

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077050.D
 Acq On : 26 Jan 2015 12:54
 Operator : TP/IZ
 Sample : PB81273BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:28 PM

Quant Time: Jan 27 00:12:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 00:04:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	24940	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	107208	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	58440	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	98925	20.00	ng	0.00
75) Chrysene-d12	21.15	240	96154	20.00	ng	0.00
86) Perylene-d12	22.83	264	87163	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.79	112	181627	119.74	ng	0.00
7) Phenol-d6	7.17	99	224317	117.22	ng	0.00
23) Nitrobenzene-d5	9.06	82	138344	71.49	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	56860	119.86	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	295232	76.88	ng	0.00
78) Terphenyl-d14	19.88	244	308105	73.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.17	88	15676	24.14	ng	95
3) Pyridine	1.61	79	51901	30.88	ng	96
4) n-Nitrosodimethylamine	1.58	42	23792	28.58	ng	87
6) Aniline	7.05	93	57799	21.83	ng	96
8) 2-Chlorophenol	7.29	128	62412	35.69	ng	92
9) Benzaldehyde	6.77	77	23302	19.26	ng	93
10) Phenol	7.19	94	73437	36.14	ng	91
11) bis(2-Chloroethyl)ether	7.30	93	58627	36.87	ng	# 79
12) 1,3-Dichlorobenzene	7.61	146	67649	34.00	ng	94
13) 1,4-Dichlorobenzene	7.80	146	69699	33.04	ng	96
14) 1,2-Dichlorobenzene	8.12	146	68785	35.38	ng	99
15) Benzyl Alcohol	8.21	79	54095	34.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	76801	35.94	ng	88
17) 2-Methylphenol	8.55	107	49692	34.77	ng	96
18) Hexachloroethane	8.86	117	26162	35.65	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	46670	34.84	ng	96
20) 3+4-Methylphenols	8.94	107	64148	33.90	ng	97
22) Acetophenone	8.76	105	94227	35.88	ng	97
24) Nitrobenzene	9.11	77	69358	35.18	ng	99
25) Isophorone	9.70	82	124684	35.38	ng	99
26) 2-Nitrophenol	9.85	139	32658	32.93	ng	96
27) 2,4-Dimethylphenol	10.13	122	56293	36.93	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	76706	38.29	ng	97
29) 2,4-Dichlorophenol	10.45	162	52976	37.28	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	55231	35.00	ng	91
31) Naphthalene	10.72	128	191897	34.77	ng	98
32) Benzoic acid	10.51	122	24253m	28.72	ng	
33) 4-Chloroaniline	10.97	127	45229	20.28	ng	97
34) Hexachlorobutadiene	11.09	225	32901	35.14	ng	98
35) Caprolactam	11.82	113	14072	33.64	ng	98
36) 4-Chloro-3-methylphenol	12.28	107	58062	35.69	ng	97
37) 2-Methylnaphthalene	12.38	142	137216	36.40	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	52485	36.33	ng	98
40) Hexachlorocyclopentadiene	12.77	237	56442	72.99	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	36241	34.43	ng	93
43) 2,4,5-Trichlorophenol	13.21	196	36100	33.62	ng	97
45) 1,1'-Biphenyl	13.53	154	158583	36.60	ng	99
46) 2-Chloronaphthalene	13.50	162	128292	35.99	ng	98
47) 2-Nitroaniline	13.85	65	39243	36.28	ng	# 81
48) Acenaphthylene	14.45	152	209343	34.81	ng	99
49) Dimethylphthalate	14.41	163	156416	37.74	ng	99
50) 2,6-Dinitrotoluene	14.51	165	31821	38.43	ng	97
51) Acenaphthene	14.88	154	115650	33.90	ng	97
52) 3-Nitroaniline	14.85	138	27157	25.98	ng	# 94
53) 2,4-Dinitrophenol	15.13	184	26140	69.14	ng	91
54) Dibenzofuran	15.31	168	183764	36.97	ng	98
55) 4-Nitrophenol	15.44	139	44138	67.94	ng	95
56) 2,4-Dinitrotoluene	15.44	165	44729	36.56	ng	# 86
57) Fluorene	16.05	166	149711	35.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	28994	37.09	ng	# 92
59) Diethylphthalate	16.06	149	161572	38.57	ng	97
60) 4-Chlorophenyl-phenylether	16.15	204	66551	38.63	ng	# 85
61) 4-Nitroaniline	16.20	138	34035	33.07	ng	97
62) Azobenzene	16.44	77	161759	37.07	ng	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	21703	35.09	ng	95
65) n-Nitrosodiphenylamine	16.39	169	123596	35.04	ng	100
66) 4-Bromophenyl-phenylether	17.01	248	37402	37.32	ng	# 86
67) Hexachlorobenzene	17.02	284	39996	37.87	ng	94
68) Atrazine	17.39	200	45414	42.43	ng	93
69) Pentachlorophenol	17.39	266	35357	73.59	ng	97
70) Phenanthrene	17.67	178	220727	35.78	ng	98
71) Anthracene	17.74	178	220834	36.71	ng	99
72) Carbazole	18.04	167	219145	37.56	ng	99
73) Di-n-butylphthalate	18.63	149	266404	39.44	ng	99
74) Fluoranthene	19.32	202	226106	35.77	ng	99
76) Benzidine	19.56	184	107029	34.79	ng	99
77) Pyrene	19.60	202	240337	36.47	ng	98
79) Butylbenzylphthalate	20.54	149	115670	38.76	ng	90
80) Benzo(a)anthracene	21.13	228	213958	35.47	ng	98
81) 3,3'-Dichlorobenzidine	21.15	252	48787	25.45	ng	# 93
82) Chrysene	21.17	228	204707	37.21	ng	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	168343	40.77	ng	98
84) Di-n-octyl phthalate	22.06	149	298374	41.63	ng	99
85) Indeno(1,2,3-cd)pyrene	23.97	276	209151	35.87	ng	# 82
87) Benzo(b)fluoranthene	22.40	252	206621	35.20	ng	# 97
88) Benzo(k)fluoranthene	22.44	252	190566m	37.15	ng	
89) Benzo(a)pyrene	22.76	252	190793	36.85	ng	# 96
90) Dibenzo(a,h)anthracene	23.99	278	176675	37.18	ng	# 97
91) Benzo(g,h,i)perylene	24.24	276	171834	36.38	ng	# 93

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

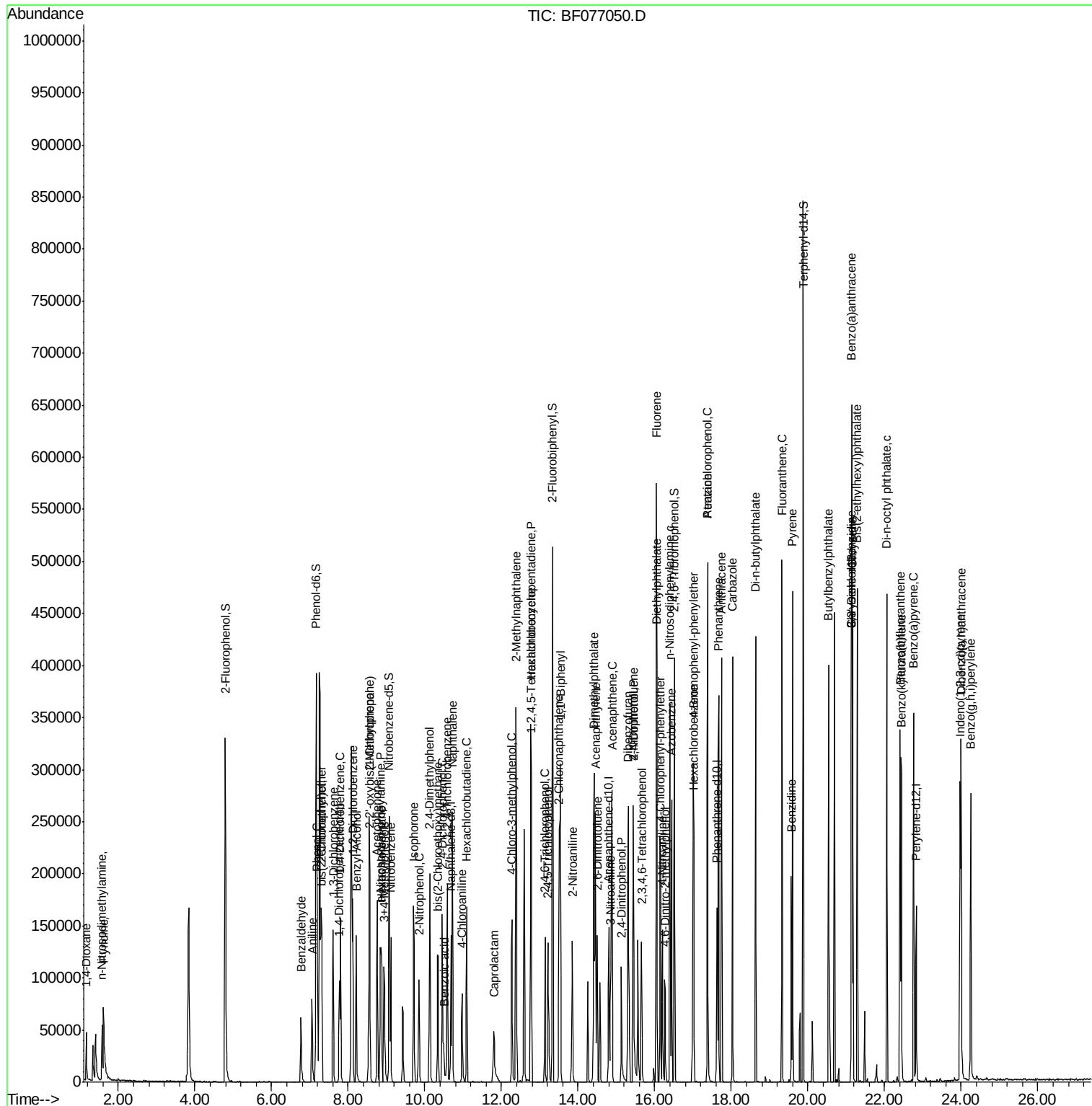
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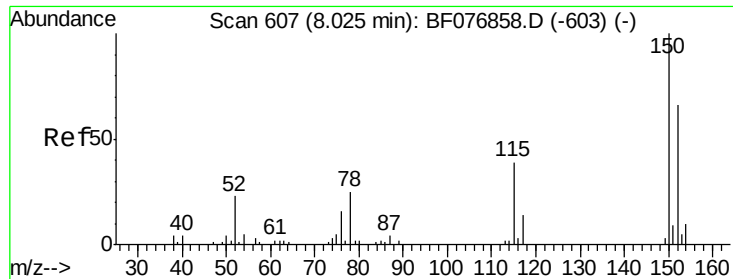
Instrument :
BNA_F
ClientSampled :
PB81273BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

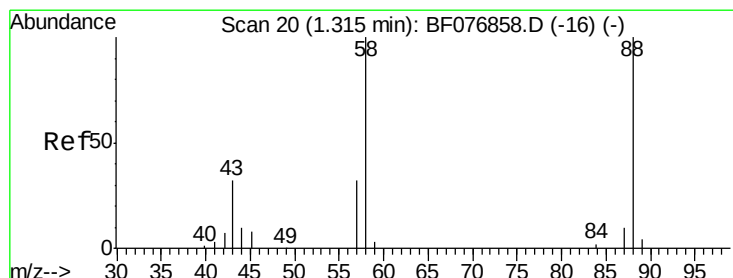
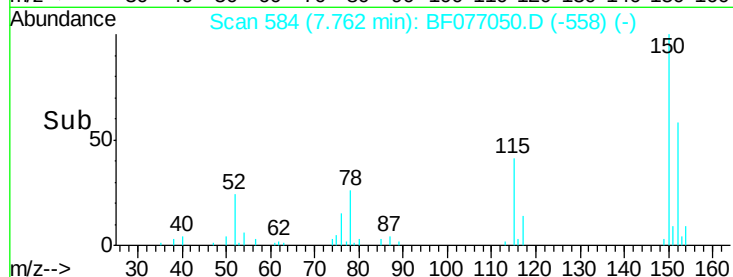
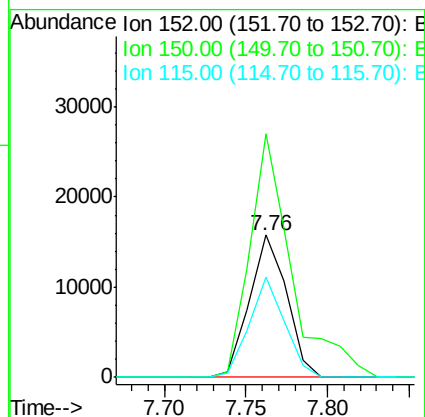
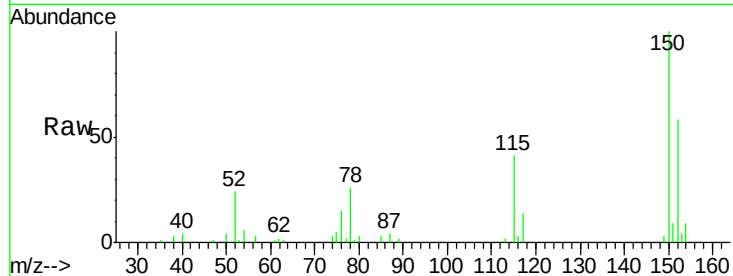
ClientSampleId :

PB81273BS

Tgt Ion:	152	Resp:	24940
Ion Ratio	Lower	Upper	
152	100		
150	171.2	121.7	182.5
115	70.2	47.0	70.6

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#2

1,4-Dioxane

Concen: 24.14 ng

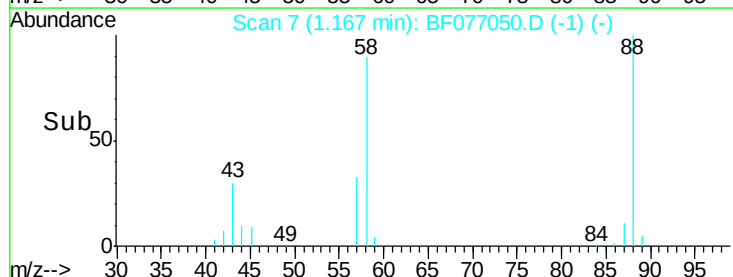
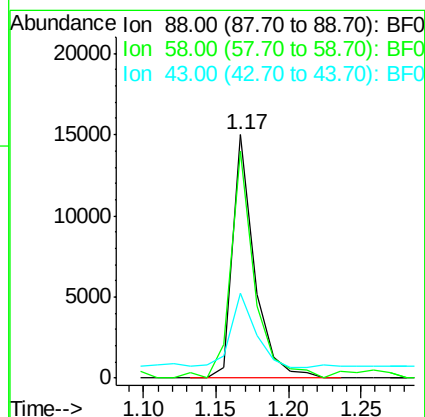
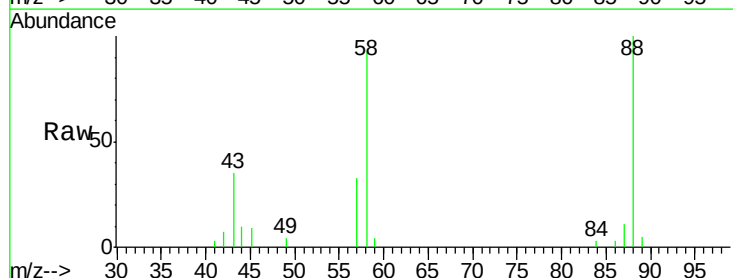
RT: 1.17 min Scan# 7

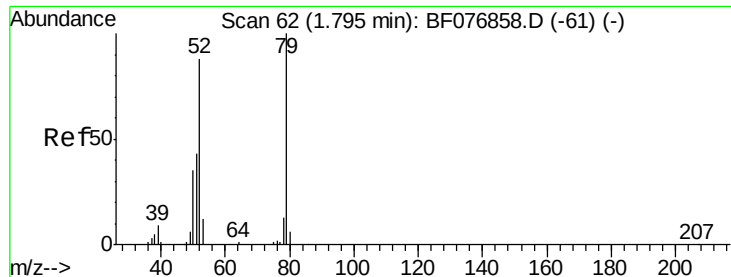
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	88	Resp:	15676
Ion Ratio	Lower	Upper	
88	100		
58	101.1	77.0	115.4
43	35.2	25.6	38.4





#3

Pyridine

Concen: 30.88 ng

RT: 1.61 min Scan# 46

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

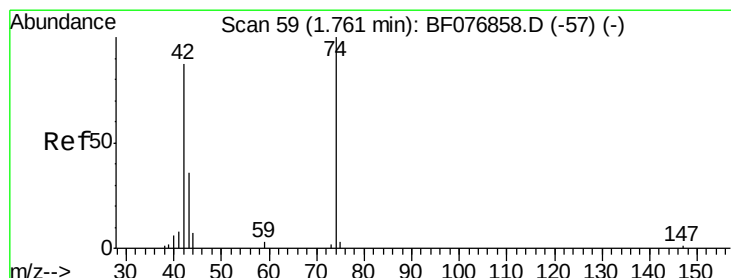
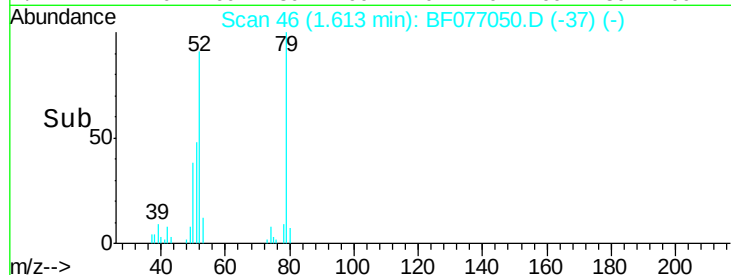
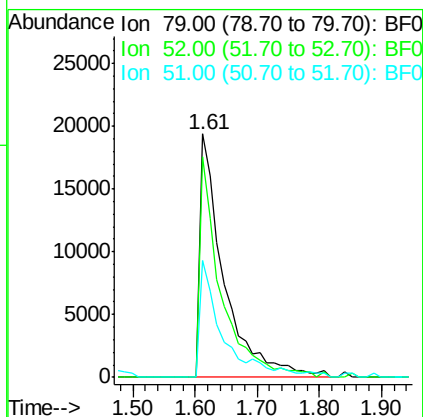
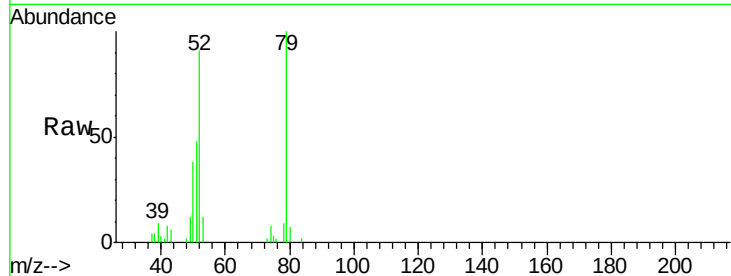
ClientSampleId :

PB81273BS

Tgt Ion:	79	Resp:	51901
Ion	Ratio	Lower	Upper
79	100		
52	90.6	70.1	105.1
51	48.0	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 28.58 ng

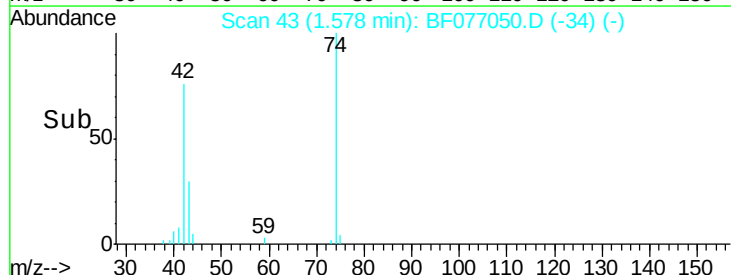
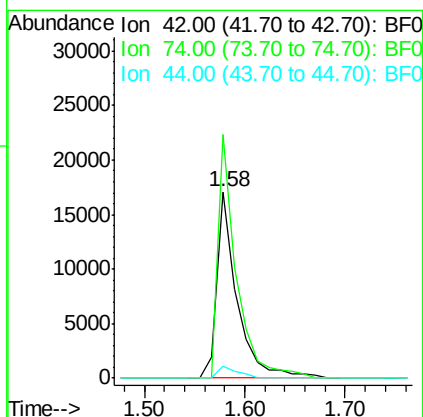
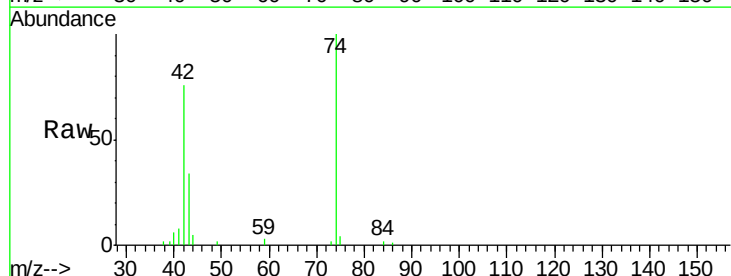
RT: 1.58 min Scan# 43

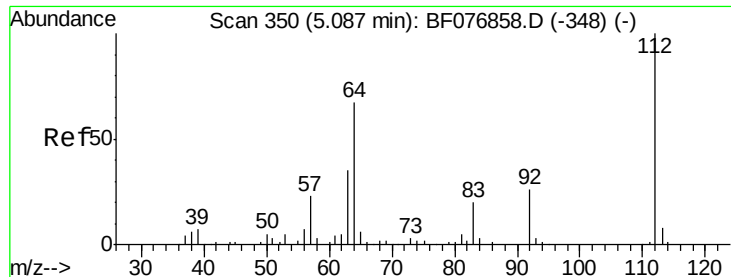
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	42	Resp:	23792
Ion	Ratio	Lower	Upper
42	100		
74	130.7	92.4	138.6
44	6.3	6.2	9.2





#5

2-Fluorophenol

Concen: 119.74 ng

RT: 4.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

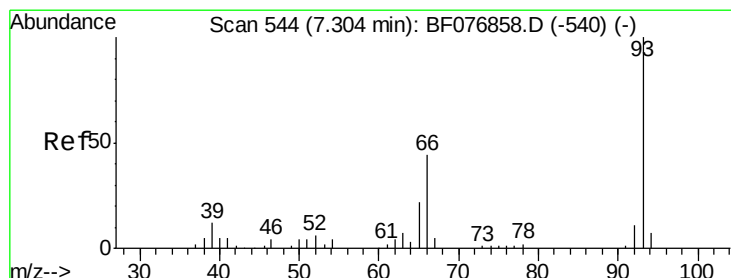
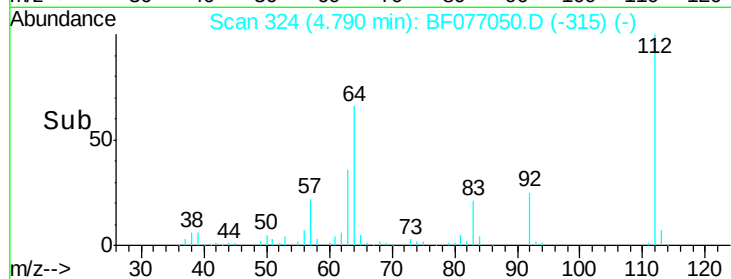
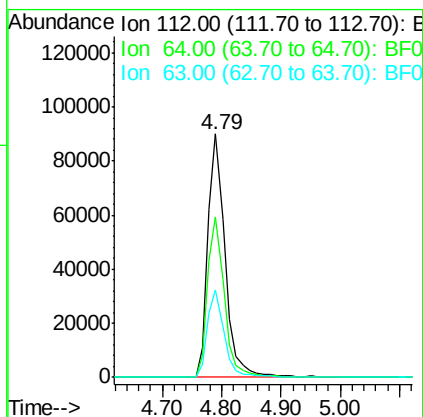
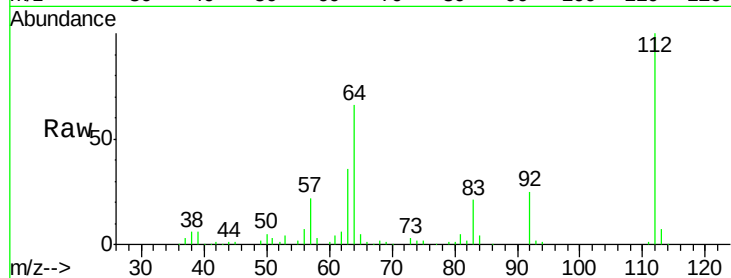
ClientSampleId :

PB81273BS

Tgt Ion:	112	Resp:	181627
Ion Ratio	Lower	Upper	
112	100		
64	65.8	54.2	81.4
63	35.8	28.4	42.6

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#6

Aniline

Concen: 21.83 ng

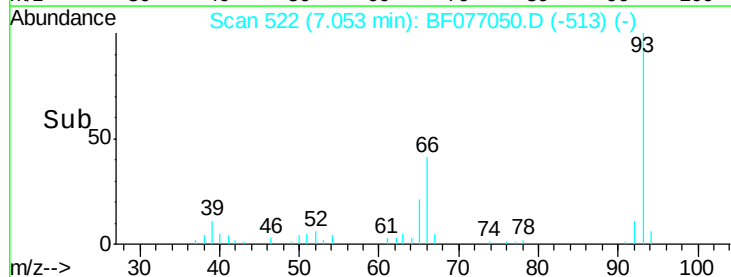
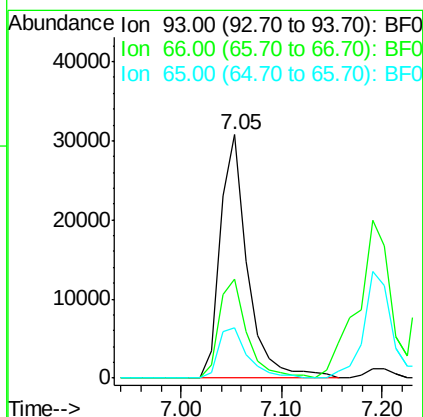
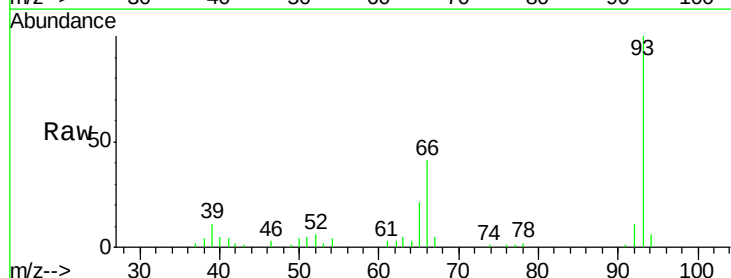
RT: 7.05 min Scan# 522

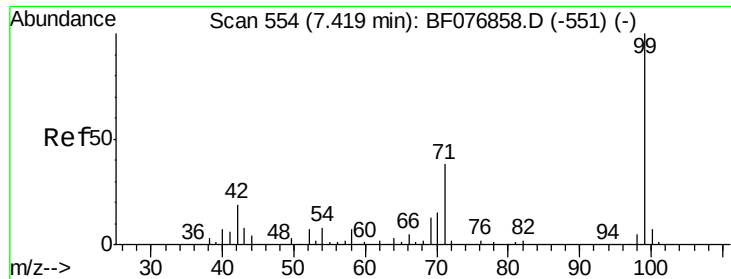
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	93	Resp:	57799
Ion Ratio	Lower	Upper	
93	100		
66	40.8	35.0	52.4
65	20.8	17.7	26.5





#7

Phenol-d6

Concen: 117.22 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

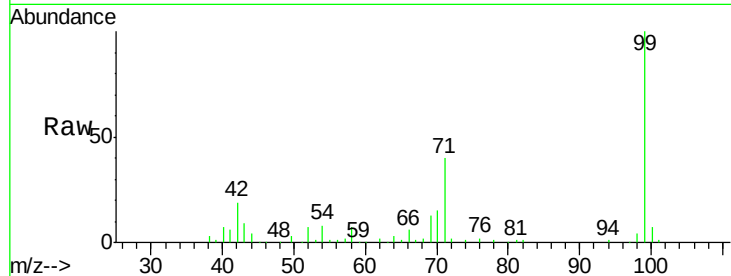
ClientSampleId :

PB81273BS

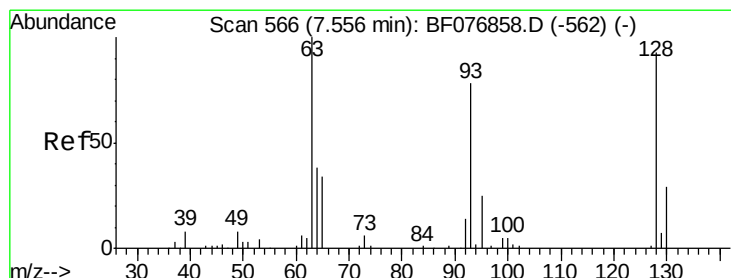
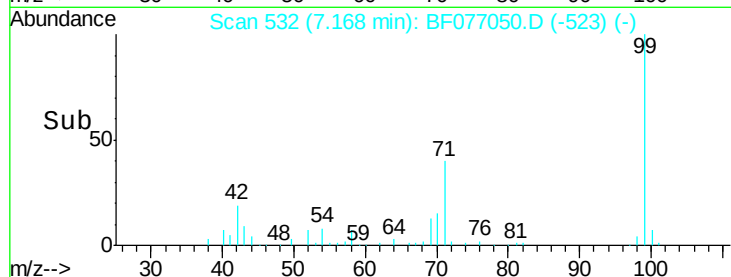
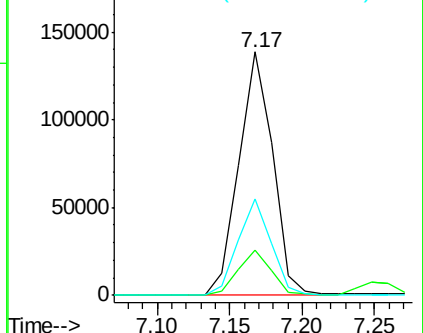
Tgt Ion:	99	Resp:	224317
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.0	22.4
71	39.5	30.5	45.7

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



#8

2-Chlorophenol

Concen: 35.69 ng

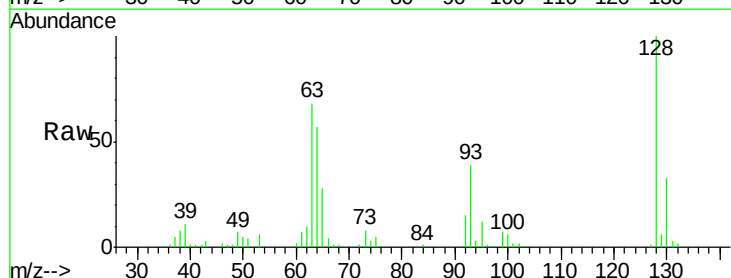
RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

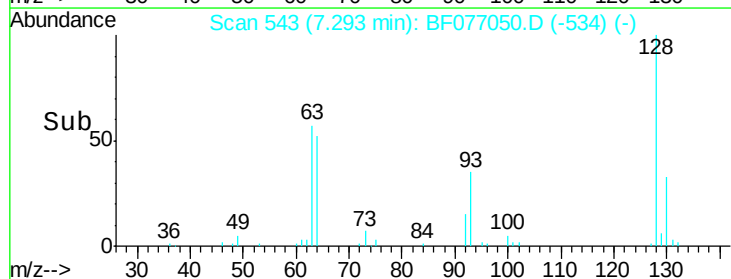
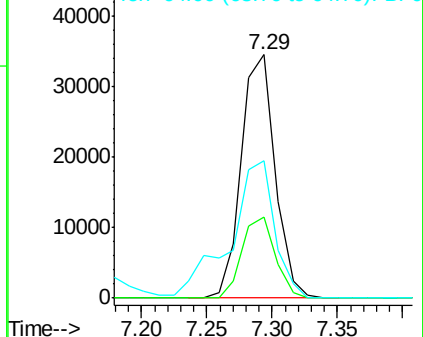
Lab File: BF077050.D

