

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078740.D
 Acq On : 23 Apr 2015 6:08
 Operator : TP/IZ
 Sample : G1938-14MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Manual Integrations
 APPROVED

apatel
 4/23/2015 2:15:38 PM

Quant Time: Apr 23 07:01:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	24097	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	97961	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	49167	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	101344	20.00	ng	0.00
75) Chrysene-d12	17.74	240	107277	20.00	ng	0.00
86) Perylene-d12	19.46	264	109204	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	193459	132.37	ng	0.00
7) Phenol-d6	5.29	99	241460	131.83	ng	0.00
23) Nitrobenzene-d5	6.73	82	140397	86.87	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	61401	150.58	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	296831	86.30	ng	0.00
78) Terphenyl-d14	16.40	244	349169	73.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.37	88	22801	34.50	ng	# 23
3) Pyridine	1.86	79	55256	31.92	ng	# 93
4) n-Nitrosodimethylamine	1.82	42	30143	45.23	ng	91
6) Aniline	5.28	93	62380	24.02	ng	93
8) 2-Chlorophenol	5.45	128	72958	42.22	ng	99
9) Benzaldehyde	5.10	77	8396	6.92	ng	95
10) Phenol	5.31	94	93238	42.48	ng	97
11) bis(2-Chloroethyl)ether	5.42	93	65782	41.68	ng	95
12) 1,3-Dichlorobenzene	5.68	146	75957	40.01	ng	99
13) 1,4-Dichlorobenzene	5.82	146	79374	41.54	ng	96
14) 1,2-Dichlorobenzene	6.04	146	73317	40.92	ng	100
15) Benzyl Alcohol	6.07	79	60178	46.75	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	86256	40.97	ng	85
17) 2-Methylphenol	6.30	107	57732	43.03	ng	95
18) Hexachloroethane	6.59	117	25943	40.26	ng	# 81
19) n-Nitroso-di-n-propylamine	6.52	70	51795	42.86	ng	97
20) 3+4-Methylphenols	6.57	107	76896	42.96	ng	93
22) Acetophenone	6.49	105	103931	45.53	ng	# 93
24) Nitrobenzene	6.76	77	73382	43.43	ng	93
25) Isophorone	7.19	82	134663	43.90	ng	95
26) 2-Nitrophenol	7.31	139	35680	44.32	ng	95
27) 2,4-Dimethylphenol	7.47	122	65047	43.45	ng	94
28) bis(2-Chloroethoxy)methane	7.63	93	83098	42.25	ng	98
29) 2,4-Dichlorophenol	7.76	162	61372	45.06	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	63479	40.65	ng	98
31) Naphthalene	7.99	128	213956	41.96	ng	99
32) Benzoic acid	7.67	122	8489	16.39	ng	93
33) 4-Chloroaniline	8.15	127	55466	26.22	ng	98
34) Hexachlorobutadiene	8.24	225	35556	41.47	ng	97
35) Caprolactam	8.76	113	17596	43.28	ng	93
36) 4-Chloro-3-methylphenol	9.11	107	62910	45.78	ng	88
37) 2-Methylnaphthalene	9.24	142	148150	42.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	63214	41.49	ng	99
40) Hexachlorocyclopentadiene	9.54	237	43321	67.24	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41916	43.63	nq	98
43) 2,4,5-Trichlorophenol	9.88	196	43637	43.47	nq	92
45) 1,1'-Biphenyl	10.12	154	169127	42.05	nq	97
46) 2-Chloronaphthalene	10.12	162	131743	41.63	nq	96
47) 2-Nitroaniline	10.36	65	39338	50.25	nq	96
48) Acenaphthylene	10.87	152	219678	42.99	nq	99
49) Dimethylphthalate	10.78	163	191930	51.96	nq #	97
50) 2,6-Dinitrotoluene	10.86	165	34963	46.01	nq #	37
51) Acenaphthene	11.19	154	126392	43.93	nq	99
52) 3-Nitroaniline	11.14	138	30997	35.87	nq	99
53) 2,4-Dinitrophenol	11.37	184	12374	51.64	nq	94
54) Dibenzofuran	11.52	168	197942	45.05	nq	99
55) 4-Nitrophenol	11.58	139	43466	68.71	nq	83
56) 2,4-Dinitrotoluene	11.60	165	49303	50.09	nq #	86
57) Fluorene	12.15	166	161458	45.33	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.79	232	31951	42.94	nq	94
59) Diethylphthalate	12.09	149	165069	46.35	nq	97
60) 4-Chlorophenyl-phenylether	12.22	204	72986	44.54	nq #	87
61) 4-Nitroaniline	12.26	138	34915	39.97	nq	91
62) Azobenzene	12.50	77	153136	47.11	nq	93
64) 4,6-Dinitro-2-methylphenol	12.34	198	16984	36.30	nq	87
65) n-Nitrosodiphenylamine	12.46	169	140705	40.14	nq	97
66) 4-Bromophenyl-phenylether	13.11	248	45422	42.32	nq	93
67) Hexachlorobenzene	13.15	284	46484	39.52	nq	100
68) Atrazine	13.52	200	53821	53.01	nq	94
69) Pentachlorophenol	13.57	266	32046	63.24	nq	99
70) Phenanthrene	13.91	178	243565	41.55	nq	99
71) Anthracene	14.00	178	240257	41.59	nq	99
72) Carbazole	14.33	167	241203	44.55	nq	99
73) Di-n-butylphthalate	15.03	149	279254	45.53	nq	99
74) Fluoranthene	15.81	202	267928	43.34	nq	93
76) Benzidine	16.07	184	145069	35.12	nq	98
77) Pyrene	16.11	202	281395	41.78	nq	98
79) Butylbenzylphthalate	17.11	149	123270	48.03	nq #	79
80) Benzo(a)anthracene	17.73	228	259386	40.64	nq	98
81) 3,3'-Dichlorobenzidine	17.74	252	79710	37.29	nq #	98
82) Chrysene	17.77	228	250138	41.71	nq	99
83) Bis(2-ethylhexyl)phthalate	17.87	149	181848	45.17	nq	99
84) Di-n-octyl phthalate	18.66	149	323621	48.96	nq #	100
85) Indeno(1,2,3-cd)pyrene	20.65	276	294652	43.30	nq #	87
87) Benzo(b)fluoranthene	19.03	252	286775	42.49	nq #	96
88) Benzo(k)fluoranthene	19.06	252	233825m	38.99	nq	
89) Benzo(a)pyrene	19.41	252	254477	43.20	nq	98
90) Dibenzo(a,h)anthracene	20.67	278	240854m	40.84	nq	
91) Benzo(g,h,i)perylene	20.97	276	244716m	41.39	nq	

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

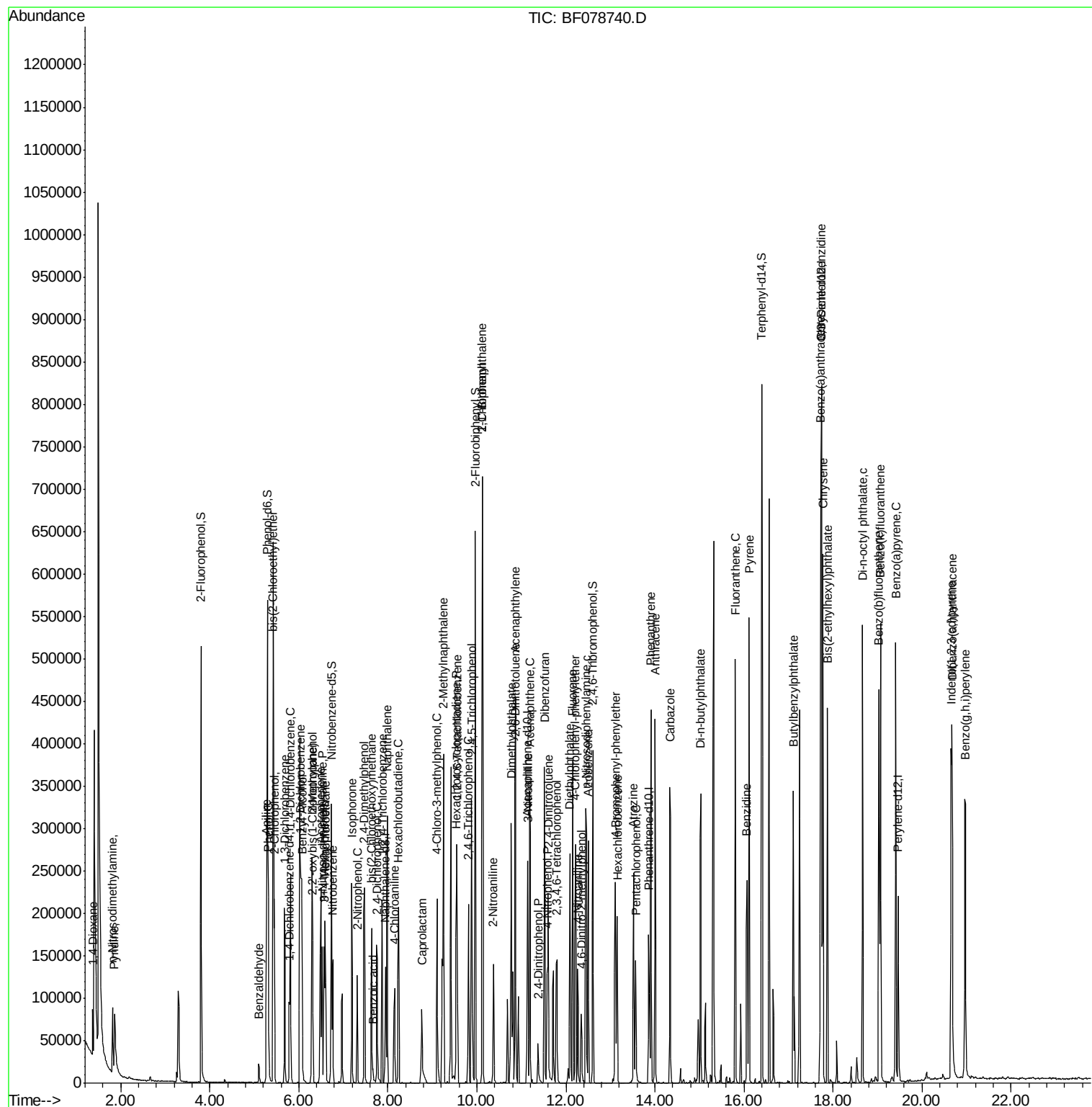
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
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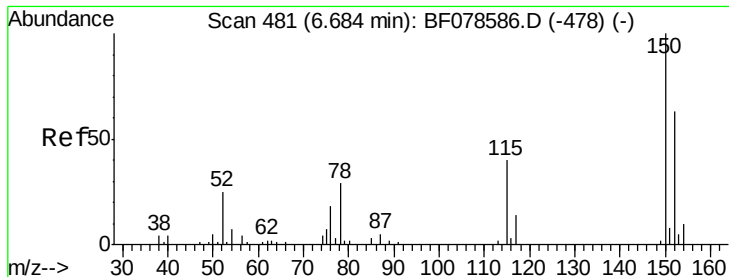
Instrument :
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ClientSampleId :
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#1

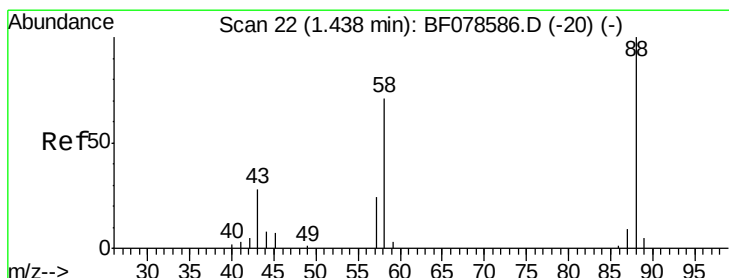
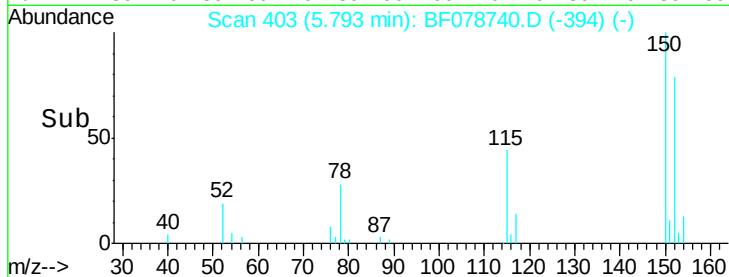
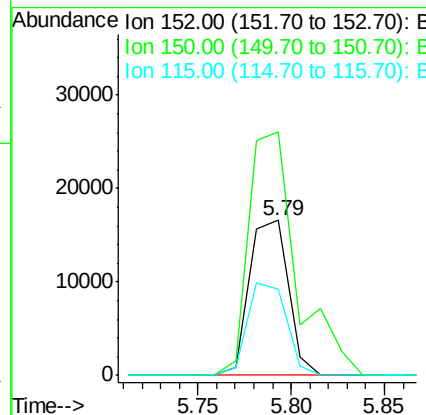
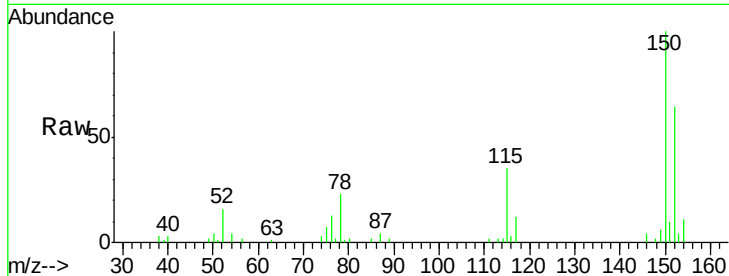
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	55.6	52.7	79.1

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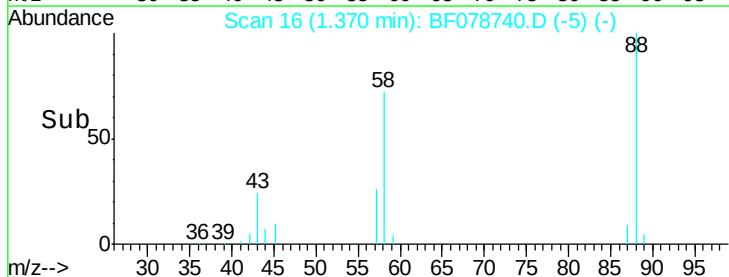
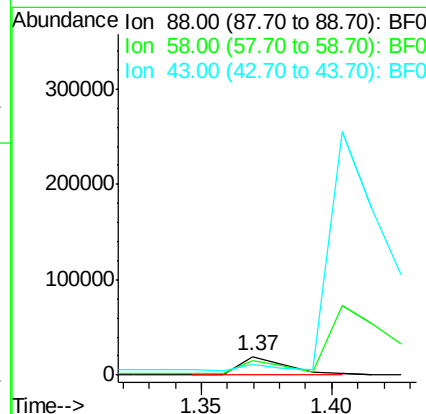
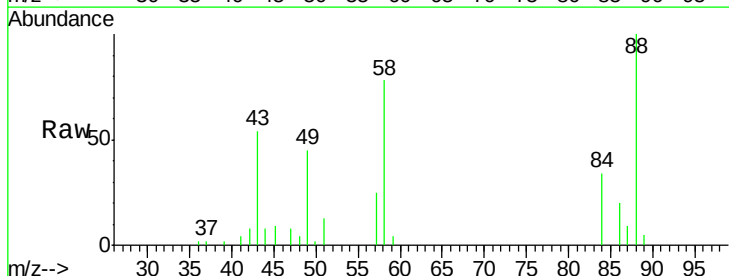
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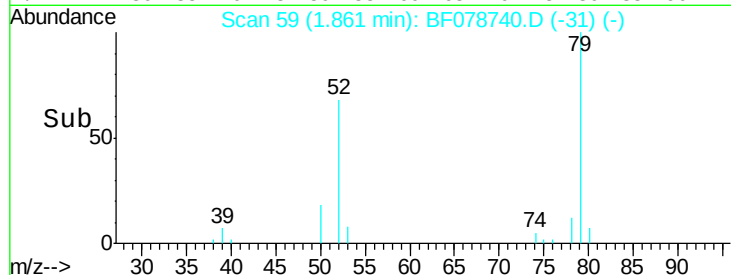
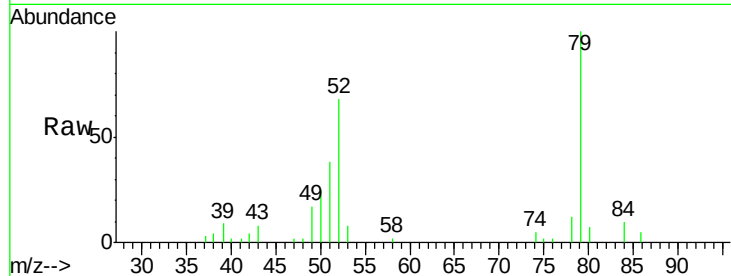
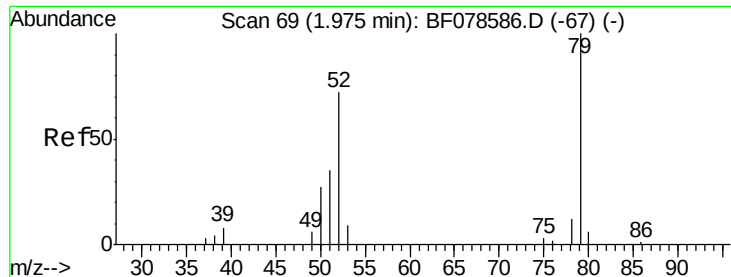


#2

1,4-Dioxane
Concen: 34.50 ng
RT: 1.37 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





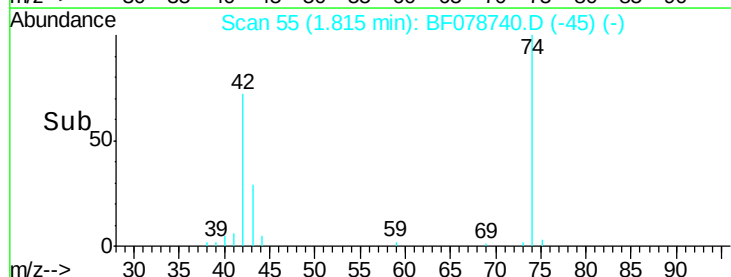
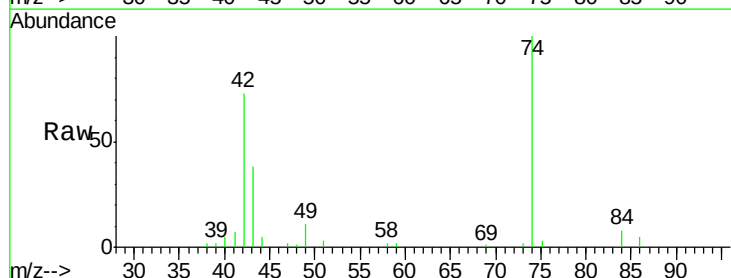
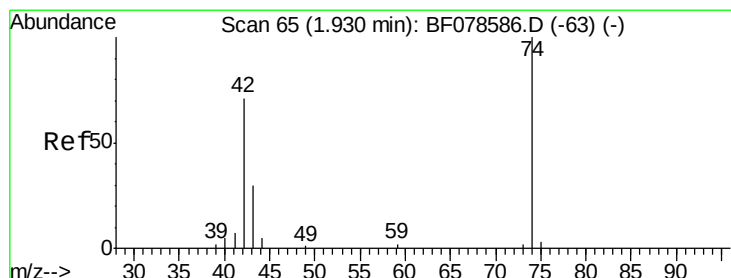
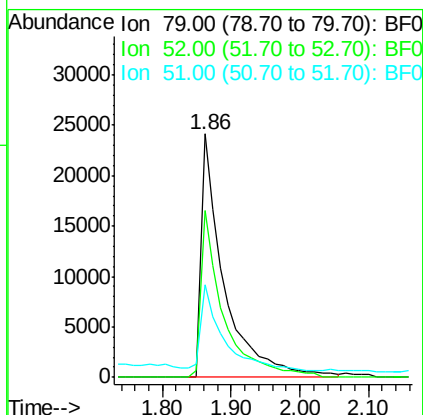
#3
Pvridine
Concen: 31.92 ng
RT: 1.86 min Scan# 59
Delta R.T. 0.02 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	52.4	78.6
51	38.2	24.9	37.3#

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

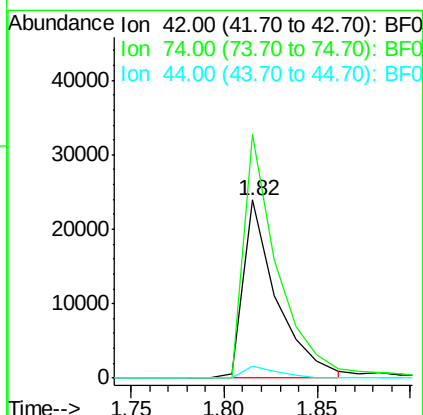
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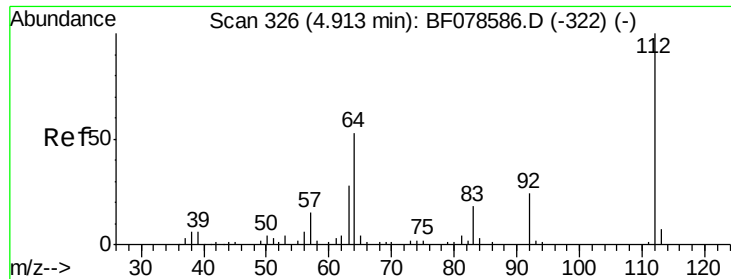
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#4
n-Nitrosodimethylamine
Concen: 45.23 ng
RT: 1.82 min Scan# 55
Delta R.T. 0.01 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.7	118.7	178.1
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 132.37 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

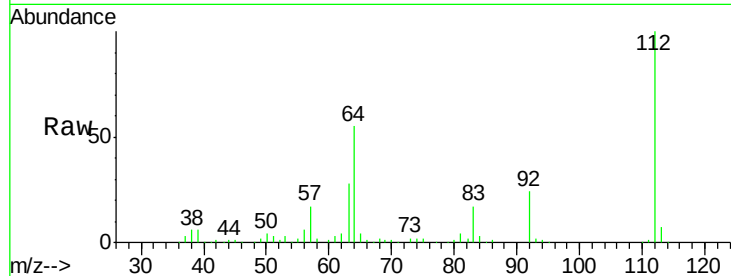
ClientSampleId :

SB-77DMSD

Tot Ion:	112	Resp:	193459
Ion Ratio	Lower	Upper	
112	100		
64	55.0	39.9	59.9
63	28.2	20.2	30.4

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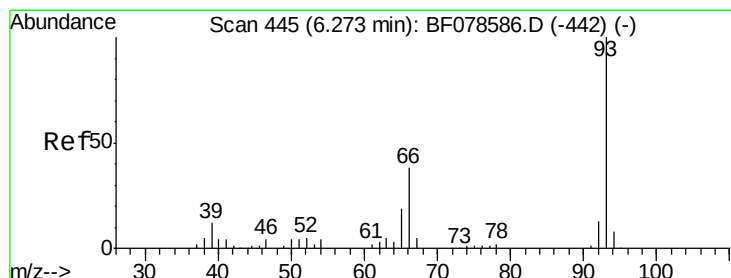
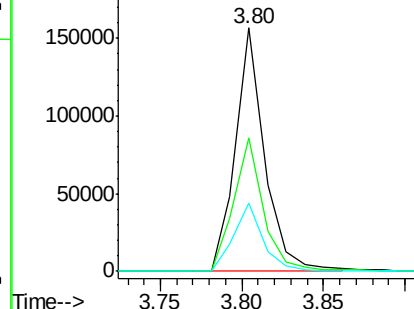
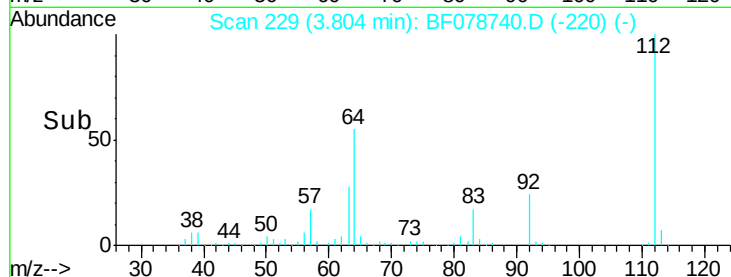
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.02 ng

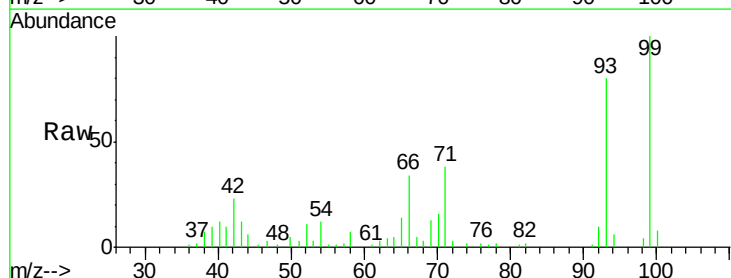
RT: 5.28 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

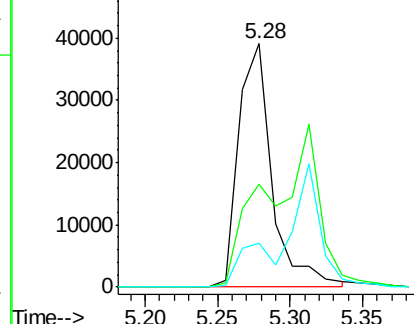
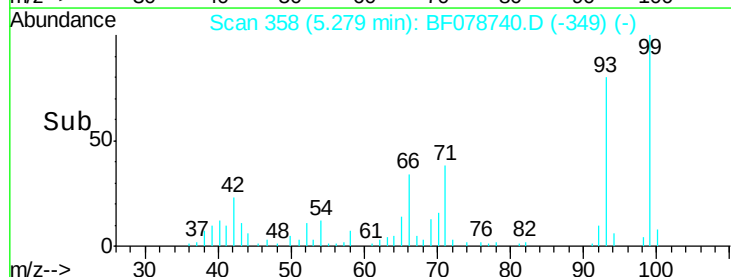
Tgt Ion:	93	Resp:	62380
Ion Ratio	Lower	Upper	
93	100		
66	42.5	38.0	57.0
65	17.9	16.3	24.5

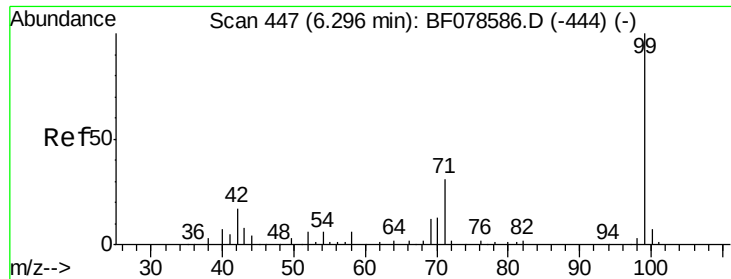


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.83 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

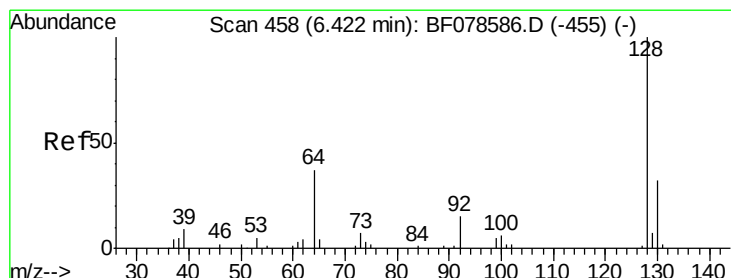
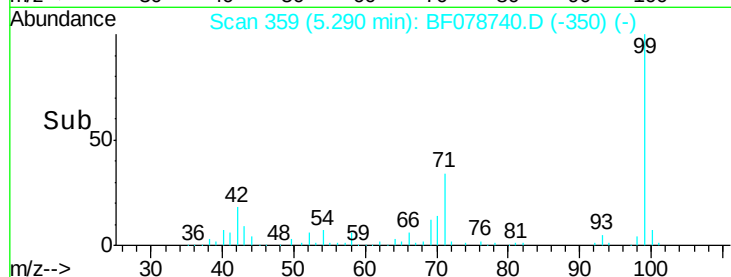
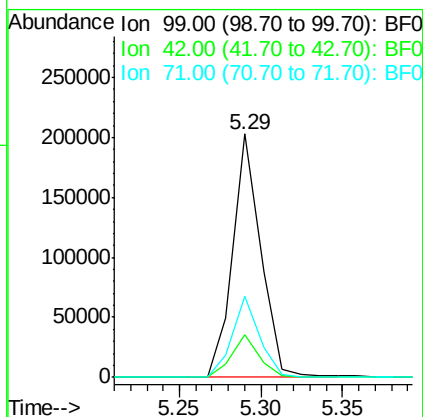
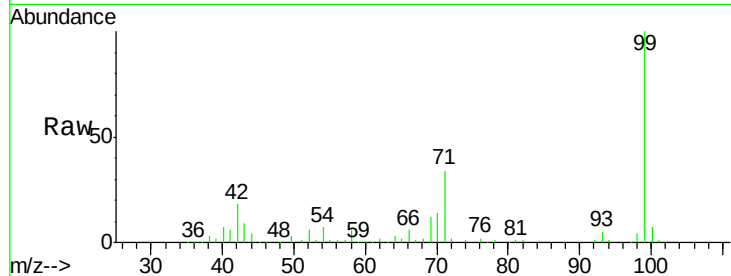
ClientSampled :

SB-77DMSD

Tot Ion:	99	Resp:	241460
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.8	22.2
71	33.5	26.6	39.8

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#8

2-Chlorophenol

Concen: 42.22 ng

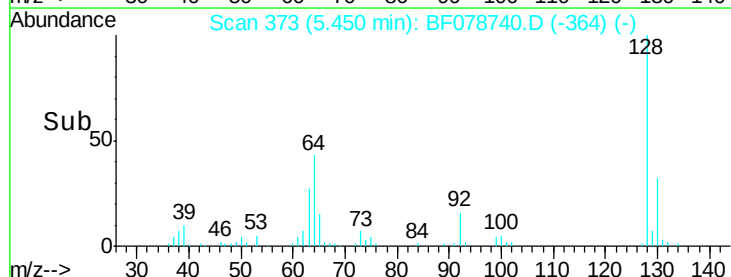
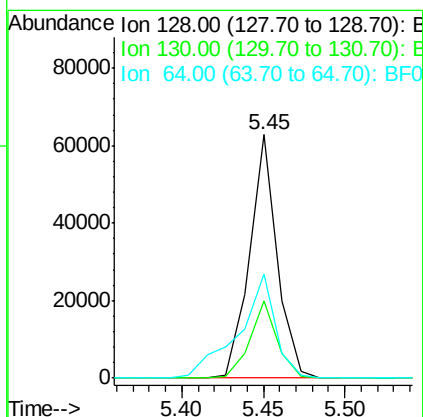
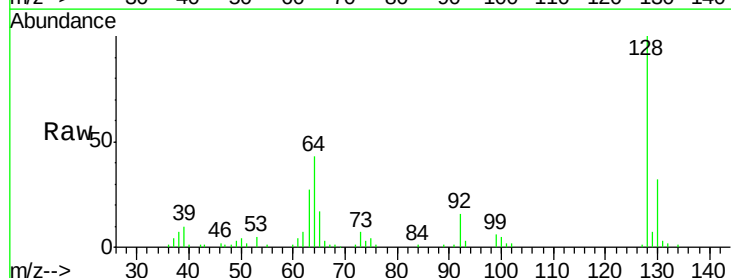
RT: 5.45 min Scan# 373

