

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077210.D
 Acq On : 6 Feb 2015 19:45
 Operator : TP/IZ
 Sample : PB81634BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Manual Integrations
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 2/9/2015 1:35:46 PM

Quant Time: Feb 09 11:56:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 23:44:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29589	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	121230	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	58768	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	112896	20.00	ng	0.00
75) Chrysene-d12	21.05	240	110974	20.00	ng	0.00
86) Perylene-d12	22.68	264	95803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.66	112	135677	75.39	ng	0.00
7) Phenol-d6	7.05	99	171431	75.51	ng	0.00
23) Nitrobenzene-d5	8.96	82	155760	71.18	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	40699	85.32	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	326119	84.45	ng	0.00
78) Terphenyl-d14	19.79	244	360877	74.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.10	88	19818	25.72	ng	# 82
3) Pyridine	1.54	79	54559	27.36	ng	99
4) n-Nitrosodimethylamine	1.50	42	24008	24.31	ng	93
6) Aniline	6.93	93	41934	13.35	ng	96
8) 2-Chlorophenol	7.17	128	58704	28.30	ng	95
10) Phenol	7.08	94	64035	26.56	ng	95
11) bis(2-Chloroethyl)ether	7.18	93	55159	29.24	ng	88
12) 1,3-Dichlorobenzene	7.48	146	64673	27.40	ng	93
13) 1,4-Dichlorobenzene	7.68	146	65999	26.37	ng	98
14) 1,2-Dichlorobenzene	8.00	146	63200	27.40	ng	94
15) Benzyl Alcohol	8.10	79	51976	28.29	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	74241	29.28	ng	87
17) 2-Methylphenol	8.45	107	45040	26.56	ng	97
18) Hexachloroethane	8.74	117	24730	28.41	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	42961	27.03	ng	98
20) 3+4-Methylphenols	8.84	107	54753	24.39	ng	89
22) Acetophenone	8.65	105	86844	29.25	ng	99
24) Nitrobenzene	8.99	77	59163	26.54	ng	98
25) Isophorone	9.60	82	111903	28.08	ng	# 95
26) 2-Nitrophenol	9.73	139	27143	24.67	ng	# 80
27) 2,4-Dimethylphenol	10.02	122	50087	29.06	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	71518	31.57	ng	98
29) 2,4-Dichlorophenol	10.35	162	40681	25.32	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	50723	28.42	ng	94
31) Naphthalene	10.60	128	179030	28.68	ng	97
32) Benzoic acid	10.55	122	8647m	9.05	ng	
33) 4-Chloroaniline	10.87	127	33469	13.27	ng	96
34) Hexachlorobutadiene	10.97	225	30187	28.51	ng	98
35) Caprolactam	11.71	113	13401m	28.33	ng	
36) 4-Chloro-3-methylphenol	12.17	107	50466	27.43	ng	95
37) 2-Methylnaphthalene	12.26	142	126812	29.75	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	48099	33.10	ng	97
40) Hexachlorocyclopentadiene	12.64	237	44508	58.23	ng	99
42) 2,4,6-Trichlorophenol	13.01	196	30606	28.91	ng	99

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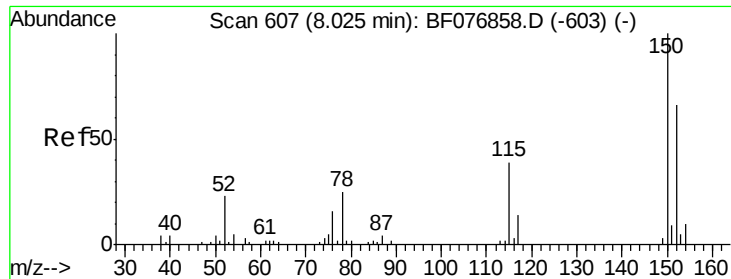
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	25860	23.95	ng	# 90
45) 1,1'-Biphenyl	13.40	154	150019	34.43	ng	96
46) 2-Chloronaphthalene	13.38	162	117573	32.79	ng	98
47) 2-Nitroaniline	13.73	65	35545	32.68	ng	98
48) Acenaphthylene	14.33	152	193274	31.96	ng	99
49) Dimethylphthalate	14.29	163	143368	34.40	ng	99
50) 2,6-Dinitrotoluene	14.39	165	28806	34.59	ng	97
51) Acenaphthene	14.75	154	108474	31.62	ng	96
52) 3-Nitroaniline	14.74	138	21657	20.98	ng	91
53) 2,4-Dinitrophenol	15.04	184	12476	38.99	ng	89
54) Dibenzofuran	15.17	168	173917	34.80	ng	99
55) 4-Nitrophenol	15.36	139	28672	43.89	ng	88
56) 2,4-Dinitrotoluene	15.32	165	40306	32.98	ng	# 92
57) Fluorene	15.94	166	139641	32.98	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	22065	28.07	ng	# 92
59) Diethylphthalate	15.95	149	150722	35.78	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	59248	34.20	ng	95
61) 4-Nitroaniline	16.10	138	28111	27.41	ng	93
62) Azobenzene	16.33	77	155453	35.42	ng	97
64) 4,6-Dinitro-2-methylphenol	16.18	198	15839	23.63	ng	78
65) n-Nitrosodiphenylamine	16.29	169	117036	29.07	ng	97
66) 4-Bromophenyl-phenylether	16.91	248	34222	29.92	ng	# 88
67) Hexachlorobenzene	16.92	284	34822	28.89	ng	91
68) Atrazine	17.30	200	40457	33.12	ng	94
69) Pentachlorophenol	17.30	266	22117	43.46	ng	96
70) Phenanthrene	17.57	178	202348	28.74	ng	99
71) Anthracene	17.65	178	203640	29.66	ng	98
72) Carbazole	17.95	167	194332	29.18	ng	98
73) Di-n-butylphthalate	18.55	149	253495	32.89	ng	99
74) Fluoranthene	19.23	202	216945	30.07	ng	98
76) Benzidine	19.48	184	84799	23.88	ng	98
77) Pyrene	19.51	202	221810	29.16	ng	100
79) Butylbenzylphthalate	20.45	149	109994	31.93	ng	96
80) Benzo(a)anthracene	21.04	228	196654	28.24	ng	99
81) 3,3'-Dichlorobenzidine	21.05	252	42492	19.20	ng	# 94
82) Chrysene	21.08	228	187216	29.49	ng	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	157659	33.08	ng	97
84) Di-n-octyl phthalate	21.95	149	269517	32.58	ng	99
85) Indeno(1,2,3-cd)pyrene	23.76	276	187501	27.86	ng	# 83
87) Benzo(b)fluoranthene	22.28	252	193758	30.03	ng	# 93
88) Benzo(k)fluoranthene	22.31	252	169387m	30.05	ng	
89) Benzo(a)pyrene	22.63	252	174789	30.71	ng	98
90) Dibenzo(a,h)anthracene	23.78	278	155299	29.74	ng	# 95
91) Benzo(g,h,i)perylene	24.02	276	154079	29.68	ng	97

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



#1

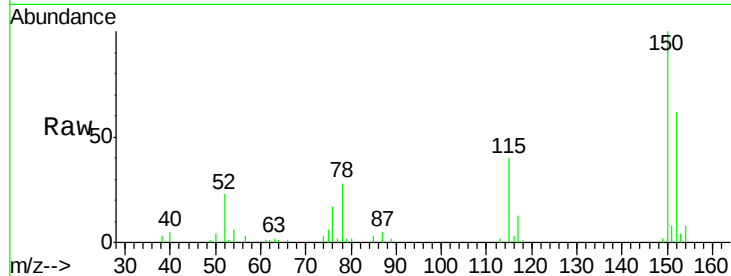
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

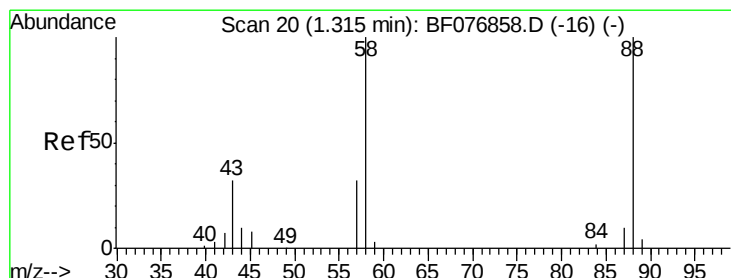
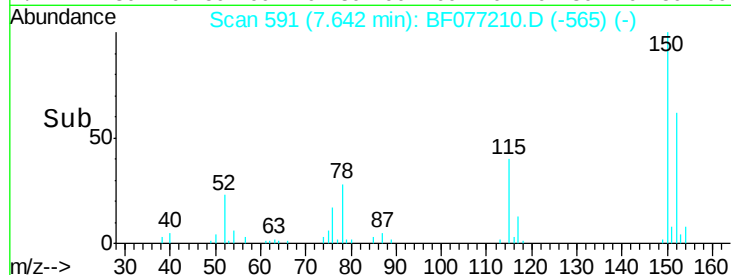
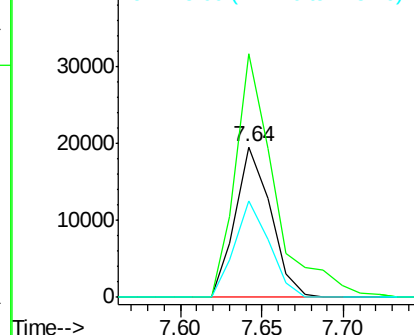
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	121.7	182.5
115	64.0	47.0	70.6

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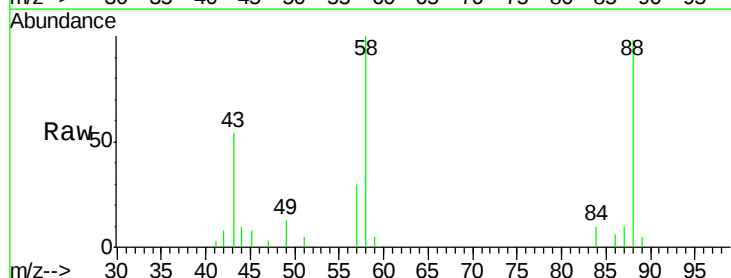
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



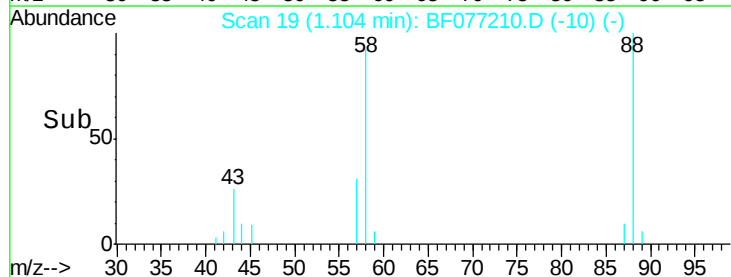
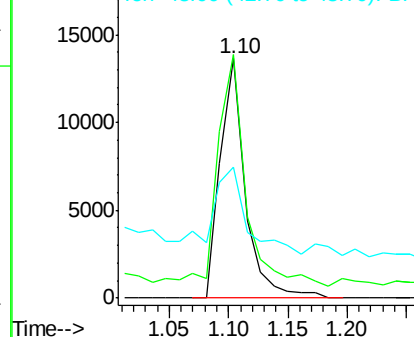
#2

1,4-Dioxane
Concen: 25.72 ng
RT: 1.10 min Scan# 19
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.8	77.0	115.4
43	50.0	25.6	38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.36 ng

RT: 1.54 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

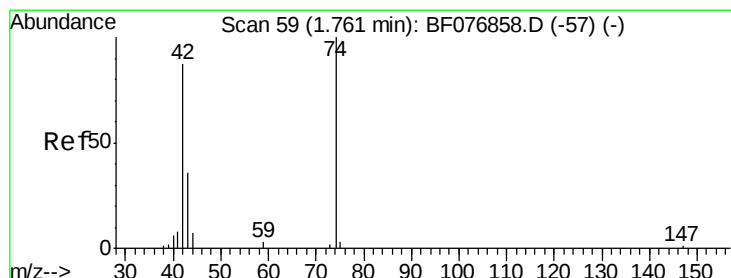
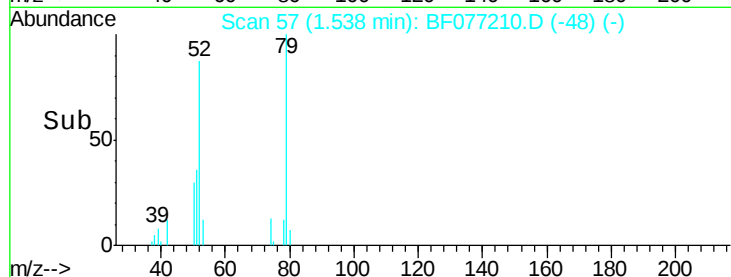
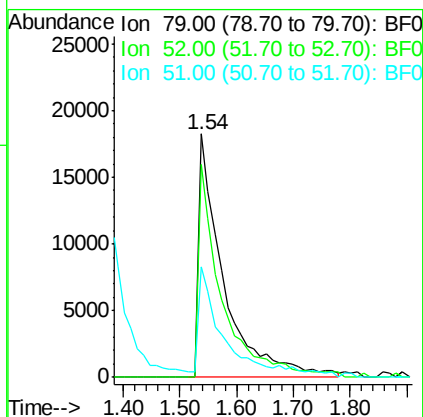
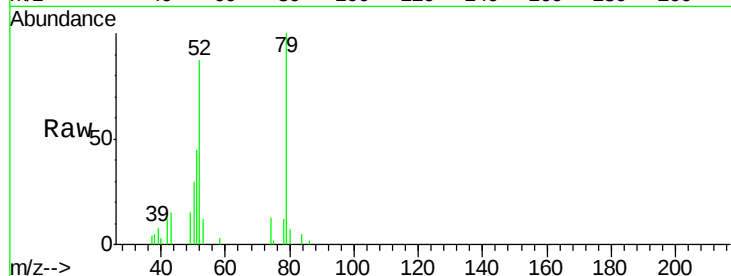
ClientSampleId :

PB81634BS

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Tgt Ion:	79	Resp:	54559
Ion	Ratio	Lower	Upper
79	100		
52	87.4	70.1	105.1
51	45.1	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 24.31 ng

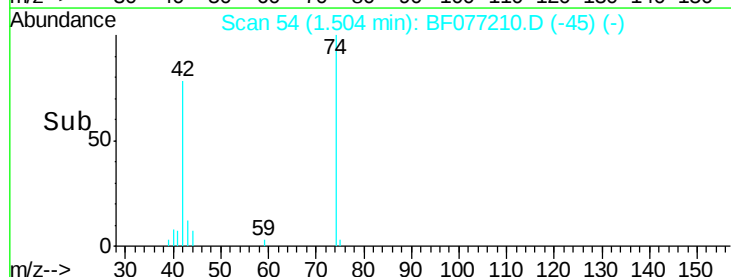
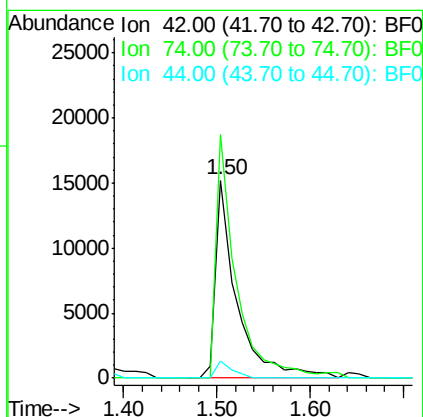
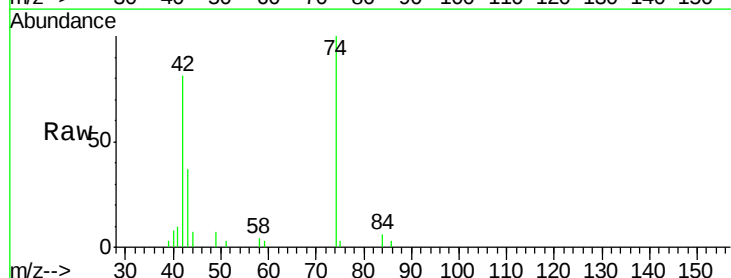
RT: 1.50 min Scan# 54

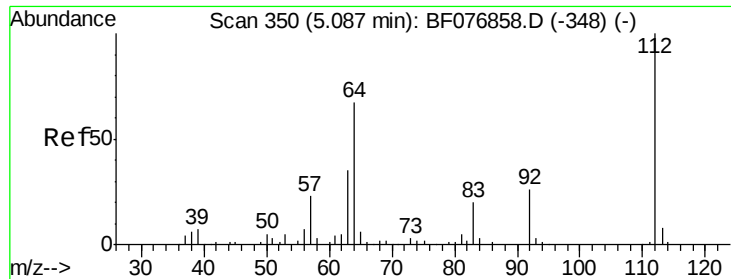
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	42	Resp:	24008
Ion	Ratio	Lower	Upper
42	100		
74	123.1	92.4	138.6
44	8.4	6.2	9.2





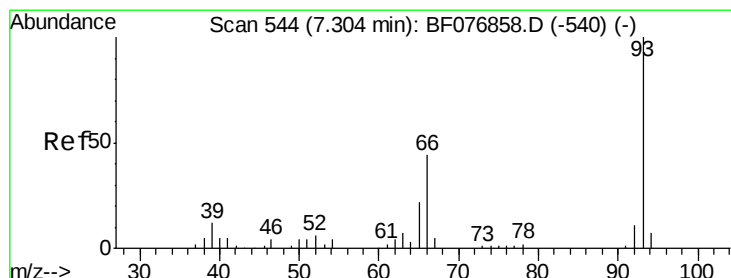
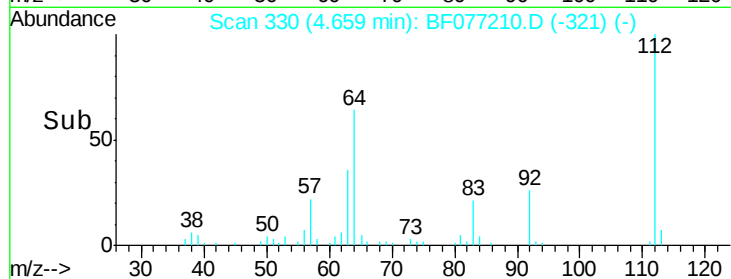
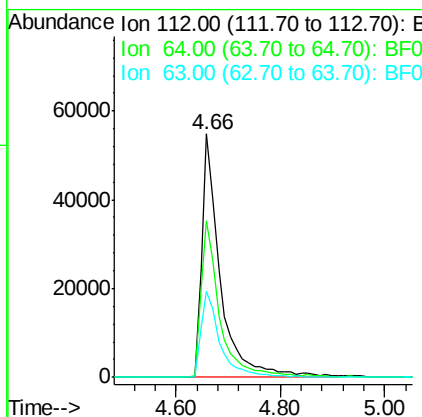
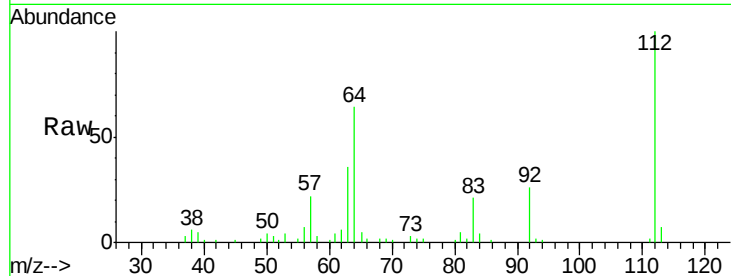
#5
2-Fluorophenol
Concen: 75.39 ng
RT: 4.66 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.4	54.2	81.4
63	35.6	28.4	42.6

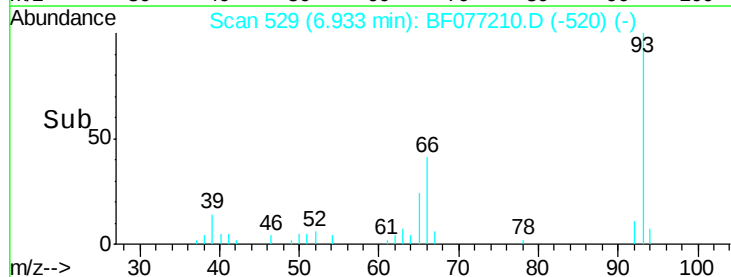
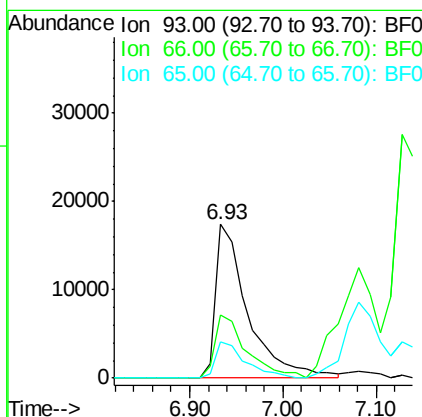
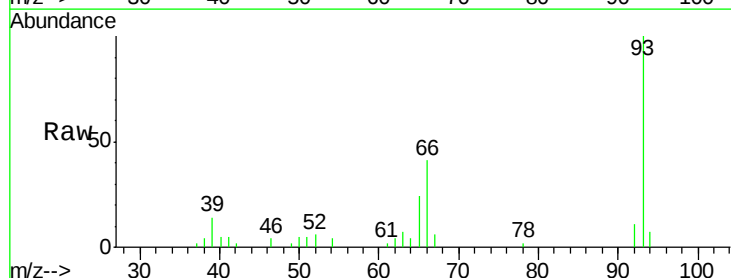
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#6
Aniline
Concen: 13.35 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.3	35.0	52.4
65	23.8	17.7	26.5





#7

Phenol-d6

Concen: 75.51 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

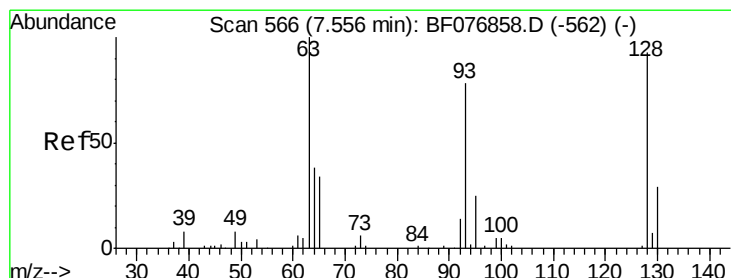
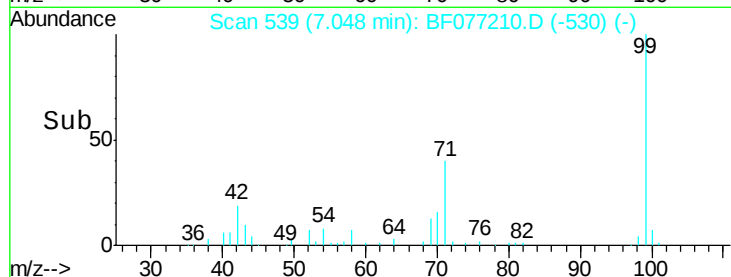
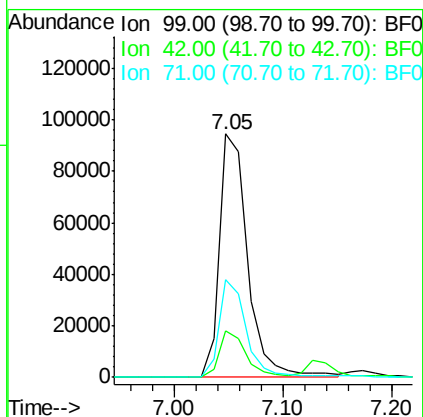
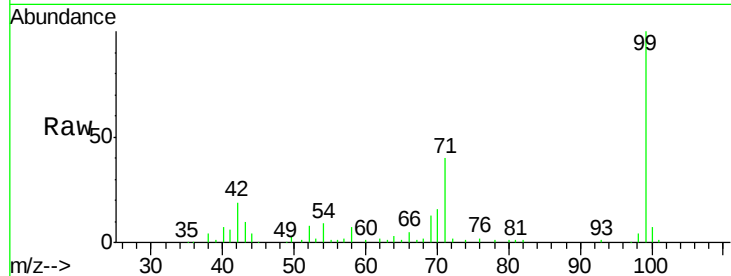
ClientSampleId :

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Tgt Ion:	99	Resp:	171431
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.0	22.4
71	39.9	30.5	45.7

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#8

2-Chlorophenol

Concen: 28.30 ng

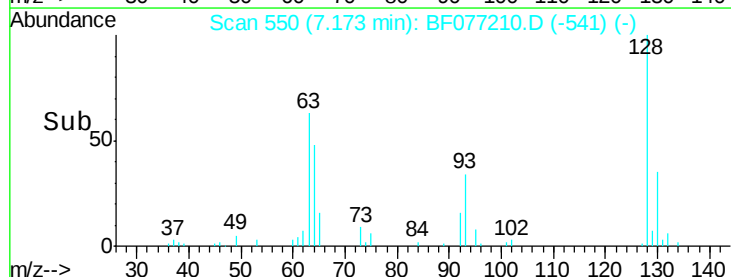
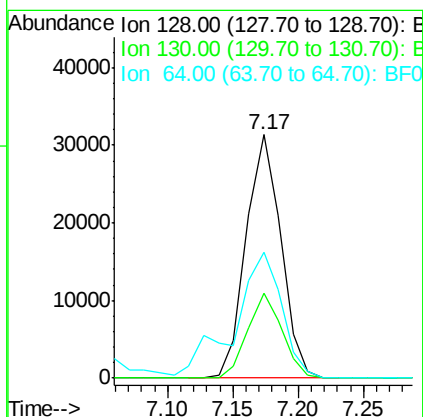
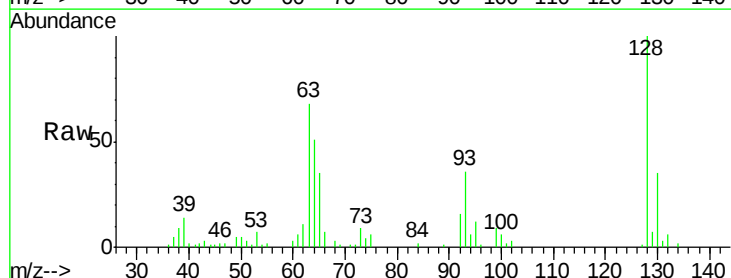
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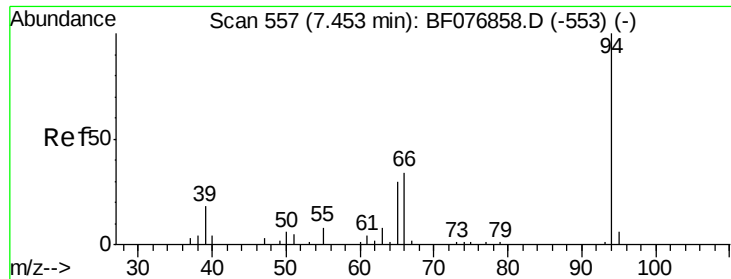
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	128	Resp:	58704
Ion Ratio	Lower	Upper	
128	100		
130	35.1	11.0	51.0
64	51.5	29.3	69.3





#10

Phenol

Concen: 26.56 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

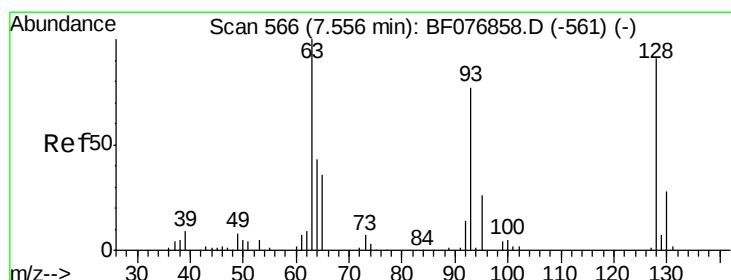
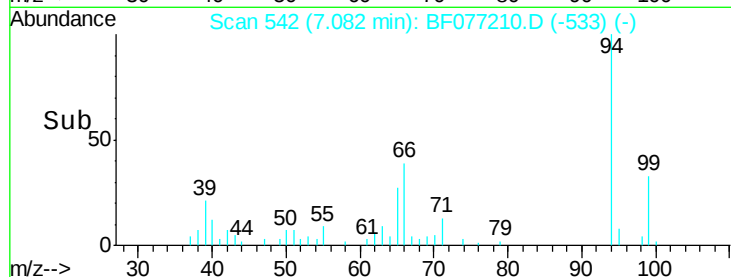
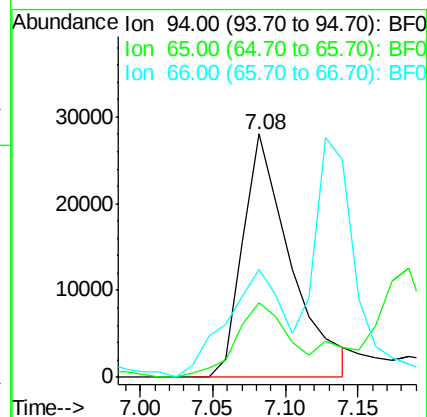
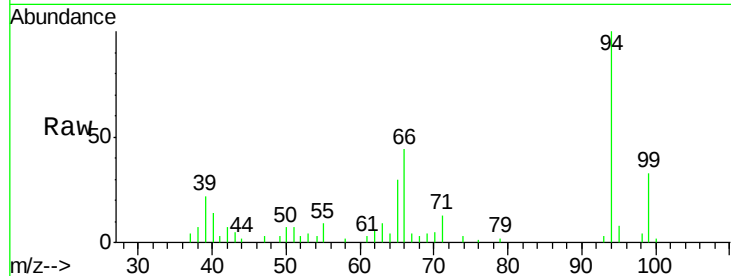
ClientSampleId :

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Tgt Ion:	94	Resp:	64035
Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.3	51.3
66	44.4	19.5	59.5

