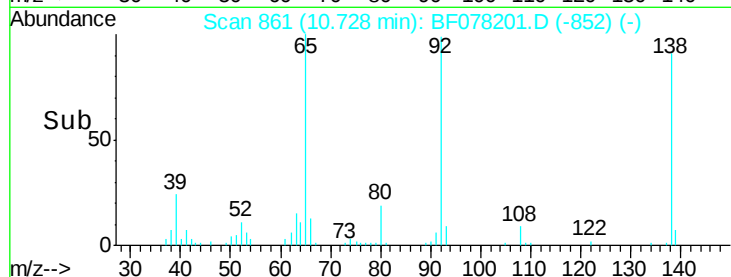
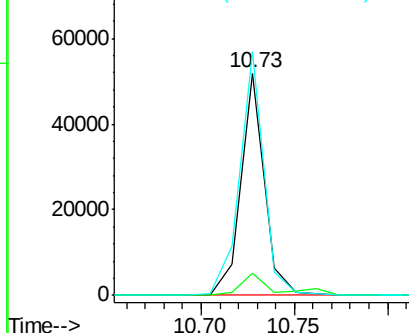
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.2	12.4
92	109.4	88.4	132.6

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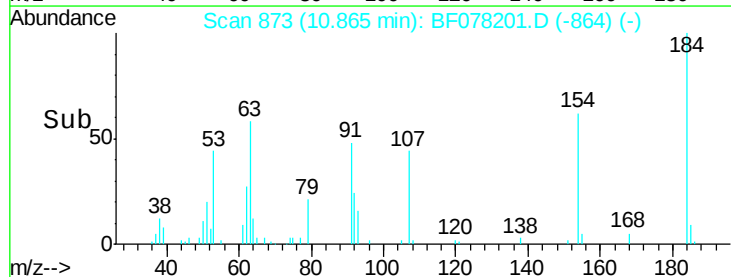
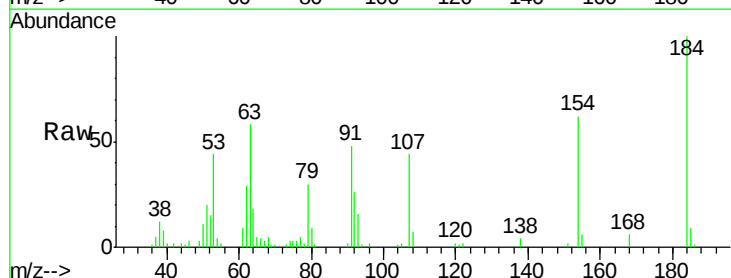
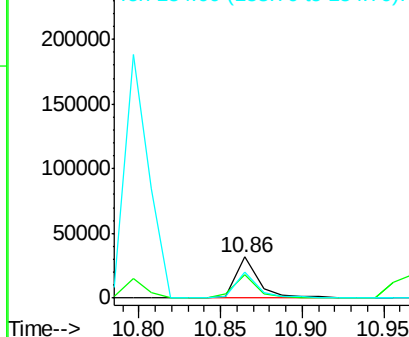
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

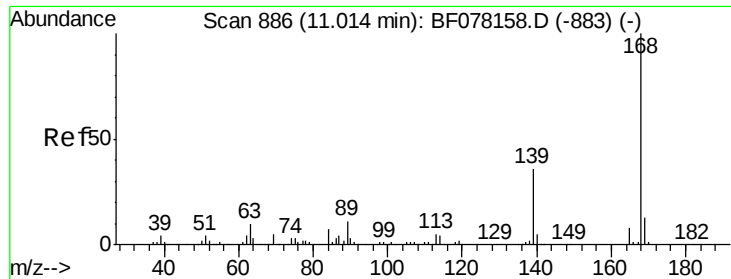


#53
2,4-Dinitrophenol
Concen: 71.54 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	51.9	77.9
154	62.2	51.0	76.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





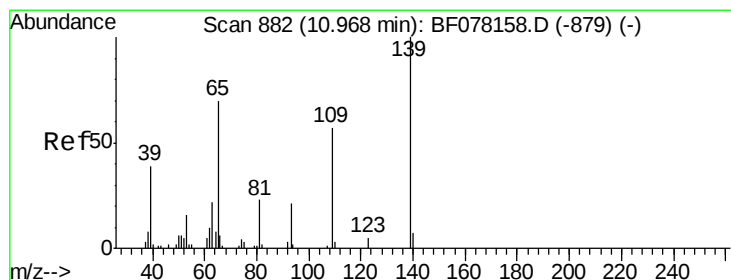
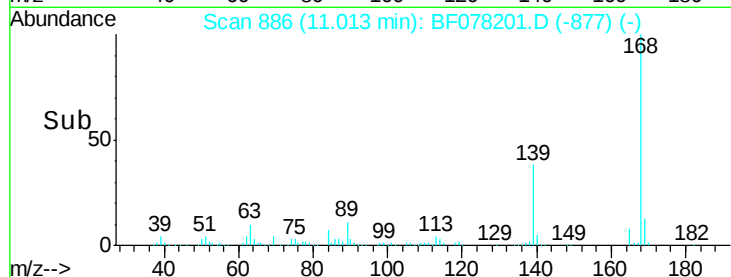
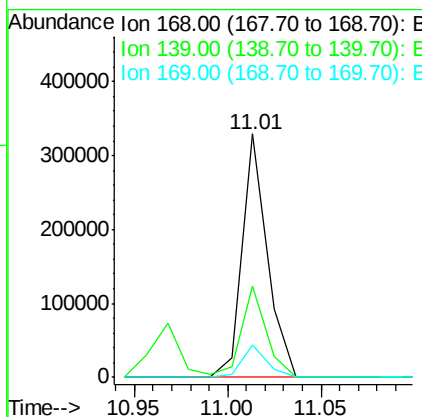
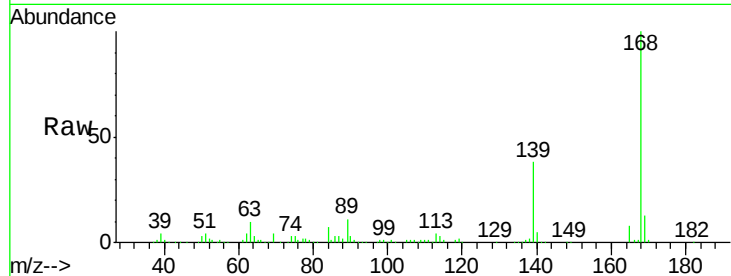
#54
Dibenzenofuran
Concen: 43.61 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.0	46.4
169	13.4	10.7	16.1

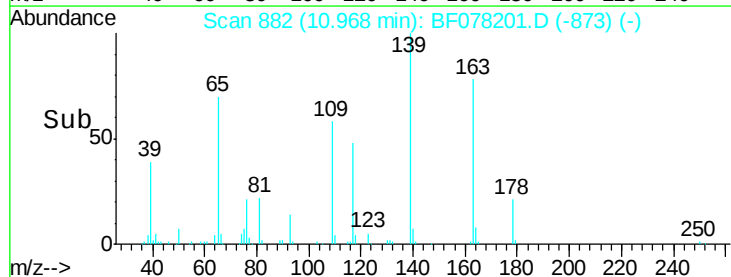
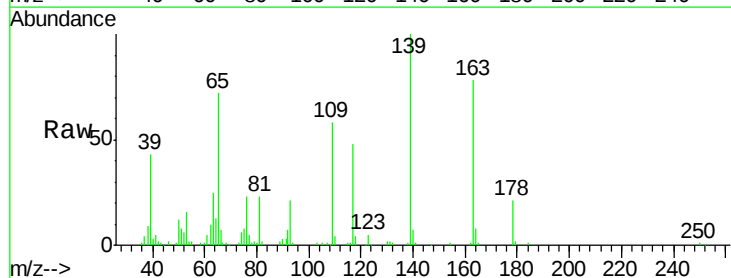
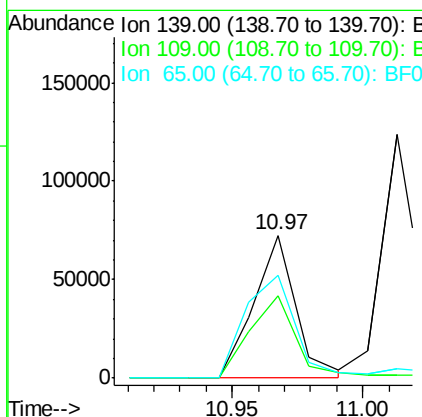
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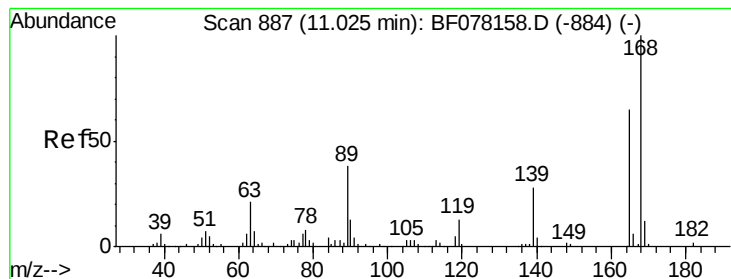
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#55
4-Nitrophenol
Concen: 78.86 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.1	36.7	76.7
65	71.9	49.9	89.9





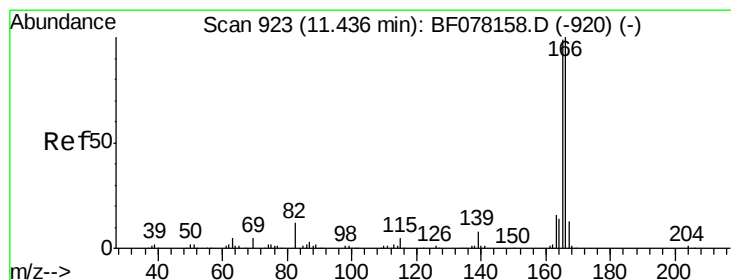
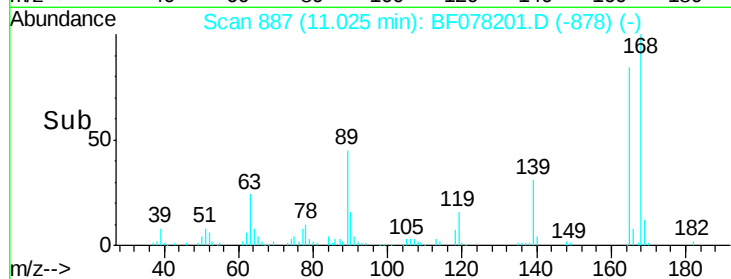
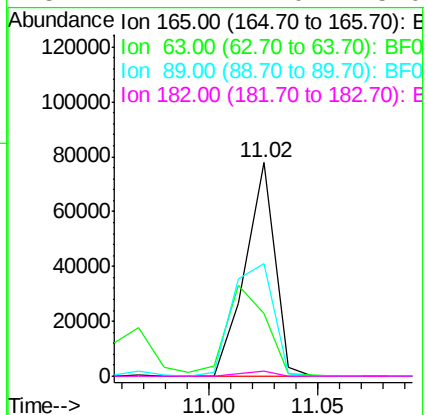
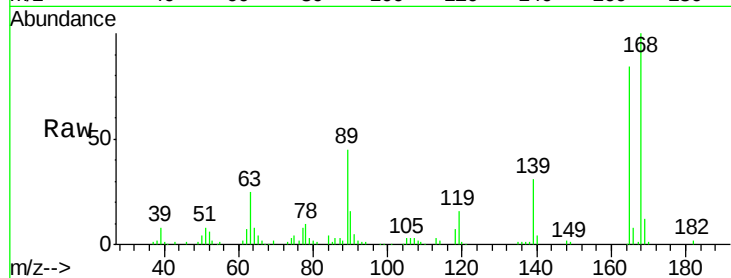
#56
2,4-Dinitrotoluene
Concen: 46.64 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	165	Resp	73788
Ion Ratio	Lower	Upper	
165	100		
63	29.7	26.5	39.7
89	53.1	46.4	69.6
182	2.2	2.0	3.0