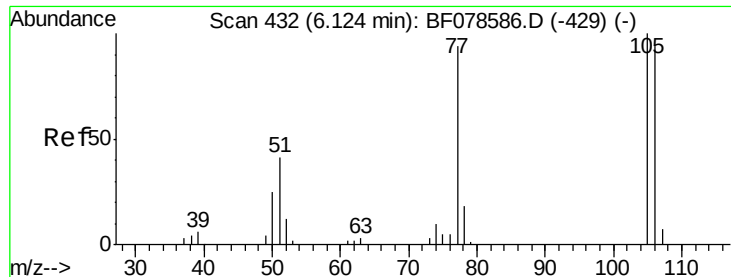
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	128	Resp:	72958
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	42.8	23.8	63.8





#9

Benzaldehyde

Concen: 6.92 ng

RT: 5.10 min Scan# 342

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

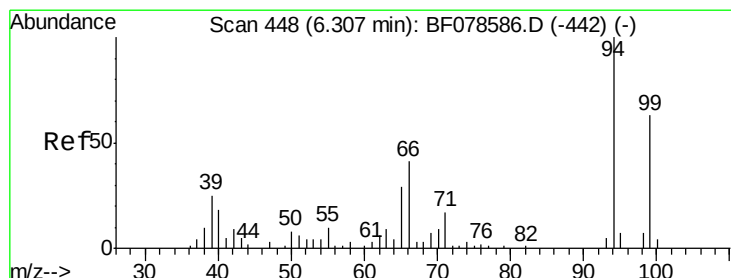
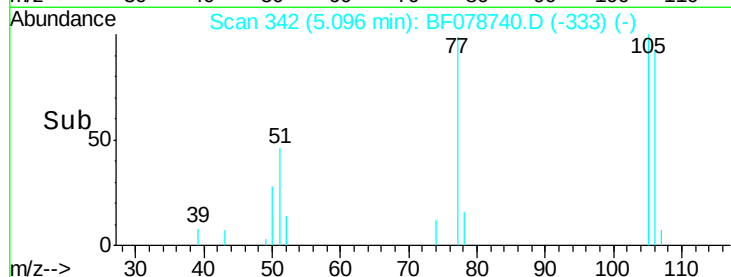
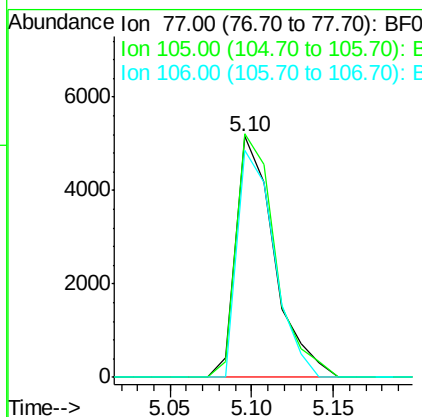
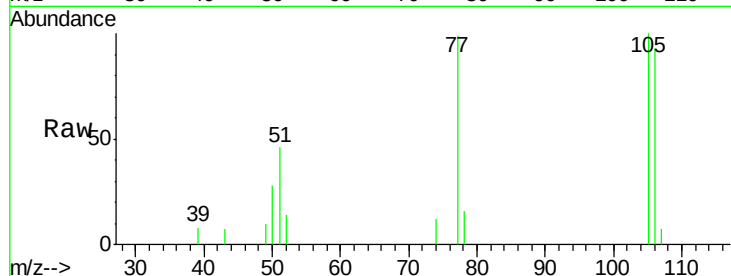
ClientSampled :

SB-77DMSD

Tot Ion:	77	Resp:	8396
Ion	Ratio	Lower	Upper
77	100		
105	101.0	85.4	125.4
106	94.0	80.8	120.8

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#10

Phenol

Concen: 42.48 ng

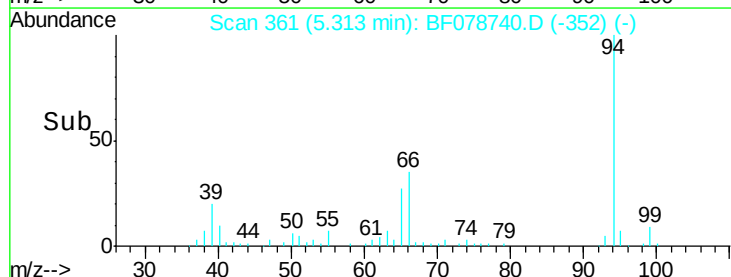
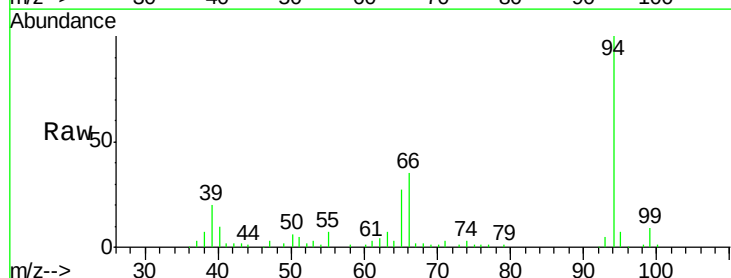
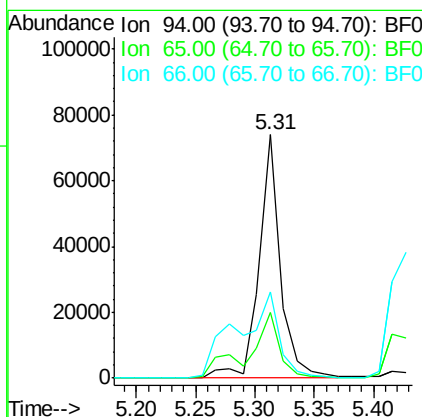
RT: 5.31 min Scan# 361

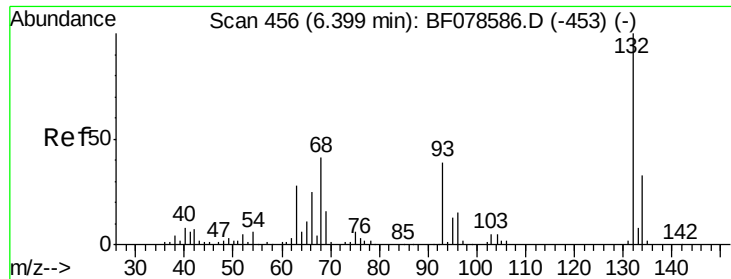
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	94	Resp:	93238
Ion	Ratio	Lower	Upper
94	100		
65	26.8	4.9	44.9
66	35.4	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 41.68 ng

RT: 5.42 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

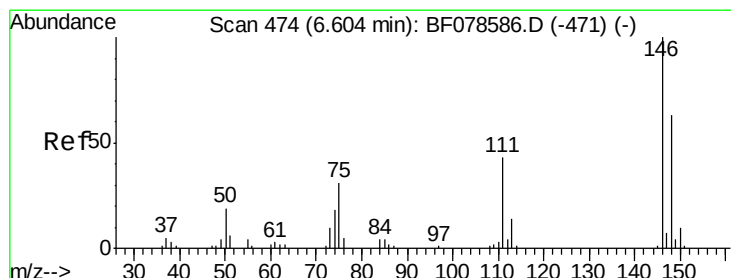
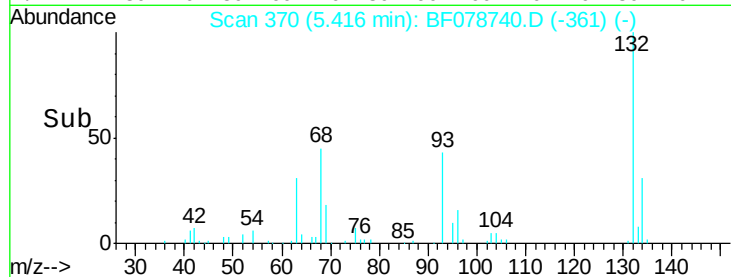
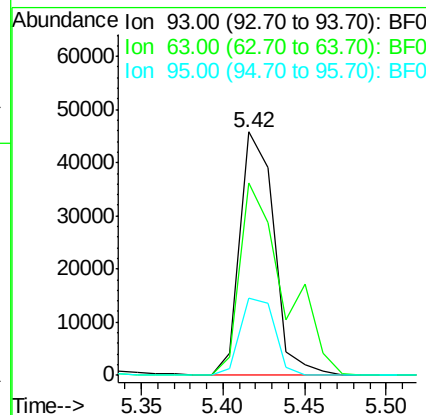
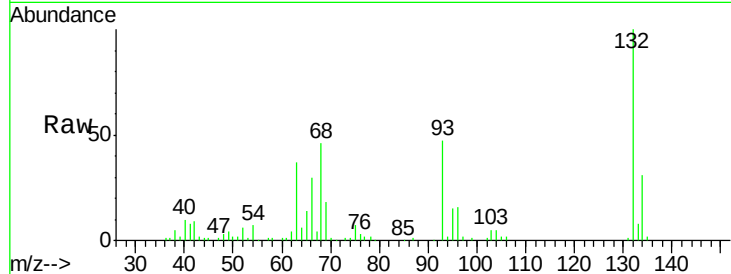
ClientSampleId :

SB-77DMSD

Tot Ion:	93	Resp:	65782
Ion Ratio	Lower	Upper	
93	100		
63	79.2	54.6	94.6
95	31.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 40.01 ng

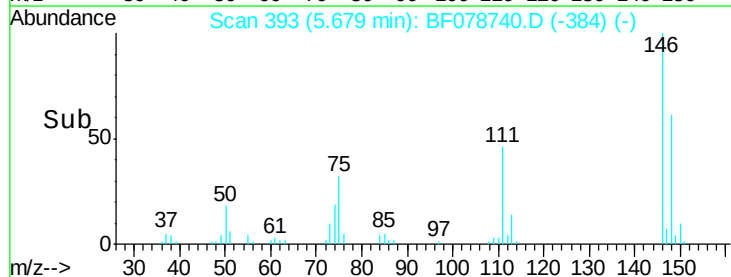
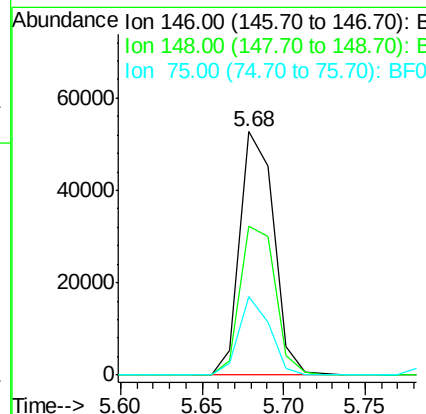
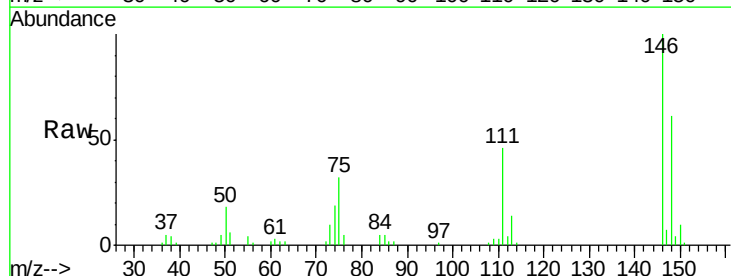
RT: 5.68 min Scan# 393

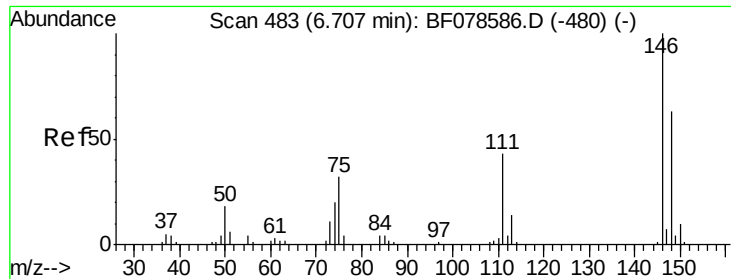
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	146	Resp:	75957
Ion Ratio	Lower	Upper	
146	100		
148	61.2	49.1	73.7
75	32.4	26.6	40.0





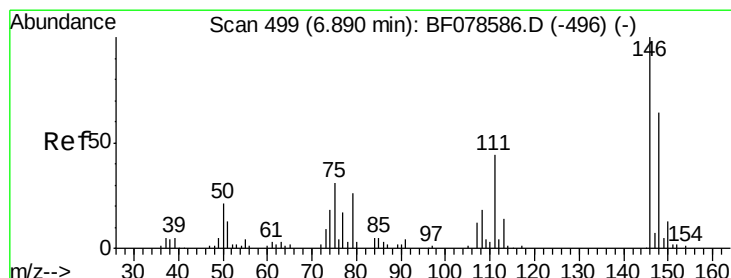
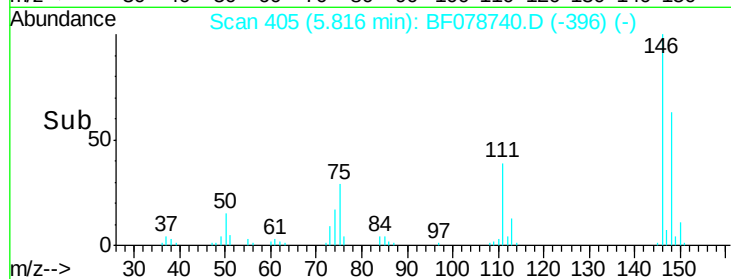
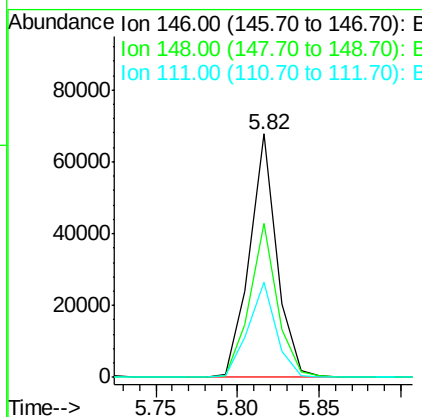
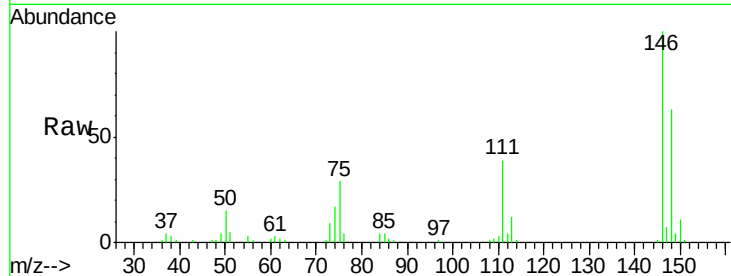
#13
 1,4-Dichlorobenzene
 Concen: 41.54 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampled :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	39.0	35.0	52.4

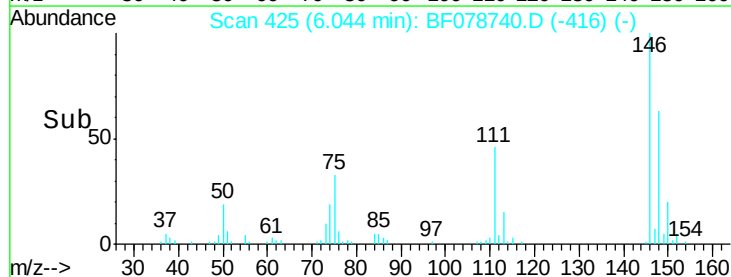
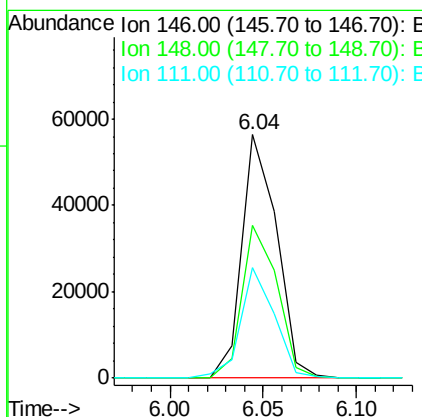
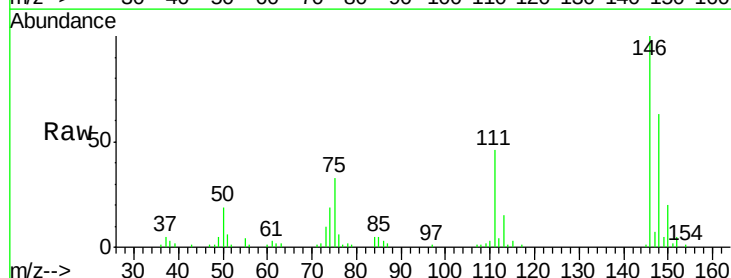
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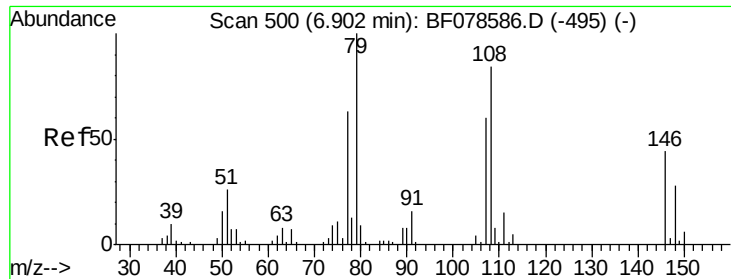
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#14
 1,2-Dichlorobenzene
 Concen: 40.92 ng
 RT: 6.04 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.4
111	45.6	36.1	54.1





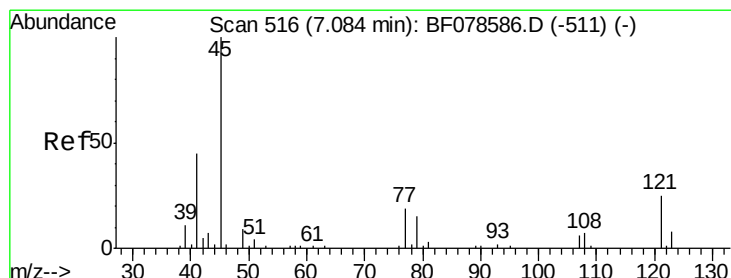
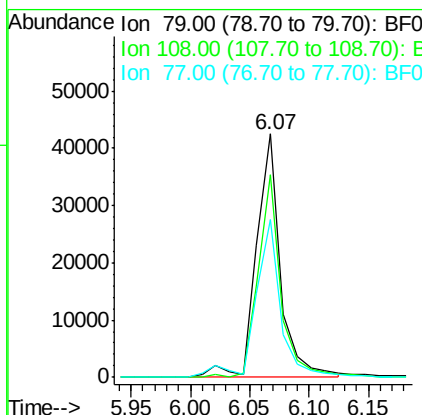
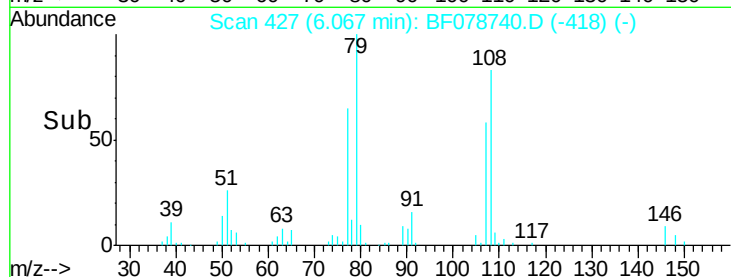
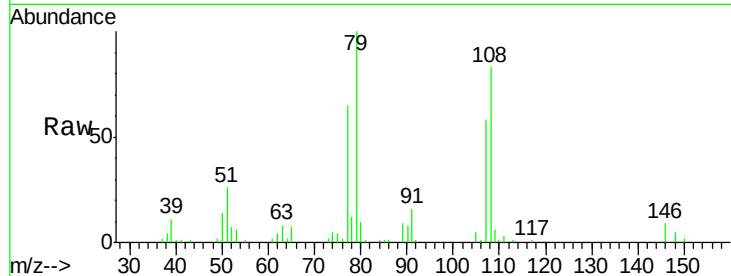
#15
Benzyl Alcohol
Concen: 46.75 ng
RT: 6.07 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	57.6	86.4
77	64.9	53.5	80.3

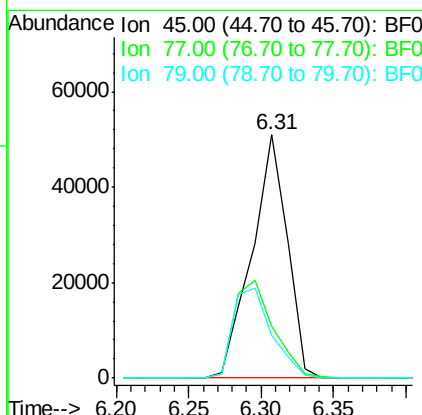
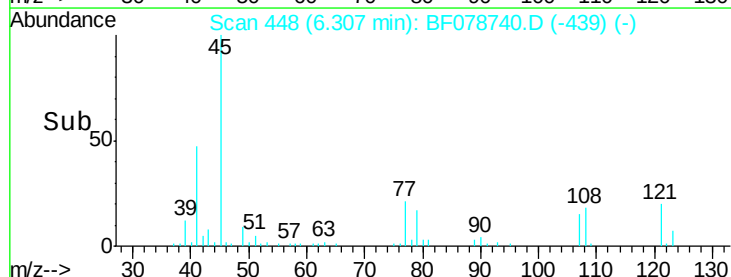
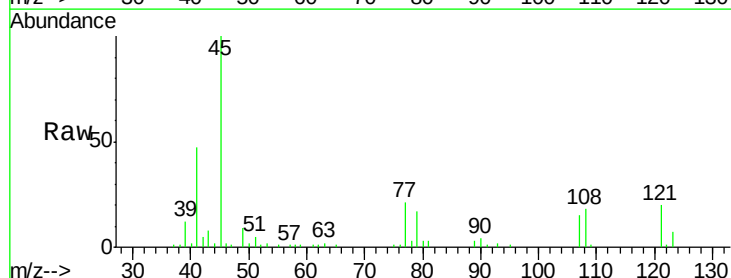
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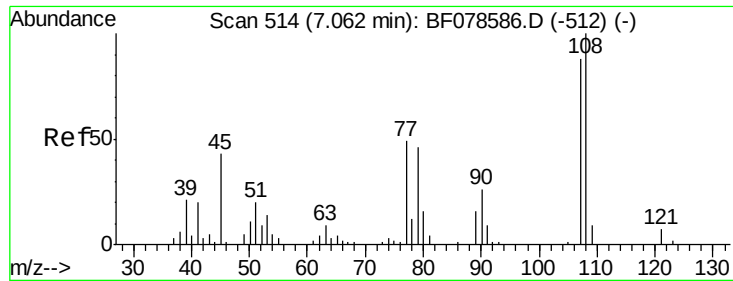
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.97 ng
RT: 6.31 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	34.5
79	17.3	0.0	31.9





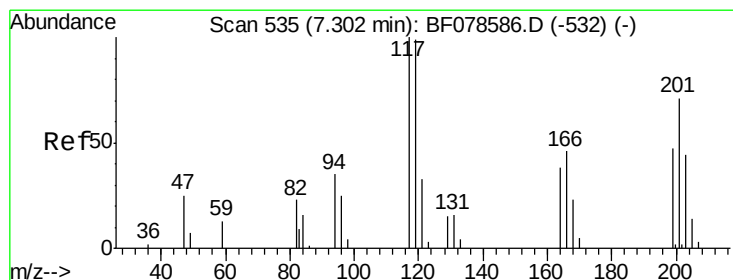
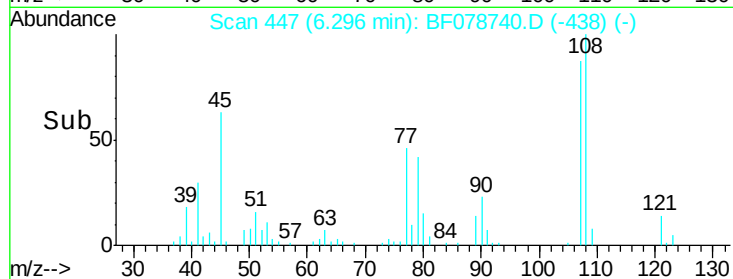
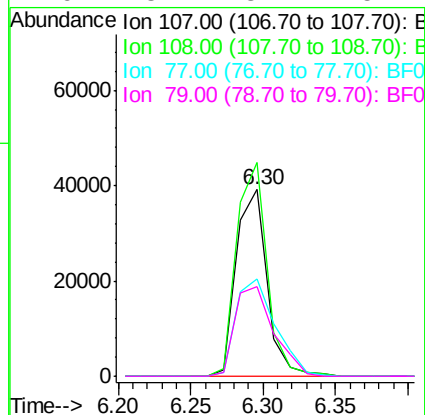
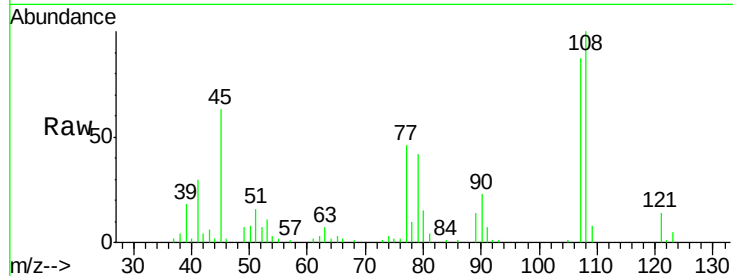
#17
2-Methylphenol
Concen: 43.03 ng
RT: 6.30 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	90.3	135.5	
77	52.3	35.5	53.3	
79	48.4	34.2	51.4	

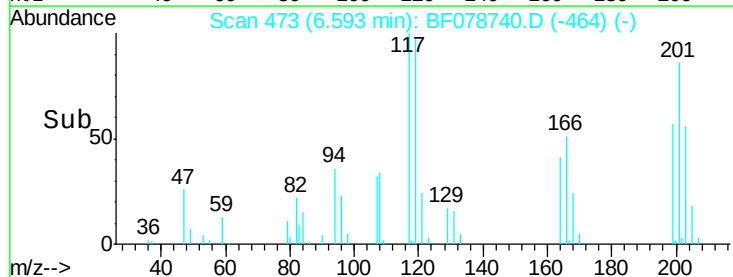
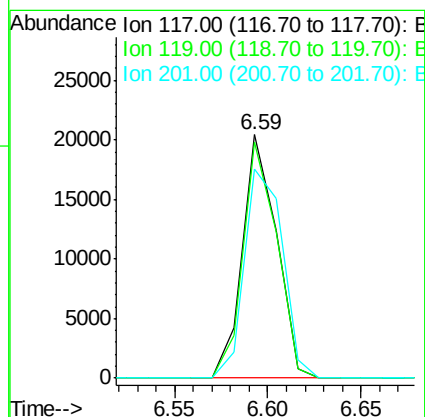
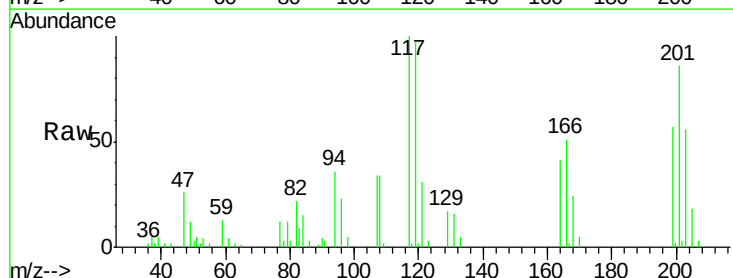
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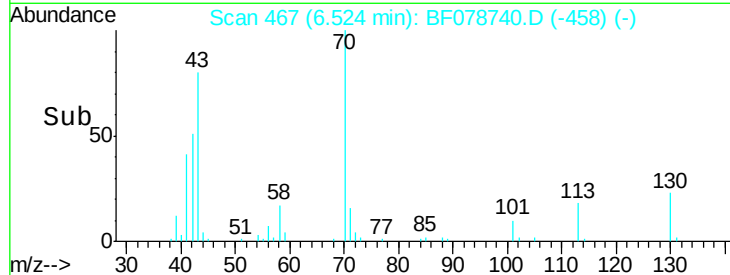
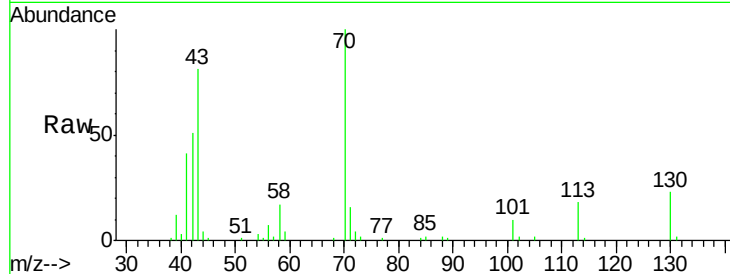
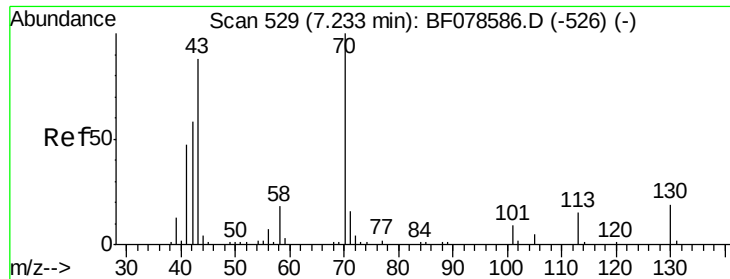
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#18
Hexachloroethane
Concen: 40.26 ng
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.0	115.6	
201	85.8	98.1	147.1#	





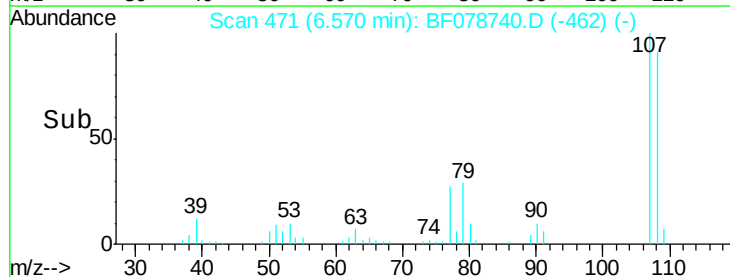
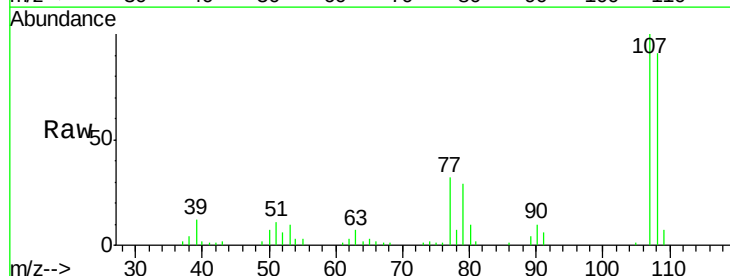
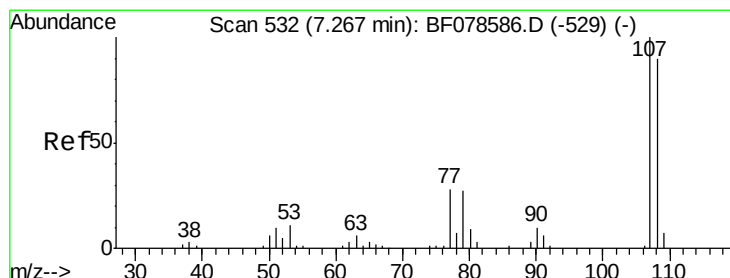
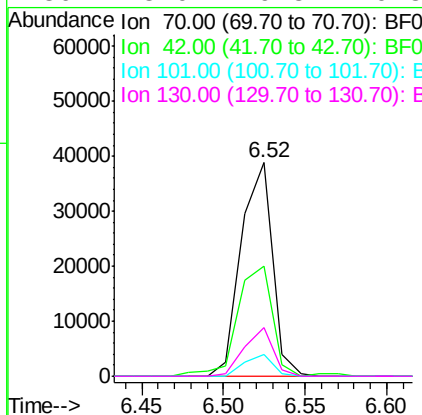
#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 6.52 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Manual Integrations
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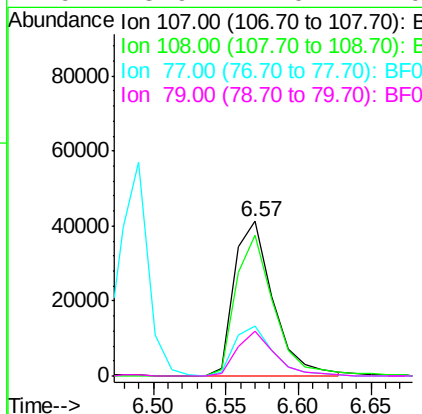
apatel
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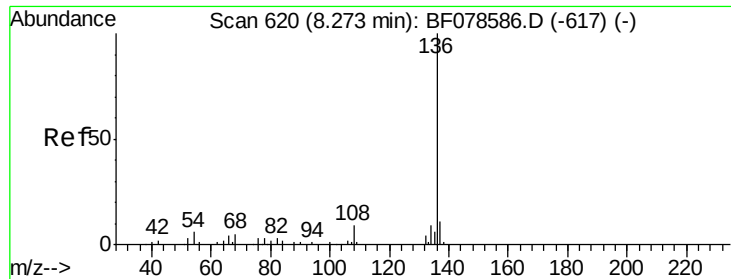
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	38.9	58.3	
101	10.4	8.3	12.5	
130	23.0	19.8	29.8	



