

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077073.D
 Acq On : 27 Jan 2015 4:49
 Operator : TP/IZ
 Sample : G1159-05MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Manual Integrations
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 1/28/2015 5:42:09 PM

Quant Time: Jan 27 06:15:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 01:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	23996	20.00	ng	0.01
21) Naphthalene-d8	10.68	136	105507	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	52256	20.00	ng	0.01
63) Phenanthrene-d10	17.64	188	95414	20.00	ng	0.00
75) Chrysene-d12	21.15	240	89383	20.00	ng	0.00
86) Perylene-d12	22.79	264	74965	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	190486	130.52	ng	0.01
7) Phenol-d6	7.18	99	239780	130.24	ng	0.01
23) Nitrobenzene-d5	9.08	82	148730	78.10	ng	0.01
41) 2,4,6-Tribromophenol	16.53	330	59720	140.79	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	275030	80.09	ng	0.01
78) Terphenyl-d14	19.88	244	264277	68.07	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.17	88	17386	27.82	ng	95
3) Pyridine	1.61	79	58816	36.37	ng	98
4) n-Nitrosodimethylamine	1.58	42	31297	39.07	ng	98
6) Aniline	7.05	93	43323	17.00	ng	97
8) 2-Chlorophenol	7.30	128	69714	41.43	ng	97
9) Benzaldehyde	6.77	77	10813	8.60	ng	95
10) Phenol	7.21	94	88204	45.12	ng	95
11) bis(2-Chloroethyl)ether	7.32	93	65575	42.87	ng	# 78
12) 1,3-Dichlorobenzene	7.61	146	74947	39.15	ng	97
13) 1,4-Dichlorobenzene	7.81	146	76382	37.63	ng	96
14) 1,2-Dichlorobenzene	8.13	146	72703	38.87	ng	98
15) Benzyl Alcohol	8.21	79	60810	40.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	83530	40.62	ng	92
17) 2-Methylphenol	8.56	107	54360	39.53	ng	# 90
18) Hexachloroethane	8.87	117	27901	39.52	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	51623	40.06	ng	99
20) 3+4-Methylphenols	8.95	107	71523	39.28	ng	94
22) Acetophenone	8.76	105	104059	40.27	ng	100
24) Nitrobenzene	9.11	77	73962	38.12	ng	98
25) Isophorone	9.72	82	136885	39.47	ng	98
26) 2-Nitrophenol	9.85	139	35965	36.64	ng	91
27) 2,4-Dimethylphenol	10.14	122	61959	41.30	ng	98
28) bis(2-Chloroethoxy)methane	10.34	93	82226	41.71	ng	98
29) 2,4-Dichlorophenol	10.46	162	57556	41.16	ng	93
30) 1,2,4-Trichlorobenzene	10.60	180	61137	39.37	ng	97
31) Naphthalene	10.73	128	213479	39.30	ng	99
32) Benzoic acid	10.45	122	4412	5.31	ng	95
33) 4-Chloroaniline	10.97	127	38753	17.66	ng	98
34) Hexachlorobutadiene	11.10	225	35797	38.85	ng	97
35) Caprolactam	11.82	113	14792	35.93	ng	93
36) 4-Chloro-3-methylphenol	12.29	107	64621	40.36	ng	96
37) 2-Methylnaphthalene	12.38	142	148009	39.90	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	57443	44.46	ng	98
40) Hexachlorocyclopentadiene	12.78	237	36238	53.70	ng	98