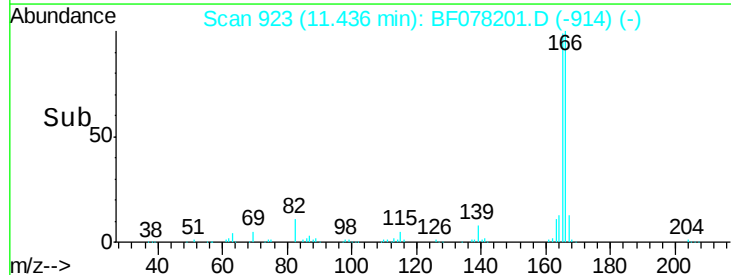
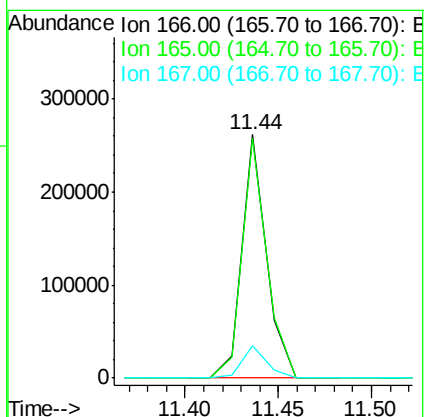
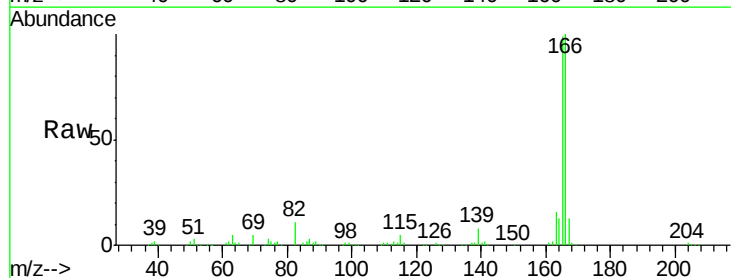
Manual Integrations
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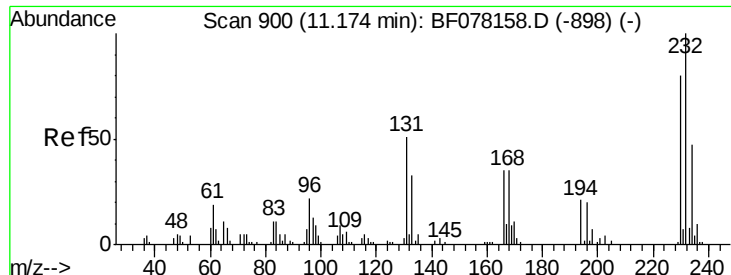
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#57
Fluorene
Concen: 41.79 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	166	Resp	239248
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.9	118.3
167	13.3	10.7	16.1





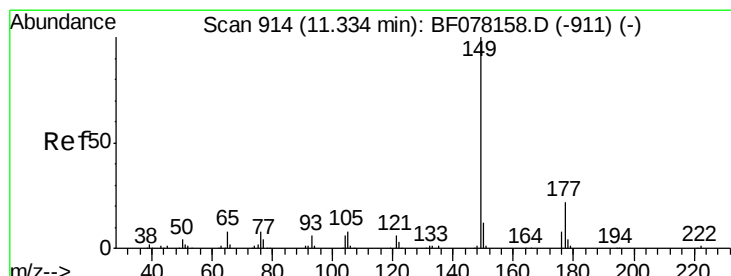
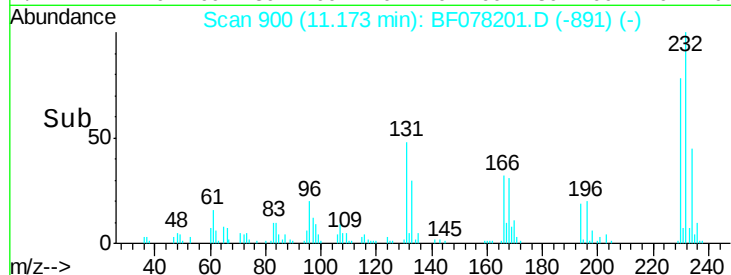
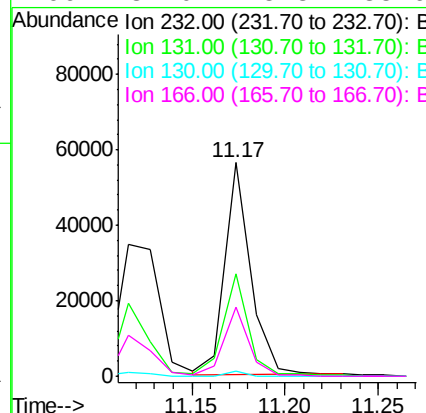
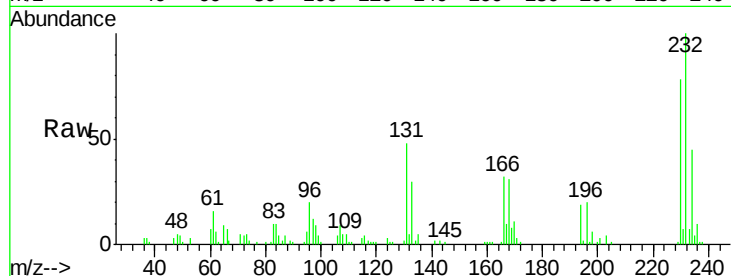
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.87 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.8	56.8
130	1.5	1.5	2.3
166	32.0	25.8	38.6

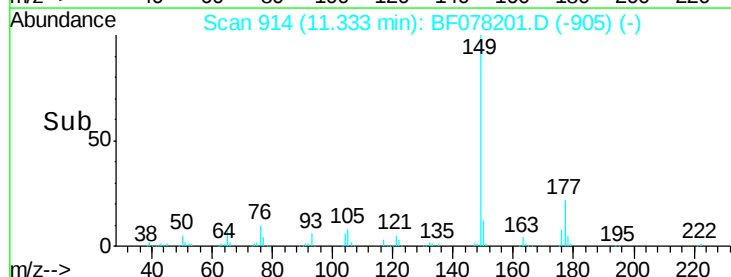
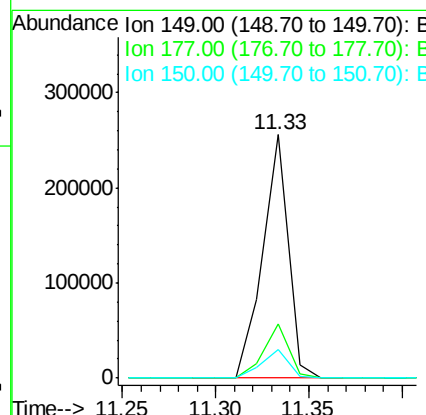
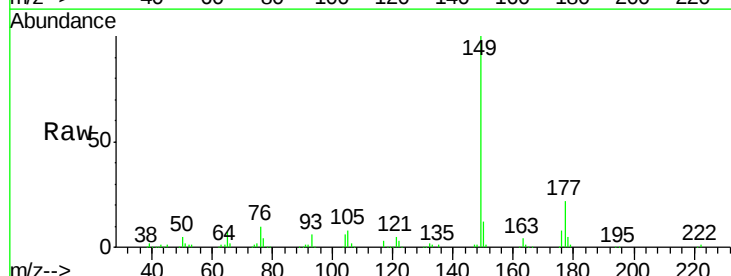
Manual Integrations
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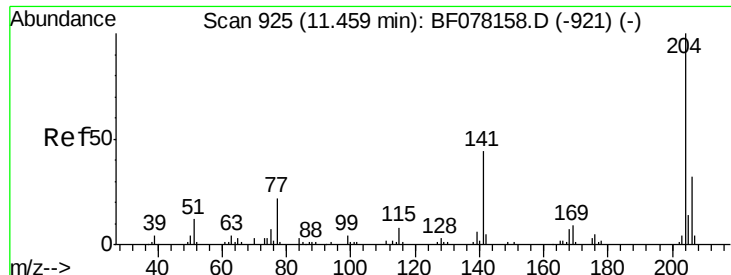
apatel
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#59
 Diethylphthalate
 Concen: 42.21 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	11.9	9.4	14.2





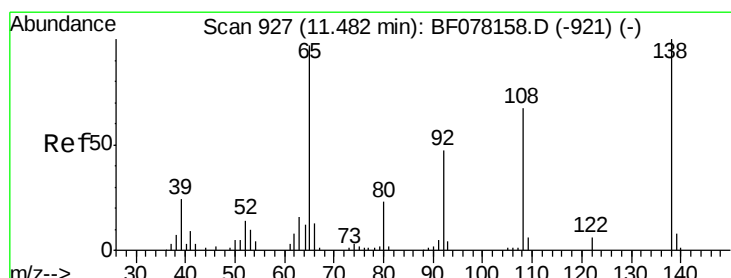
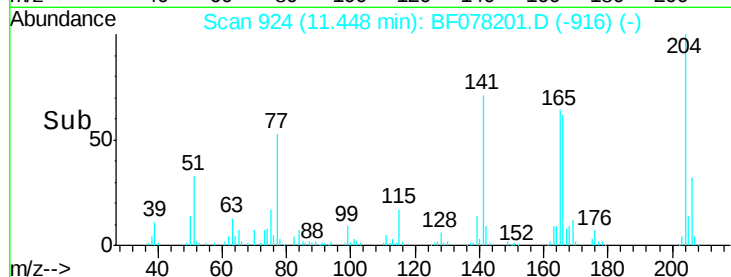
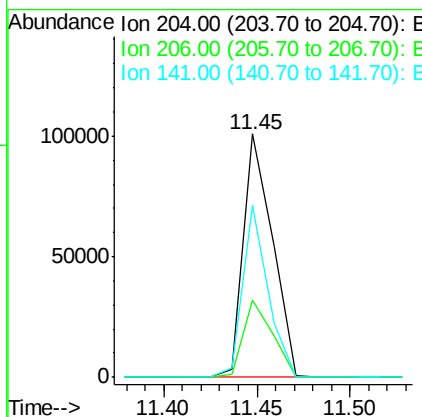
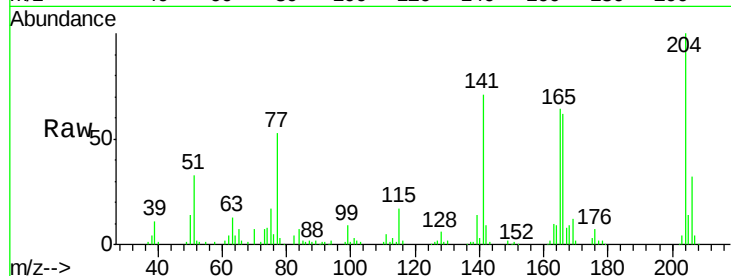
#60
4-Chlorophenyl-phenylether
Concen: 41.55 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	31.9	25.6	38.4
141	70.6	35.4	53.0

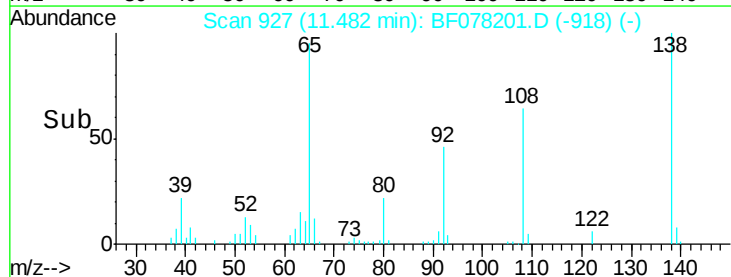
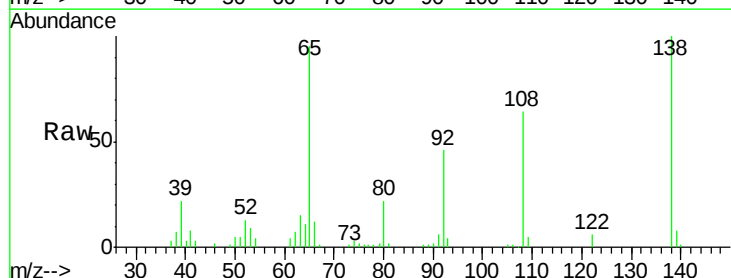
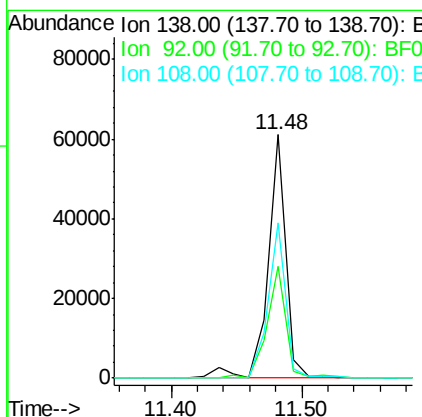
Manual Integrations
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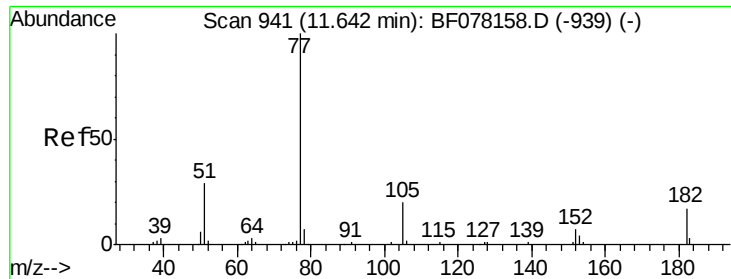
apatel
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#61
4-Nitroaniline
Concen: 41.68 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	45.8	27.3	67.3
108	63.9	47.2	87.2





#62

Azobenzene

Concen: 43.36 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

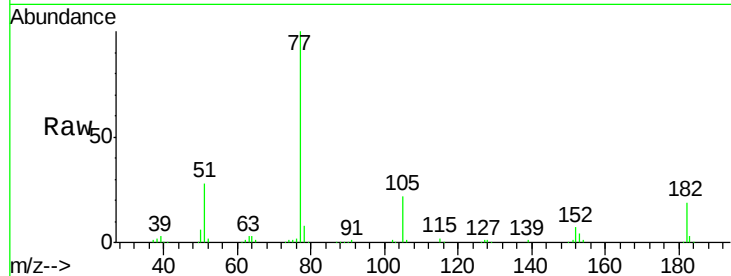
ClientSampleId :