#20
3+4-Methylphenols
Concen: 42.96 ng
RT: 6.57 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	64.4	104.4	
77	32.0	9.7	49.7	
79	28.9	4.0	44.0	





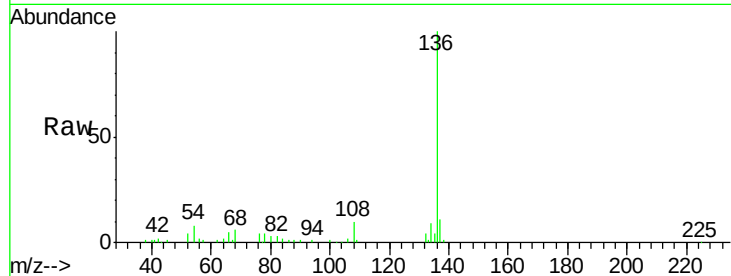
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	97961		
137	11.1		9.0	13.4
54	7.7		7.0	10.6
68	6.5		5.4	8.2

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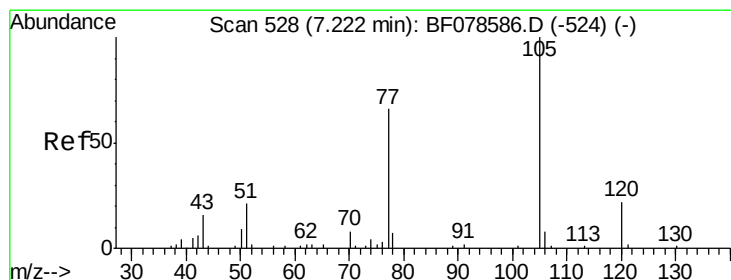
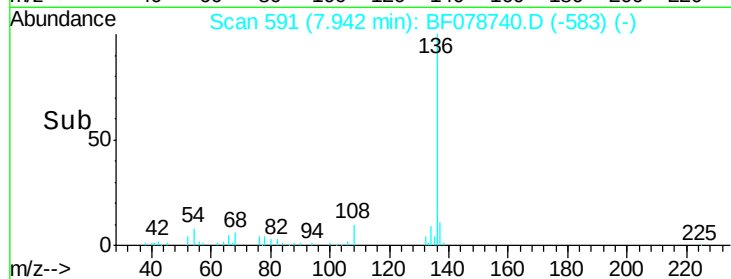
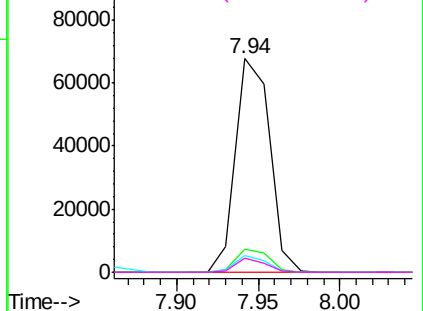
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 45.53 ng
RT: 6.49 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	103931		
71	0.0		5.5	8.3#
51	23.5		16.0	24.0
120	21.1		17.8	26.6

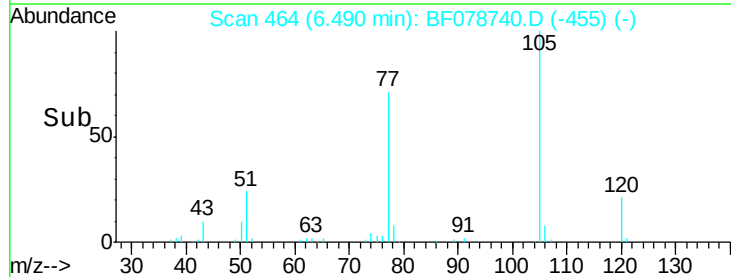
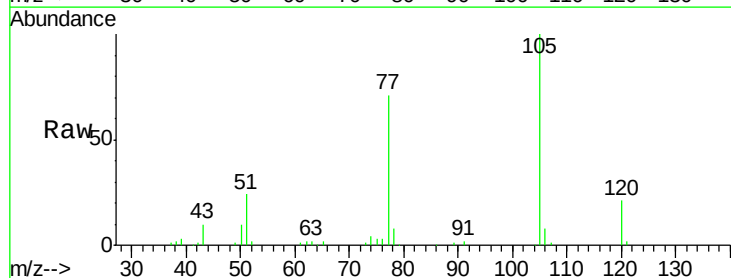
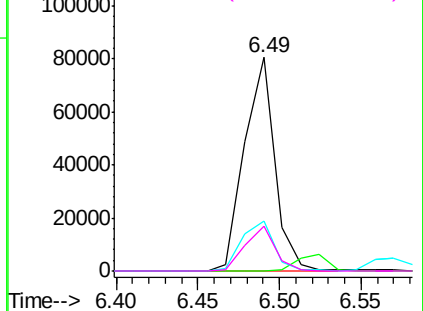
Abundance

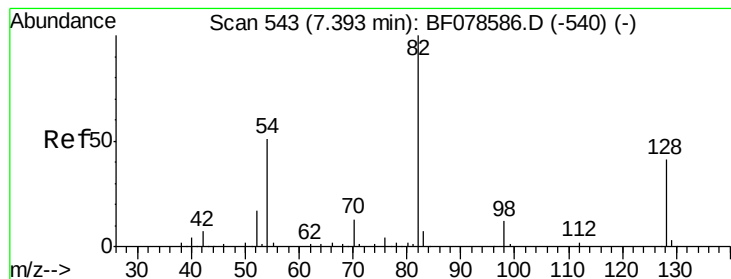
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 86.87 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

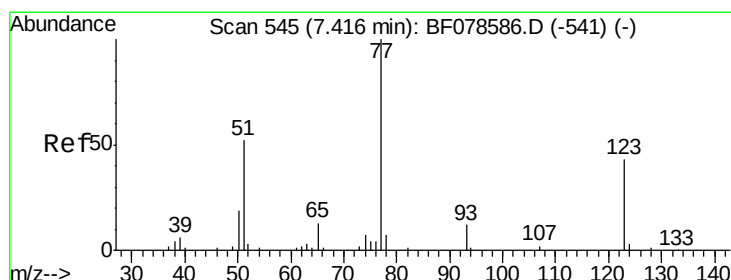
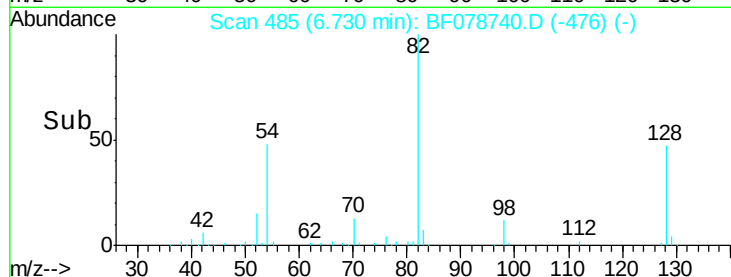
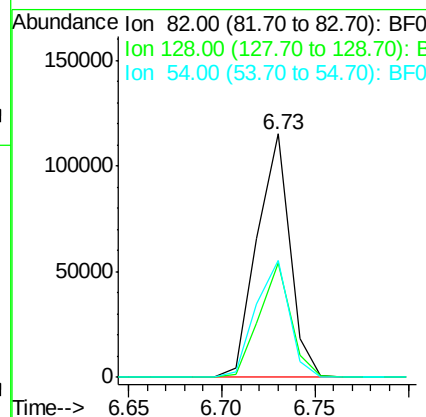
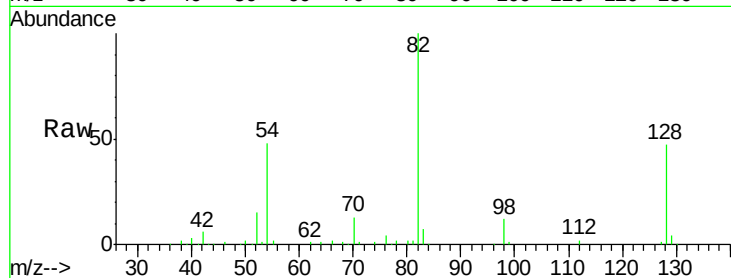
ClientSampleId :

SB-77DMSD

Tot Ion:	82	Resp:	140397
Ion Ratio		Lower	Upper
82	100		
128	47.2	31.8	47.8
54	47.9	41.5	62.3

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#24

Nitrobenzene

Concen: 43.43 ng

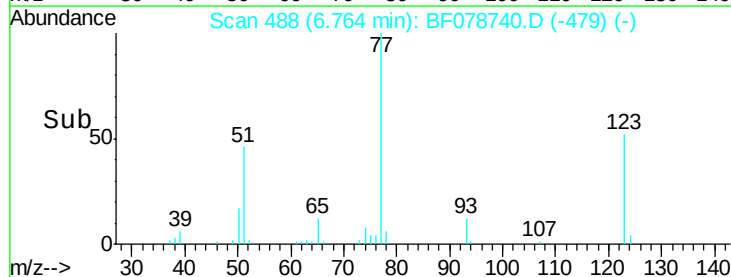
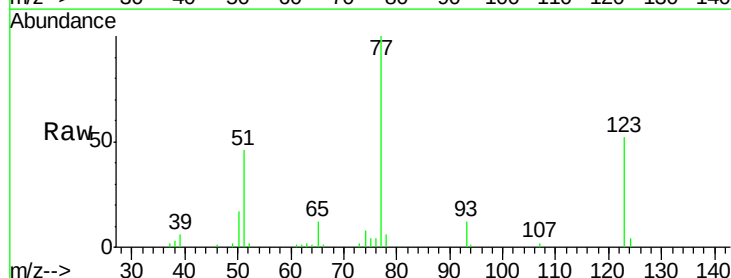
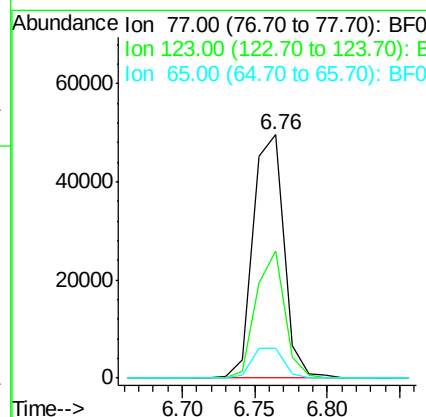
RT: 6.76 min Scan# 488

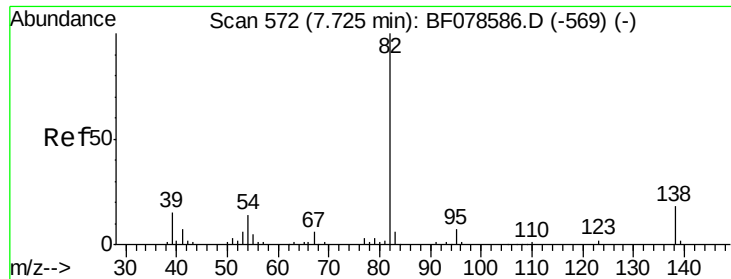
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	77	Resp:	73382
Ion Ratio		Lower	Upper
77	100		
123	52.4	46.9	70.3
65	12.2	9.5	14.3





#25

Isophorone

Concen: 43.90 ng

RT: 7.19 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

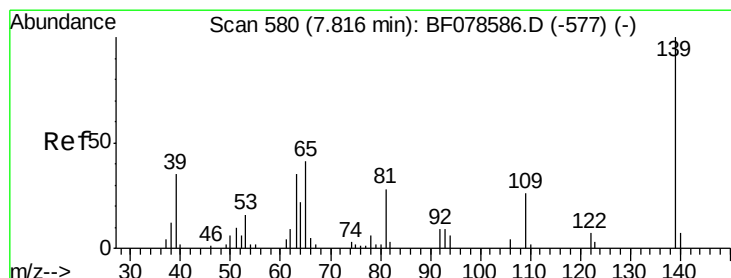
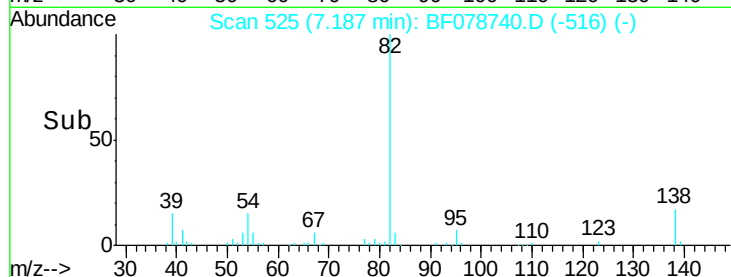
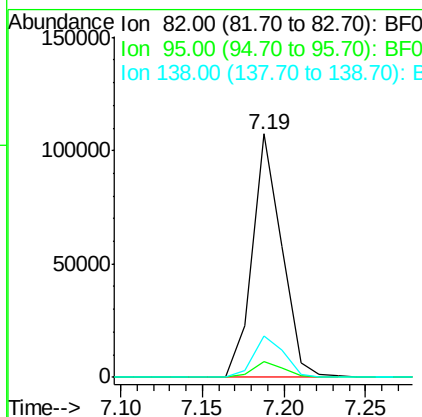
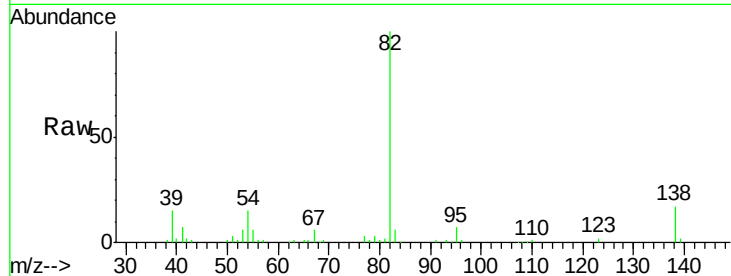
ClientSampleId :

SB-77DMSD

Tot Ion:	82	Resp:	134663
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	16.8	15.8	23.8

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#26

2-Nitrophenol

Concen: 44.32 ng

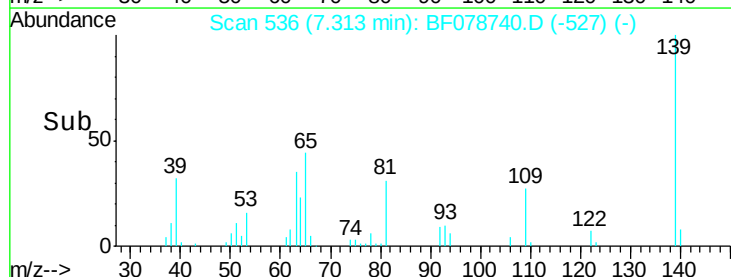
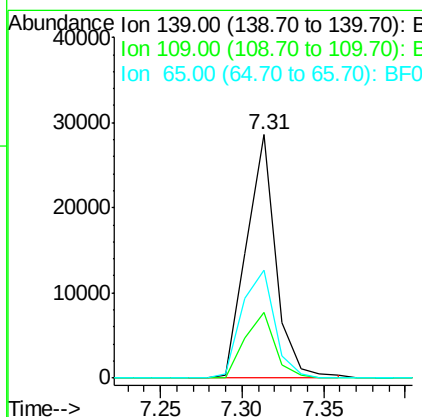
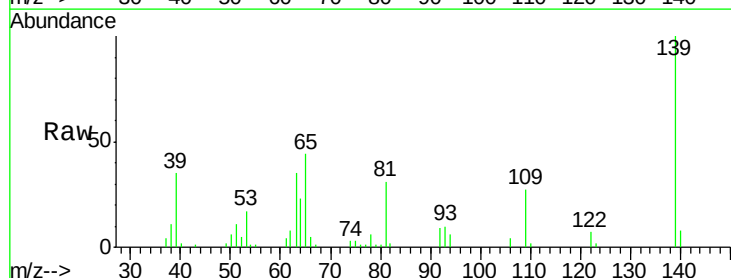
RT: 7.31 min Scan# 536

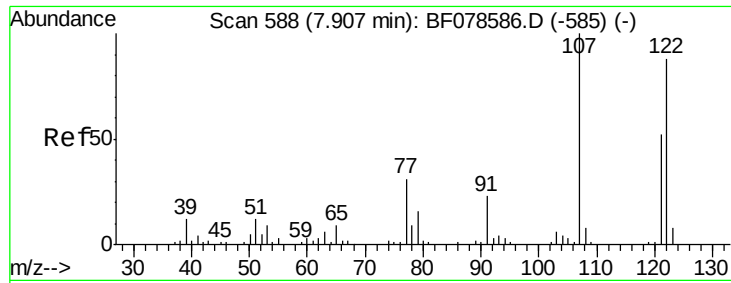
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	139	Resp:	35680
Ion Ratio	Lower	Upper	
139	100		
109	26.8	19.8	29.8
65	44.4	32.7	49.1





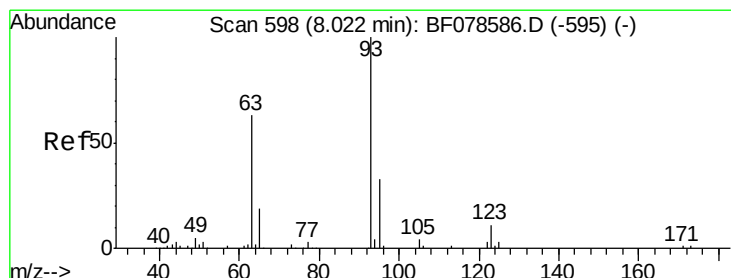
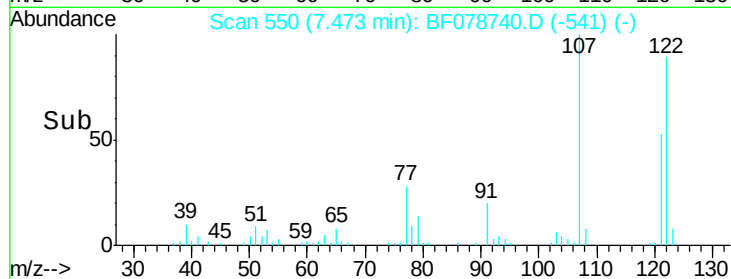
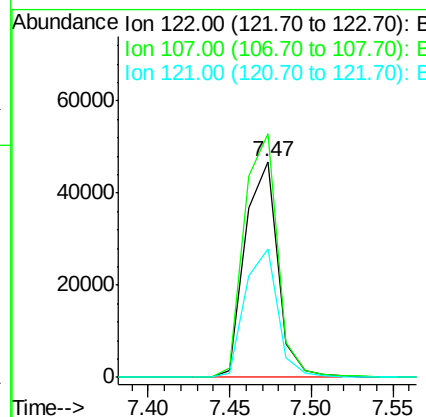
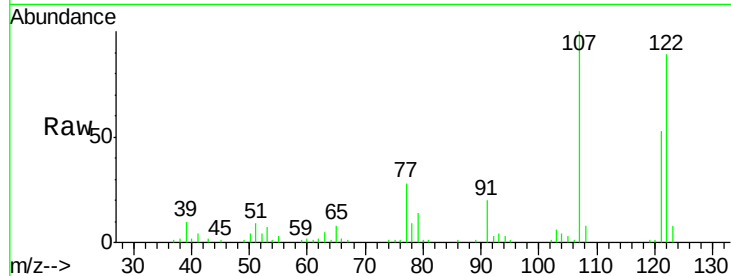
#27
 2,4-Dimethylphenol
 Concen: 43.45 ng
 RT: 7.47 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		65047		
107	113.0	84.6	127.0		
121	59.8	46.0	69.0		

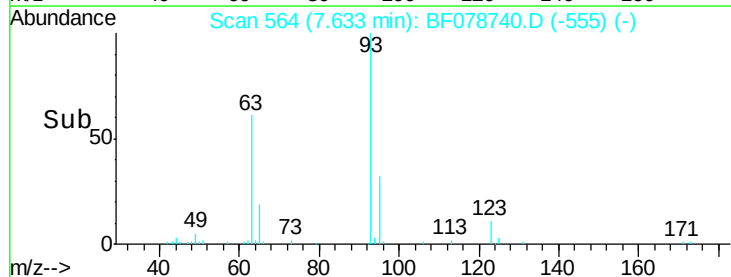
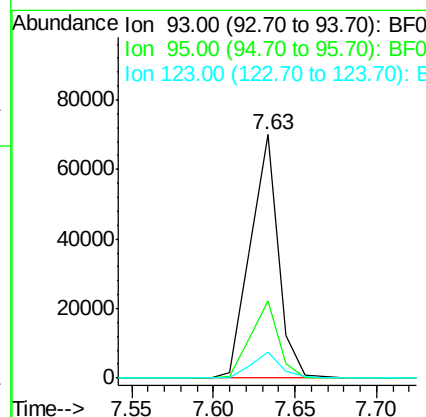
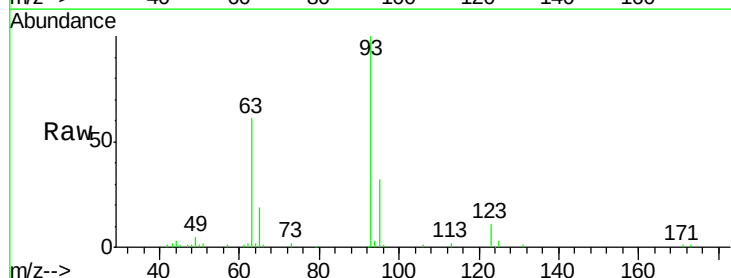
Manual Integrations
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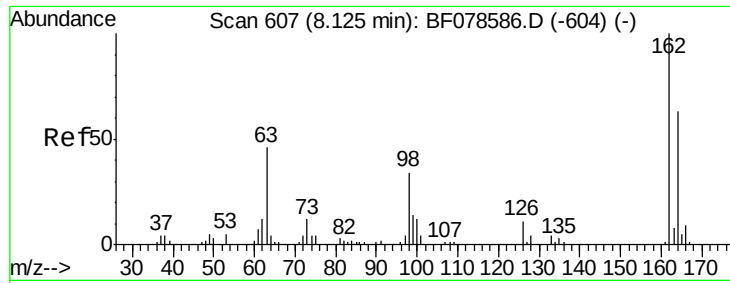
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.25 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		83098		
95	31.6	26.3	39.5		
123	10.8	9.1	13.7		





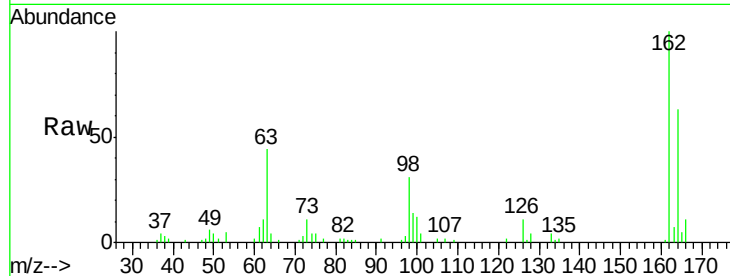
#29
 2,4-Dichlorophenol
 Concen: 45.06 ng
 RT: 7.76 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

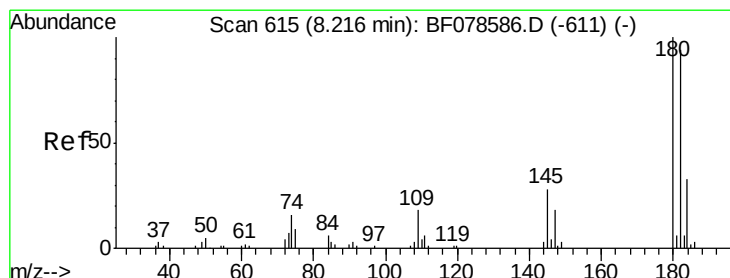
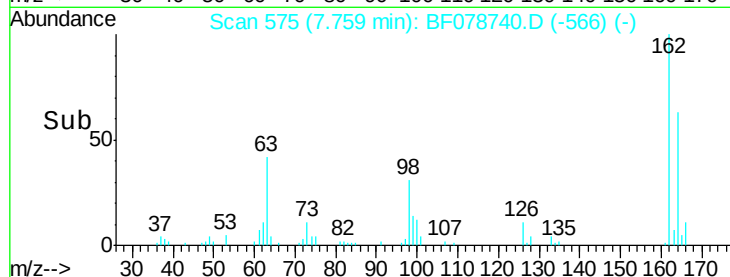
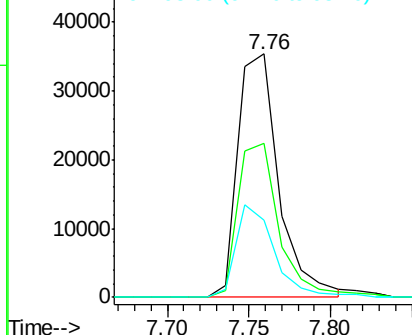
Tot Ion	Ratio	Resp	Lower	Upper
162	100	61372		
164	63.4	47.0	87.0	
98	31.5	9.2	49.2	

Manual Integrations
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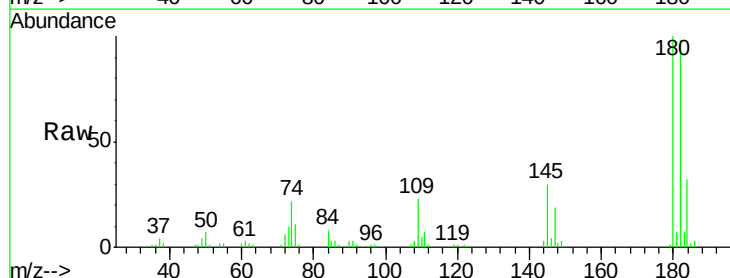


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

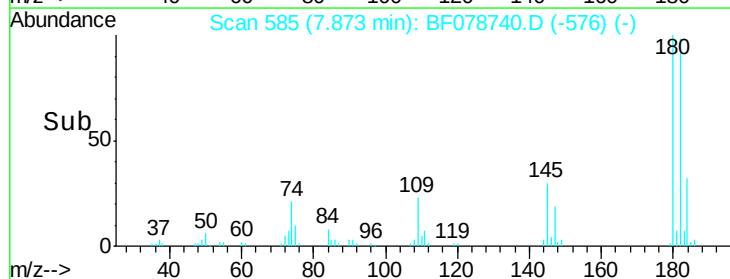
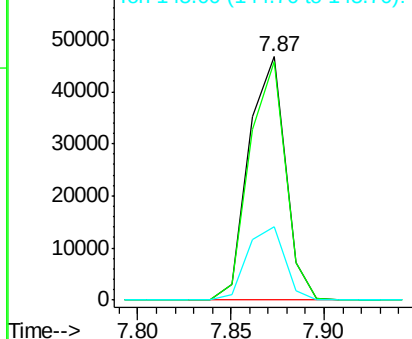


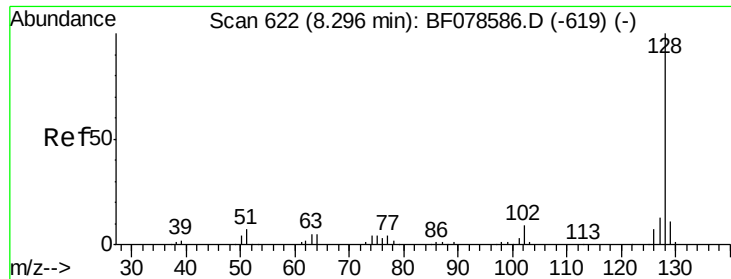
#30
 1,2,4-Trichlorobenzene
 Concen: 40.65 ng
 RT: 7.87 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63479		
182	97.9	76.9	115.3	
145	29.9	22.5	33.7	



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





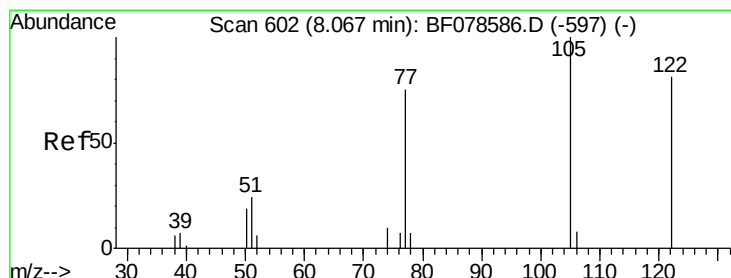
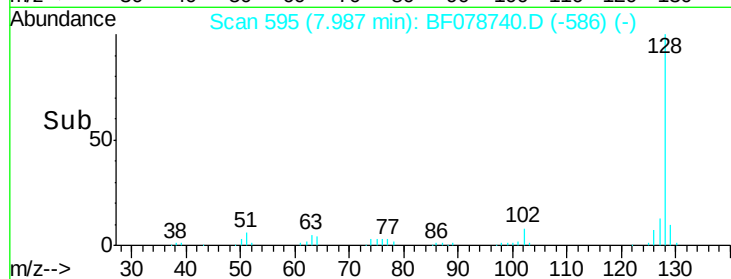
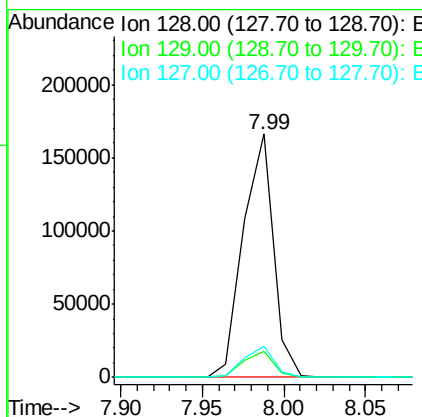
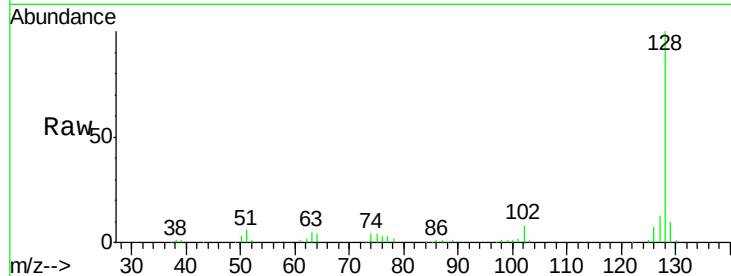
#31
Naphthalene
Concen: 41.96 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	213956		
129	10.5	8.6	12.8	
127	12.8	10.7	16.1	