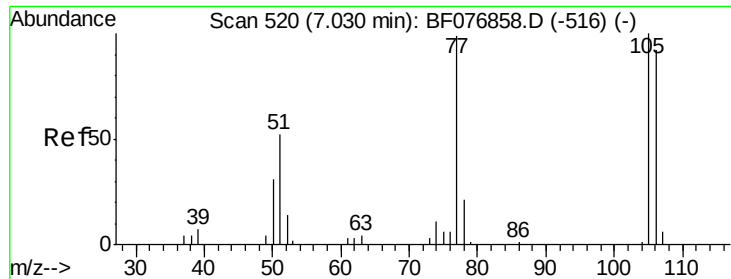
Acq: 26 Jan 2015 12:54

Tgt Ion:	128	Resp:	62412
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.0	51.0
64	56.6	29.3	69.3



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





#9

Benzaldehyde

Concen: 19.26 ng

RT: 6.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077050.D

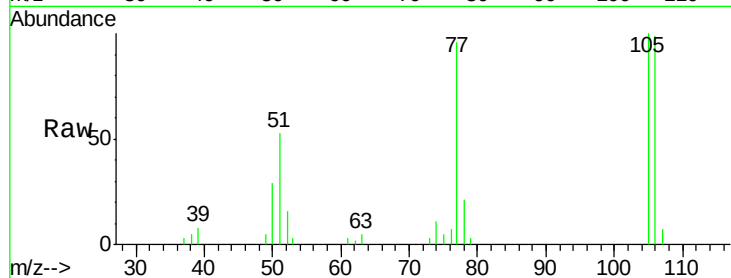
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

PB81273BS



Tgt Ion: 77 Resp: 23302

Ion Ratio Lower Upper

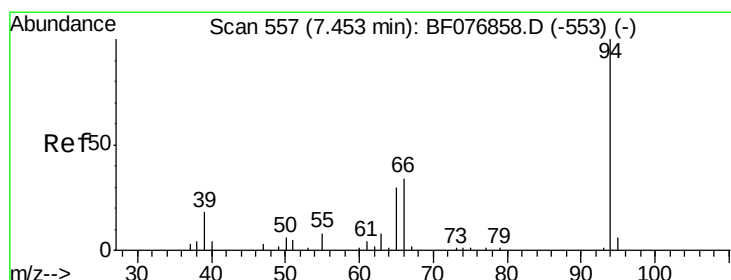
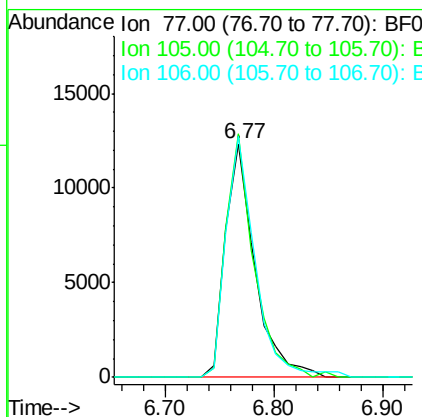
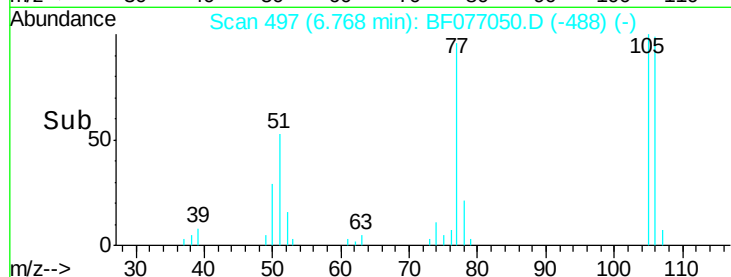
77 100

105 104.3 81.4 121.4

106 103.5 72.8 112.8

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#10

Phenol

Concen: 36.14 ng

RT: 7.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

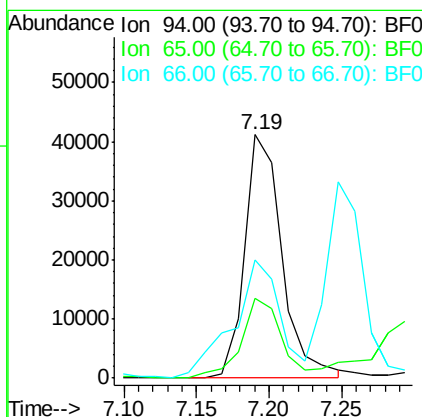
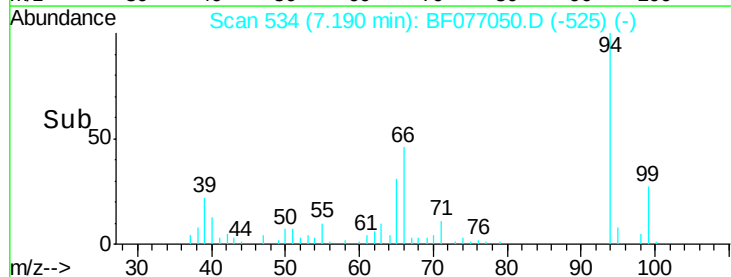
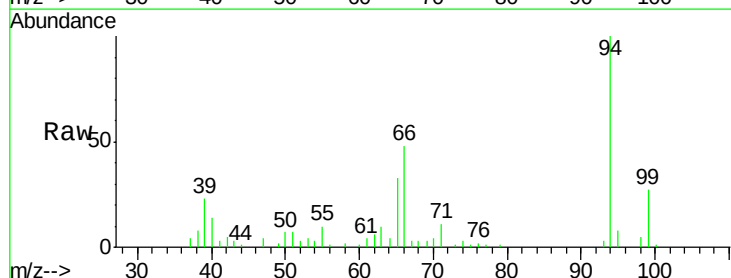
Tgt Ion: 94 Resp: 73437

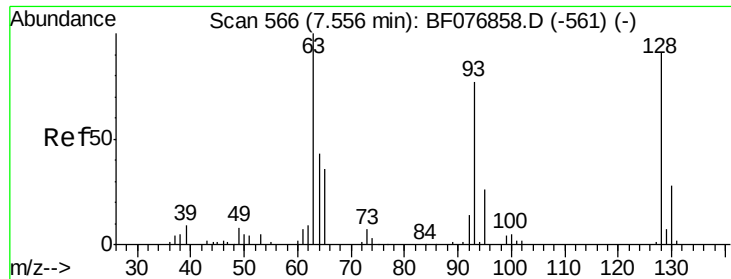
Ion Ratio Lower Upper

94 100

65 32.7 11.3 51.3

66 48.5 19.5 59.5





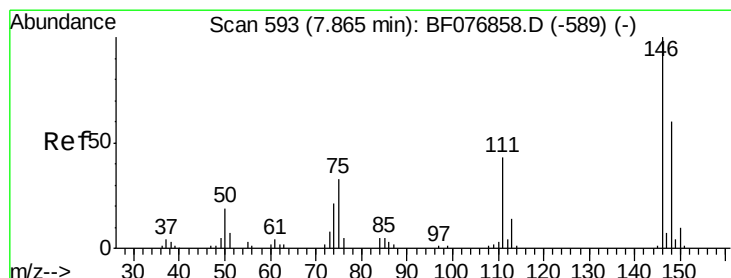
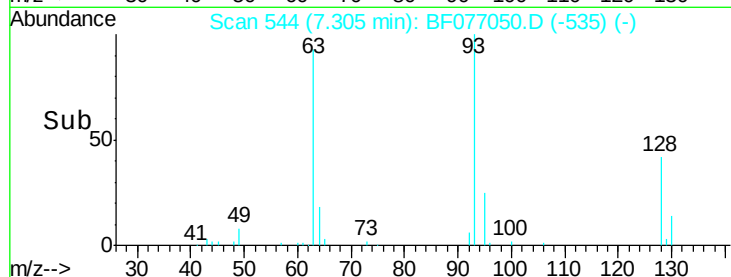
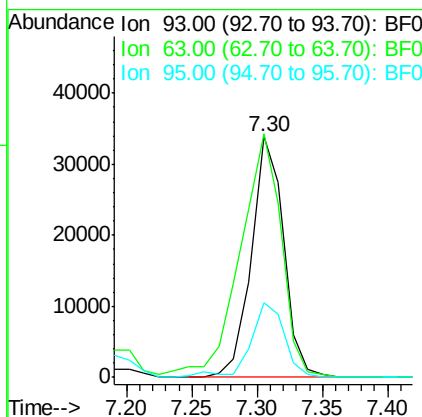
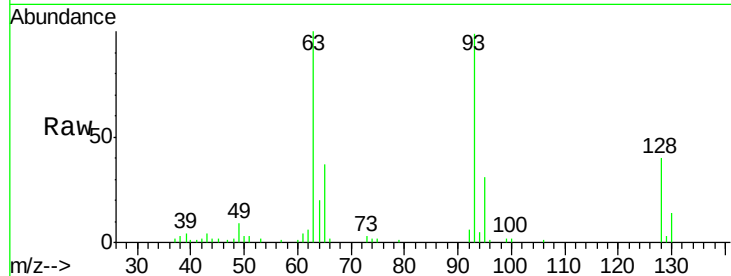
#11
bis(2-Chloroethyl)ether
Concen: 36.87 ng
RT: 7.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion: 93 Resp: 58627
Ion Ratio Lower Upper
93 100
63 101.2 111.3 151.3#
95 31.1 13.8 53.8

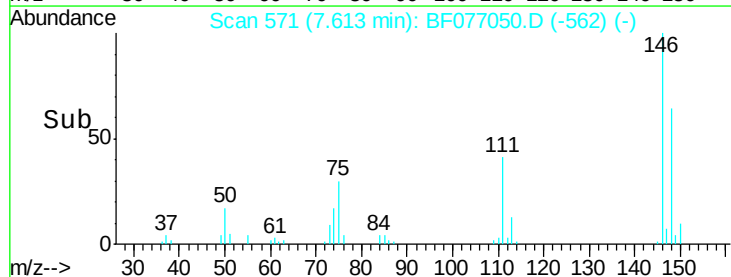
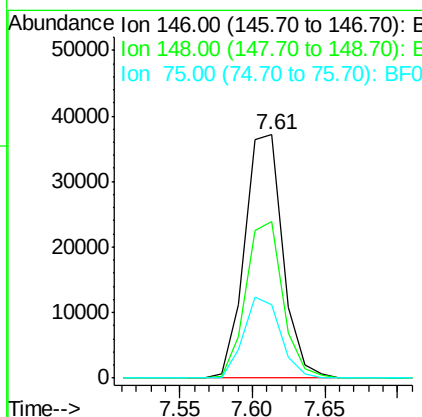
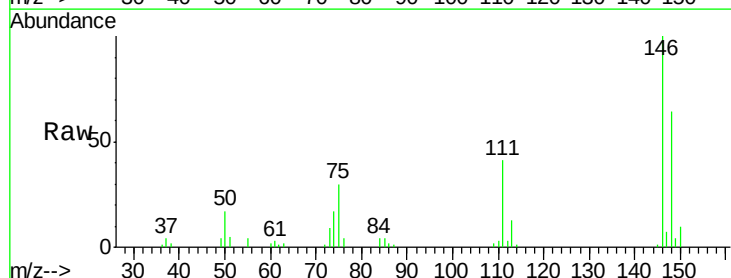
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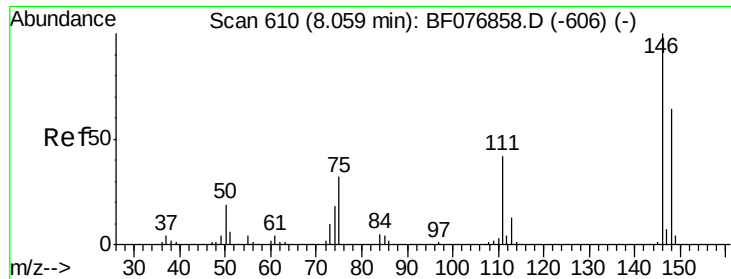
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#12
1,3-Dichlorobenzene
Concen: 34.00 ng
RT: 7.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion: 146 Resp: 67649
Ion Ratio Lower Upper
146 100
148 64.3 48.1 72.1
75 30.1 26.8 40.2





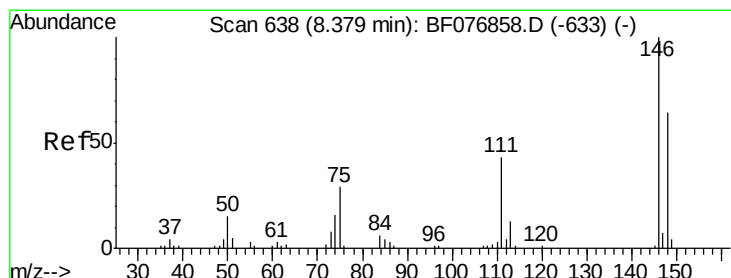
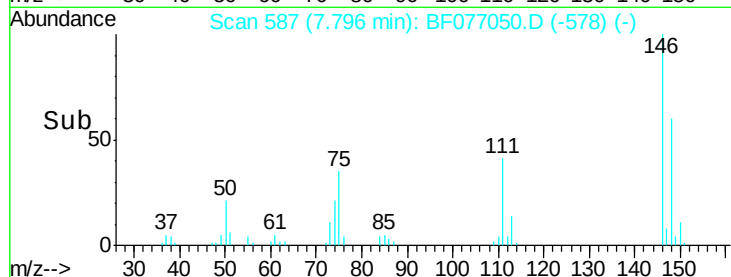
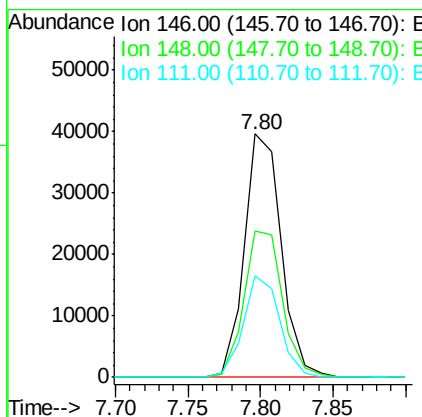
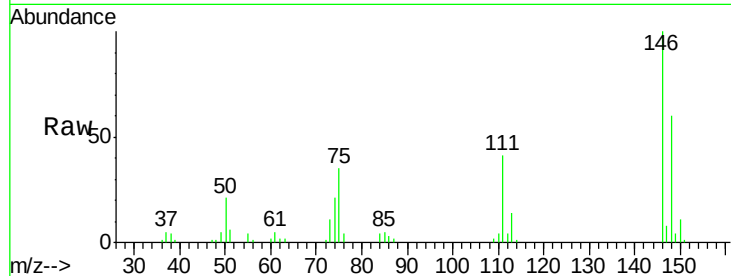
#13
 1,4-Dichlorobenzene
 Concen: 33.04 ng
 RT: 7.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampled :
 PB81273BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	51.5	77.3
111	41.5	33.9	50.9

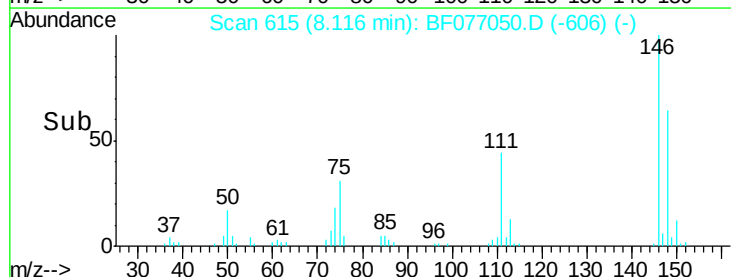
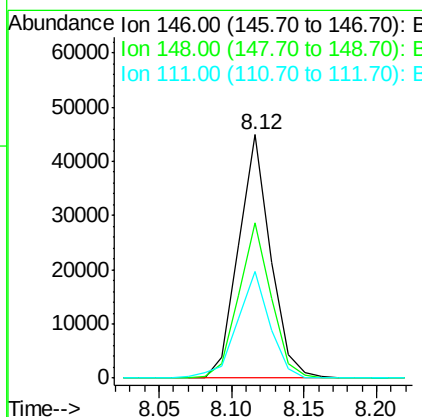
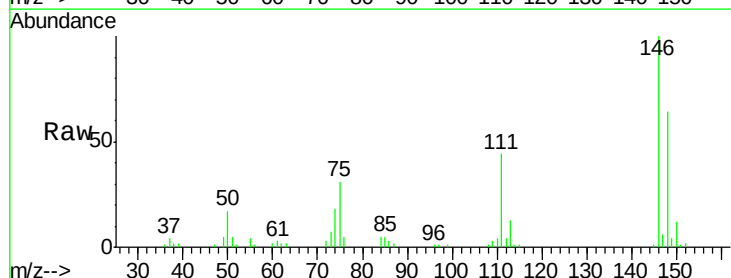
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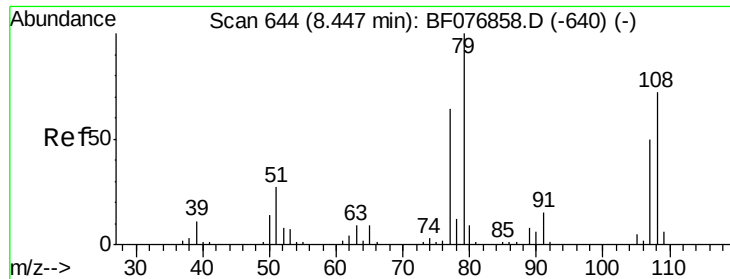
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#14
 1,2-Dichlorobenzene
 Concen: 35.38 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	44.0	34.5	51.7





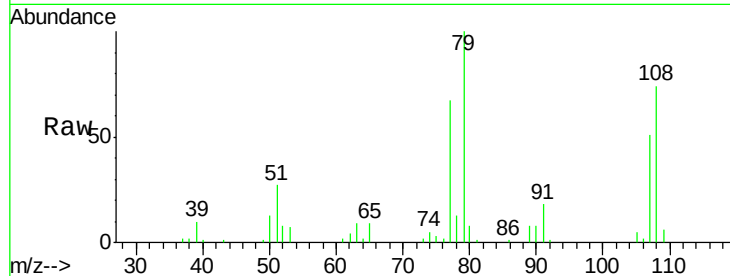
#15
Benzyl Alcohol
Concen: 34.94 ng
RT: 8.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

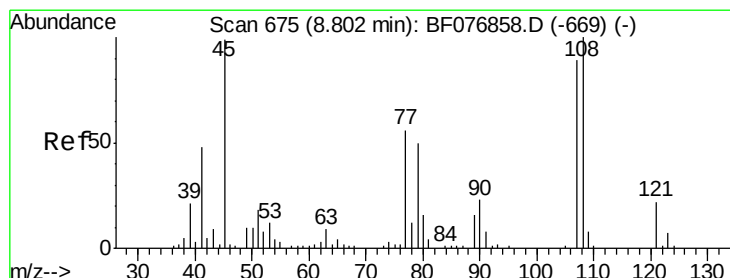
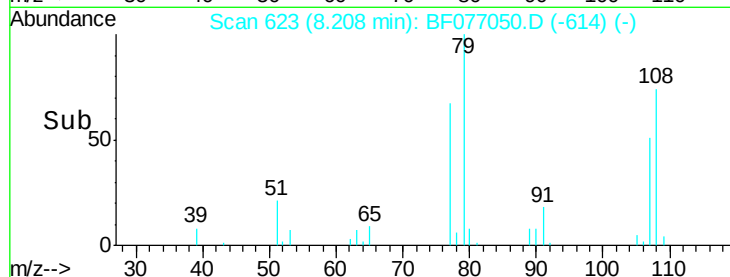
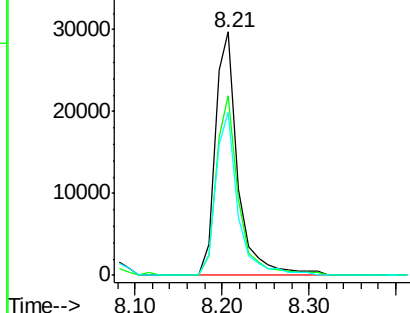
Tgt Ion	Ratio	Resp	Lower	Upper
79	100	54095		
108	73.9	57.2	85.8	
77	67.1	51.2	76.8	

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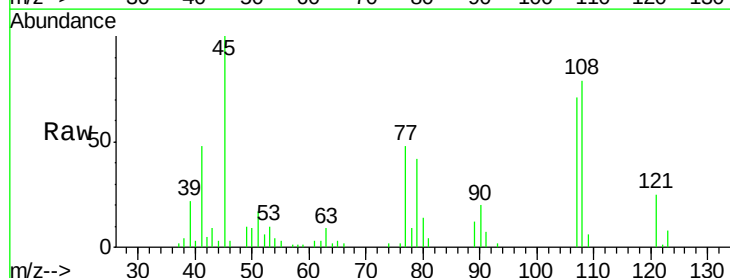


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

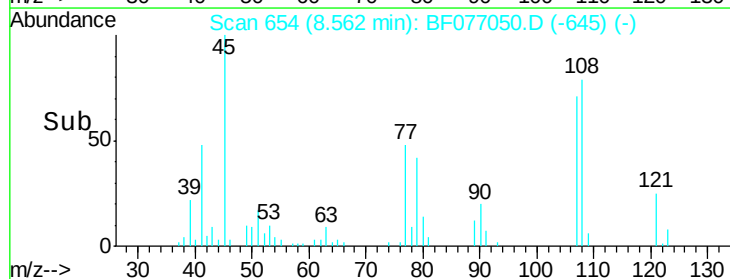
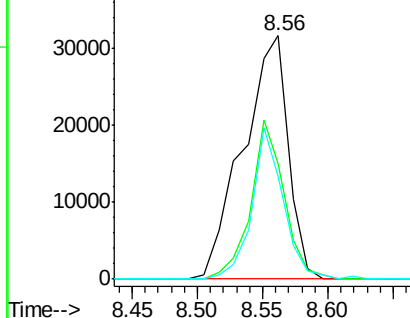


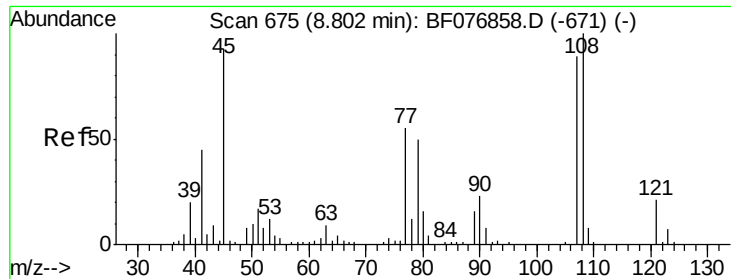
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.94 ng
RT: 8.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	76801		
77	47.7	36.1	76.1	
79	42.4	30.5	70.5	



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





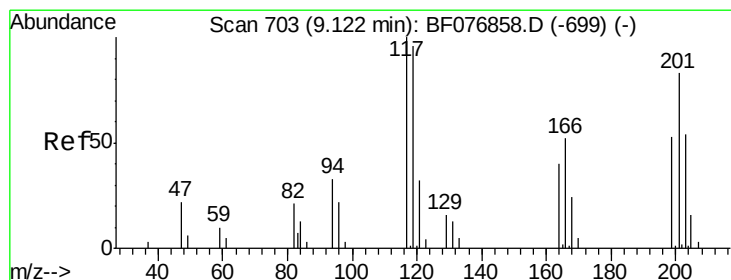
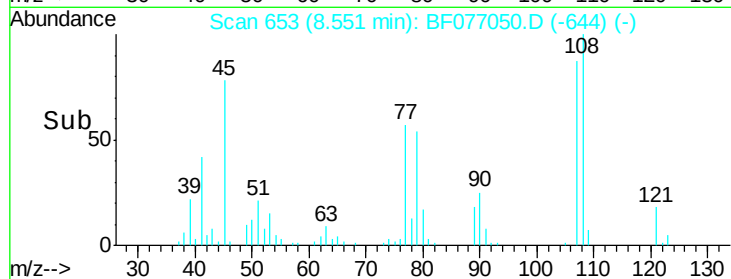
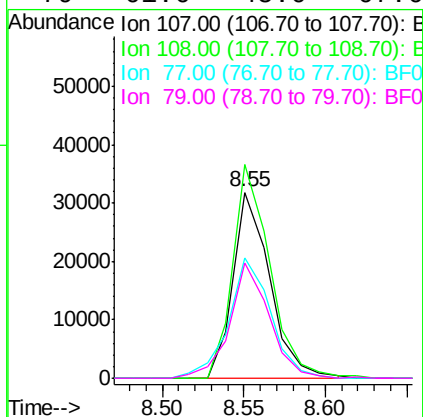
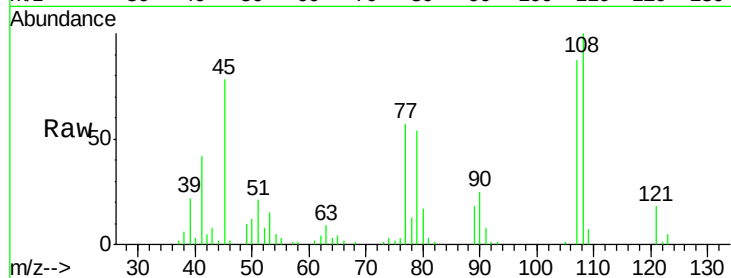
#17
2-Methylphenol
Concen: 34.77 ng
RT: 8.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampled :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	49692		
108	114.7	89.7	134.5	
77	64.9	50.1	75.1	
79	61.6	45.0	67.6	

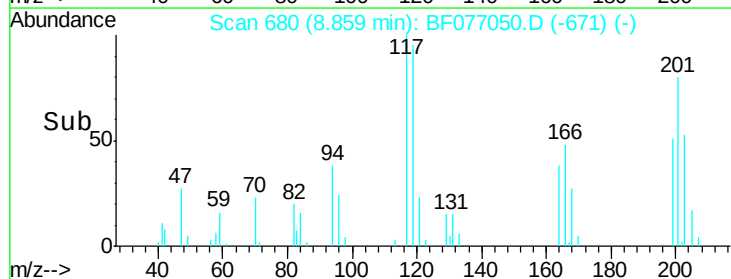
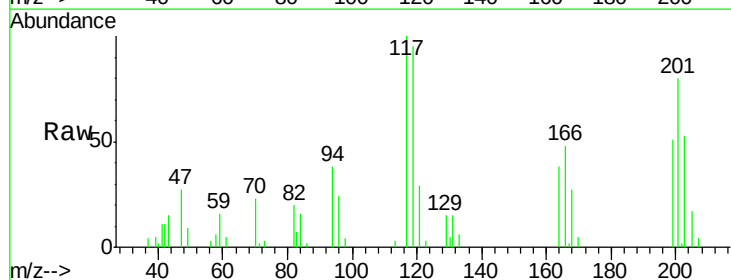
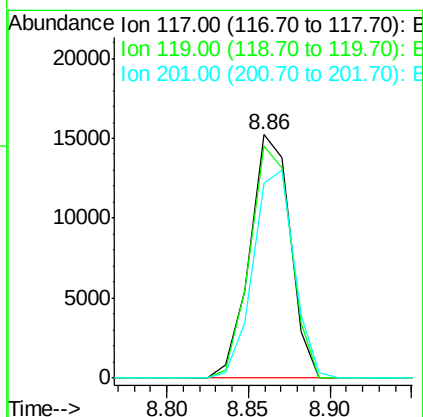
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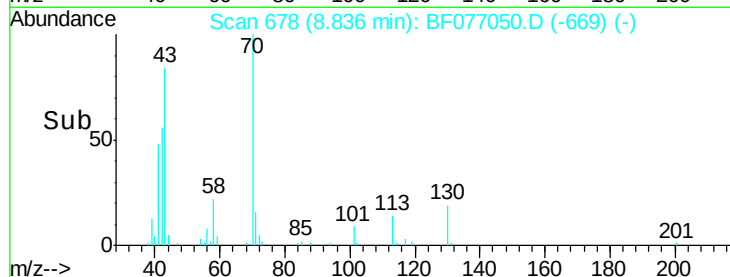
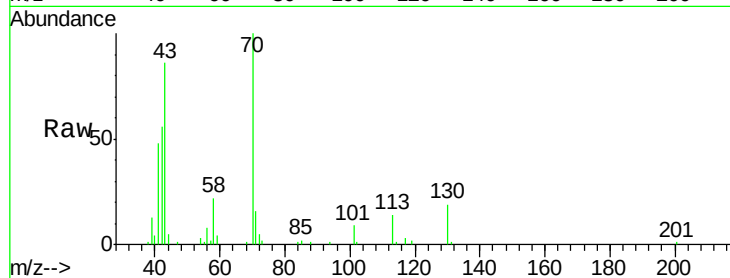
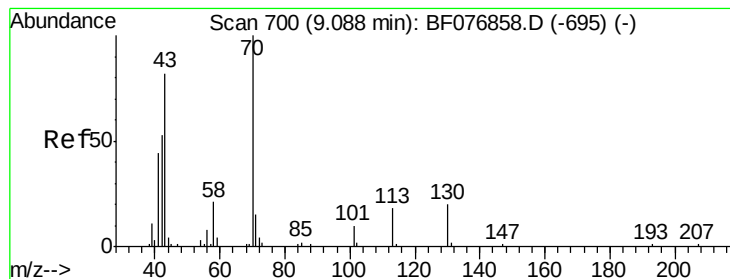
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#18
Hexachloroethane
Concen: 35.65 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26162		
119	95.4	77.1	115.7	
201	79.9	66.8	100.2	





#19

n-Nitroso-di-n-propylamine

Concen: 34.84 ng

RT: 8.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

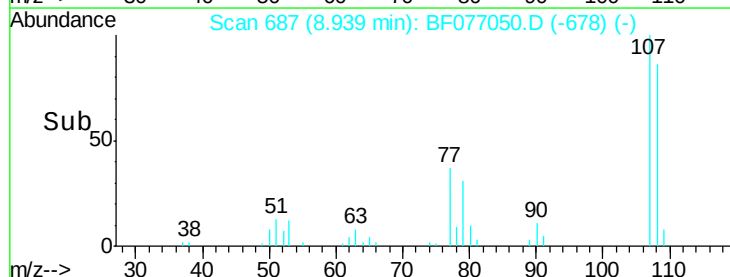
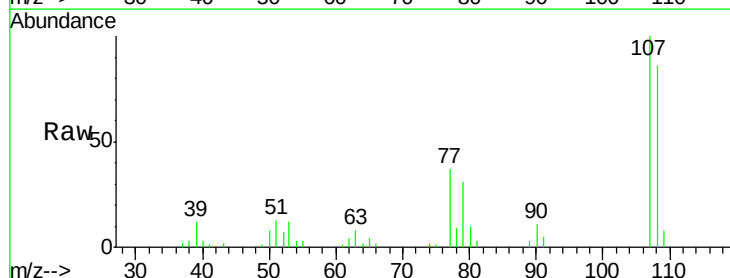
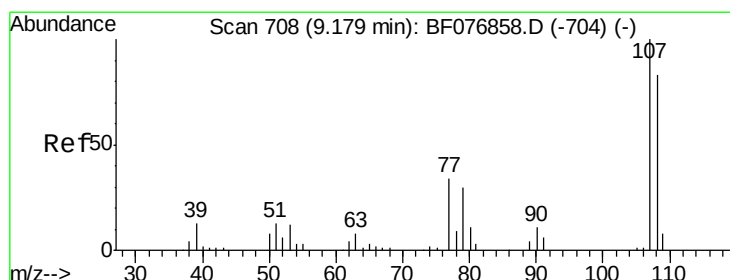
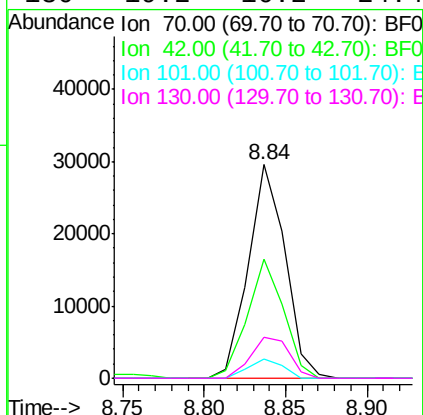
ClientSampleId :

PB81273BS

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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	42.1	63.1	
101	9.1	7.8	11.8	
130	19.2	16.2	24.4	