PB82420BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		226560		
182	19.4	0.0	36.8		
105	22.0	0.3	40.3		
51	28.0	9.1	49.1		

Manual Integrations
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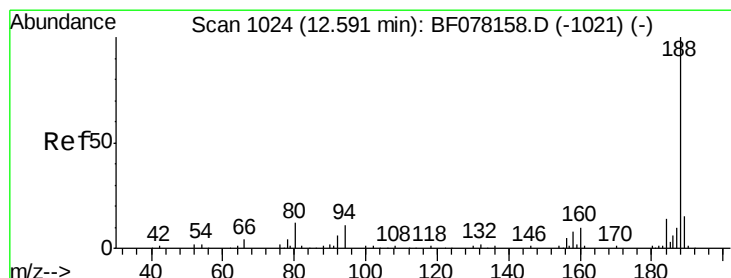
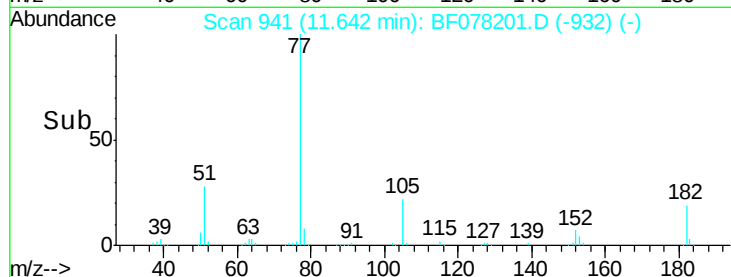
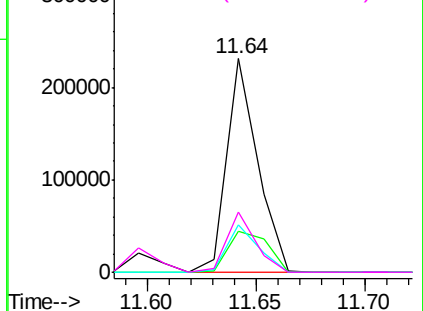


Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-939) (-)

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

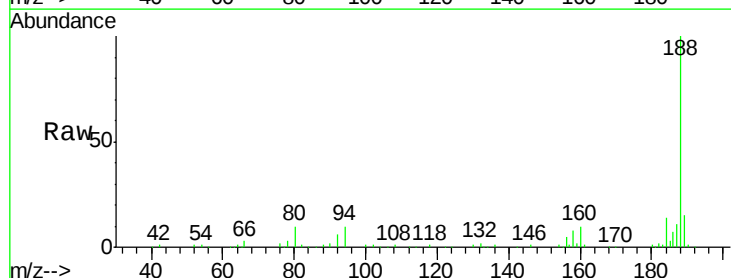
RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

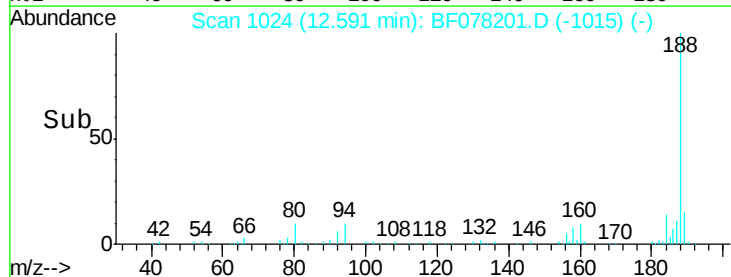
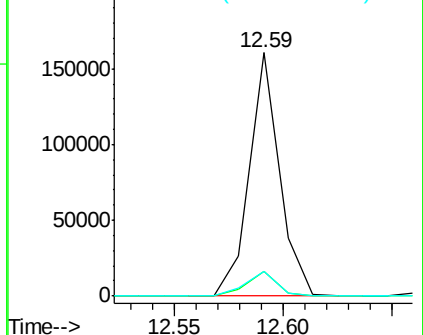
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		155151		
94	10.0	9.0	13.4		
80	10.3	9.5	14.3		

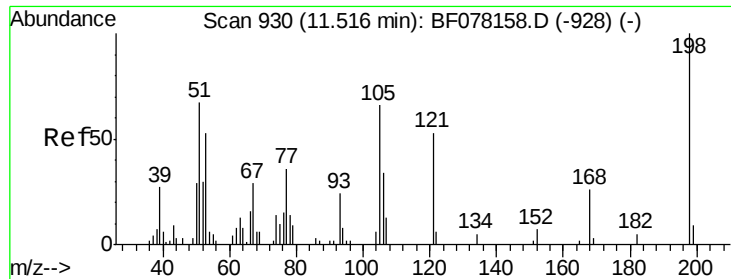


Abundance Ion 188.00 (187.70 to 188.70): BF078158.D (-1021) (-)

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

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





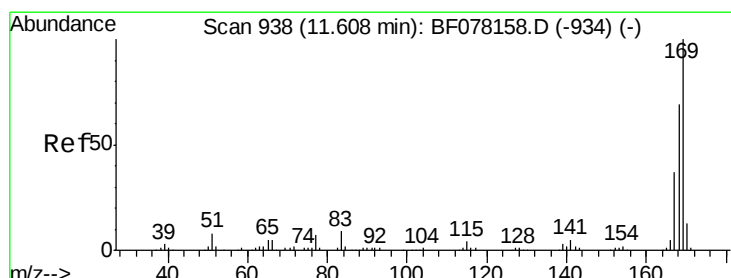
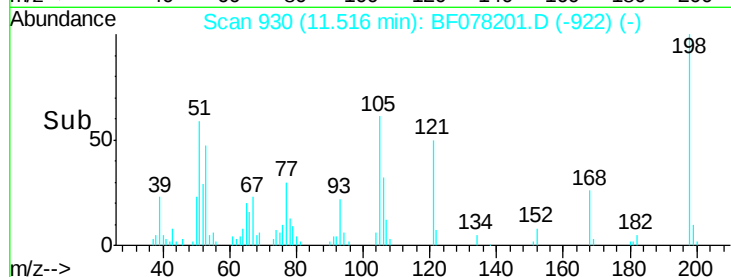
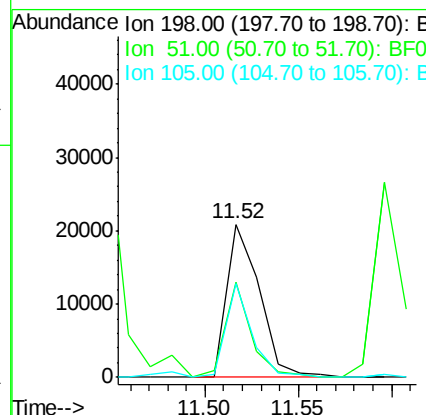
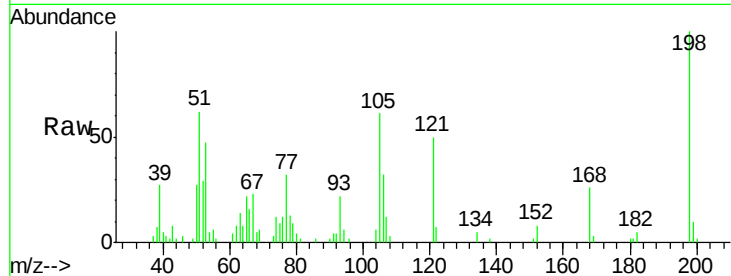
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.98 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampled :
 PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	25697		
51	62.2		48.6	88.6
105	61.4		45.8	85.8

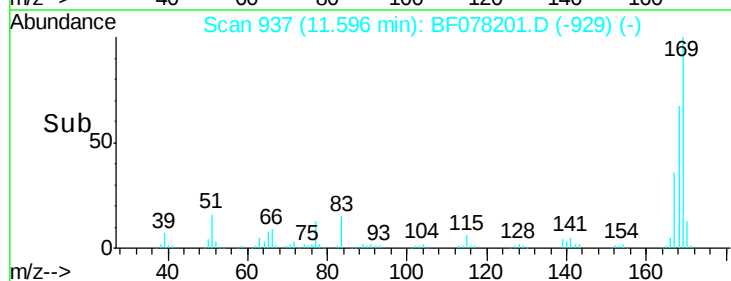
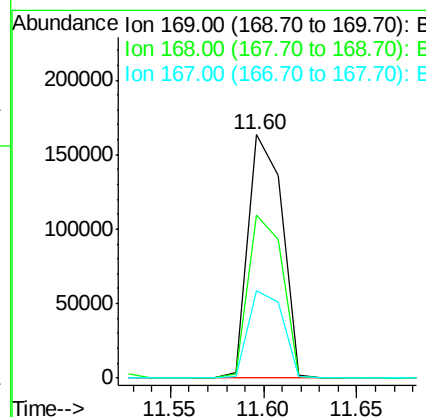
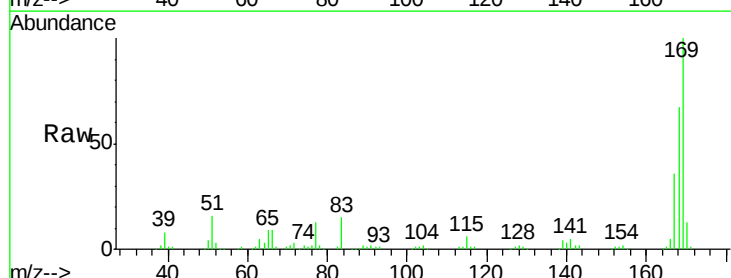
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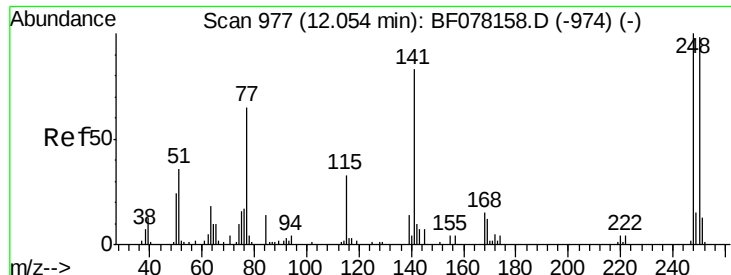
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#65
 n-Nitrosodiphenylamine
 Concen: 39.02 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	209409		
168	66.8		55.0	82.4
167	36.0		29.3	43.9





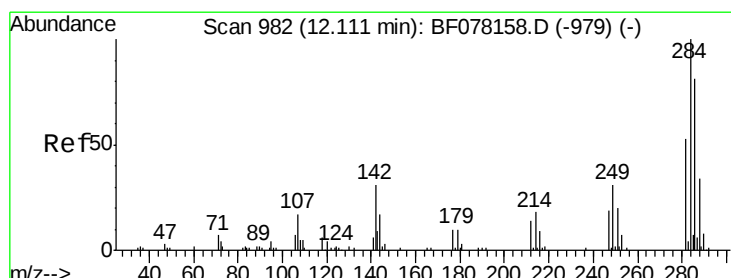
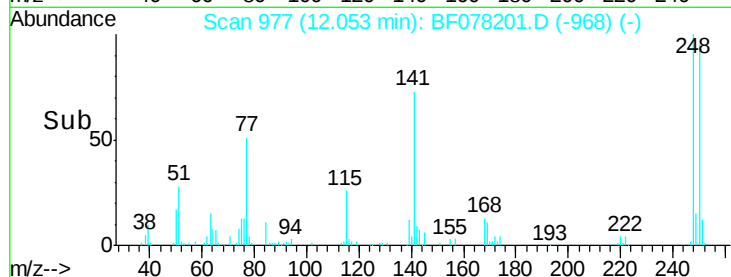
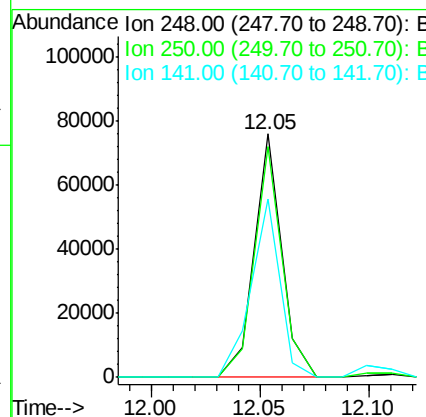
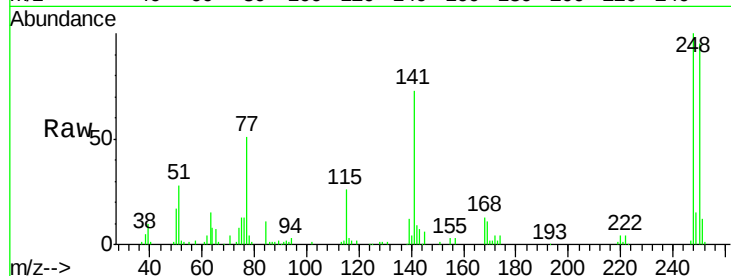
#66
4-Bromophenyl-phenylether
Concen: 40.65 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.2	117.2
141	73.5	66.4	99.6