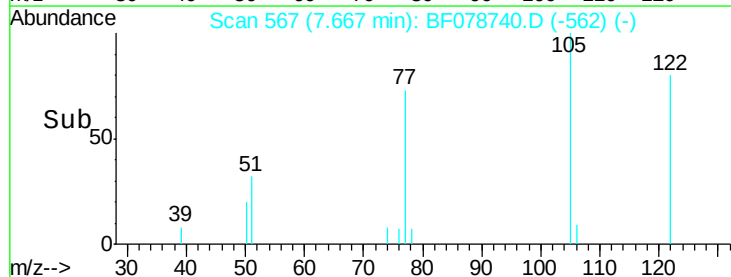
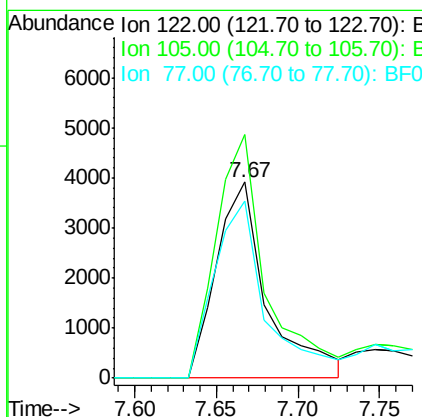
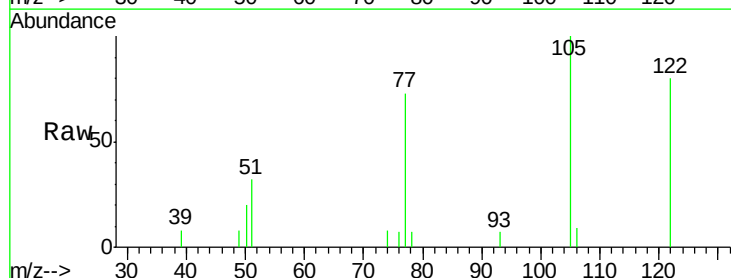
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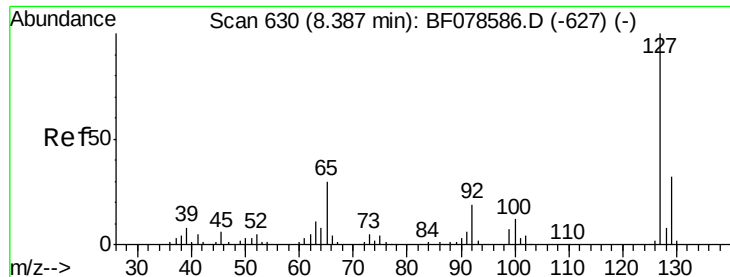
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#32
Benzoic acid
Concen: 16.39 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.05 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8489		
105	124.3	96.1	136.1	
77	90.2	64.1	104.1	





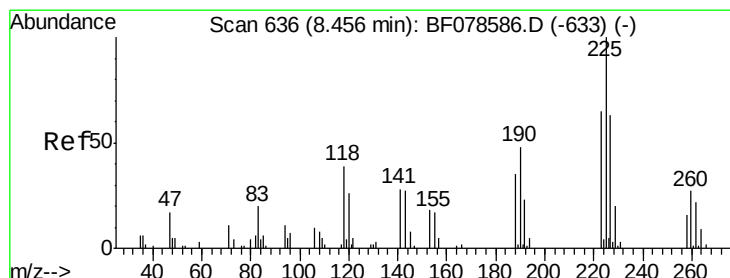
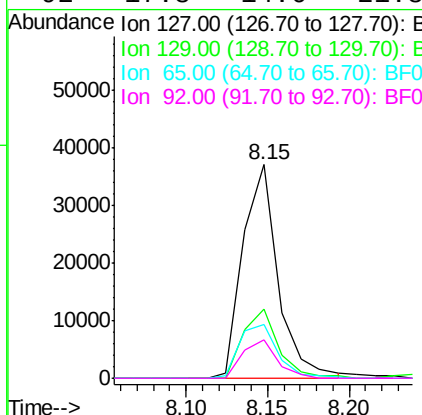
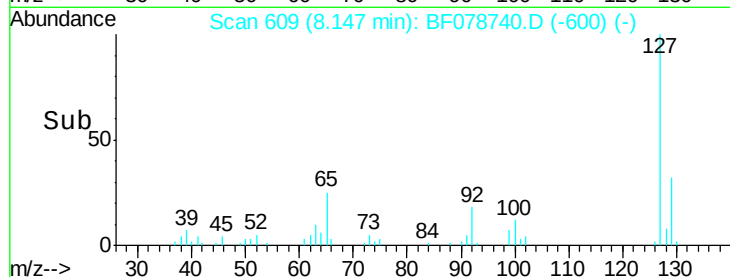
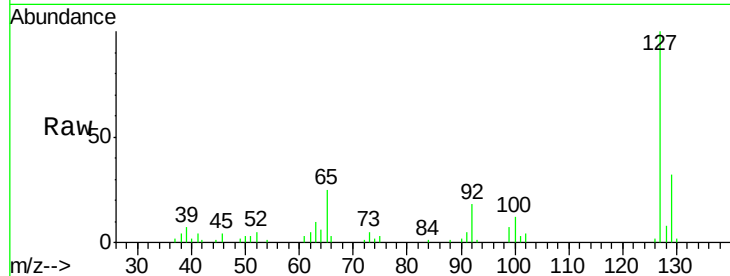
#33
4-Chloroaniline
Concen: 26.22 ng
RT: 8.15 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.5	38.3		
65	25.1	21.7	32.5		
92	17.8	14.6	21.8		

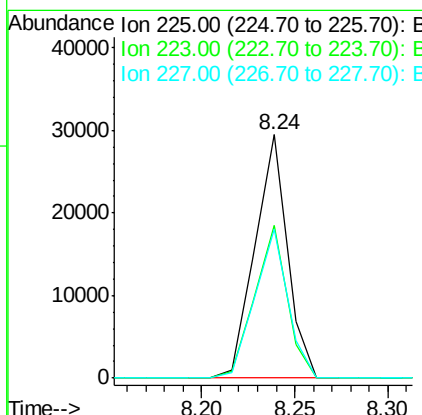
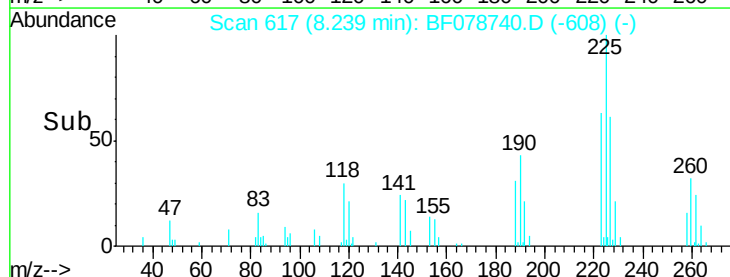
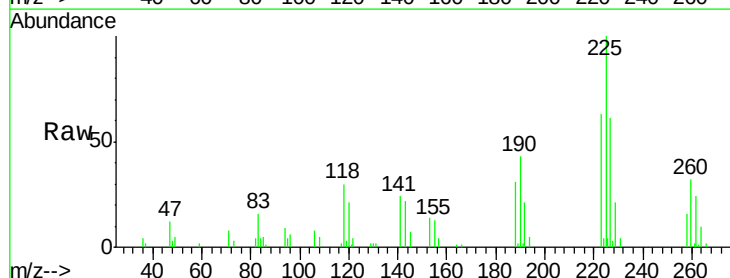
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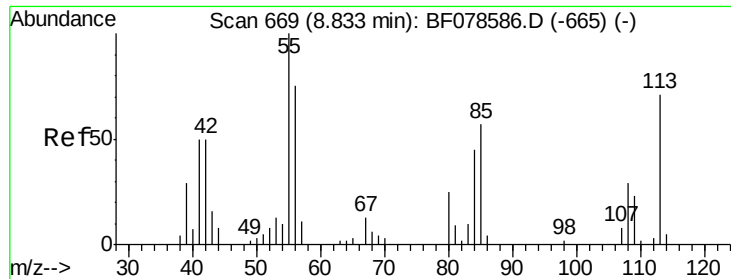
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#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 8.24 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	47.5	71.3		
227	60.9	50.2	75.2		





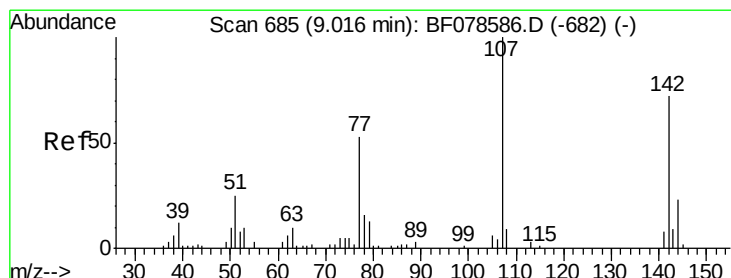
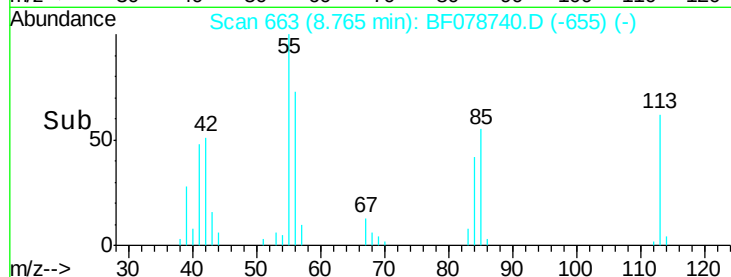
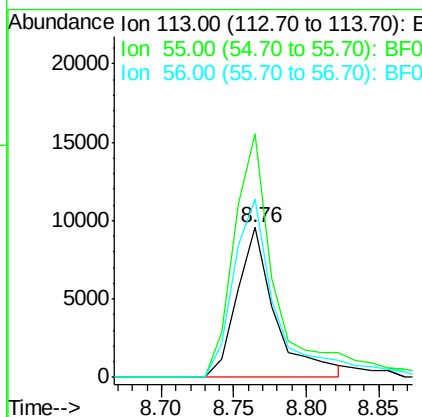
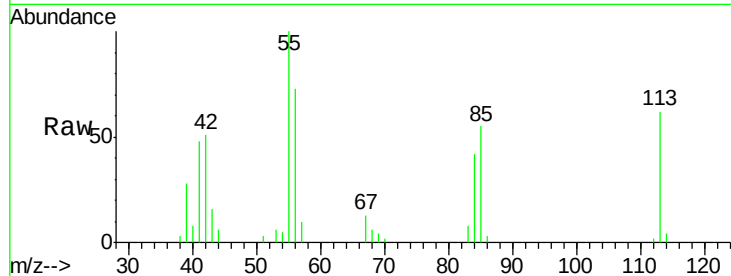
#35
 Caprolactam
 Concen: 43.28 ng
 RT: 8.76 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.4	151.9	191.9
56	118.8	106.1	146.1

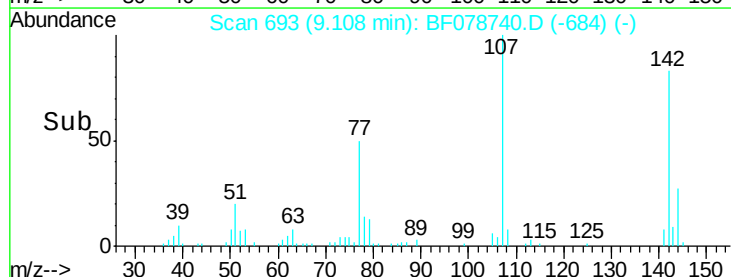
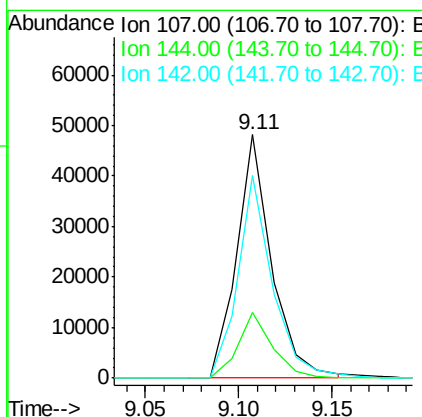
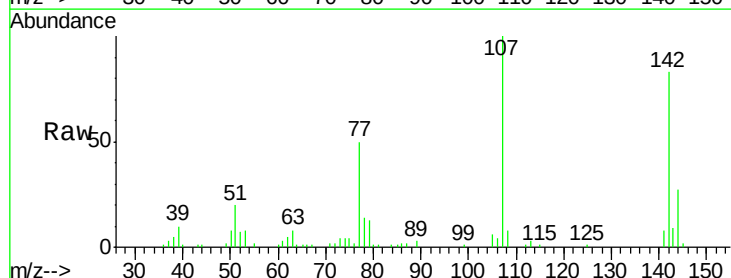
Manual Integrations
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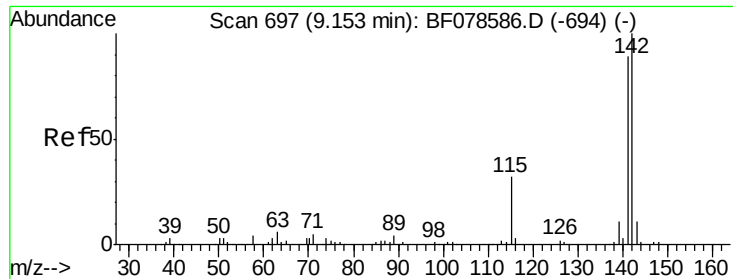
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#36
 4-Chloro-3-methylphenol
 Concen: 45.78 ng
 RT: 9.11 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	18.2	27.2
142	83.0	58.0	87.0





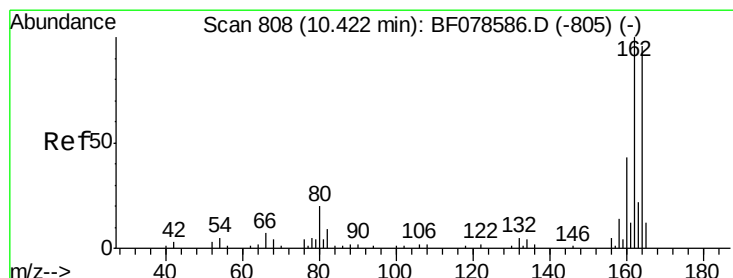
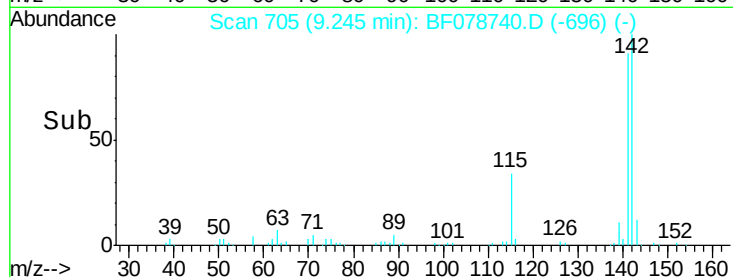
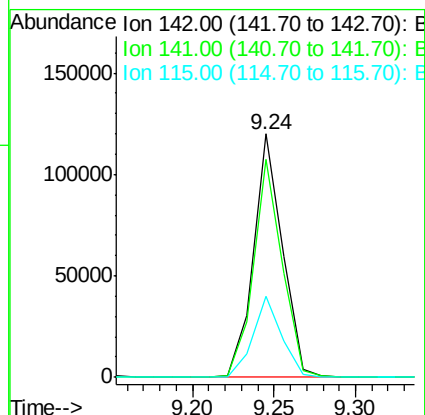
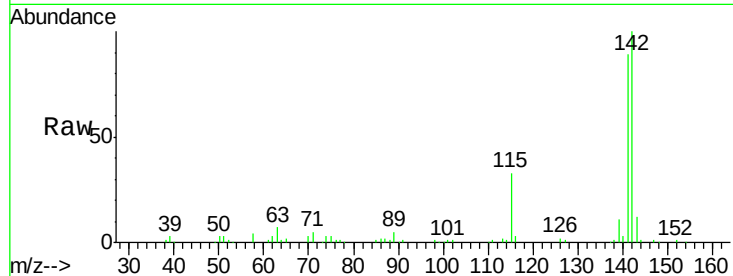
#37
2-Methylnaphthalene
Concen: 42.80 ng
RT: 9.24 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	33.3	24.6	37.0

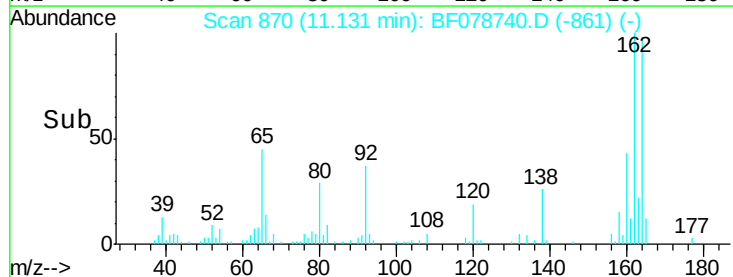
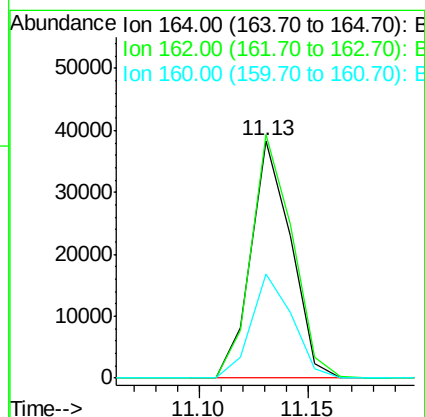
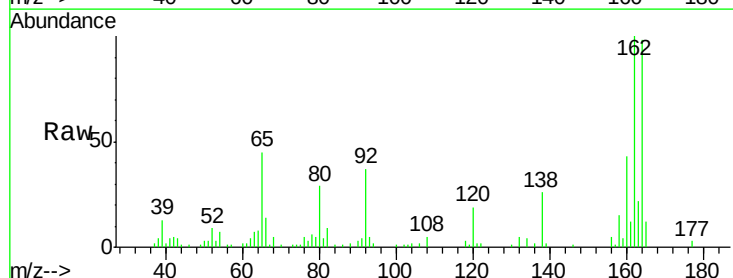
Manual Integrations
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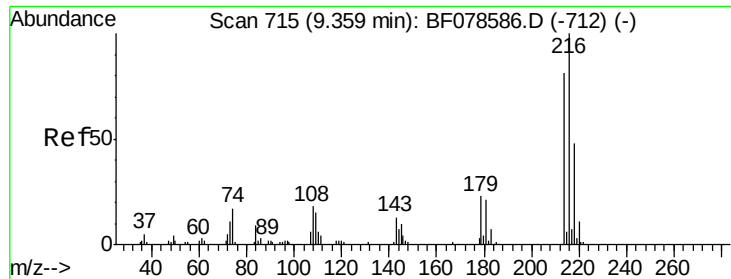
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.2
160	44.1	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF078740.D

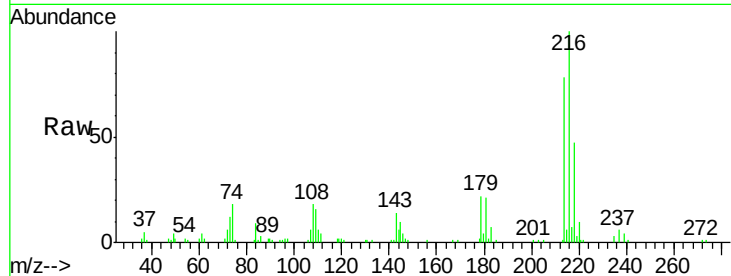
Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

ClientSampleId :

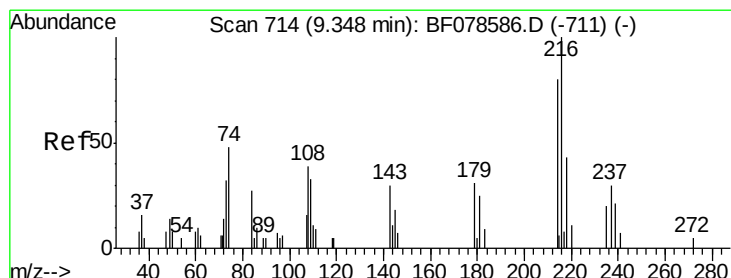
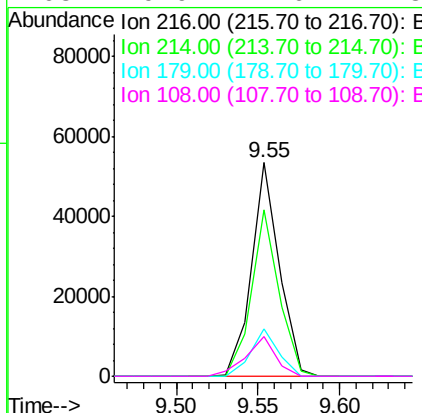
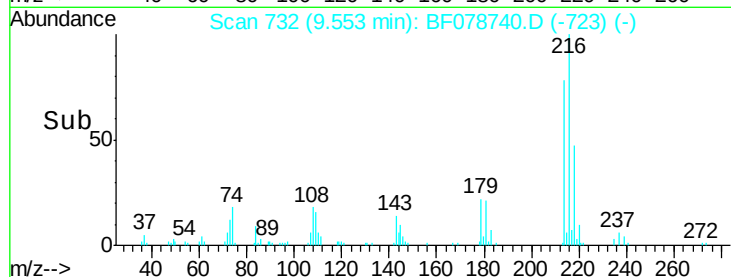
SB-77DMSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.6	62.0	93.0		
179	21.8	17.3	25.9		
108	19.9	14.6	21.8		

Manual Integrations
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#40

Hexachlorocyclopentadiene

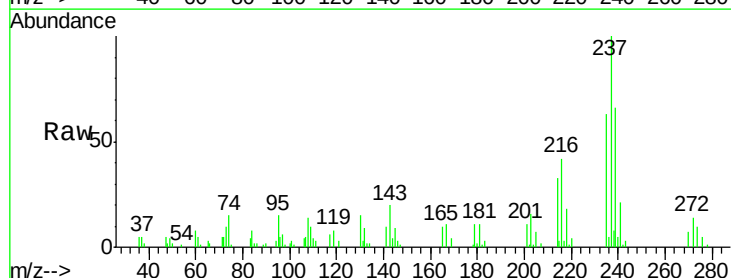
Concen: 67.24 ng

RT: 9.54 min Scan# 731

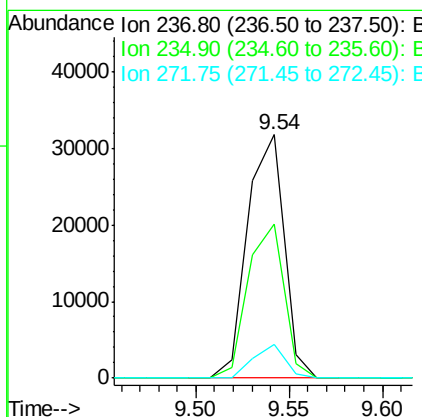
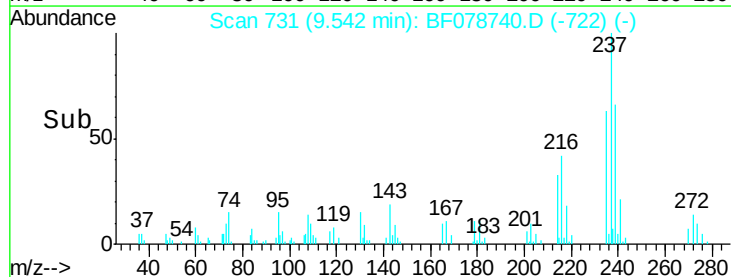
Delta R.T. -0.00 min

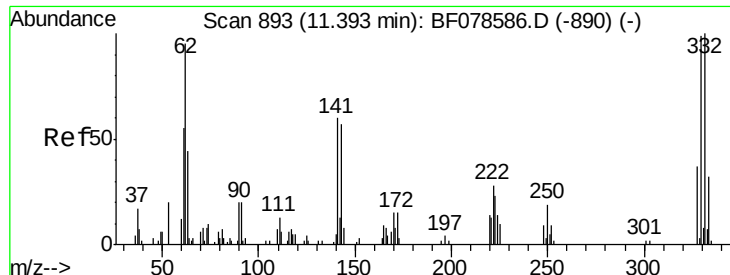
Lab File: BF078740.D

Acq: 23 Apr 2015 6:08



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4	44.1	84.1		
272	13.7	0.0	34.4		





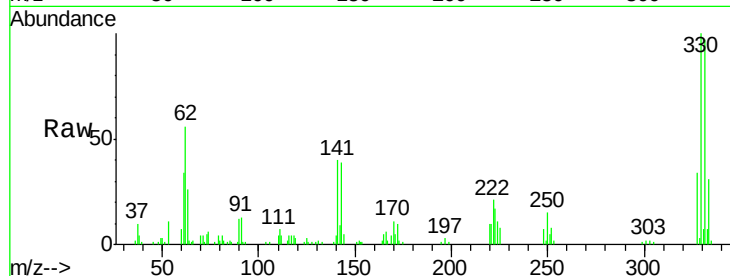
#41
 2,4,6-Tribromophenol
 Concen: 150.58 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61401		
332	96.1	78.6	117.8	
141	40.0	31.2	46.8	

Manual Integrations
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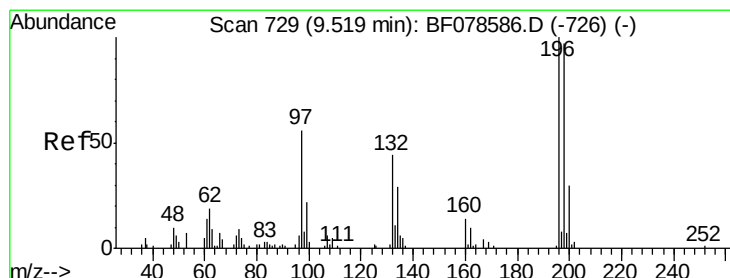
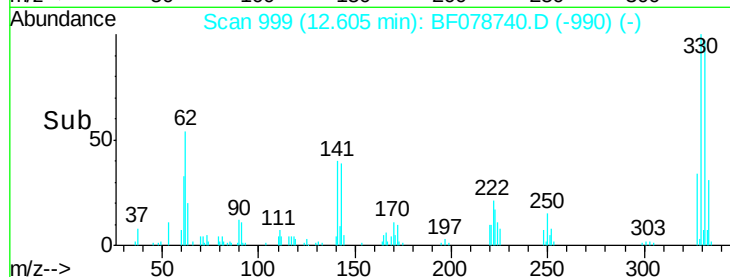
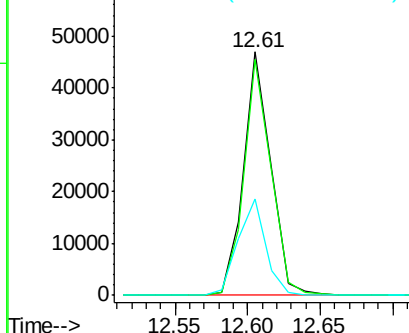


Abundance

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: 43.63 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

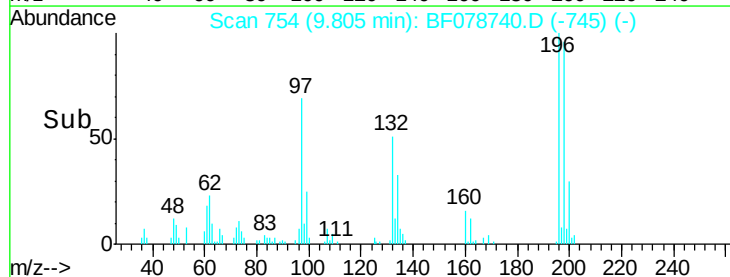
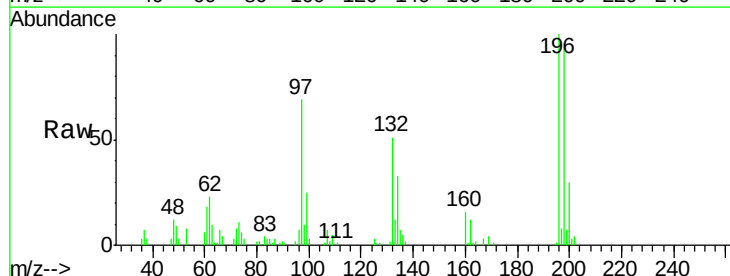
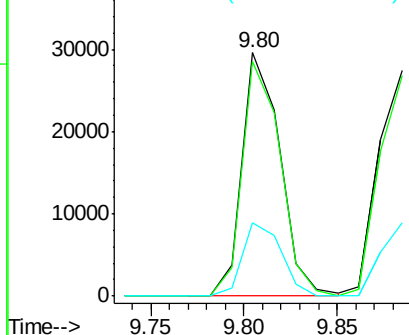
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41916		
198	96.3	75.4	113.2	
200	30.2	24.0	36.0	

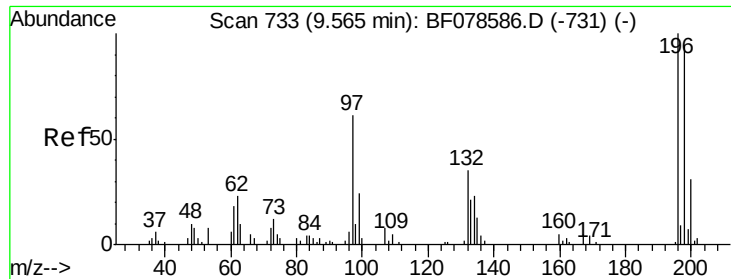
Abundance

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





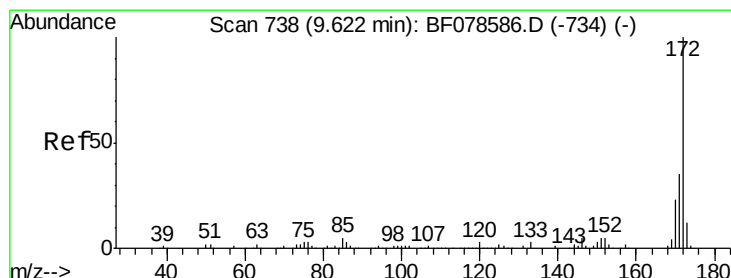
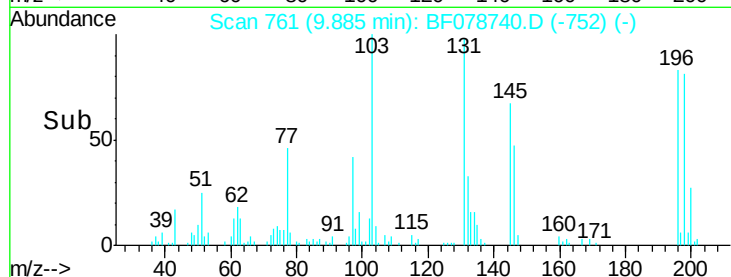
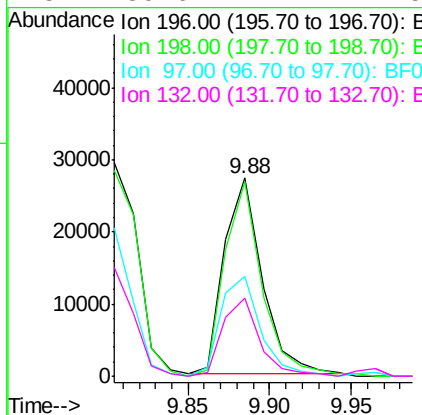
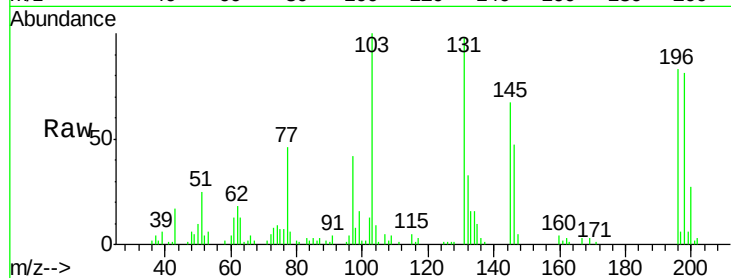
#43
 2,4,5-Trichlorophenol
 Concen: 43.47 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:	196	Resp:	43637
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.6	115.0
97	50.6	50.6	75.8
132	39.6	27.7	41.5