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 1/28/2015 5:42:09 PM

Quant Time: Jan 27 06:15:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 01:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	39493	41.95	ng	90
43) 2,4,5-Trichlorophenol	13.24	196	42165	43.92	ng #	95
45) 1,1'-Biphenyl	13.53	154	166621	43.01	ng	97
46) 2-Chloronaphthalene	13.51	162	137086	43.00	ng	98
47) 2-Nitroaniline	13.85	65	44317	45.83	ng	94
48) Acenaphthylene	14.46	152	223064	41.48	ng	99
49) Dimethylphthalate	14.41	163	175851	47.45	ng	98
50) 2,6-Dinitrotoluene	14.51	165	32424	43.79	ng	87
51) Acenaphthene	14.88	154	125955	41.28	ng	96
52) 3-Nitroaniline	14.85	138	29968	31.64	ng	94
53) 2,4-Dinitrophenol	15.15	184	9217	34.38	ng	91
54) Dibenzofuran	15.32	168	195921	44.08	ng	98
55) 4-Nitrophenol	15.47	139	48729	83.88	ng	94
56) 2,4-Dinitrotoluene	15.44	165	46448	42.12	ng	93
57) Fluorene	16.06	166	163109	43.32	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	34696	49.63	ng #	98
59) Diethylphthalate	16.06	149	171130	45.69	ng	98
60) 4-Chlorophenyl-phenylether	16.15	204	68530	44.48	ng	93
61) 4-Nitroaniline	16.21	138	31323	33.99	ng	97
62) Azobenzene	16.44	77	171946	44.06	ng	96
64) 4,6-Dinitro-2-methylphenol	16.28	198	14433	25.22	ng #	71
65) n-Nitrosodiphenylamine	16.40	169	134585	39.56	ng	97
66) 4-Bromophenyl-phenylether	17.01	248	40731	42.14	ng	87
67) Hexachlorobenzene	17.03	284	39298	38.58	ng #	87
68) Atrazine	17.39	200	48300	46.78	ng	94
69) Pentachlorophenol	17.40	266	37173	79.59	ng	98
70) Phenanthrene	17.67	178	242549	40.76	ng	99
71) Anthracene	17.75	178	235184	40.53	ng	97
72) Carbazole	18.04	167	219985	39.09	ng	100
73) Di-n-butylphthalate	18.63	149	282903	43.43	ng #	98
74) Fluoranthene	19.33	202	276372	45.33	ng	97
76) Benzidine	19.57	184	144131	50.39	ng	97
77) Pyrene	19.60	202	271591	44.34	ng	99
79) Butylbenzylphthalate	20.54	149	123181	44.40	ng #	83
80) Benzo(a)anthracene	21.13	228	237250	42.31	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	64624	36.26	ng	98
82) Chrysene	21.18	228	218415	42.71	ng	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	182906	47.65	ng #	99
84) Di-n-octyl phthalate	22.05	149	309785	46.50	ng #	97
85) Indeno(1,2,3-cd)pyrene	23.90	276	206248	38.05	ng #	85
87) Benzo(b)fluoranthene	22.39	252	223682	44.30	ng #	96
88) Benzo(k)fluoranthene	22.41	252	182787m	41.44	ng	
89) Benzo(a)pyrene	22.73	252	198445	44.56	ng #	97
90) Dibenzo(a,h)anthracene	23.92	278	164195	40.18	ng #	94
91) Benzo(g,h,i)perylene	24.19	276	174918	43.06	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

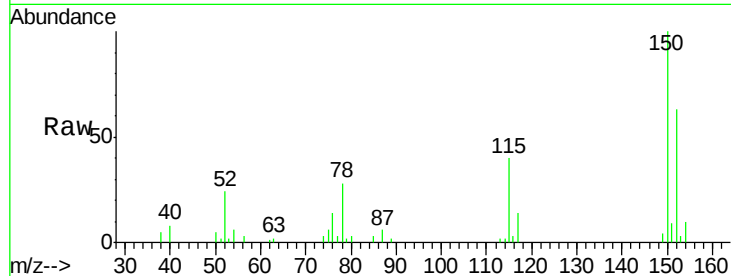
ClientSampleId :

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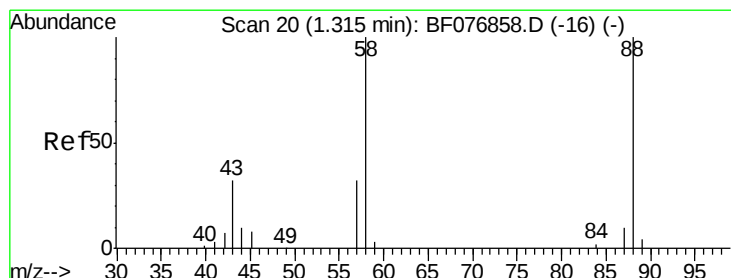
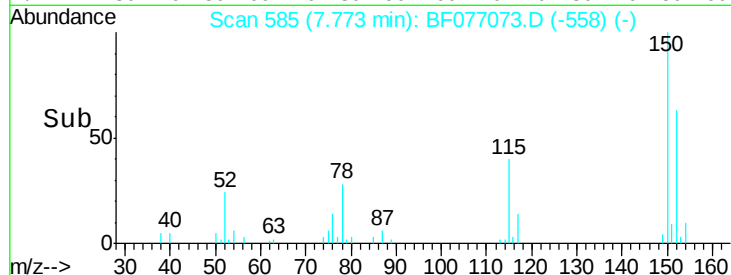
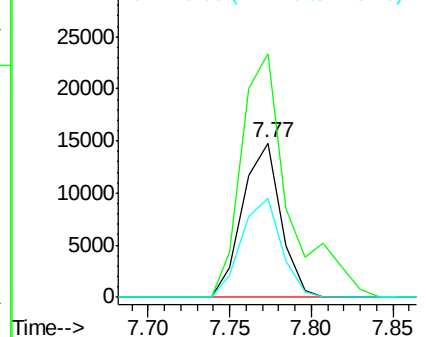
Tgt Ion:	152	Resp:	23996
Ion Ratio	Lower	Upper	
152	100		
150	158.1	121.7	182.5
115	63.9	47.0	70.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.82 ng