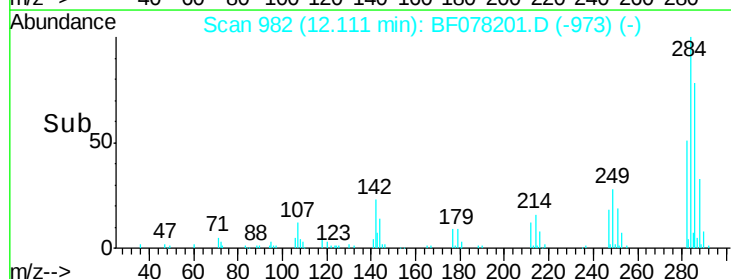
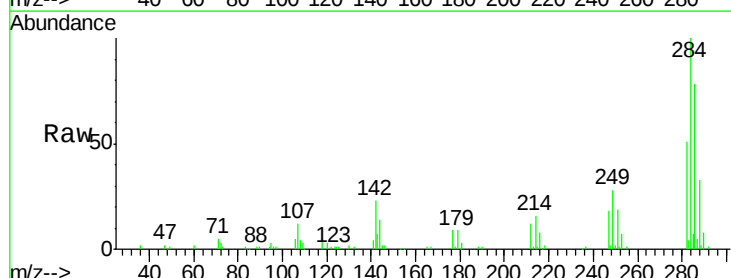
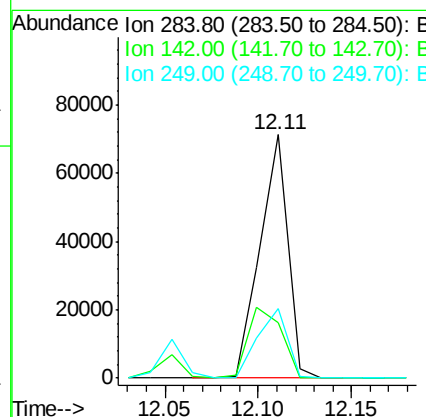
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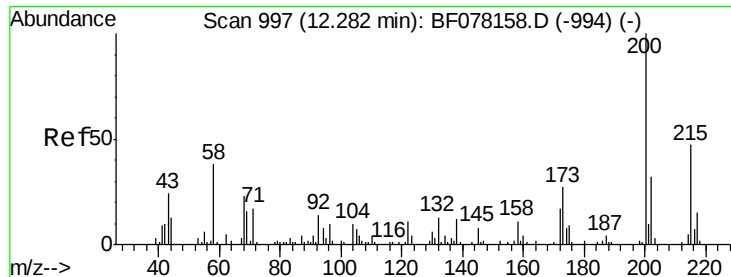
apatel
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#67
Hexachlorobenzene
Concen: 40.72 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.9	24.5	36.7#
249	28.4	24.8	37.2





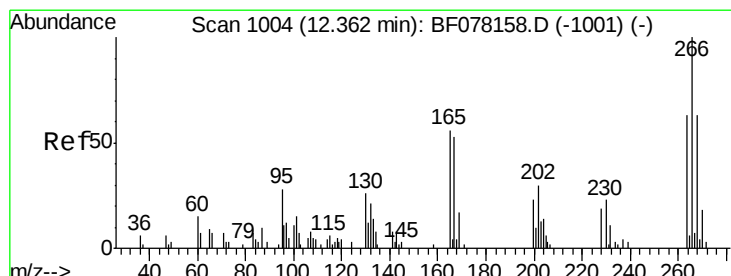
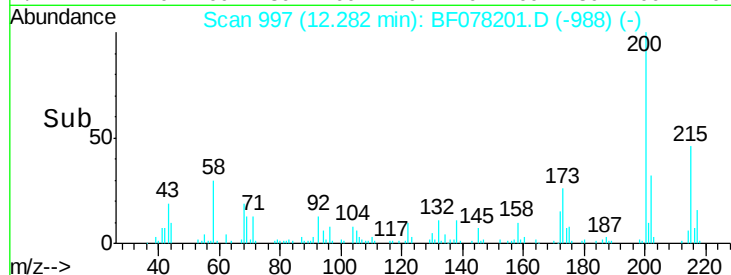
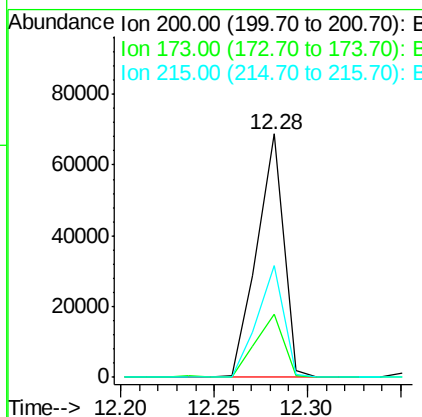
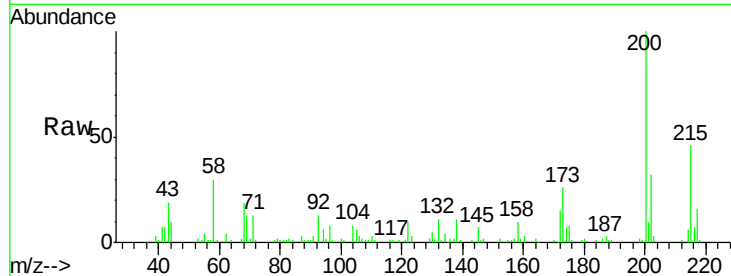
#68
Atrazine
Concen: 44.02 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	68425		
173	25.7	6.9	46.9	
215	46.0	27.1	67.1	

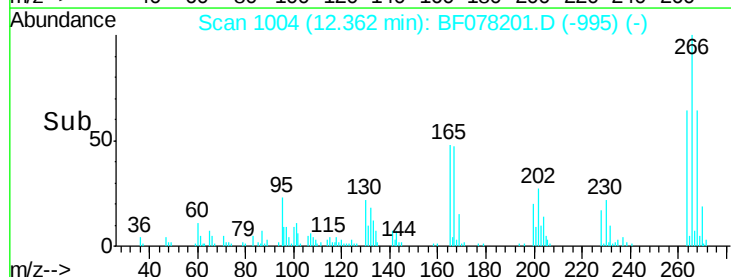
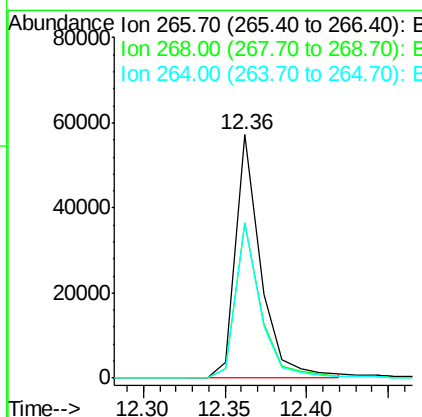
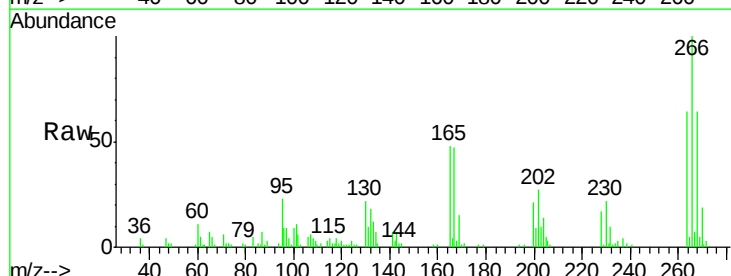
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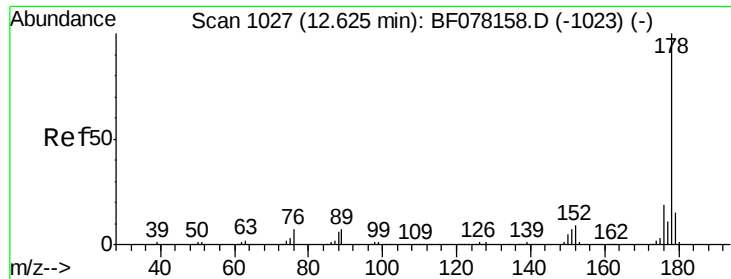
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#69
Pentachlorophenol
Concen: 77.00 ng
RT: 12.36 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	61220		
268	63.7	50.1	75.1	
264	63.8	50.0	75.0	





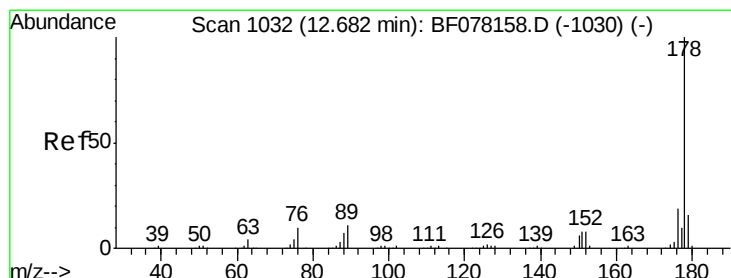
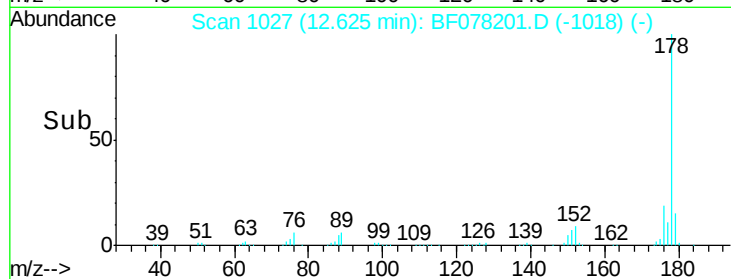
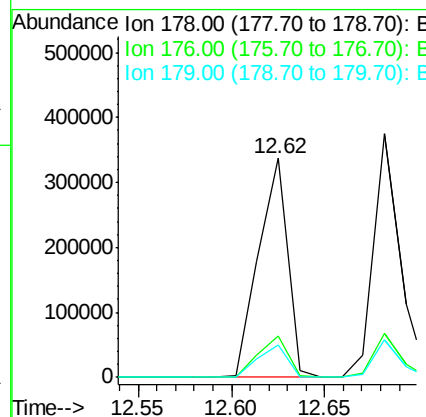
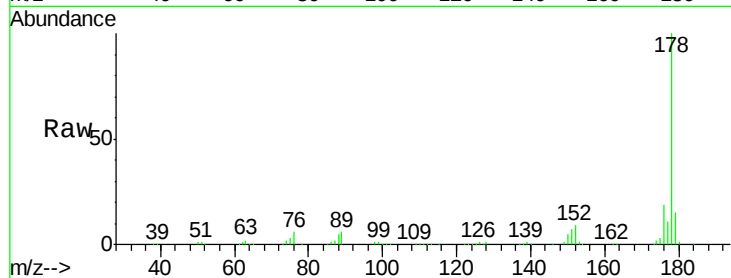
#70
Phenanthrene
Concen: 40.45 ng
RT: 12.62 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.0	12.2	18.2

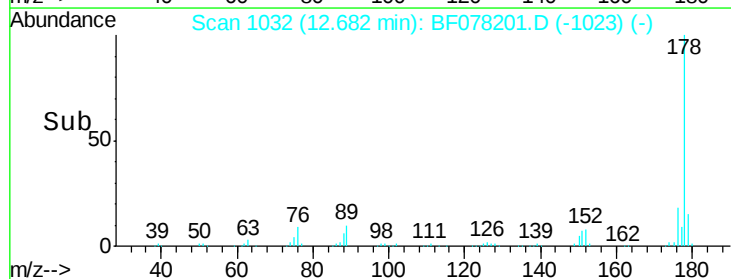
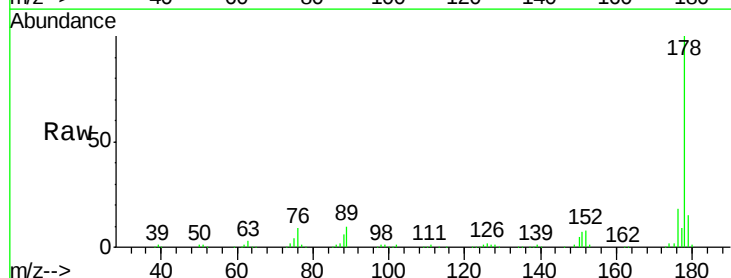
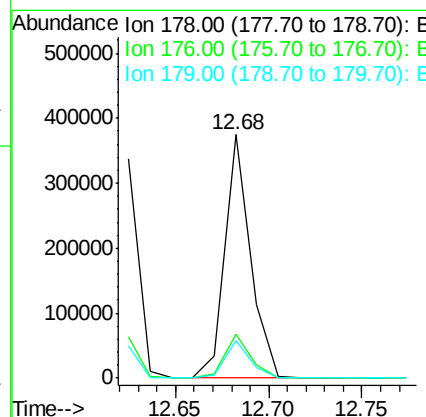
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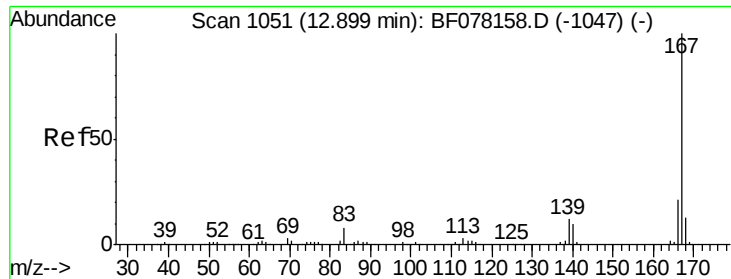
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#71
Anthracene
Concen: 40.66 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.2	12.4	18.6