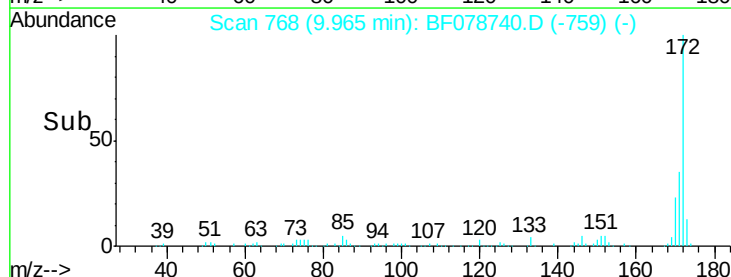
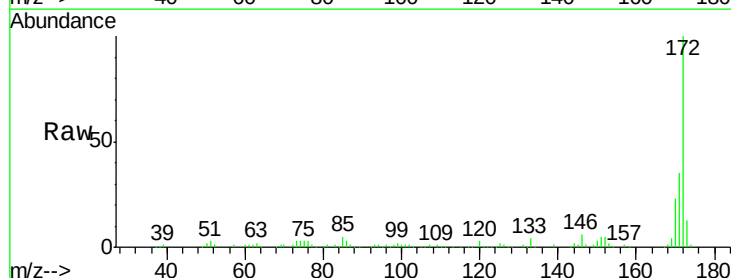
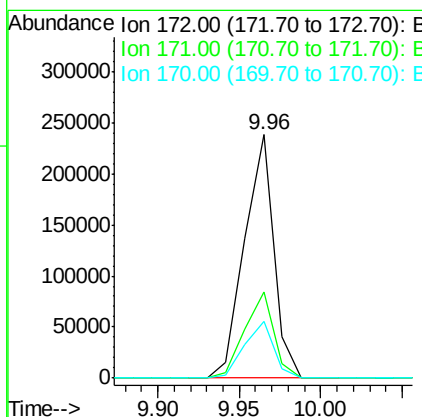
Manual Integrations
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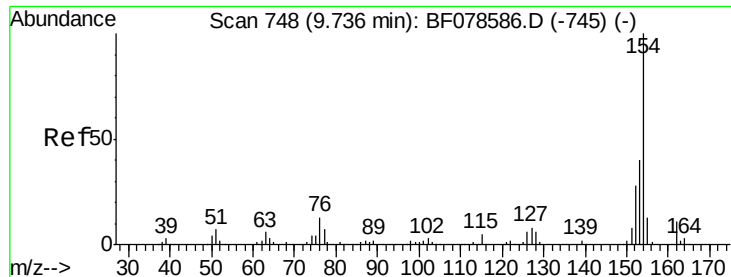
apatel
 4/23/2015 2:15:38 PM



#44
 2-Fluorobiphenyl
 Concen: 86.30 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion:	172	Resp:	296831
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	42.8
170	23.1	18.5	27.7





#45

1,1'-Biphenyl

Concen: 42.05 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

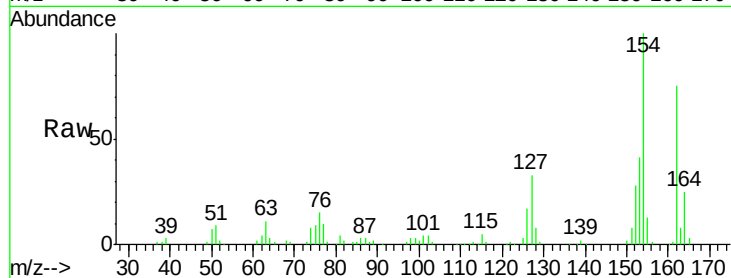
ClientSampleId :

SB-77DMSD

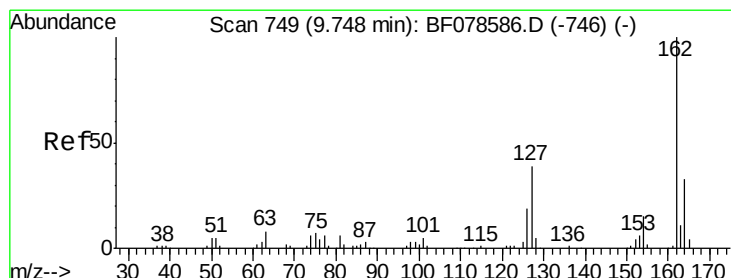
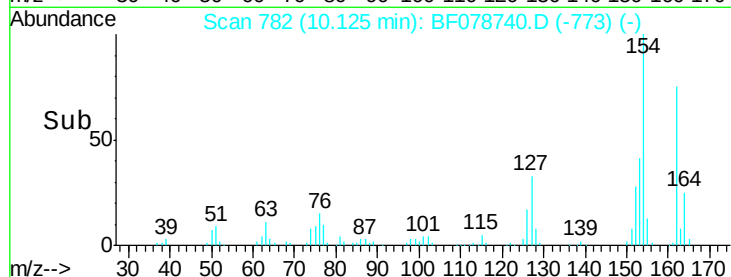
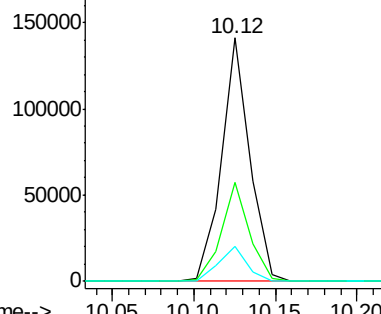
Tot Ion:	154	Resp:	169127
Ion Ratio		Lower	Upper
154	100		
153	40.5	20.0	60.0
76	14.6	0.0	30.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.63 ng

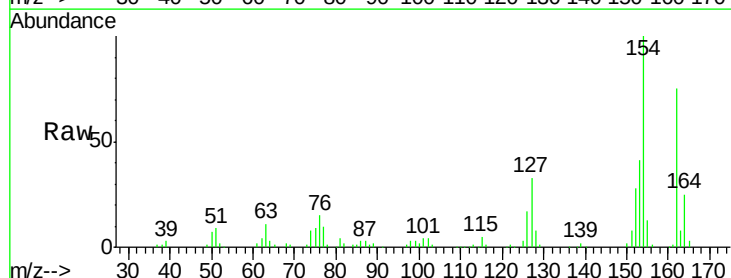
RT: 10.12 min Scan# 782

Delta R.T. -0.00 min

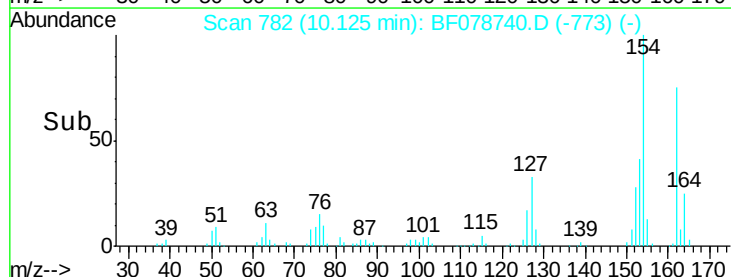
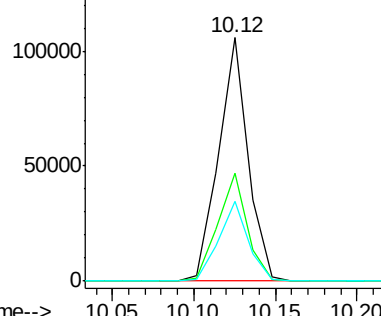
Lab File: BF078740.D

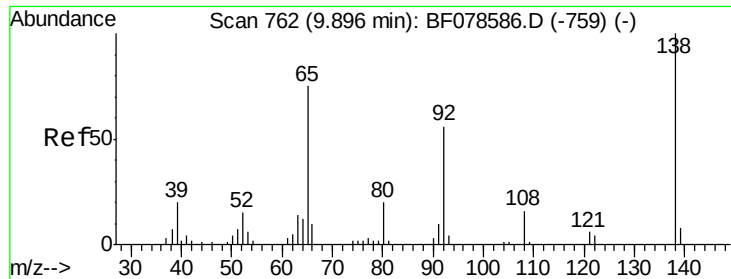
Acq: 23 Apr 2015 6:08

Tgt Ion:	162	Resp:	131743
Ion Ratio		Lower	Upper
162	100		
127	44.5	32.6	49.0
164	32.8	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





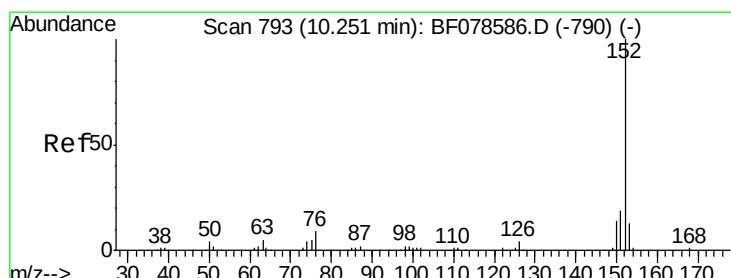
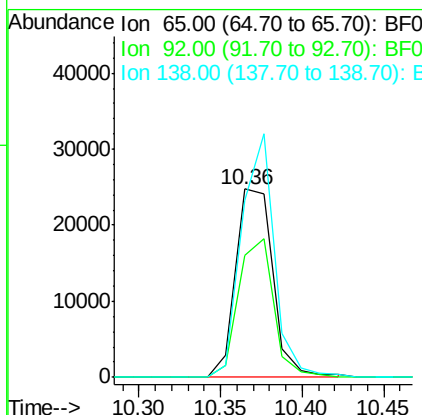
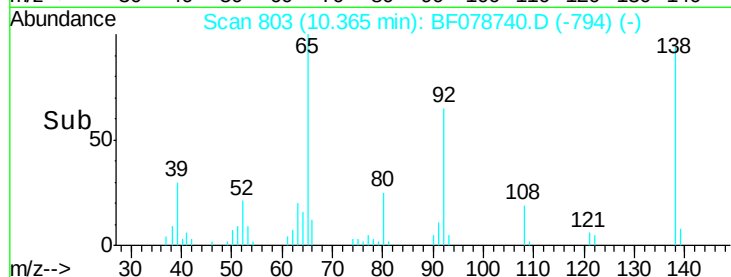
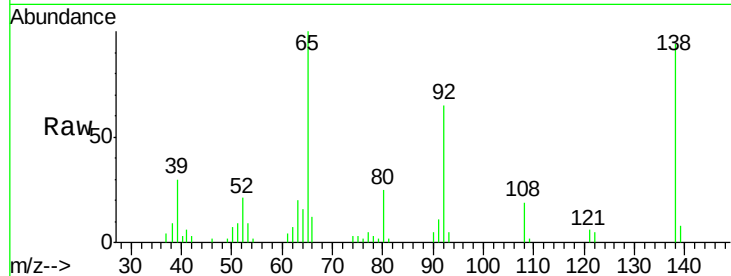
#47
 2-Nitroaniline
 Concen: 50.25 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	51.3	76.9
138	94.3	70.4	105.6

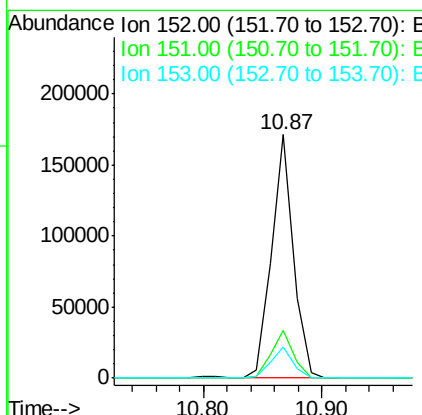
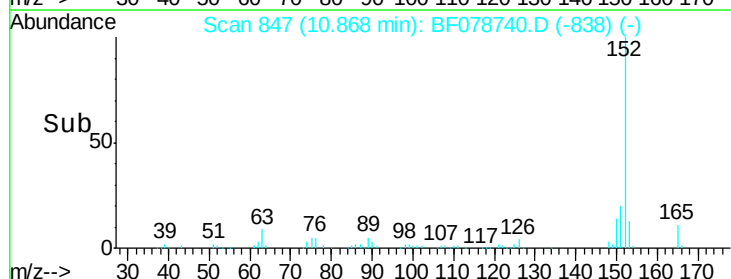
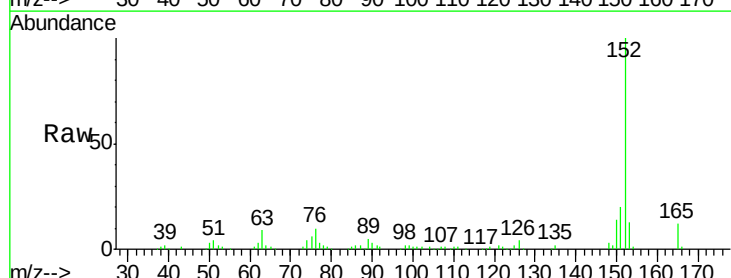
Manual Integrations
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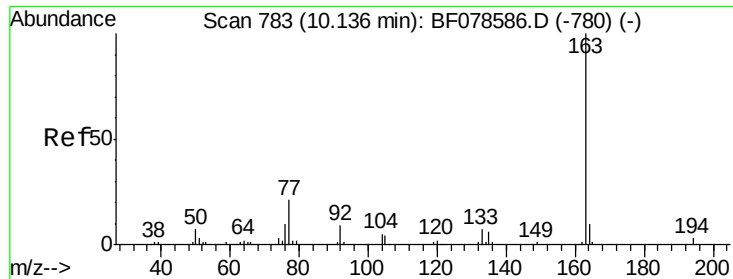
apatel
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#48
 Acenaphthylene
 Concen: 42.99 ng
 RT: 10.87 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.2	15.2





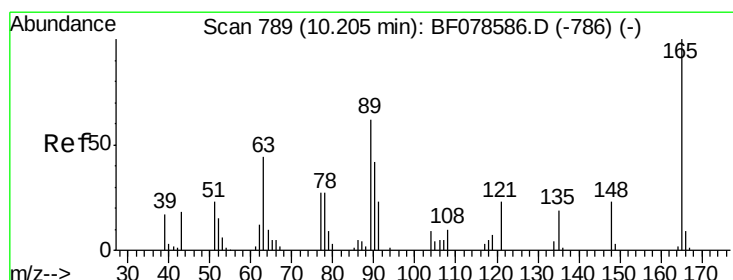
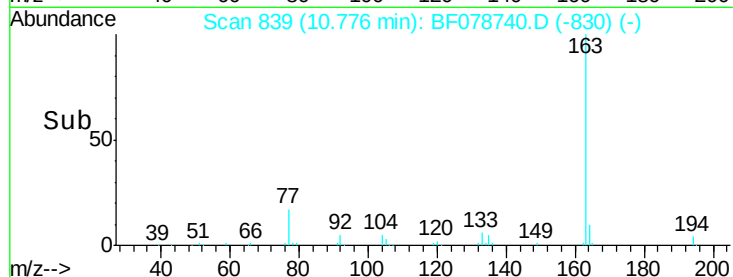
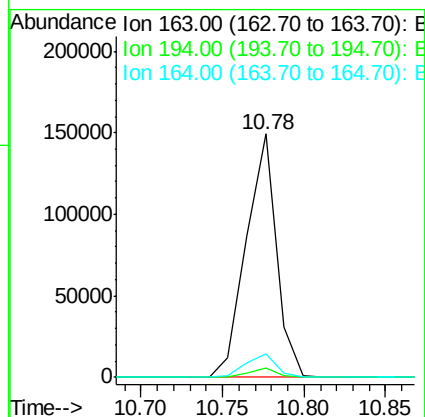
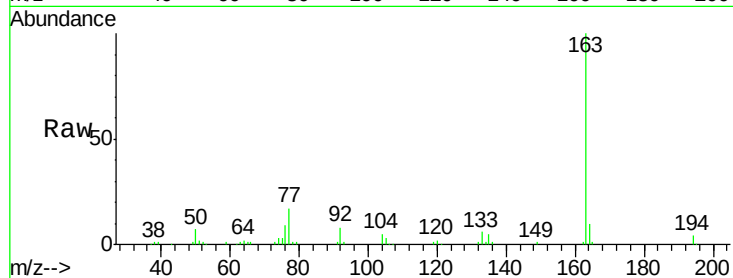
#49
Dimethylphthalate
Concen: 51.96 ng
RT: 10.78 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	2.3	3.5#
164	9.7	8.6	13.0

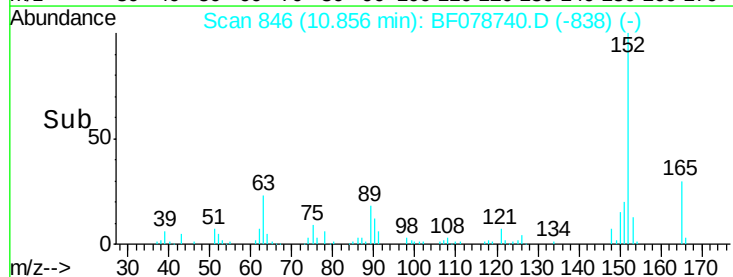
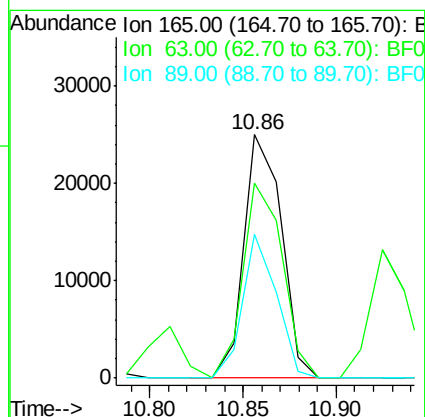
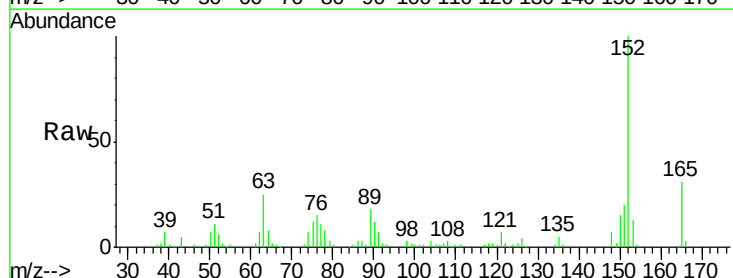
Manual Integrations
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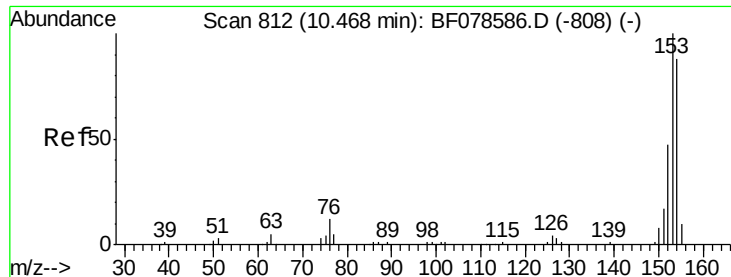
apatel
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#50
2,6-Dinitrotoluene
Concen: 46.01 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	79.8	24.1	36.1#
89	59.0	28.9	43.3#





#51

Acenaphthene

Concen: 43.93 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

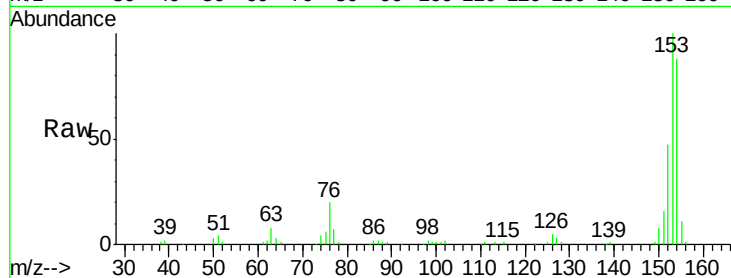
ClientSampleId :

SB-77DMSD

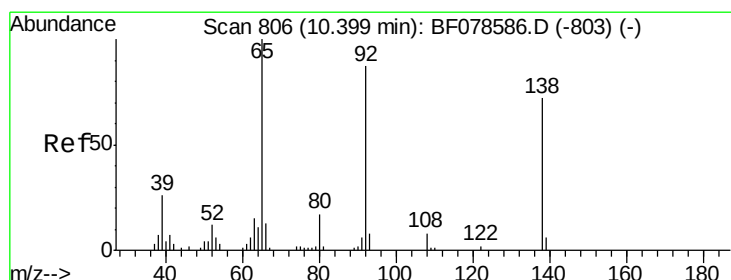
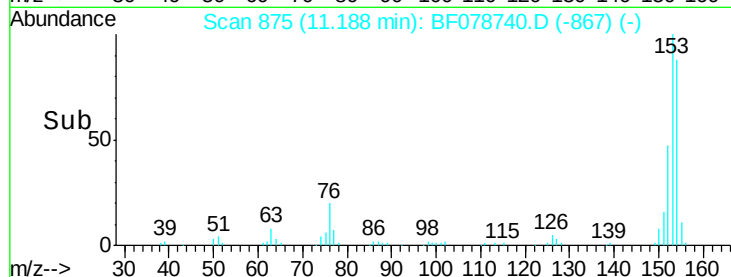
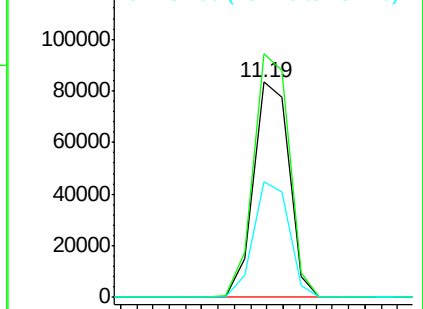
Tot Ion:	154	Resp:	126392
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.4	137.2
152	53.6	43.0	64.6

Manual Integrations
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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: 35.87 ng

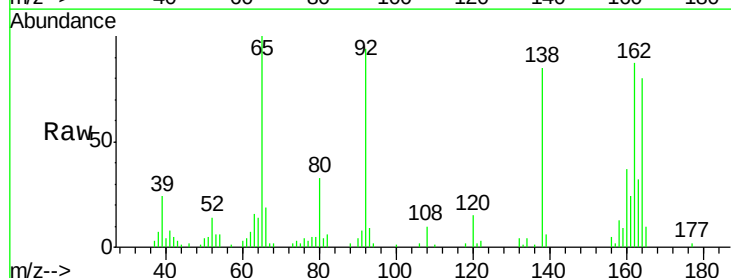
RT: 11.14 min Scan# 871

Delta R.T. -0.00 min

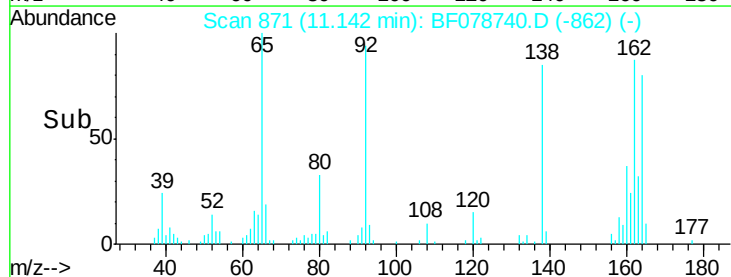
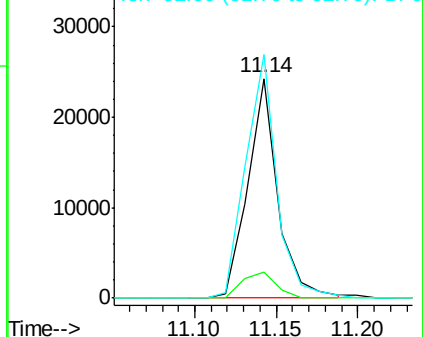
Lab File: BF078740.D

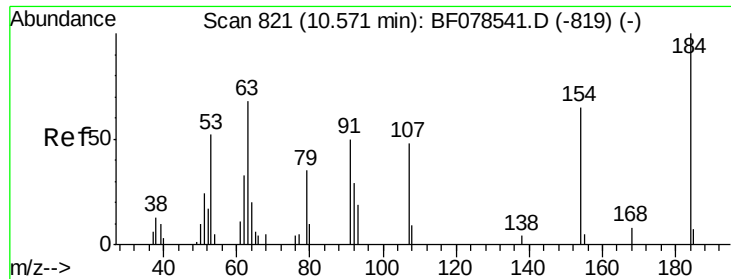
Acq: 23 Apr 2015 6:08

Tgt Ion:	138	Resp:	30997
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.2	12.4
92	110.8	88.4	132.6



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





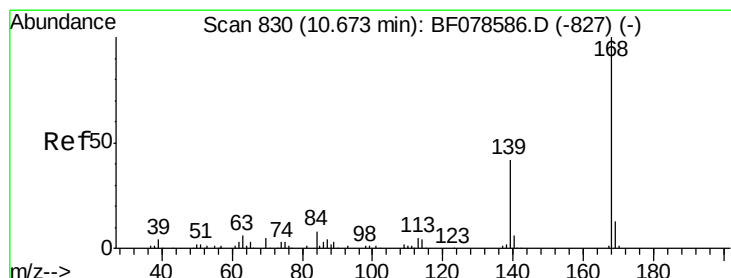
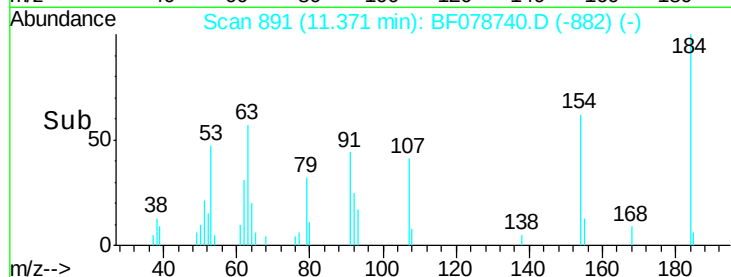
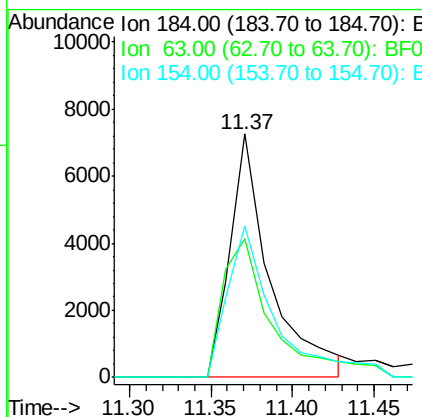
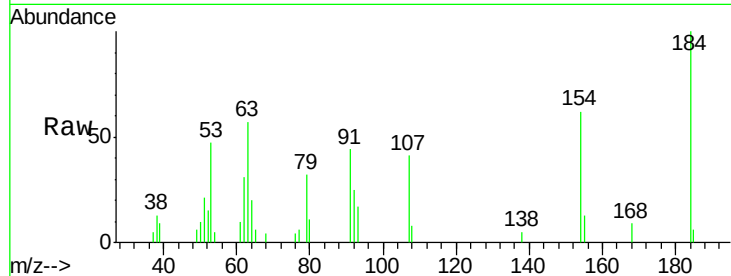
#53
2,4-Dinitrophenol
Concen: 51.64 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion:	184	Resp:	12374
Ion Ratio	Lower	Upper	
184	100		
63	57.1	51.9	77.9
154	62.4	51.0	76.4

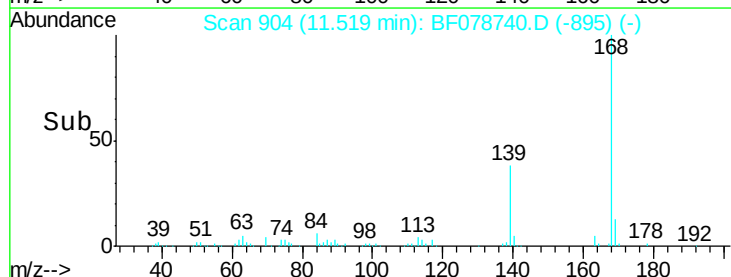
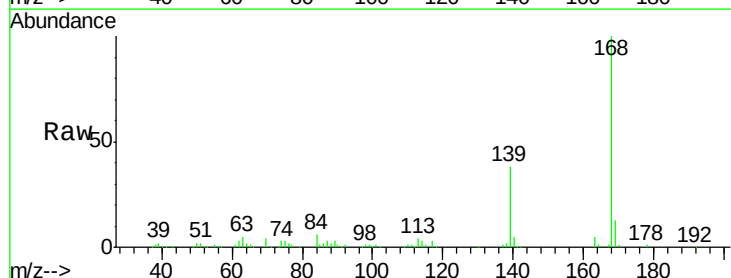
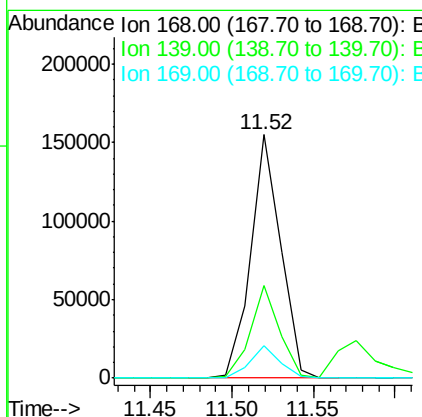
Manual Integrations
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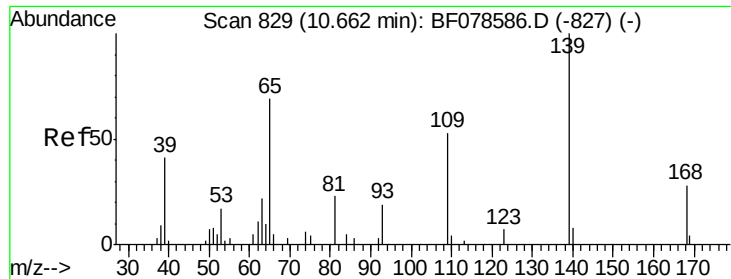
apatel
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#54
Dibenzofuran
Concen: 45.05 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion:	168	Resp:	197942
Ion Ratio	Lower	Upper	
168	100		
139	38.0	31.0	46.4
169	13.4	10.7	16.1





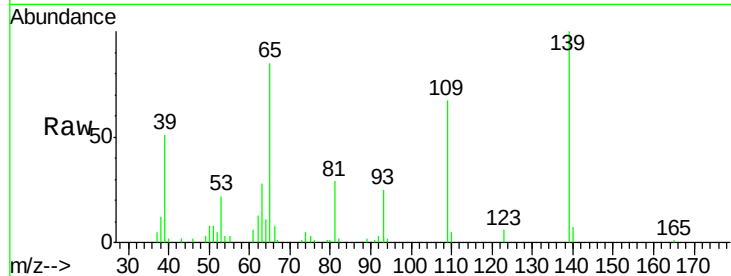
#55
4-Nitrophenol
Concen: 68.71 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	43466		
109	66.7	36.7	76.7	
65	85.4	49.9	89.9	

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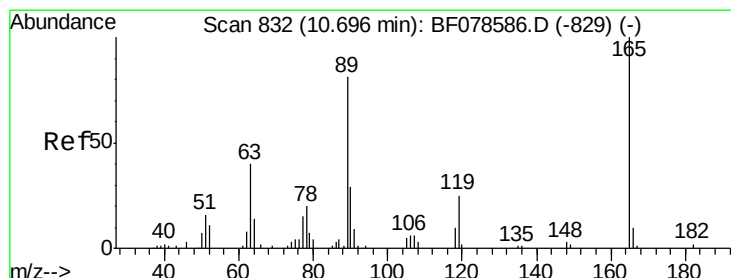
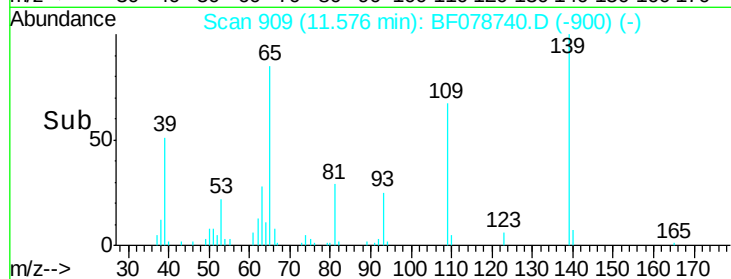
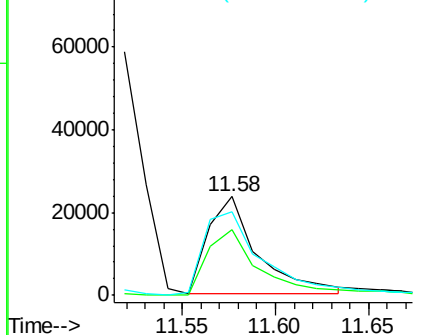