#20

3+4-Methylphenols

Concen: 33.90 ng

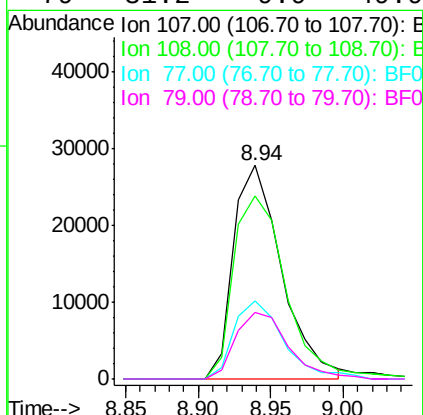
RT: 8.94 min Scan# 687

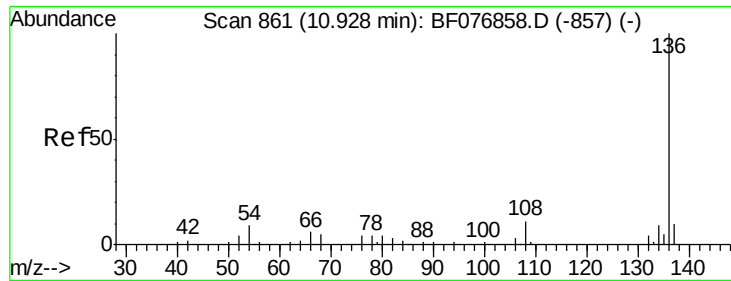
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	63.5	103.5	
77	36.6	14.0	54.0	
79	31.2	9.9	49.9	





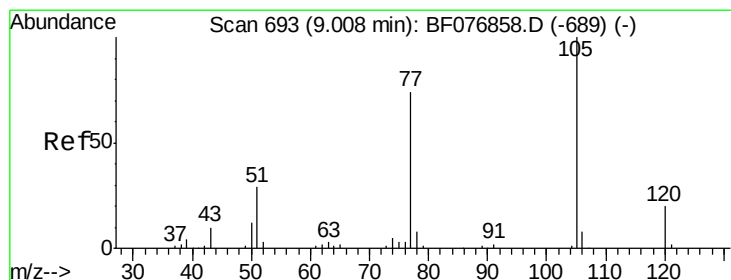
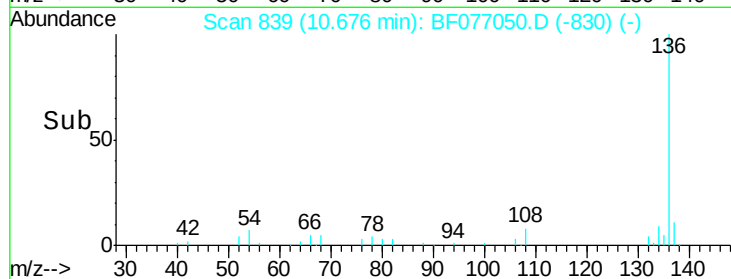
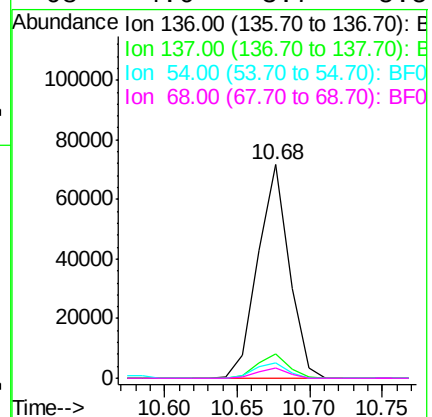
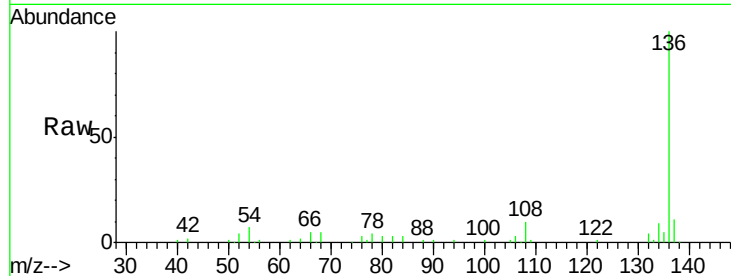
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	107208		
137	11.3	8.1	12.1	
54	7.3	7.0	10.4	
68	4.6	3.7	5.5	

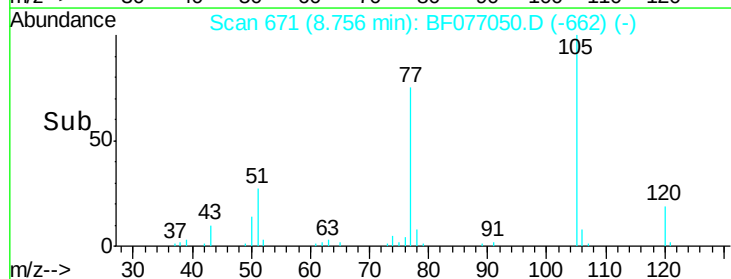
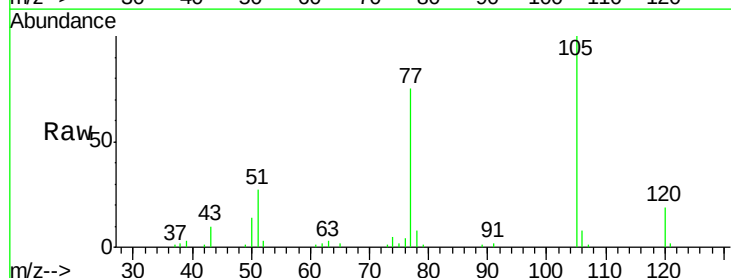
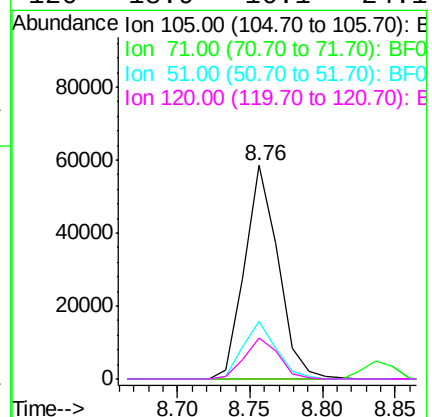
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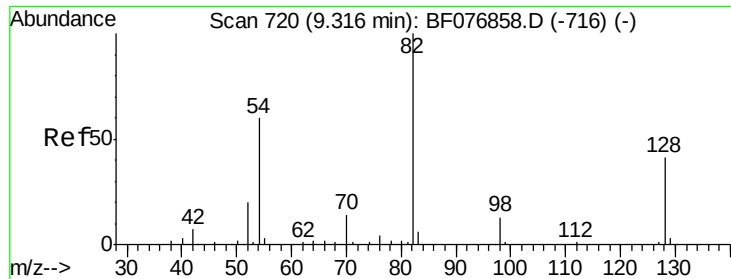
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#22
Acetophenone
Concen: 35.88 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	94227		
71	0.0	0.0	0.0	
51	27.0	23.3	34.9	
120	18.9	16.1	24.1	





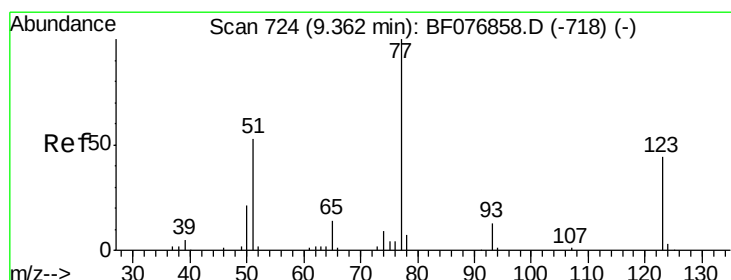
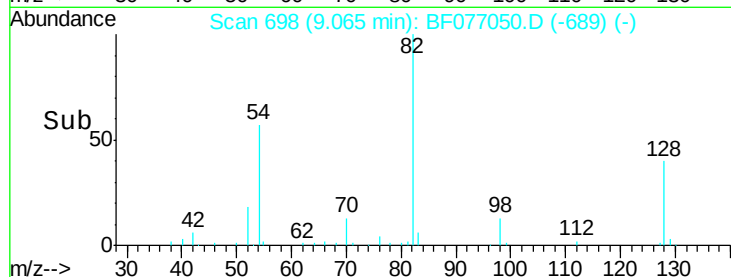
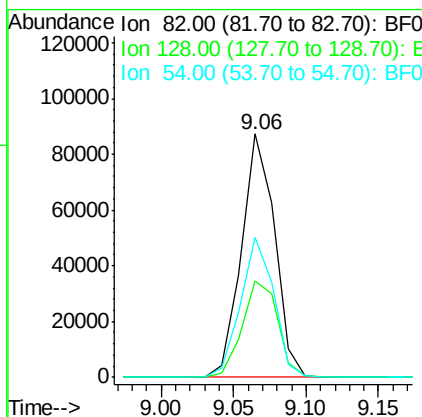
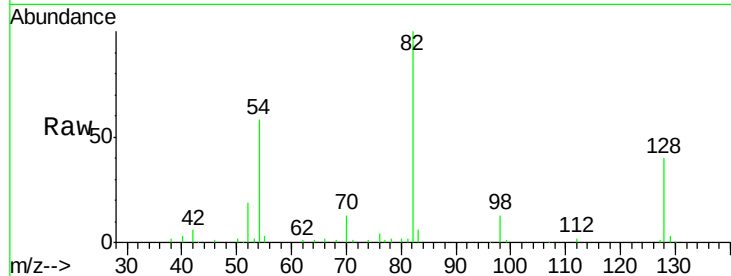
#23
 Nitrobenzene-d5
 Concen: 71.49 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.1	49.7
54	57.7	48.3	72.5

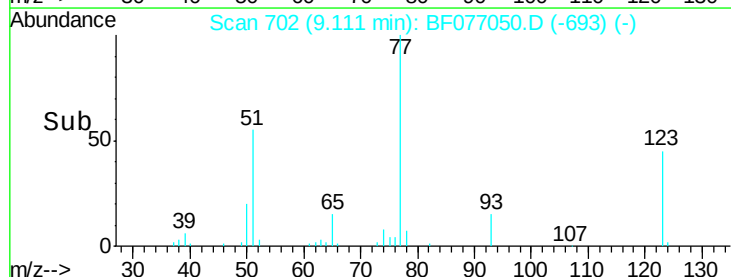
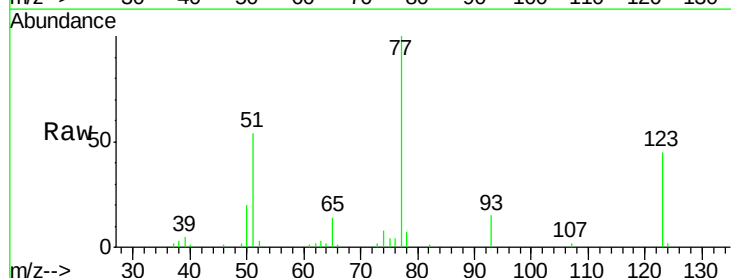
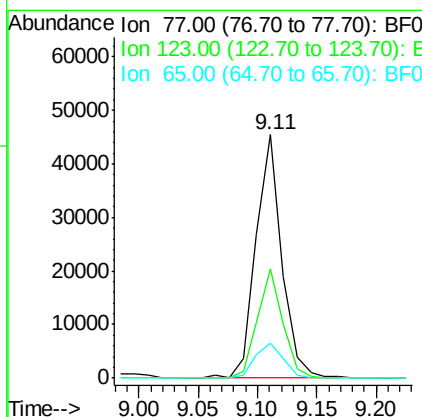
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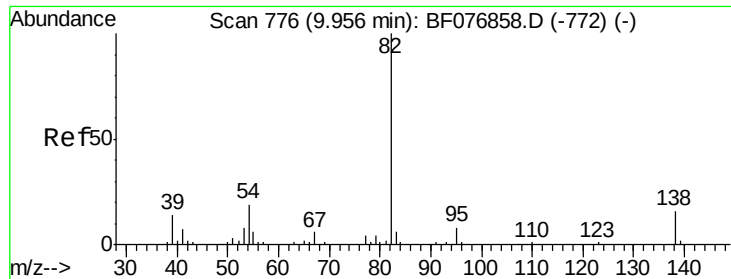
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#24
 Nitrobenzene
 Concen: 35.18 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.2	52.8
65	14.4	11.4	17.2





#25

Isophorone

Concen: 35.38 ng

RT: 9.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

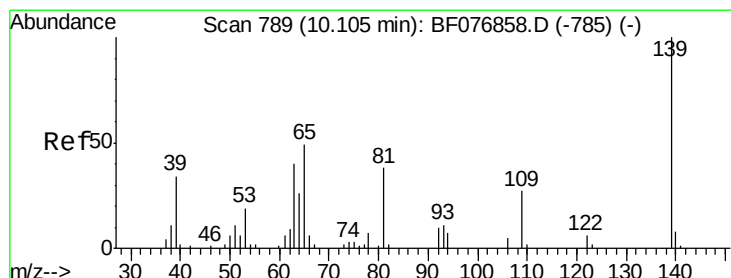
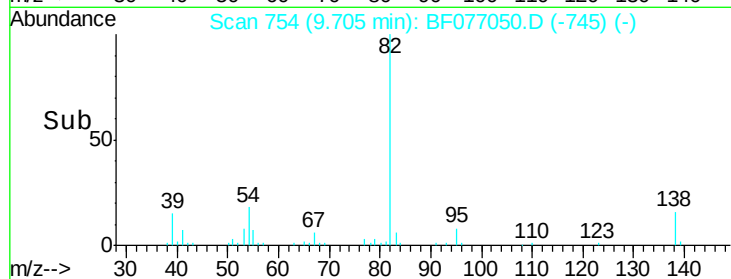
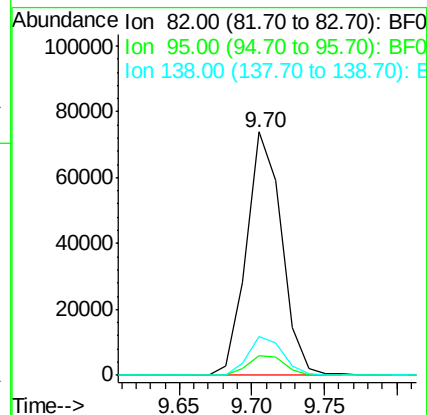
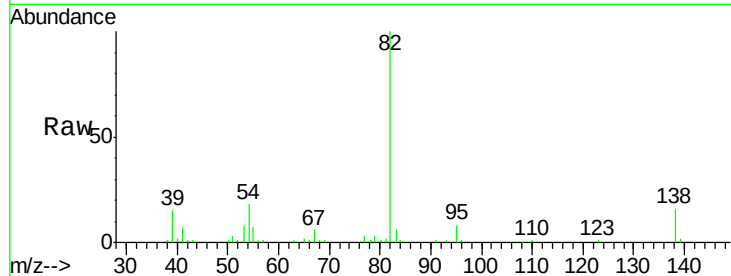
ClientSampleId :

PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	124684		
95	8.1	6.6	10.0	
138	16.2	12.6	18.8	

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.93 ng

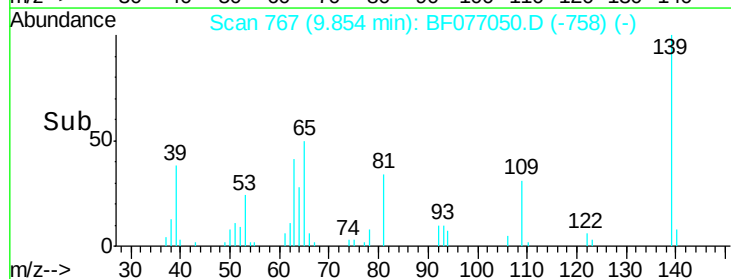
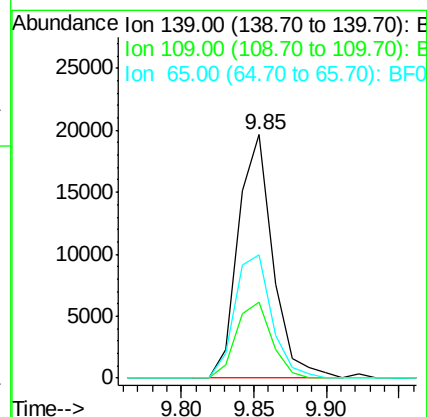
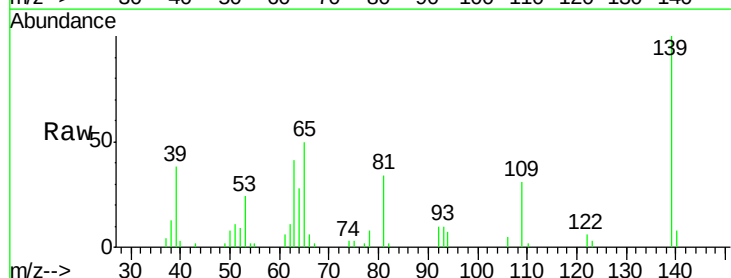
RT: 9.85 min Scan# 767

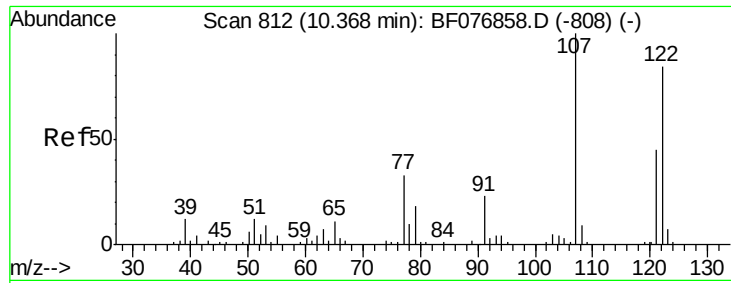
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	32658		
109	31.4	21.3	31.9	
65	50.5	39.4	59.0	





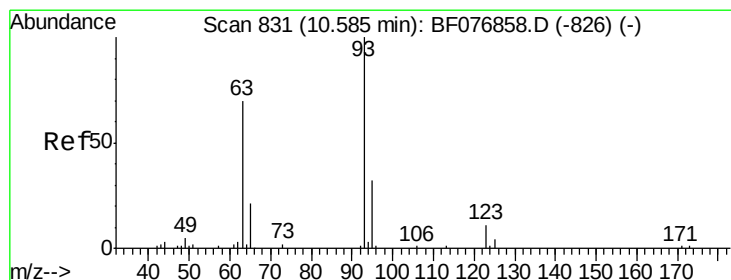
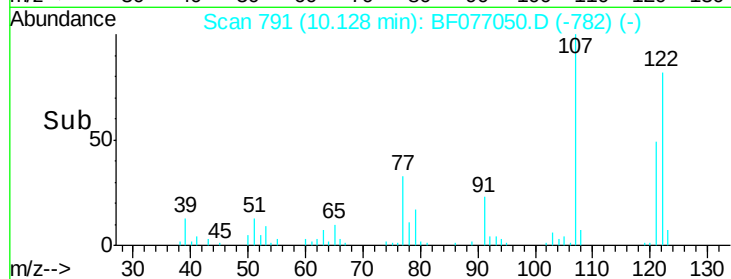
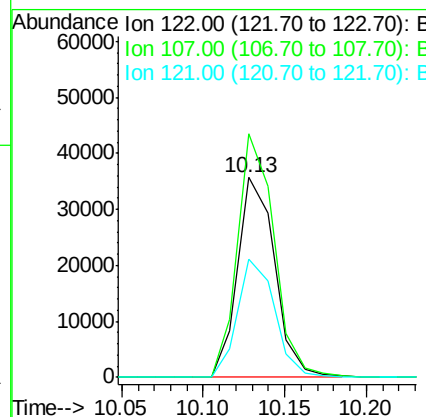
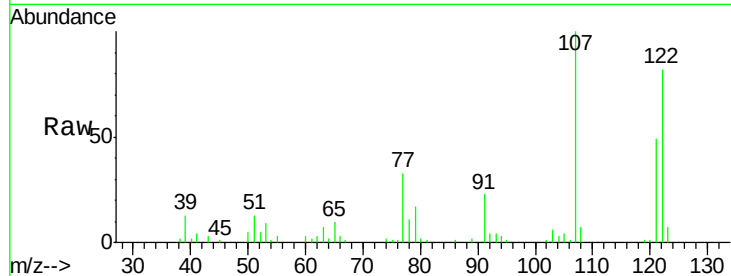
#27
 2,4-Dimethylphenol
 Concen: 36.93 ng
 RT: 10.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56293		
107	122.0	95.2	142.8	
121	59.3	42.9	64.3	

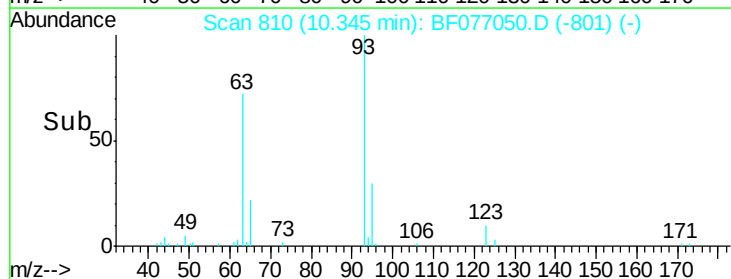
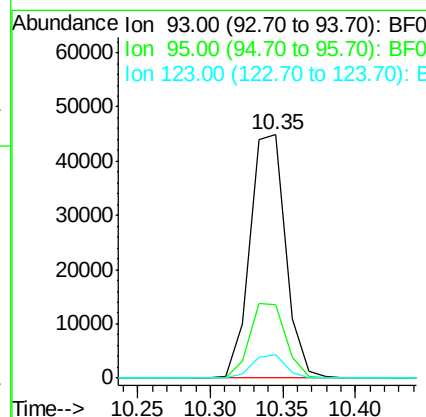
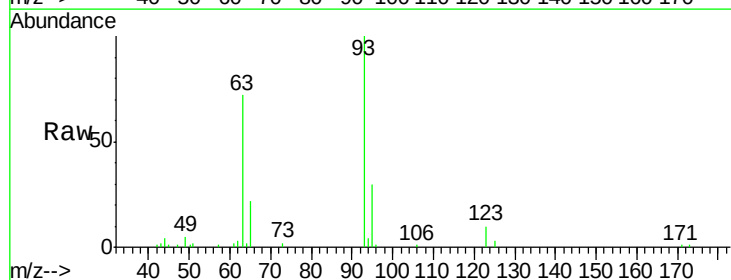
Manual Integrations
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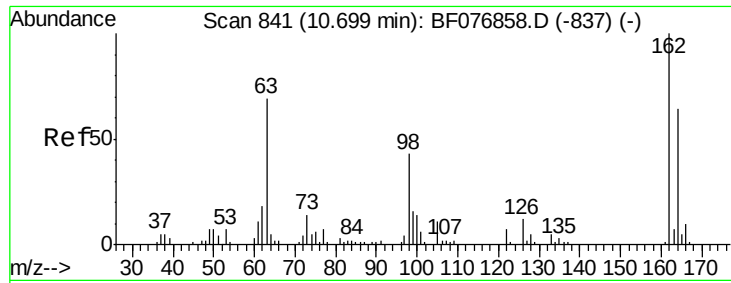
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.29 ng
 RT: 10.35 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	76706		
95	30.3	25.6	38.4	
123	9.8	8.9	13.3	





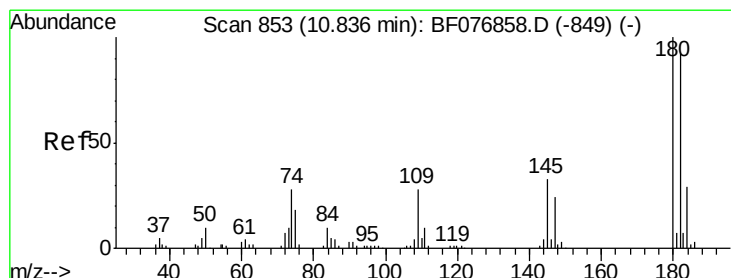
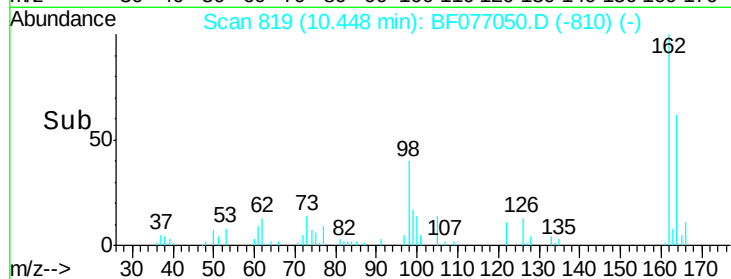
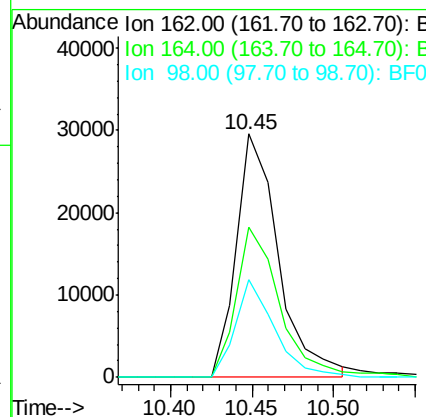
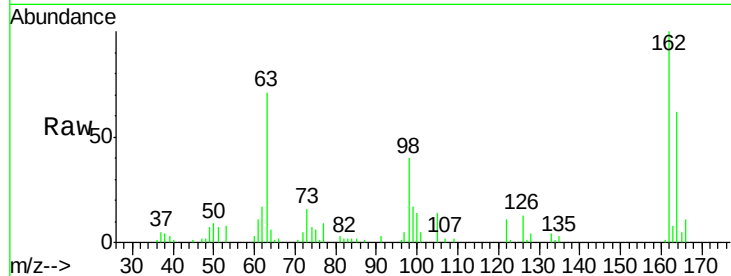
#29
 2,4-Dichlorophenol
 Concen: 37.28 ng
 RT: 10.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:	162	Resp:	52976
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.8	83.8
98	39.9	22.5	62.5

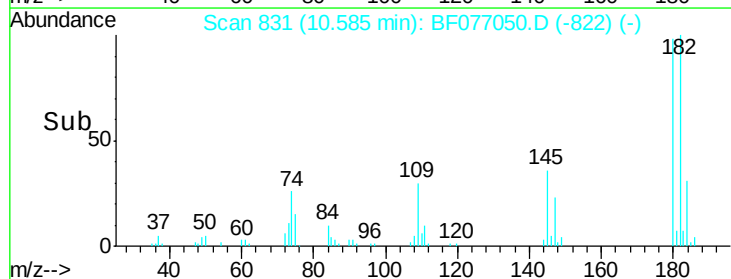
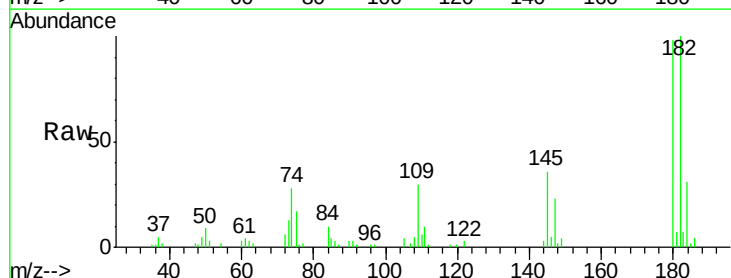
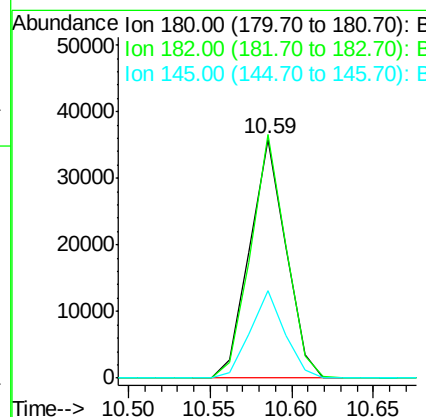
Manual Integrations
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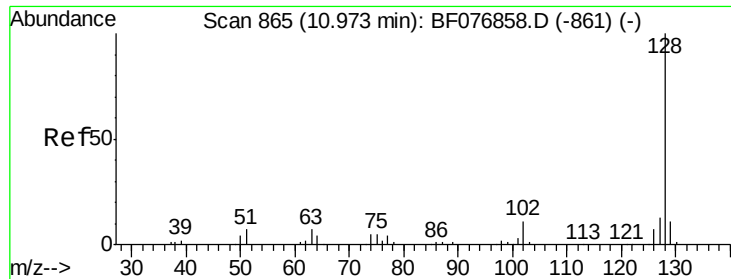
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.00 ng
 RT: 10.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion:	180	Resp:	55231
Ion Ratio	Lower	Upper	
180	100		
182	102.0	73.6	110.4
145	36.5	26.6	39.8





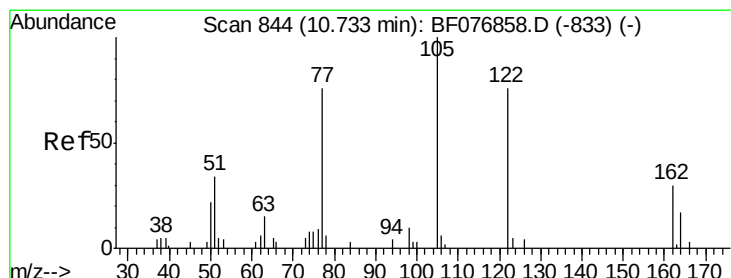
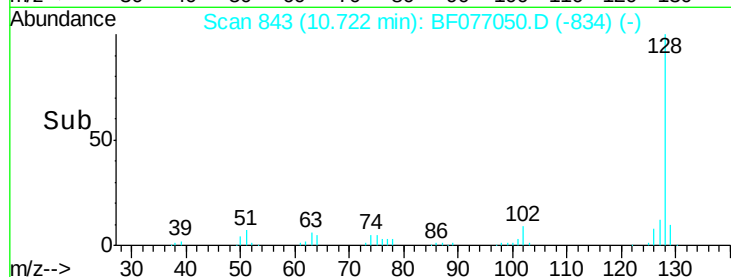
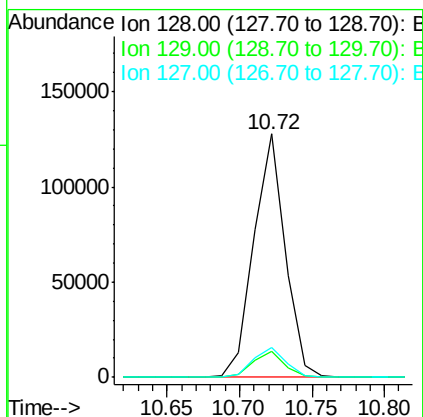
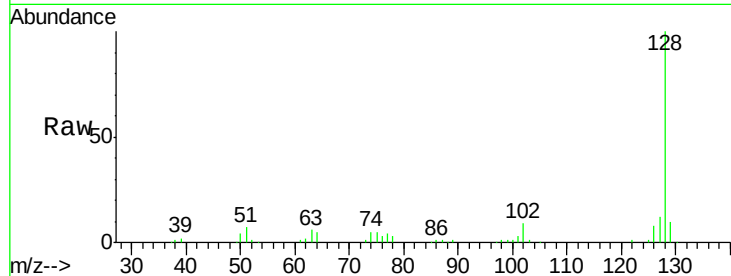
#31
Naphthalene
Concen: 34.77 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	191897		
129	10.4	9.0	13.6	
127	12.3	10.2	15.2	