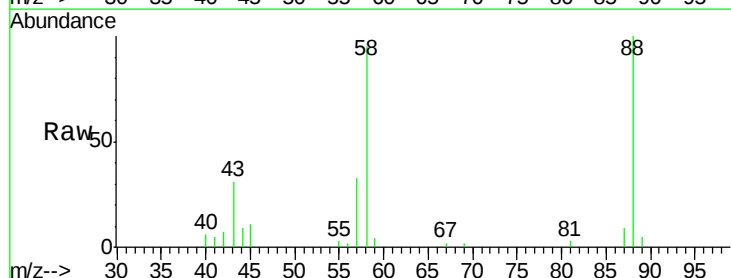
RT: 1.17 min Scan# 7

Delta R.T. 0.02 min

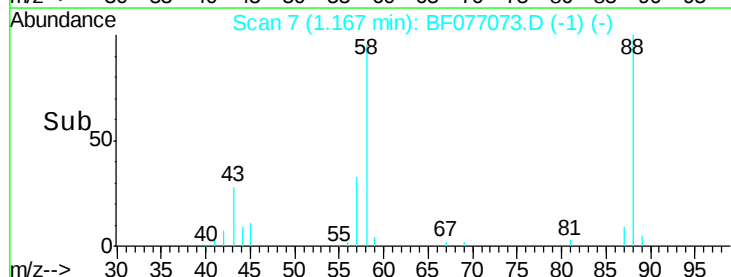
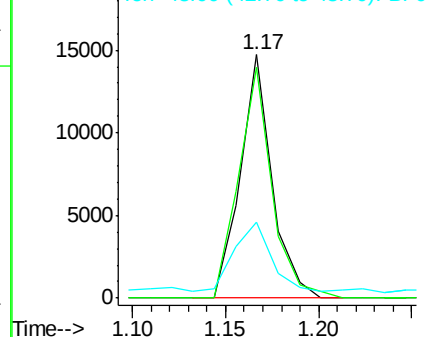
Lab File: BF077073.D

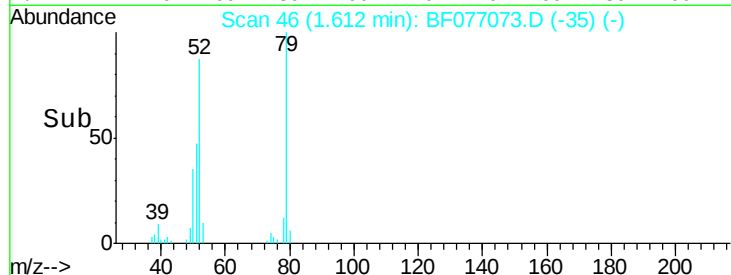
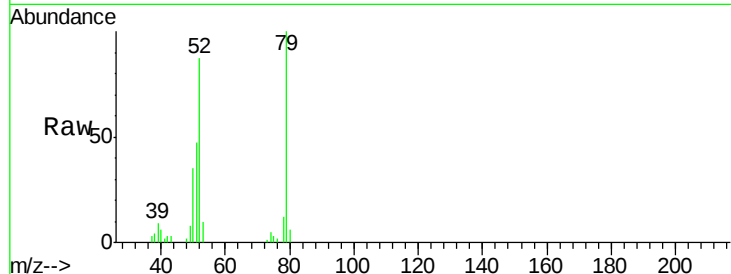
Acq: 27 Jan 2015 4:49

Tgt Ion:	88	Resp:	17386
Ion Ratio	Lower	Upper	
88	100		
58	100.6	77.0	115.4
43	36.6	25.6	38.4



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





#3

Pyridine

Concen: 36.37 ng

RT: 1.61 min Scan# 46

Delta R.T. 0.02 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	79	Resp:	58816
Ion	Ratio	Lower	Upper
79	100		
52	86.7	70.1	105.1
51	46.6	35.1	52.7

Instrument :