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 50.09 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	49303		
63	42.4	26.5	39.7#	
89	67.6	46.4	69.6	
182	2.5	2.0	3.0	

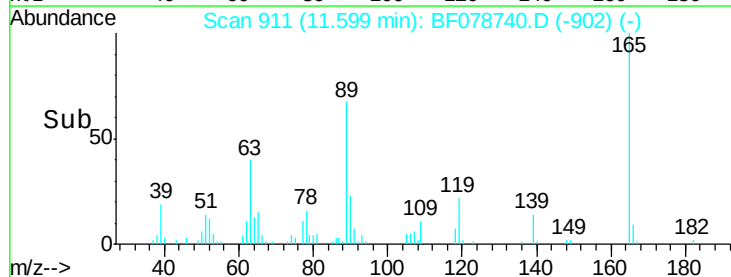
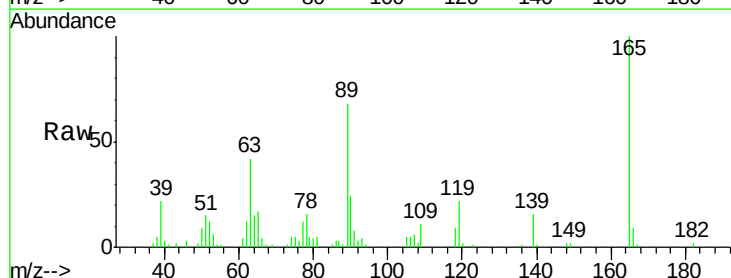
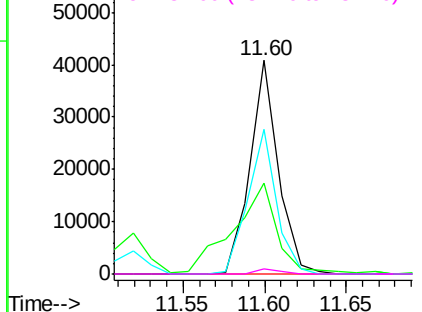
Abundance

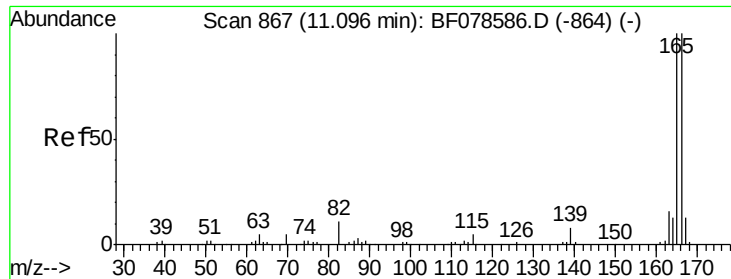
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





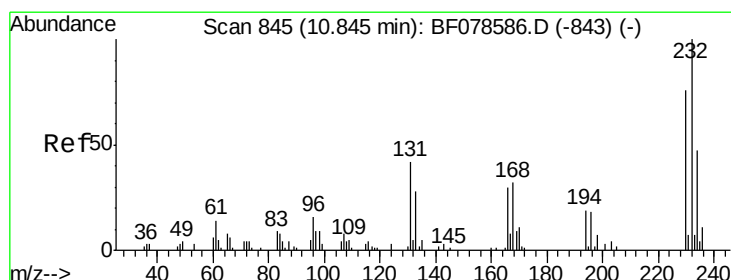
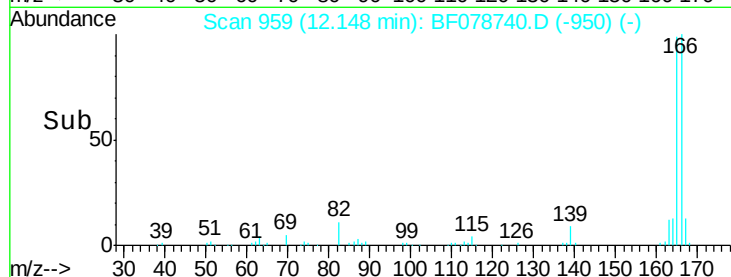
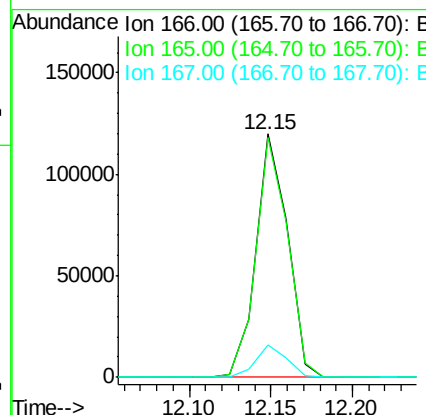
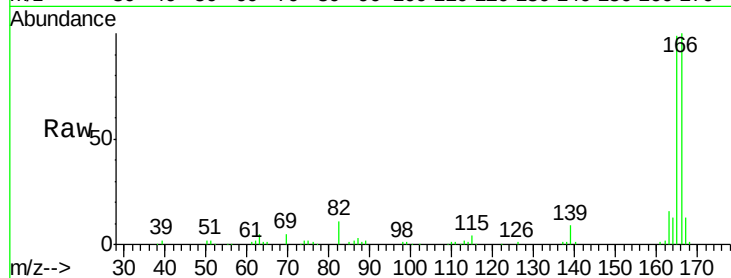
#57
 Fluorene
 Concen: 45.33 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	161458		
165	98.6	78.9	118.3	
167	13.4	10.7	16.1	

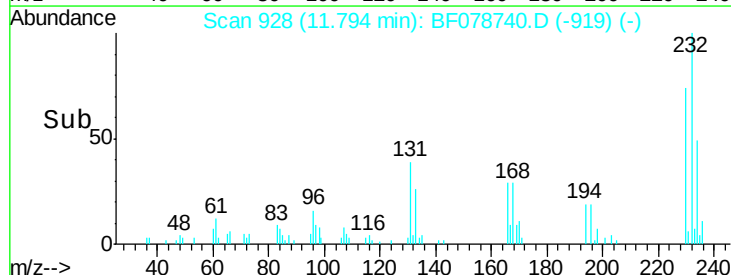
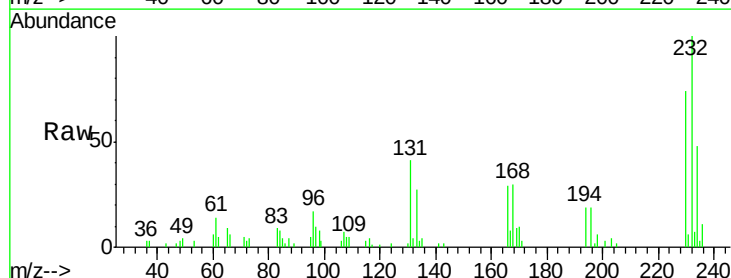
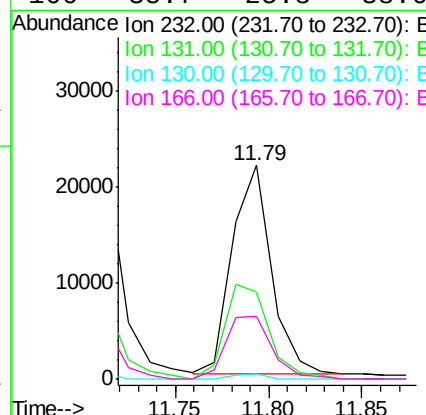
Manual Integrations
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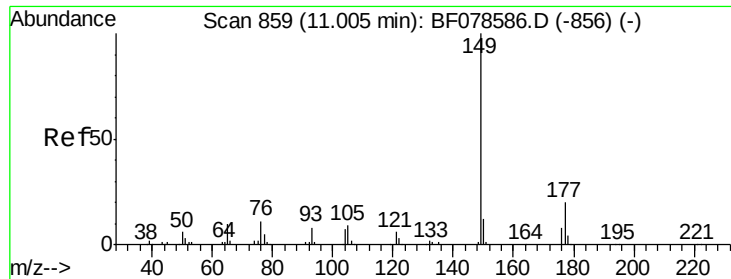
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 4/23/2015 2:15:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.94 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	31951		
131	51.4	37.8	56.8	
130	2.1	1.5	2.3	
166	35.7	25.8	38.6	





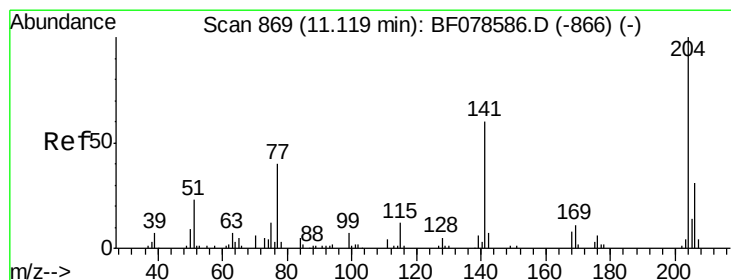
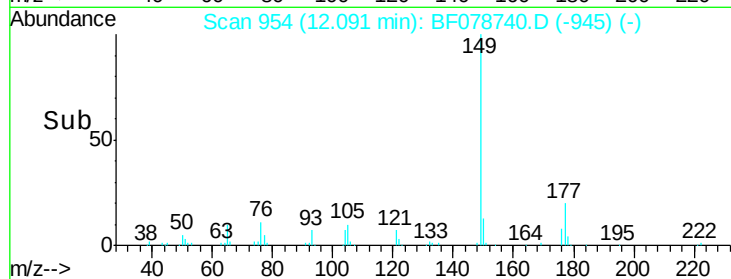
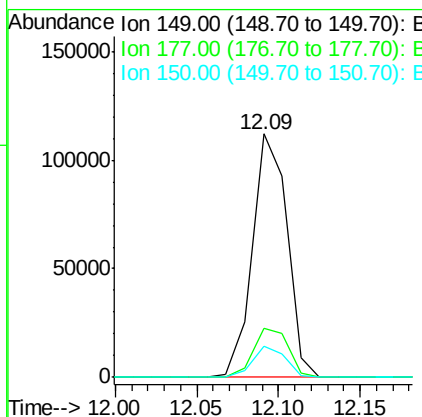
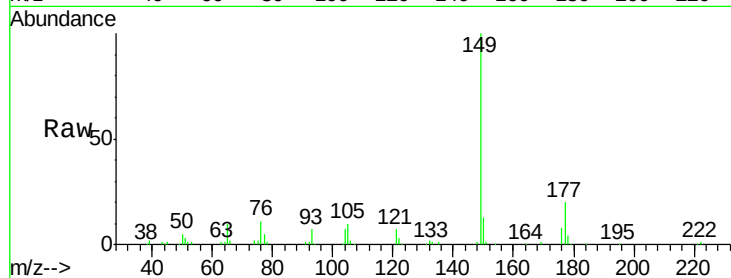
#59
Diethylphthalate
Concen: 46.35 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	165069		
177	20.2		17.4	26.2
150	12.6		9.4	14.2

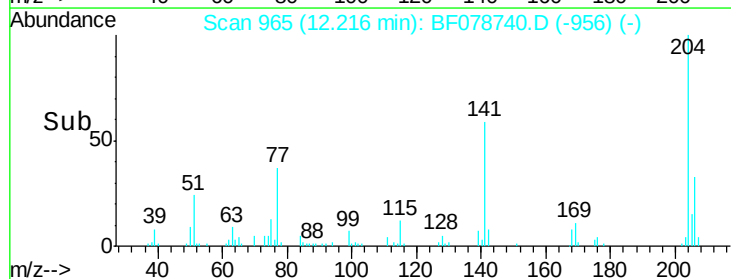
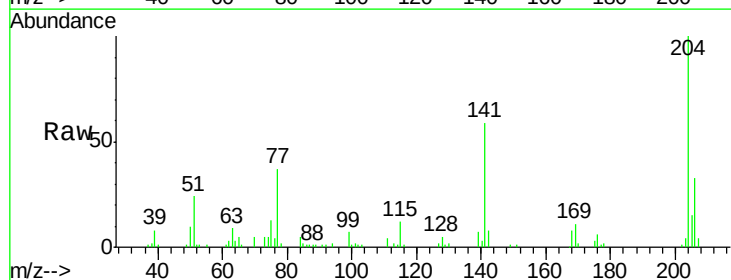
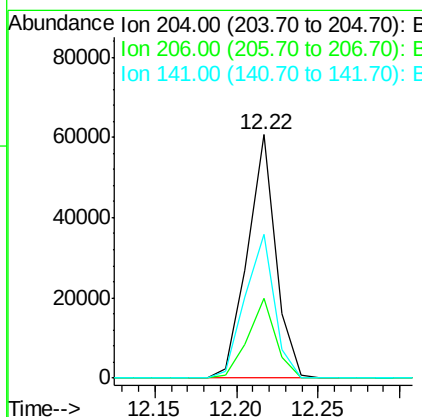
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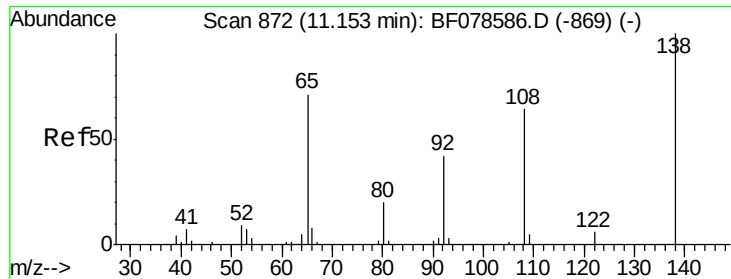
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	72986		
206	32.5		25.6	38.4
141	58.8		35.4	53.0#





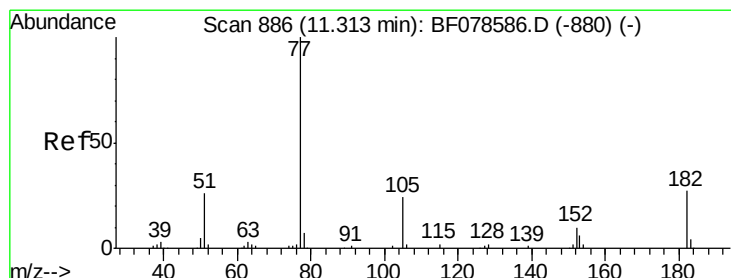
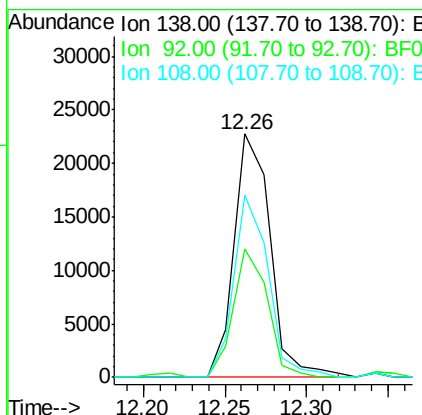
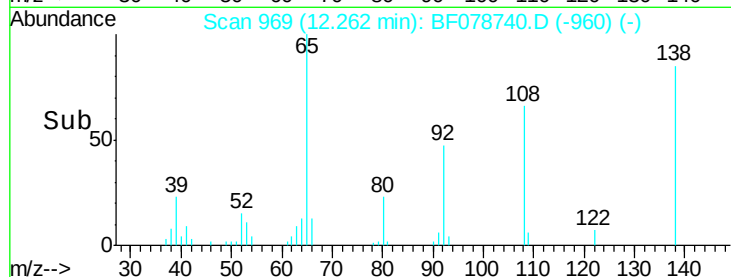
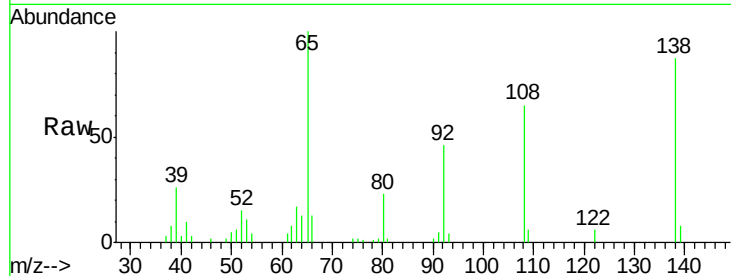
#61
4-Nitroaniline
Concen: 39.97 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion:	138	Resp:	34915
Ion Ratio		Lower	Upper
138	100		
92	52.9	27.3	67.3
108	74.9	47.2	87.2

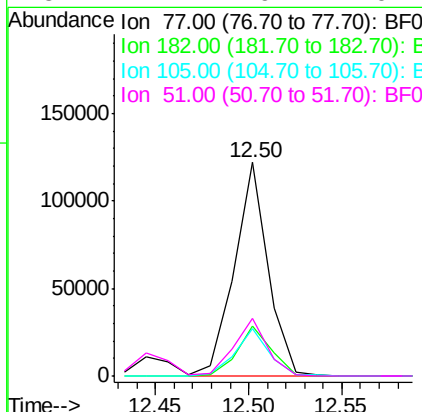
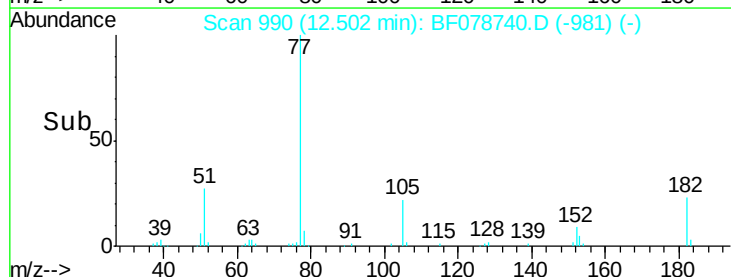
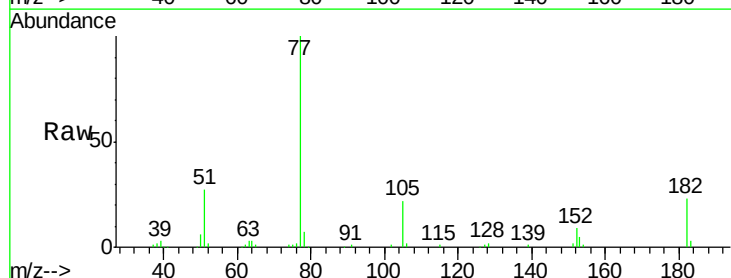
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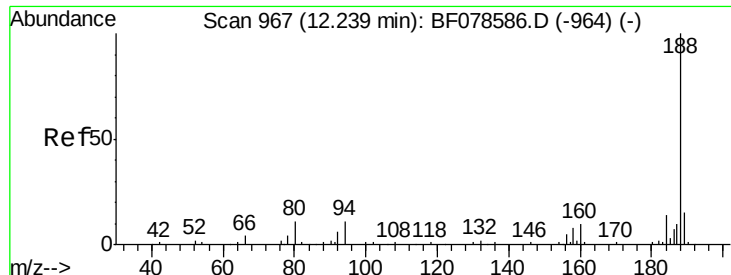
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#62
Azobenzene
Concen: 47.11 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion:	77	Resp:	153136
Ion Ratio		Lower	Upper
77	100		
182	23.5	0.0	36.8
105	22.0	0.3	40.3
51	27.2	9.1	49.1





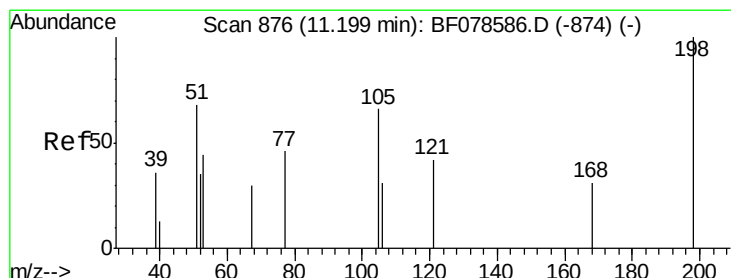
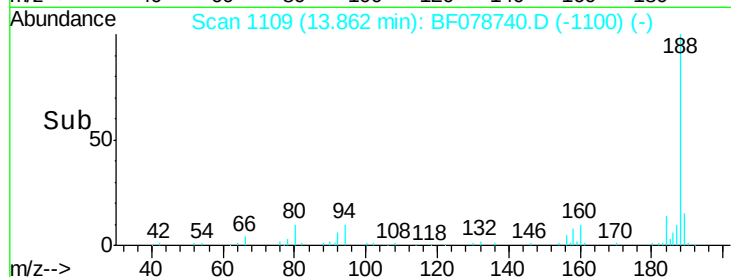
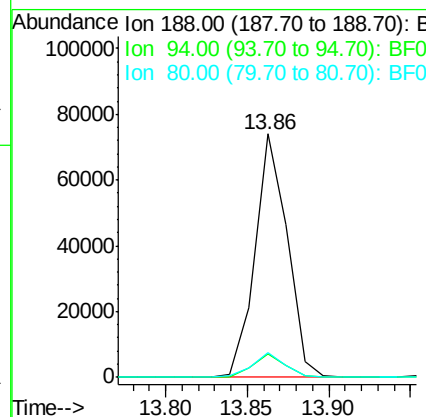
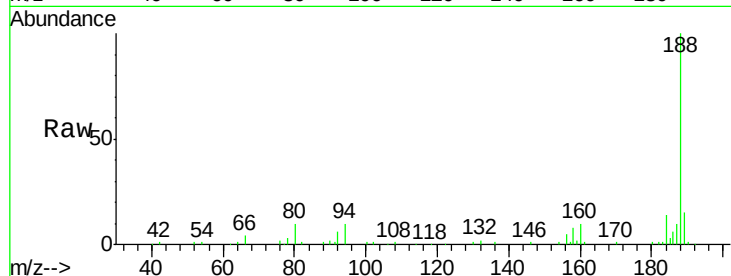
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:	188	Resp:	101344
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.0	13.4
80	10.0	9.5	14.3

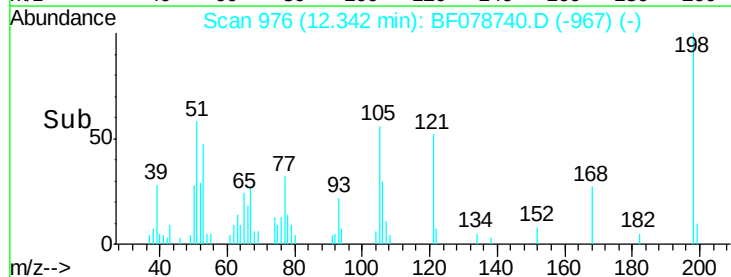
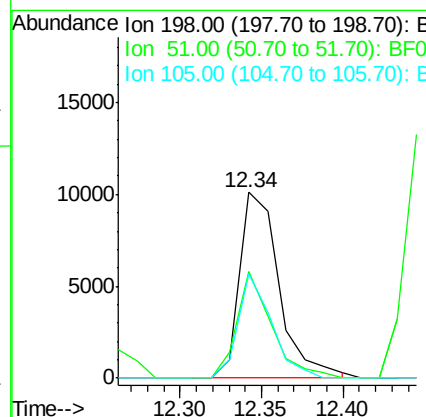
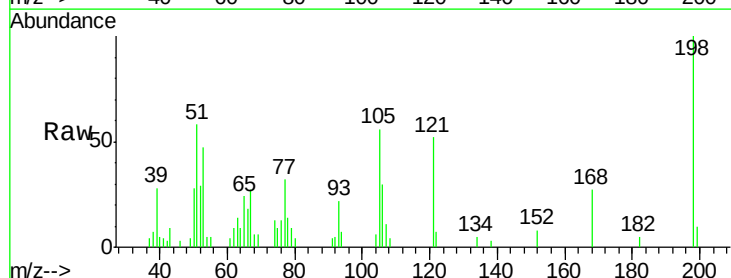
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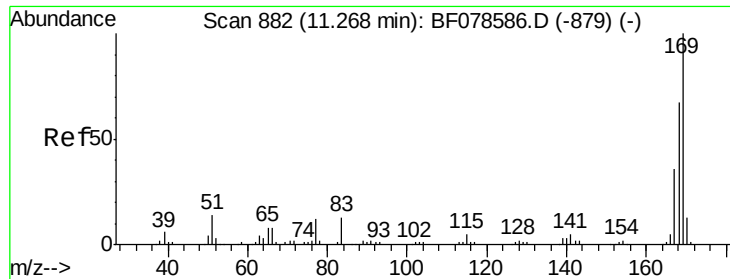
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.30 ng
 RT: 12.34 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion:	198	Resp:	16984
Ion Ratio	Lower	Upper	
198	100		
51	57.5	48.6	88.6
105	56.3	45.8	85.8





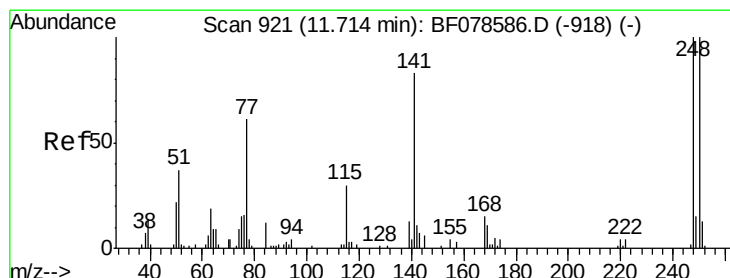
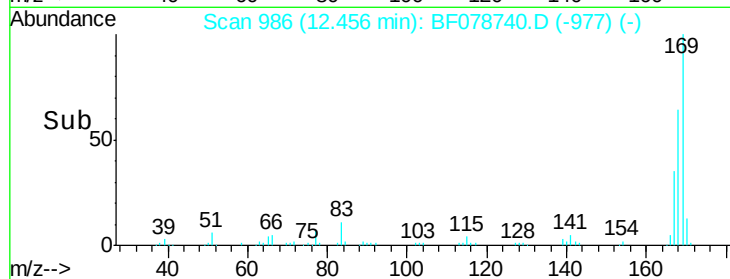
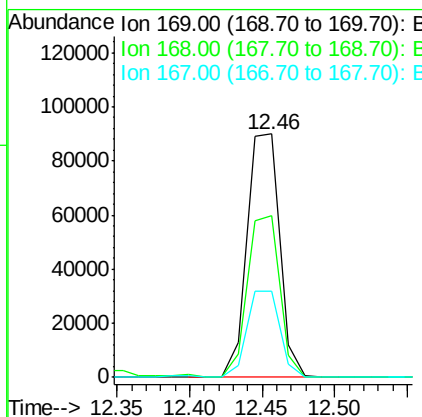
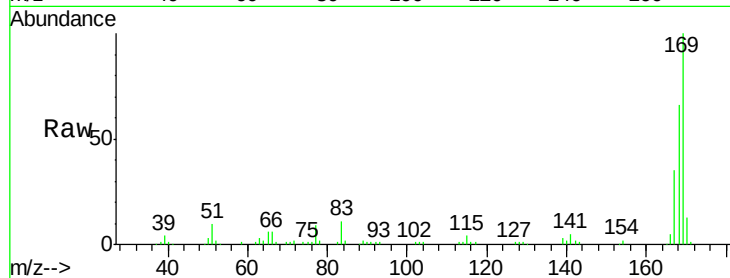
#65
 n-Nitrosodiphenylamine
 Concen: 40.14 ng
 RT: 12.46 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	55.0	82.4
167	35.3	29.3	43.9

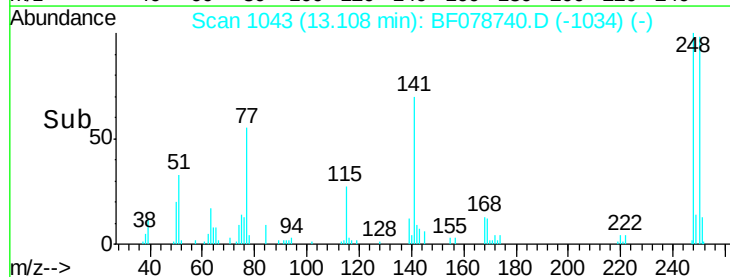
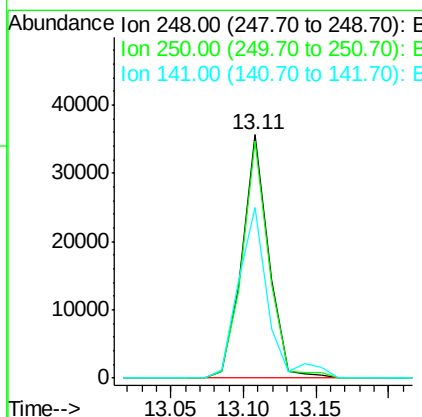
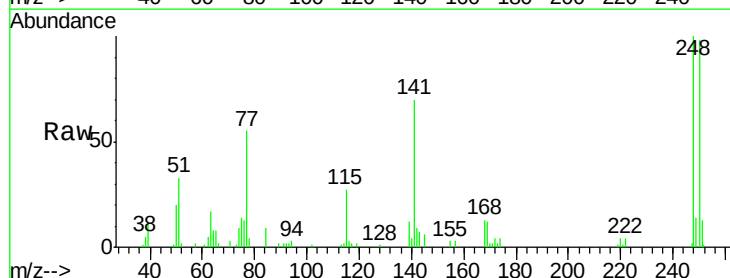
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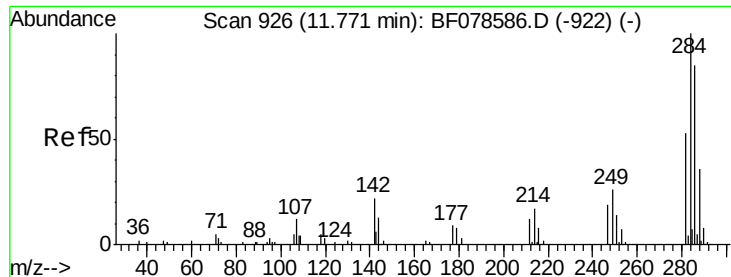
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#66
 4-Bromophenyl-phenylether
 Concen: 42.32 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.2	117.2
141	70.2	66.4	99.6