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#11

bis(2-Chloroethyl)ether

Concen: 29.24 ng

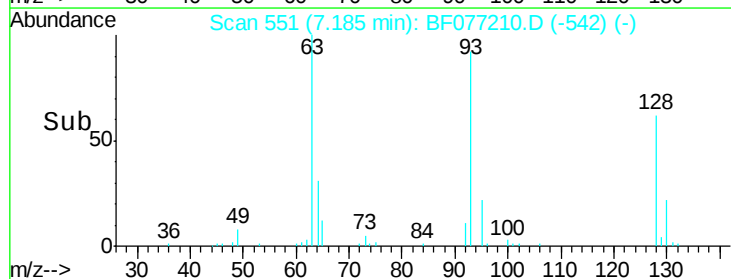
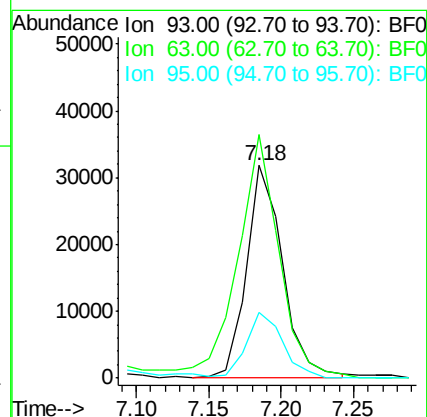
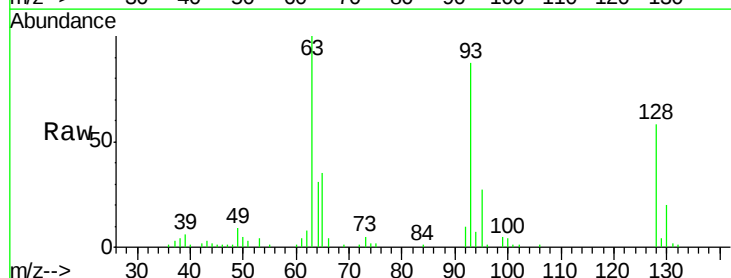
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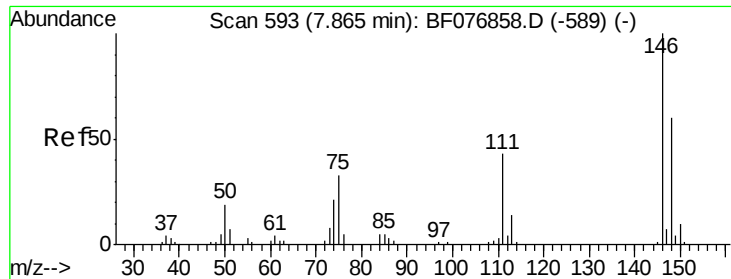
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	55159
Ion	Ratio	Lower	Upper
93	100		
63	114.6	111.3	151.3
95	31.2	13.8	53.8





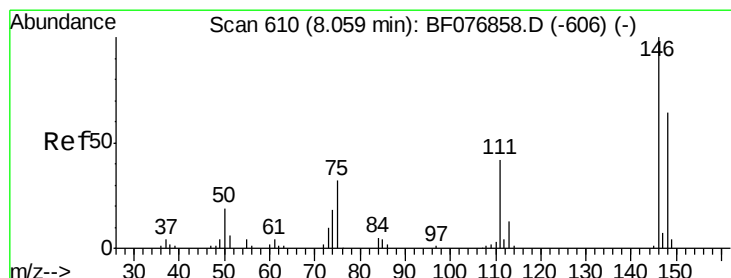
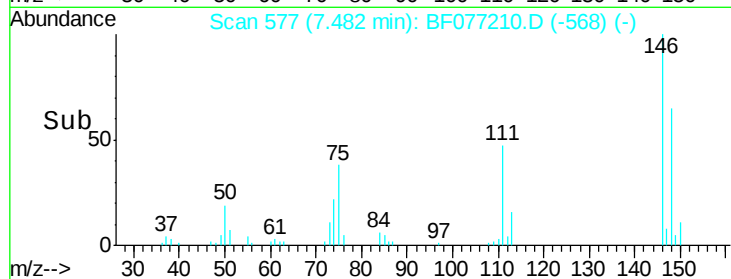
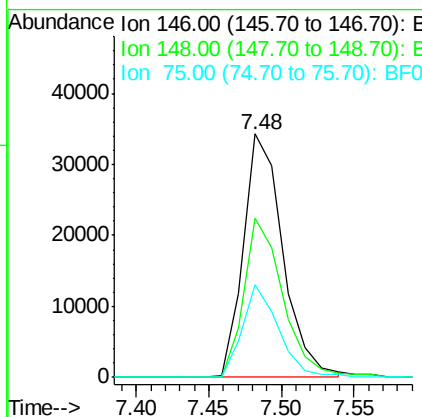
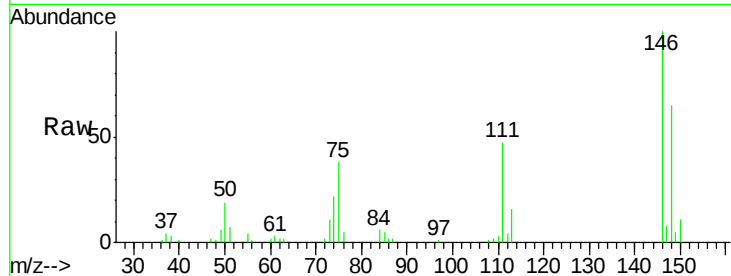
#12
 1,3-Dichlorobenzene
 Concen: 27.40 ng
 RT: 7.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	64673		
148	65.5	48.1	72.1	
75	38.1	26.8	40.2	

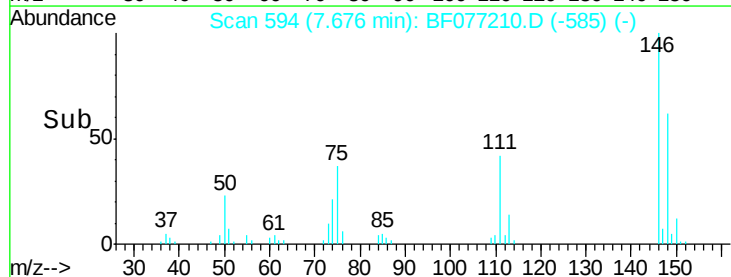
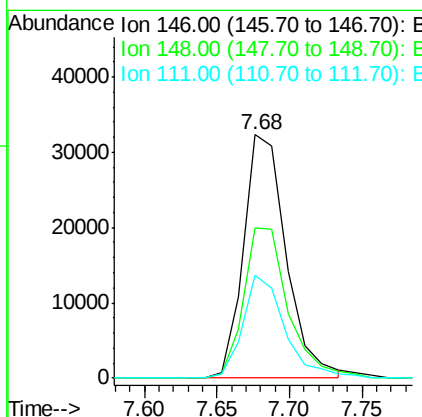
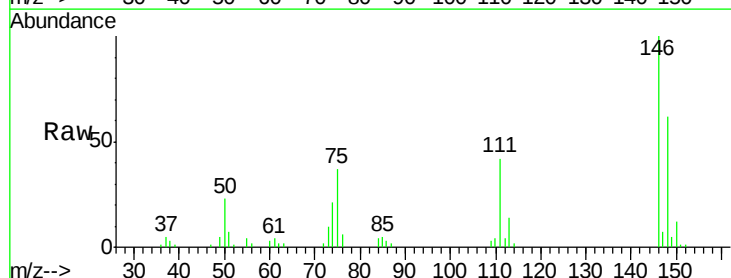
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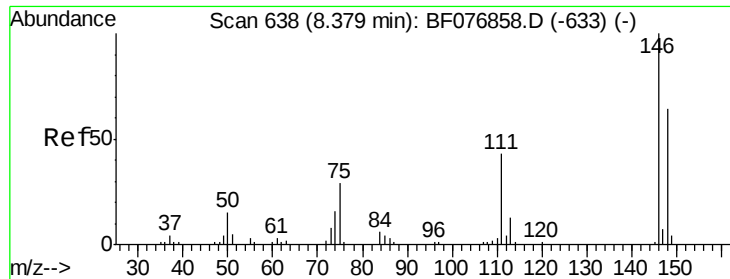
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#13
 1,4-Dichlorobenzene
 Concen: 26.37 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	65999		
148	61.6	51.5	77.3	
111	42.5	33.9	50.9	





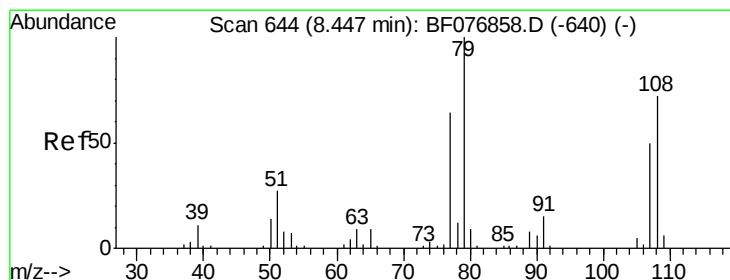
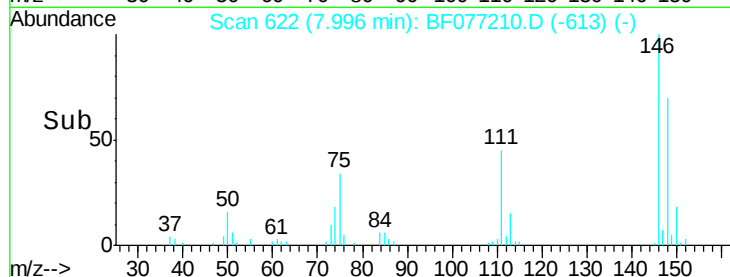
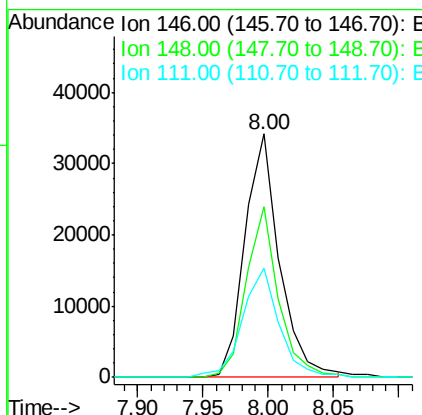
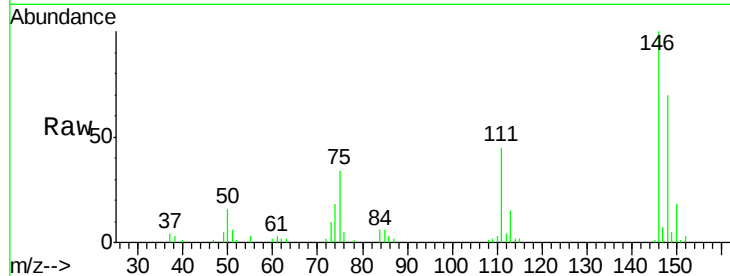
#14
1,2-Dichlorobenzene
Concen: 27.40 ng
RT: 8.00 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.9	51.3	76.9
111	45.1	34.5	51.7

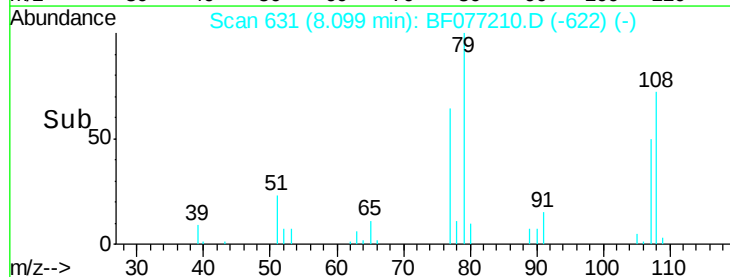
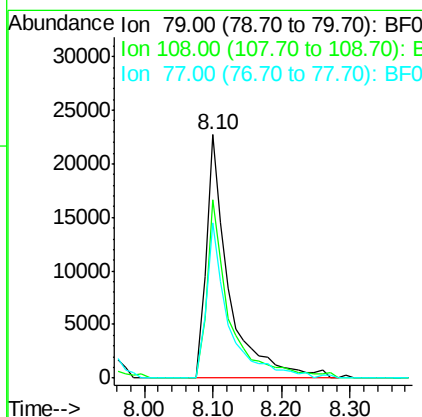
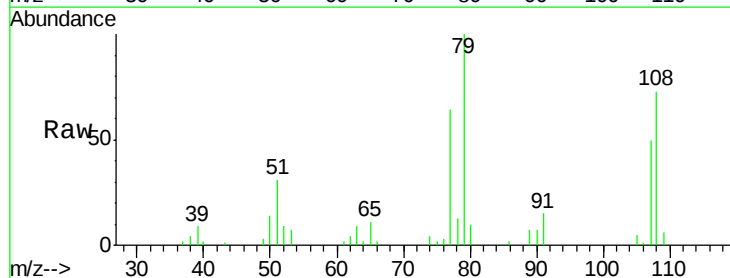
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#15
Benzyl Alcohol
Concen: 28.29 ng
RT: 8.10 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.2	57.2	85.8
77	63.9	51.2	76.8





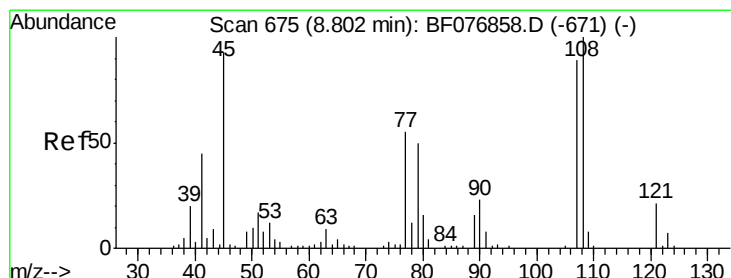
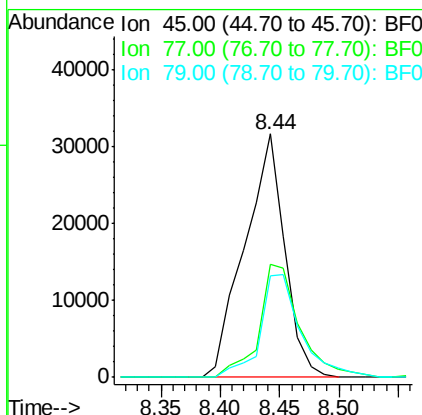
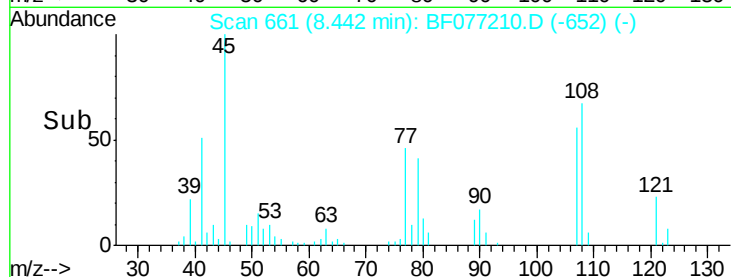
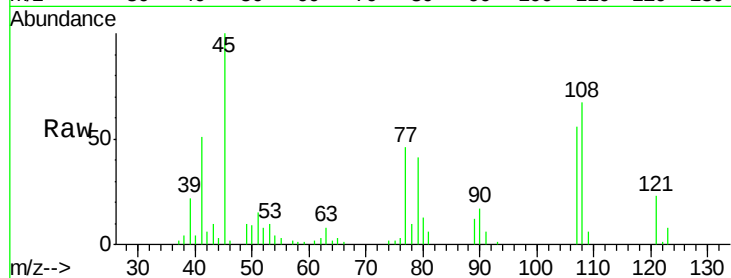
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 29.28 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion: 45 Resp: 74241
 Ion Ratio Lower Upper
 45 100
 77 46.4 36.1 76.1
 79 41.5 30.5 70.5

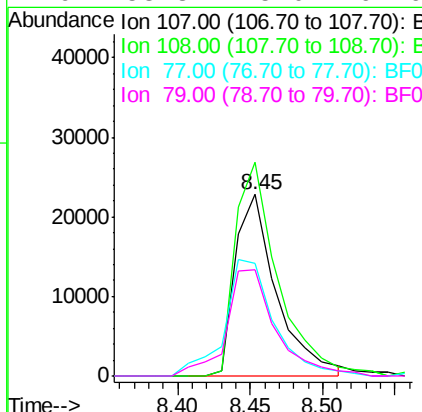
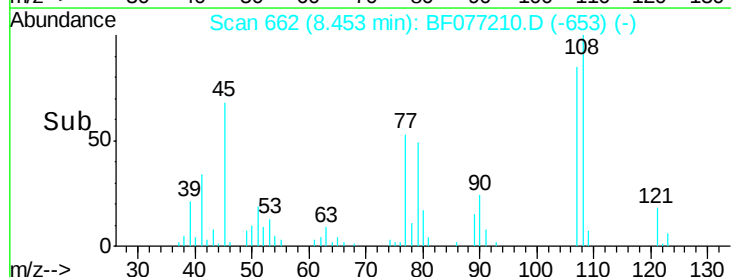
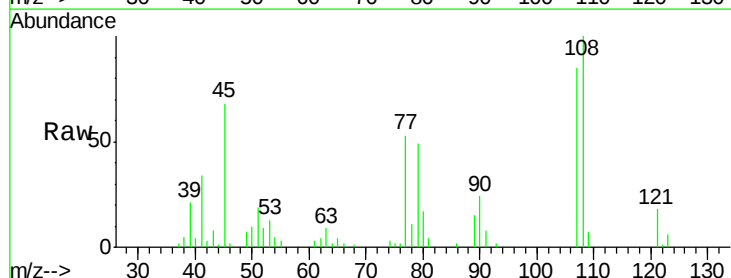
Manual Integrations
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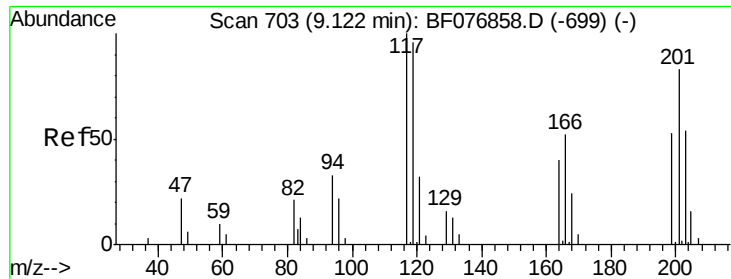
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#17
 2-Methylphenol
 Concen: 26.56 ng
 RT: 8.45 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion: 107 Resp: 45040
 Ion Ratio Lower Upper
 107 100
 108 117.9 89.7 134.5
 77 62.0 50.1 75.1
 79 58.3 45.0 67.6





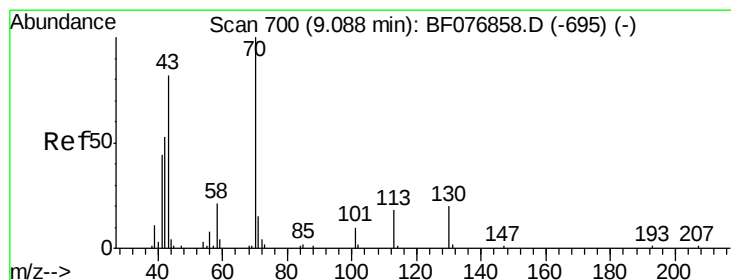
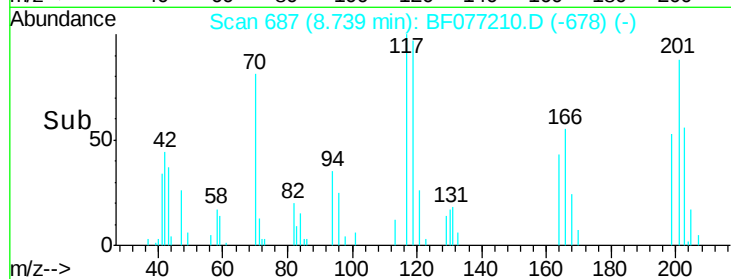
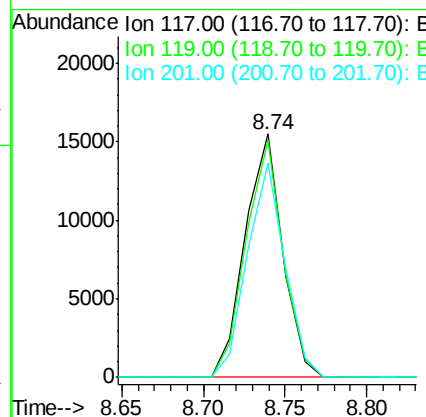
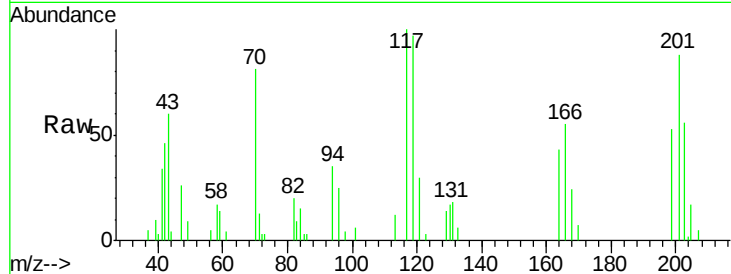
#18
Hexachloroethane
Concen: 28.41 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion:117 Resp: 24730
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7
201 88.0 66.8 100.2

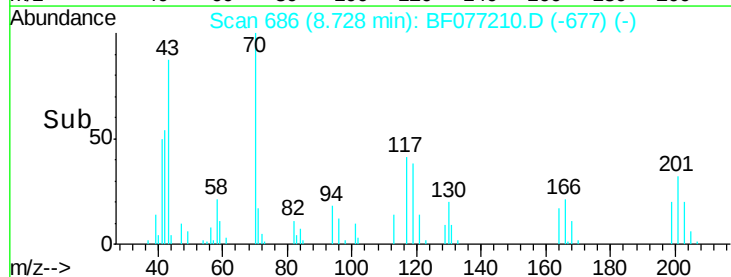
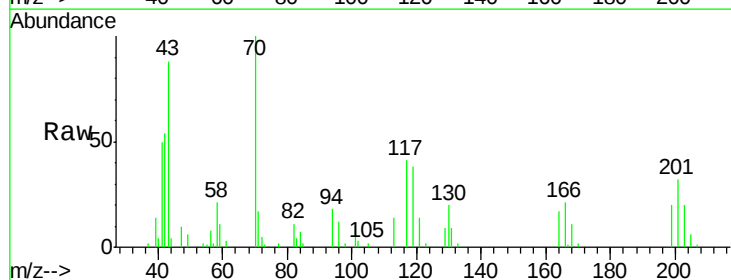
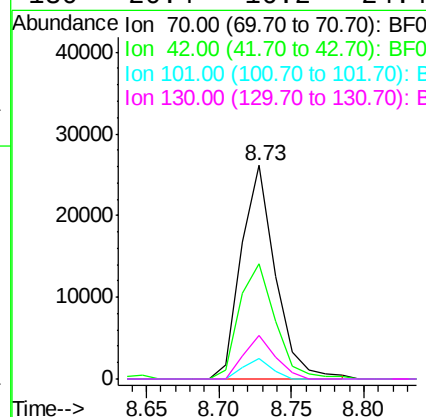
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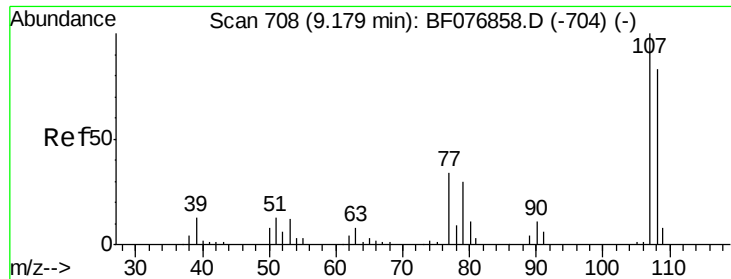
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#19
n-Nitroso-di-n-propylamine
Concen: 27.03 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

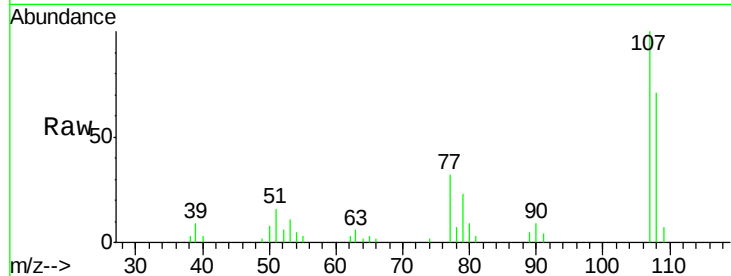
Tgt Ion: 70 Resp: 42961
Ion Ratio Lower Upper
70 100
42 54.1 42.1 63.1
101 9.6 7.8 11.8
130 20.4 16.2 24.4





#20
3+4-Methylphenols
Concen: 24.39 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

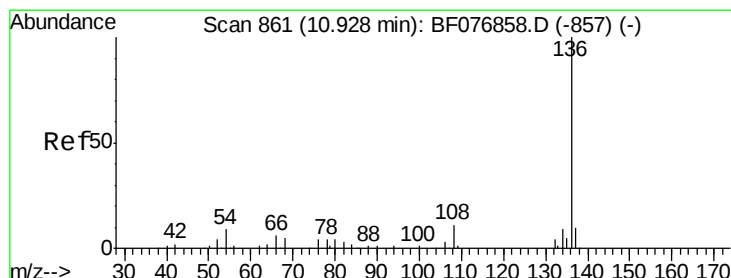
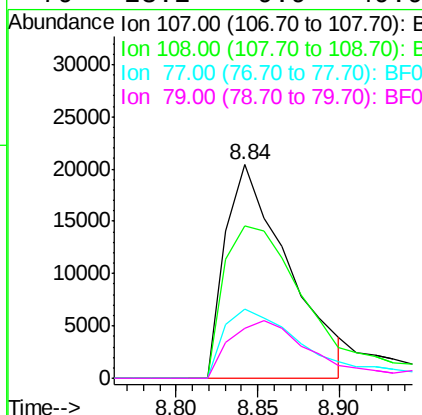
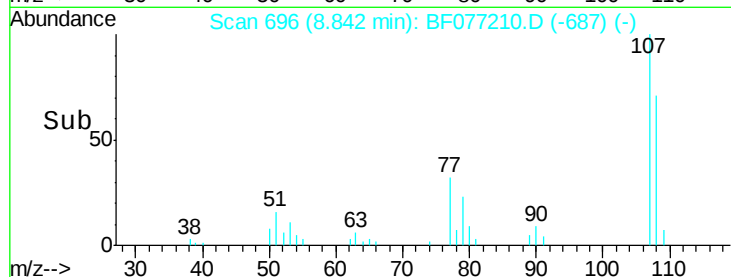
Instrument :
BNA_F
ClientSampleId :
PB81634BS



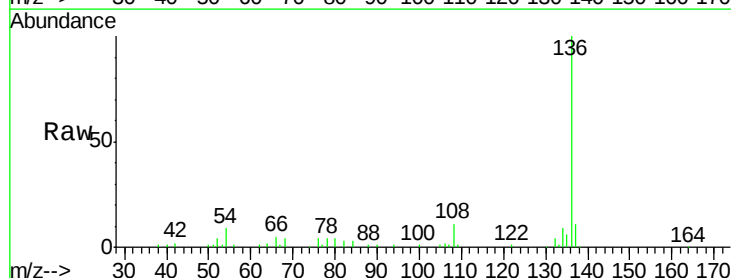
Tgt Ion:	107	Resp:	54753
Ion Ratio	Lower	Upper	
107	100		
108	71.4	63.5	103.5
77	32.3	14.0	54.0
79	23.2	9.9	49.9

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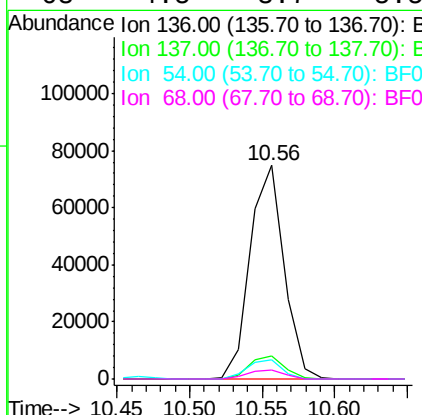
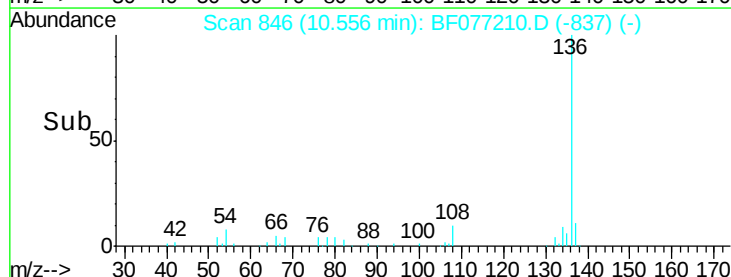
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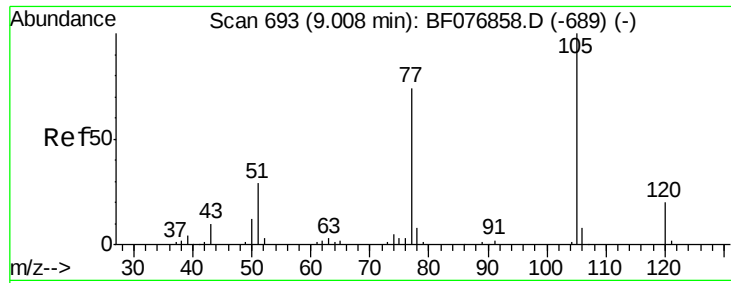


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45



Tgt Ion:	136	Resp:	121230
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.1	12.1
54	9.0	7.0	10.4
68	4.5	3.7	5.5





#22

Acetophenone

Concen: 29.25 ng

RT: 8.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF077210.D

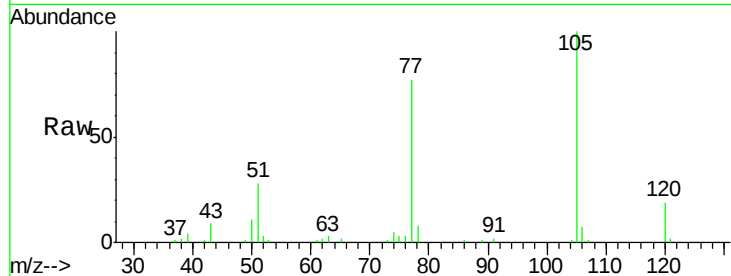
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