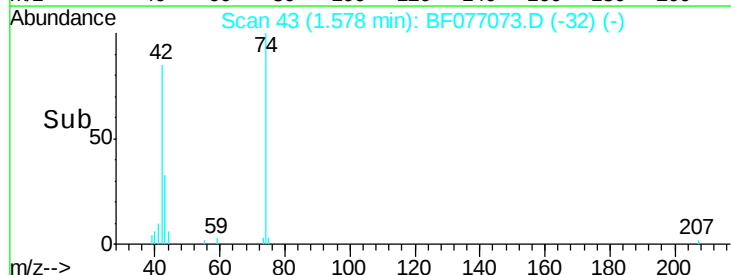
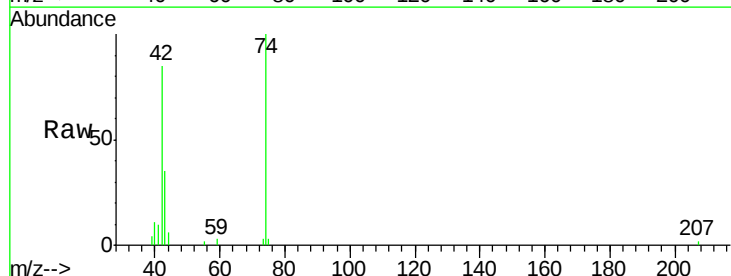
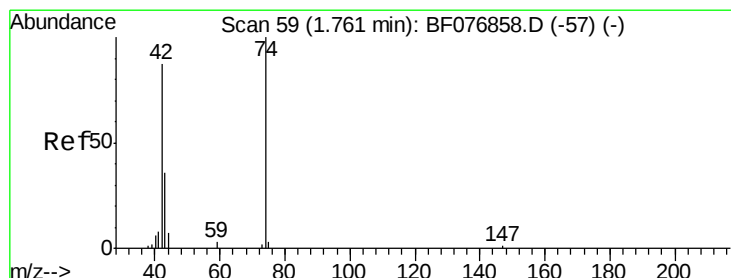
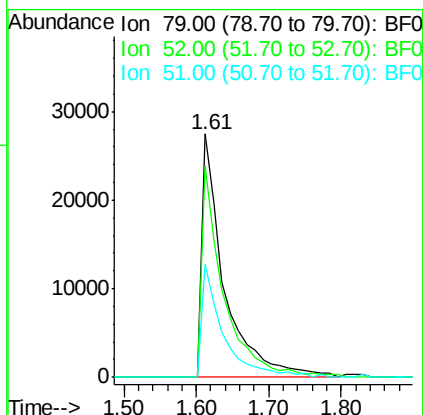
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ClientSampleId :

SB-84(17-19)MS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.07 ng

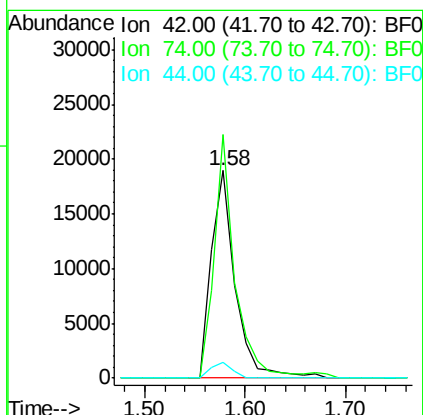
RT: 1.58 min Scan# 43

Delta R.T. 0.02 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	42	Resp:	31297
Ion	Ratio	Lower	Upper
42	100		
74	117.3	92.4	138.6
44	7.4	6.2	9.2





#5

2-Fluorophenol

Concen: 130.52 ng

RT: 4.80 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

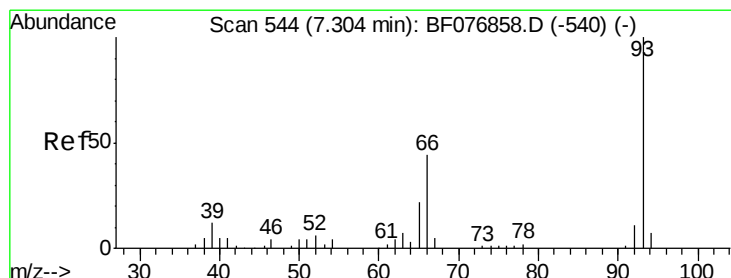
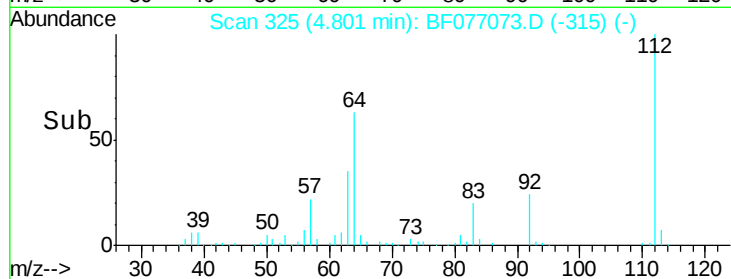
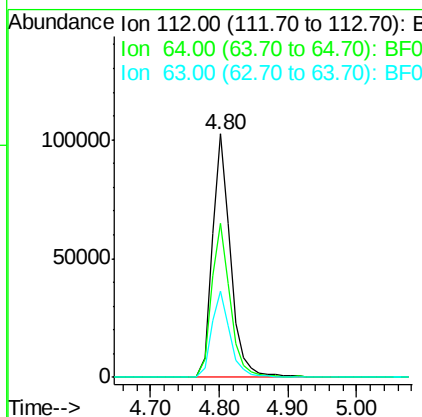
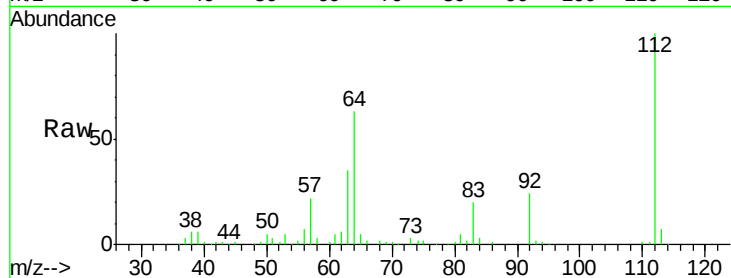
ClientSampleId :