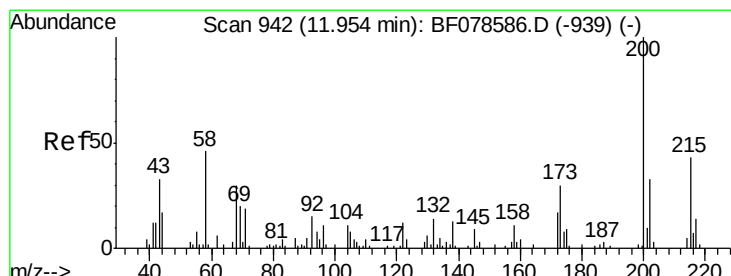
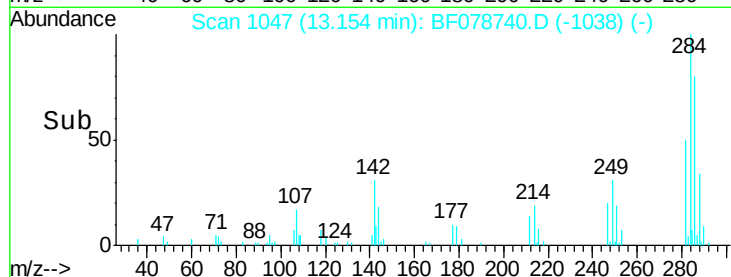
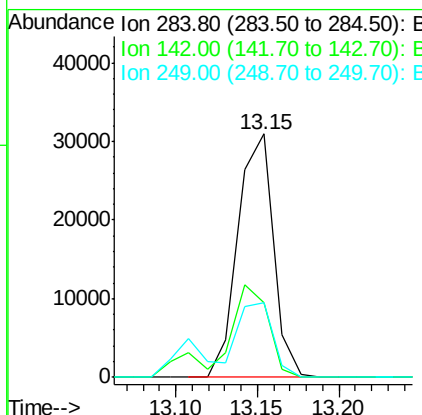
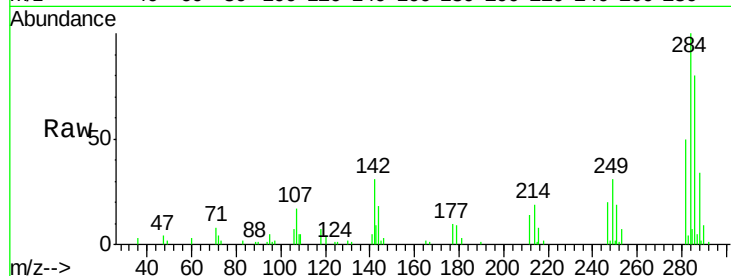
#67
Hexachlorobenzene
Concen: 39.52 ng
RT: 13.15 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	46484		
142	30.6	24.5	36.7	
249	30.5	24.8	37.2	

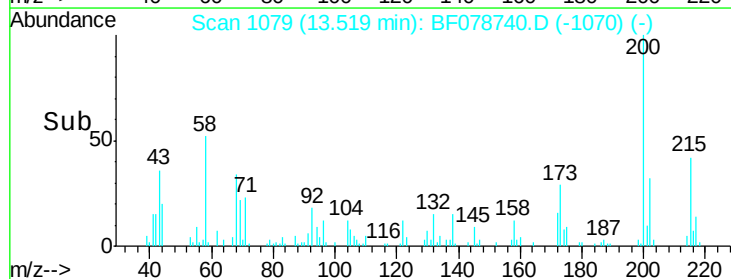
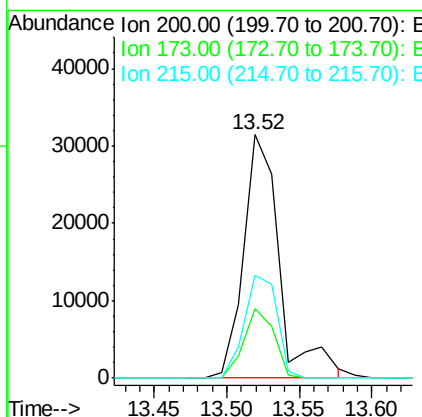
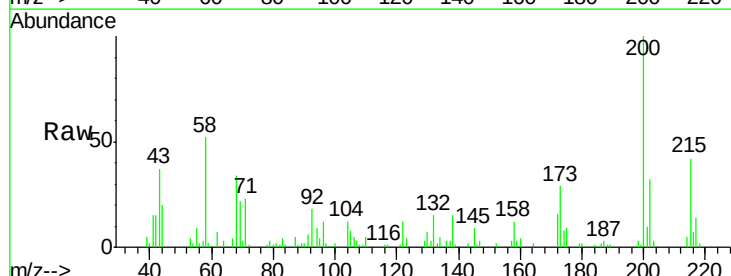
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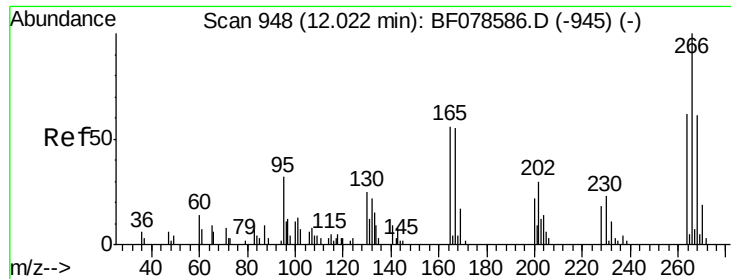
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#68
Atrazine
Concen: 53.01 ng
RT: 13.52 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	53821		
173	28.6	6.9	46.9	
215	42.0	27.1	67.1	





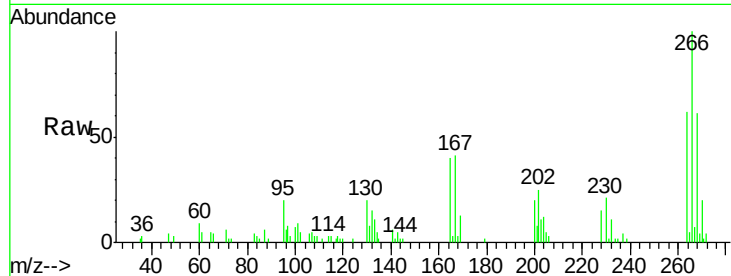
#69
 Pentachlorophenol
 Concen: 63.24 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

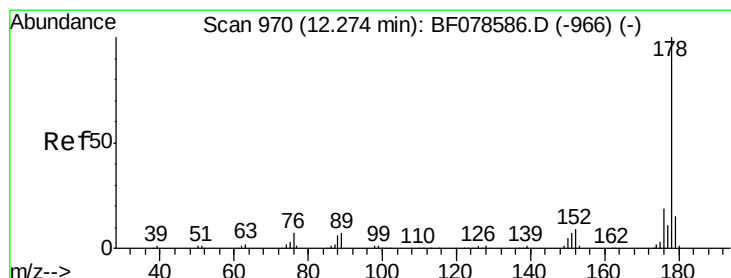
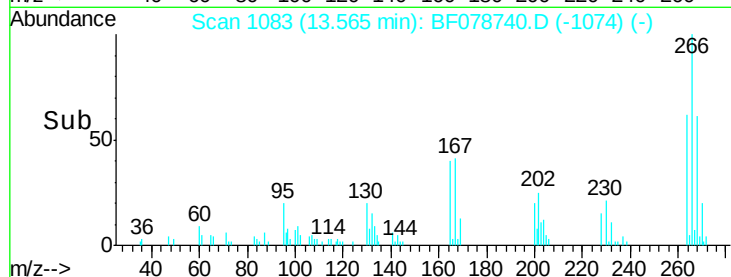
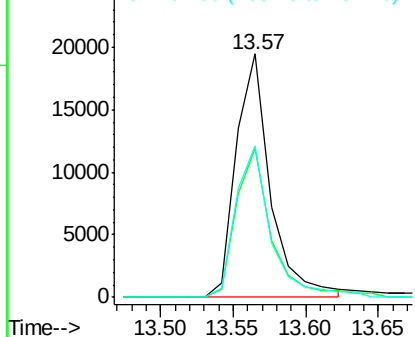
Tot Ion	Ratio	Resp	Lower	Upper
266	100	32046		
268	61.4	50.1	75.1	
264	62.3	50.0	75.0	

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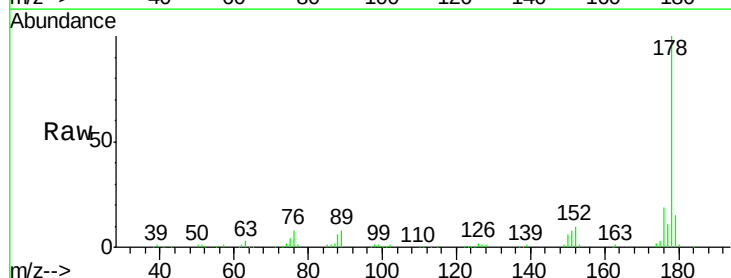


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

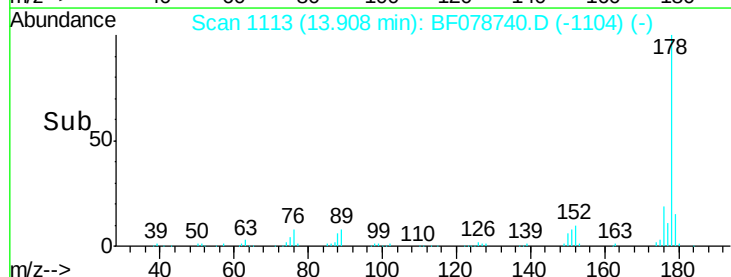
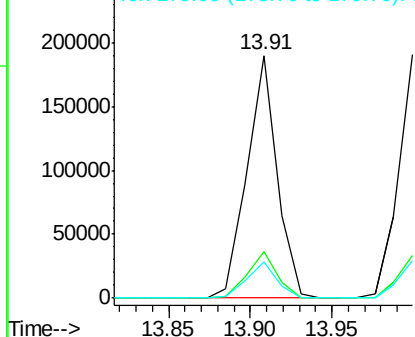


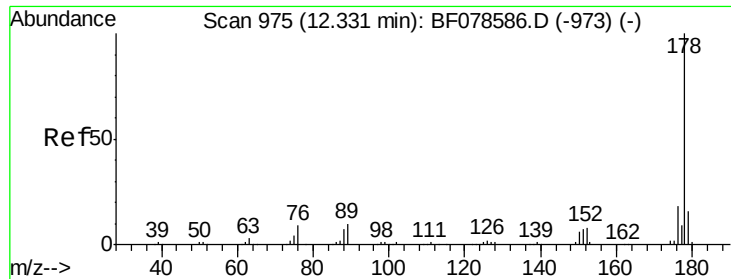
#70
 Phenanthrene
 Concen: 41.55 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	243565		
176	18.9	15.4	23.0	
179	15.0	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





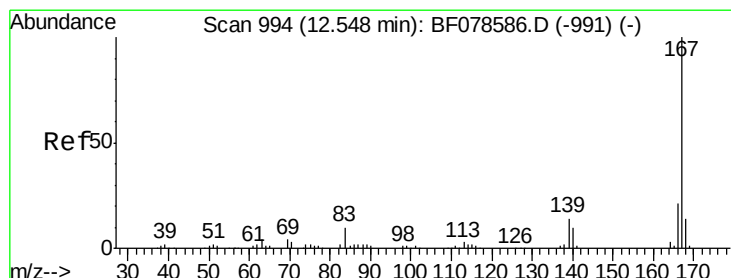
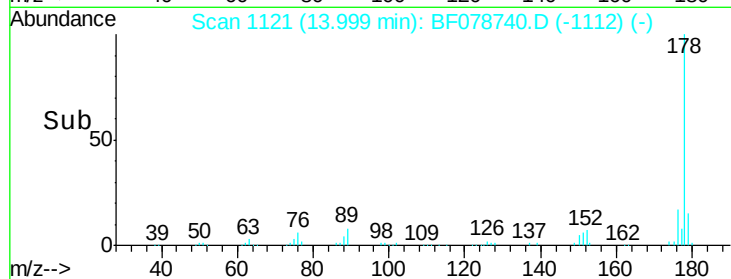
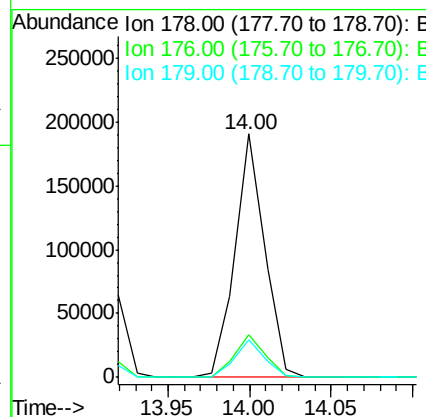
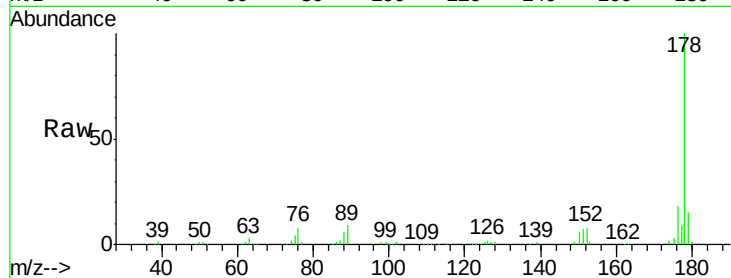
#71
 Anthracene
 Concen: 41.59 ng
 RT: 14.00 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	15.2	12.4	18.6

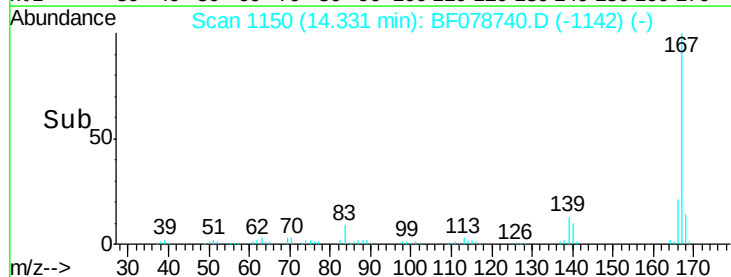
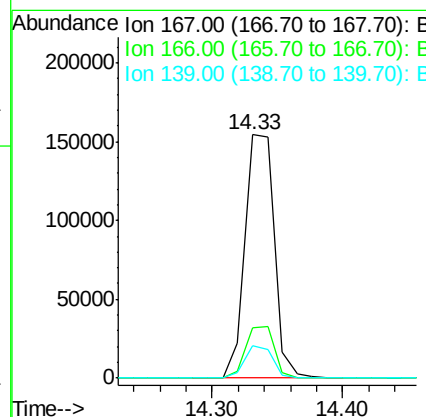
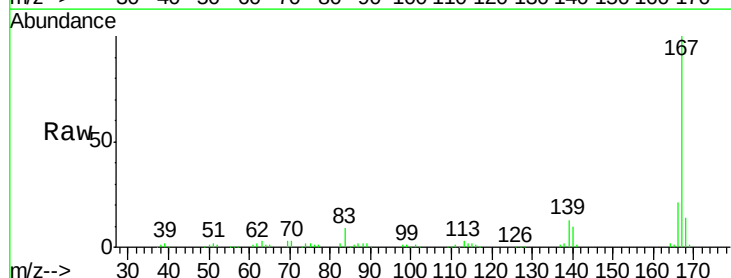
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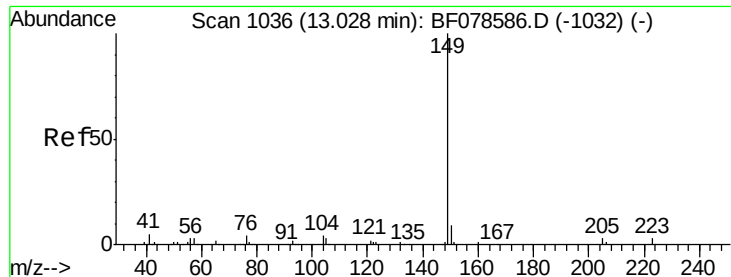
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#72
 Carbazole
 Concen: 44.55 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.8	25.2
139	13.2	10.0	15.0





#73

Di-n-butylphthalate

Concen: 45.53 ng

RT: 15.03 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

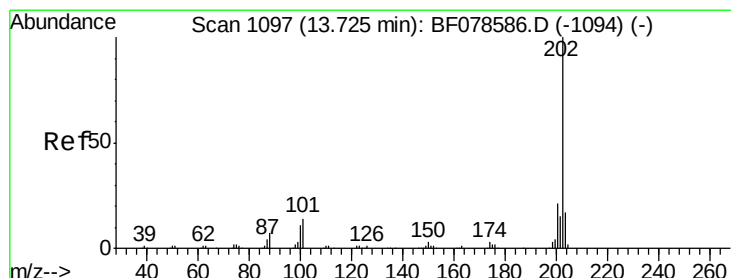
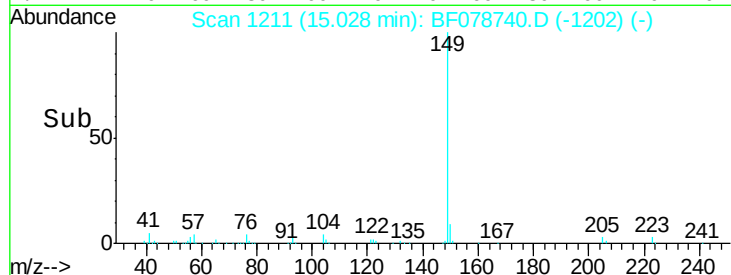
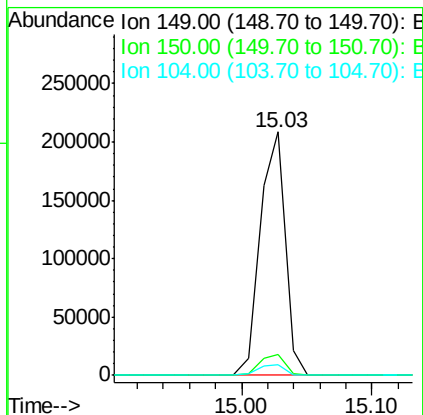
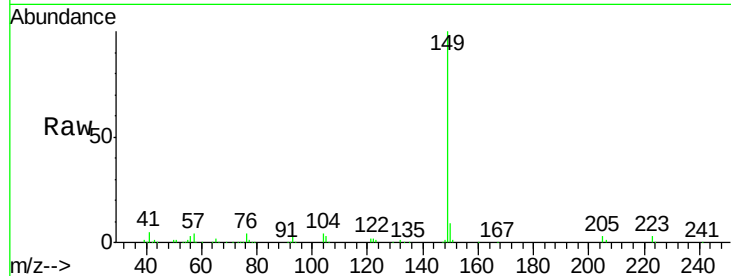
ClientSampleId :

SB-77DMSD

Tot Ion:	149	Resp:	279254
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.1	10.7
104	4.2	3.8	5.6

Manual Integrations
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#74

Fluoranthene

Concen: 43.34 ng

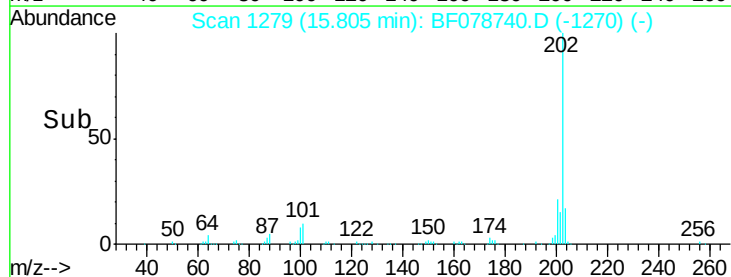
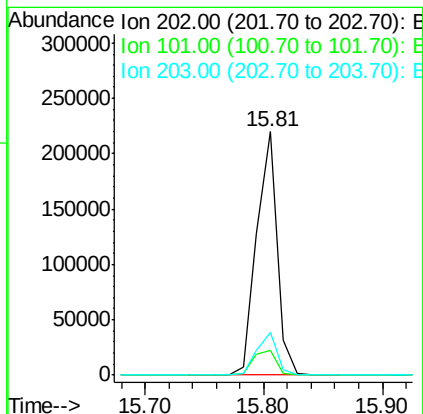
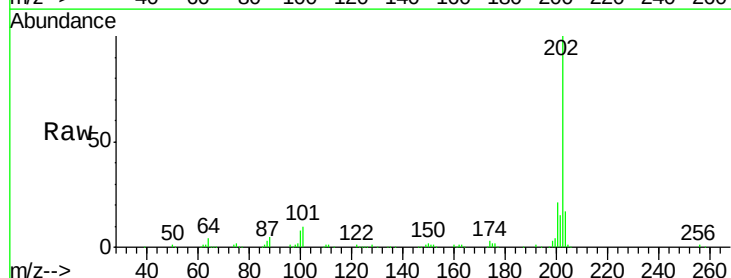
RT: 15.81 min Scan# 1279

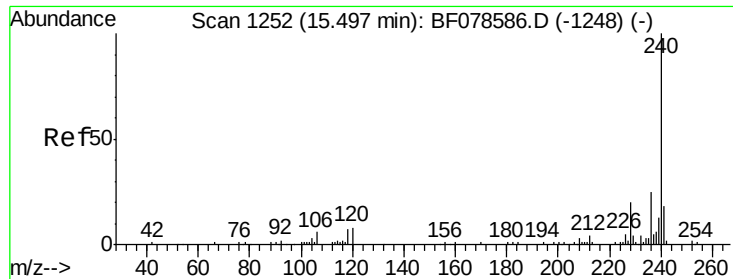
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	202	Resp:	267928
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	35.2
203	17.4	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

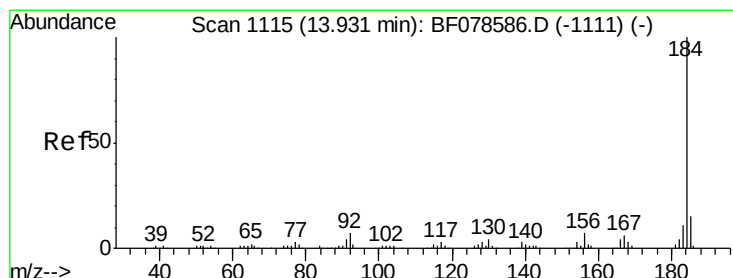
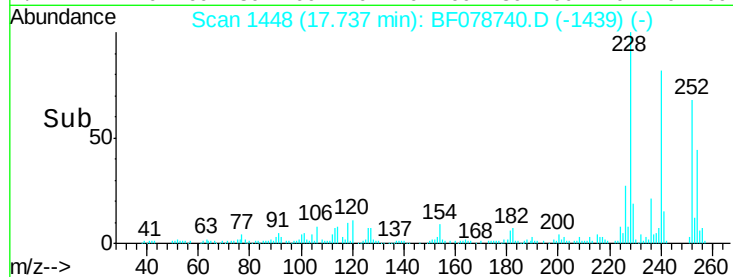
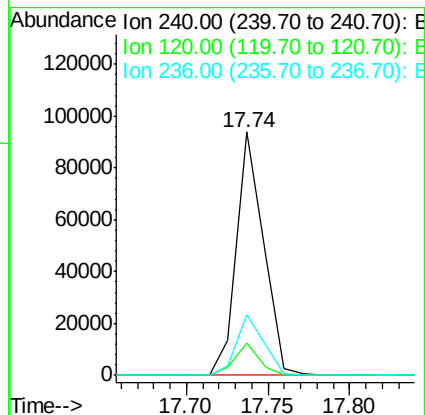
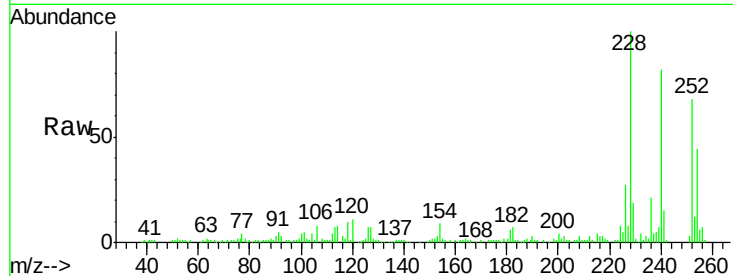
ClientSampleId :

SB-77DMSD

Tot Ion:	240	Resp:	107277
Ion Ratio	Lower	Upper	
240	100		
120	13.3	7.1	10.7#
236	25.1	21.4	32.2

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#76

Benzidine

Concen: 35.12 ng

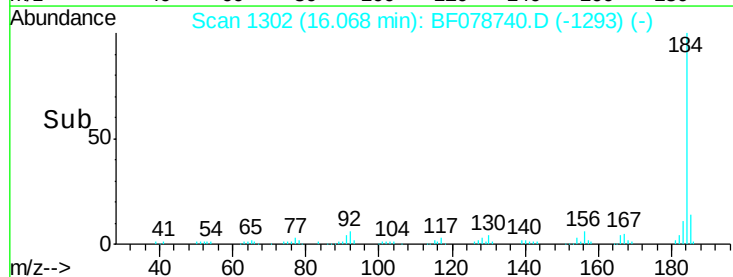
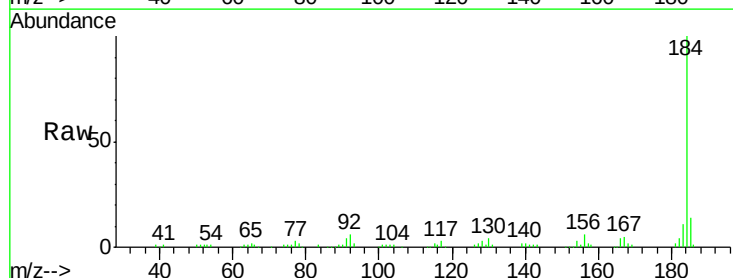
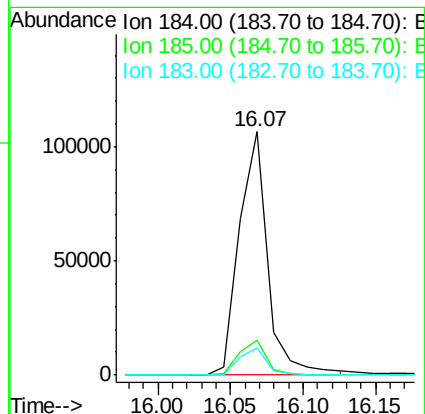
RT: 16.07 min Scan# 1302

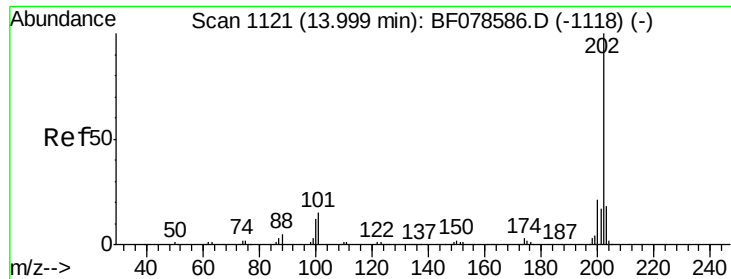
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	184	Resp:	145069
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	11.3	9.5	14.3





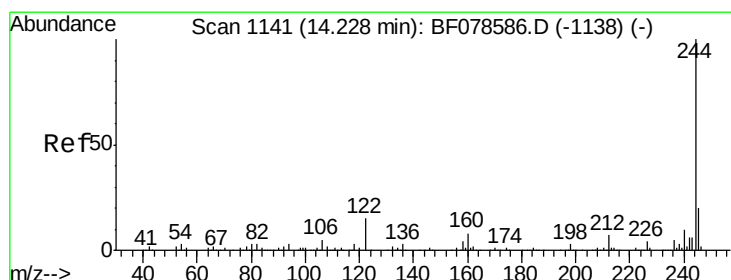
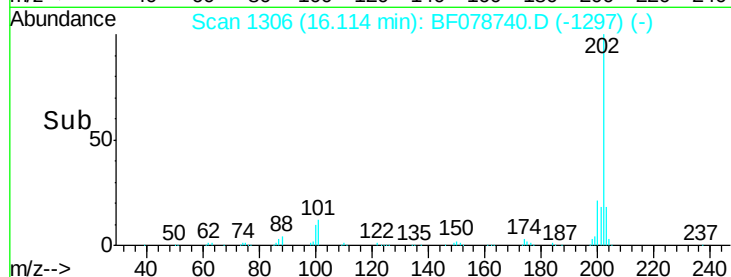
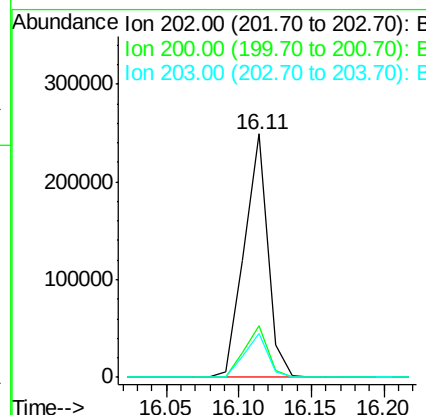
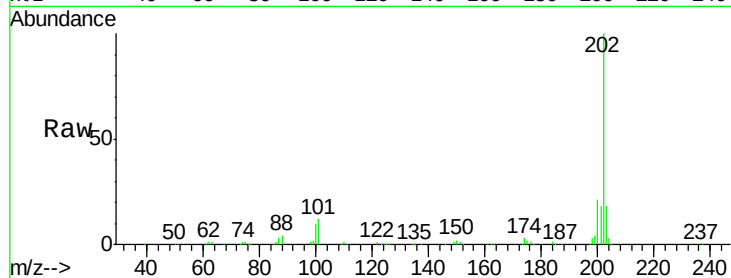
#77
Pvrene
Concen: 41.78 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	16.3	24.5
203	18.3	13.8	20.6

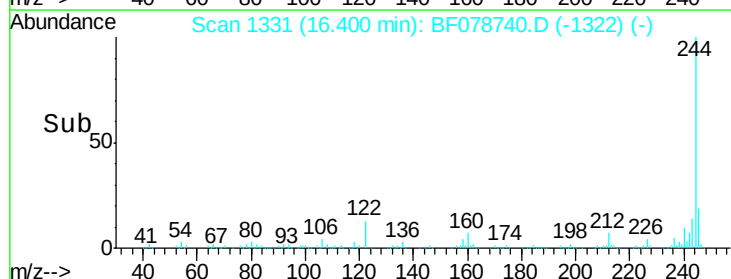
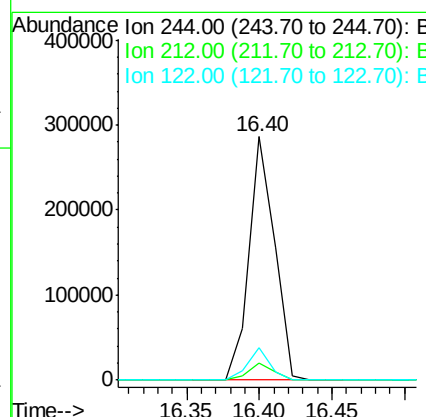
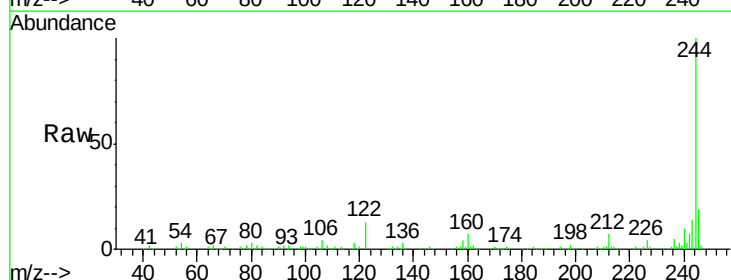
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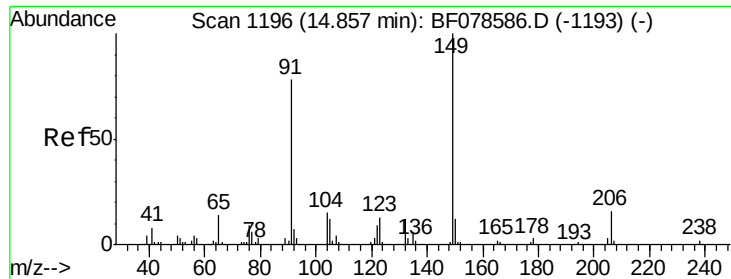
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#78
Terphenyl-d14
Concen: 73.55 ng
RT: 16.40 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.0	7.4
122	13.2	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 48.03 ng

RT: 17.11 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

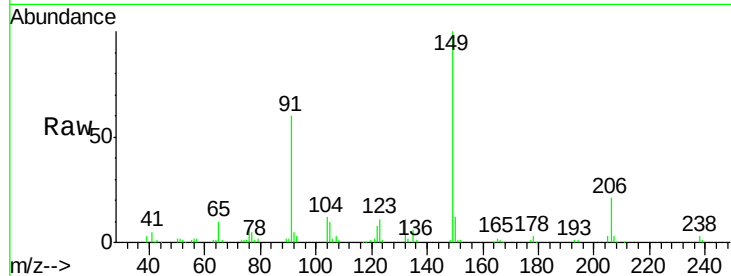
ClientSampled :