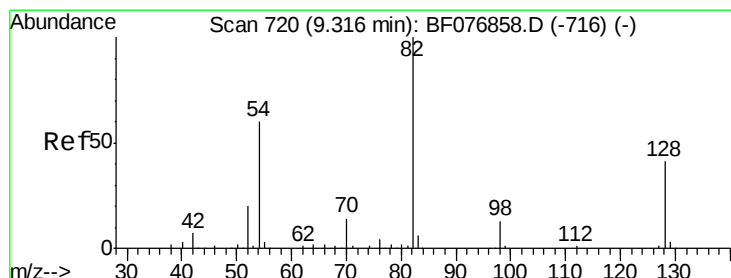
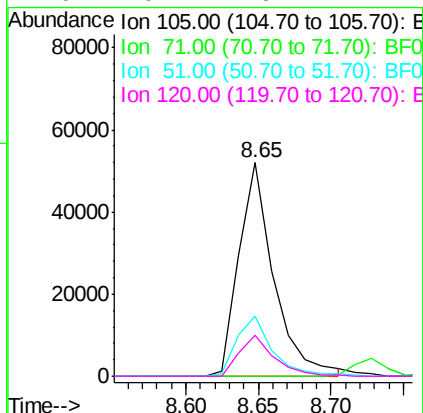
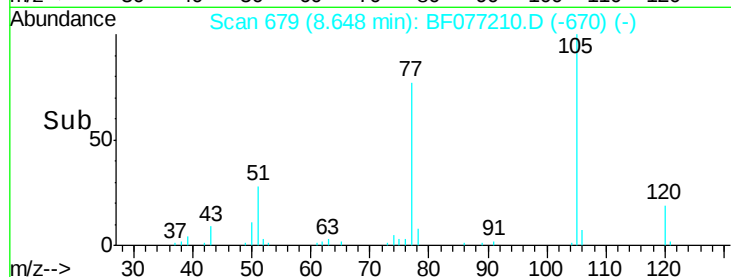
PB81634BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	86844		
71	71	0.0	0.0	0.0	0.0
51	51	28.5	23.3	34.9	
120	120	19.2	16.1	24.1	

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#23

Nitrobenzene-d5

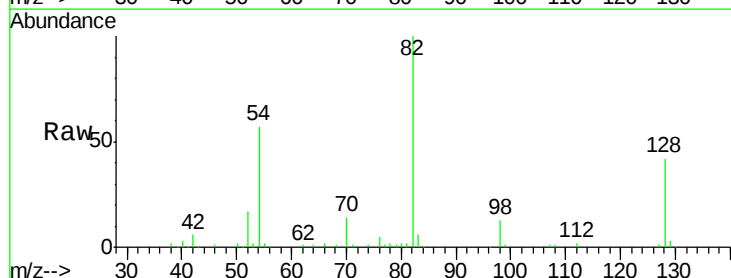
Concen: 71.18 ng

RT: 8.96 min Scan# 706

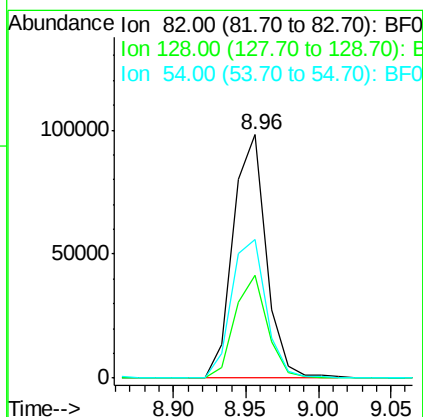
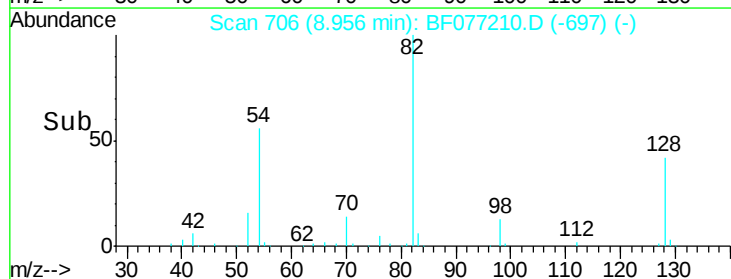
Delta R.T. 0.00 min

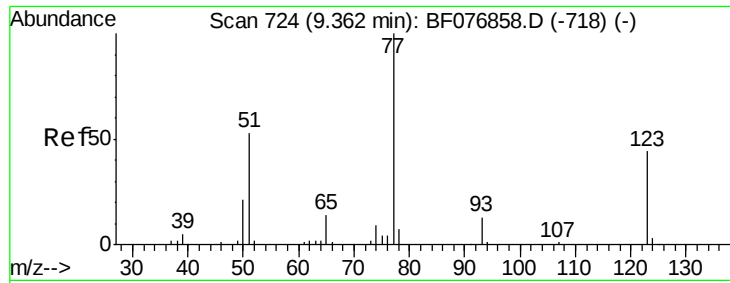
Lab File: BF077210.D

Acq: 6 Feb 2015 19:45



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	155760		
128	128	42.5	33.1	49.7	
54	54	56.9	48.3	72.5	





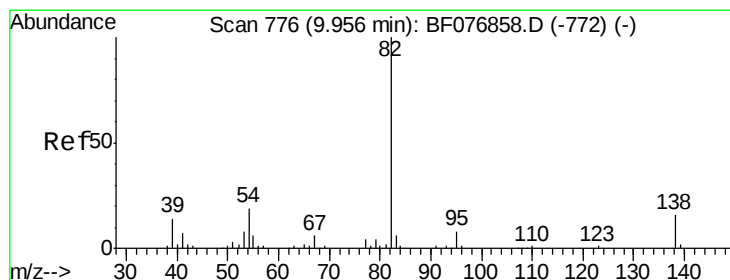
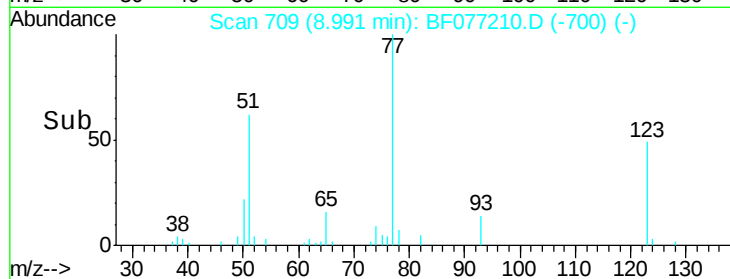
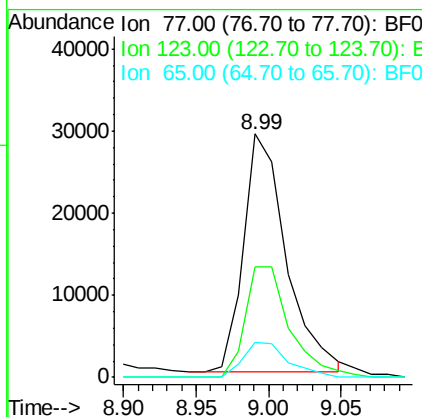
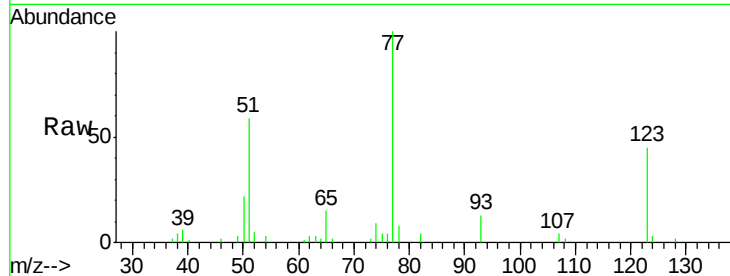
#24
 Nitrobenzene
 Concen: 26.54 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion:	77	Resp:	59163
Ion Ratio	Lower	Upper	
77	100		
123	45.5	35.2	52.8
65	14.6	11.4	17.2

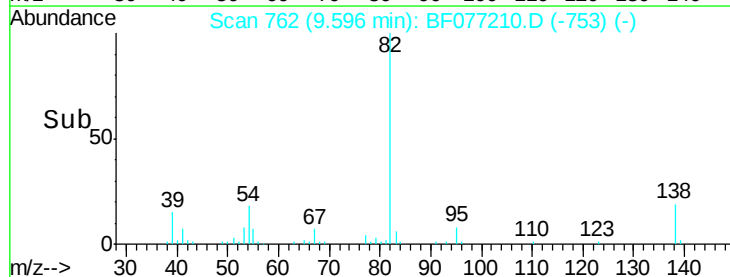
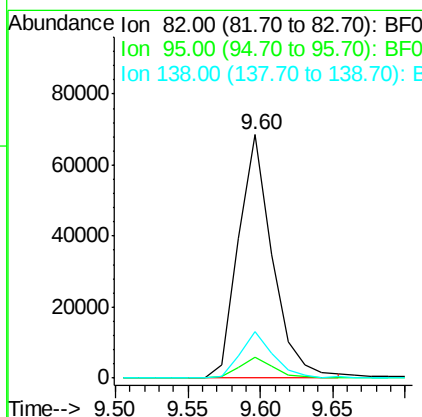
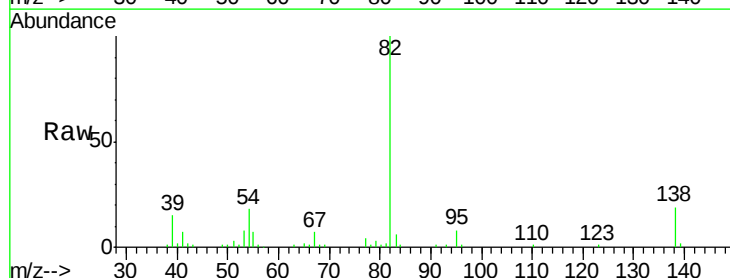
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#25
 Isophorone
 Concen: 28.08 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion:	82	Resp:	111903
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.6	10.0
138	18.9	12.6	18.8#





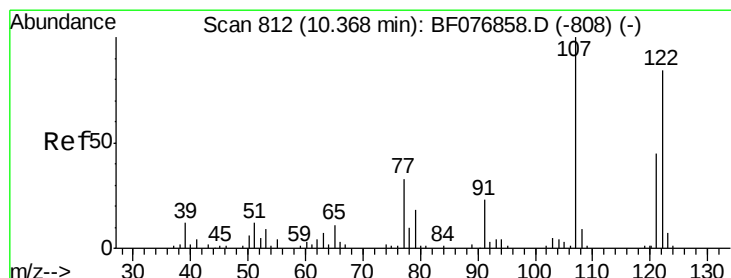
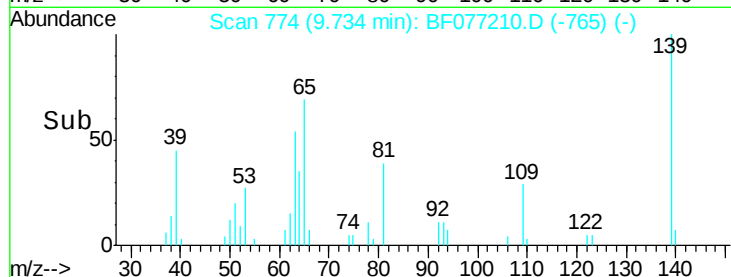
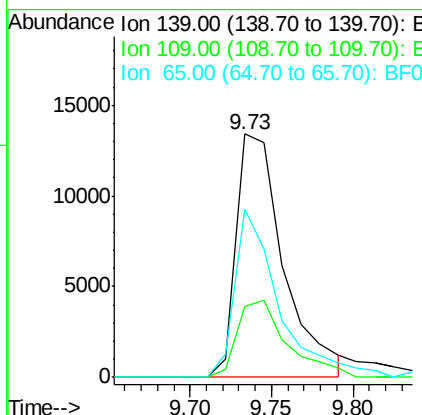
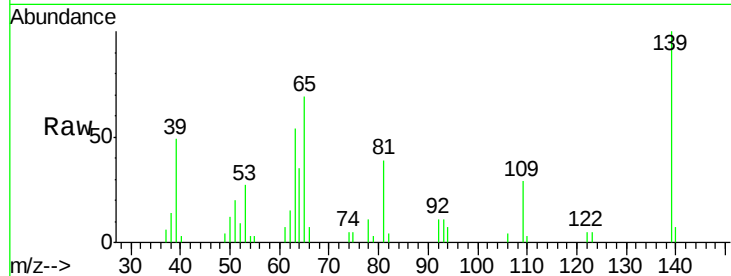
#26
2-Nitrophenol
Concen: 24.67 ng
RT: 9.73 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	27143		
109	28.9	21.3	31.9	
65	68.8	39.4	59.0	

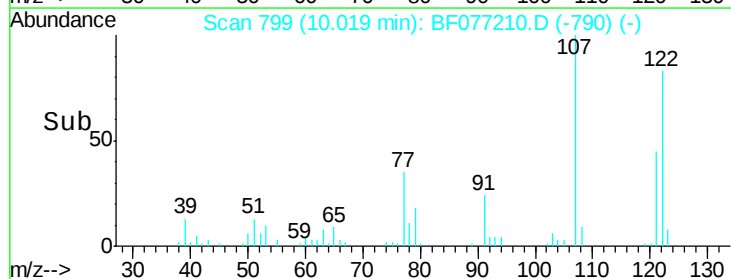
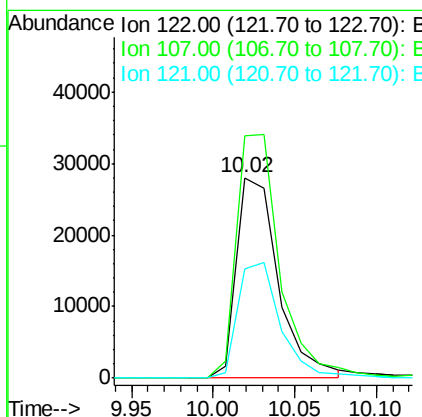
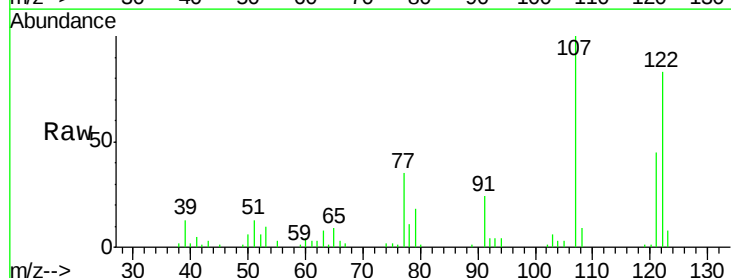
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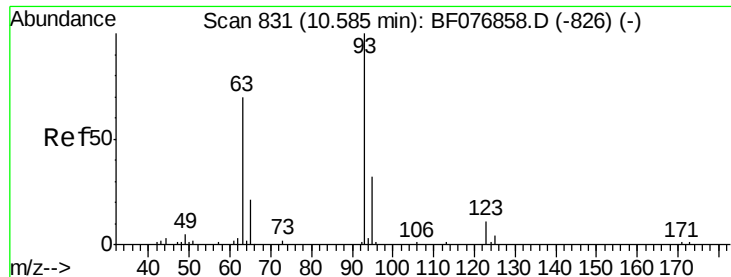
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#27
2,4-Dimethylphenol
Concen: 29.06 ng
RT: 10.02 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	50087		
107	120.6	95.2	142.8	
121	54.7	42.9	64.3	





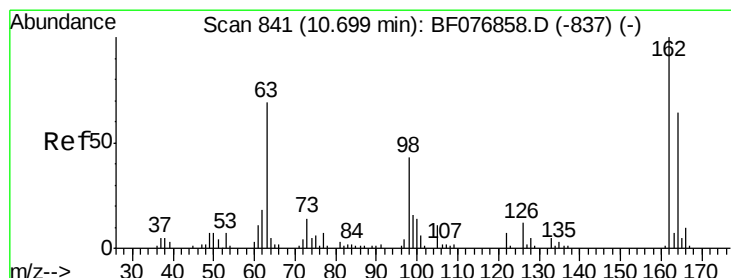
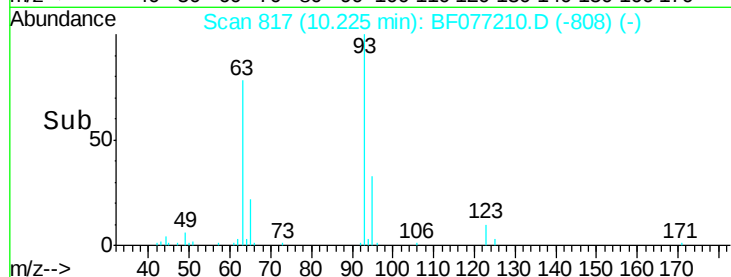
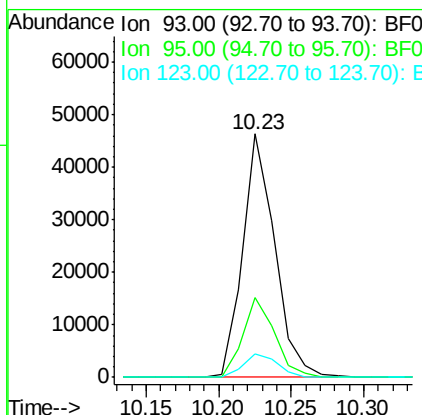
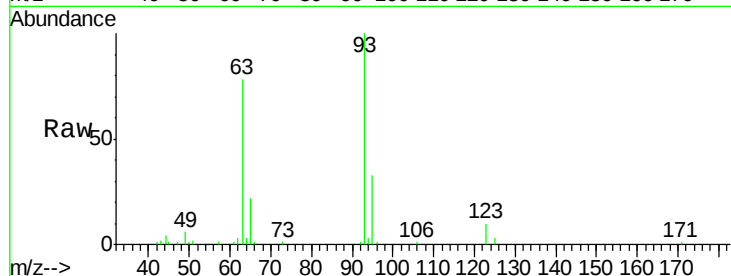
#28
bis(2-Chloroethoxy)methane
Concen: 31.57 ng
RT: 10.23 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.6	38.4
123	9.7	8.9	13.3

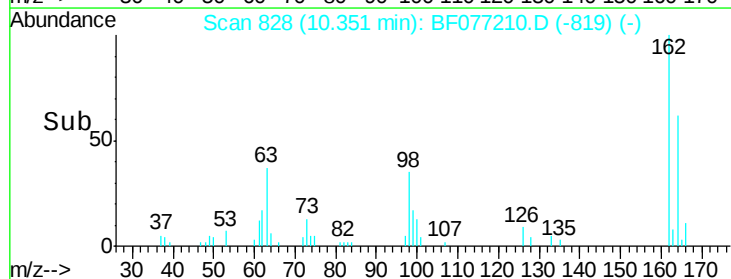
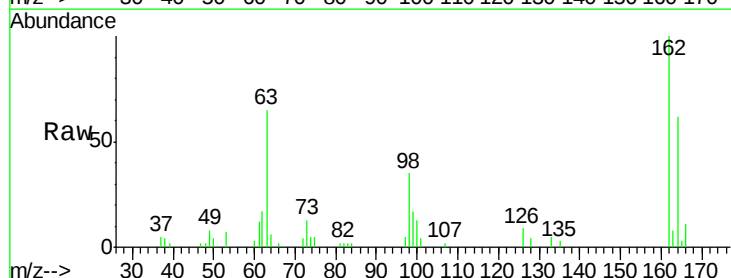
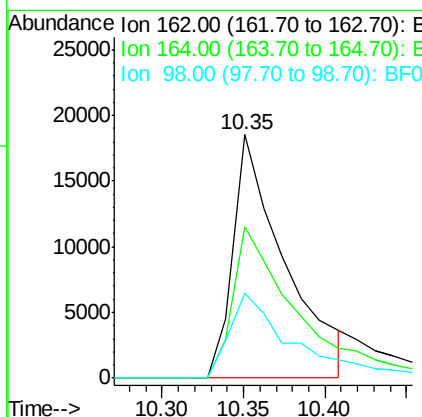
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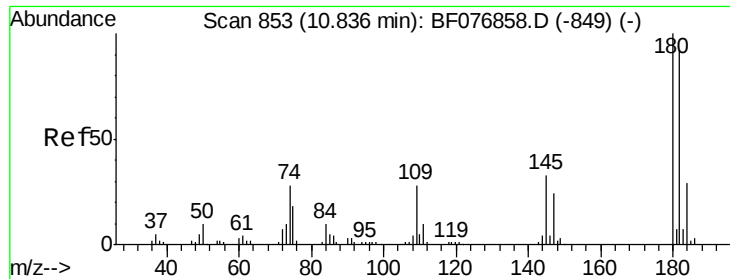
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#29
2,4-Dichlorophenol
Concen: 25.32 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.8	83.8
98	34.8	22.5	62.5





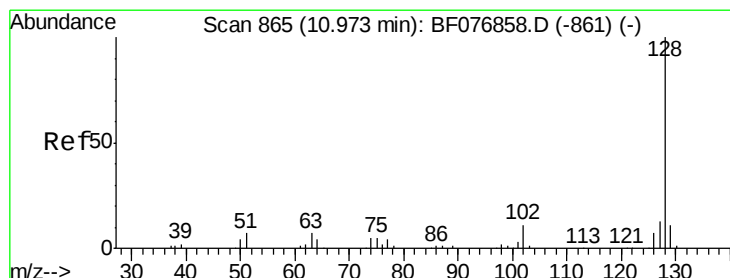
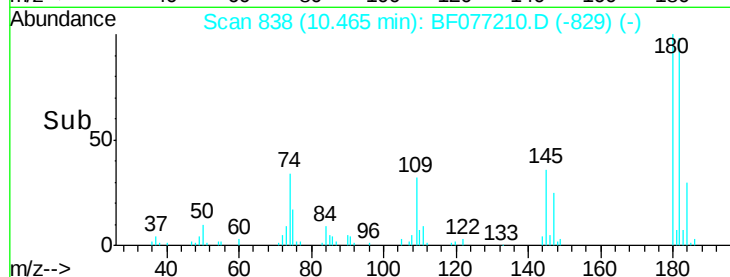
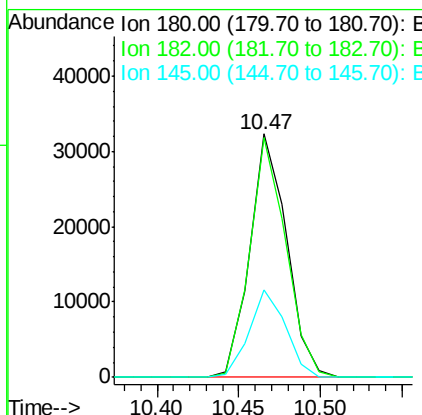
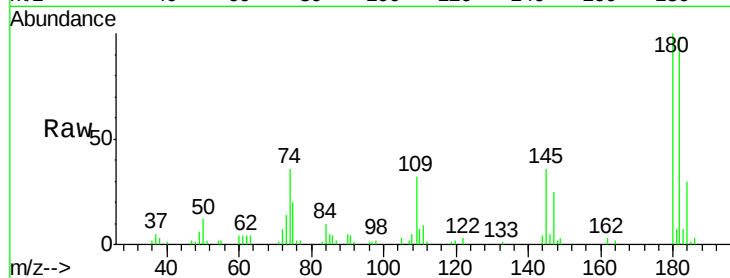
#30
1,2,4-Trichlorobenzene
Concen: 28.42 ng
RT: 10.47 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	73.6	110.4
145	36.0	26.6	39.8

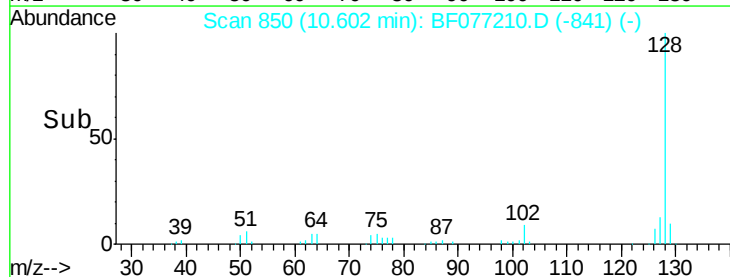
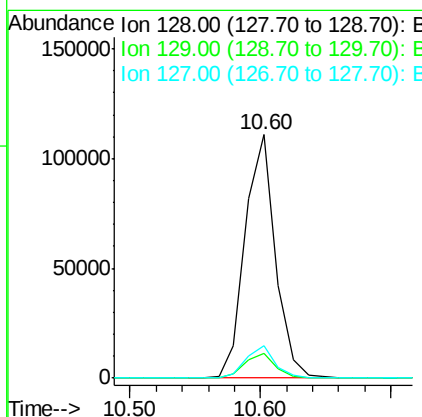
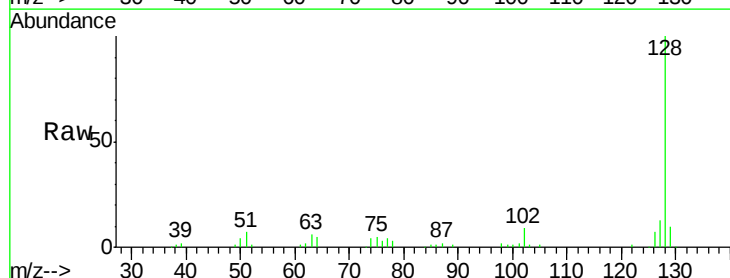
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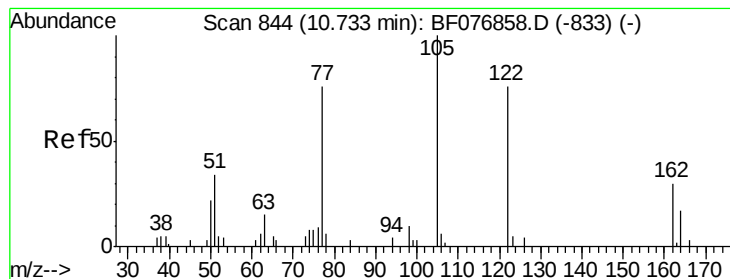
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#31
Naphthalene
Concen: 28.68 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.6
127	13.5	10.2	15.2





#32

Benzoic acid

Concen: 9.05 ng m

RT: 10.55 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF077210.D

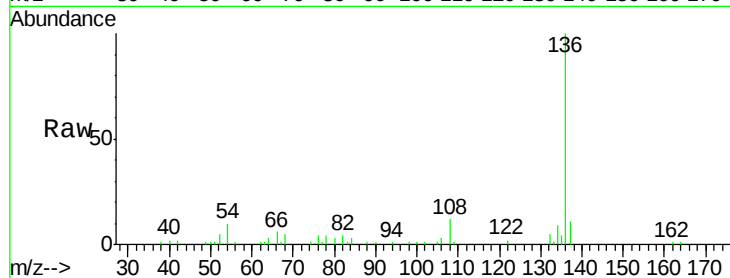
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

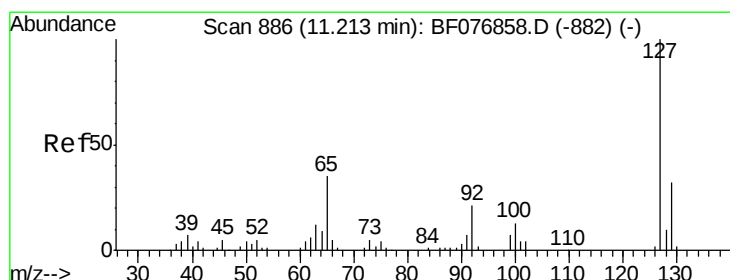
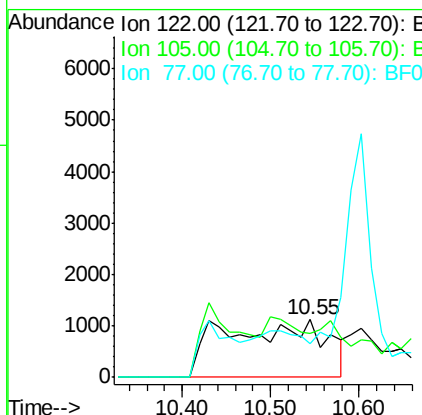
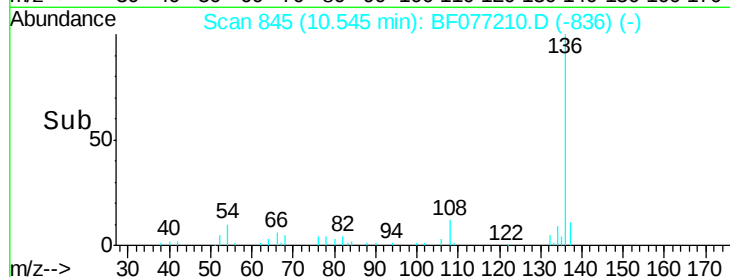
PB81634BS



Tgt Ion:	122	Resp:	8647
Ion Ratio	Lower	Upper	
122	100		
105	76.7	111.3	151.3#
77	57.3	79.2	119.2#

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#33

4-Chloroaniline

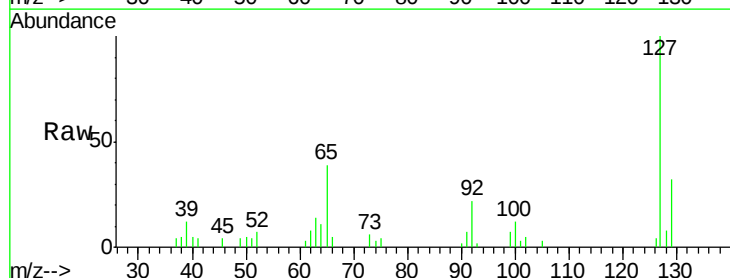
Concen: 13.27 ng

RT: 10.87 min Scan# 873

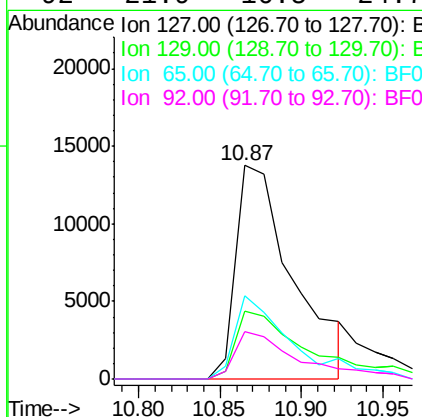
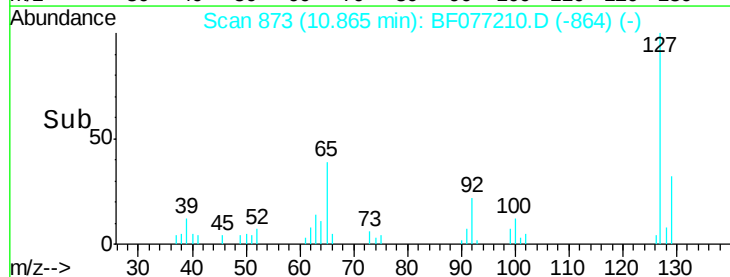
Delta R.T. 0.00 min

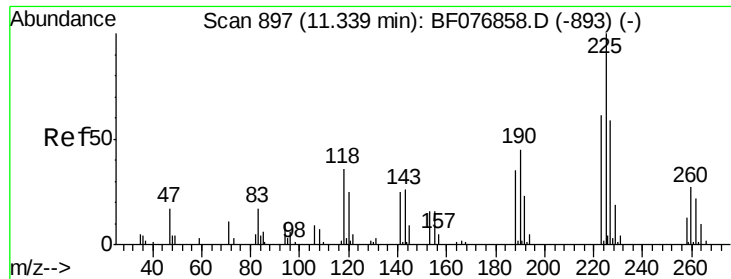
Lab File: BF077210.D

Acq: 6 Feb 2015 19:45



Tgt Ion:	127	Resp:	33469
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.3	37.9
65	39.0	27.8	41.6
92	21.9	16.5	24.7