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Tgt Ion:	112	Resp:	190486
Ion Ratio	Lower	Upper	
112	100		
64	63.4	54.2	81.4
63	35.5	28.4	42.6

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#6

Aniline

Concen: 17.00 ng

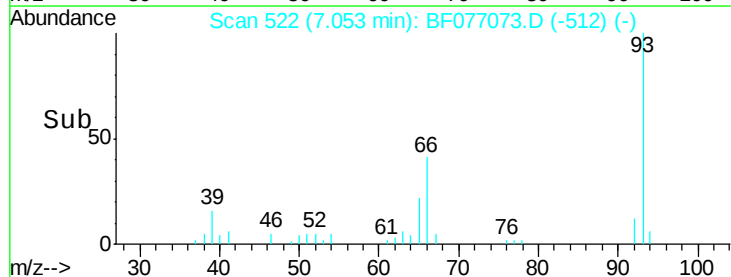
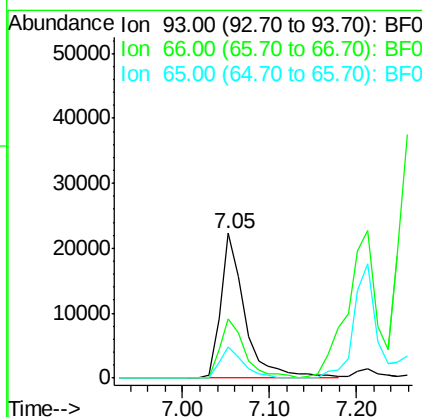
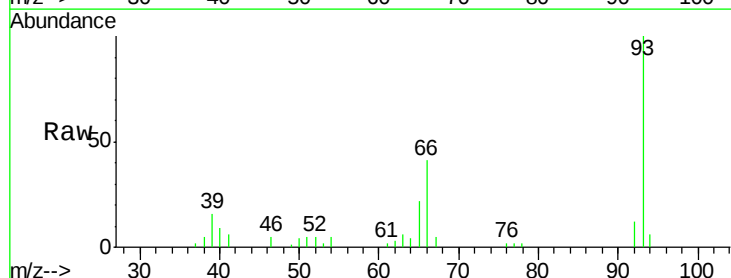
RT: 7.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	93	Resp:	43323
Ion Ratio	Lower	Upper	
93	100		
66	41.0	35.0	52.4
65	21.5	17.7	26.5