#72

Carbazole

Concen: 42.50 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

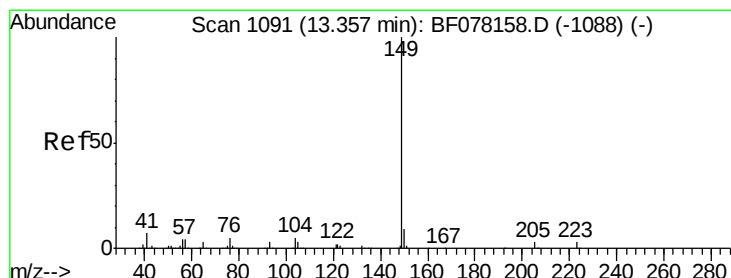
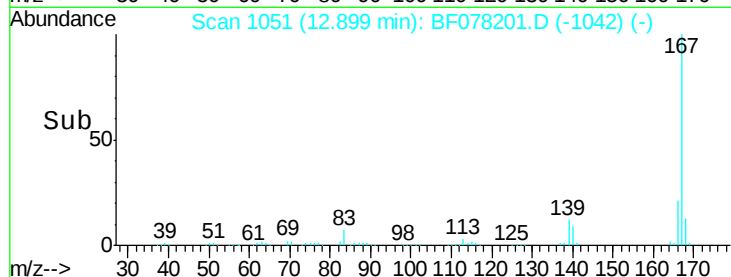
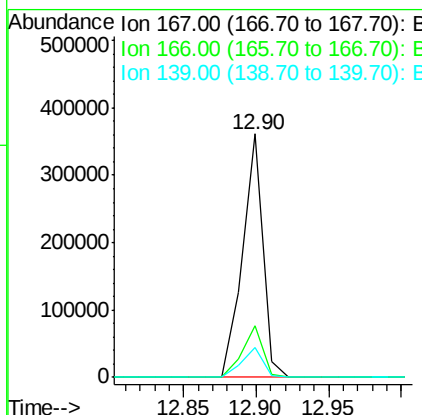
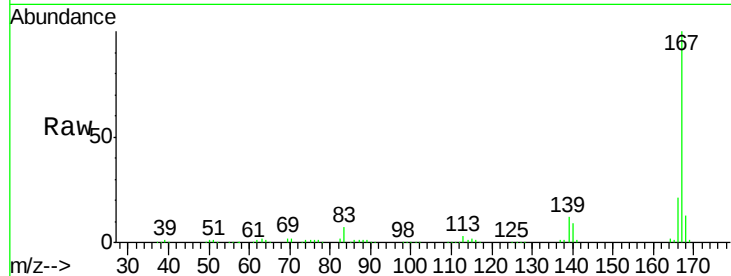
ClientSampleId :

PB82420BS

Tot Ion:	167	Resp:	352260
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.8	25.2
139	12.2	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 41.75 ng

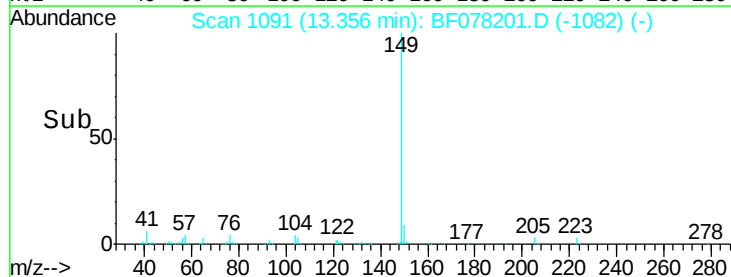
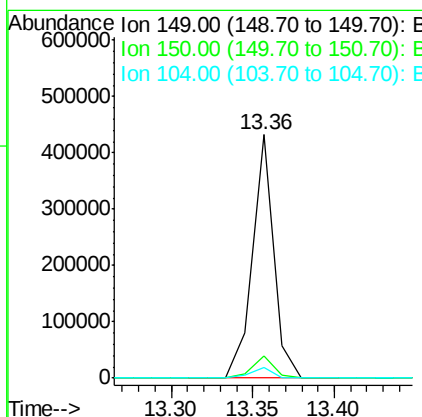
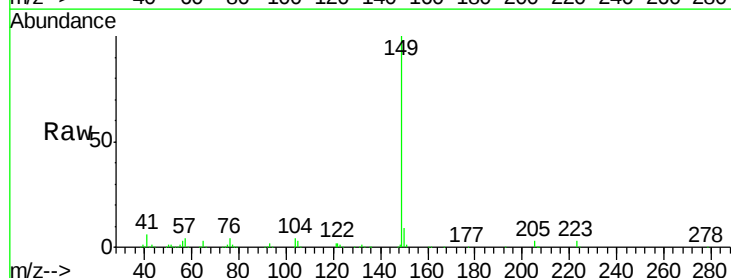
RT: 13.36 min Scan# 1091

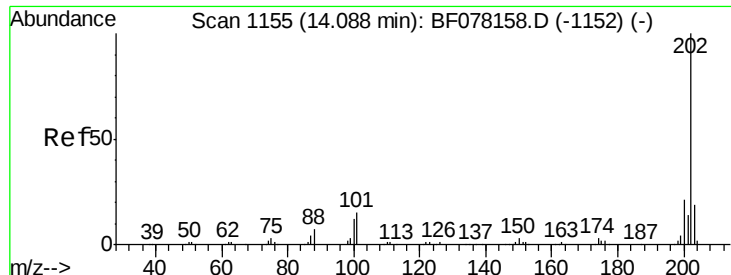
Delta R.T. -0.00 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	149	Resp:	392012
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.4	3.8	5.6





#74

Fluoranthene

Concen: 42.21 ng

RT: 14.09 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

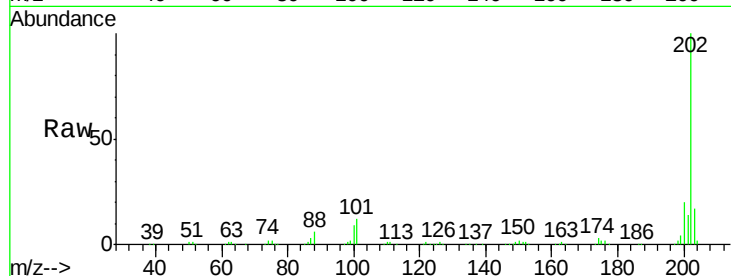
ClientSampleId :

PB82420BS

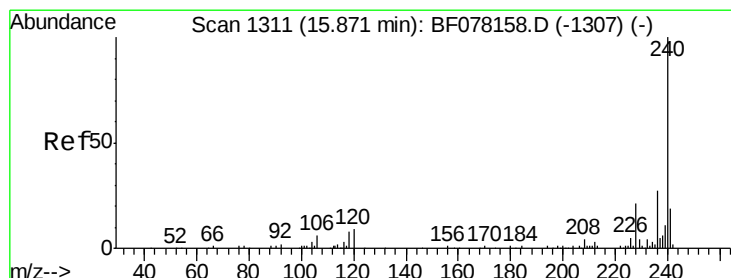
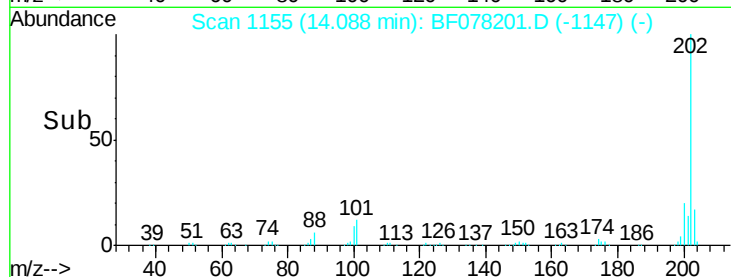
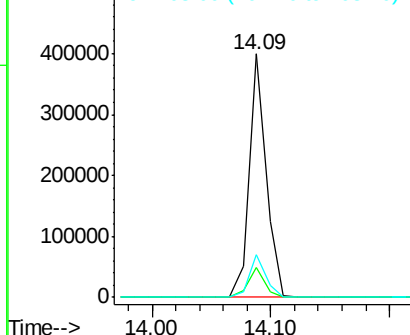
Tot Ion:	202	Resp:	399534
Ion Ratio		Lower	Upper
202	100		
101	12.5	0.0	35.2
203	17.4	0.0	38.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1310

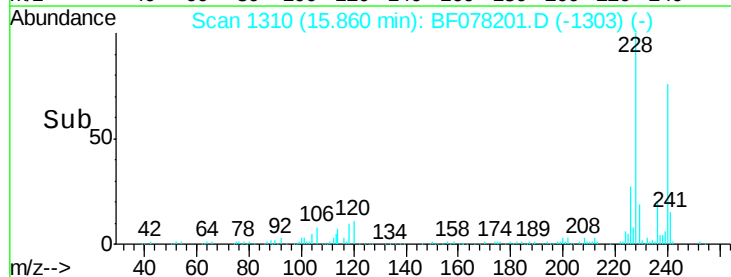
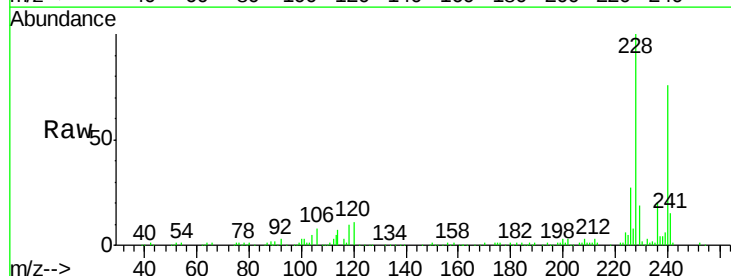
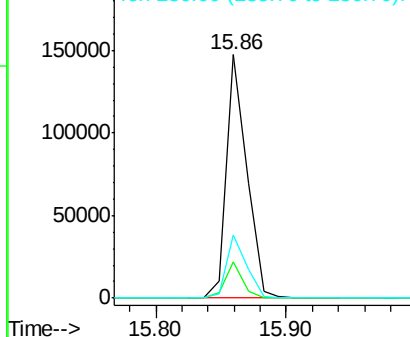
Delta R.T. -0.02 min

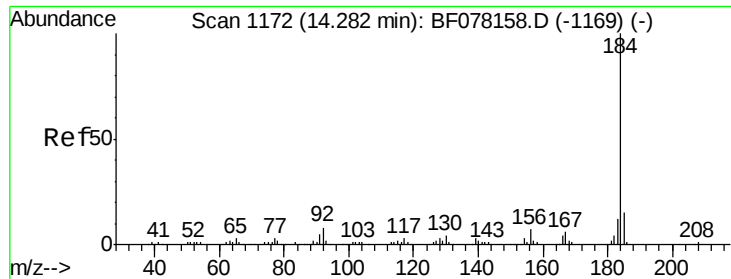
Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	240	Resp:	160304
Ion Ratio		Lower	Upper
240	100		
120	14.9	7.1	10.7#
236	25.7	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





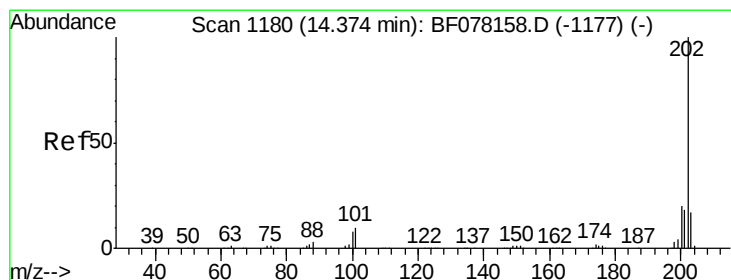
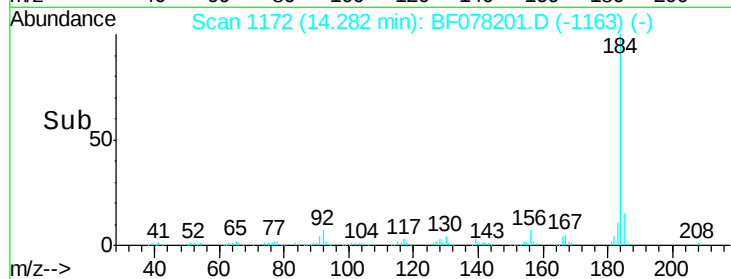
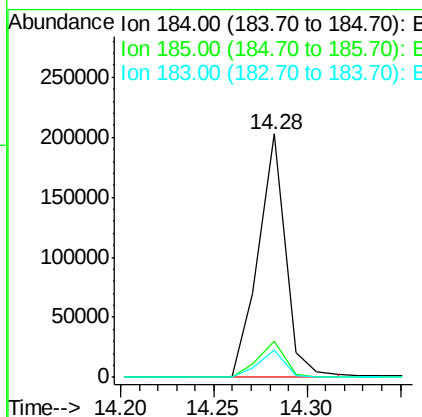
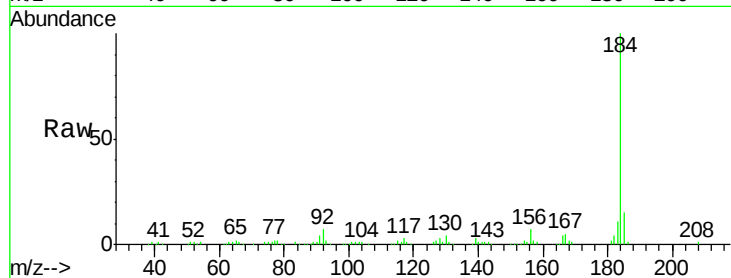
#76
Benzidine
Concen: 33.42 ng
RT: 14.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	12.2	18.2	
183	11.1	9.5	14.3	