#34

Hexachlorobutadiene

Concen: 28.51 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF077210.D

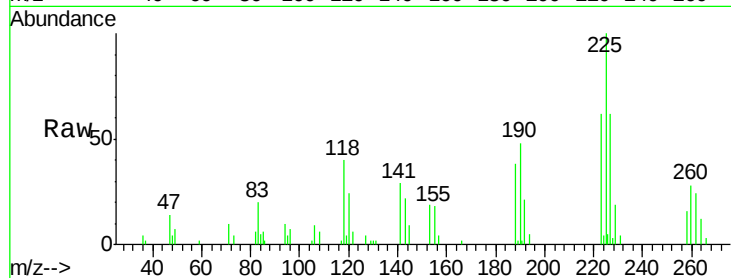
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampled :

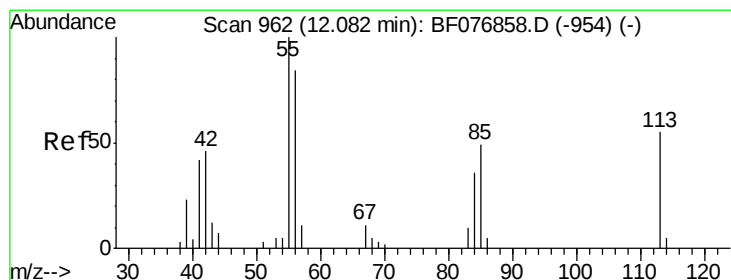
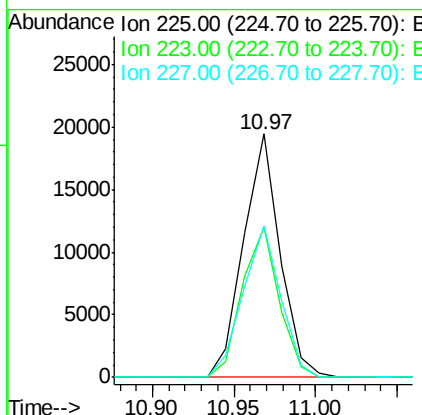
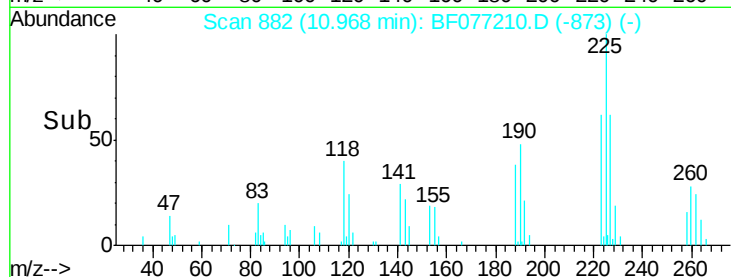
PB81634BS



Tgt Ion:	225	Resp:	30187
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.1	73.7
227	62.5	47.5	71.3

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#35

Caprolactam

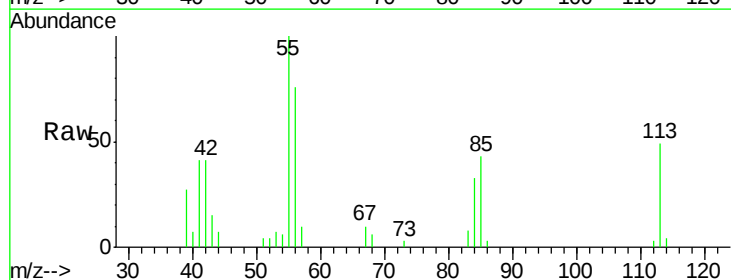
Concen: 28.33 ng m

RT: 11.71 min Scan# 947

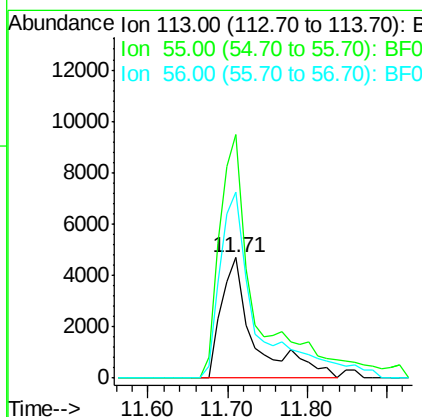
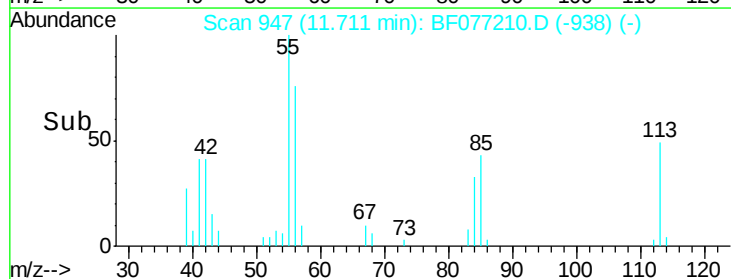
Delta R.T. 0.00 min

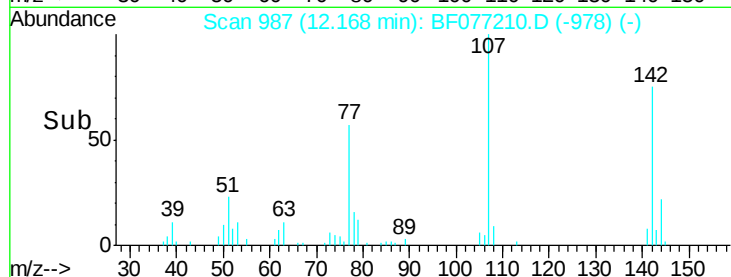
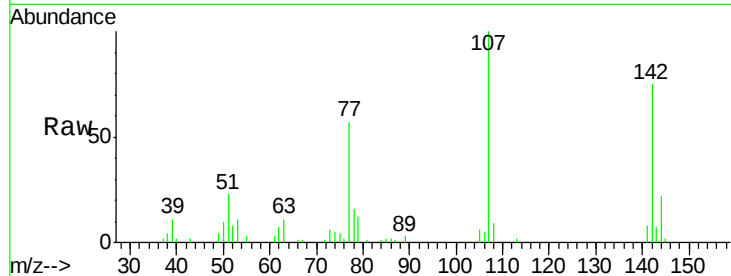
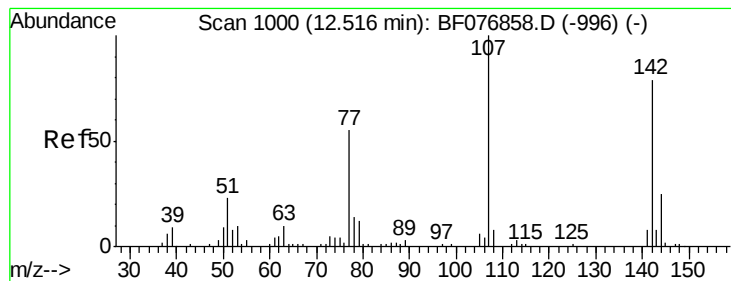
Lab File: BF077210.D

Acq: 6 Feb 2015 19:45



Tgt Ion:	113	Resp:	13401
Ion Ratio	Lower	Upper	
113	100		
55	202.5	162.1	202.1#
56	154.7	133.7	173.7





#36

4-Chloro-3-methylphenol

Concen: 27.43 ng

RT: 12.17 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	107	Resp:	50466
Ion Ratio	Lower	Upper	
107	100		
144	21.7	20.0	30.0
142	75.5	63.5	95.3

Instrument :

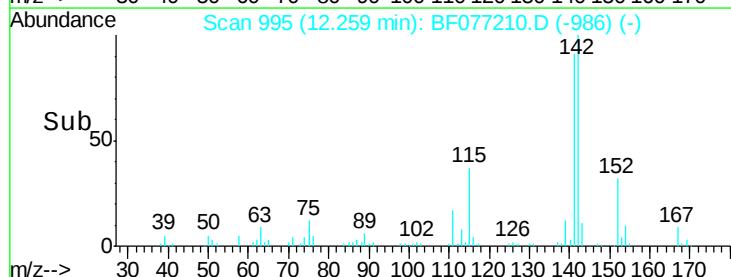
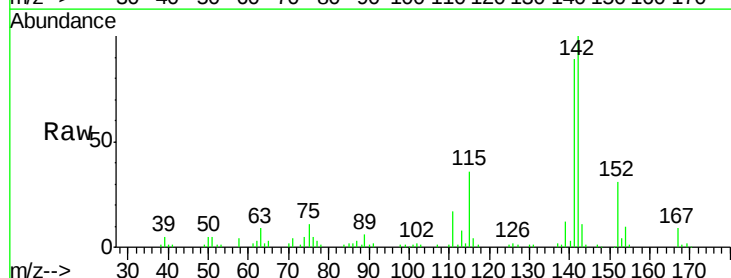
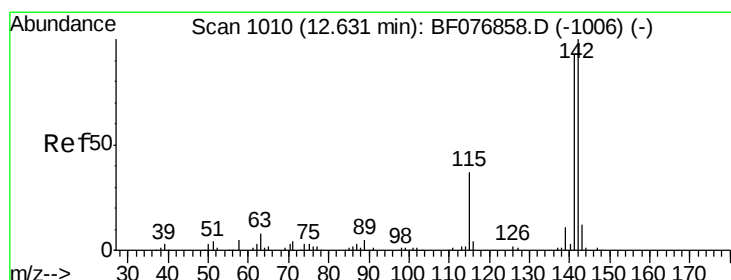
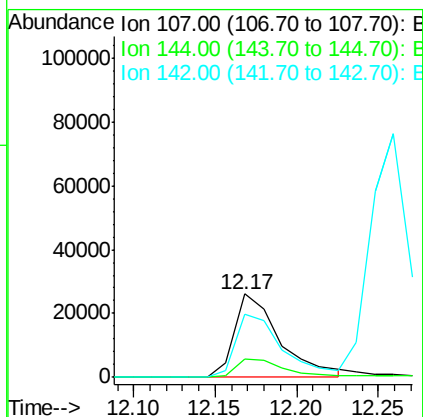
BNA_F

ClientSampleId :

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#37

2-Methylnaphthalene

Concen: 29.75 ng

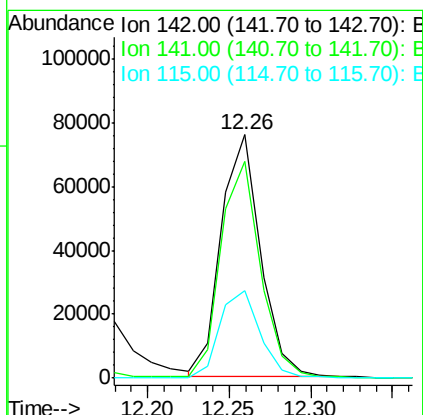
RT: 12.26 min Scan# 995

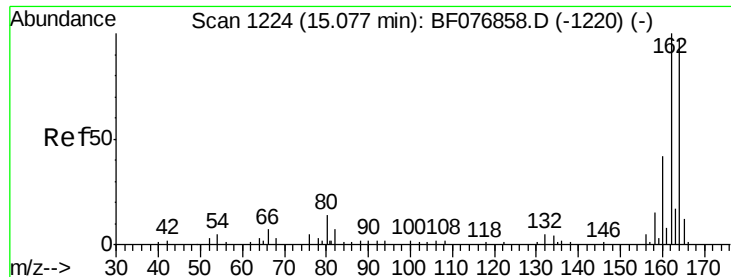
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	142	Resp:	126812
Ion Ratio	Lower	Upper	
142	100		
141	88.9	74.5	111.7
115	36.0	29.7	44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077210.D

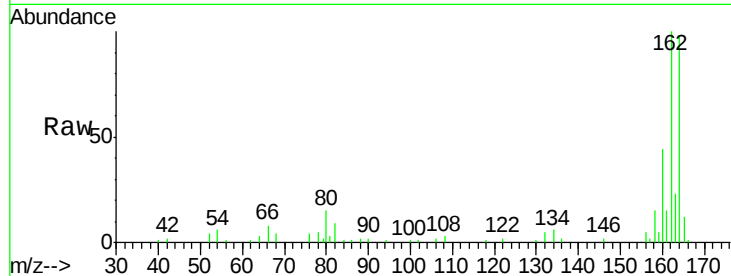
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

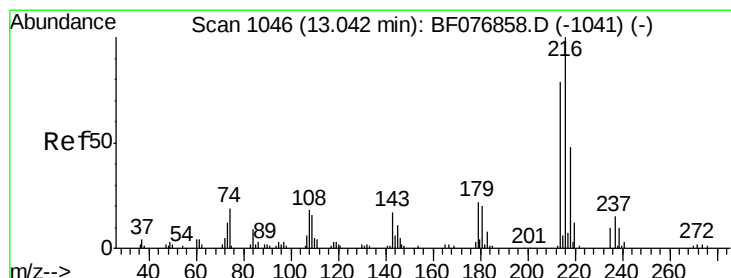
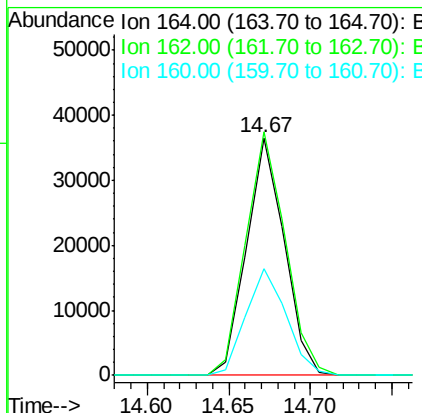
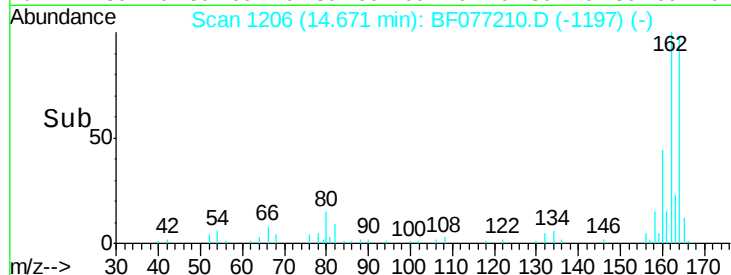
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	102.5	82.4	123.6		
160	44.8	34.8	52.2		

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.10 ng

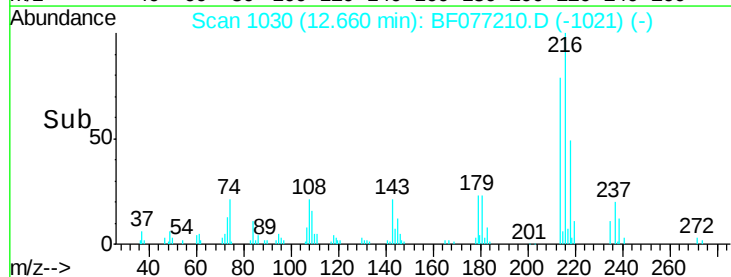
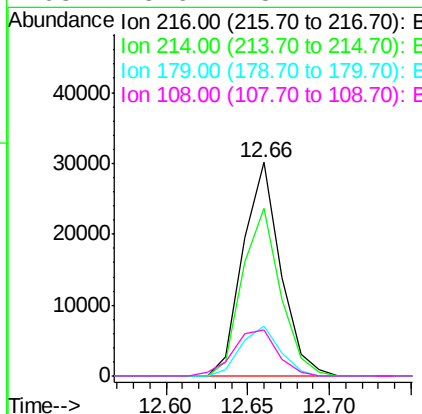
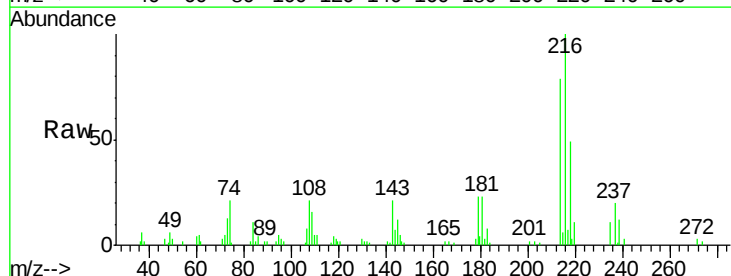
RT: 12.66 min Scan# 1030

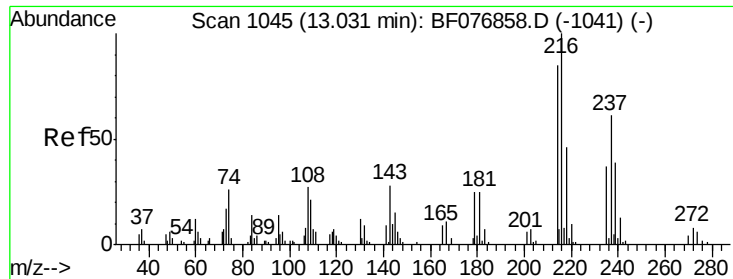
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3	64.9	97.3		
179	24.1	18.6	28.0		
108	25.6	18.1	27.1		





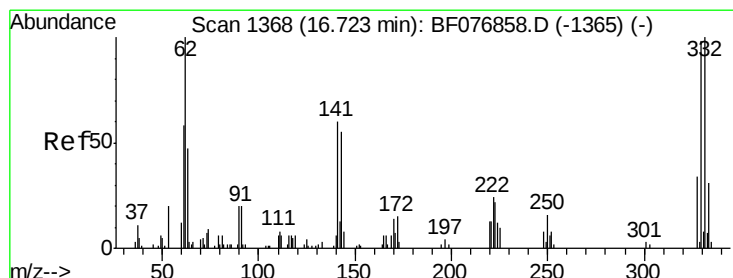
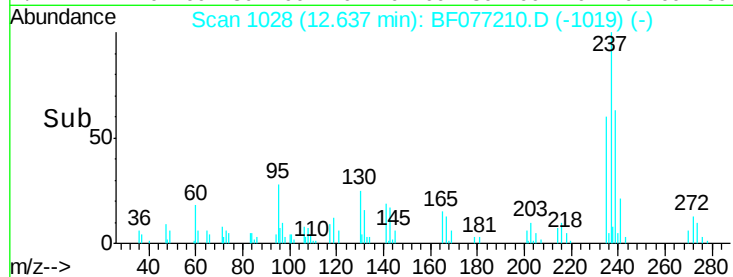
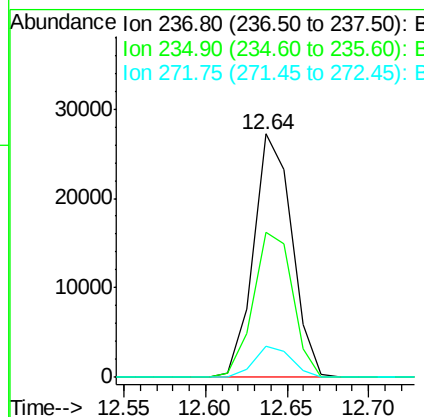
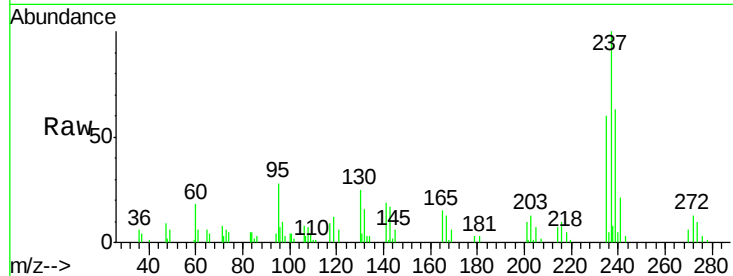
#40
Hexachlorocyclopentadiene
Concen: 58.23 ng
RT: 12.64 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion:	237	Resp:	44508
Ion Ratio	Lower	Upper	
237	100		
235	59.6	40.4	80.4
272	12.7	0.0	33.2

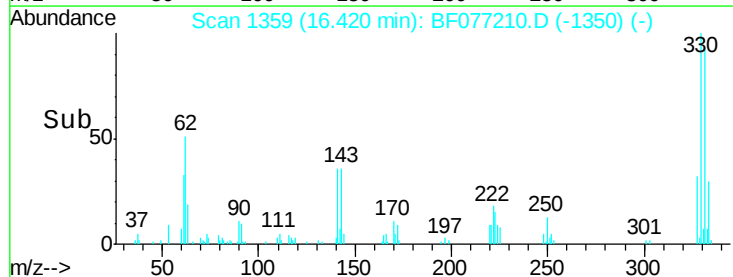
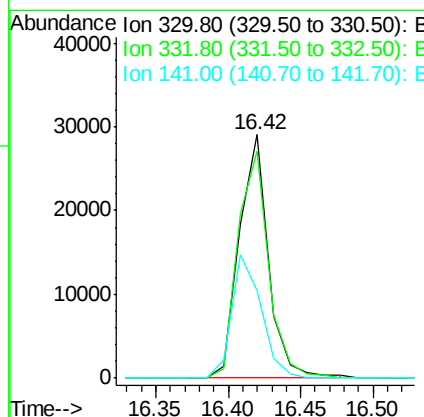
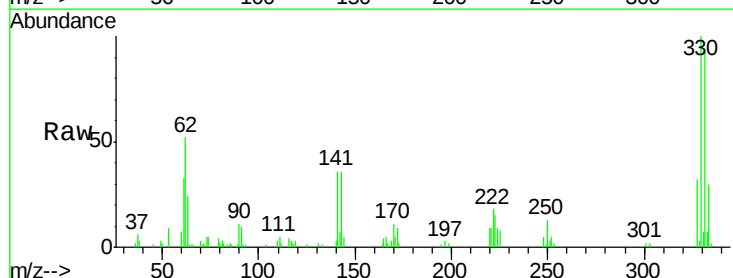
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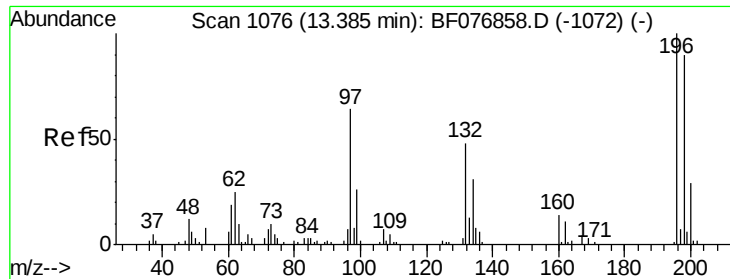
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#41
2,4,6-Tribromophenol
Concen: 85.32 ng
RT: 16.42 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion:	330	Resp:	40699
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.8	116.6
141	51.3	38.5	57.7





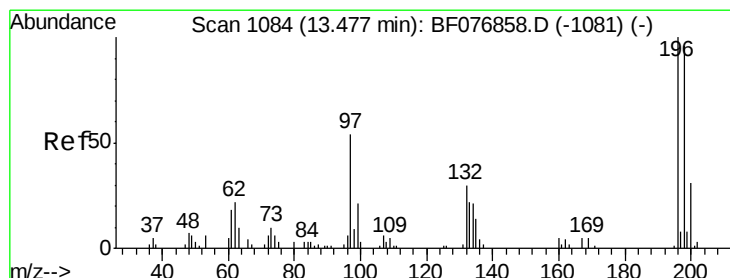
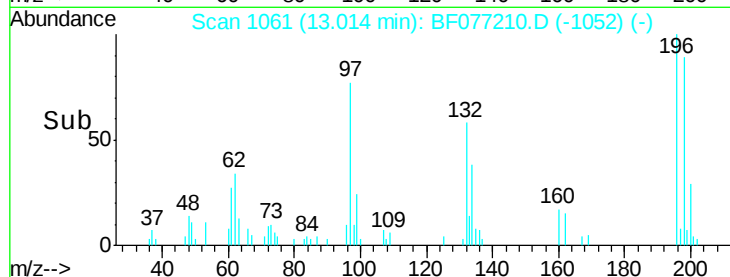
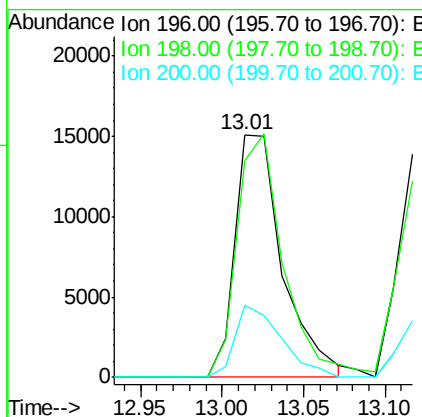
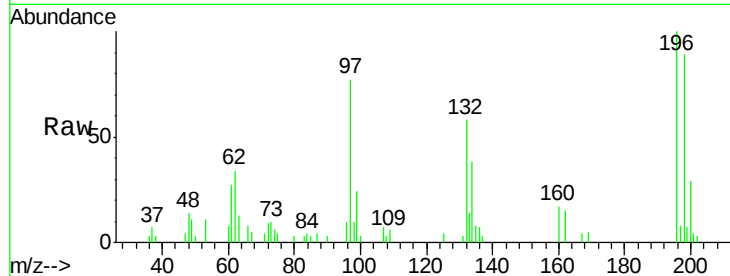
#42
2,4,6-Trichlorophenol
Concen: 28.91 ng
RT: 13.01 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	30606		
198	89.4	72.0	108.0	
200	29.5	23.4	35.2	

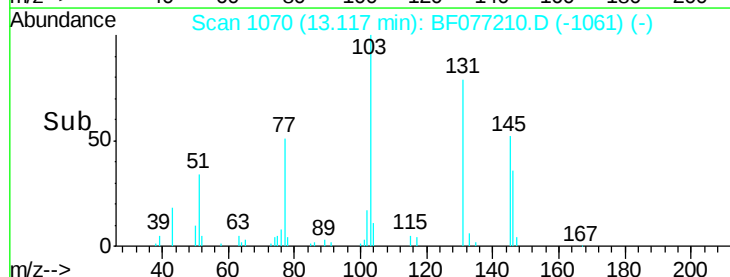
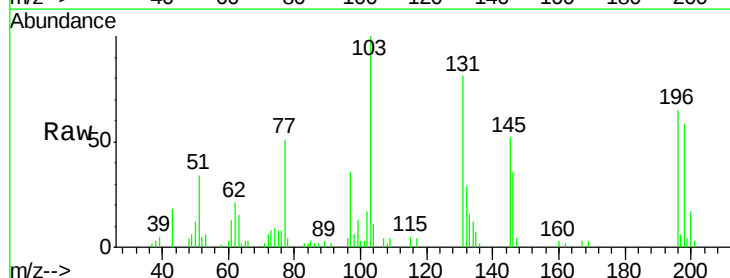
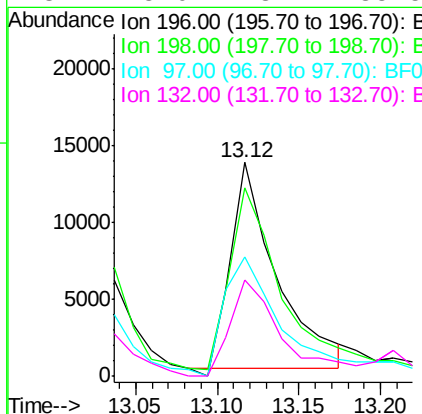
Manual Integrations
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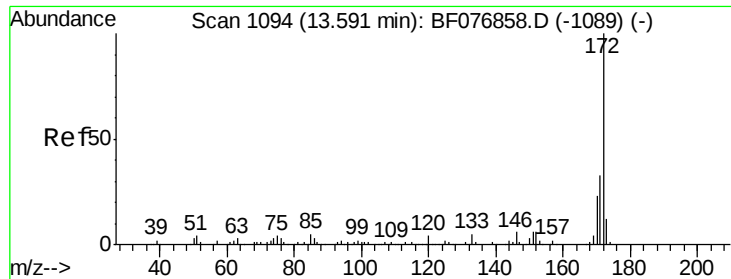
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#43
2,4,5-Trichlorophenol
Concen: 23.95 ng
RT: 13.12 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	25860		
198	87.9	76.6	115.0	
97	55.7	43.4	65.0	
132	45.0	23.7	35.5#	





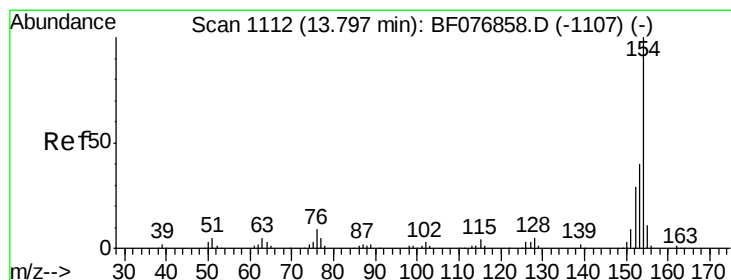
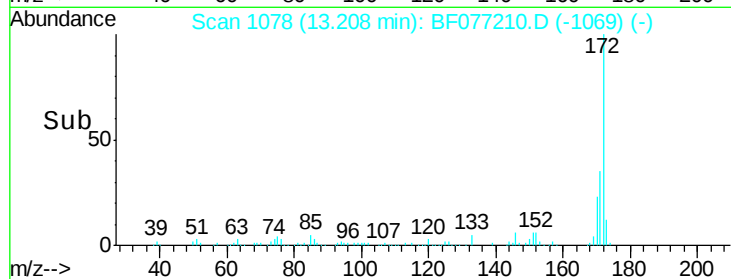
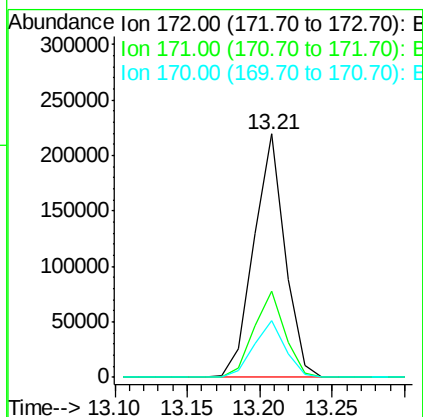
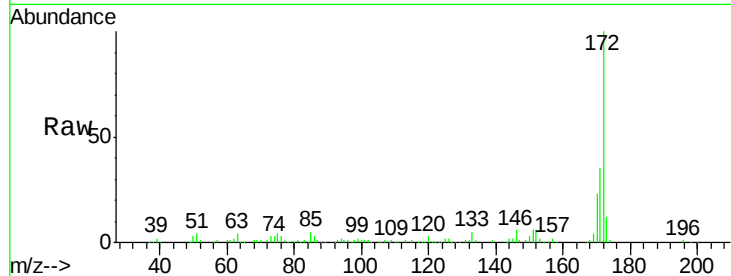
#44
2-Fluorobiphenyl
Concen: 84.45 ng
RT: 13.21 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.4	26.6	40.0
170	23.1	18.0	27.0