#7

Phenol-d6

Concen: 130.24 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

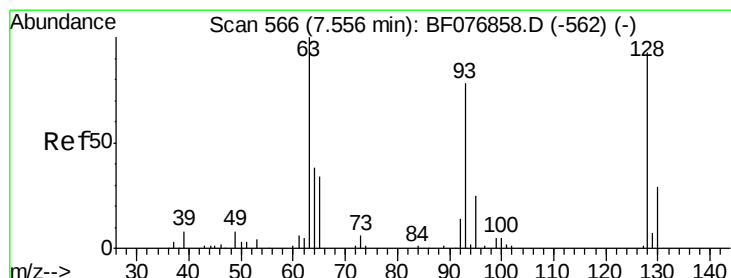
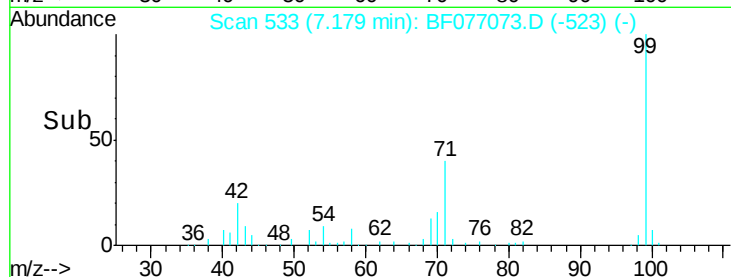
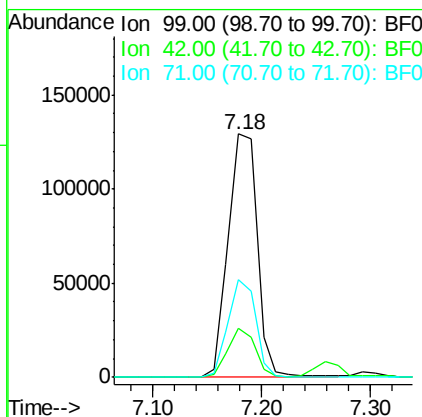
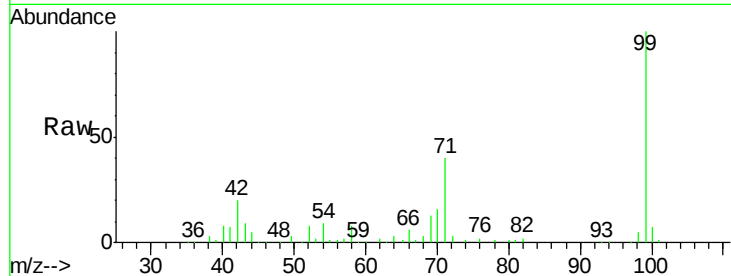
ClientSampleId :

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Tgt Ion:	99	Resp:	239780
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.0	22.4
71	39.9	30.5	45.7

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#8

2-Chlorophenol

Concen: 41.43 ng

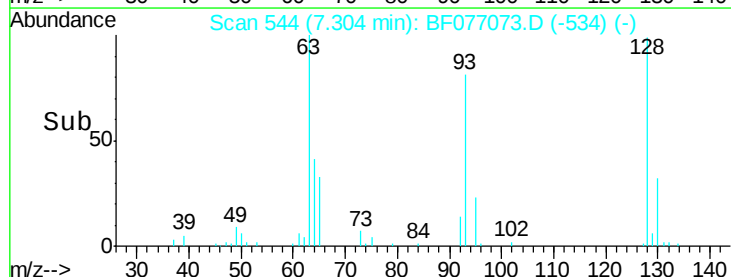
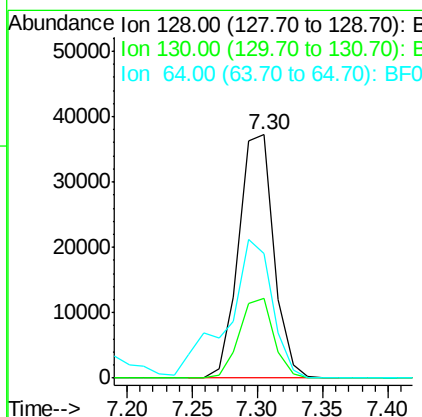
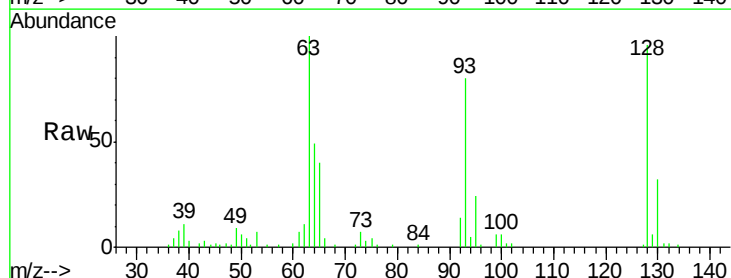
RT: 7.30 min Scan# 544

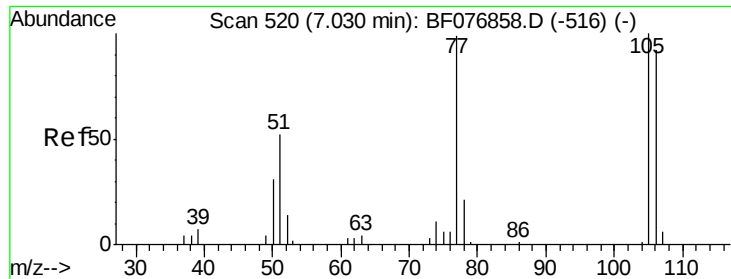
Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	128	Resp:	69714
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.0	51.0
64	51.1	29.3	69.3