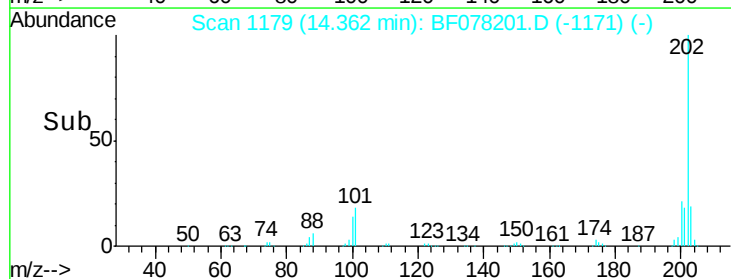
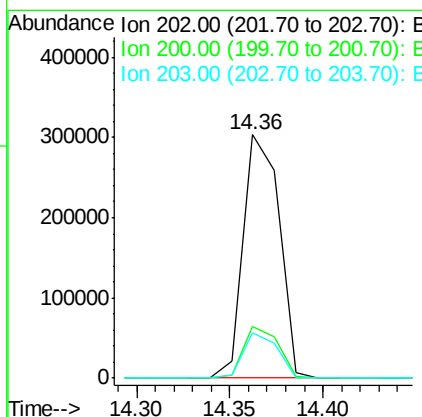
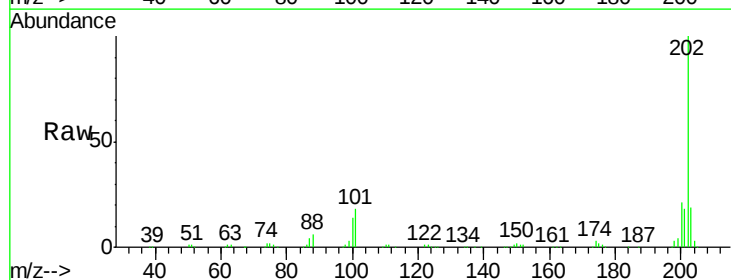
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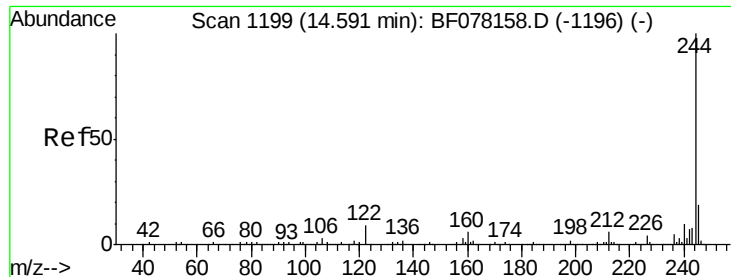
apatel
4/6/2015 12:04:24 PM



#77
Pyrene
Concen: 40.37 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	16.3	24.5	
203	18.6	13.8	20.6	





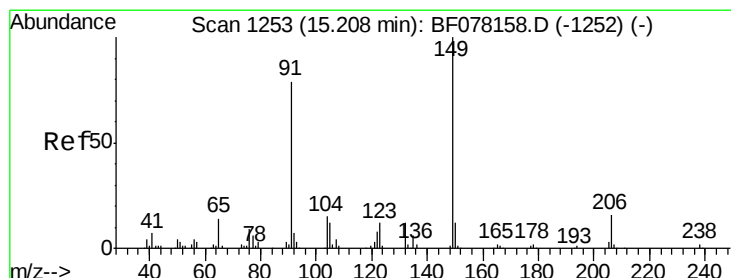
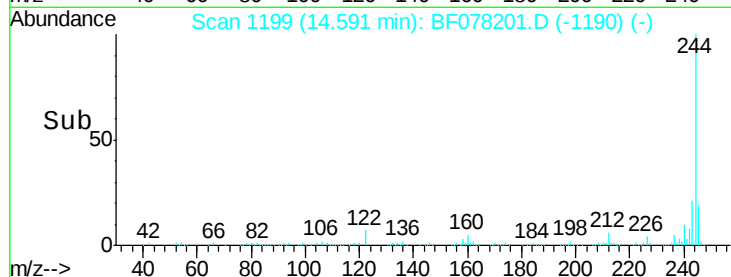
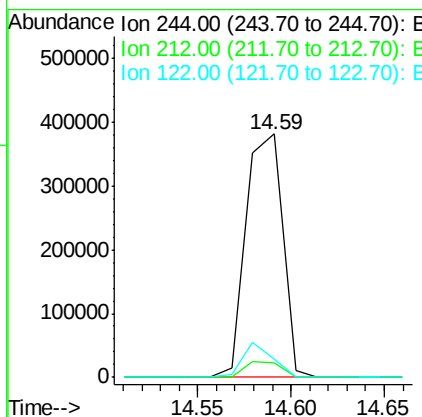
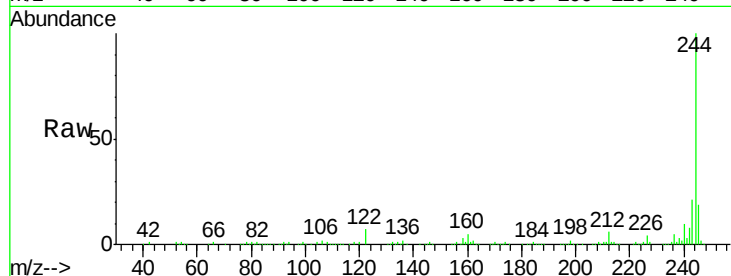
#78
 Terphenyl-d14
 Concen: 73.66 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB82420BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	7.4	7.1	10.7

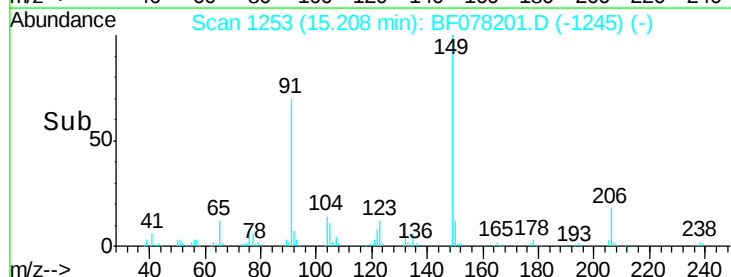
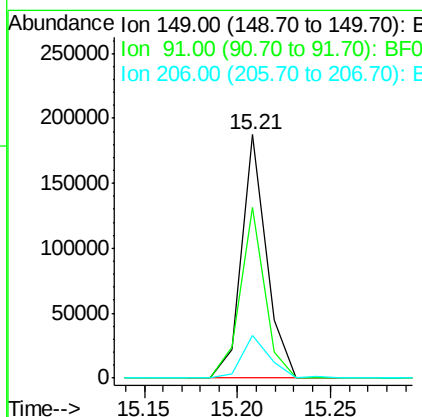
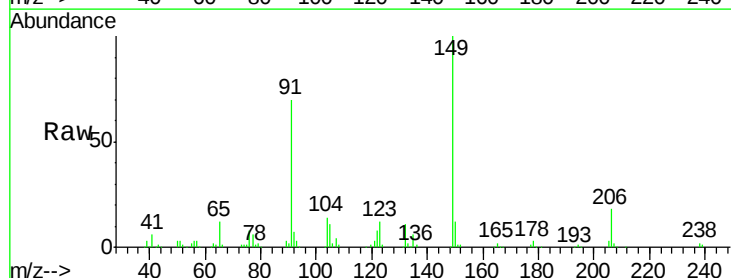
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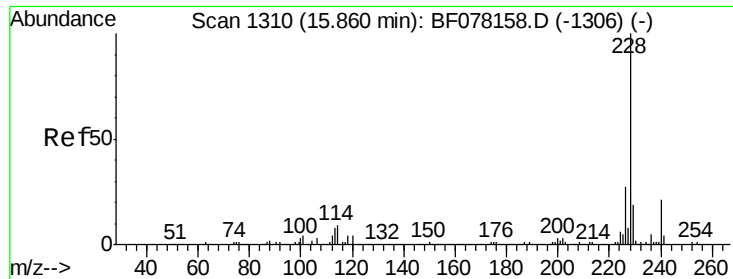
apatel
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#79
 Butylbenzylphthalate
 Concen: 45.77 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF078201.D
 Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	64.2	96.2
206	17.7	12.6	18.8





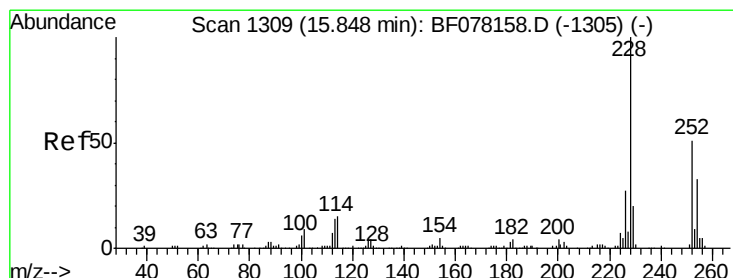
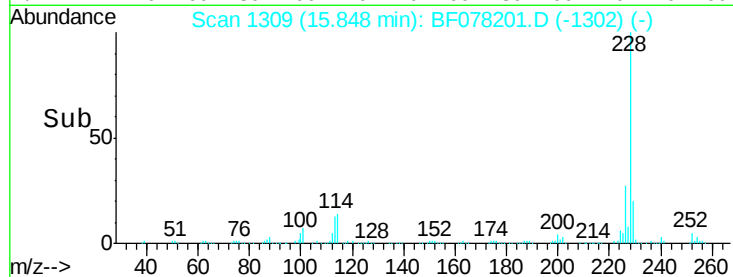
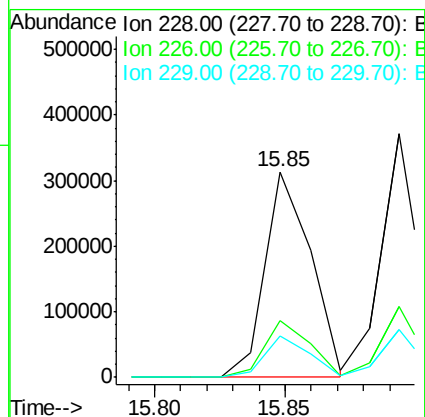
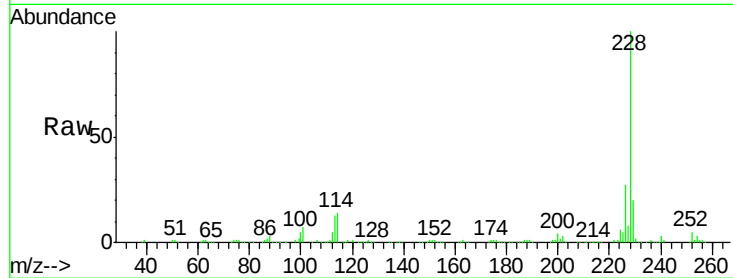
#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.4		21.3	31.9	
229	19.9		15.4	23.2	

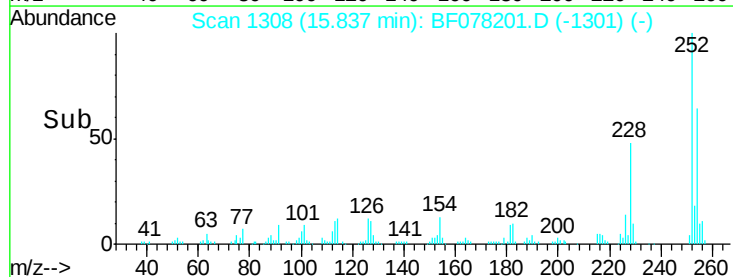
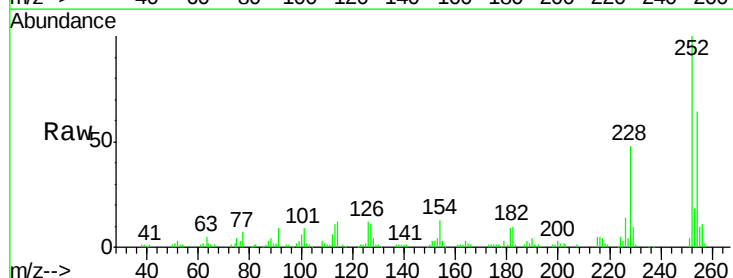
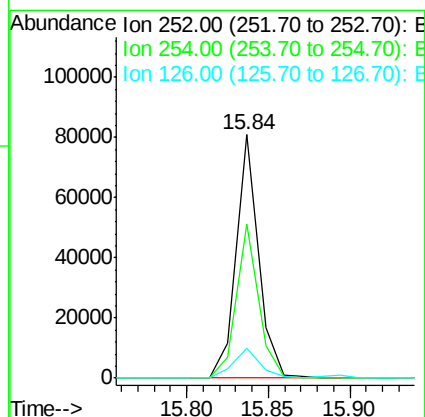
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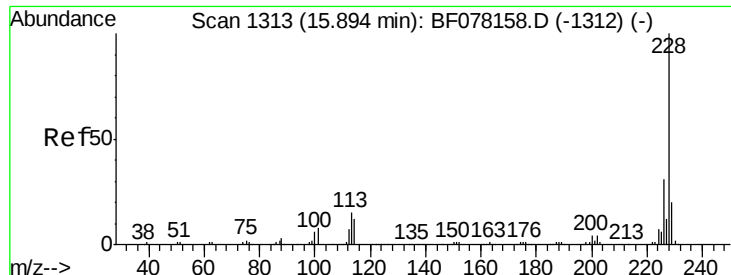
apatel
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#81
3,3'-Dichlorobenzidine
Concen: 23.83 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	63.5		51.2	76.8	
126	12.1		6.3	9.5	