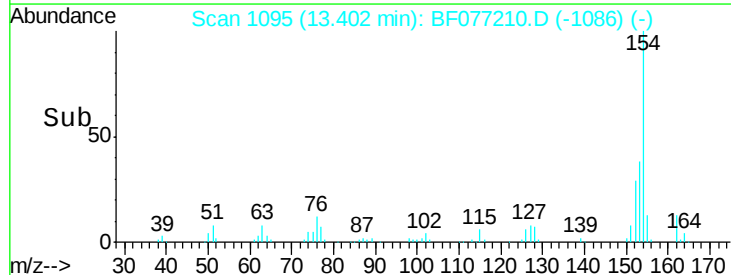
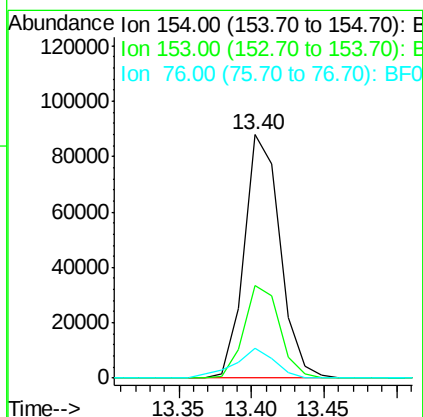
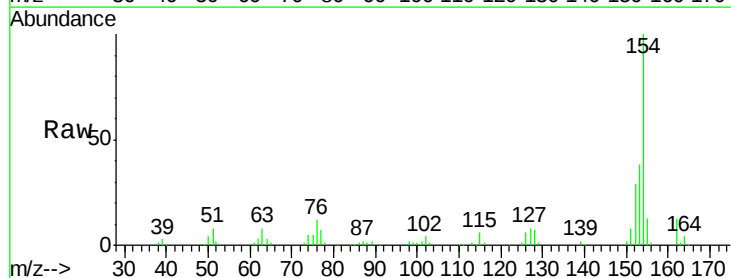
Manual Integrations
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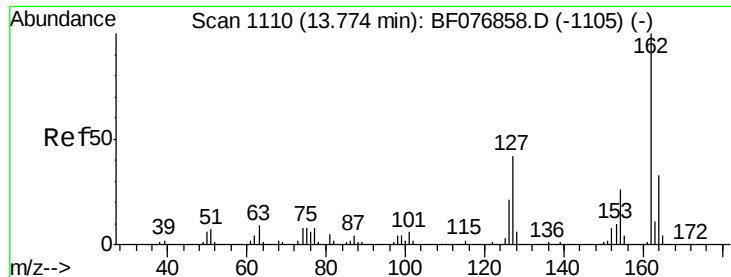
apatel
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#45
1,1'-Biphenyl
Concen: 34.43 ng
RT: 13.40 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	38.2	20.2	60.2
76	12.0	0.0	29.0





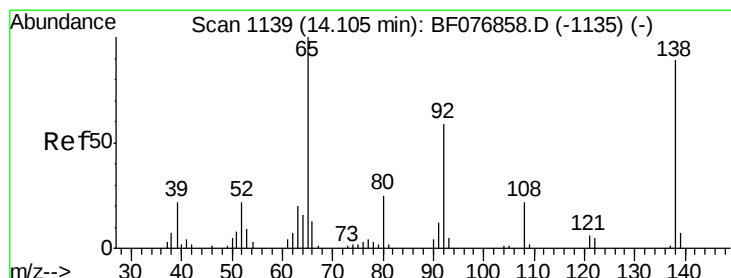
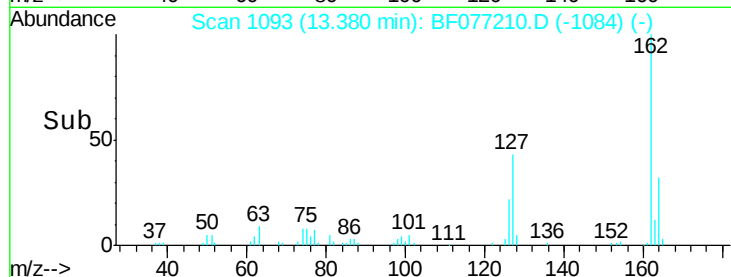
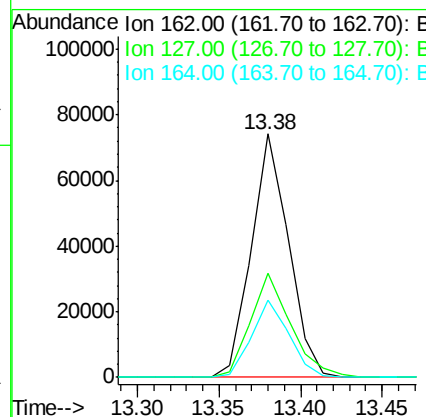
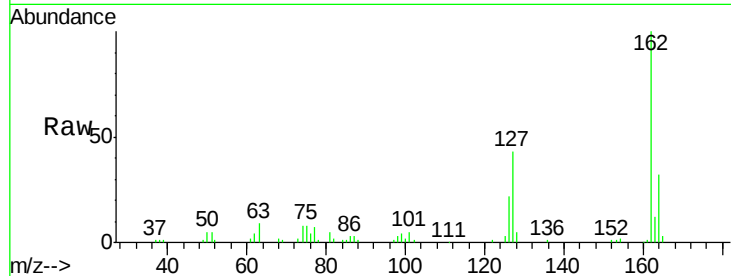
#46
2-Chloronaphthalene
Concen: 32.79 ng
RT: 13.38 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.8	50.6
164	31.7	26.8	40.2

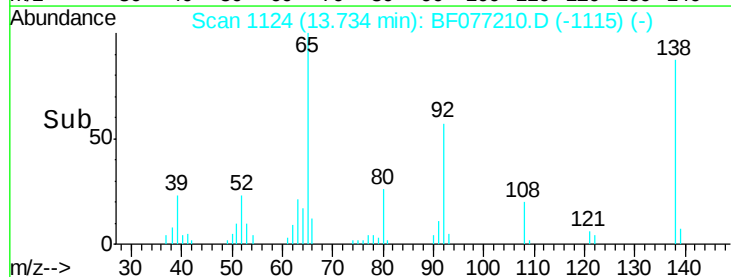
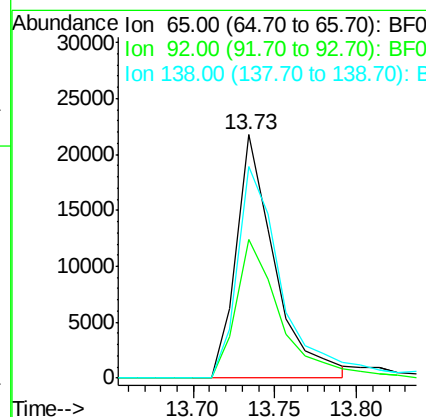
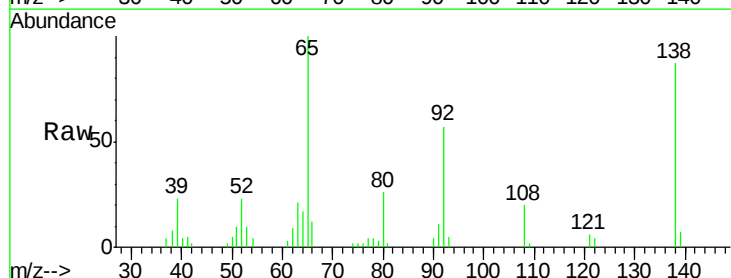
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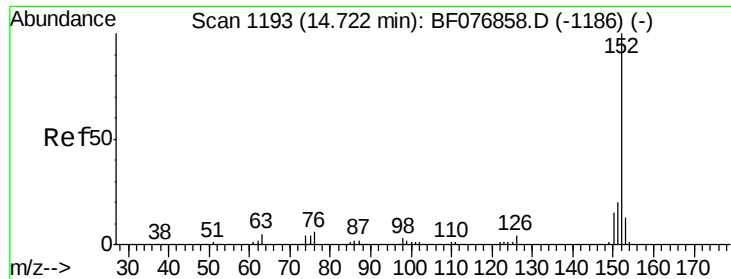
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#47
2-Nitroaniline
Concen: 32.68 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.1	47.3	70.9
138	87.1	71.4	107.2





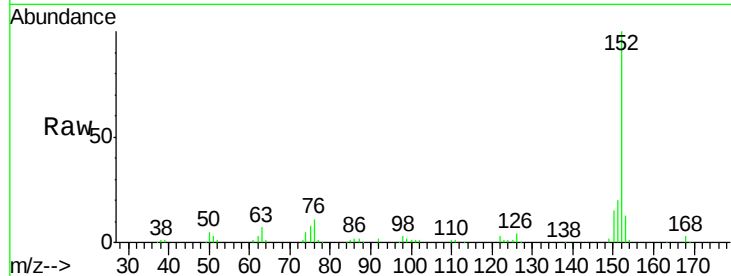
#48
Acenaphthylene
Concen: 31.96 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampled :
PB81634BS

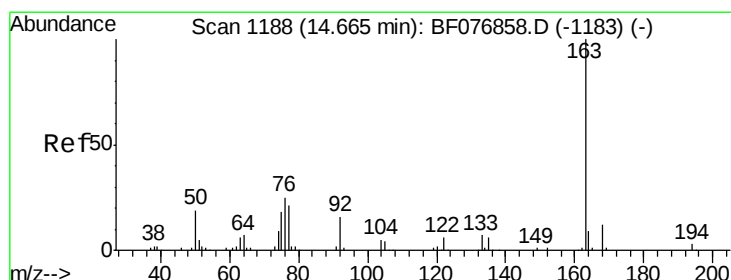
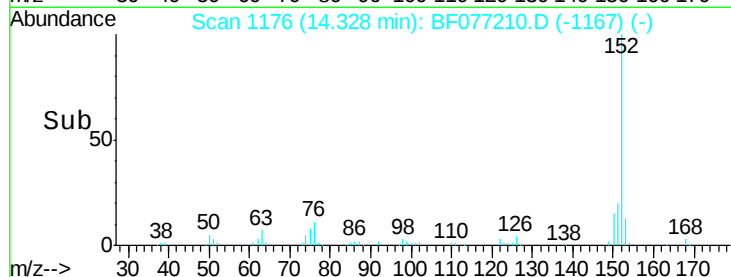
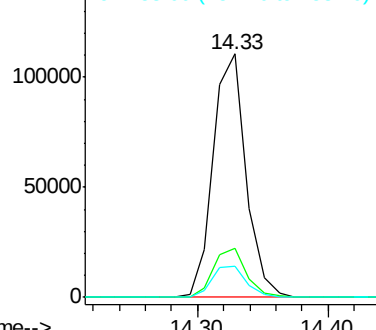
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	12.6	10.2	15.4

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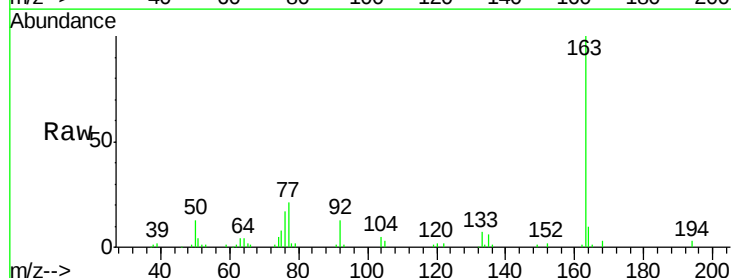


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

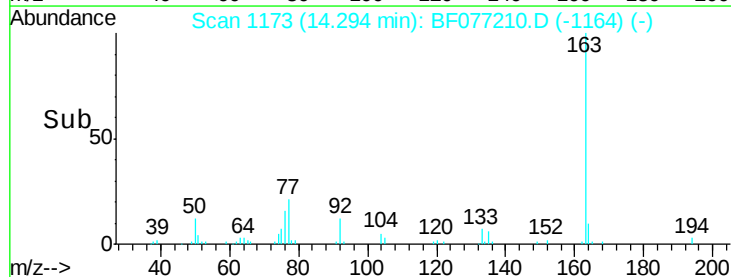
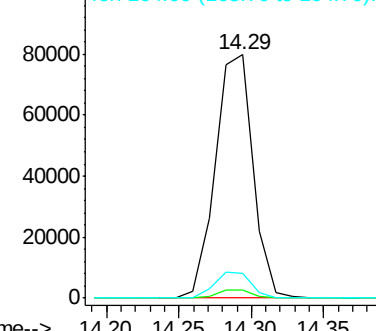


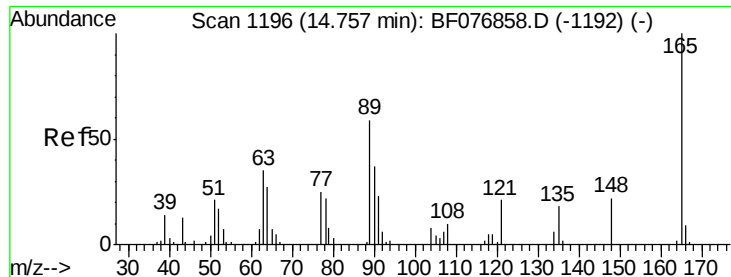
#49
Dimethylphthalate
Concen: 34.40 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	7.5	11.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





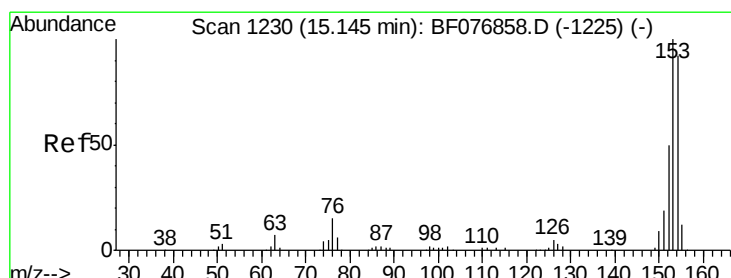
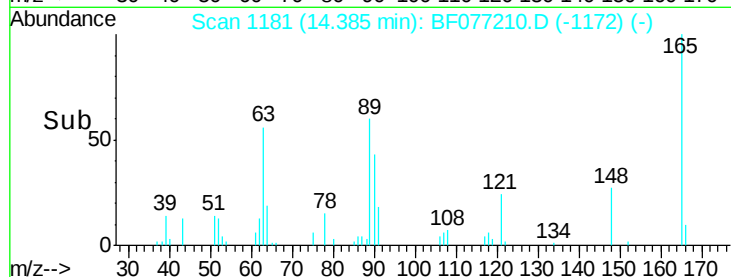
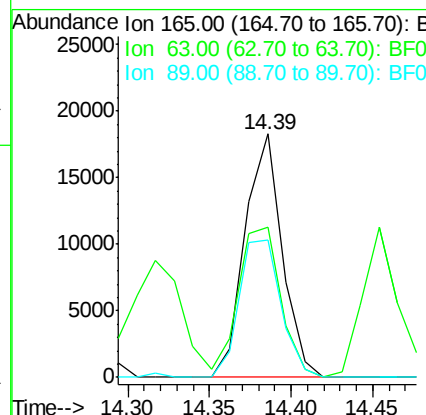
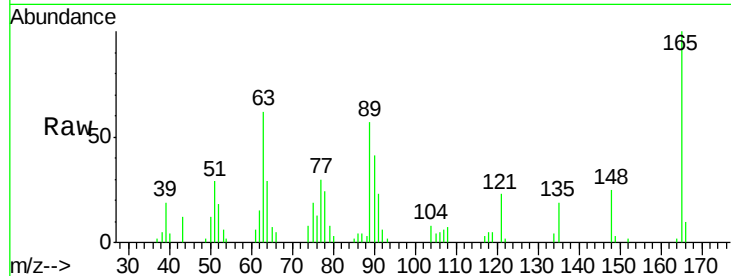
#50
2,6-Dinitrotoluene
Concen: 34.59 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28806		
63	61.5	48.1	72.1	
89	56.6	47.2	70.8	

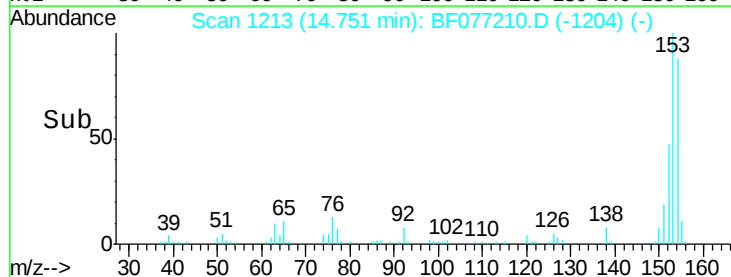
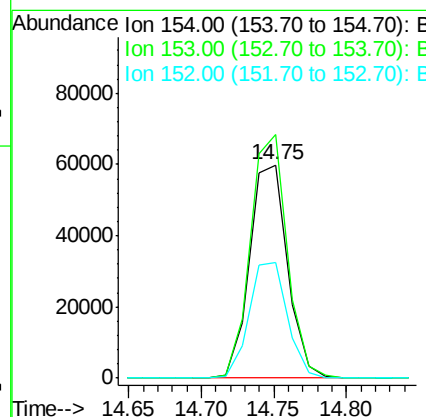
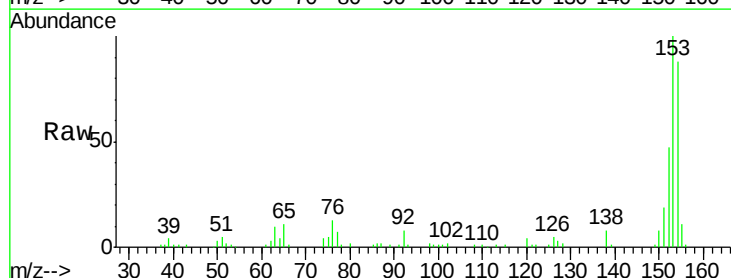
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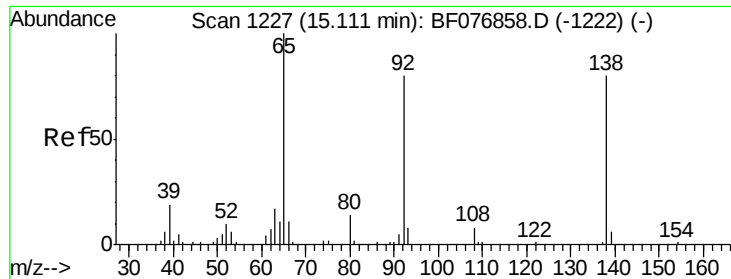
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#51
Acenaphthene
Concen: 31.62 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	108474		
153	114.2	87.0	130.6	
152	53.9	43.5	65.3	





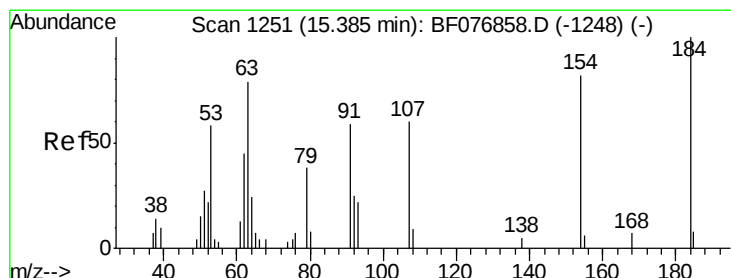
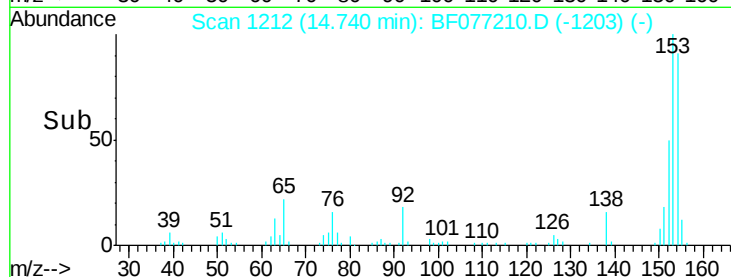
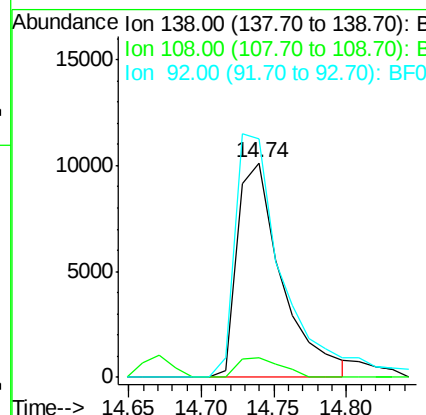
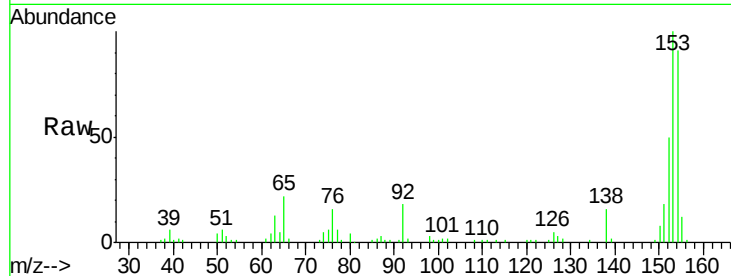
#52
3-Nitroaniline
Concen: 20.98 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	21657		
108	9.0	8.3	12.5	
92	110.9	80.9	121.3	

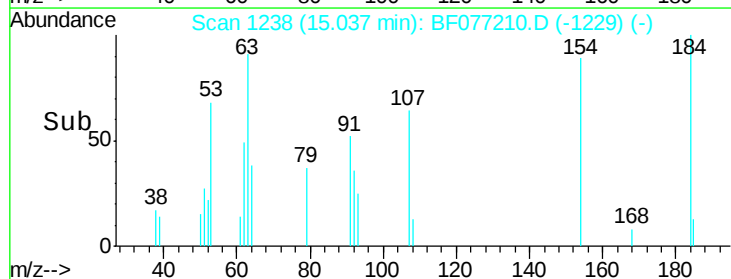
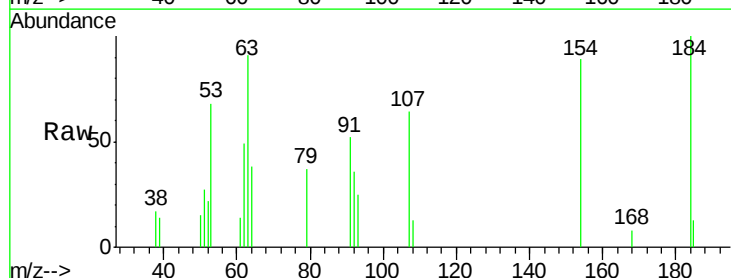
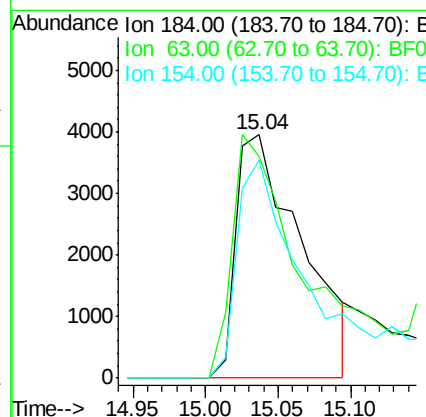
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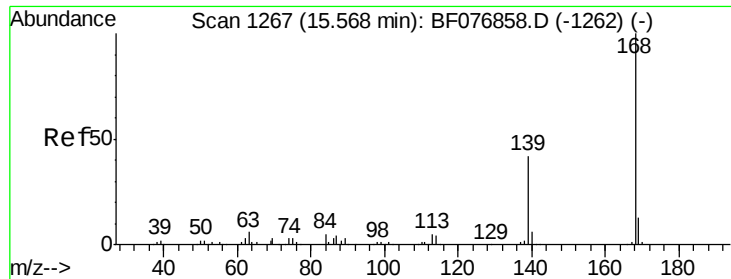
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#53
2,4-Dinitrophenol
Concen: 38.99 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	12476		
63	91.0	63.0	94.6	
154	89.4	65.5	98.3	





#54

Dibenzenofuran

Concen: 34.80 ng

RT: 15.17 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

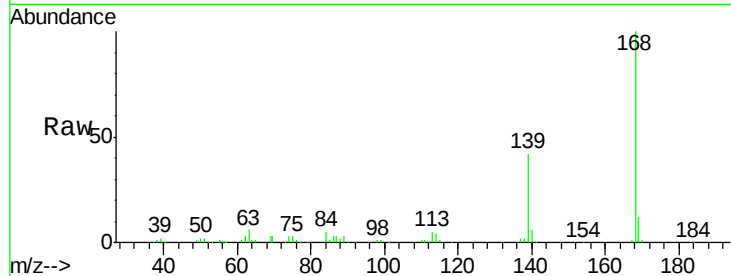
ClientSampled :

PB81634BS

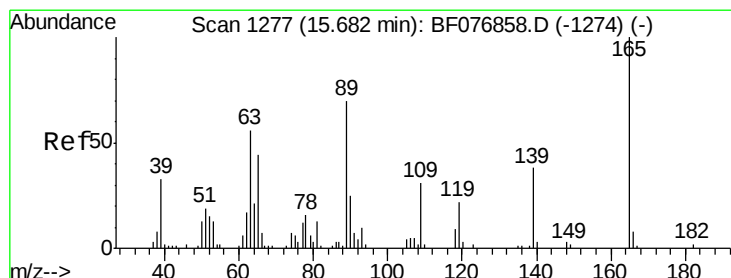
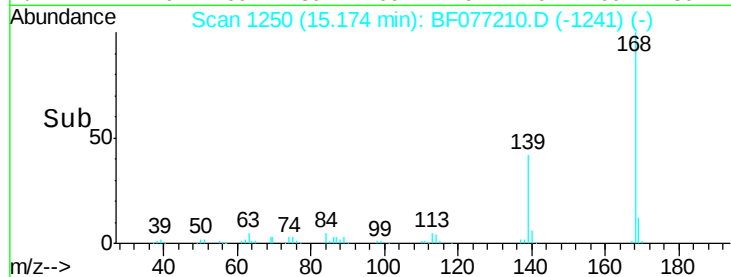
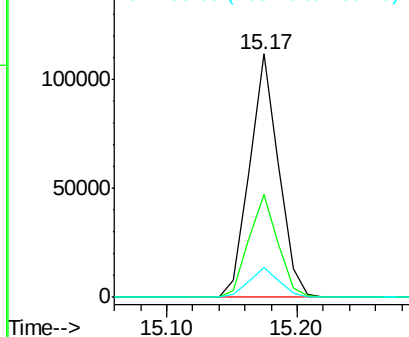
Tgt Ion:	168	Resp:	173917
Ion Ratio		Lower	Upper
168	100		
139	42.1	33.4	50.2
169	12.5	10.6	15.8

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



#55

4-Nitrophenol

Concen: 43.89 ng

RT: 15.36 min Scan# 1266

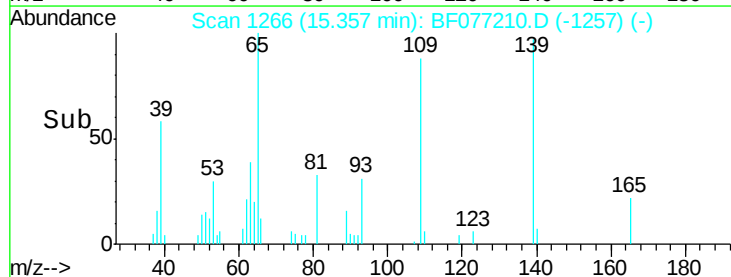
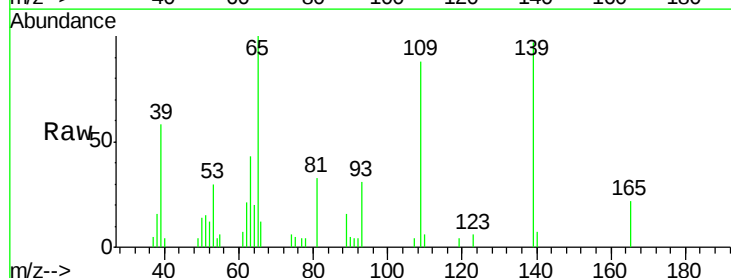
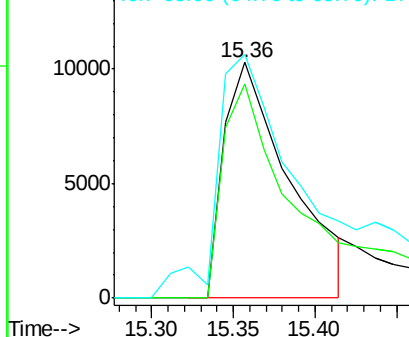
Delta R.T. 0.00 min

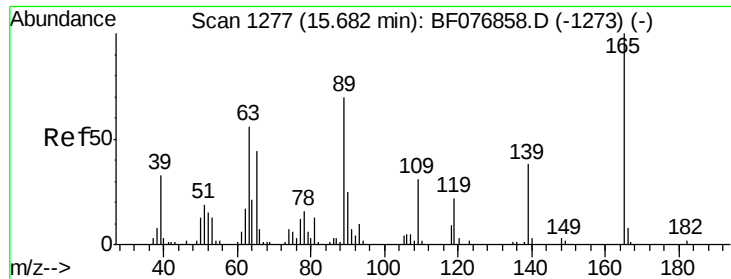
Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	139	Resp:	28672
Ion Ratio		Lower	Upper
139	100		
109	90.9	61.0	101.0
65	103.4	96.6	136.6

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





#56

2,4-Dinitrotoluene

Concen: 32.98 ng

RT: 15.32 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF077210.D

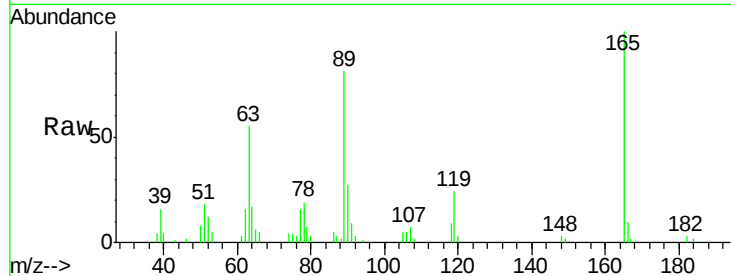
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