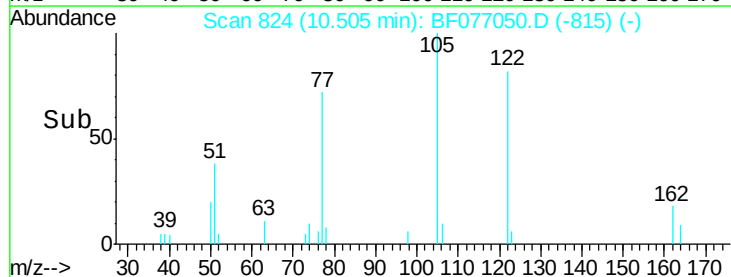
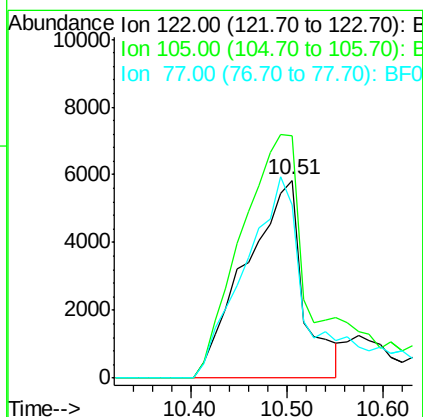
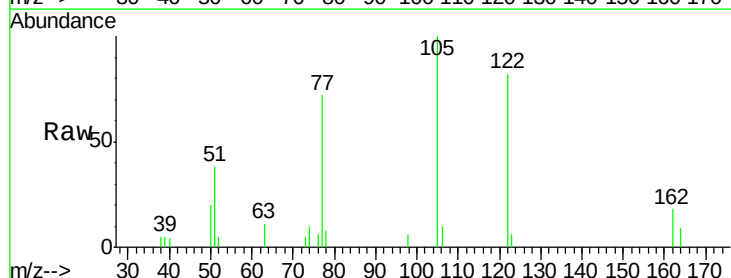
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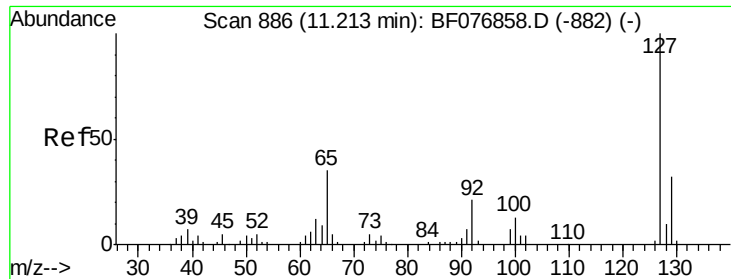
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#32
Benzoic acid
Concen: 28.72 ng m
RT: 10.51 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

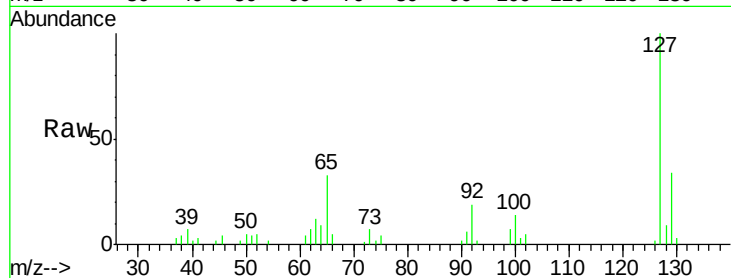
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	24253		
105	122.2	111.3	151.3	
77	87.8	79.2	119.2	





#33
4-Chloroaniline
Concen: 20.28 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

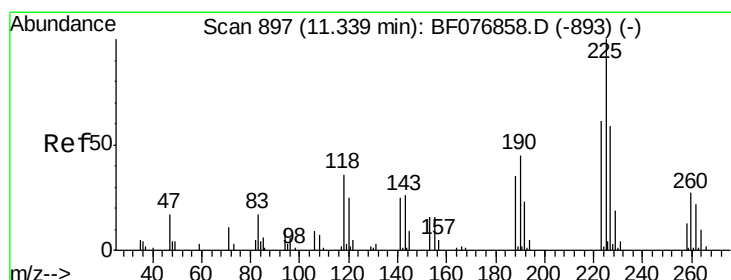
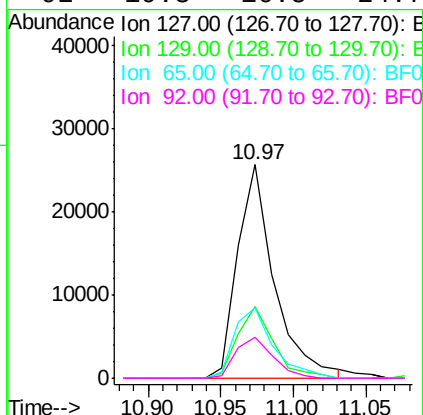
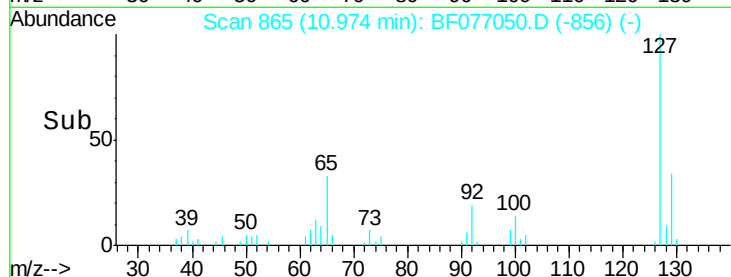
Instrument :
BNA_F
ClientSampleId :
PB81273BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	45229		
129	33.7	25.3	37.9	
65	33.2	27.8	41.6	
92	19.3	16.5	24.7	

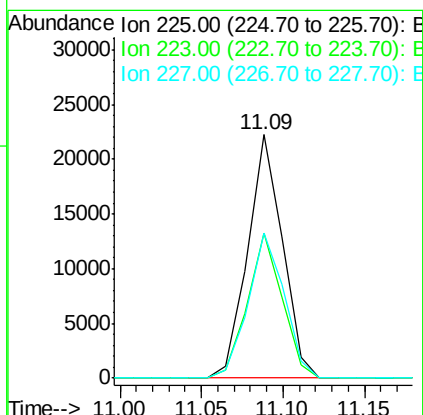
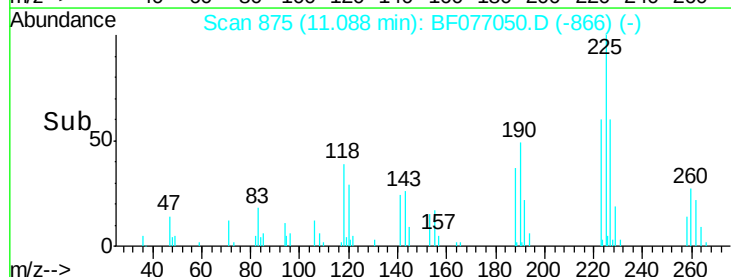
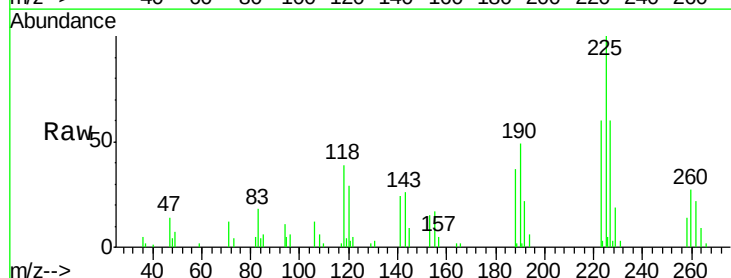
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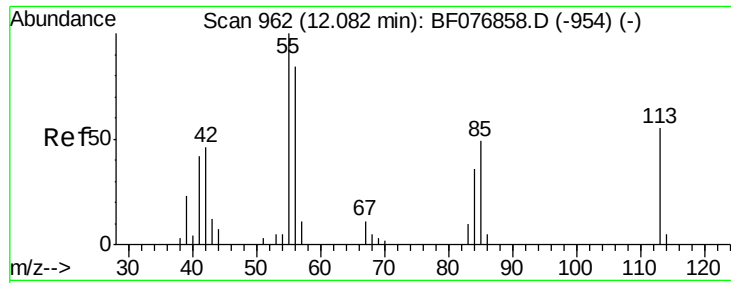
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#34
Hexachlorobutadiene
Concen: 35.14 ng
RT: 11.09 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32901		
223	59.5	49.1	73.7	
227	59.8	47.5	71.3	





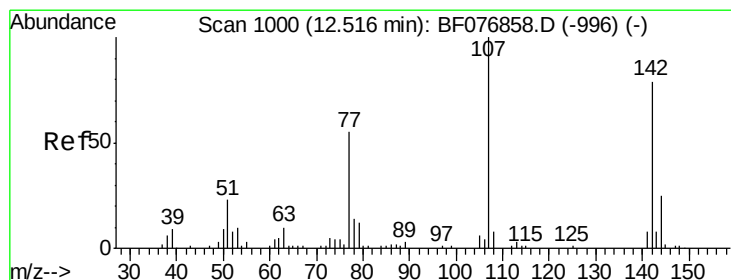
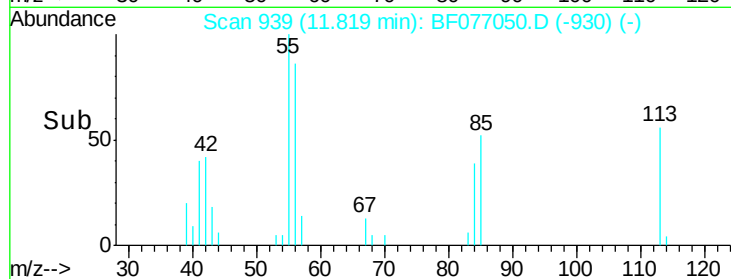
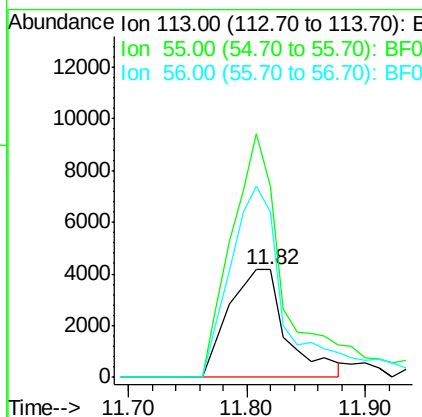
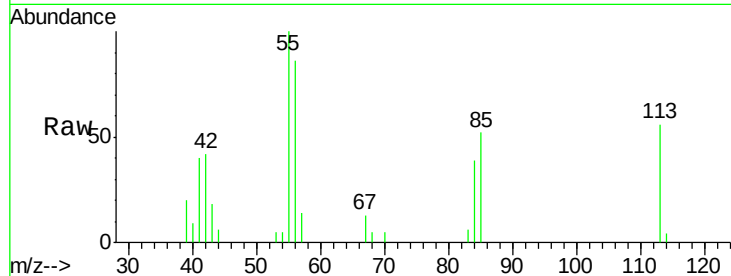
#35
 Caprolactam
 Concen: 33.64 ng
 RT: 11.82 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:113 Resp: 14072
 Ion Ratio Lower Upper
 113 100
 55 177.9 162.1 202.1
 56 153.5 133.7 173.7

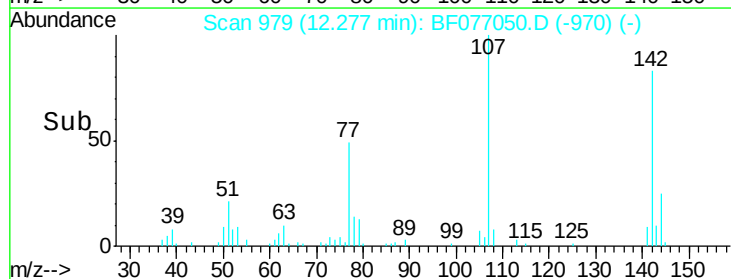
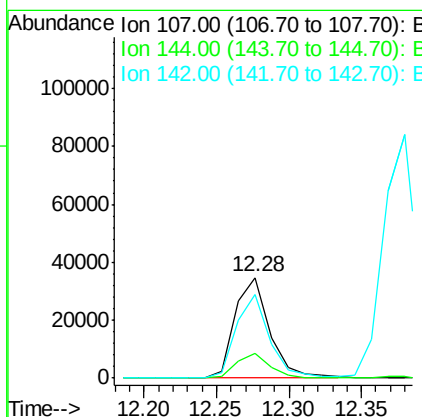
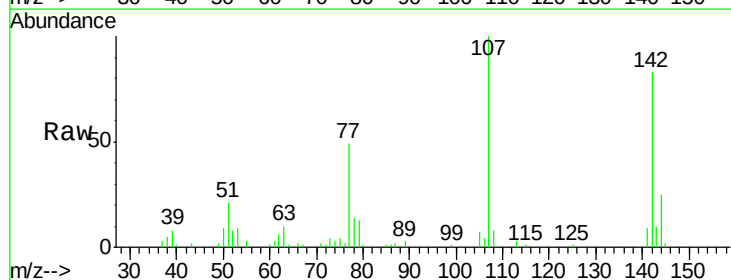
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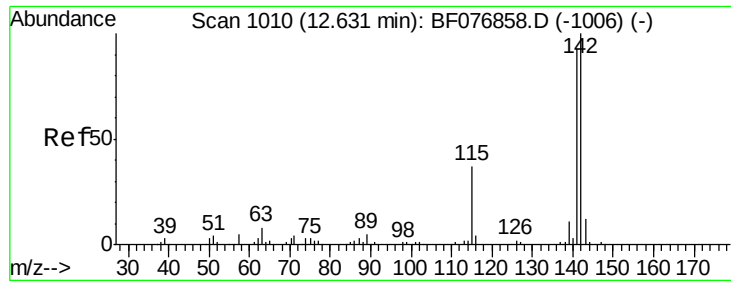
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#36
 4-Chloro-3-methylphenol
 Concen: 35.69 ng
 RT: 12.28 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

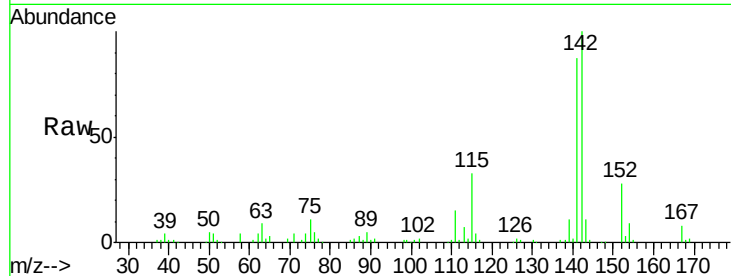
Tgt Ion:107 Resp: 58062
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 82.6 63.5 95.3





#37
2-Methylnaphthalene
Concen: 36.40 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

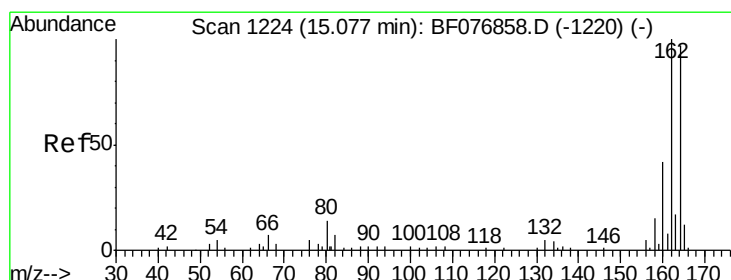
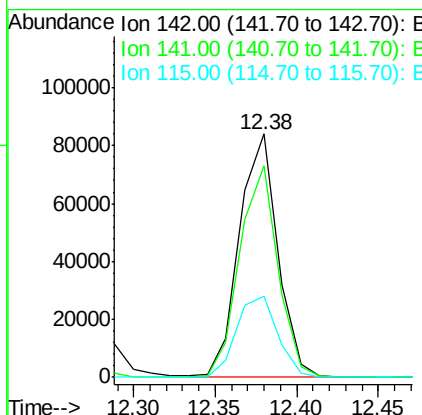
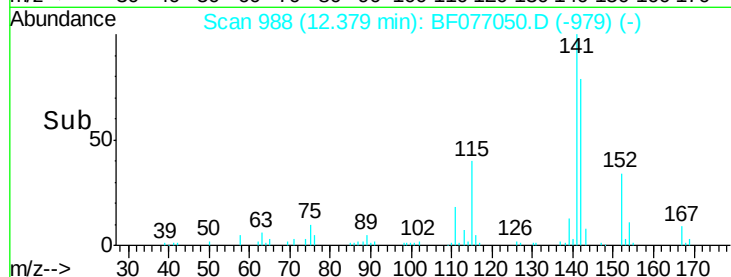
Instrument :
BNA_F
ClientSampleId :
PB81273BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	137216		
141	87.0	74.5	111.7	
115	33.5	29.7	44.5	

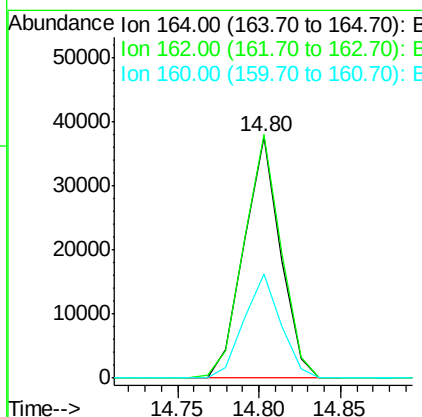
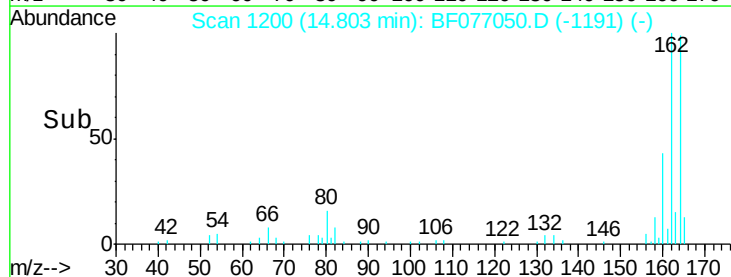
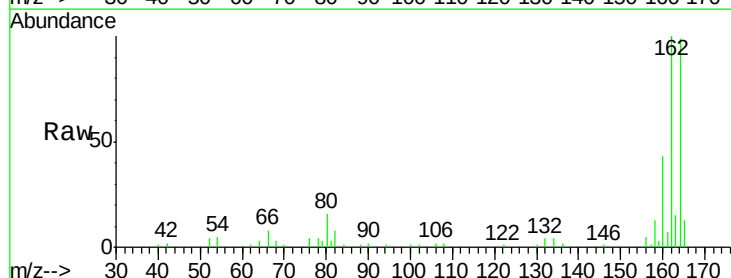
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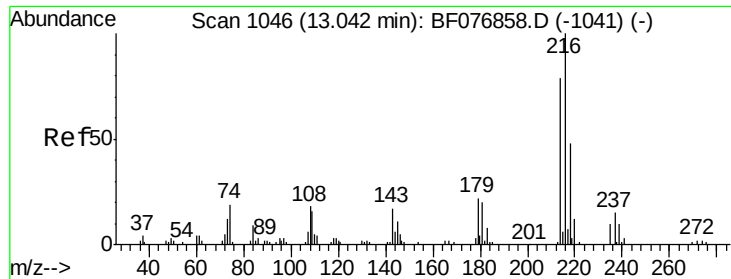
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58440		
162	101.0	82.4	123.6	
160	43.3	34.8	52.2	





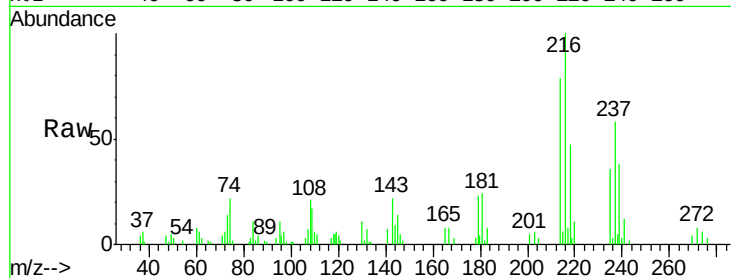
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.33 ng
RT: 12.78 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

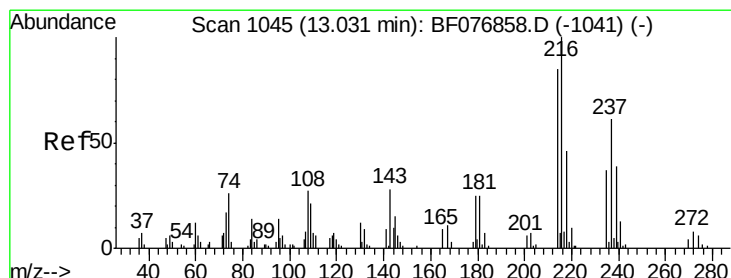
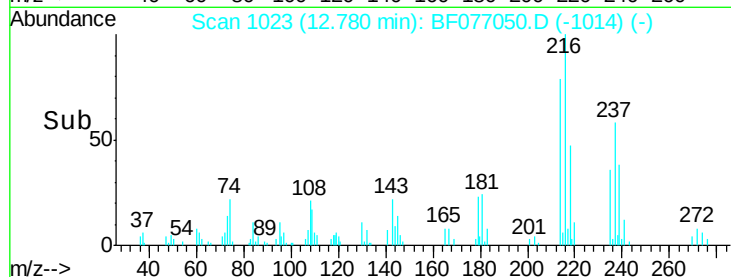
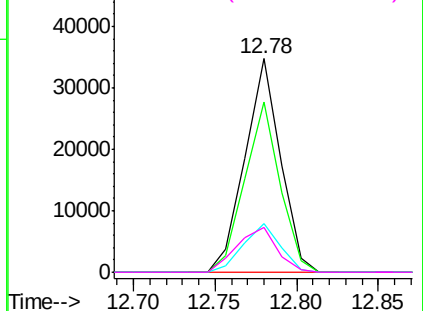
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.9	97.3
179	23.8	18.6	28.0
108	23.5	18.1	27.1

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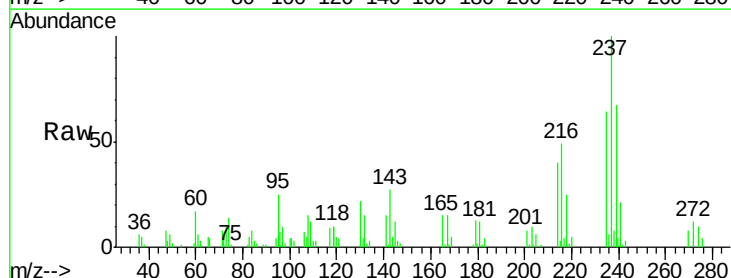


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

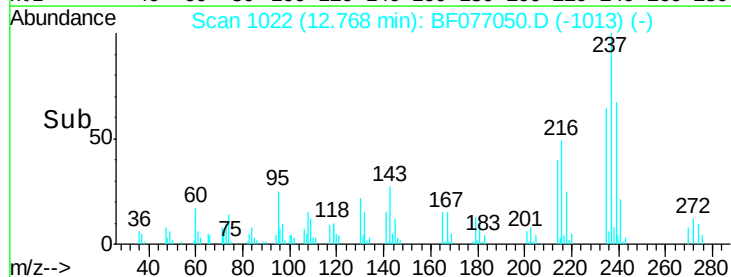
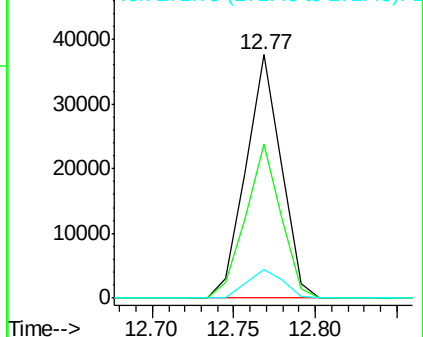


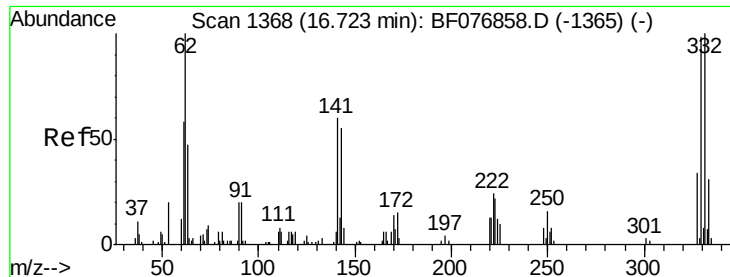
#40
Hexachlorocyclopentadiene
Concen: 72.99 ng
RT: 12.77 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	40.4	80.4
272	12.0	0.0	33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 119.86 ng

RT: 16.52 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

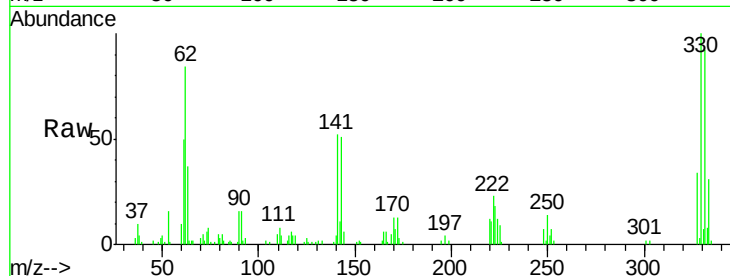
ClientSampleId :

PB81273BS

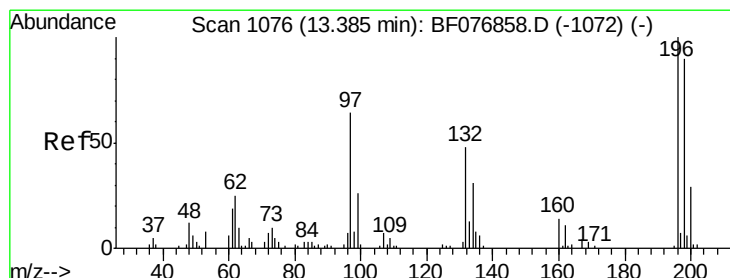
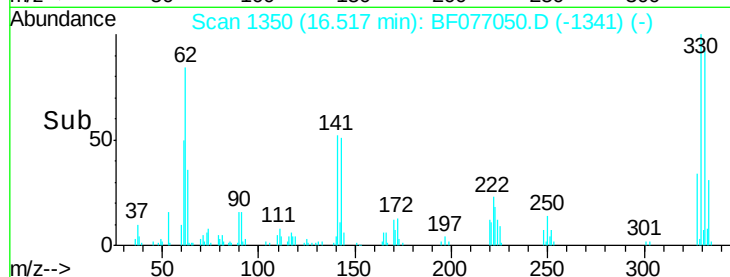
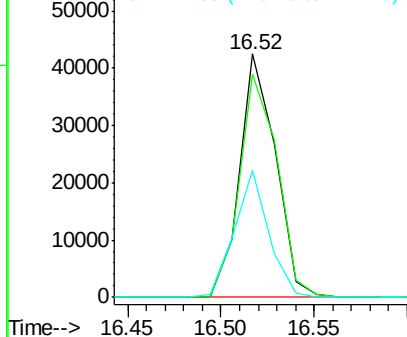
Tgt Ion:	330	Resp:	56860
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.8	116.6
141	50.2	38.5	57.7

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.43 ng

RT: 13.13 min Scan# 1054

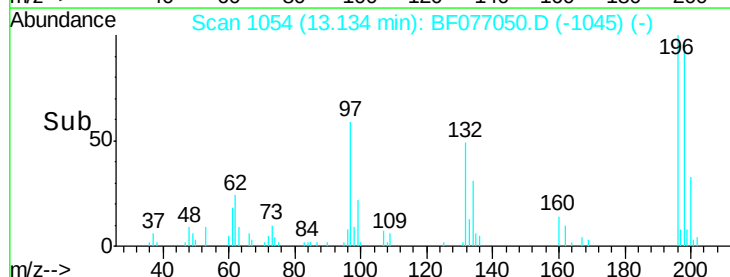
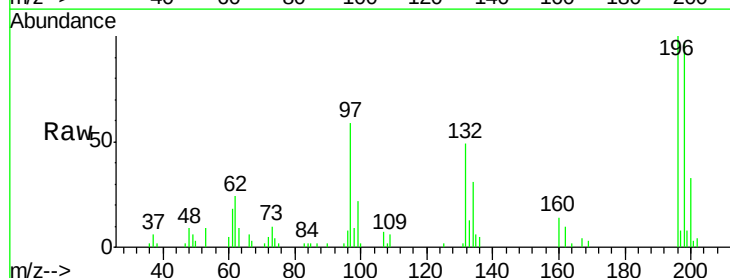
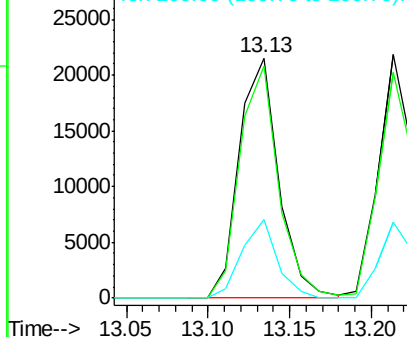
Delta R.T. 0.00 min

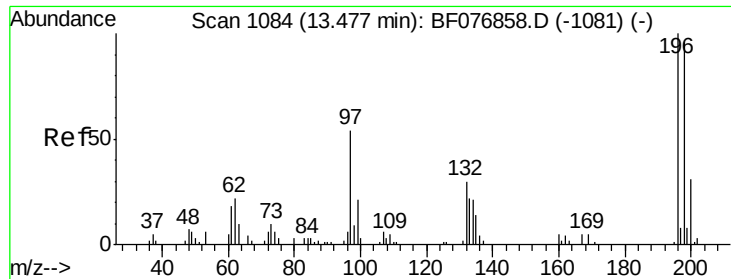
Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	196	Resp:	36241
Ion Ratio	Lower	Upper	
196	100		
198	96.9	72.0	108.0
200	32.6	23.4	35.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





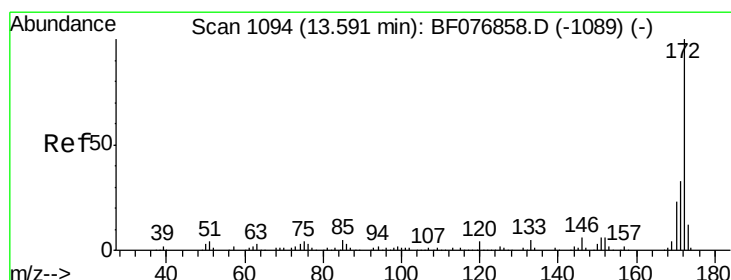
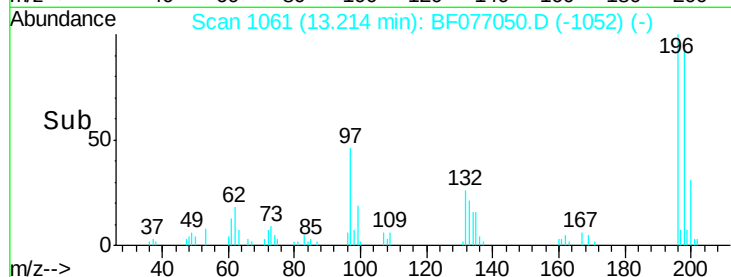
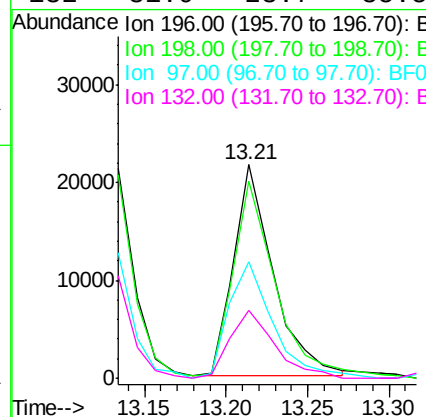
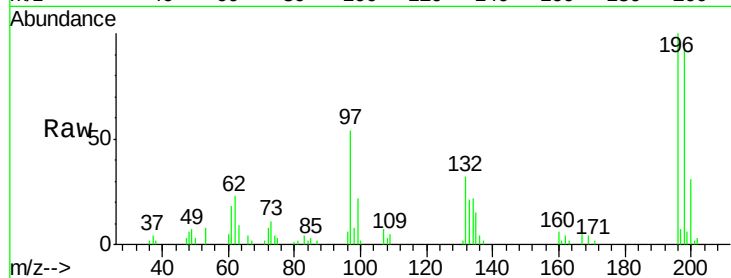
#43
2,4,5-Trichlorophenol
Concen: 33.62 ng
RT: 13.21 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36100		
198	92.5	76.6	115.0	
97	54.5	43.4	65.0	
132	31.9	23.7	35.5	