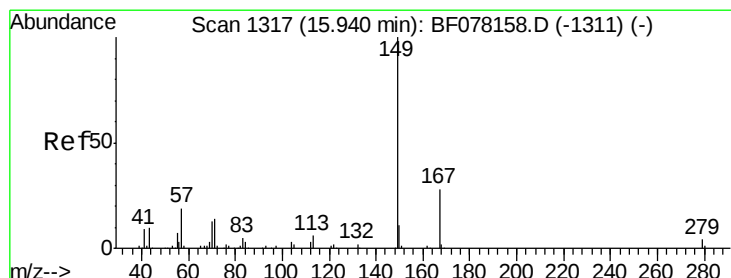
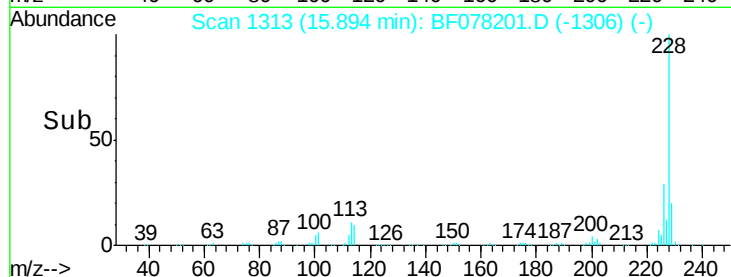
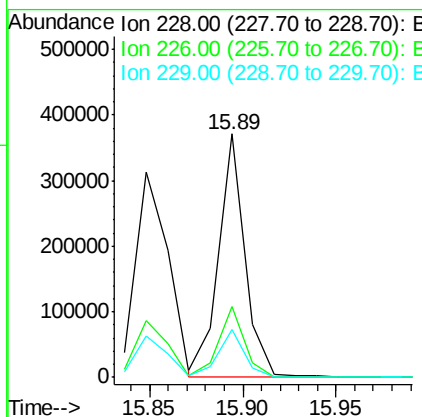
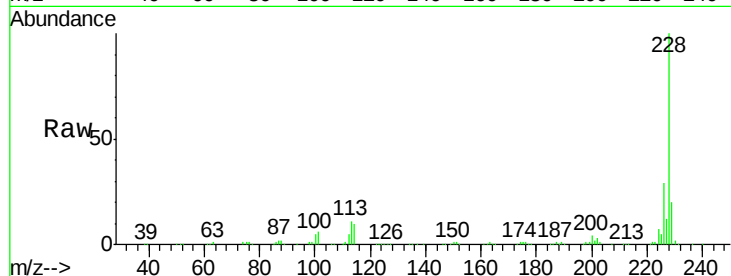
#82
Chrysene
Concen: 40.64 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	364198		
226	29.2		24.2	36.4
229	19.8		15.8	23.8

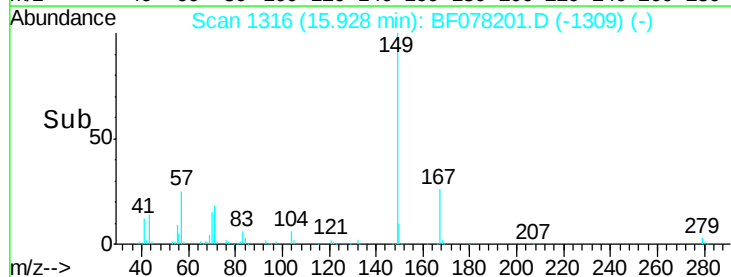
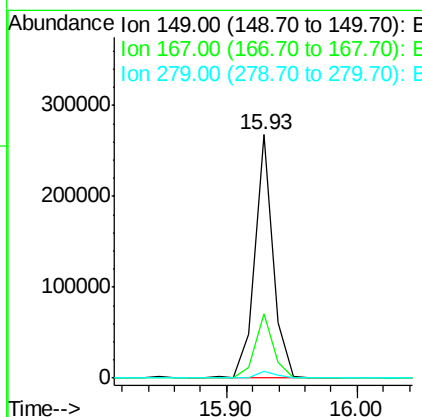
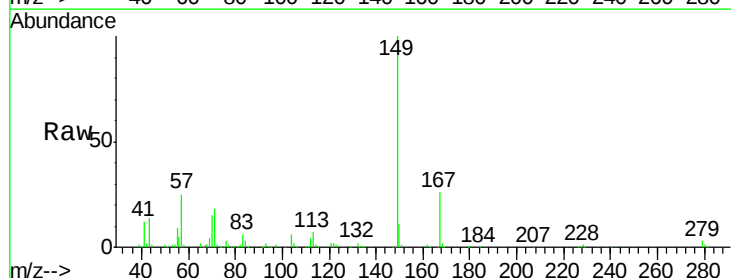
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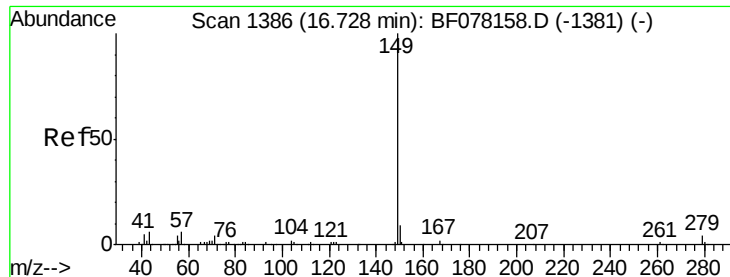
apatel
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#83
Bis(2-ethylhexyl)phthalate
Concen: 43.62 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	262398		
167	26.3		22.2	33.2
279	3.0		3.2	4.8#





#84

Di-n-octyl phthalate

Concen: 45.94 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.07 min

Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Instrument :

BNA_F

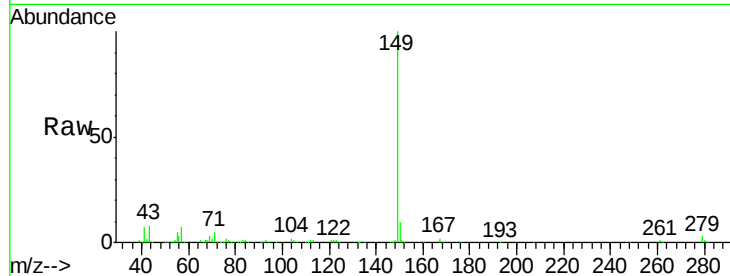
ClientSampleId :

PB82420BS

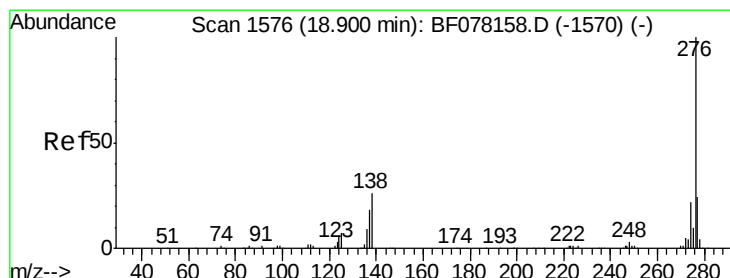
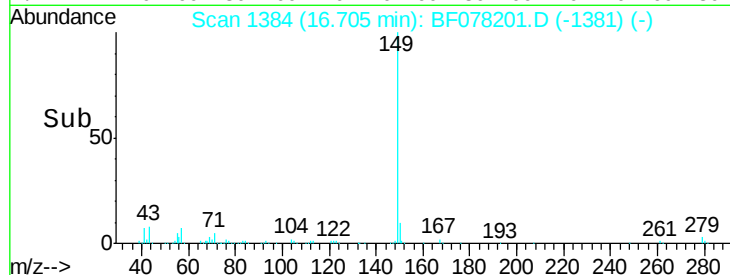
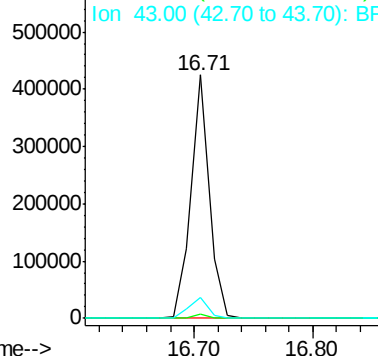
Tot Ion:	149	Resp:	453796
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.3	0.0	0.0#

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.62 ng

RT: 18.85 min Scan# 1572

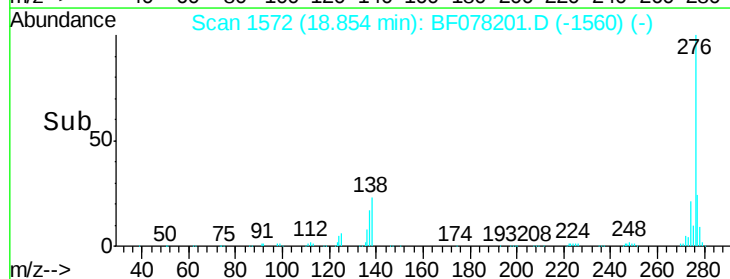
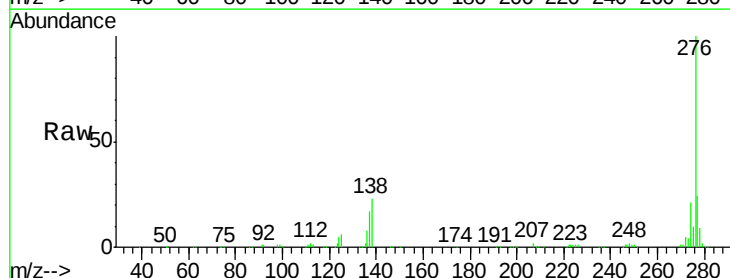
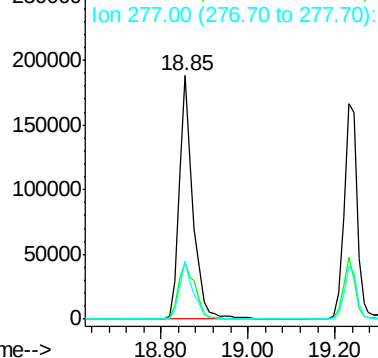
Delta R.T. -0.16 min

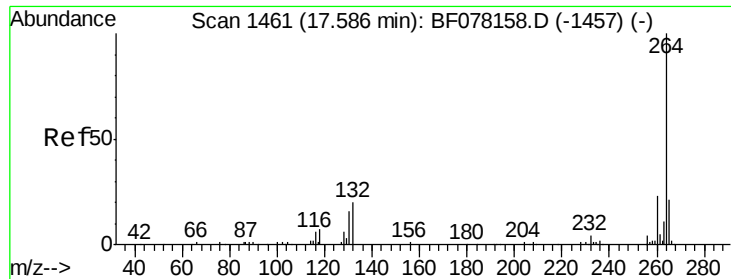
Lab File: BF078201.D

Acq: 2 Apr 2015 15:56

Tgt Ion:	276	Resp:	413032
Ion Ratio	Lower	Upper	
276	100		
138	29.2	16.9	25.3#
277	24.3	15.8	23.6#