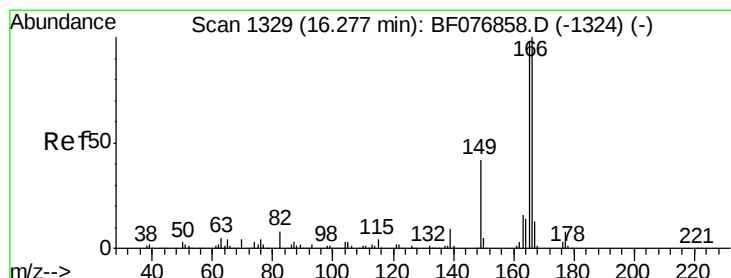
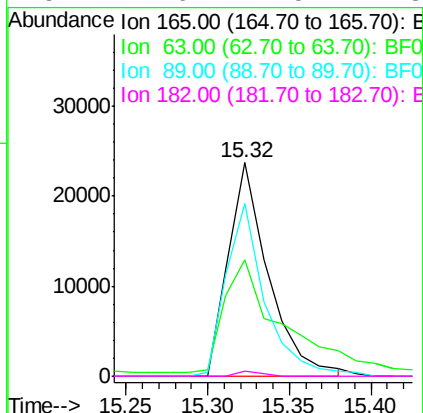
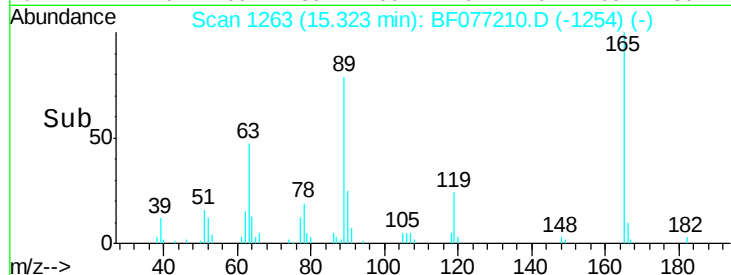
PB81634BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40306		
63	54.5	44.8	67.2	
89	81.2	56.2	84.2	
182	2.6	1.5	2.3	

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#57

Fluorene

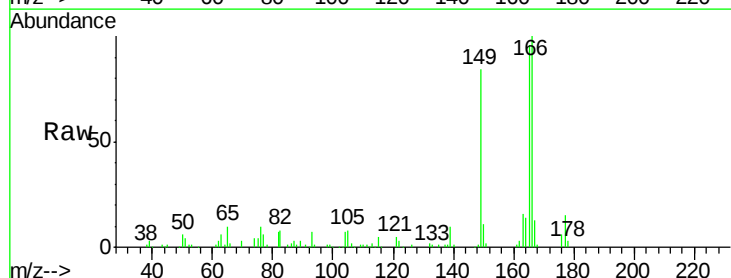
Concen: 32.98 ng

RT: 15.94 min Scan# 1317

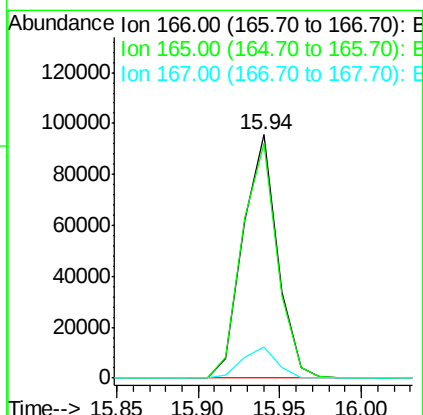
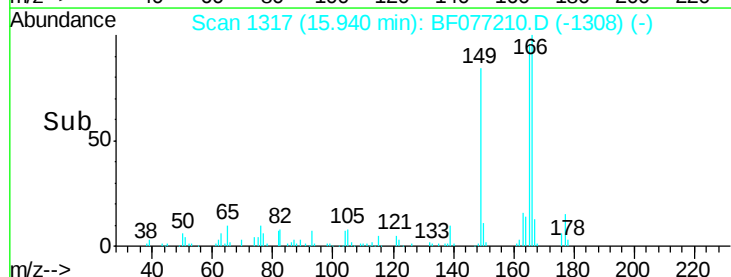
Delta R.T. 0.00 min

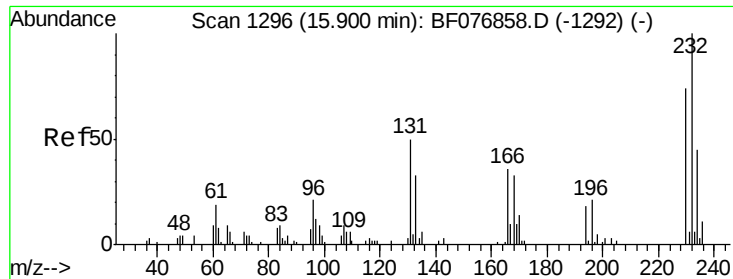
Lab File: BF077210.D

Acq: 6 Feb 2015 19:45



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	139641		
165	96.2	78.5	117.7	
167	12.9	10.4	15.6	





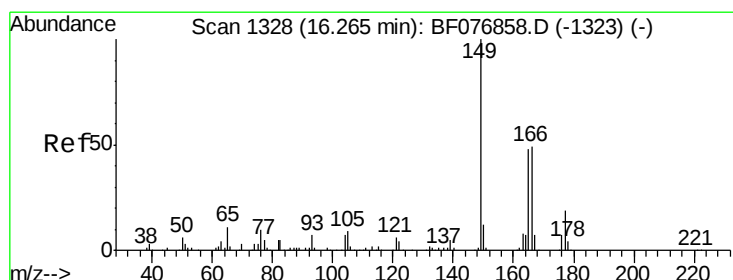
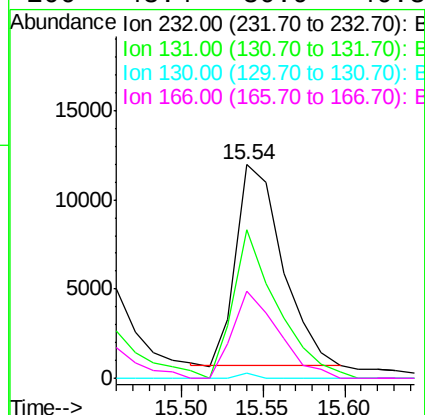
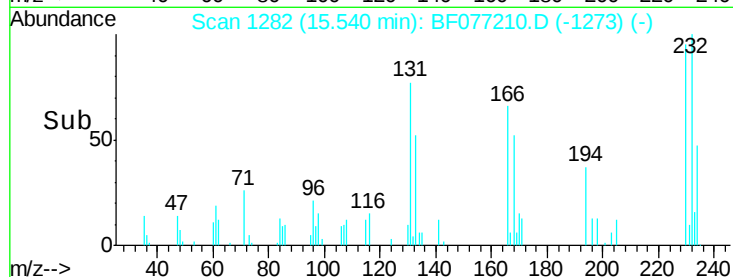
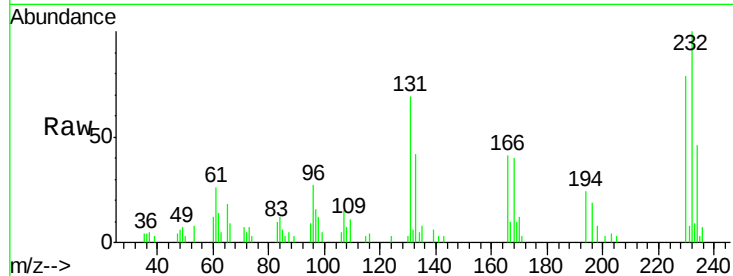
#58
2,3,4,6-Tetrachlorophenol
Concen: 28.07 ng
RT: 15.54 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	22065		
131	62.1	45.0	67.6	
130	1.0	2.6	3.8	
166	43.4	30.9	46.3	

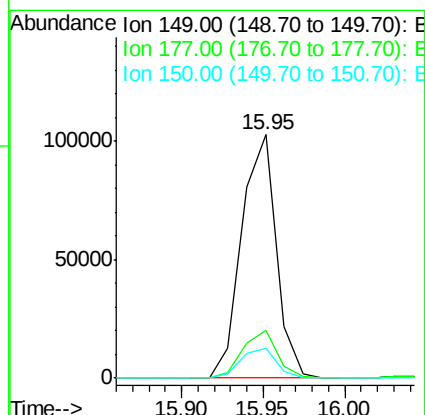
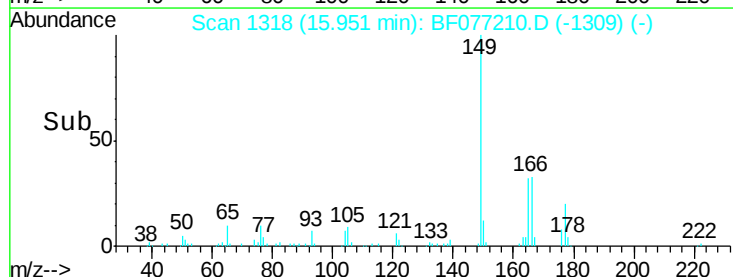
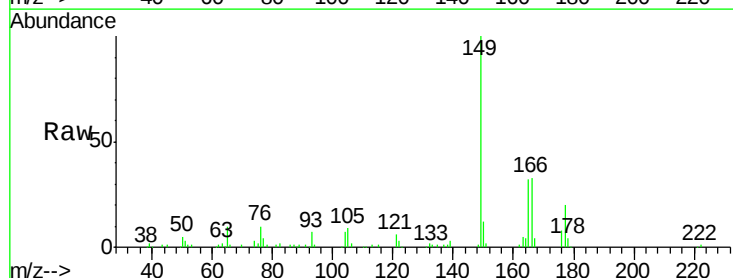
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#59
Diethylphthalate
Concen: 35.78 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	150722		
177	19.6	15.0	22.6	
150	12.3	9.4	14.0	





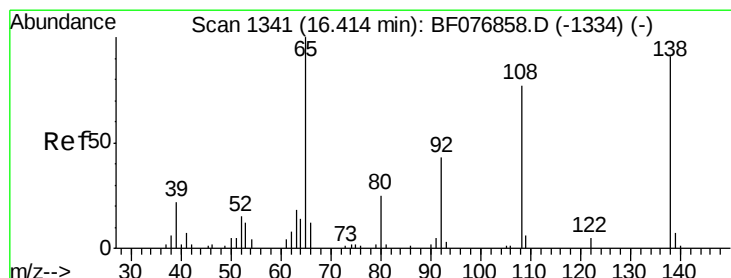
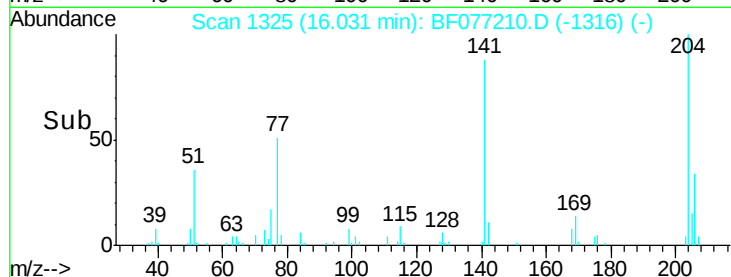
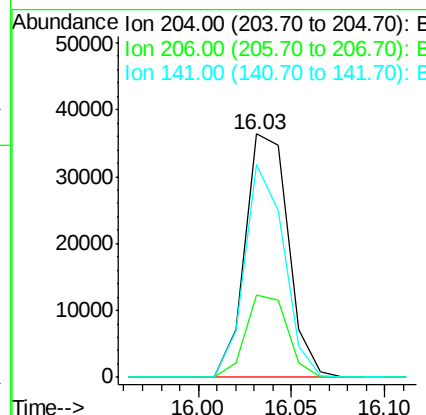
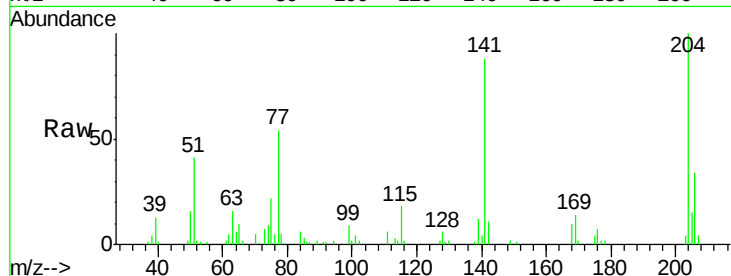
#60
4-Chlorophenyl-phenylether
Concen: 34.20 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	24.2	36.2
141	87.6	66.7	100.1

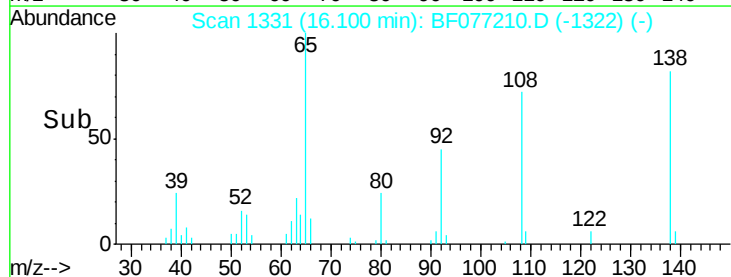
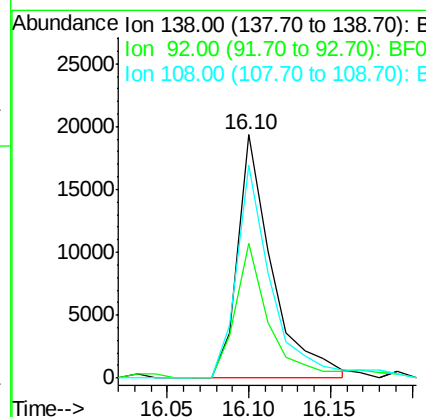
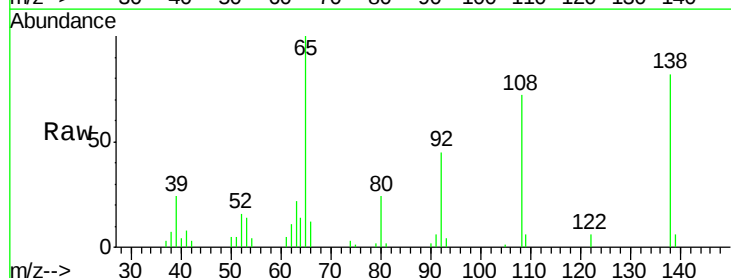
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#61
4-Nitroaniline
Concen: 27.41 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	26.7	66.7
108	87.6	64.5	104.5





#62

Azobenzene

Concen: 35.42 ng

RT: 16.33 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

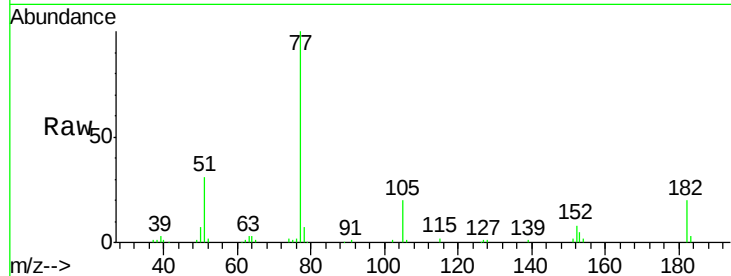
ClientSampleId :

PB81634BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.7	2.0	42.0
105	20.1	2.3	42.3
51	31.0	10.7	50.7

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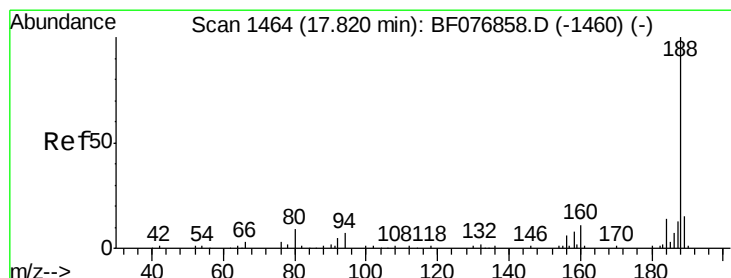
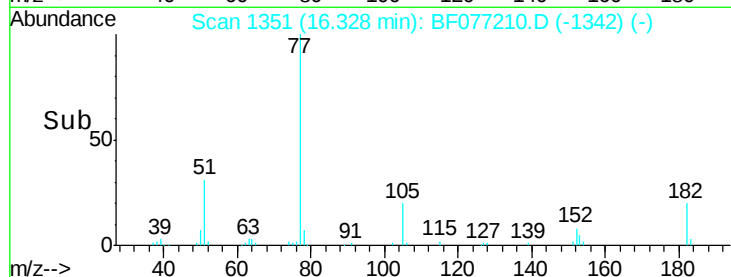
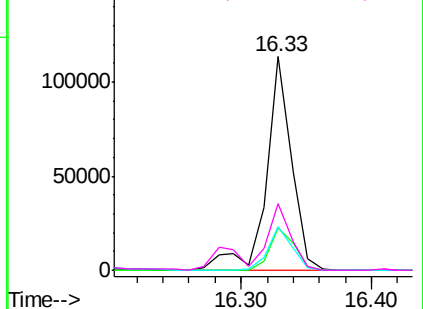


Abundance Ion 77.00 (76.70 to 77.70): BF077210.D (-1354) (-)

Ion 182.00 (181.70 to 182.70): BF077210.D (-1354) (-)

Ion 105.00 (104.70 to 105.70): BF077210.D (-1354) (-)

Ion 51.00 (50.70 to 51.70): BF077210.D (-1354) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

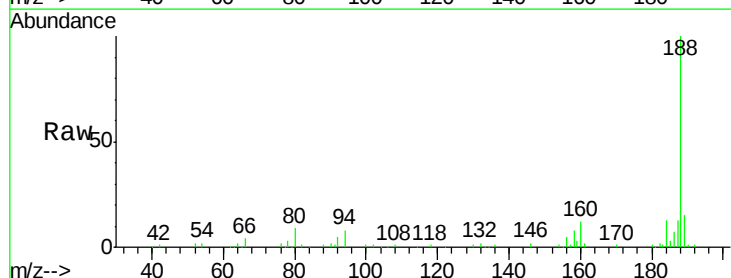
RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

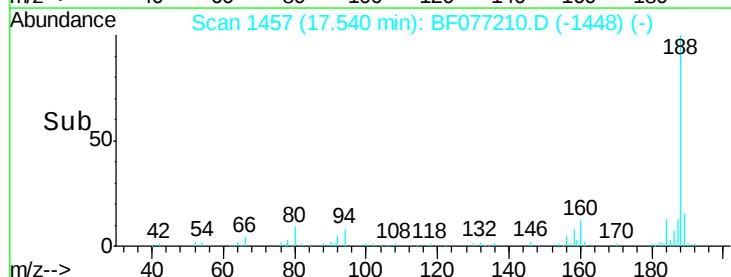
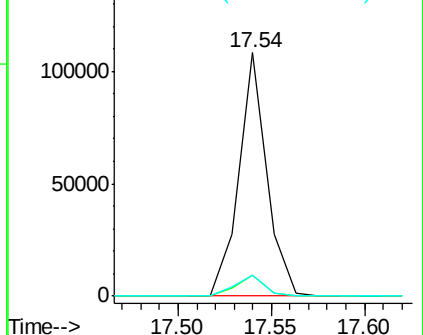
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.0	9.0
80	8.7	6.9	10.3

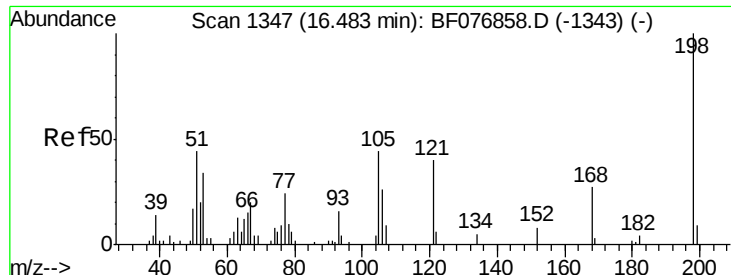


Abundance Ion 188.00 (187.70 to 188.70): BF077210.D (-1448) (-)

Ion 94.00 (93.70 to 94.70): BF077210.D (-1448) (-)

Ion 80.00 (79.70 to 80.70): BF077210.D (-1448) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 23.63 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF077210.D

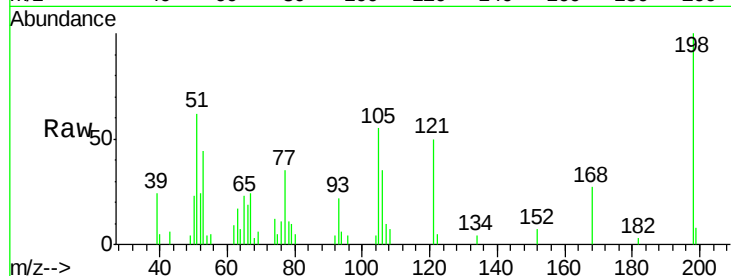
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

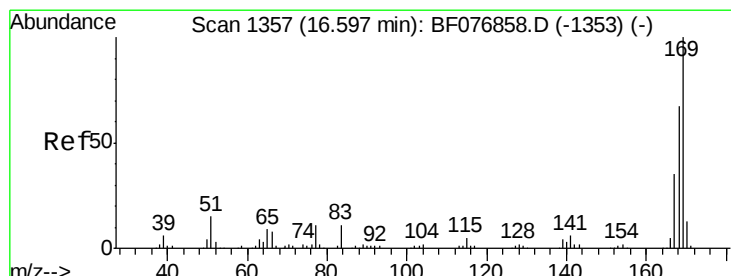
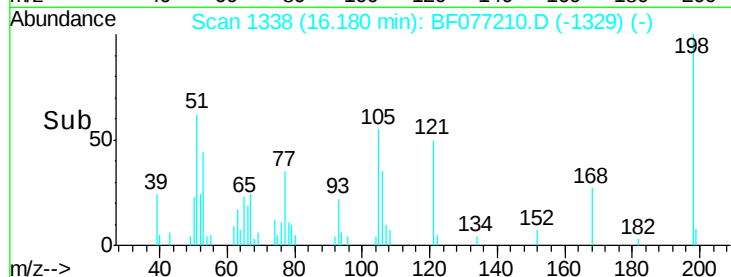
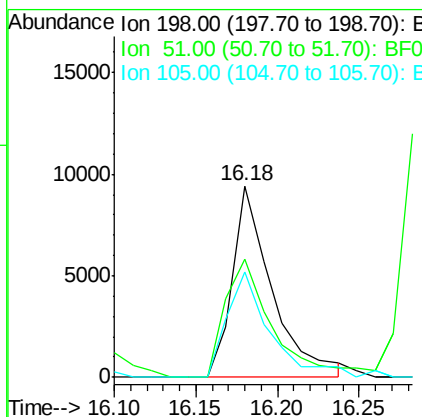
PB81634BS



Tgt Ion:	198	Resp:	15839
Ion Ratio	Lower	Upper	
198	100		
51	62.0	24.2	64.2
105	54.9	24.0	64.0

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#65

n-Nitrosodiphenylamine

Concen: 29.07 ng

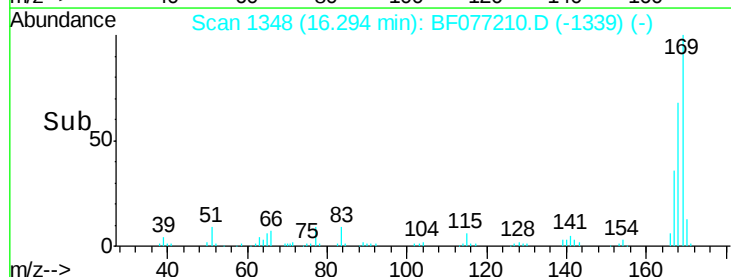
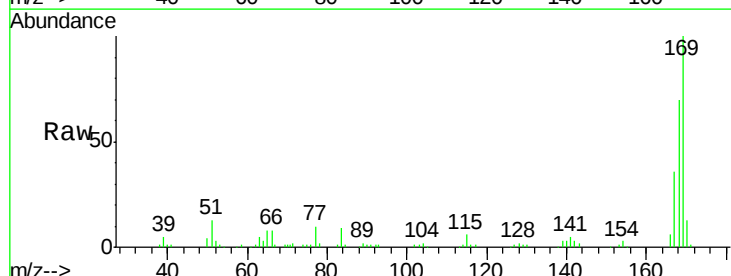
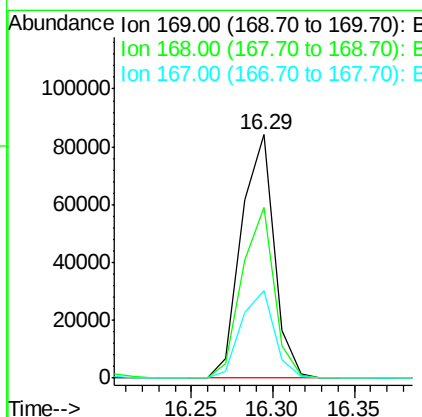
RT: 16.29 min Scan# 1348

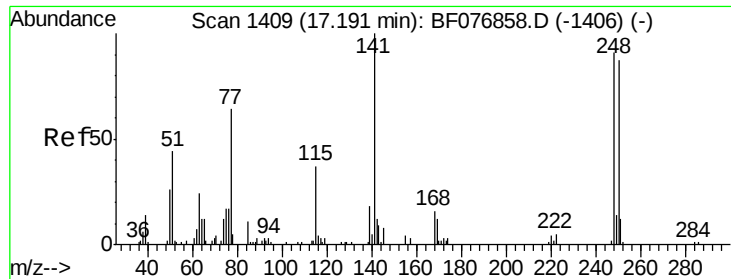
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	169	Resp:	117036
Ion Ratio	Lower	Upper	
169	100		
168	70.0	53.8	80.6
167	35.9	27.8	41.6





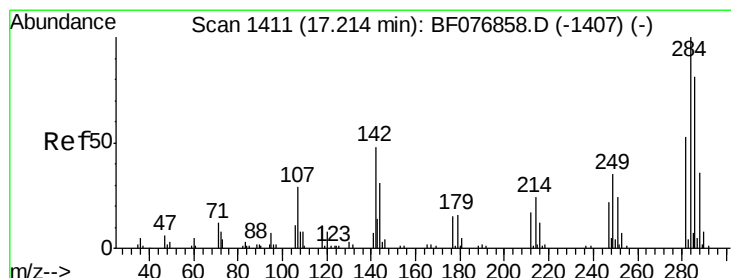
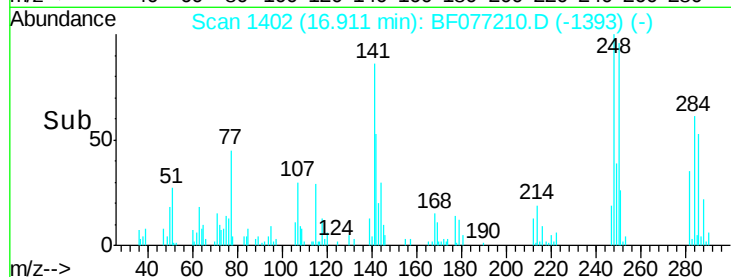
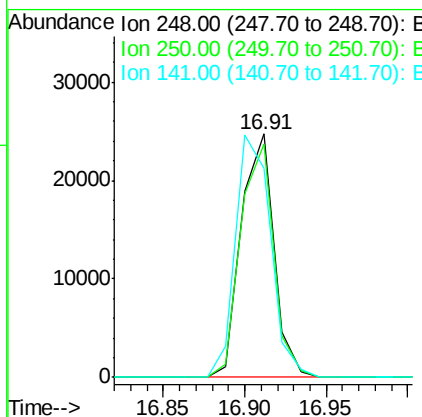
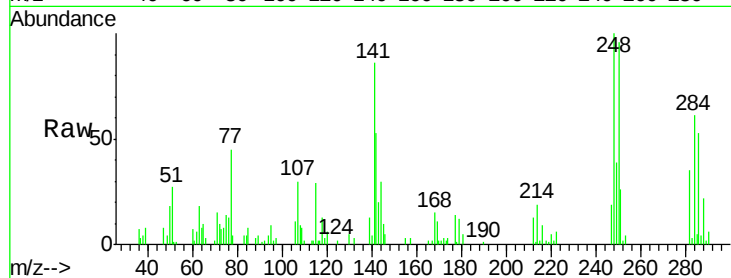
#66
4-Bromophenyl-phenylether
Concen: 29.92 ng
RT: 16.91 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.1	115.7
141	86.1	88.2	132.4

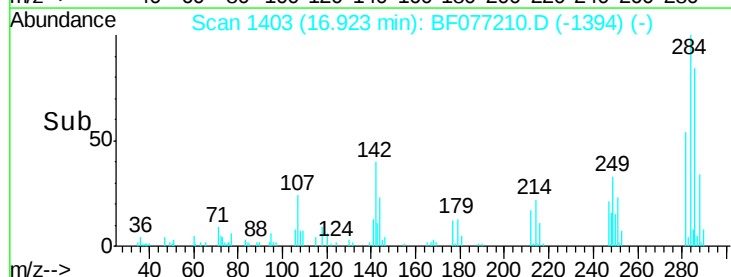
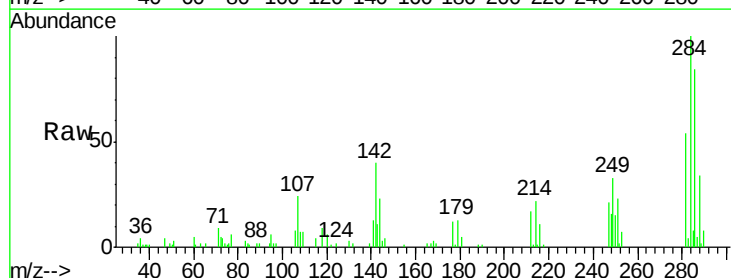
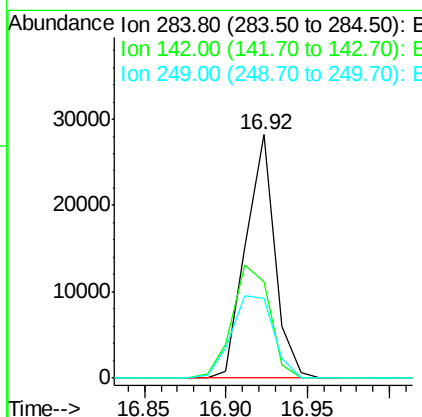
Manual Integrations
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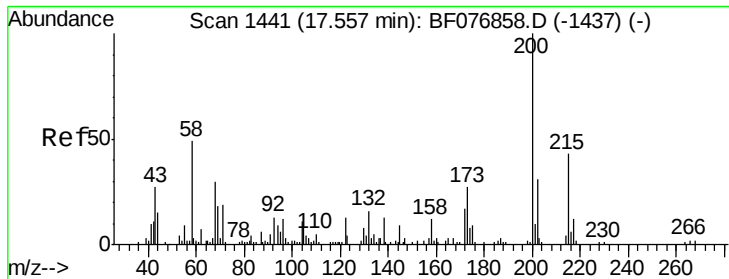
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#67
Hexachlorobenzene
Concen: 28.89 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	38.2	57.4
249	32.7	28.2	42.2