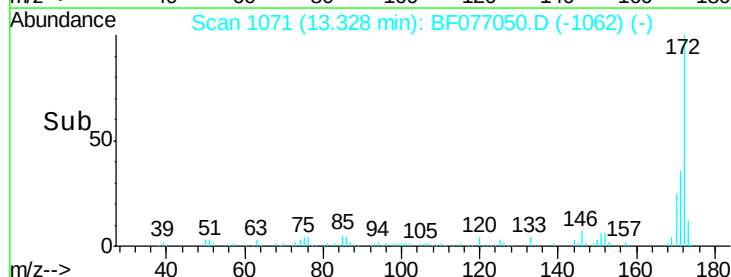
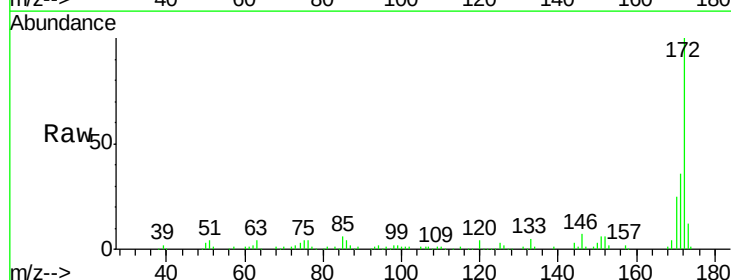
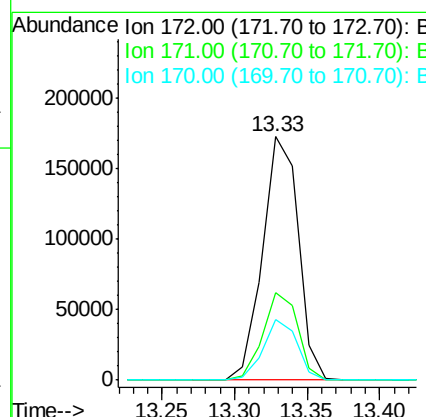
Manual Integrations
APPROVED

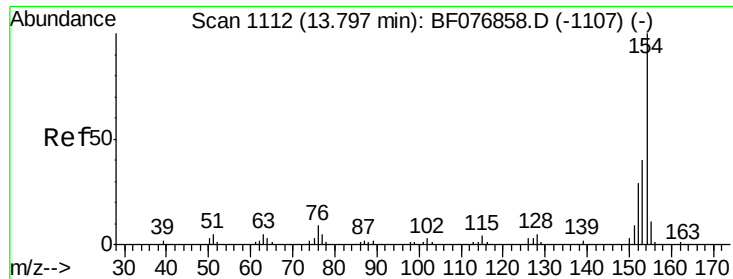
apatel
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#44
2-Fluorobiphenyl
Concen: 76.88 ng
RT: 13.33 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	295232		
171	35.7	26.6	40.0	
170	24.8	18.0	27.0	





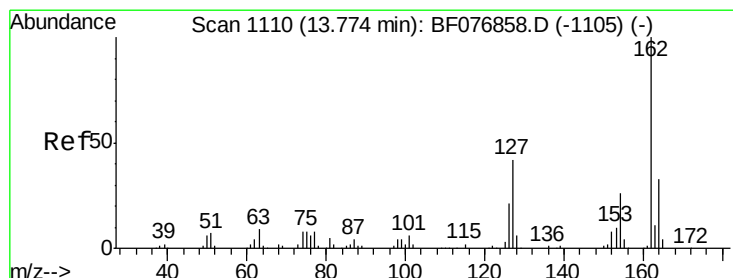
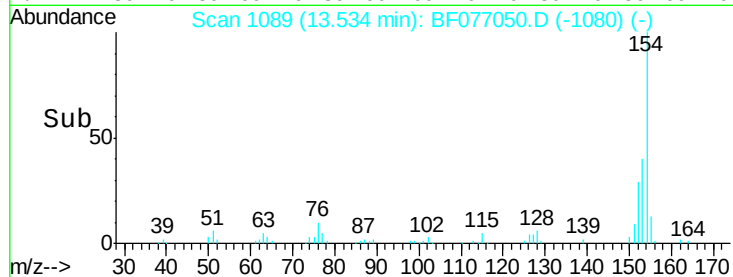
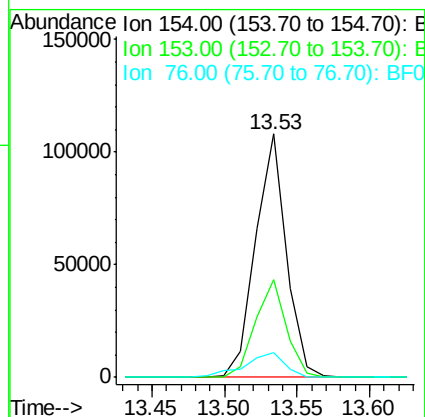
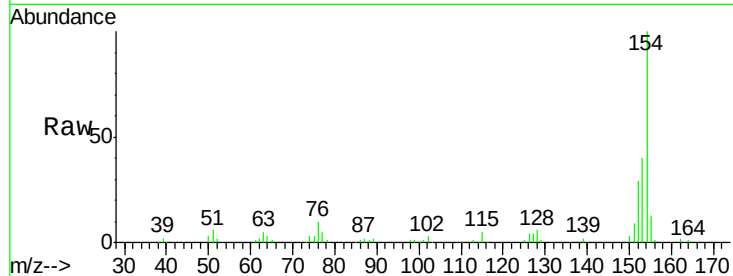
#45
 1,1'-Biphenyl
 Concen: 36.60 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampled :
 PB81273BS

Tgt Ion:	154	Resp:	158583
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.2	60.2
76	10.1	0.0	29.0

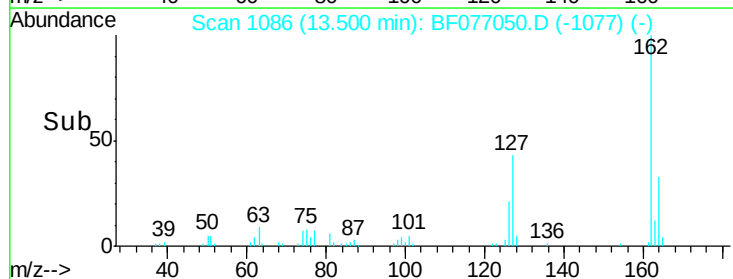
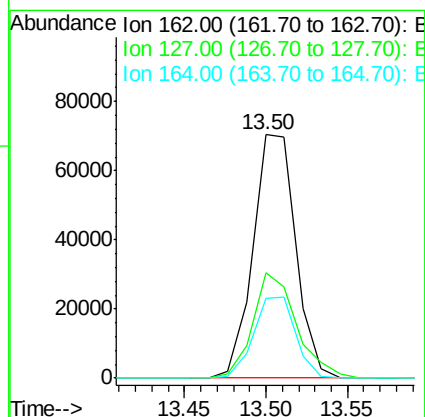
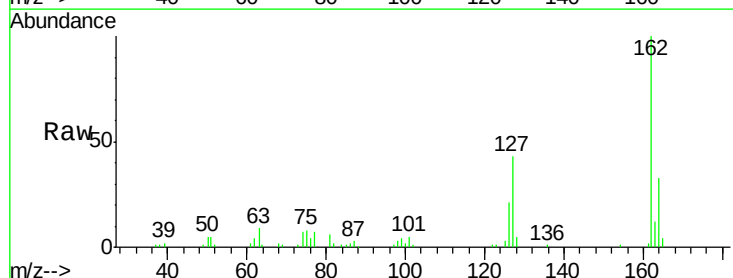
Manual Integrations
 APPROVED

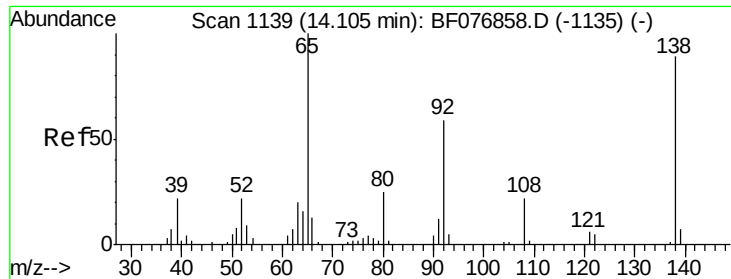
apatel
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#46
 2-Chloronaphthalene
 Concen: 35.99 ng
 RT: 13.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion:	162	Resp:	128292
Ion Ratio	Lower	Upper	
162	100		
127	43.3	33.8	50.6
164	32.7	26.8	40.2





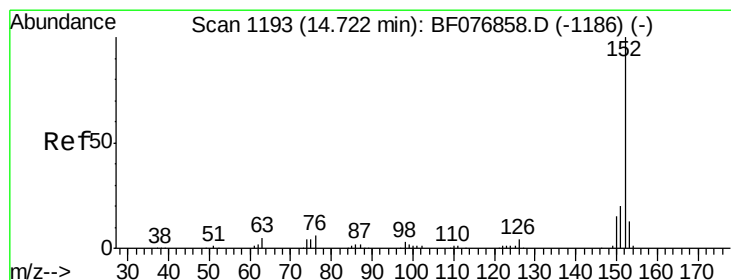
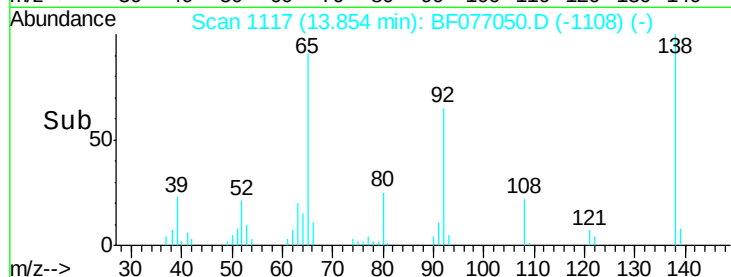
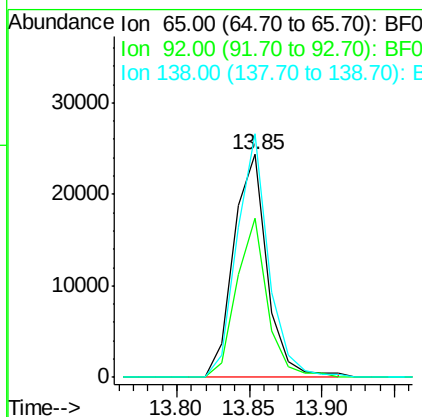
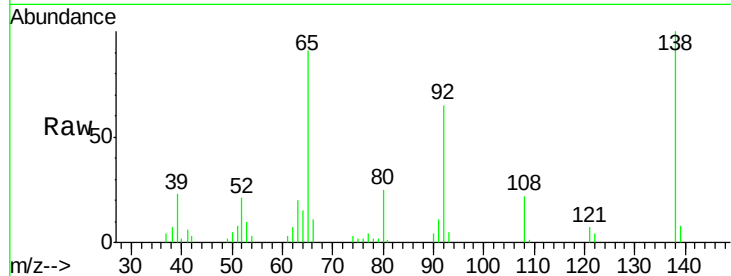
#47
2-Nitroaniline
Concen: 36.28 ng
RT: 13.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	47.3	70.9#
138	109.3	71.4	107.2#

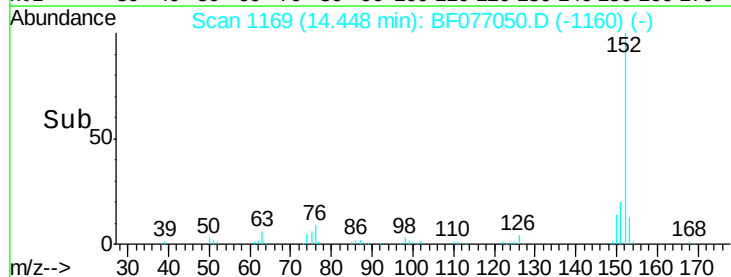
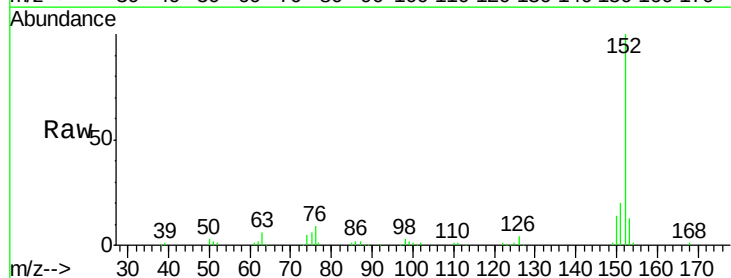
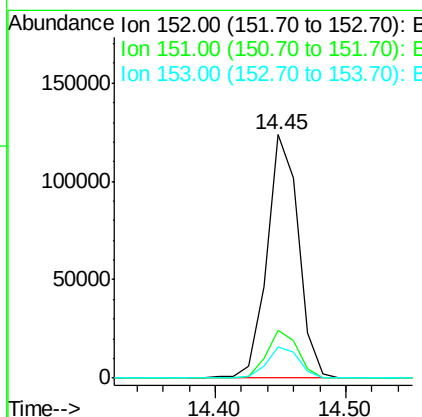
Manual Integrations
APPROVED

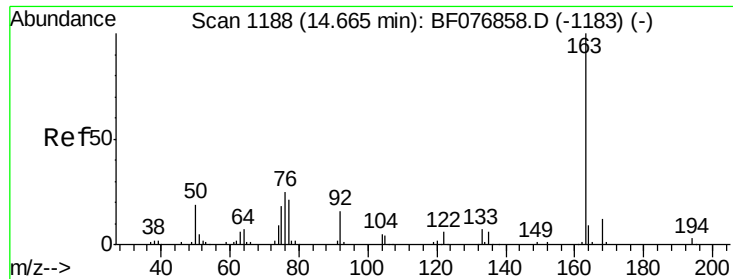
apatel
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#48
Acenaphthylene
Concen: 34.81 ng
RT: 14.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.7	10.2	15.4





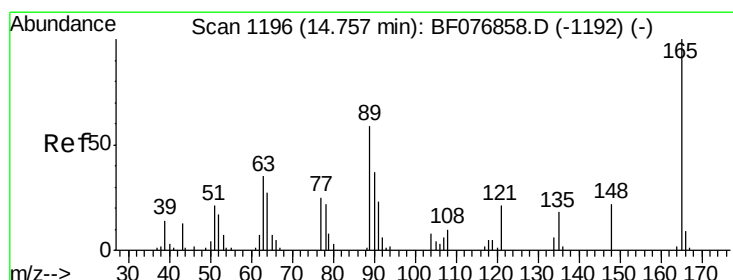
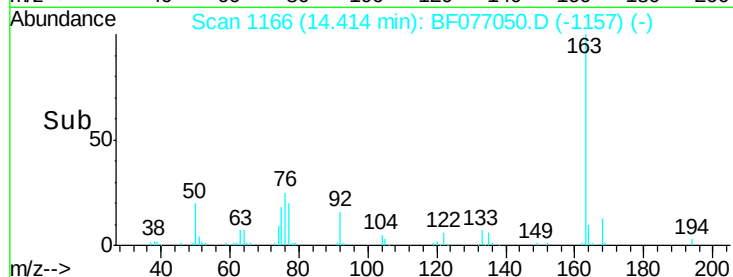
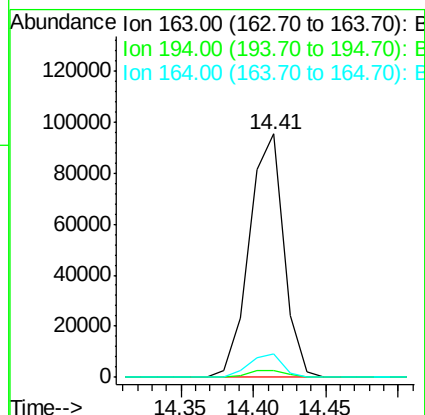
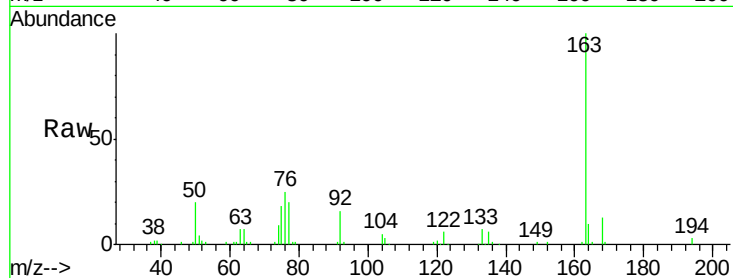
#49
Dimethylphthalate
Concen: 37.74 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.6	4.0
164	9.5	7.5	11.3

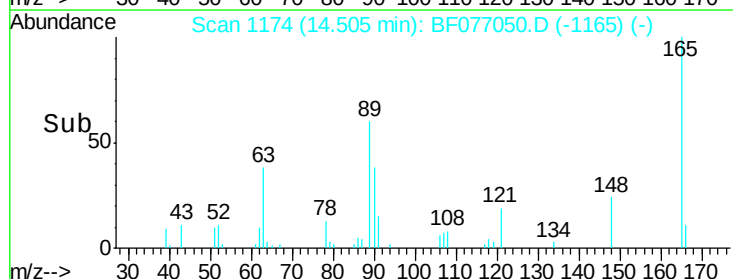
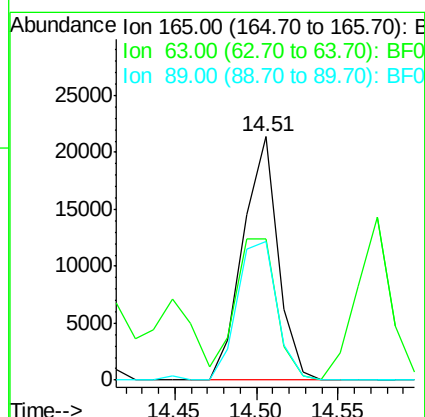
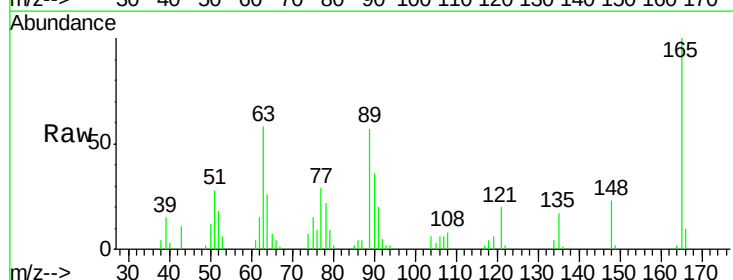
Manual Integrations
APPROVED

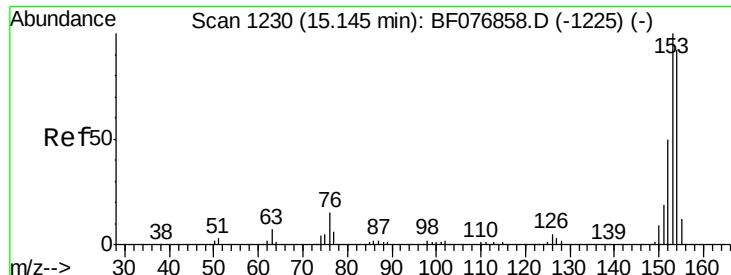
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#50
2,6-Dinitrotoluene
Concen: 38.43 ng
RT: 14.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.1	48.1	72.1
89	56.7	47.2	70.8





#51

Acenaphthene

Concen: 33.90 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077050.D

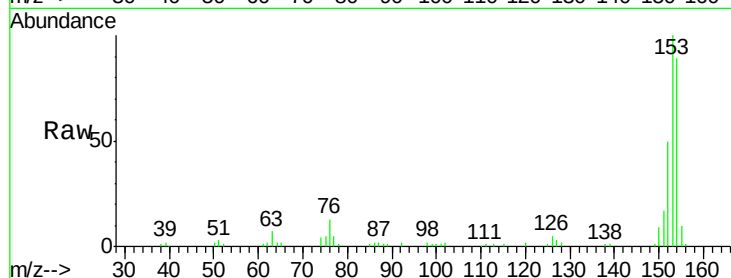
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

PB81273BS



Tgt Ion:154 Resp: 115650

Ion Ratio Lower Upper

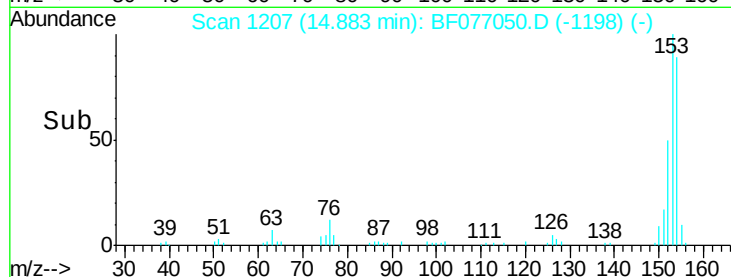
154 100

153 112.7 87.0 130.6

152 56.2 43.5 65.3

Manual Integrations
APPROVED

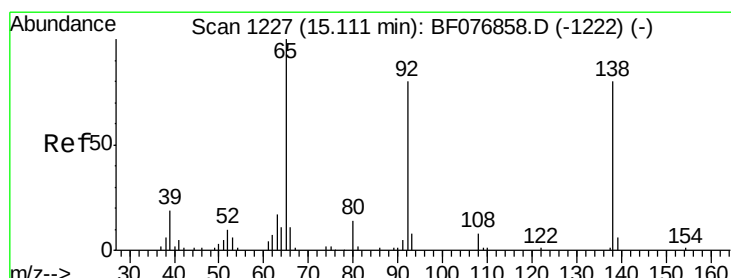
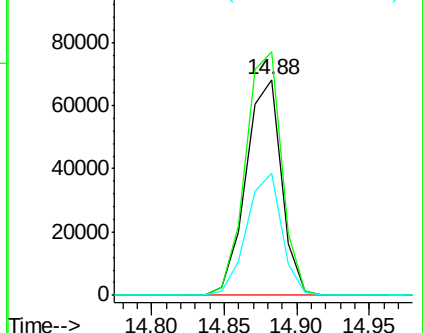
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.98 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

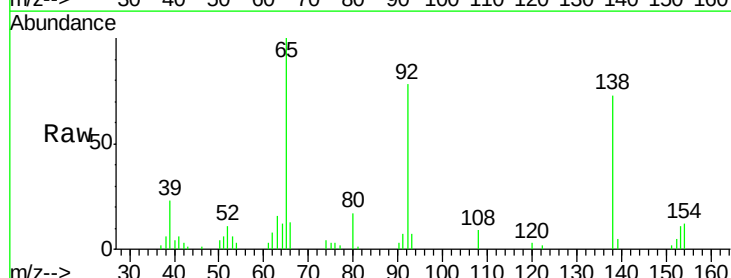
Tgt Ion:138 Resp: 27157

Ion Ratio Lower Upper

138 100

108 12.6 8.3 12.5#

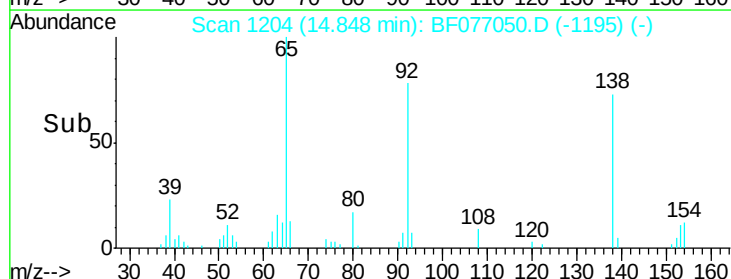
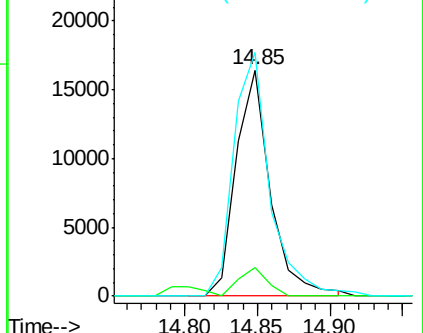
92 107.7 80.9 121.3

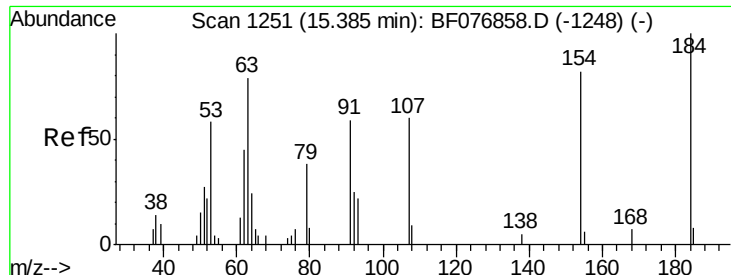


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

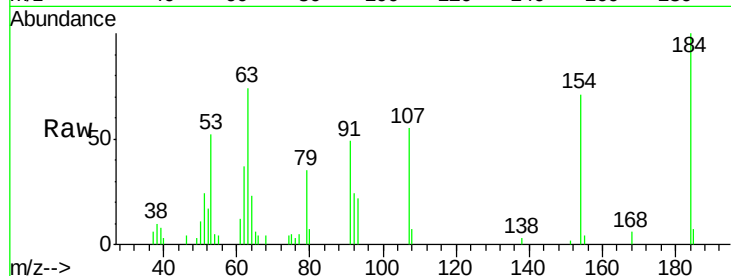
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 69.14 ng
 RT: 15.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

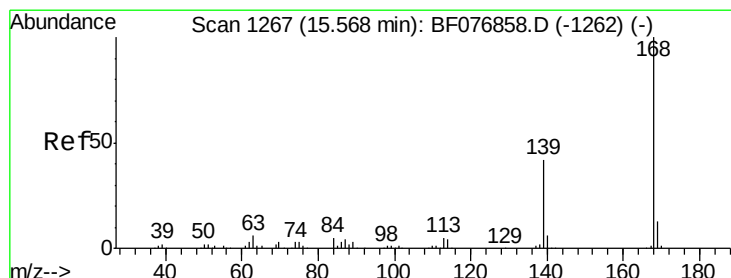
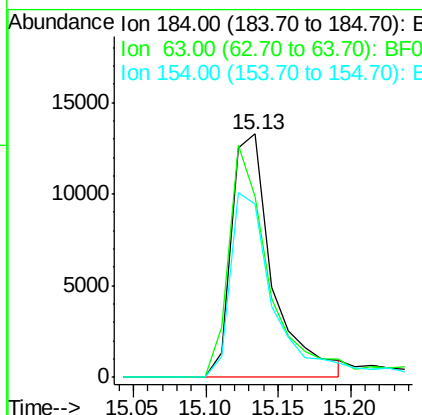
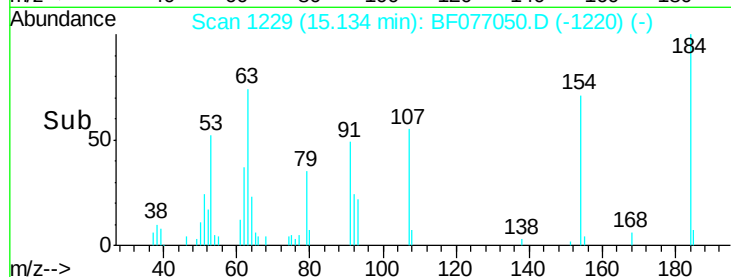
Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	26140		
63	74.5	63.0	94.6	
154	71.1	65.5	98.3	

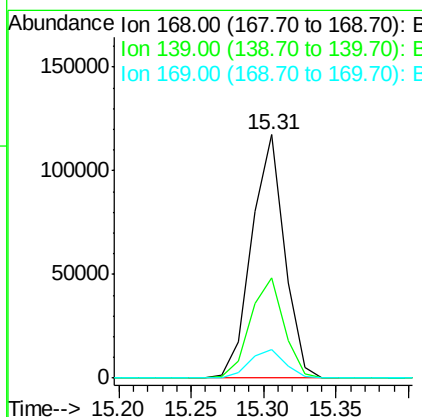
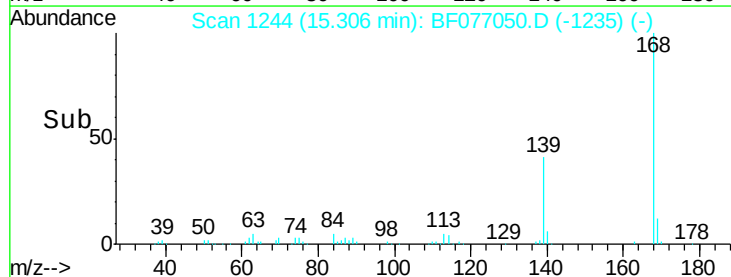
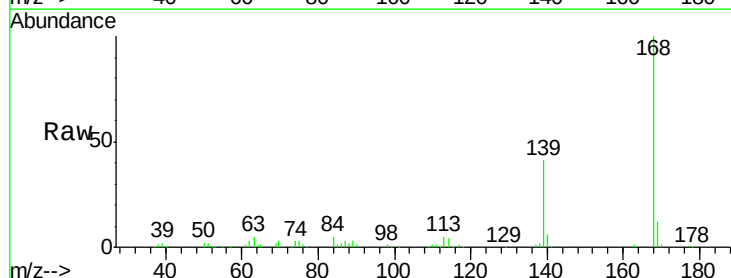
Manual Integrations
 APPROVED

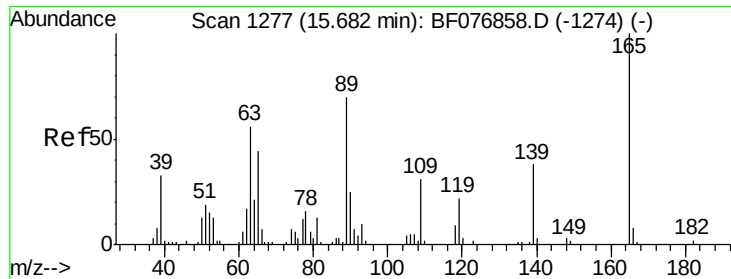
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#54
 Dibenzofuran
 Concen: 36.97 ng
 RT: 15.31 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	183764		
139	41.0	33.4	50.2	
169	11.8	10.6	15.8	





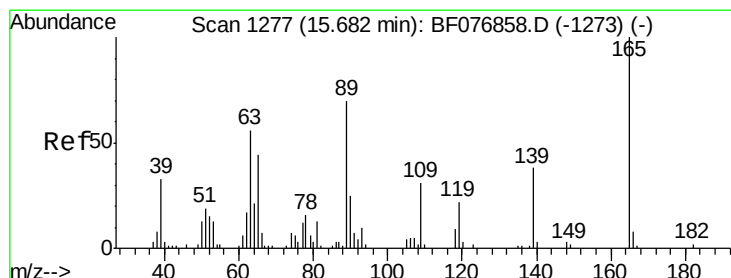
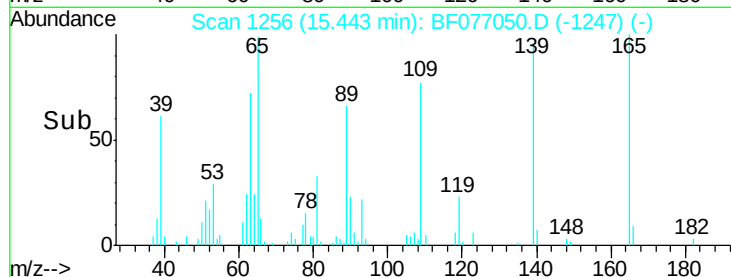
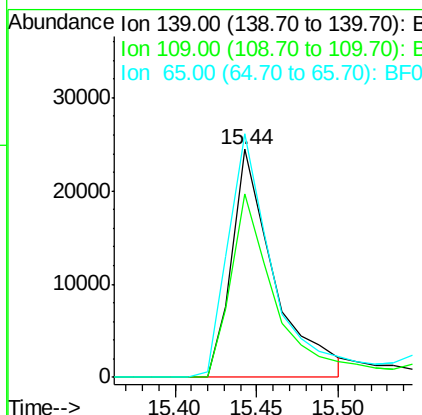
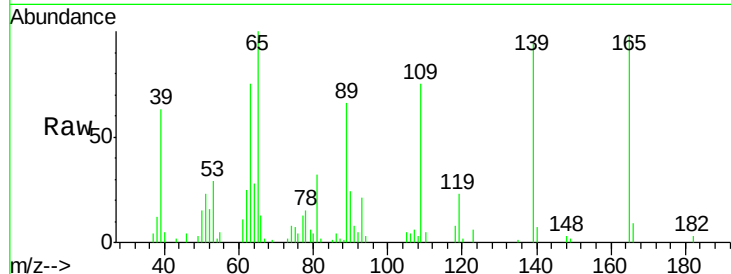
#55
4-Nitrophenol
Concen: 67.94 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	44138		
109	80.5	61.0	101.0	
65	106.9	96.6	136.6	