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





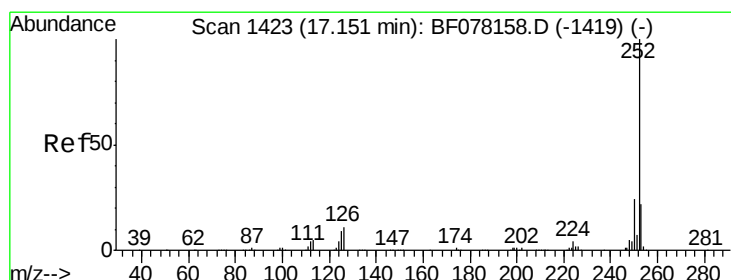
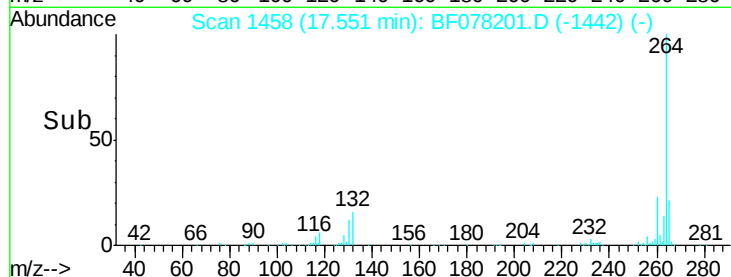
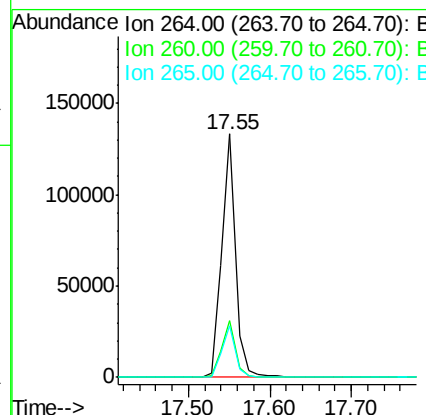
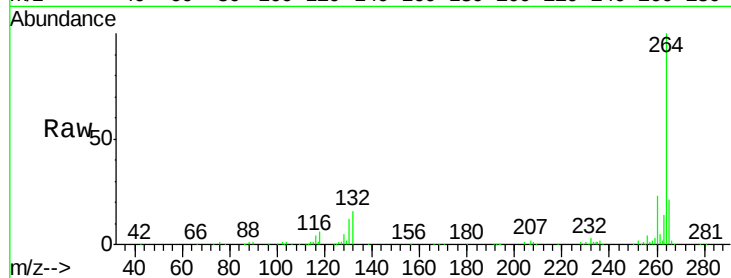
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.11 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.2	17.0	25.6

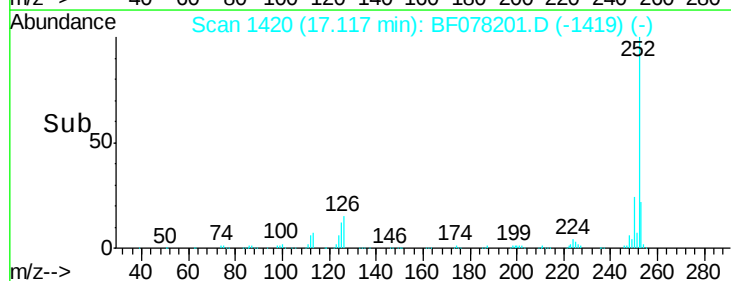
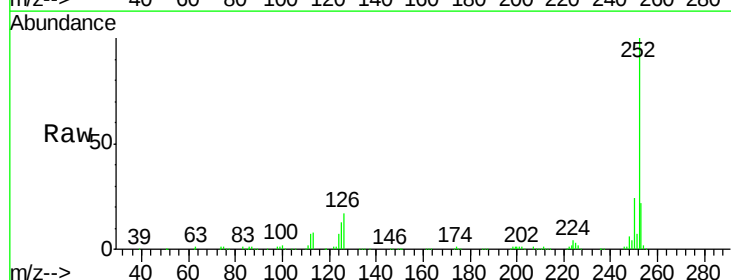
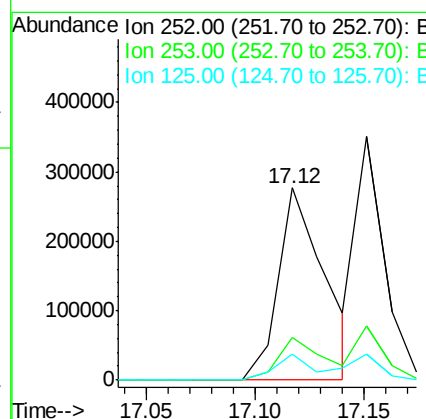
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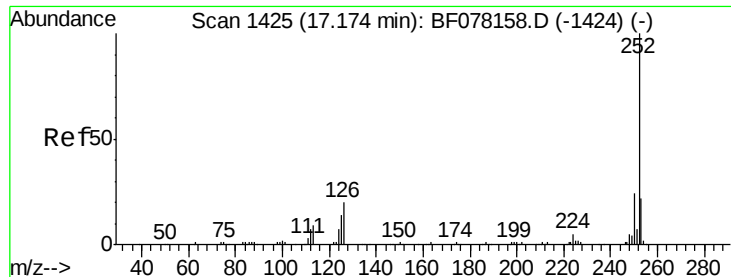
apatel
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#87
Benzo(b)fluoranthene
Concen: 42.70 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.09 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	13.3	7.0	10.4#





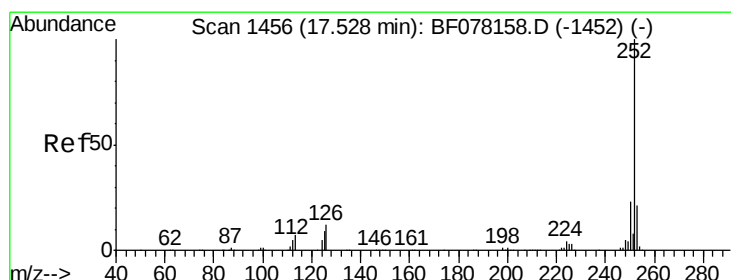
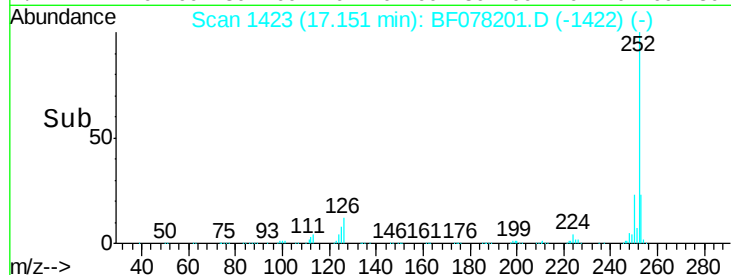
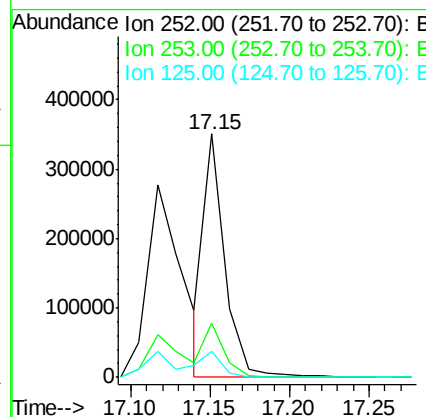
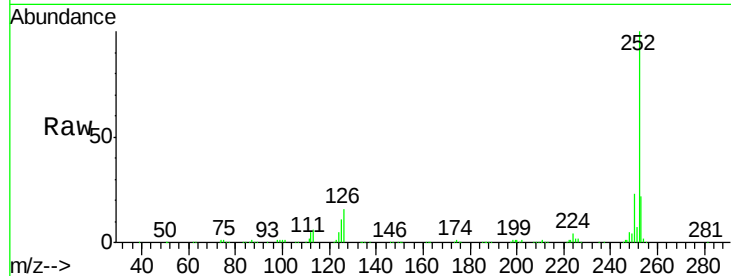
#88
Benzo(k)fluoranthene
Concen: 37.89 ng m
RT: 17.15 min Scan# 1423
Delta R.T. -0.09 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampleId :
PB82420BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.8	11.6	17.4#

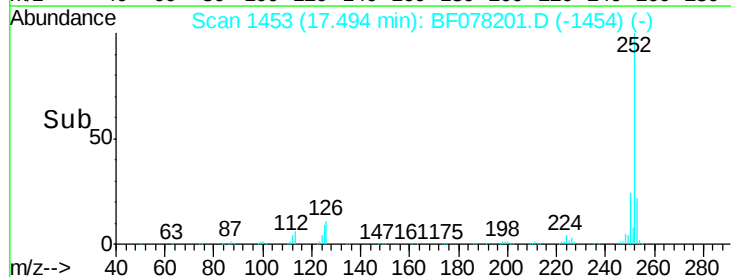
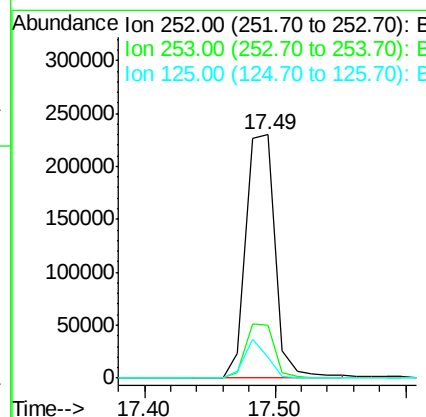
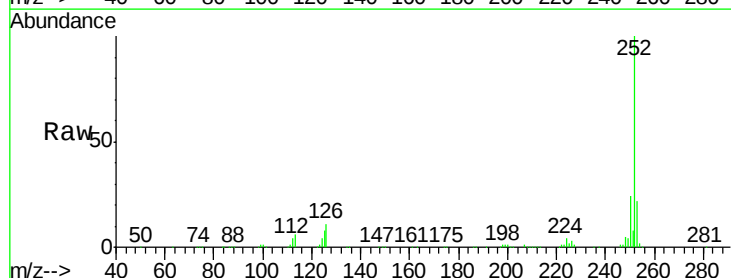
Manual Integrations
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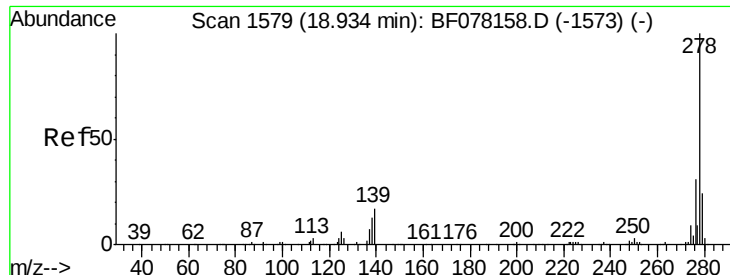
apatel
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#89
Benzo(a)pyrene
Concen: 42.40 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.11 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	8.4	7.4	11.0





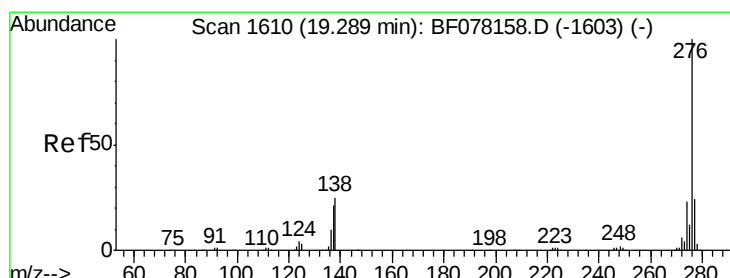
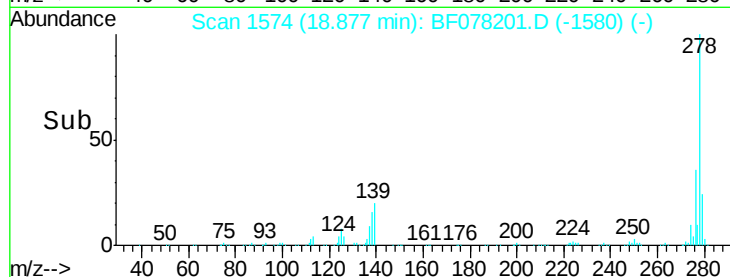
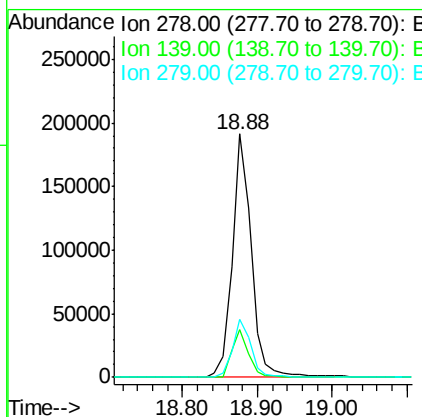
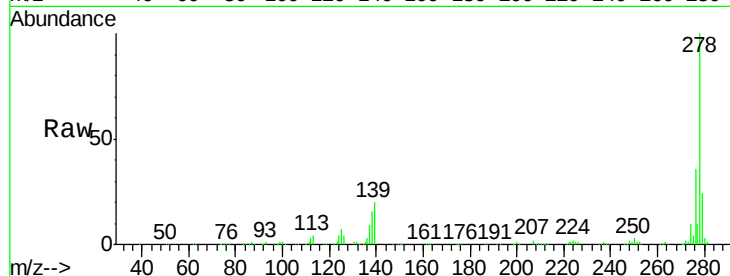
#90
Dibenzo(a,h)anthracene
Concen: 40.17 ng m
RT: 18.88 min Scan# 1574
Delta R.T. -0.17 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Instrument :
BNA_F
ClientSampled :
PB82420BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.6	20.4
279	23.7	19.0	28.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 39.19 ng
RT: 19.23 min Scan# 1605
Delta R.T. -0.17 min
Lab File: BF078201.D
Acq: 2 Apr 2015 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	28.7	19.9	29.9