#68

Atrazine

Concen: 33.12 ng

RT: 17.30 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF077210.D

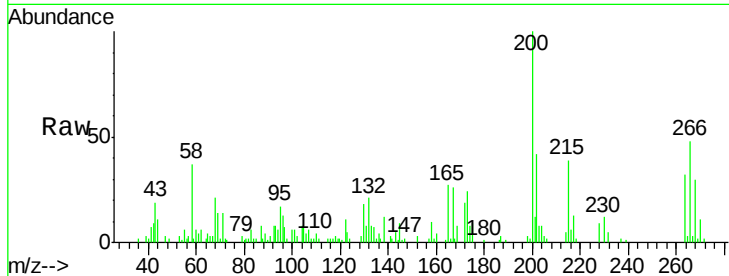
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampled :

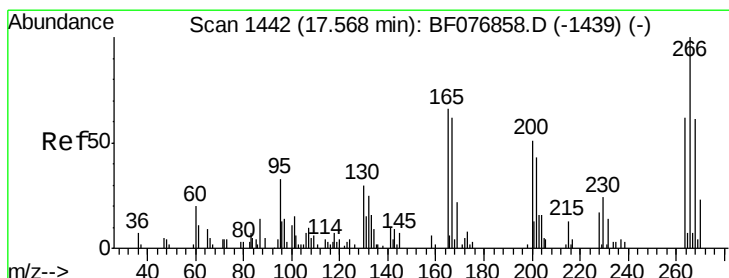
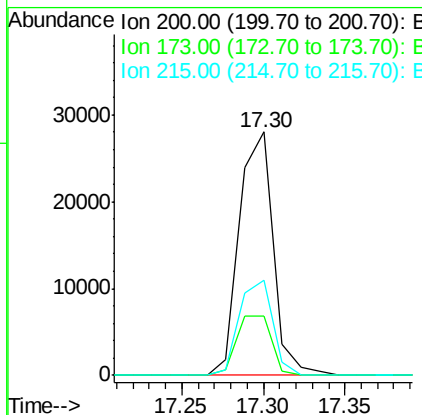
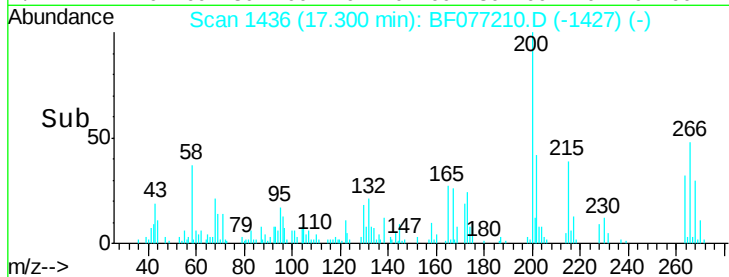
PB81634BS



Tgt Ion:	200	Resp:	40457
Ion Ratio	Lower	Upper	
200	100		
173	24.4	6.6	46.6
215	38.9	22.9	62.9

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#69

Pentachlorophenol

Concen: 43.46 ng

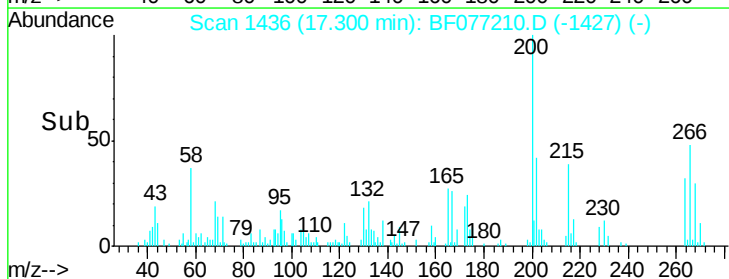
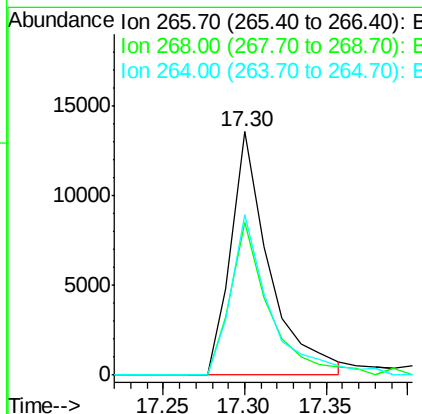
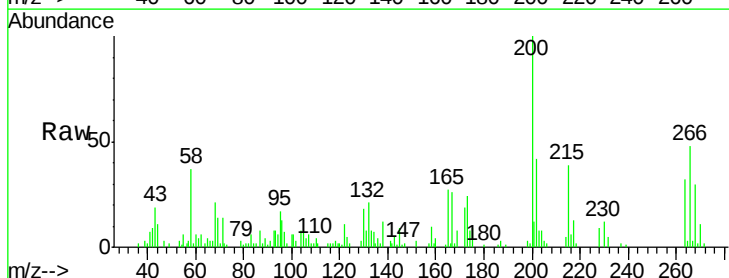
RT: 17.30 min Scan# 1436

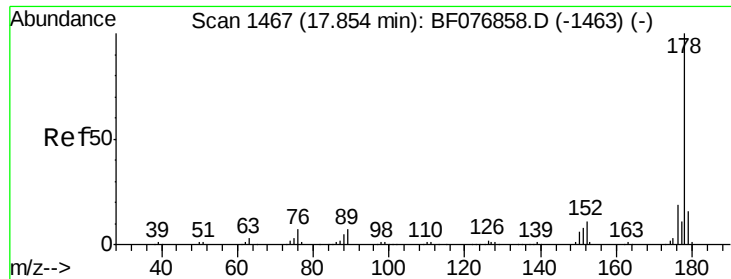
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	266	Resp:	22117
Ion Ratio	Lower	Upper	
266	100		
268	62.9	48.6	72.8
264	65.7	49.5	74.3





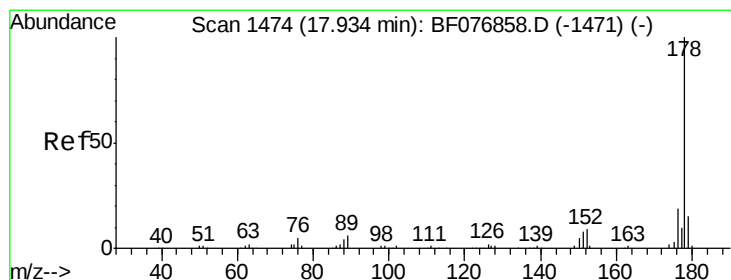
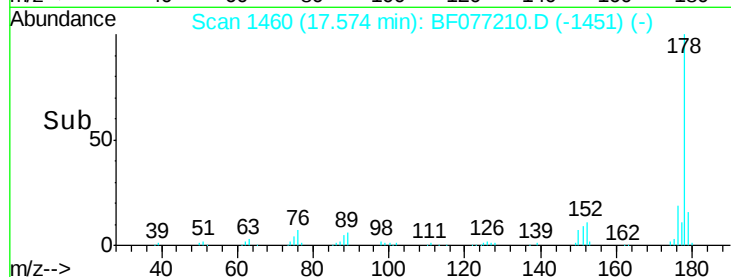
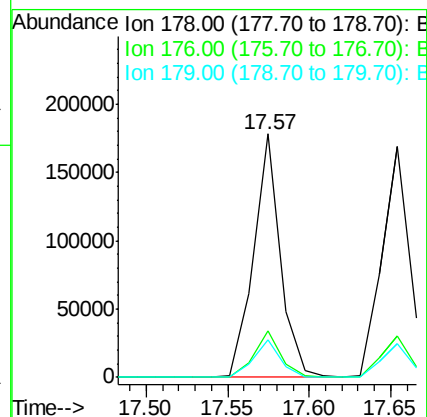
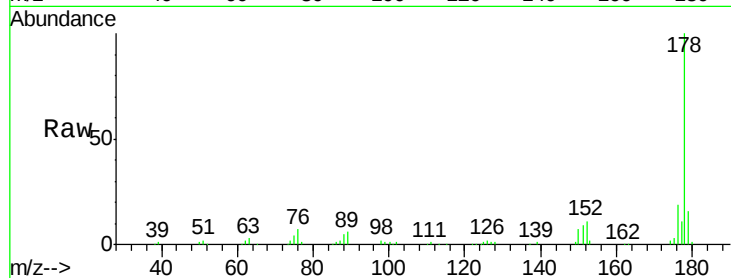
#70
Phenanthrene
Concen: 28.74 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	202348		
176	19.3	15.1	22.7	
179	15.5	12.7	19.1	

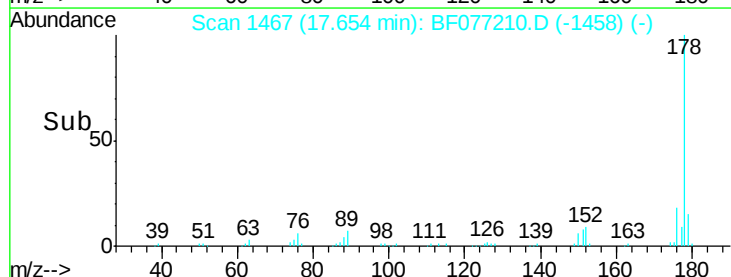
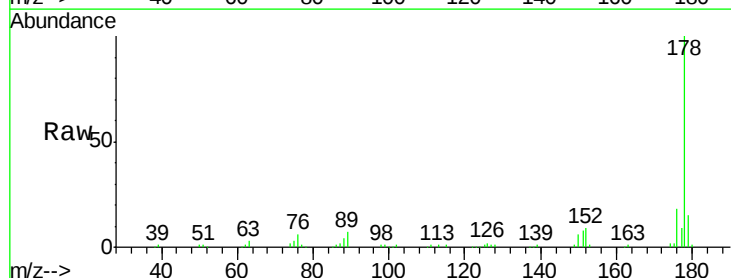
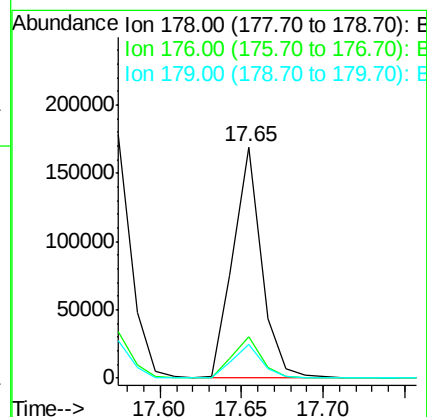
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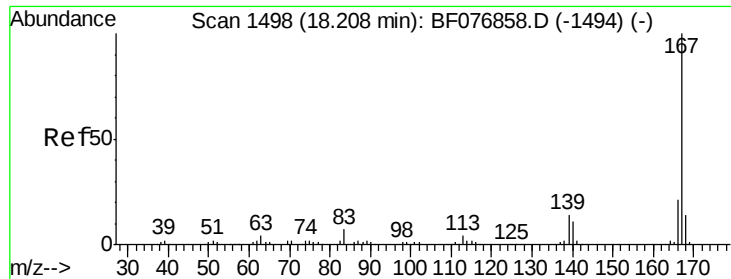
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#71
Anthracene
Concen: 29.66 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	203640		
176	17.8	15.4	23.0	
179	14.8	11.9	17.9	





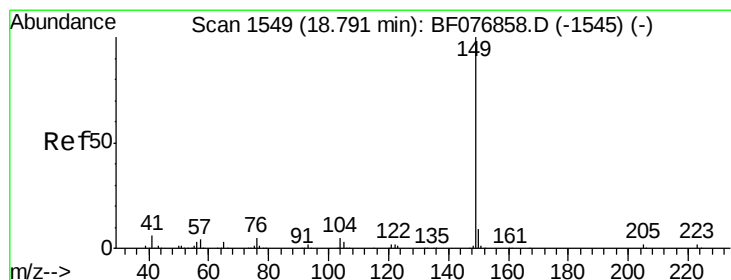
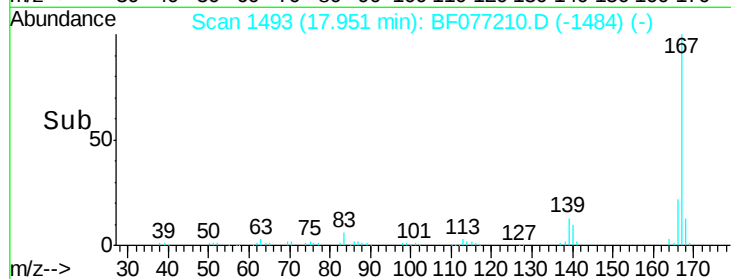
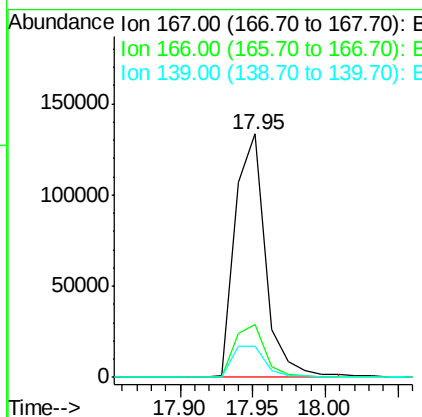
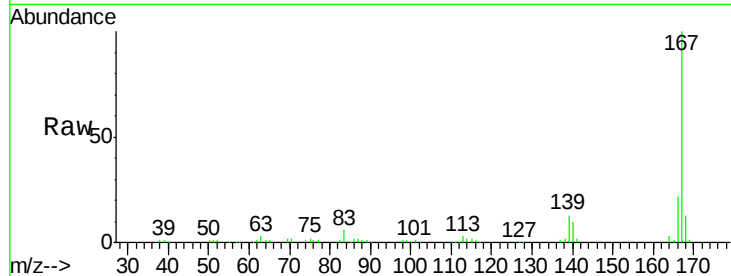
#72
 Carbazole
 Concen: 29.18 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	21.8	17.0	25.6
139	12.9	11.3	16.9

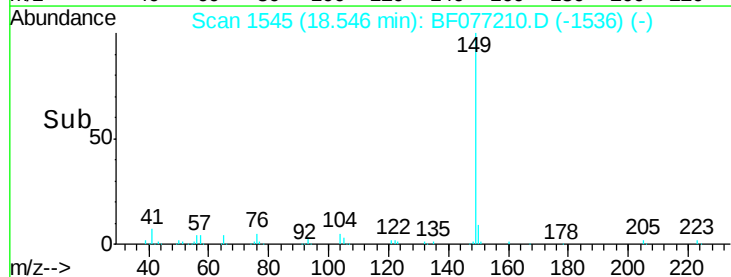
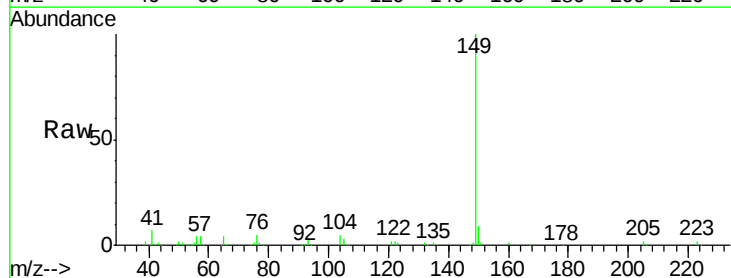
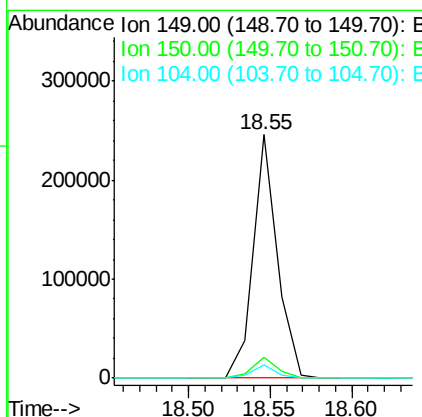
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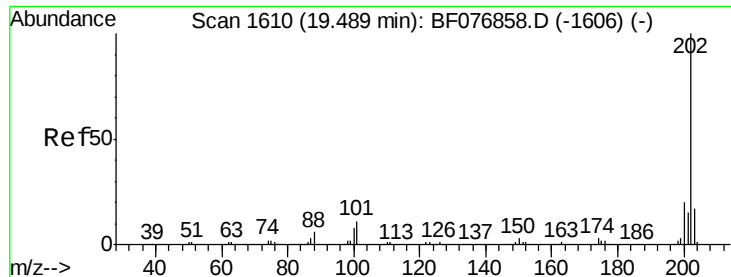
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#73
 Di-n-butylphthalate
 Concen: 32.89 ng
 RT: 18.55 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.8	6.9	10.3
104	5.2	3.7	5.5





#74

Fluoranthene

Concen: 30.07 ng

RT: 19.23 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF077210.D

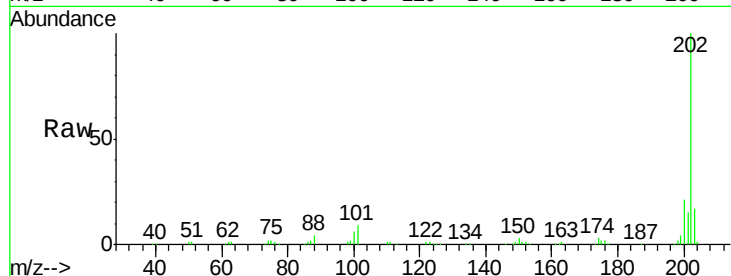
Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

ClientSampleId :

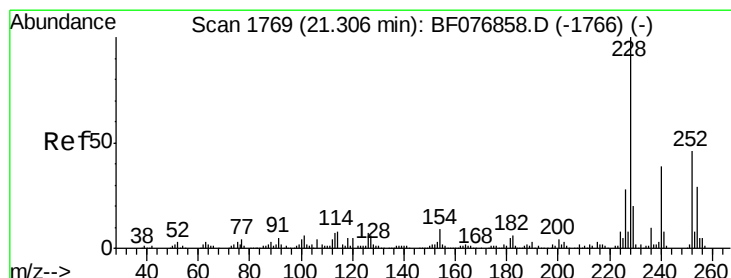
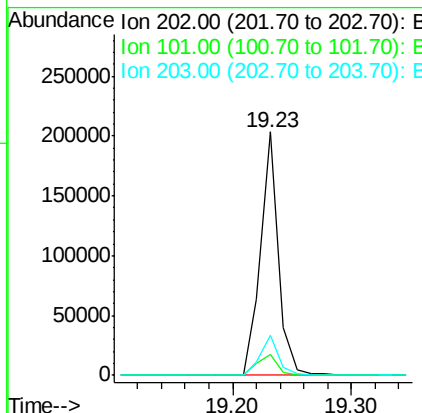
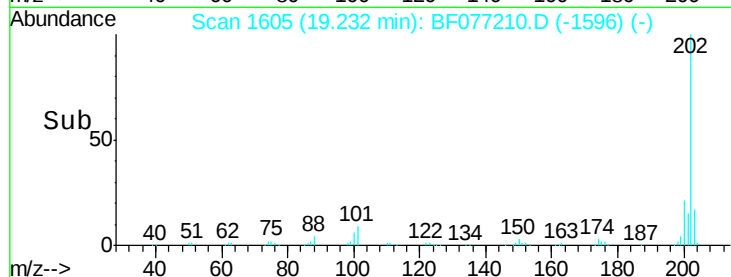
PB81634BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	216945		
101	8.8	0.0	30.7	
203	16.6	0.0	36.9	

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#75

Chrysene-d12

Concen: 20.00 ng

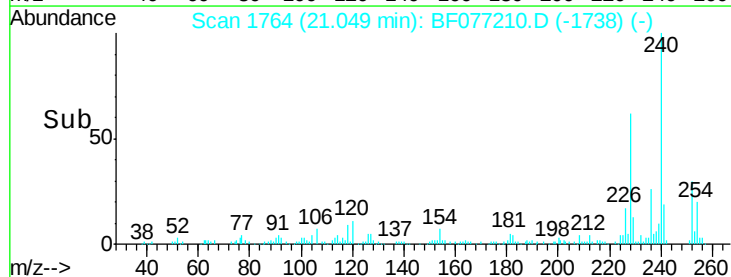
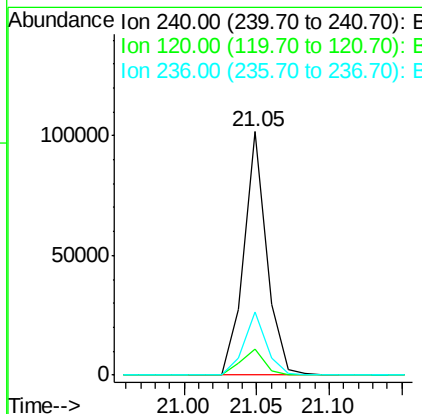
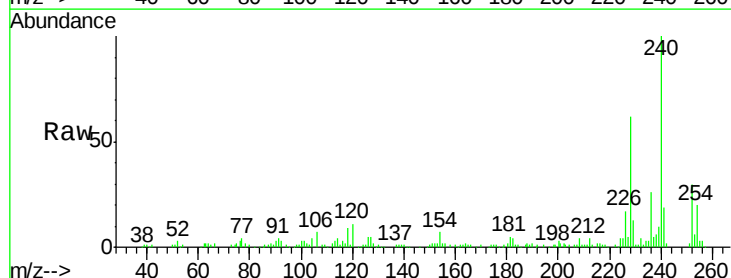
RT: 21.05 min Scan# 1764

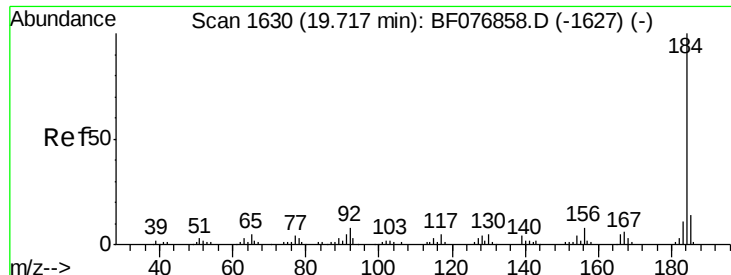
Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	110974		
120	10.7	10.4	15.6	
236	25.7	20.2	30.2	





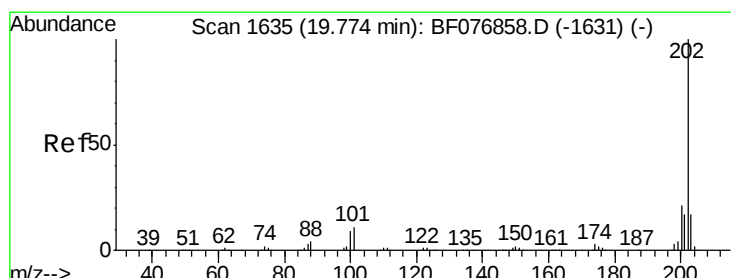
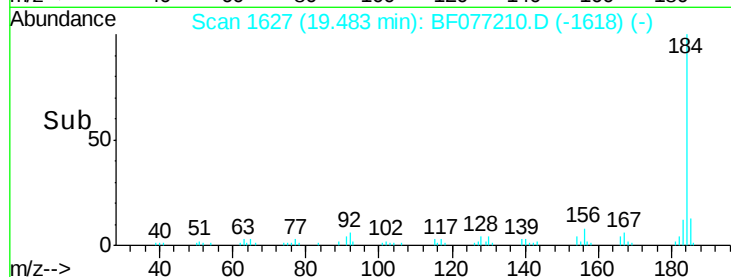
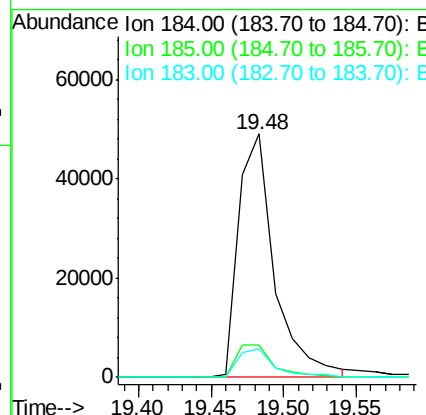
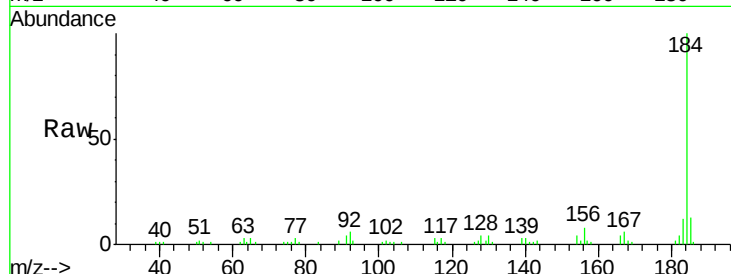
#76
Benzidine
Concen: 23.88 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	84799		
185	13.4		11.4	17.2
183	12.0		9.0	13.6

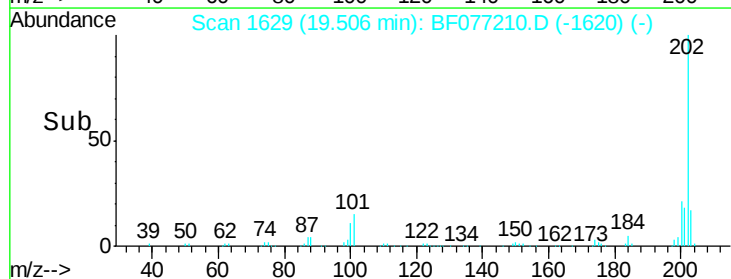
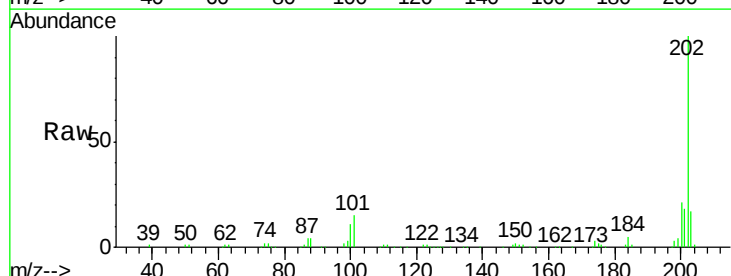
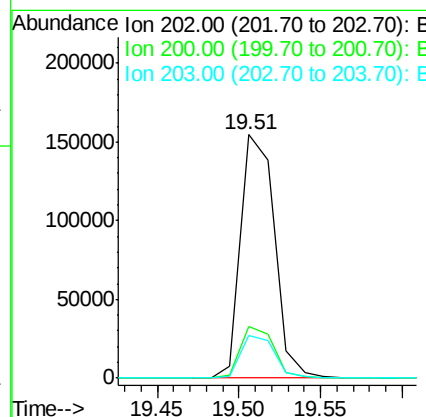
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#77
Pyrene
Concen: 29.16 ng
RT: 19.51 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	221810		
200	21.2		16.7	25.1
203	17.4		14.0	21.0





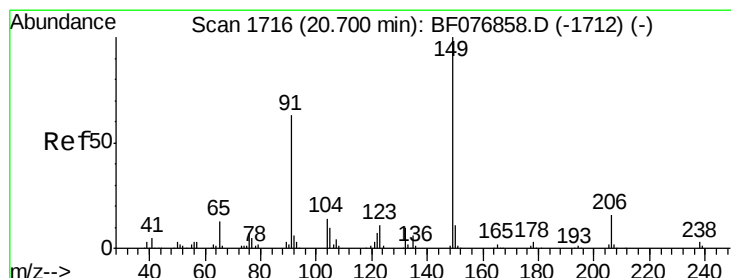
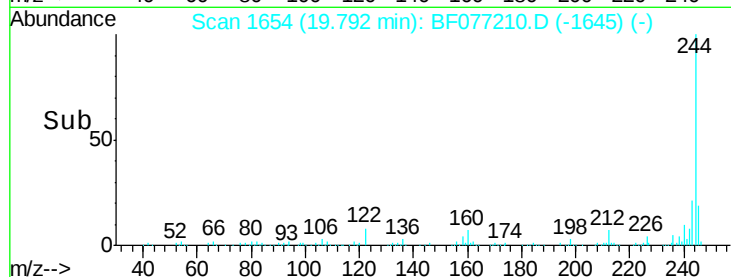
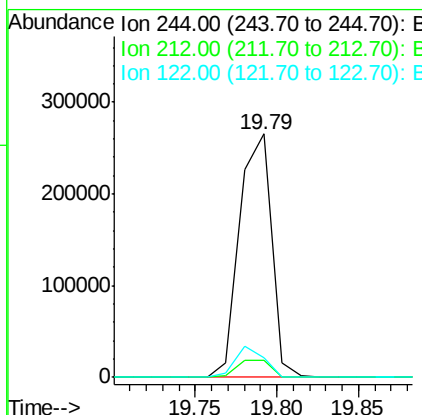
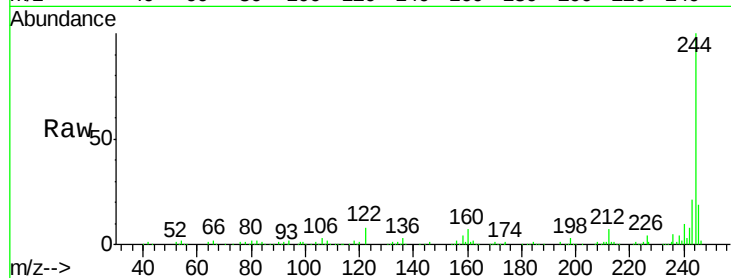
#78
 Terphenyl-d14
 Concen: 74.86 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.3	9.5
122	7.8	10.1	15.1#