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

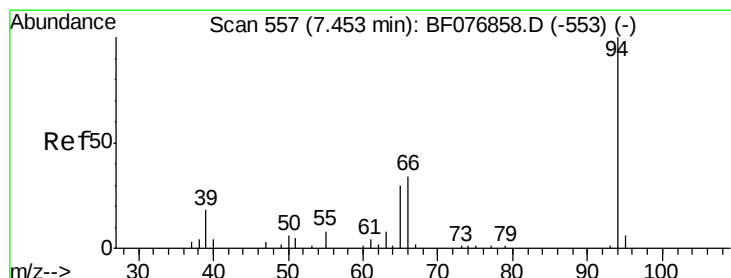
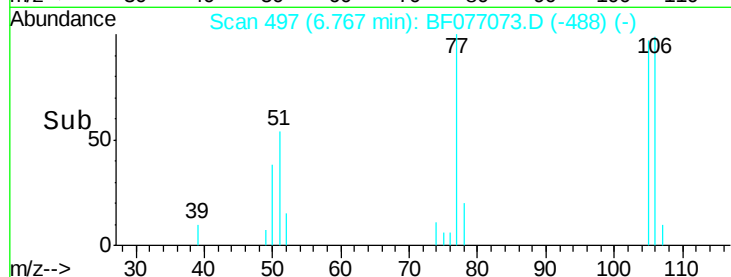
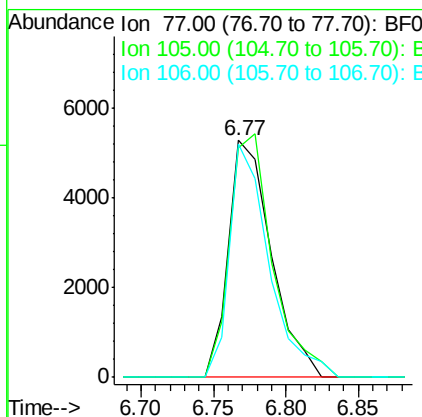
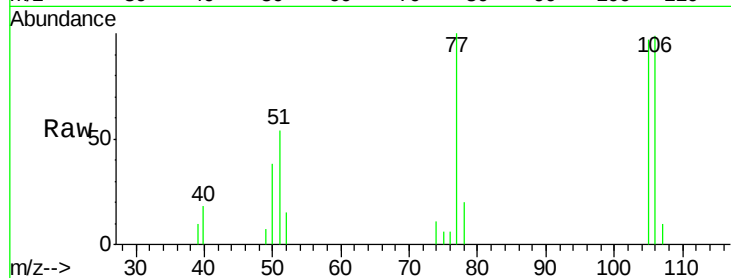
ClientSampleId :

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Tgt Ion:	77	Resp:	10813
Ion Ratio	Lower	Upper	
77	100		
105	97.2	81.4	121.4
106	98.7	72.8	112.8

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#10

Phenol

Concen: 45.12 ng

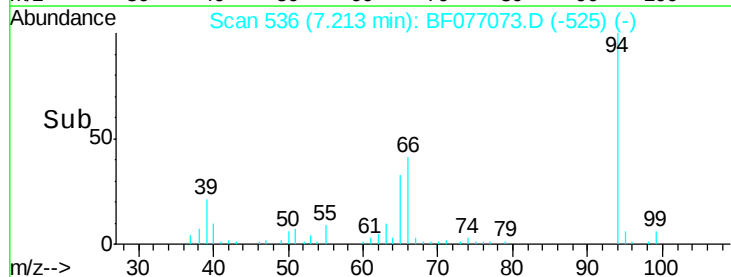
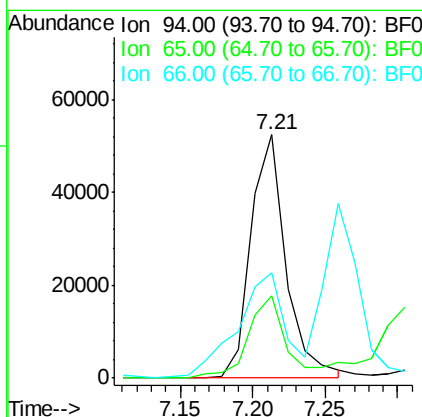
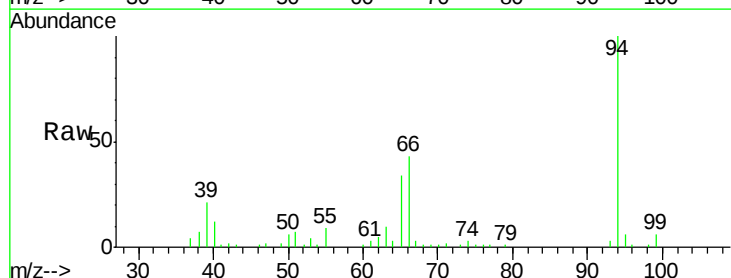
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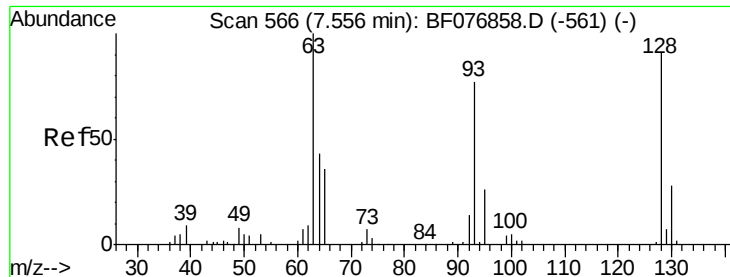
Delta R.T. 0.02 min