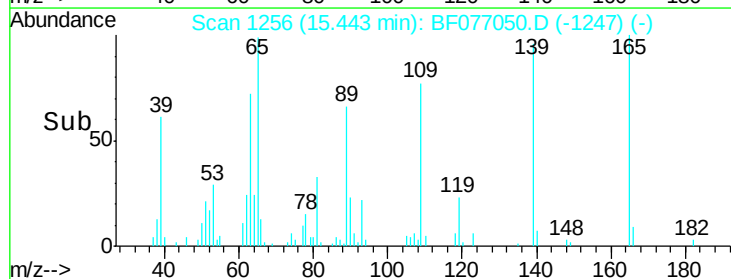
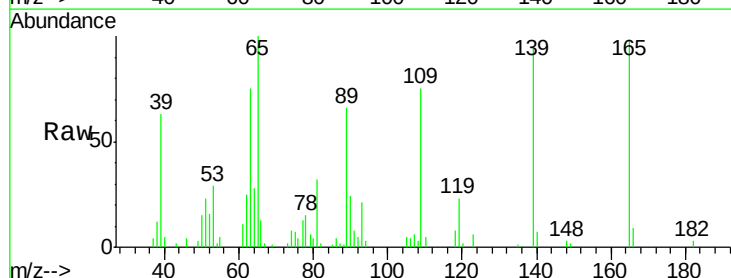
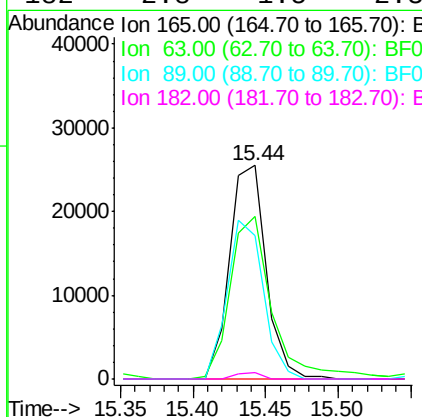
Manual Integrations
APPROVED

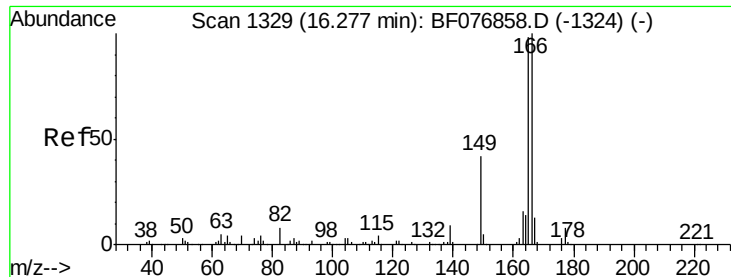
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#56
2,4-Dinitrotoluene
Concen: 36.56 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44729		
63	76.3	44.8	67.2#	
89	67.2	56.2	84.2	
182	2.8	1.5	2.3#	





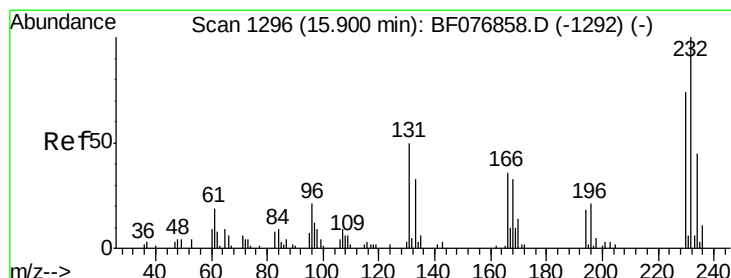
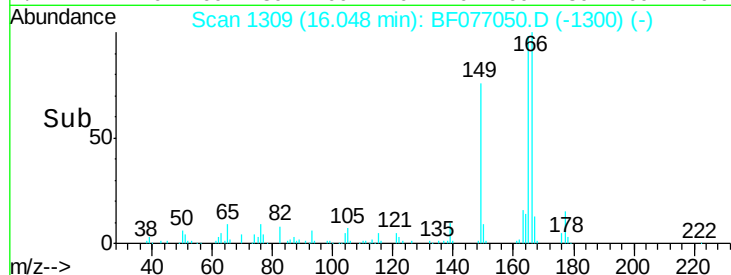
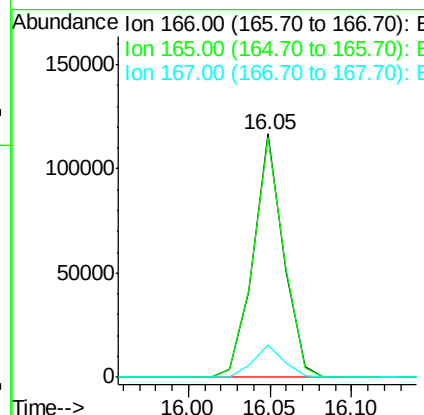
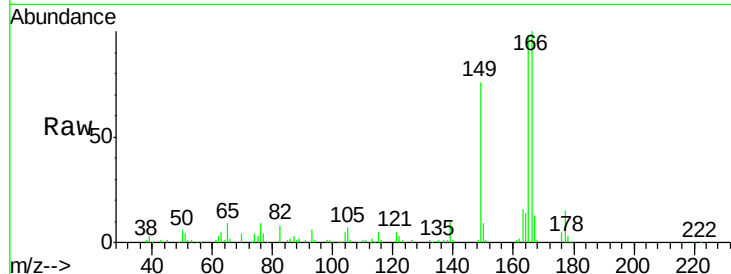
#57
 Fluorene
 Concen: 35.55 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	149711		
165	98.4	78.5	117.7	
167	13.3	10.4	15.6	

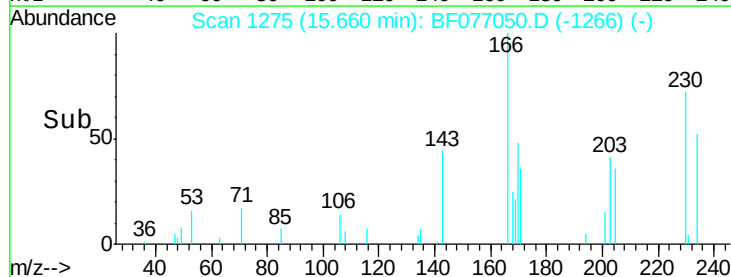
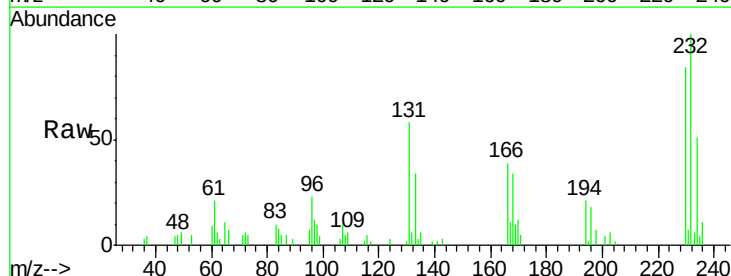
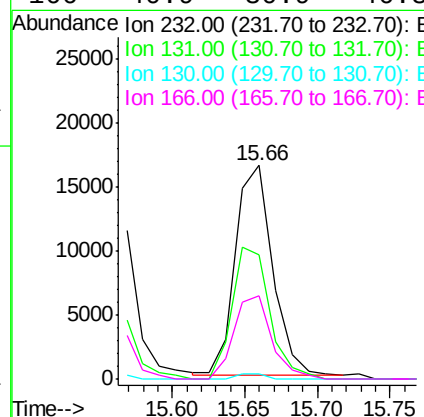
Manual Integrations
 APPROVED

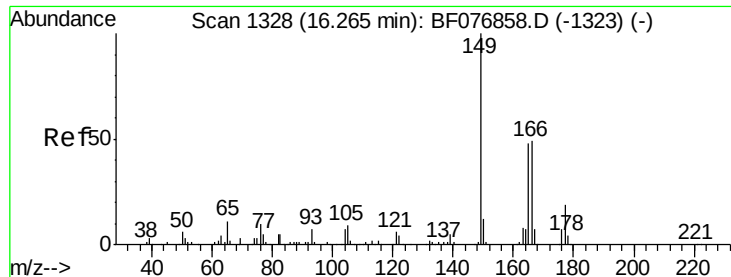
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.09 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	28994		
131	64.1	45.0	67.6	
130	1.9	2.6	3.8	
166	40.9	30.9	46.3	





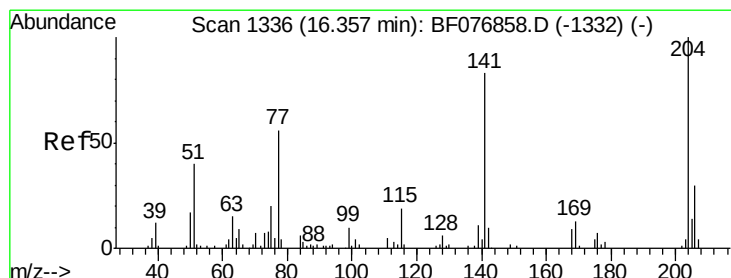
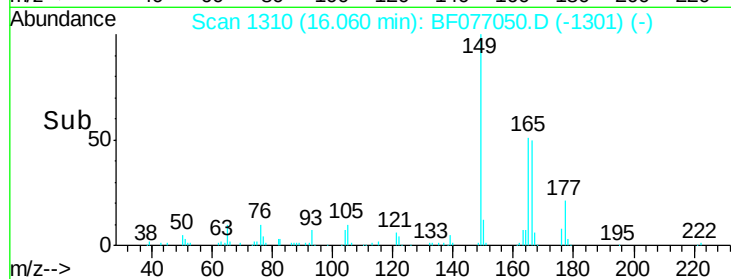
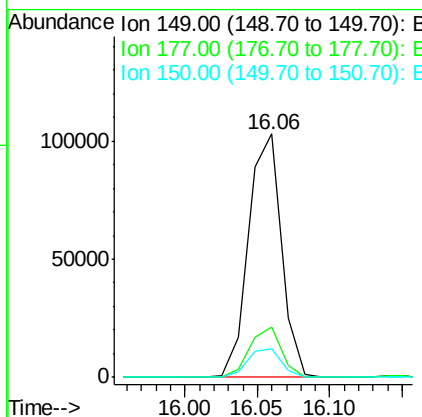
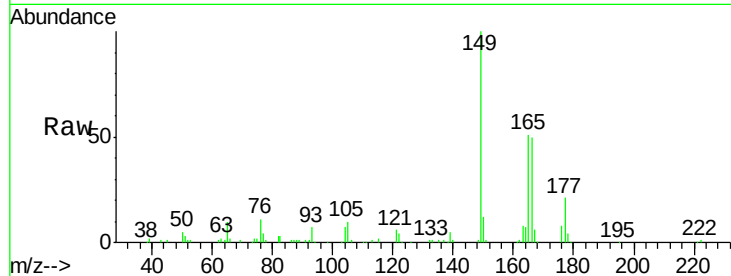
#59
Diethylphthalate
Concen: 38.57 ng
RT: 16.06 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	161572		
177	20.8	15.0	22.6	
150	12.0	9.4	14.0	

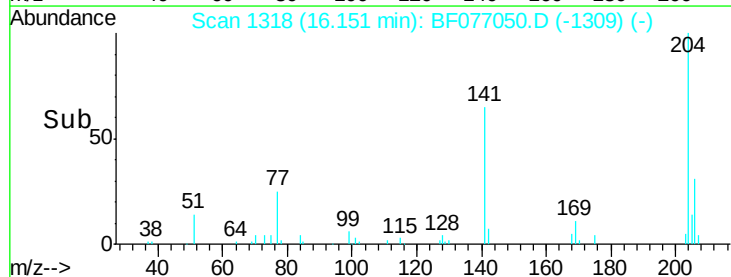
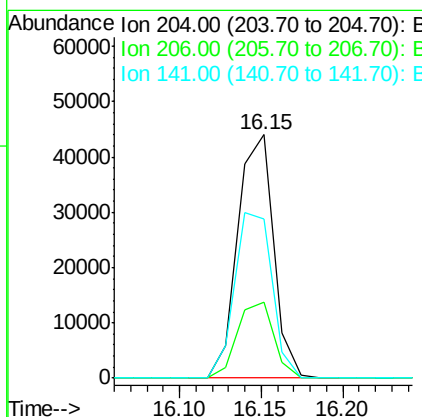
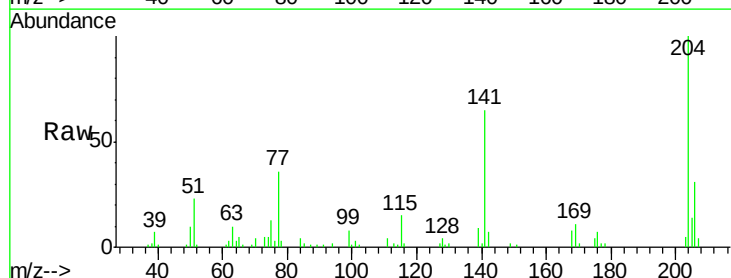
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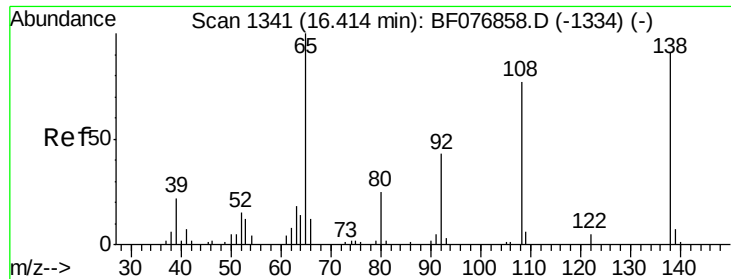
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#60
4-Chlorophenyl-phenylether
Concen: 38.63 ng
RT: 16.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	66551		
206	31.4	24.2	36.2	
141	65.5	66.7	100.1#	





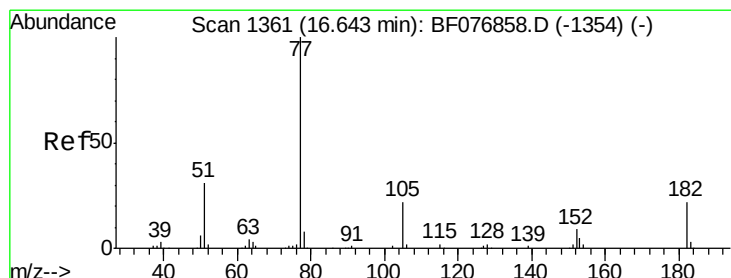
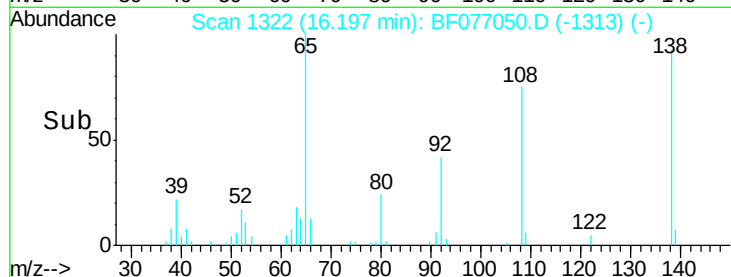
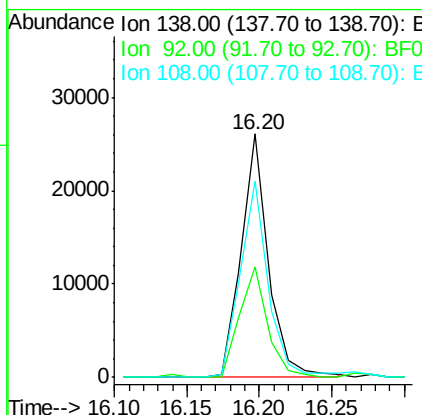
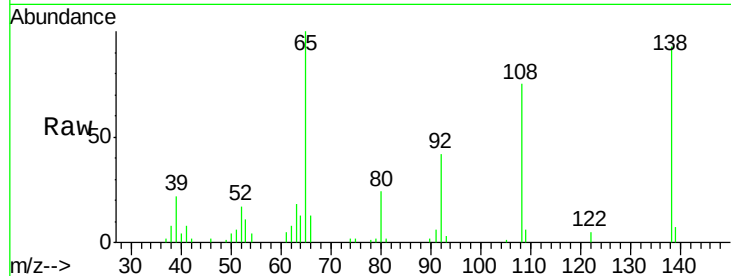
#61
4-Nitroaniline
Concen: 33.07 ng
RT: 16.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion: 138 Resp: 34035
Ion Ratio Lower Upper
138 100
92 45.2 26.7 66.7
108 80.7 64.5 104.5

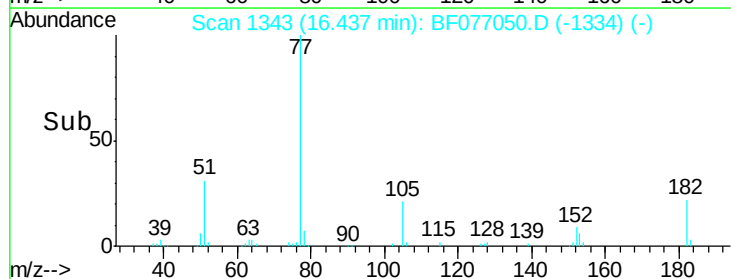
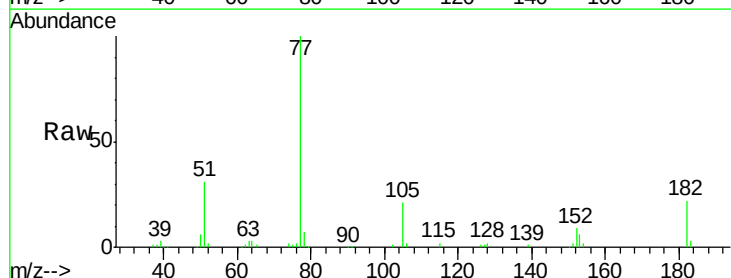
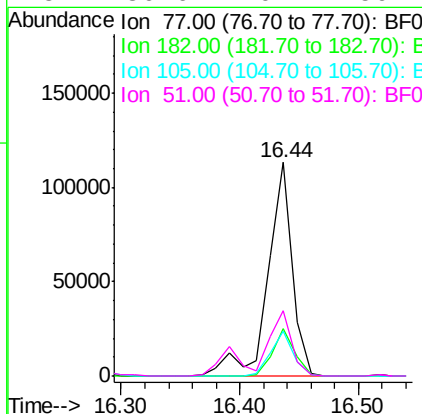
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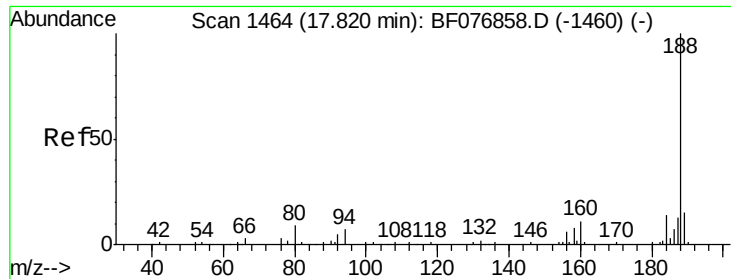
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#62
Azobenzene
Concen: 37.07 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion: 77 Resp: 161759
Ion Ratio Lower Upper
77 100
182 22.1 2.0 42.0
105 20.7 2.3 42.3
51 30.6 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

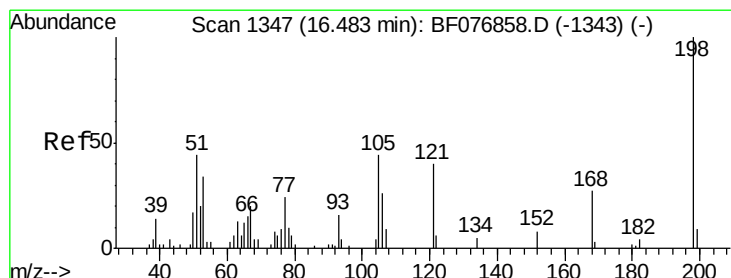
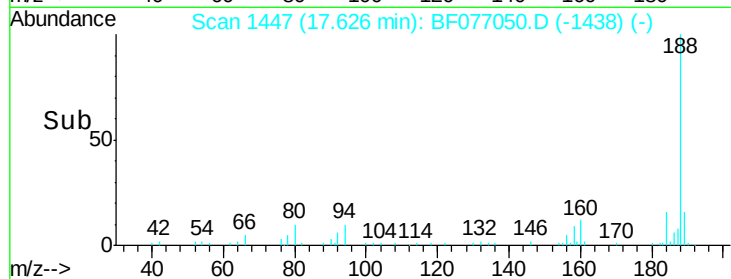
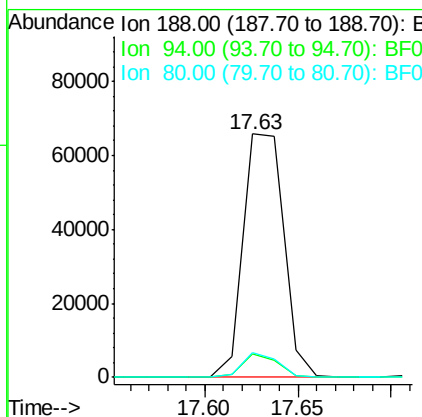
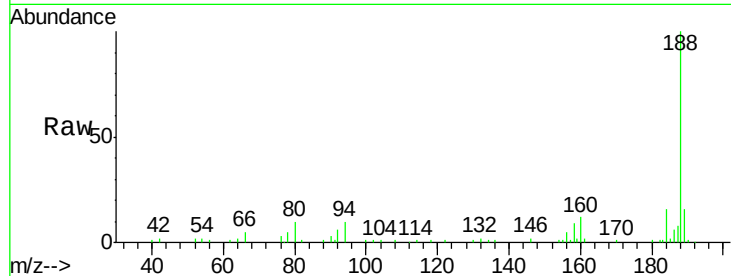
ClientSampleId :

PB81273BS

Tgt Ion:	188	Resp:	98925
Ion Ratio	Lower	Upper	
188	100		
94	9.7	6.0	9.0#
80	10.2	6.9	10.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 35.09 ng

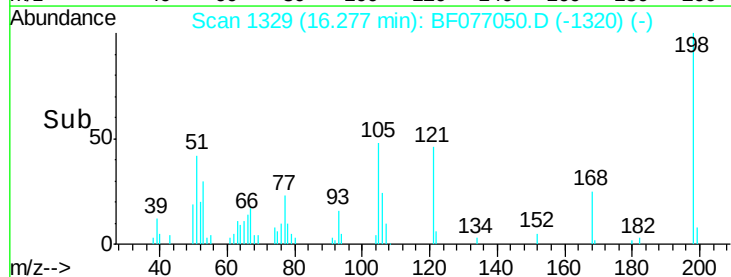
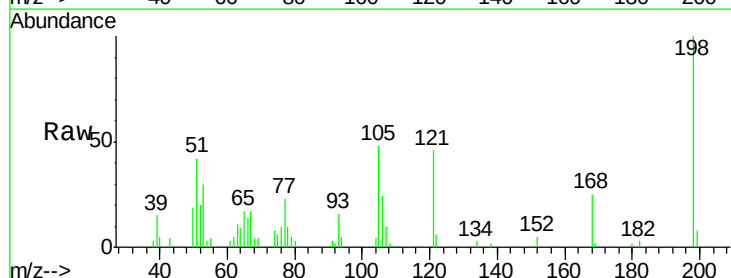
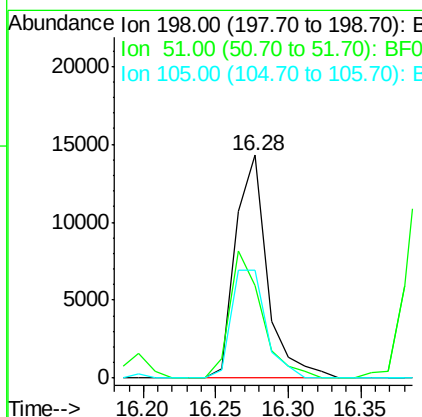
RT: 16.28 min Scan# 1329

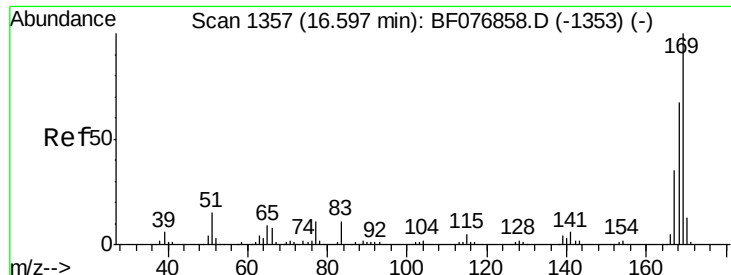
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	198	Resp:	21703
Ion Ratio	Lower	Upper	
198	100		
51	41.6	24.2	64.2
105	48.4	24.0	64.0





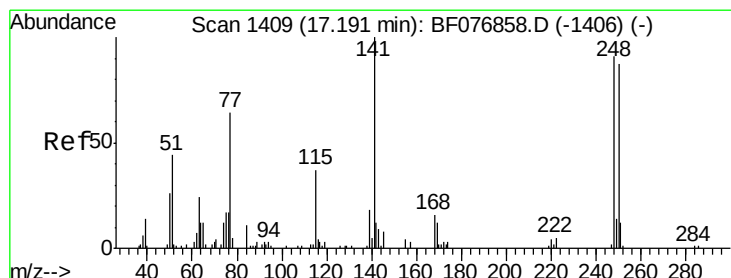
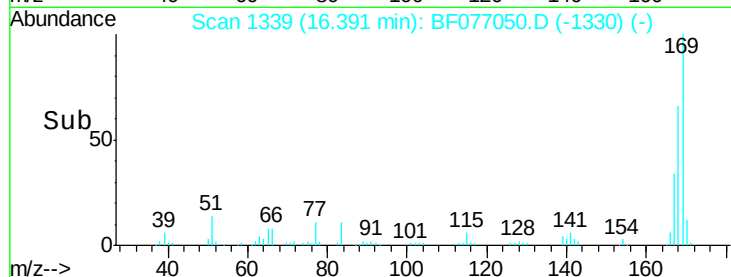
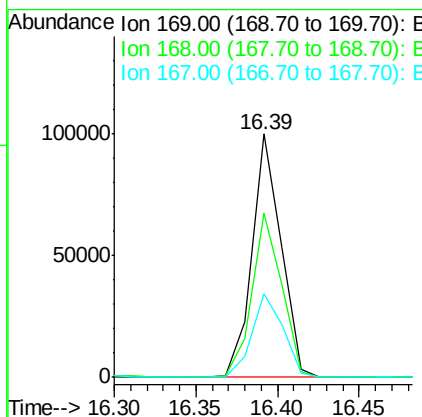
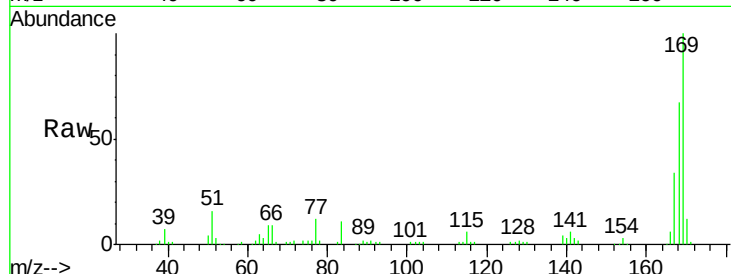
#65
 n-Nitrosodiphenylamine
 Concen: 35.04 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	123596		
168	67.4	53.8	80.6	
167	34.3	27.8	41.6	

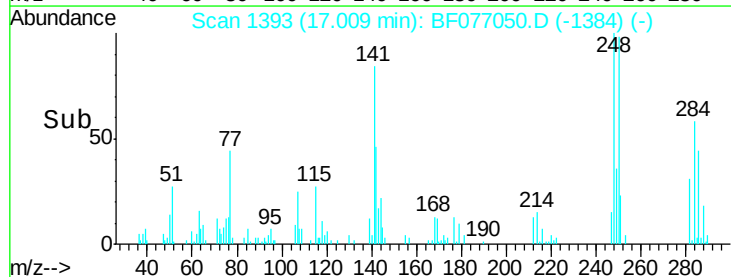
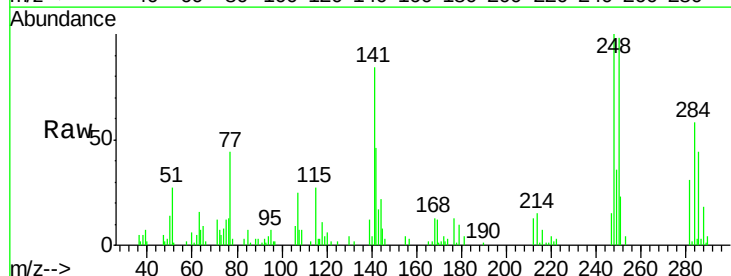
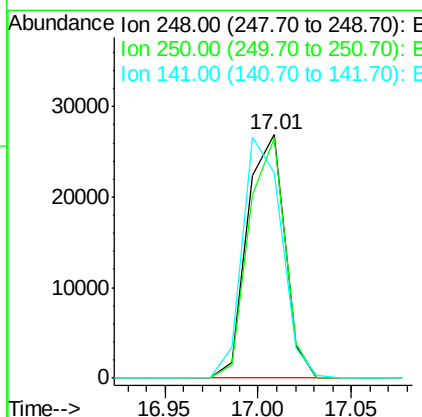
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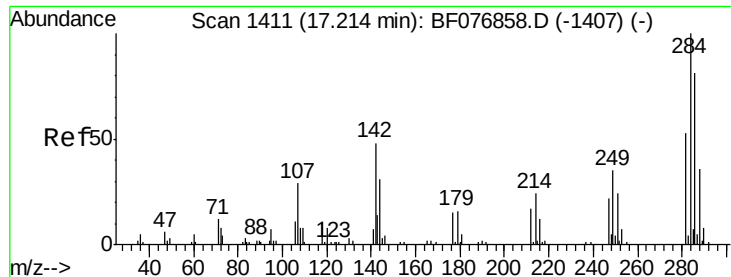
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#66
 4-Bromophenyl-phenylether
 Concen: 37.32 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	37402		
250	98.5	77.1	115.7	
141	84.2	88.2	132.4	





#67

Hexachlorobenzene

Concen: 37.87 ng

RT: 17.02 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF077050.D

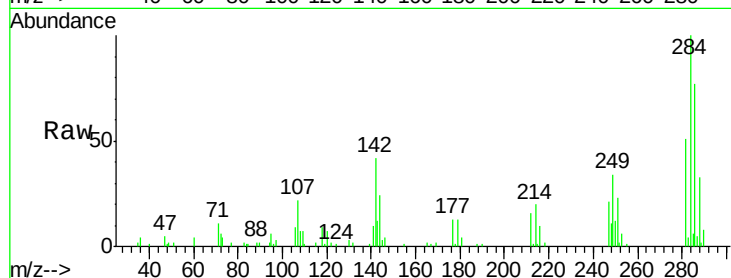
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