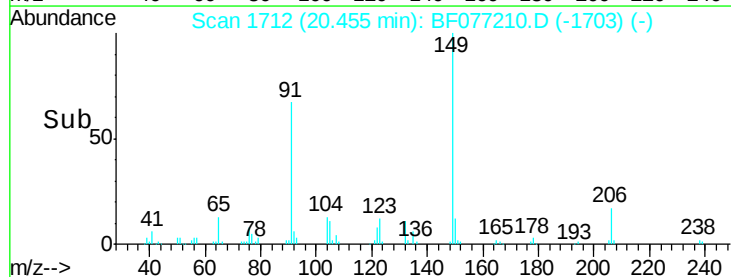
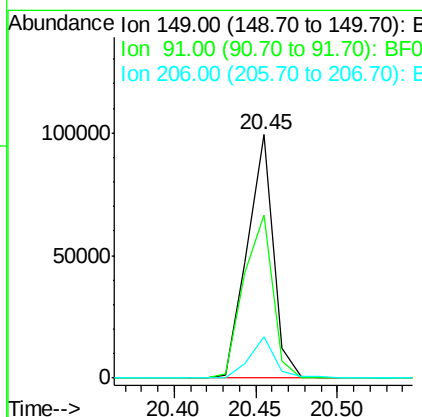
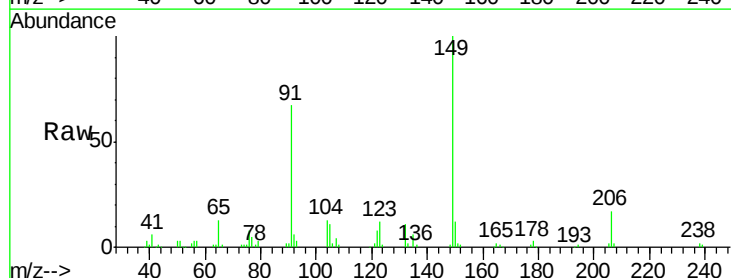
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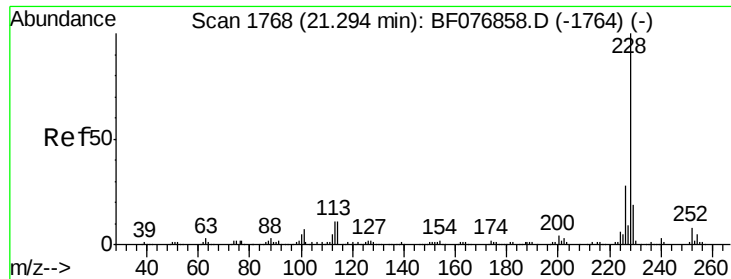
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#79
 Butylbenzylphthalate
 Concen: 31.93 ng
 RT: 20.45 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.8	50.6	76.0
206	17.1	12.8	19.2





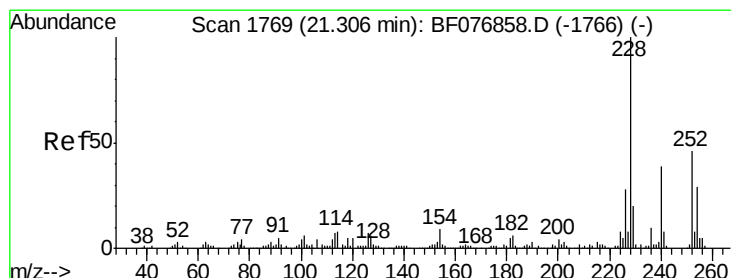
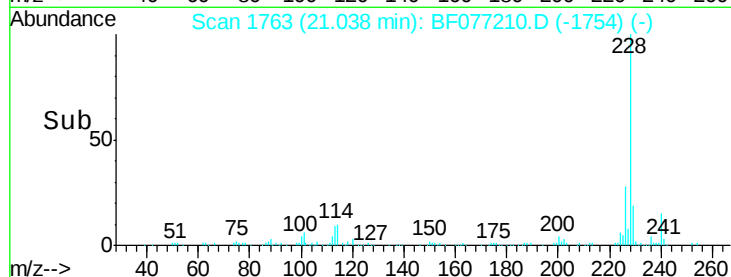
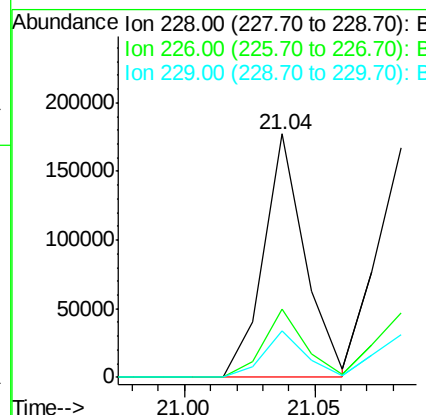
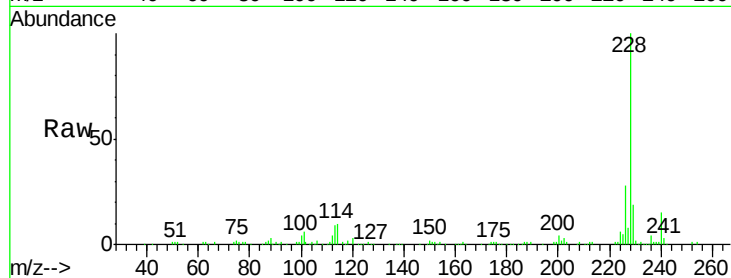
#80
Benzo(a)anthracene
Concen: 28.24 ng
RT: 21.04 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	19.0	15.5	23.3

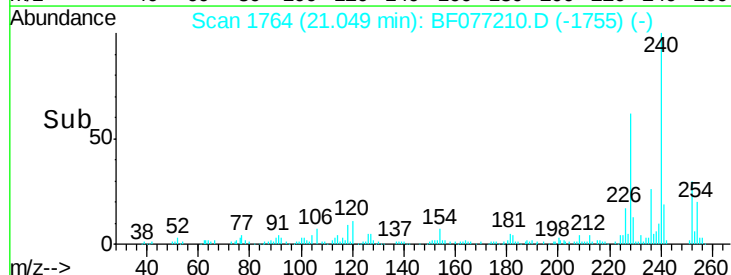
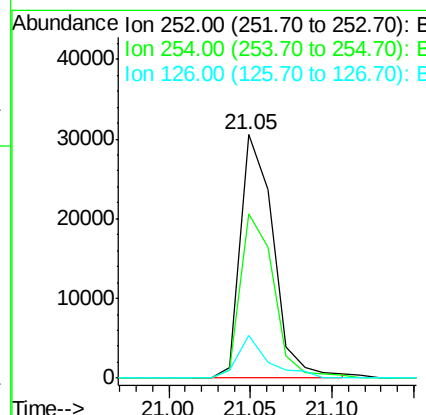
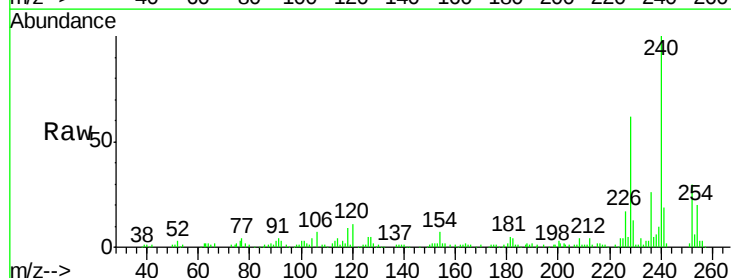
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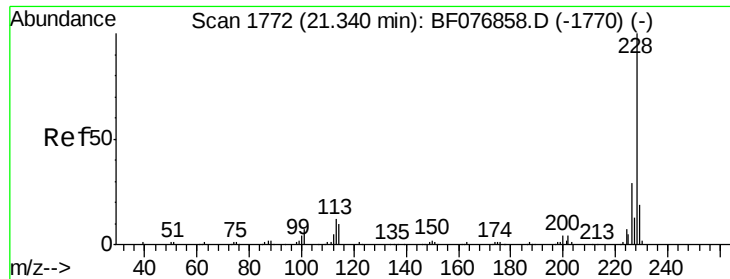
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#81
3,3'-Dichlorobenzidine
Concen: 19.20 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	50.2	75.4
126	17.5	11.5	17.3





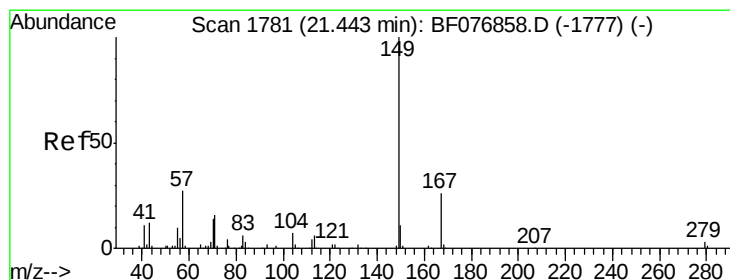
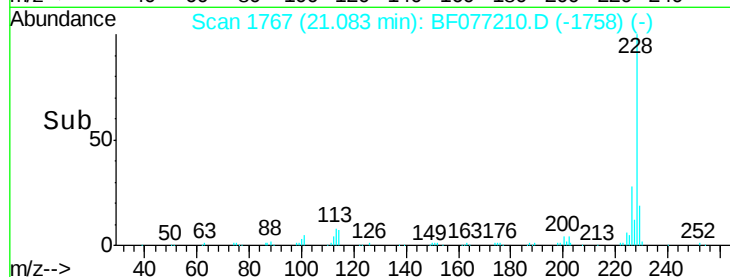
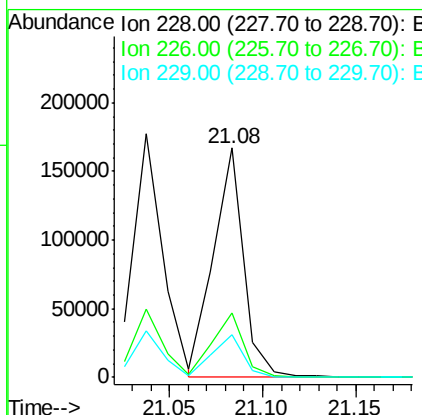
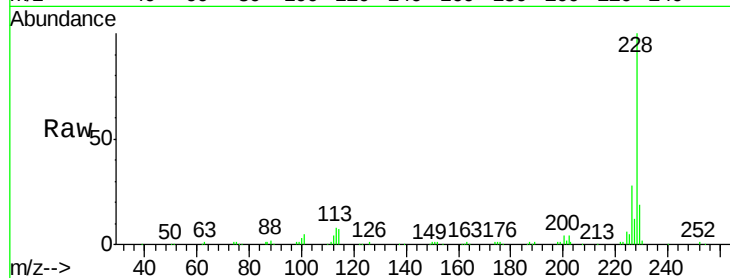
#82
 Chrysene
 Concen: 29.49 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	187216		
226	28.1	23.4	35.0	
229	18.7	15.4	23.0	

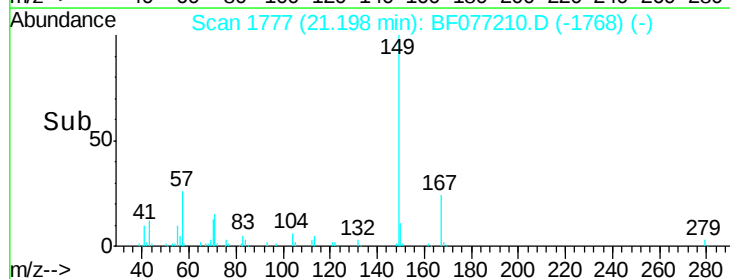
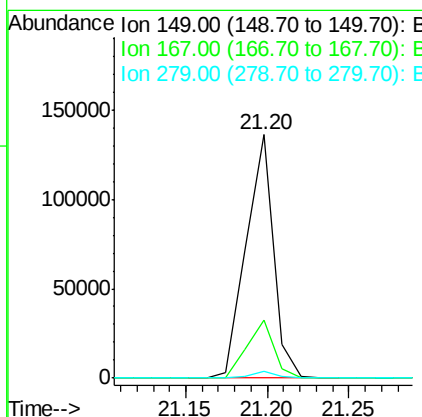
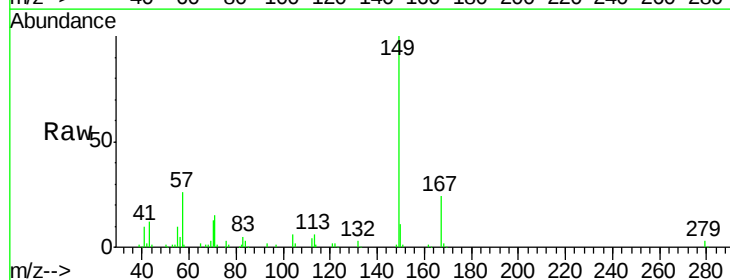
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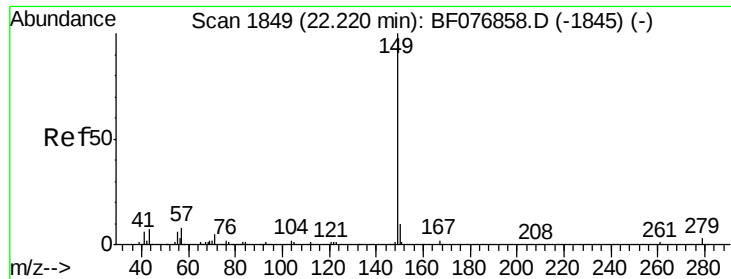
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.08 ng
 RT: 21.20 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF077210.D
 Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	157659		
167	23.9	20.6	30.8	
279	2.6	2.2	3.2	





#84

Di-n-octyl phthalate

Concen: 32.58 ng

RT: 21.95 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Instrument :

BNA_F

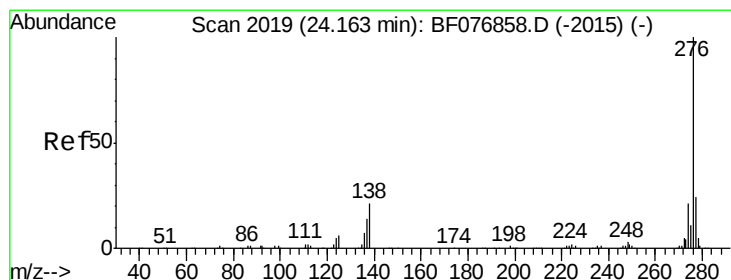
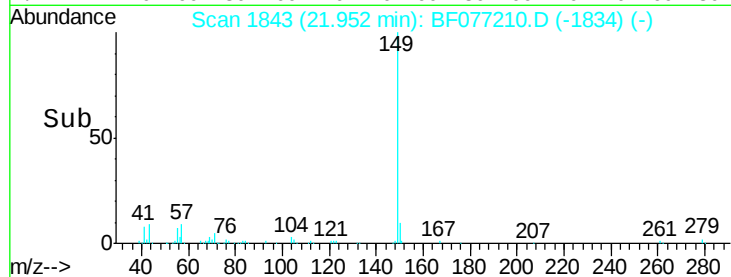
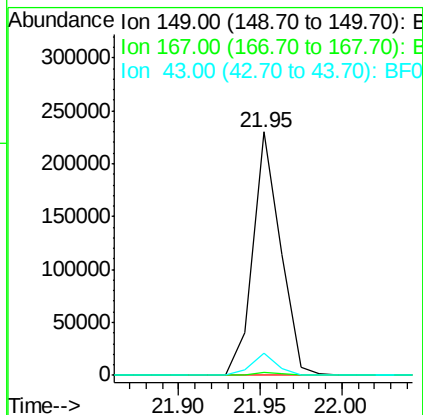
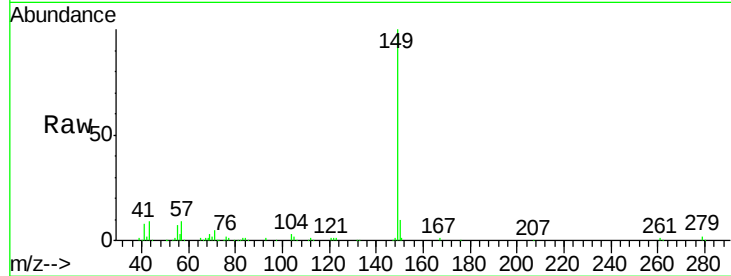
ClientSampleId :

PB81634BS

Tgt Ion:	149	Resp:	269517
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	8.8	6.6	10.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 27.86 ng

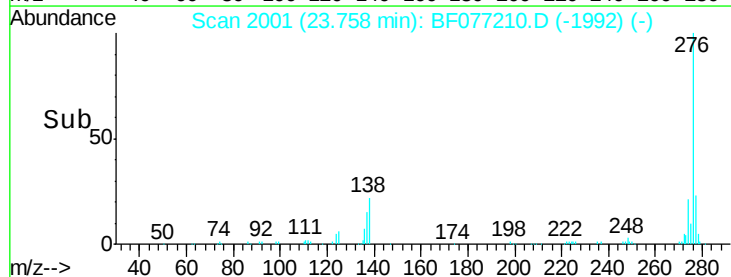
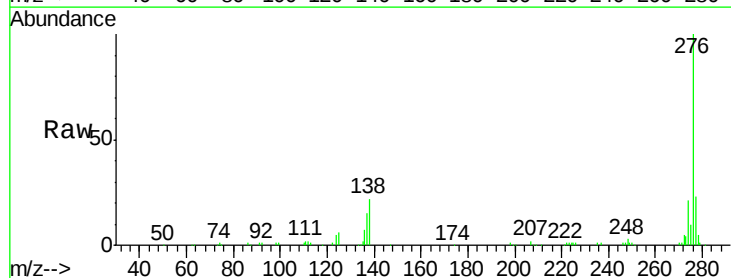
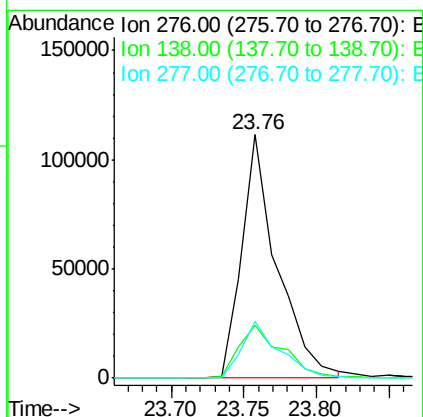
RT: 23.76 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF077210.D

Acq: 6 Feb 2015 19:45

Tgt Ion:	276	Resp:	187501
Ion Ratio	Lower	Upper	
276	100		
138	26.9	14.6	22.0#
277	24.8	14.8	22.2#





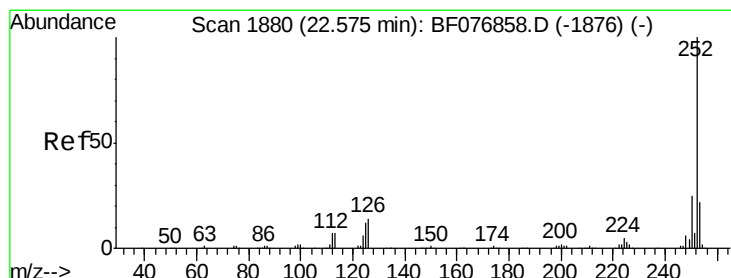
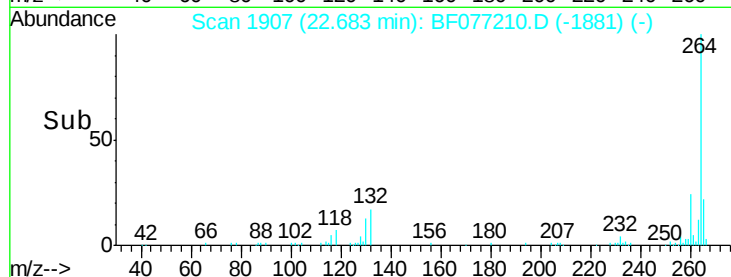
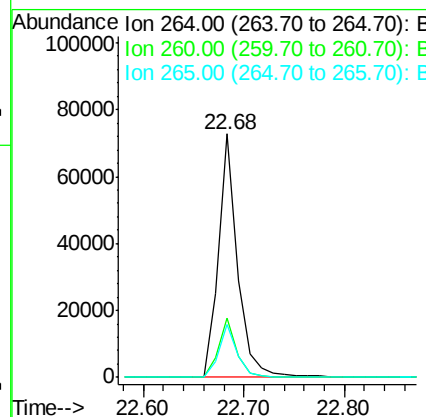
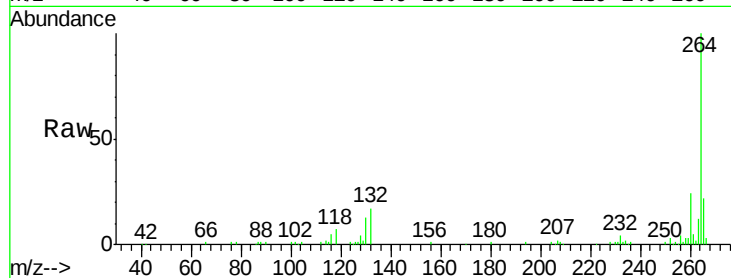
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.68 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.5	18.1	27.1

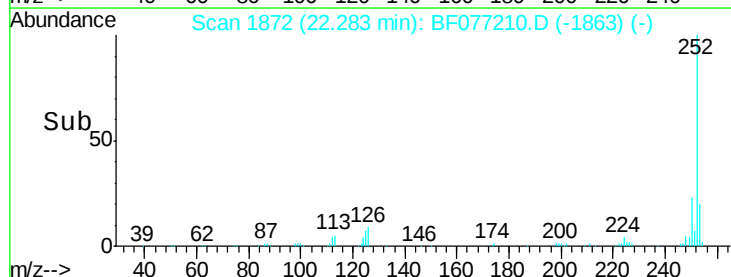
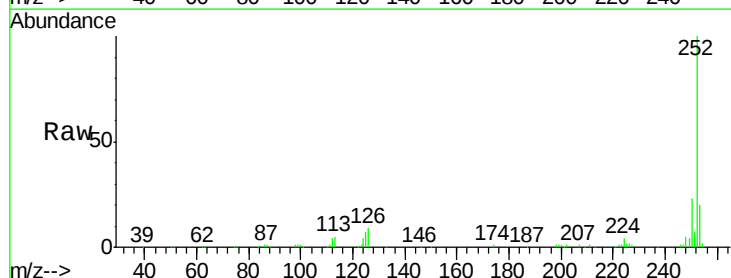
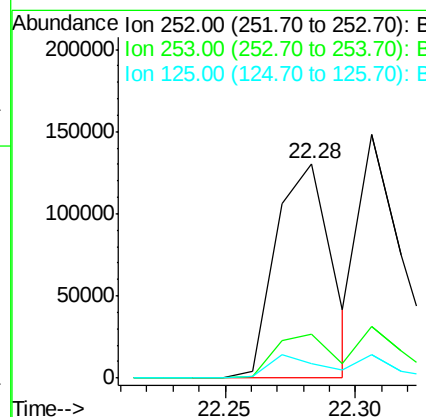
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#87
Benzo(b)fluoranthene
Concen: 30.03 ng
RT: 22.28 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.5	26.3
125	6.8	9.4	14.0





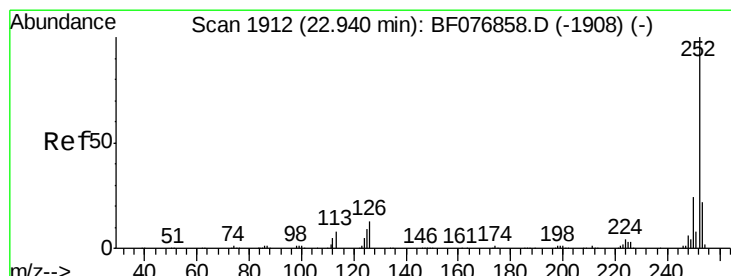
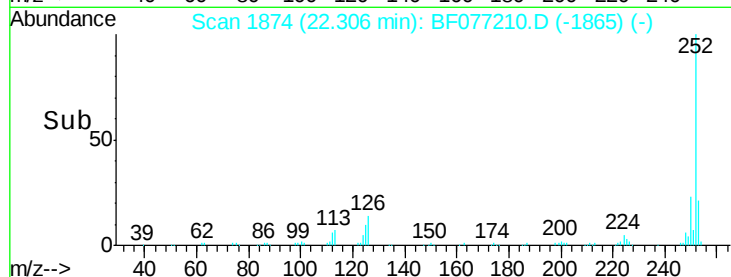
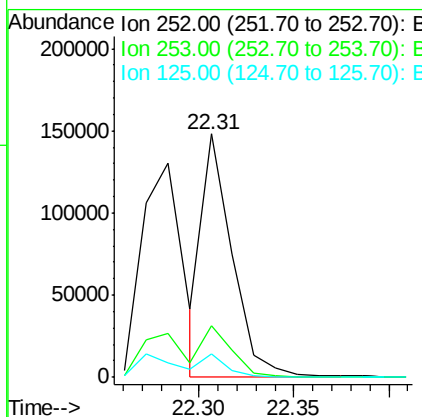
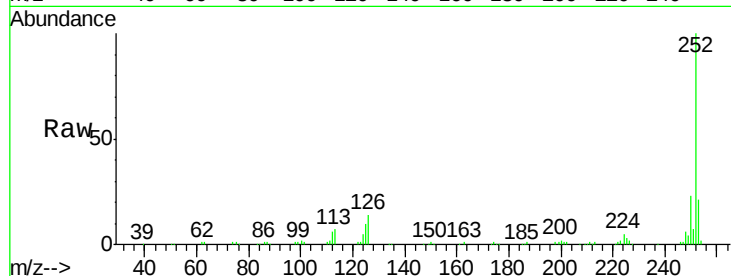
#88
Benzo(k)fluoranthene
Concen: 30.05 ng m
RT: 22.31 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.6	7.1	10.7

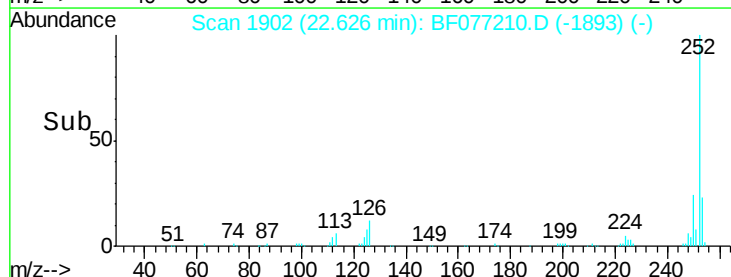
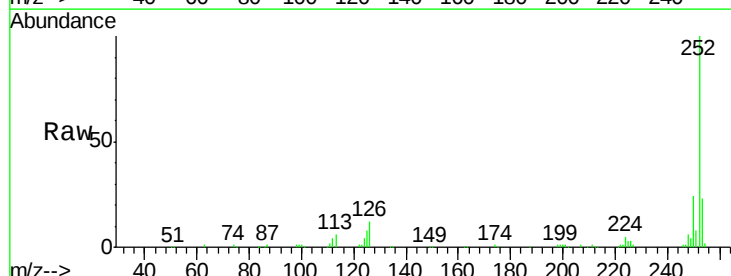
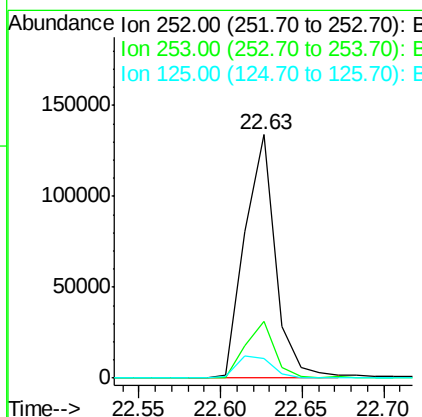
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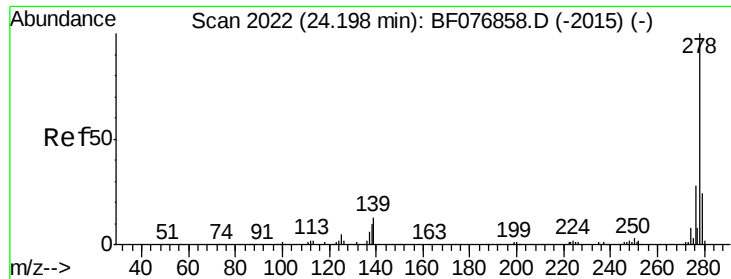
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#89
Benzo(a)pyrene
Concen: 30.71 ng
RT: 22.63 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	8.1	7.2	10.8





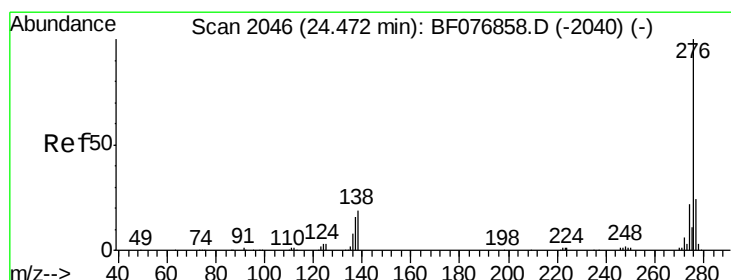
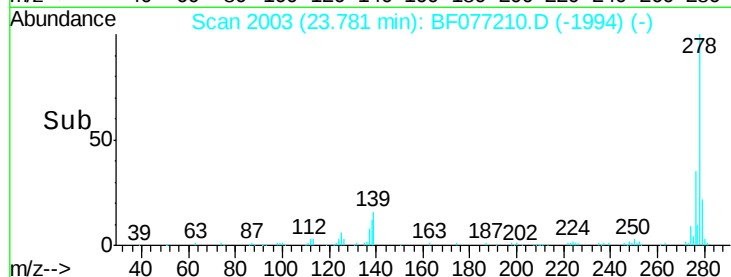
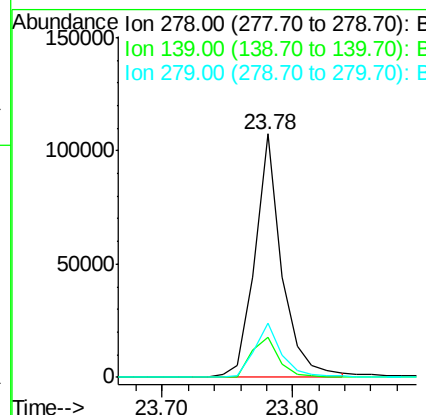
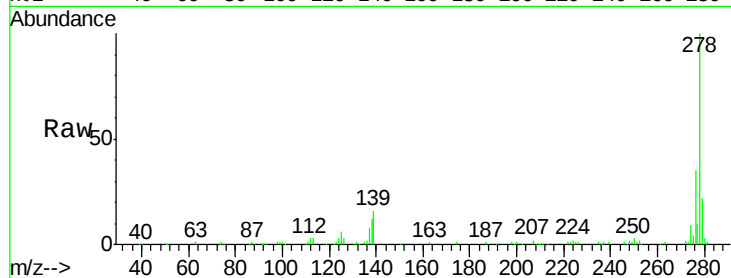
#90
Dibenzo(a,h)anthracene
Concen: 29.74 ng
RT: 23.78 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Instrument :
BNA_F
ClientSampleId :
PB81634BS

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	155299		
139	16.3	10.5	15.7#	
279	22.1	19.3	28.9	

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#91
Benzo(g,h,i)perylene
Concen: 29.68 ng
RT: 24.02 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF077210.D
Acq: 6 Feb 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	154079		
277	23.6	19.5	29.3	
138	21.2	15.0	22.6	