SB-77DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		123270		
91	60.2	64.2	96.2#		
206	20.7	12.6	18.8#		

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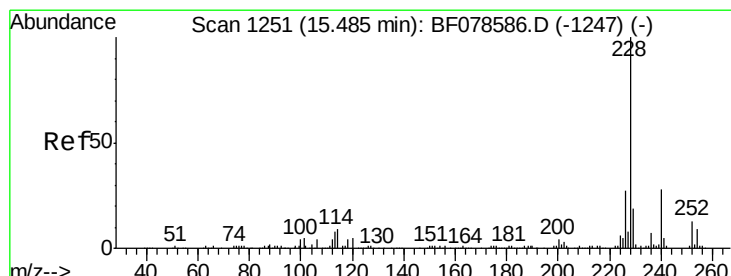
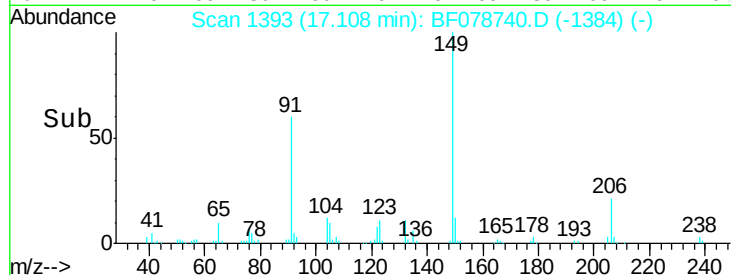
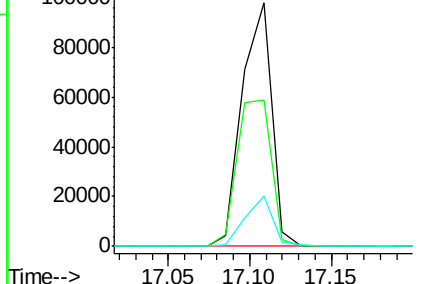
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.64 ng

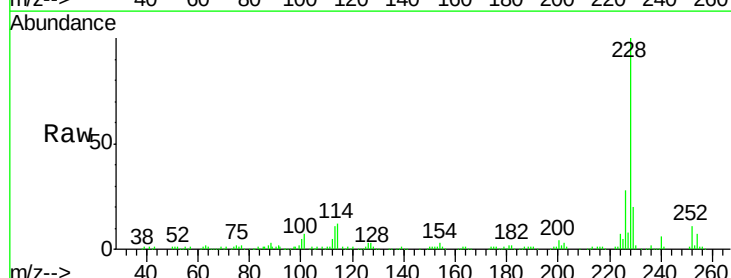
RT: 17.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

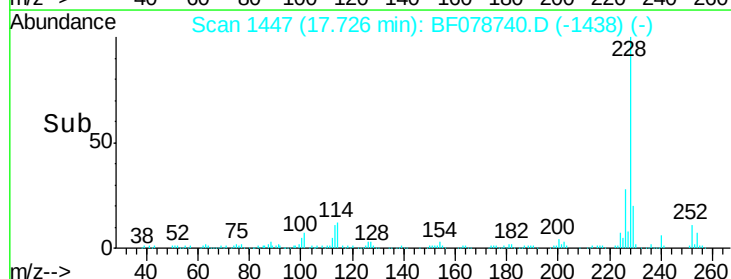
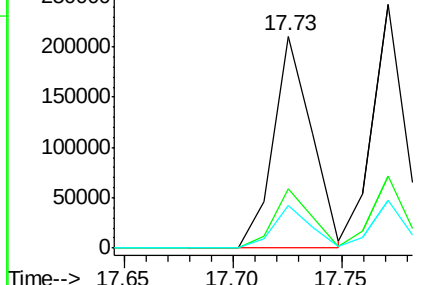
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		259386		
226	27.8	21.3	31.9		
229	20.1	15.4	23.2		

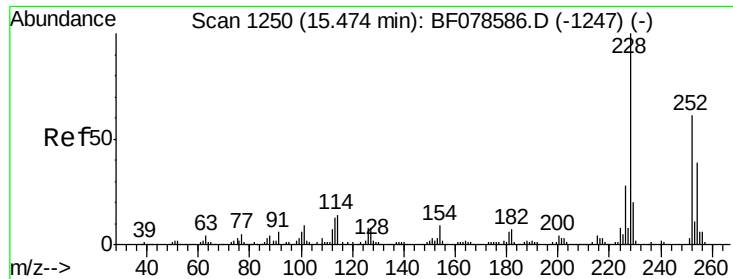


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 37.29 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

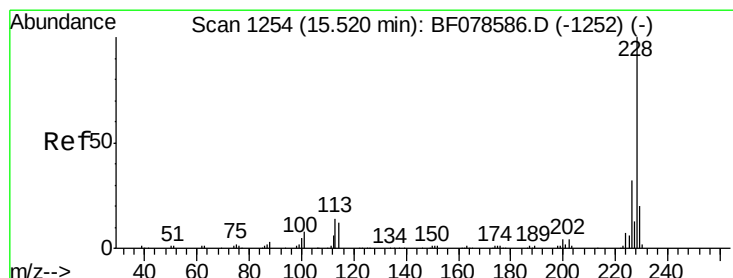
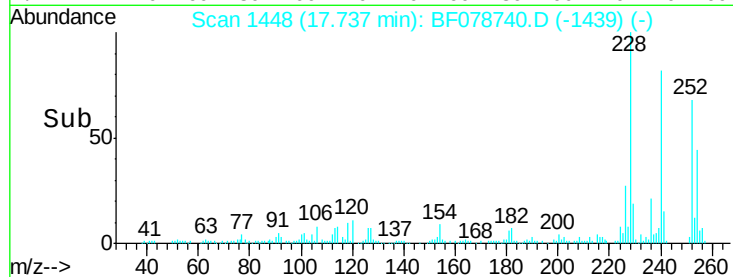
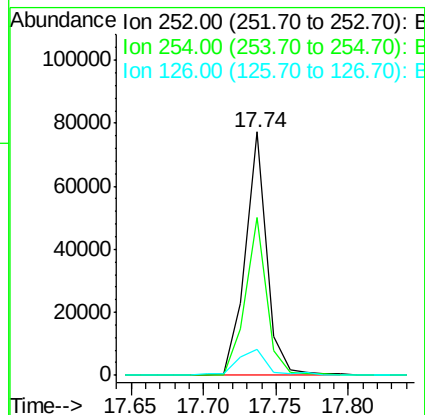
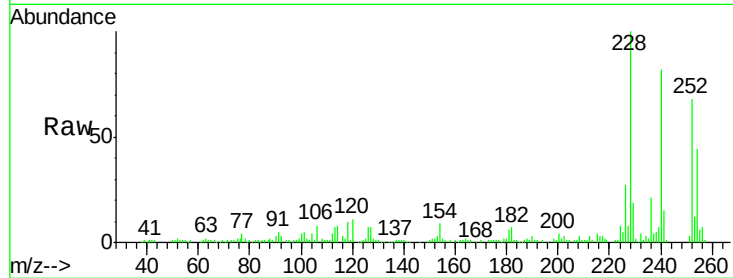
ClientSampled :

SB-77DMSD

Tot Ion:	252	Resp:	79710
Ion Ratio	Lower	Upper	
252	100		
254	65.0	51.2	76.8
126	10.6	6.3	9.5#

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#82

Chrysene

Concen: 41.71 ng

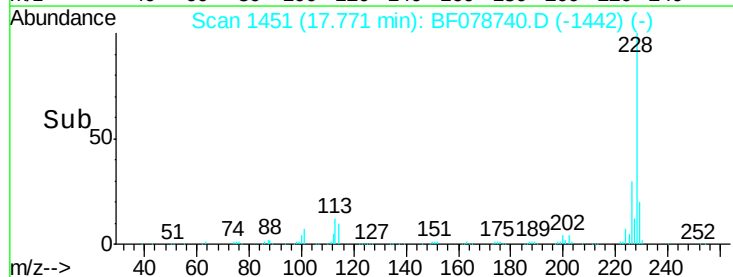
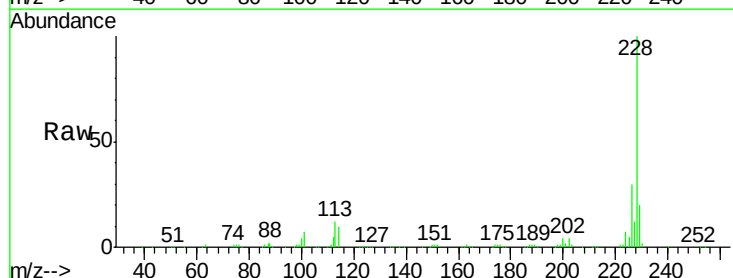
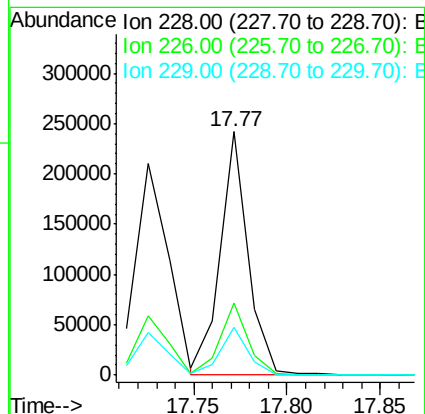
RT: 17.77 min Scan# 1451

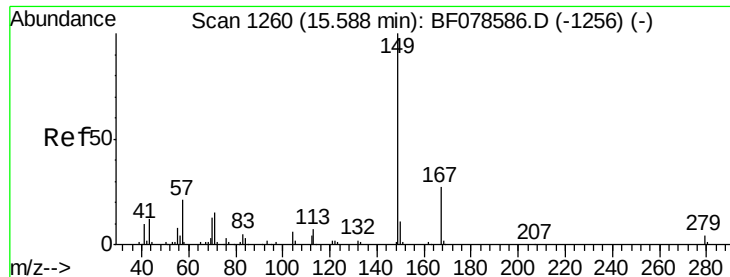
Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	228	Resp:	250138
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	19.6	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.17 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Instrument :

BNA_F

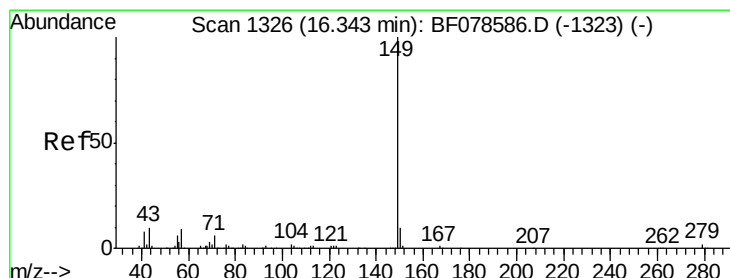
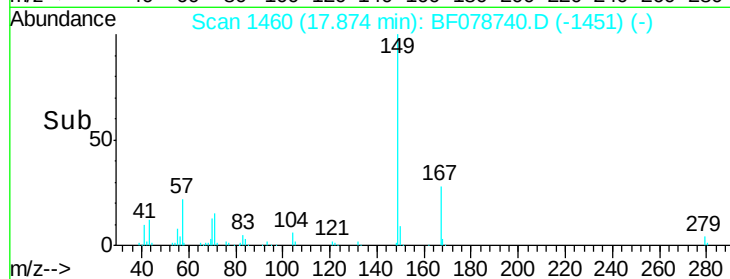
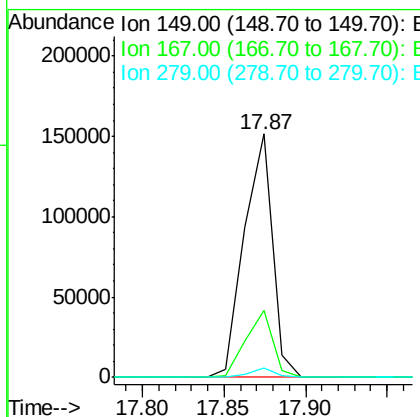
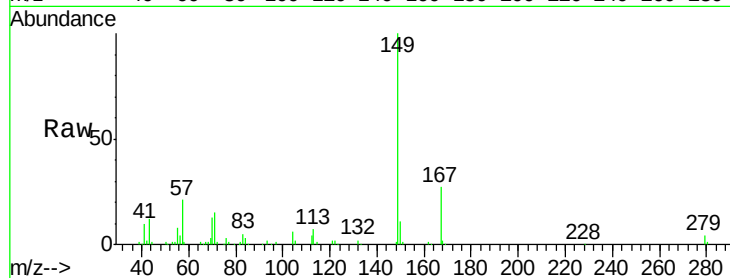
ClientSampleId :

SB-77DMSD

Tot Ion:	149	Resp:	181848
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.2	33.2
279	3.9	3.2	4.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.96 ng

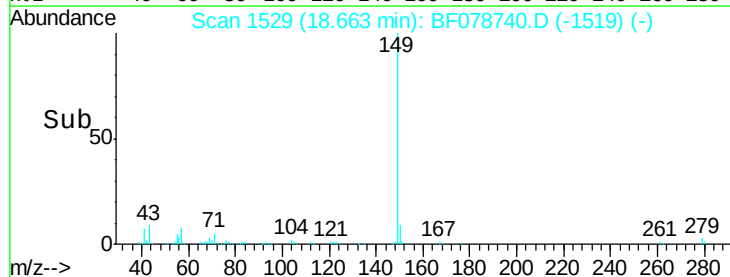
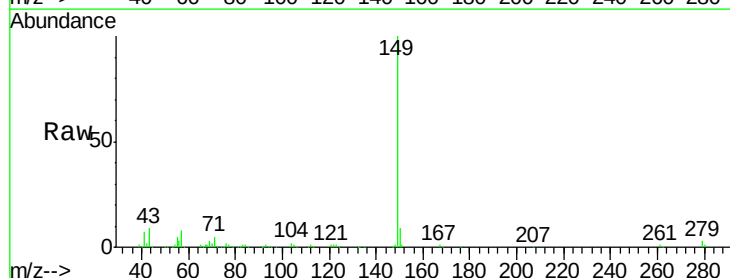
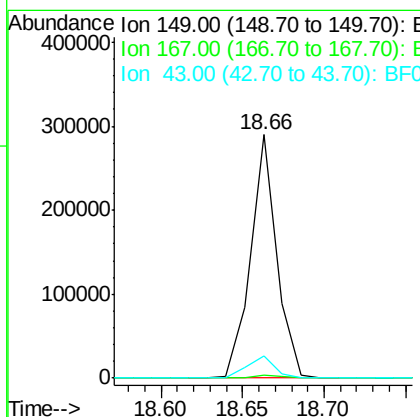
RT: 18.66 min Scan# 1529

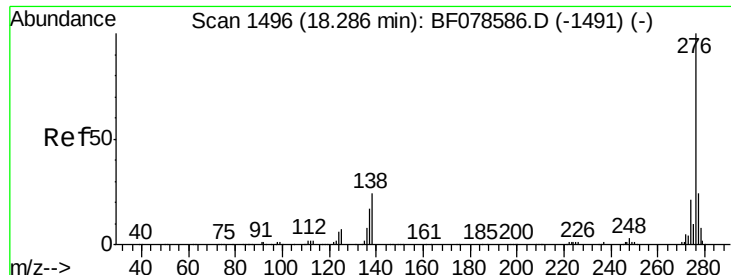
Delta R.T. 0.01 min

Lab File: BF078740.D

Acq: 23 Apr 2015 6:08

Tgt Ion:	149	Resp:	323621
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.1	0.0	0.0#





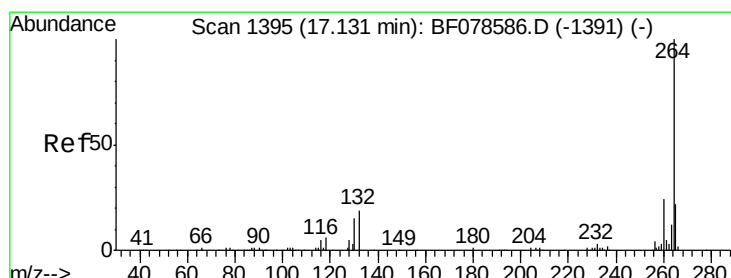
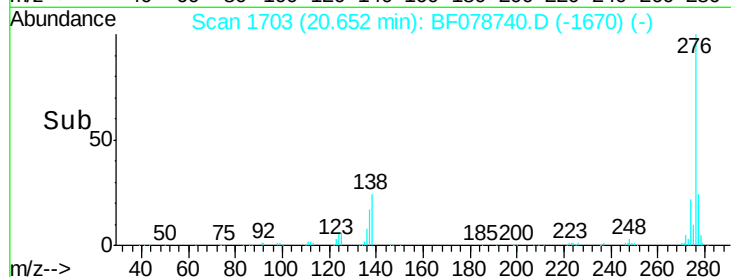
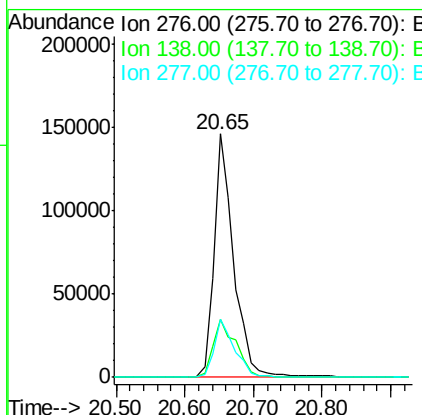
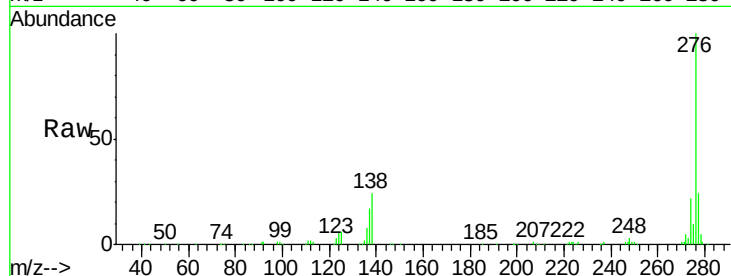
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.30 ng
 RT: 20.65 min Scan# 1703
 Delta R.T. 0.08 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.2	16.9	25.3#
277	24.9	15.8	23.6#

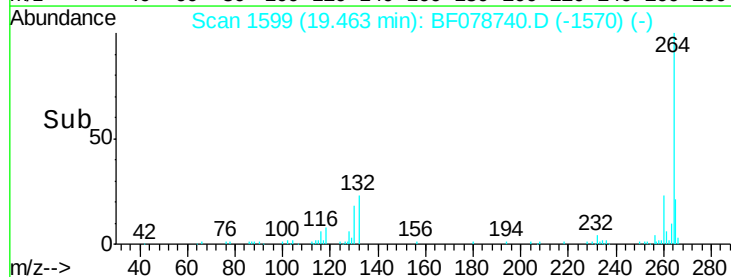
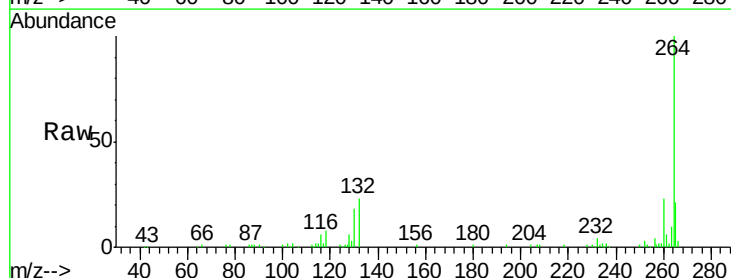
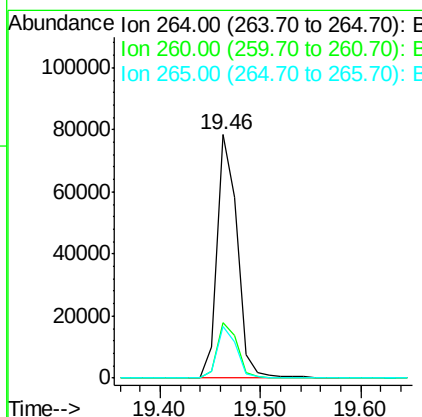
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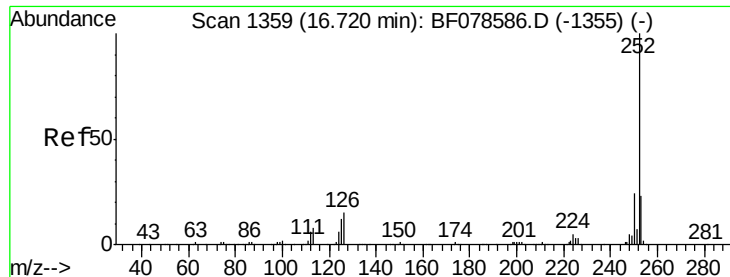
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. 0.03 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.2	17.0	25.6





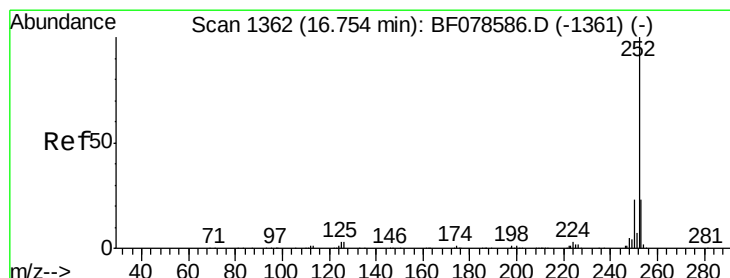
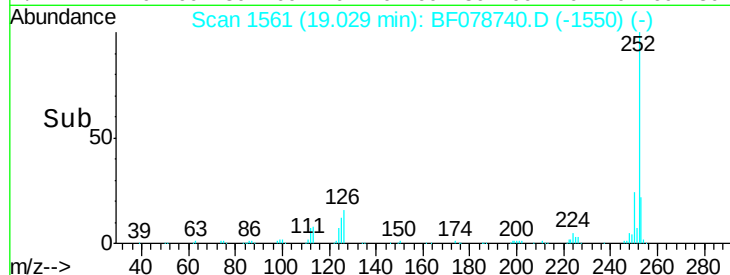
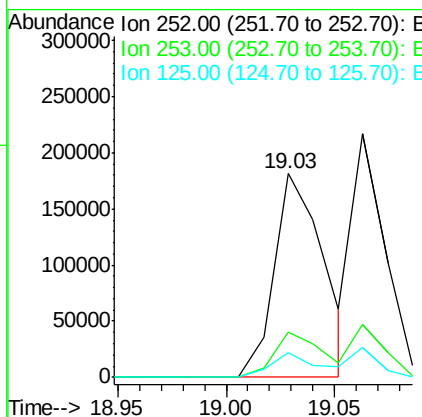
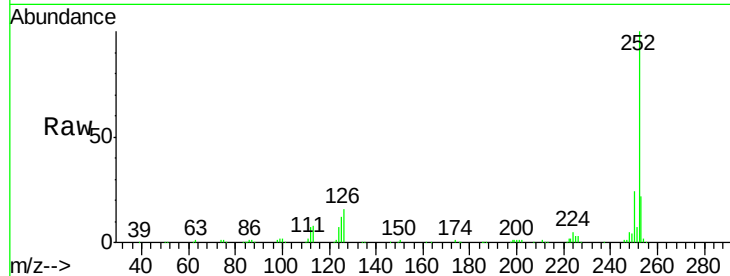
#87
Benzo(b)fluoranthene
Concen: 42.49 ng
RT: 19.03 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.9	7.0	10.4

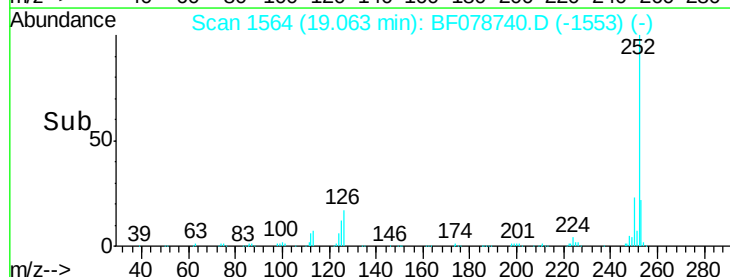
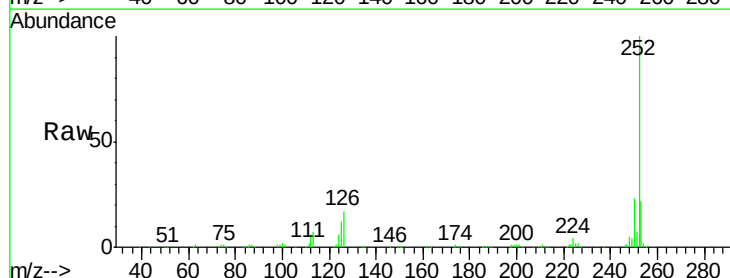
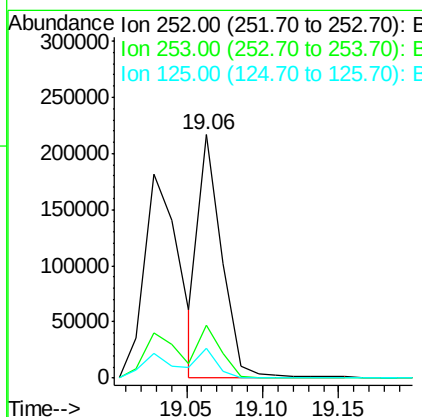
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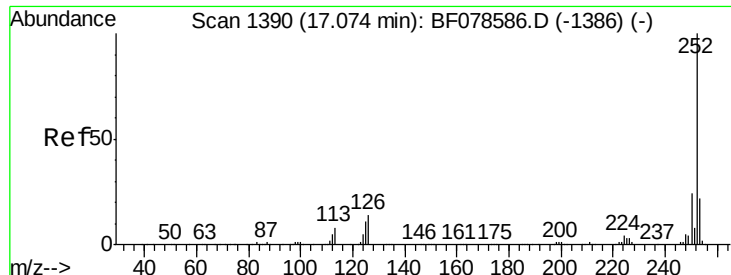
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#88
Benzo(k)fluoranthene
Concen: 38.99 ng m
RT: 19.06 min Scan# 1564
Delta R.T. 0.02 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	12.0	11.6	17.4





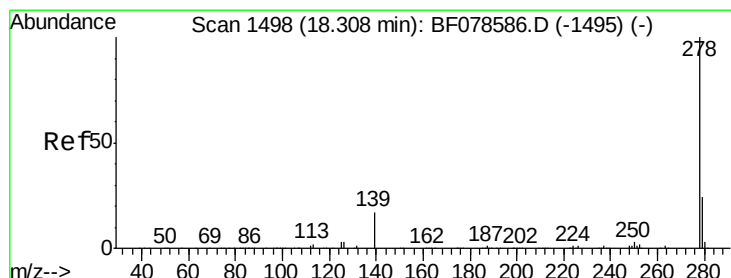
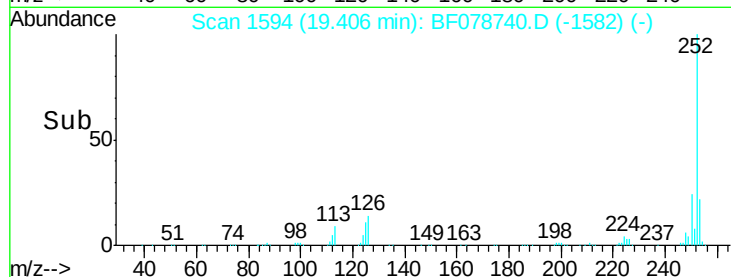
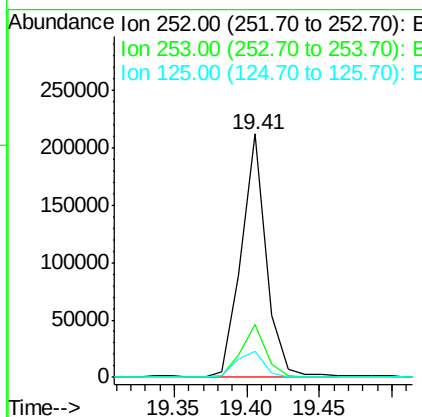
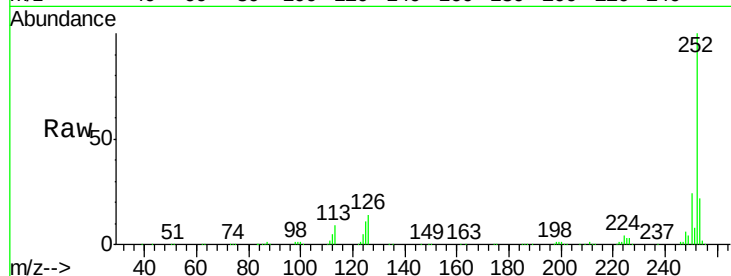
#89
Benzo(a)pyrene
Concen: 43.20 ng
RT: 19.41 min Scan# 1594
Delta R.T. 0.03 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	10.7	7.4	11.0

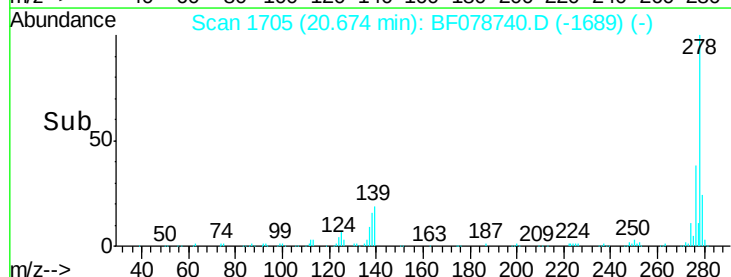
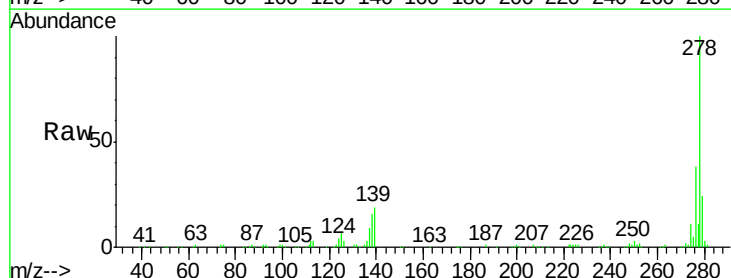
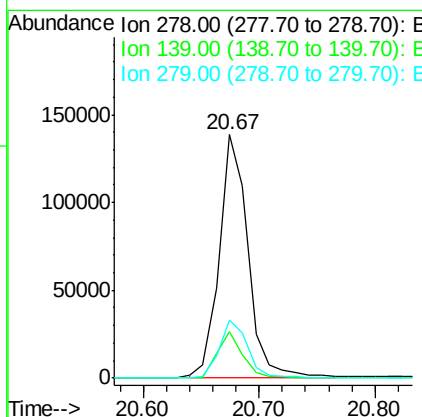
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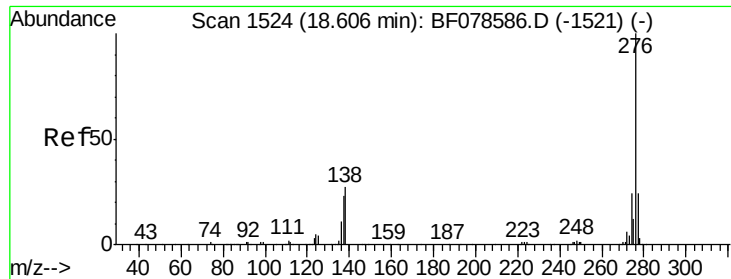
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#90
Dibenzo(a,h)anthracene
Concen: 40.84 ng m
RT: 20.67 min Scan# 1705
Delta R.T. 0.08 min
Lab File: BF078740.D
Acq: 23 Apr 2015 6:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.6	20.4
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.39 ng/ml
 RT: 20.97 min Scan# 1731
 Delta R.T. 0.09 min
 Lab File: BF078740.D
 Acq: 23 Apr 2015 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-77DMSD

Tot Ion:	276	Resp:	244716
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	20.1	19.9	29.9

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