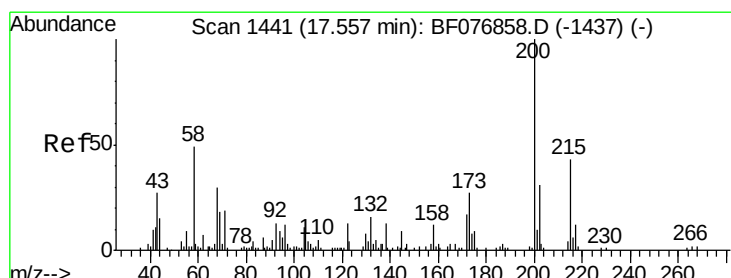
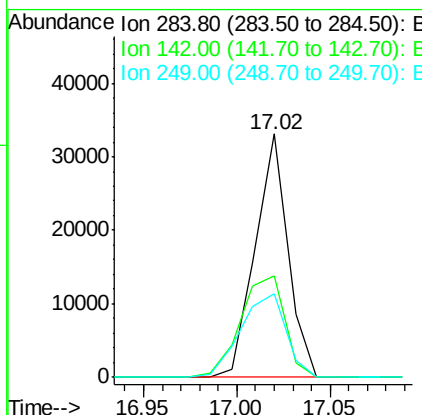
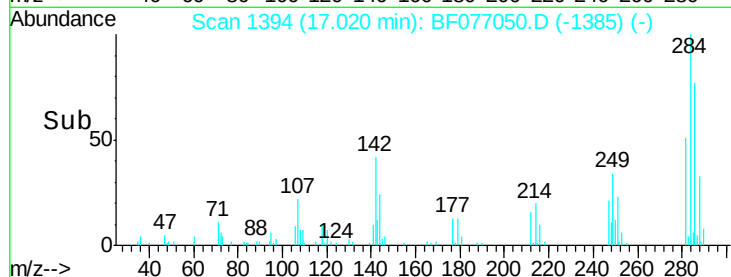
PB81273BS



Tgt Ion:	284	Resp:	39996
Ion Ratio	Lower	Upper	
284	100		
142	41.9	38.2	57.4
249	34.2	28.2	42.2

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#68

Atrazine

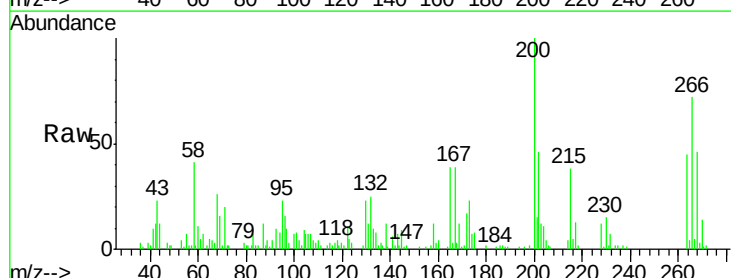
Concen: 42.43 ng

RT: 17.39 min Scan# 1426

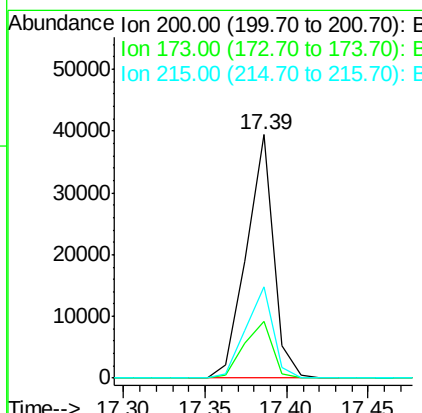
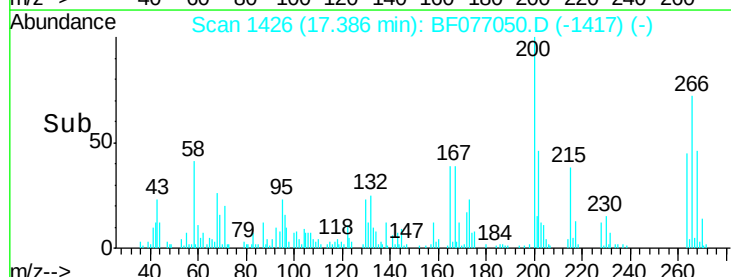
Delta R.T. 0.00 min

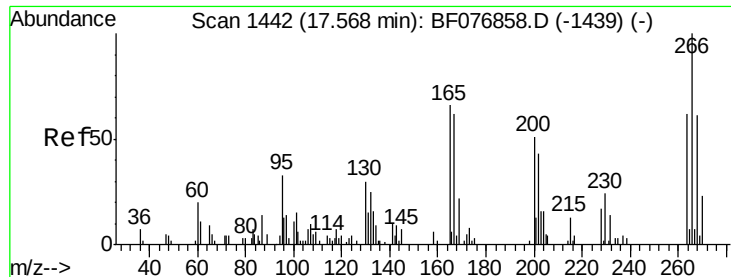
Lab File: BF077050.D

Acq: 26 Jan 2015 12:54



Tgt Ion:	200	Resp:	45414
Ion Ratio	Lower	Upper	
200	100		
173	23.5	6.6	46.6
215	37.5	22.9	62.9





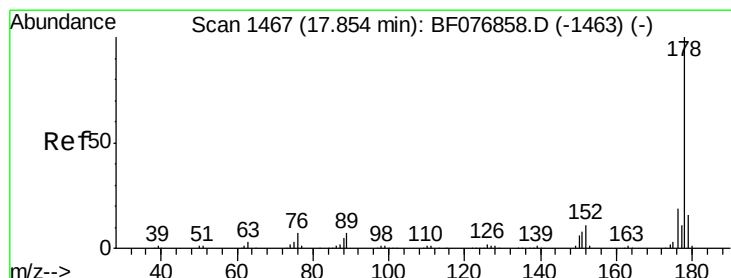
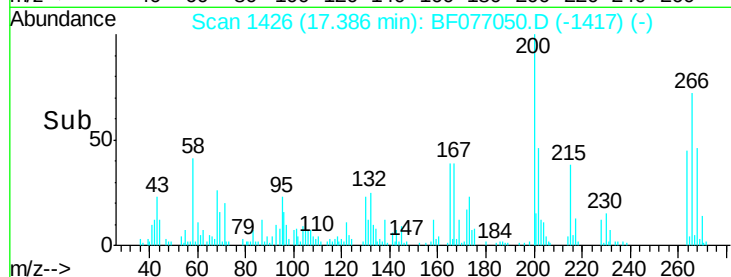
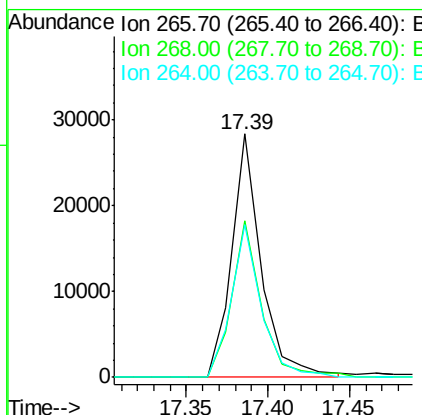
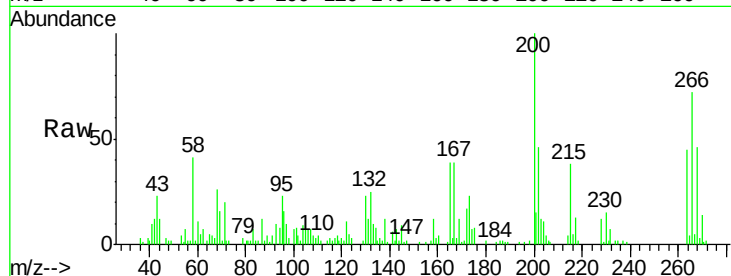
#69
Pentachlorophenol
 Concen: 73.59 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:	266	Resp:	35357
Ion Ratio	Lower	Upper	
266	100		
268	64.1	48.6	72.8
264	62.6	49.5	74.3

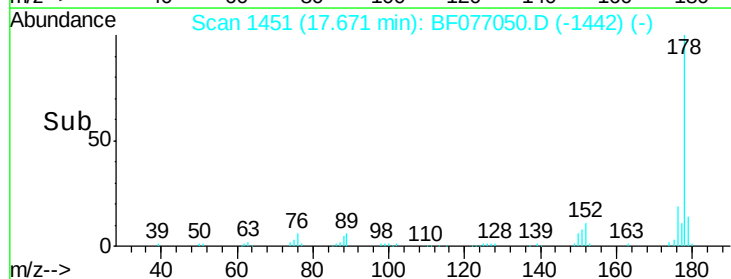
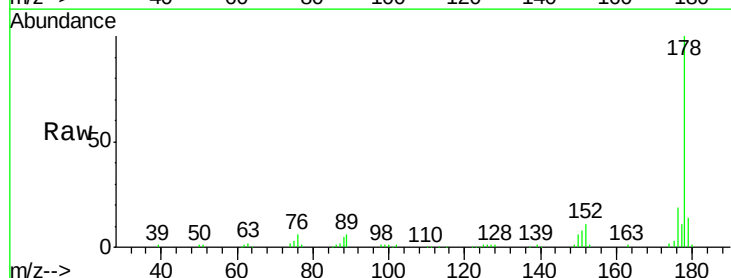
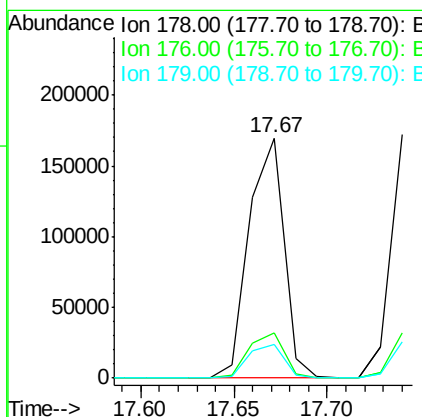
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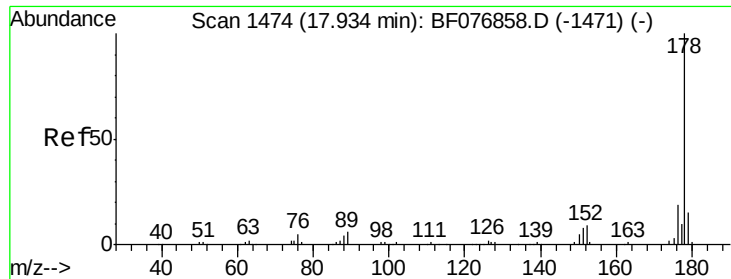
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#70
Phenanthrene
 Concen: 35.78 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion:	178	Resp:	220727
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.1	22.7
179	13.8	12.7	19.1





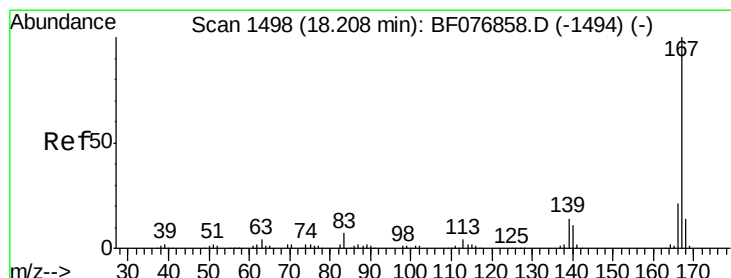
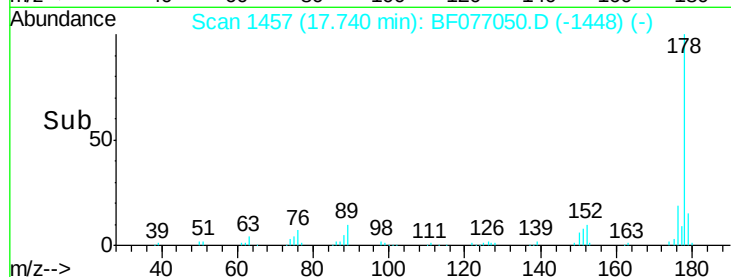
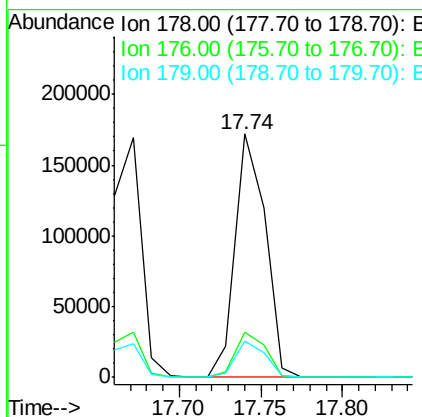
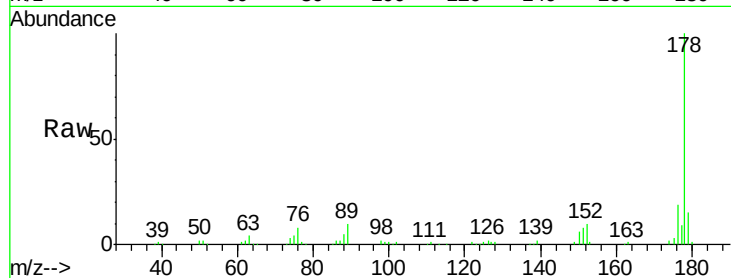
#71
 Anthracene
 Concen: 36.71 ng
 RT: 17.74 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	14.9	11.9	17.9

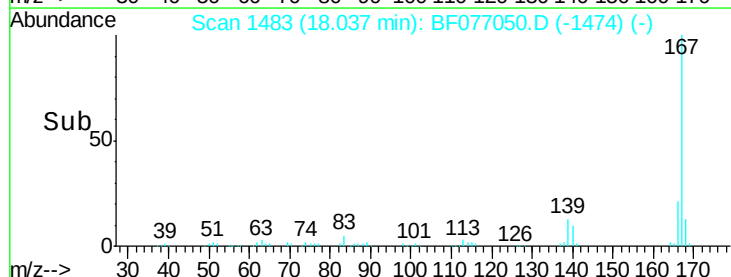
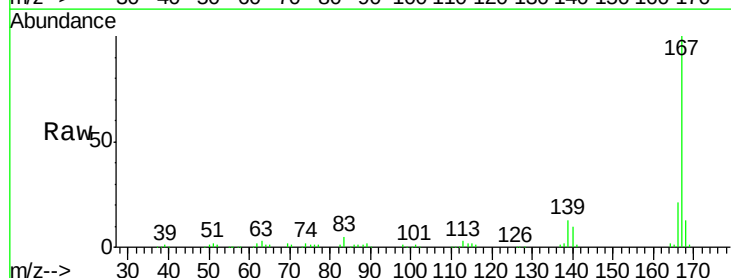
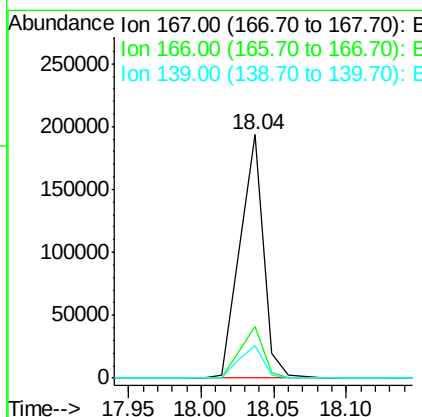
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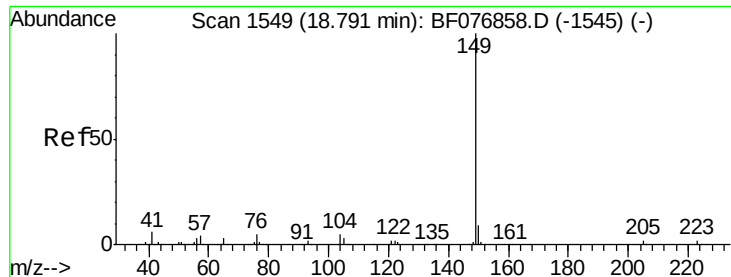
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#72
 Carbazole
 Concen: 37.56 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.2	11.3	16.9





#73

Di-n-butylphthalate

Concen: 39.44 ng

RT: 18.63 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF077050.D

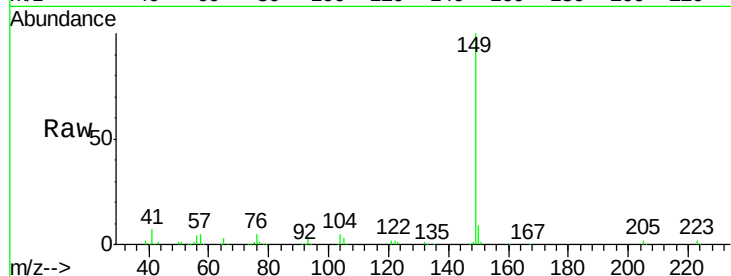
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

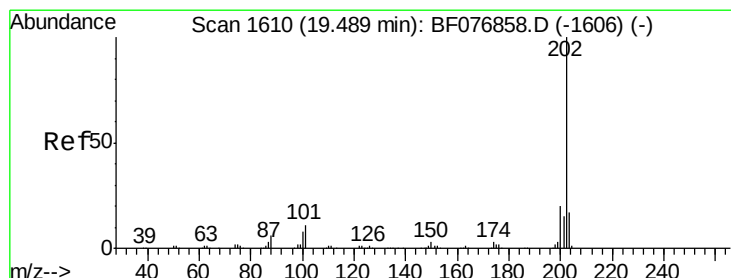
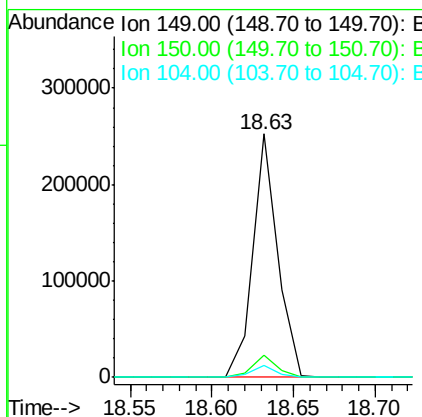
PB81273BS



Tgt Ion:	149	Resp:	266404
Ion Ratio	Lower	Upper	
149	100		
150	9.2	6.9	10.3
104	5.0	3.7	5.5

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#74

Fluoranthene

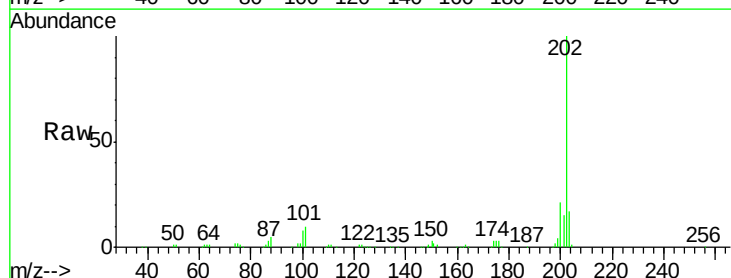
Concen: 35.77 ng

RT: 19.32 min Scan# 1595

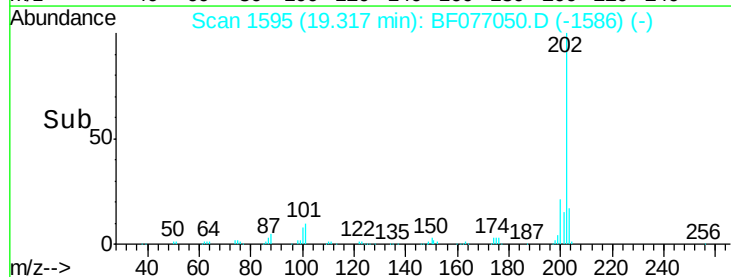
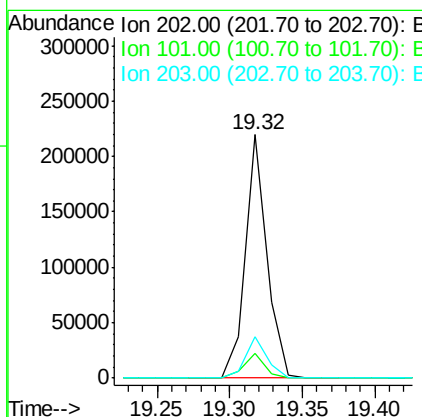
Delta R.T. 0.00 min

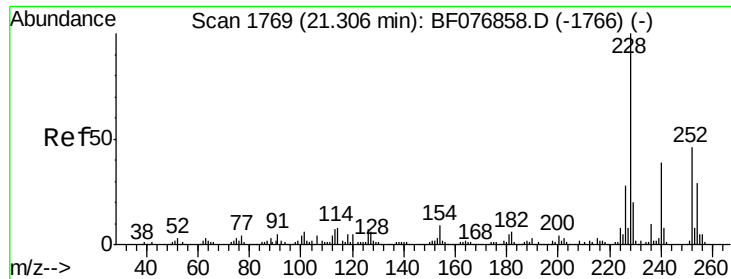
Lab File: BF077050.D

Acq: 26 Jan 2015 12:54



Tgt Ion:	202	Resp:	226106
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.7
203	17.2	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF077050.D

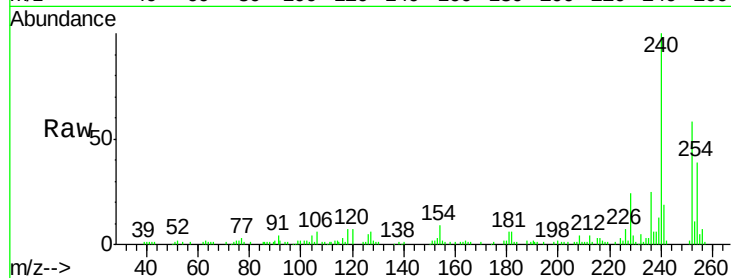
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

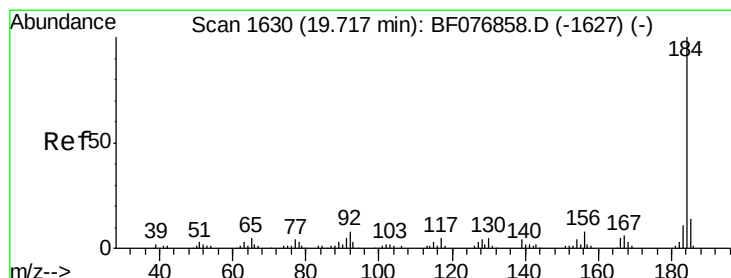
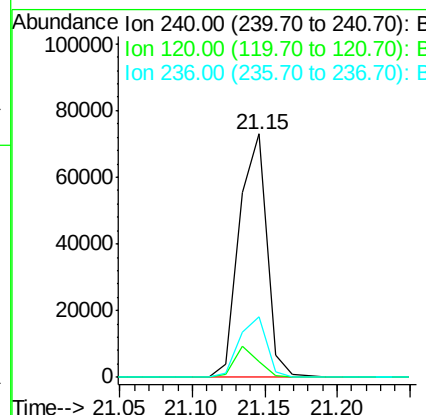
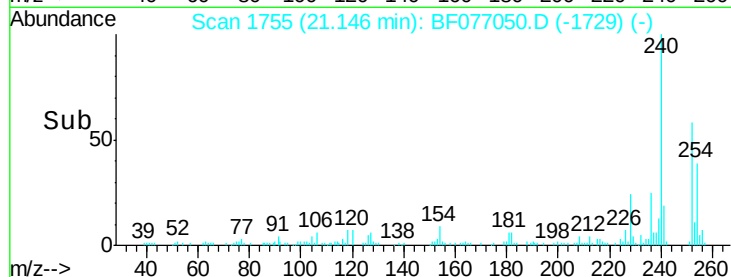
PB81273BS



Tgt Ion:	240	Resp:	96154
Ion Ratio	Lower	Upper	
240	100		
120	6.7	10.4	15.6#
236	25.0	20.2	30.2

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#76

Benzidine

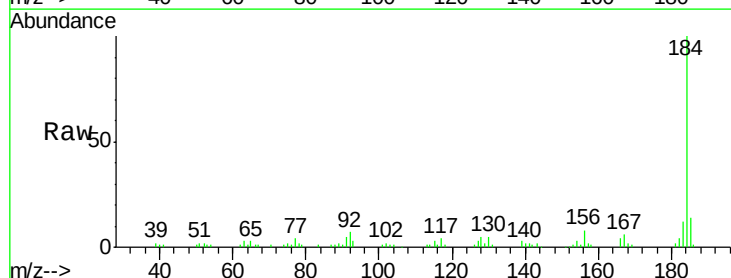
Concen: 34.79 ng

RT: 19.56 min Scan# 1616

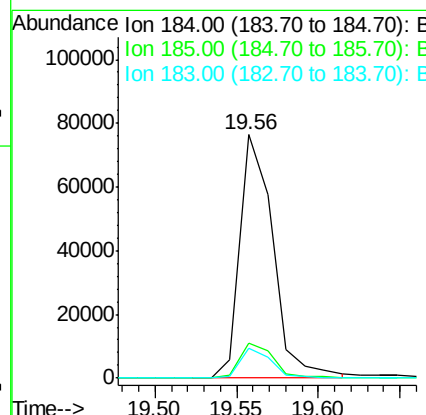
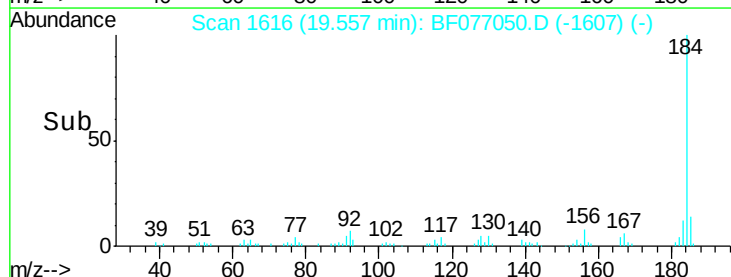
Delta R.T. 0.00 min

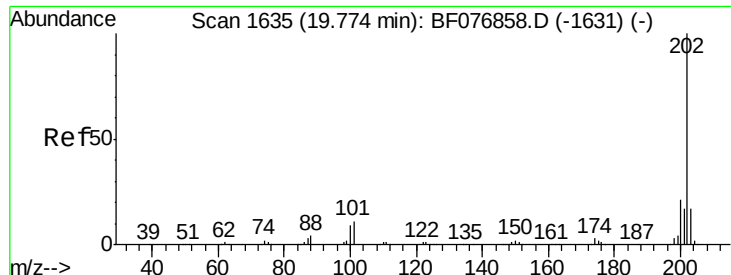
Lab File: BF077050.D

Acq: 26 Jan 2015 12:54



Tgt Ion:	184	Resp:	107029
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.4	17.2
183	12.1	9.0	13.6





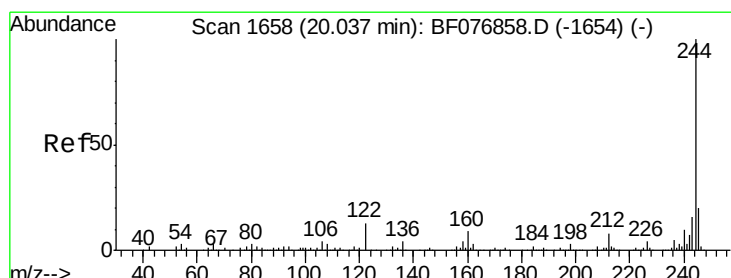
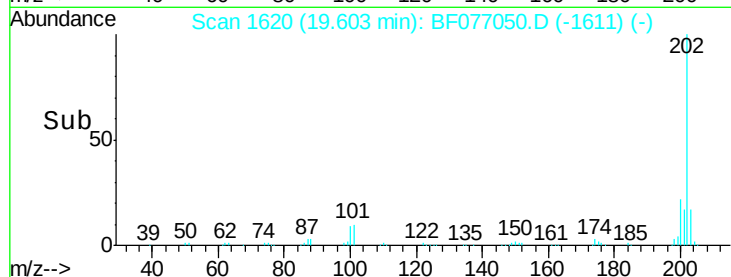
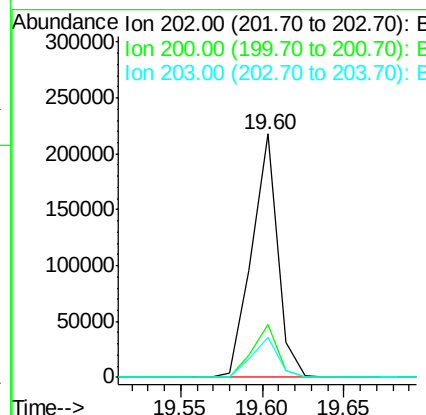
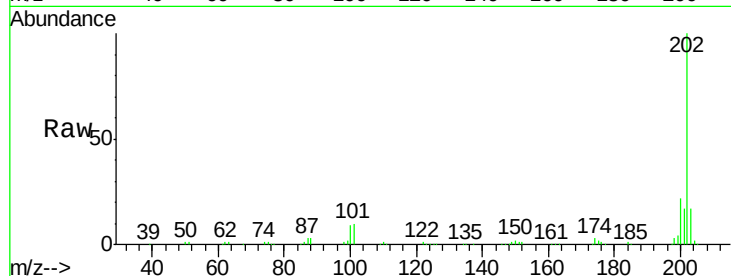
#77
 Pyrene
 Concen: 36.47 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	16.7	25.1
203	16.6	14.0	21.0

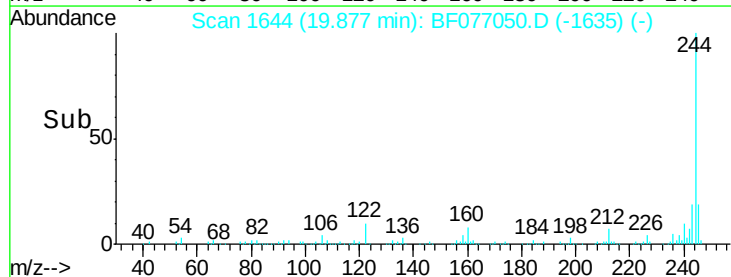
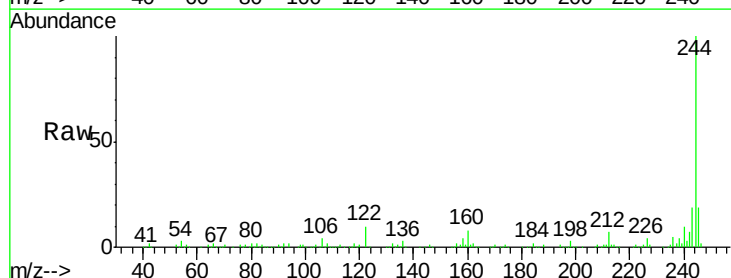
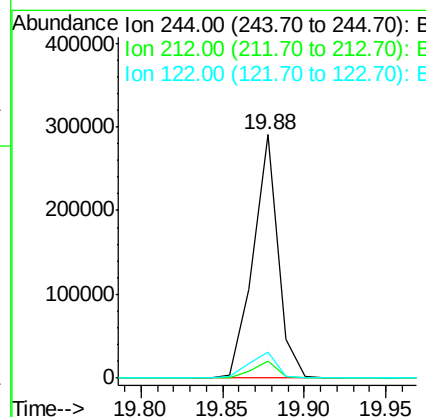
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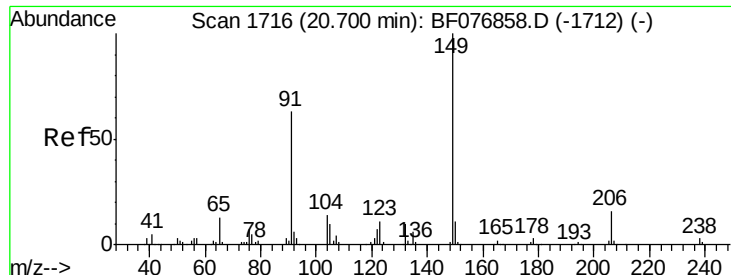
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#78
 Terphenyl-d14
 Concen: 73.77 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.3	9.5
122	10.4	10.1	15.1





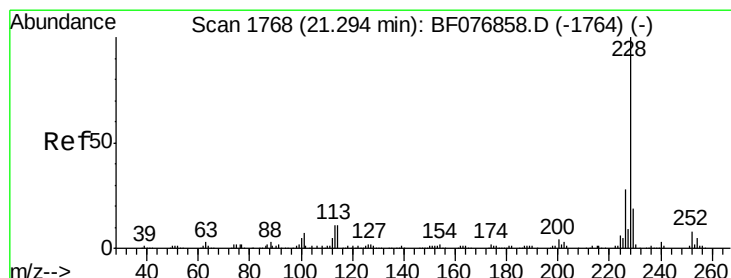
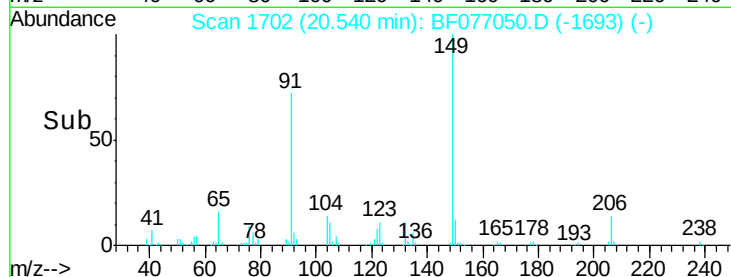
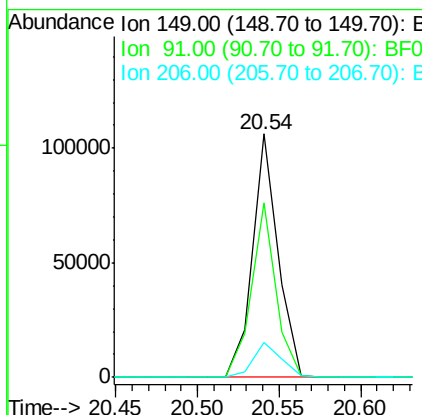
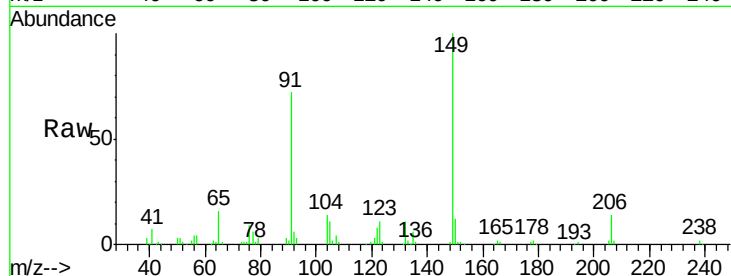
#79
Butylbenzylphthalate
Concen: 38.76 ng
RT: 20.54 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampled :
PB81273BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	115670		
91	71.8	50.6	76.0	
206	14.3	12.8	19.2	

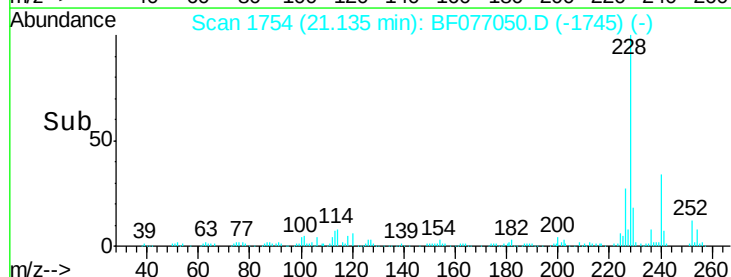
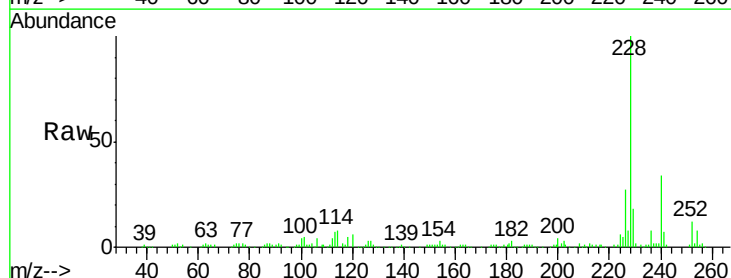
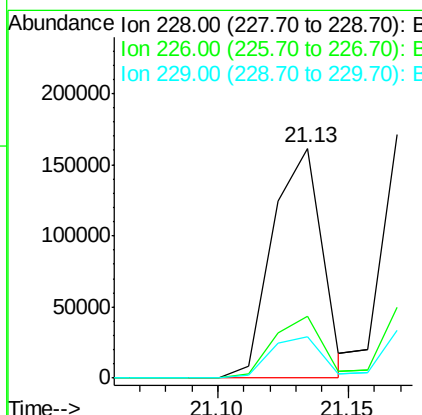
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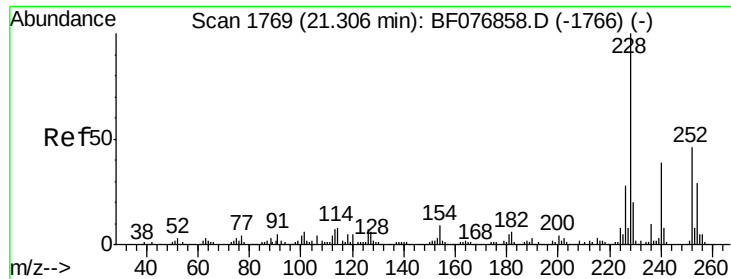
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#80
Benzo(a)anthracene
Concen: 35.47 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	213958		
226	26.9	22.1	33.1	
229	18.2	15.5	23.3	





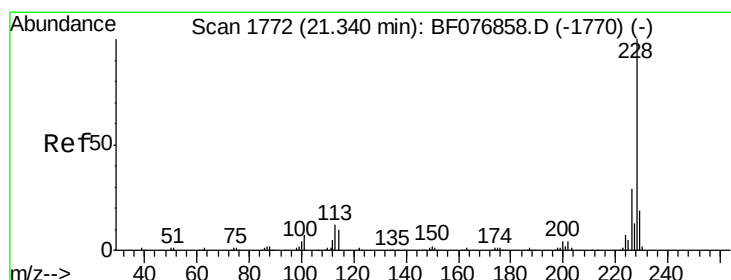
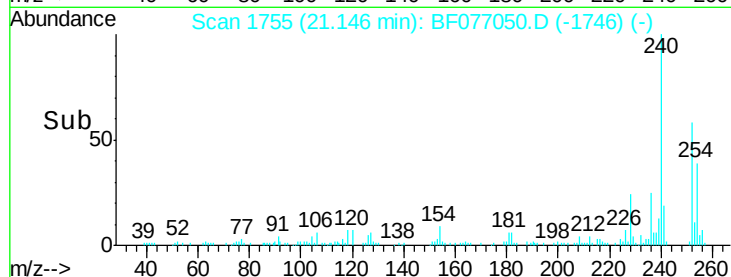
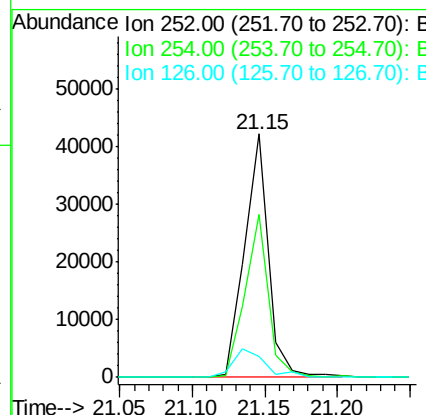
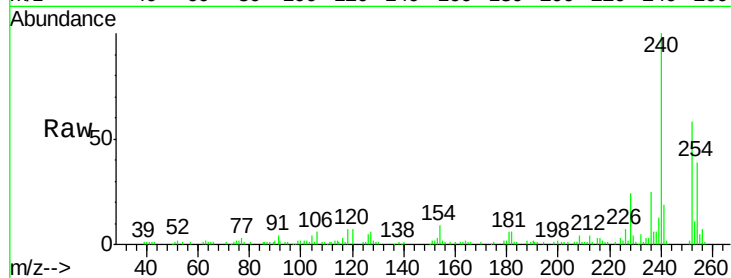
#81
 3,3'-Dichlorobenzidine
 Concen: 25.45 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	50.2	75.4
126	8.7	11.5	17.3

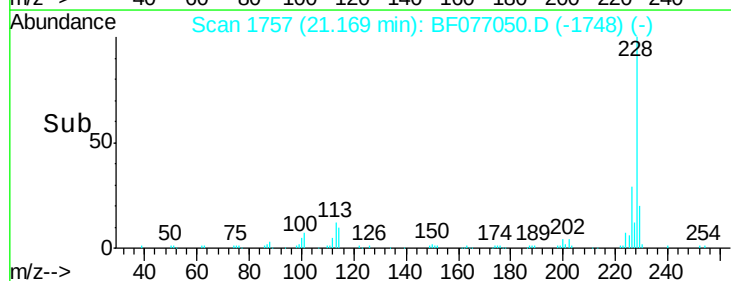
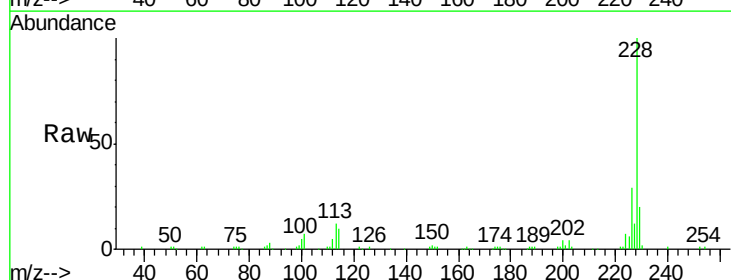
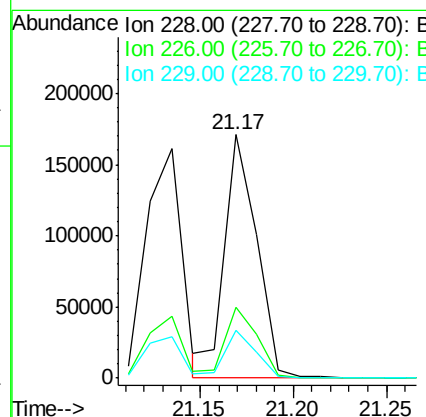
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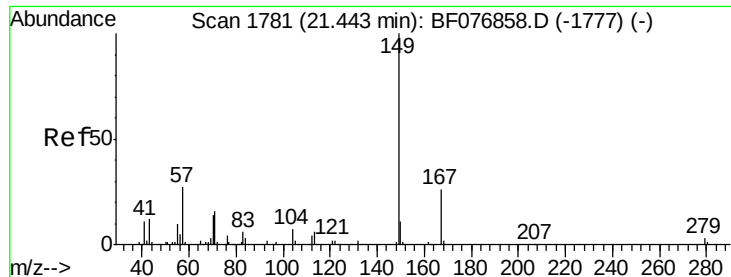
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#82
 Chrysene
 Concen: 37.21 ng
 RT: 21.17 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	19.6	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.77 ng

RT: 21.28 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

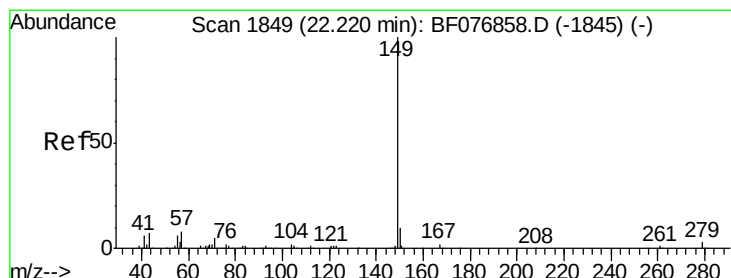
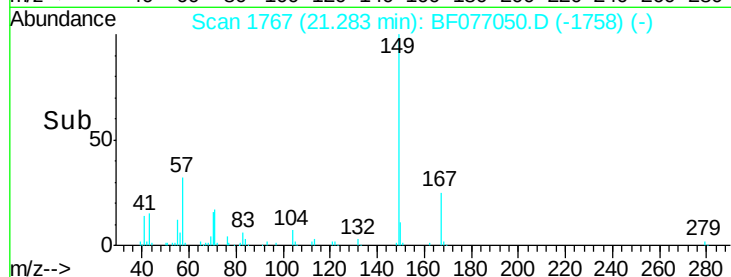
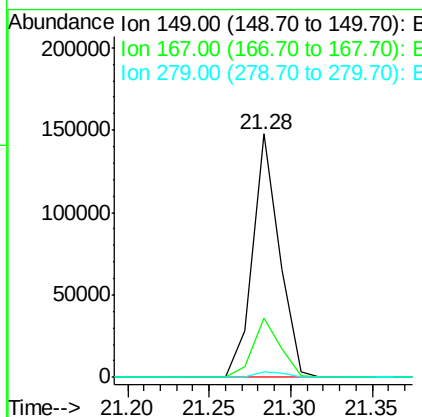
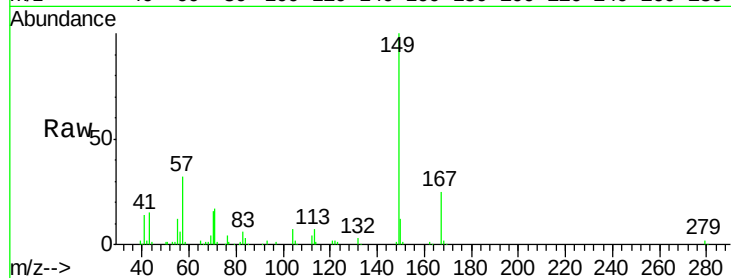
ClientSampleId :

PB81273BS

Tgt Ion:	149	Resp:	168343
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.6	30.8
279	2.3	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 41.63 ng

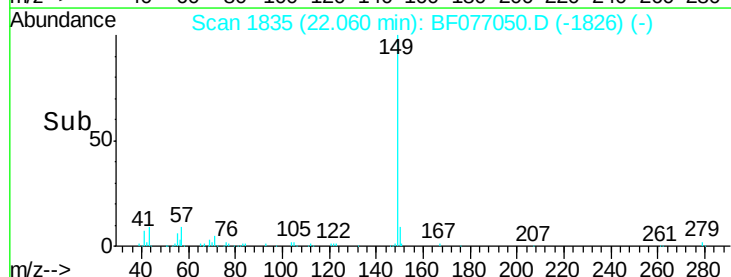
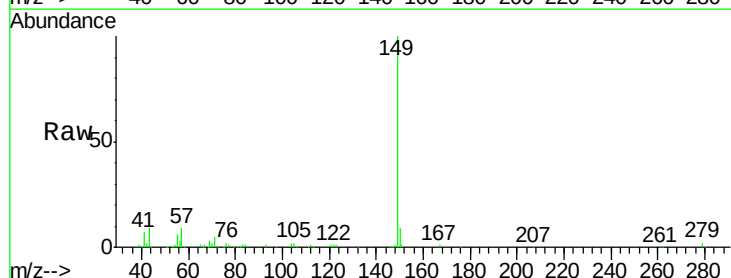
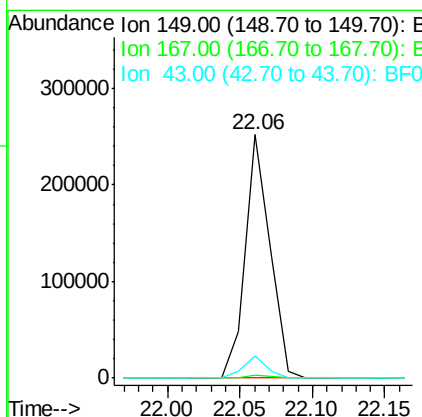
RT: 22.06 min Scan# 1835

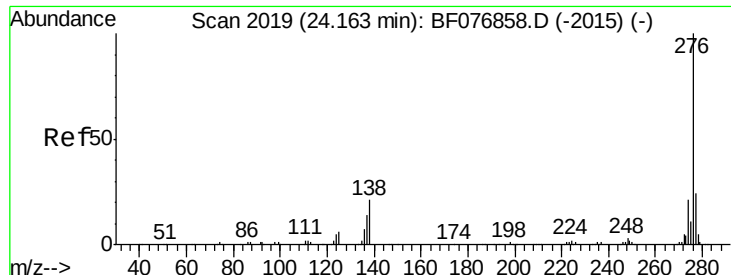
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion:	149	Resp:	298374
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.1	1.7
43	8.6	6.6	10.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.87 ng

RT: 23.97 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF077050.D

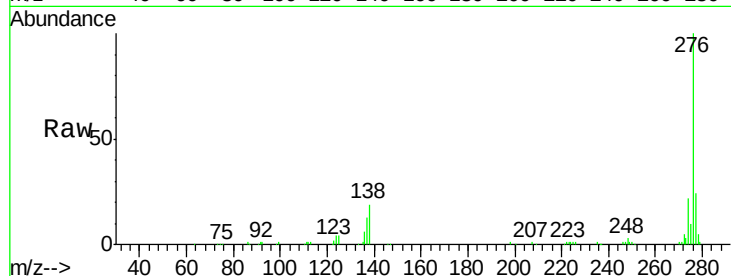
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

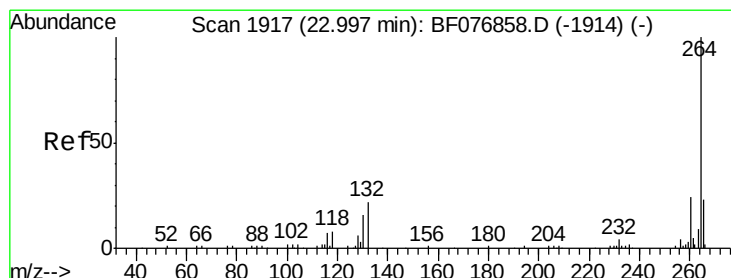
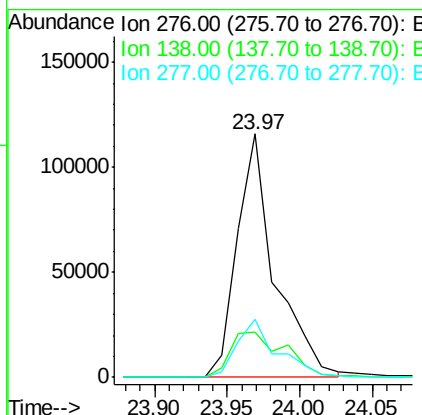
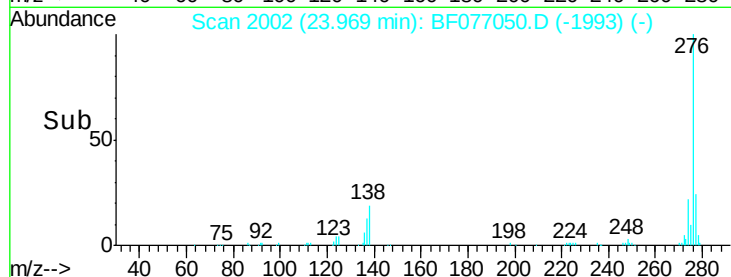
PB81273BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	209151		
138	27.0	14.6	22.0#	
277	25.6	14.8	22.2#	

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#86

Perylene-d12

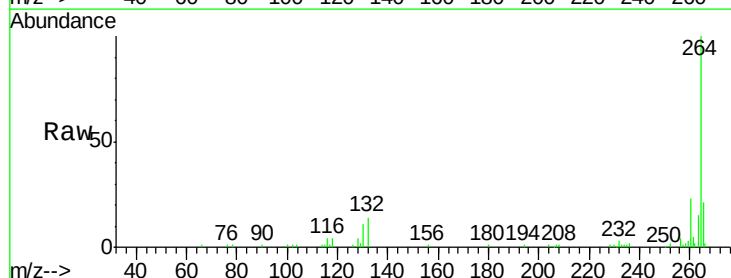
Concen: 20.00 ng

RT: 22.83 min Scan# 1902

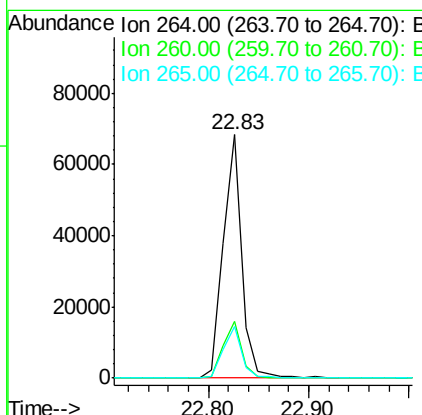
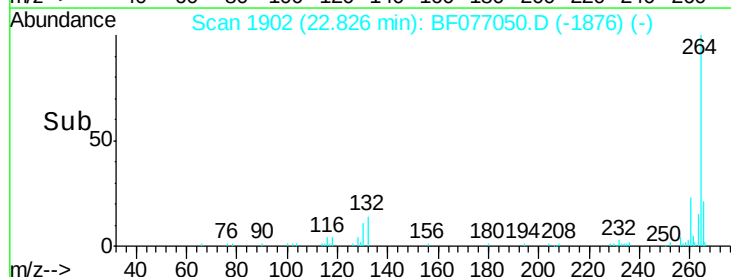
Delta R.T. 0.00 min

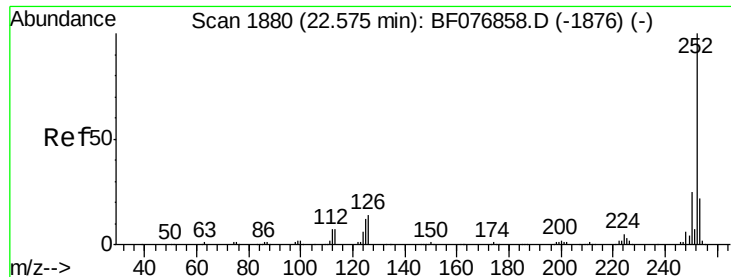
Lab File: BF077050.D

Acq: 26 Jan 2015 12:54



Tgt Ion	Ratio	Resp	Lower	Upper
264	100	87163		
260	23.4	19.0	28.4	
265	21.4	18.1	27.1	





#87

Benzo(b)fluoranthene

Concen: 35.20 ng

RT: 22.40 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF077050.D

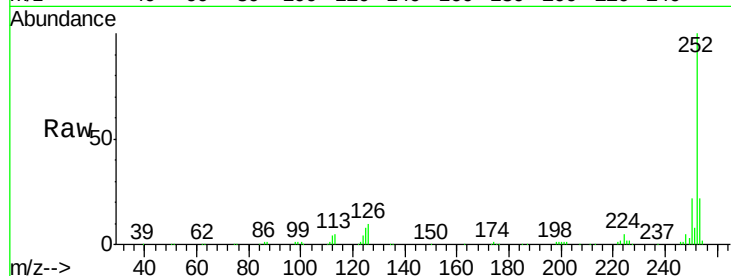
Acq: 26 Jan 2015 12:54

Instrument :

BNA_F

ClientSampleId :

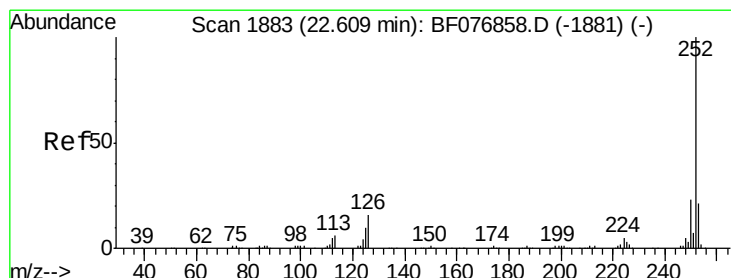
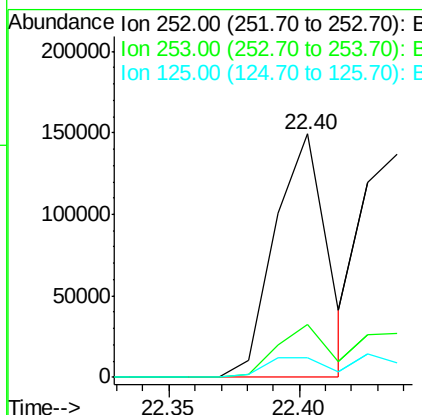
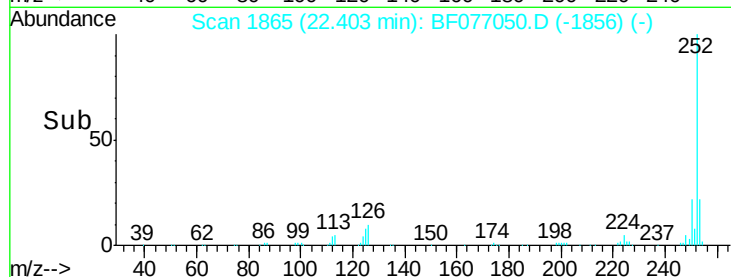
PB81273BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	206621		
253	22.0	17.5	26.3	
125	8.1	9.4	14.0	

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#88

Benzo(k)fluoranthene

Concen: 37.15 ng m

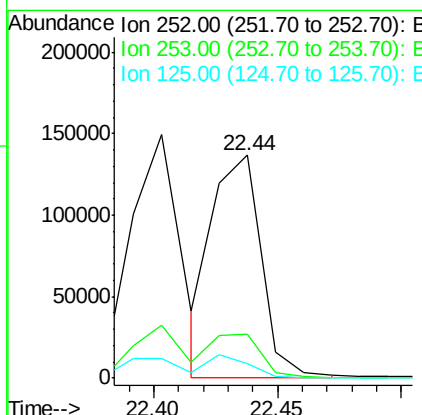
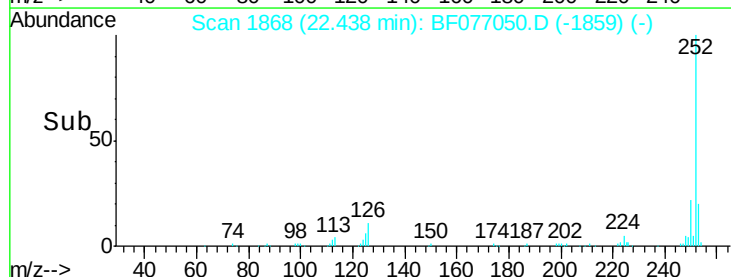
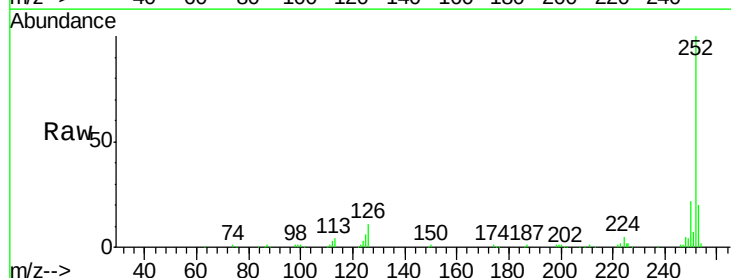
RT: 22.44 min Scan# 1868

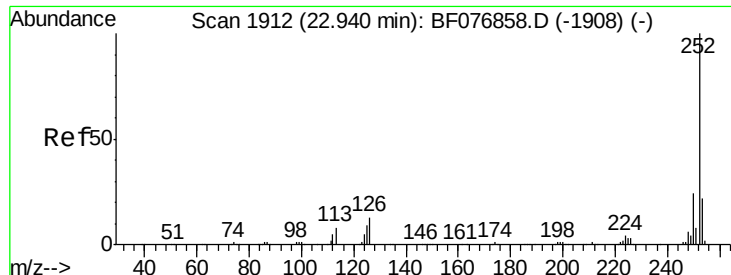
Delta R.T. 0.00 min

Lab File: BF077050.D

Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	190566		
253	19.8	17.2	25.8	
125	6.4	7.1	10.7	





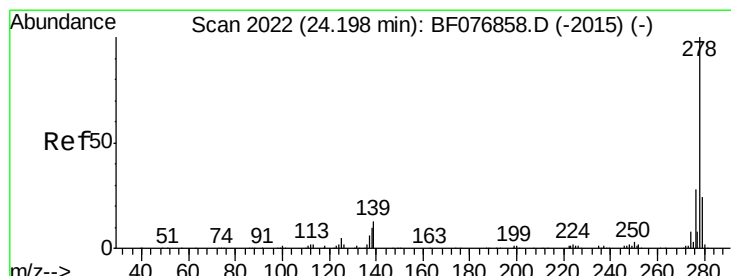
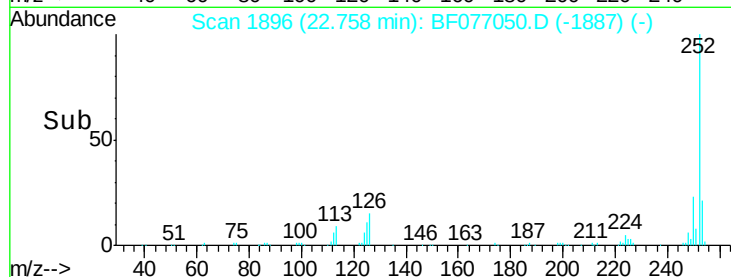
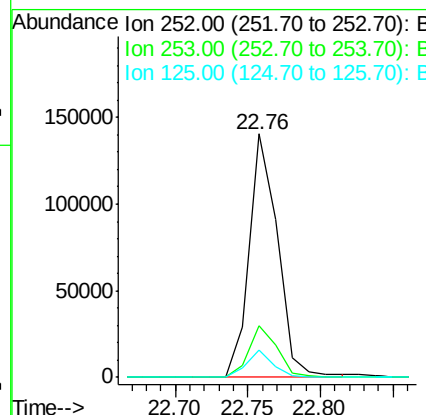
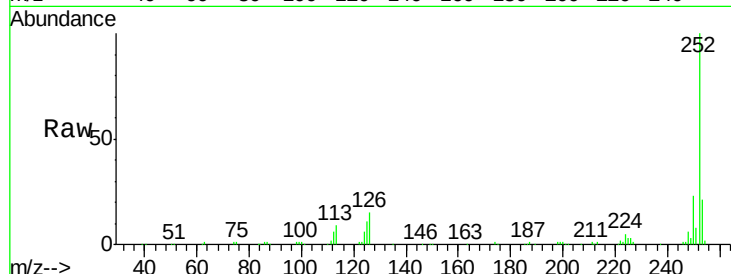
#89
Benzo(a)pyrene
Concen: 36.85 ng
RT: 22.76 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Instrument :
BNA_F
ClientSampleId :
PB81273BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	17.9	26.9
125	11.4	7.2	10.8

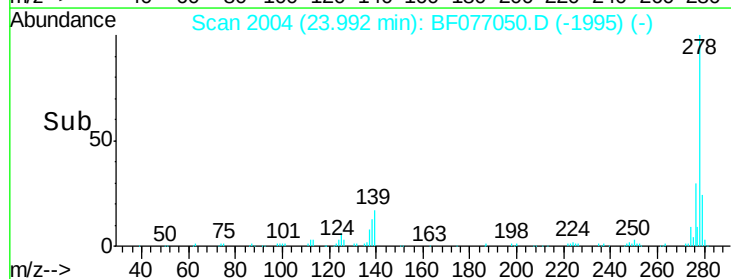
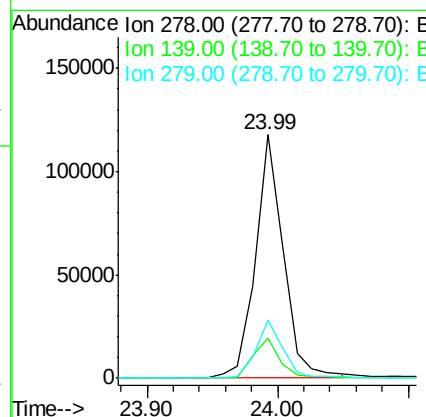
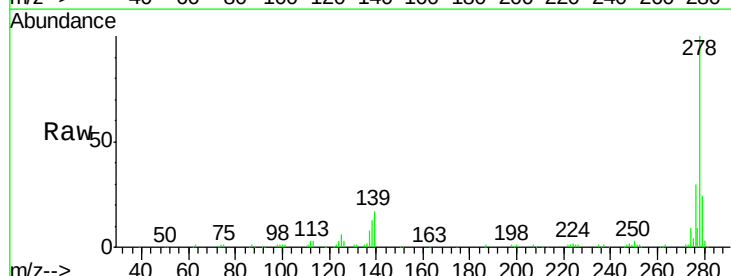
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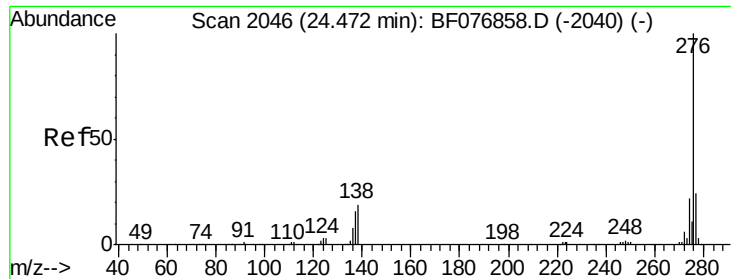
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#90
Dibenzo(a,h)anthracene
Concen: 37.18 ng
RT: 23.99 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF077050.D
Acq: 26 Jan 2015 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.6	10.5	15.7
279	24.1	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 36.38 ng
 RT: 24.24 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF077050.D
 Acq: 26 Jan 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BS

Tgt Ion:	276	Resp:	171834
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.5	29.3
138	24.4	15.0	22.6

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