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Acq: 27 Jan 2015 4:49

Tgt Ion:	94	Resp:	88204
Ion Ratio	Lower	Upper	
94	100		
65	33.6	11.3	51.3
66	43.4	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 42.87 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

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Tgt Ion: 93 Resp: 65575
Ion Ratio Lower Upper

93 100

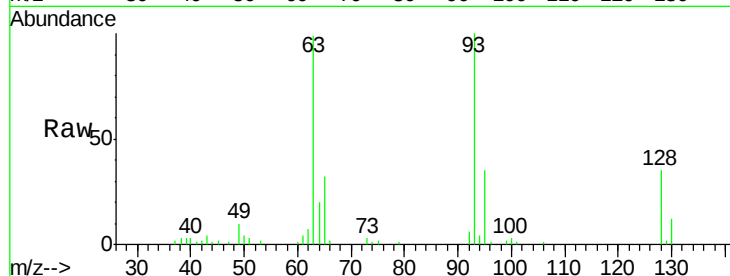
63 99.3 111.3 151.3#

95 35.3 13.8 53.8

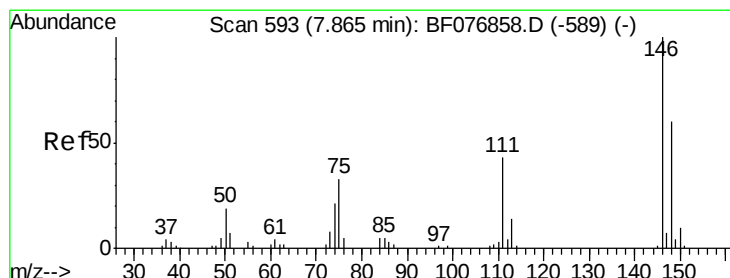
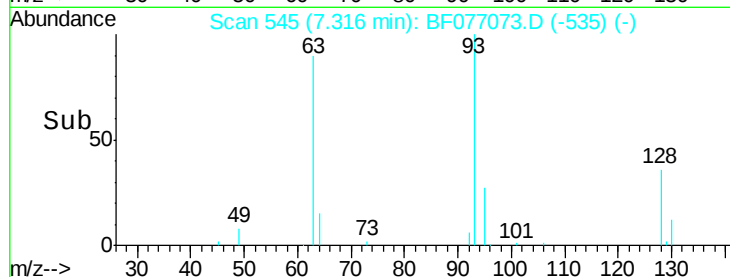
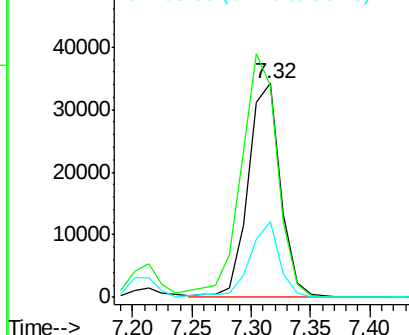
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Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.15 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF077073.D

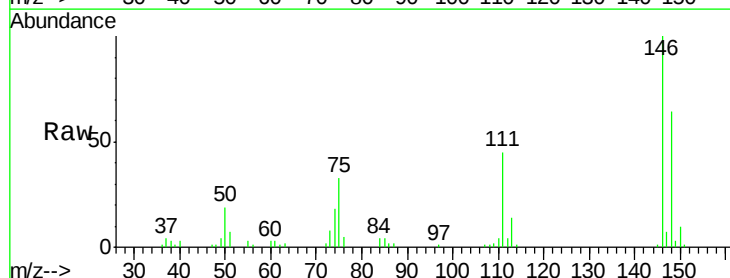
Acq: 27 Jan 2015 4:49

Tgt Ion: 146 Resp: 74947
Ion Ratio Lower Upper

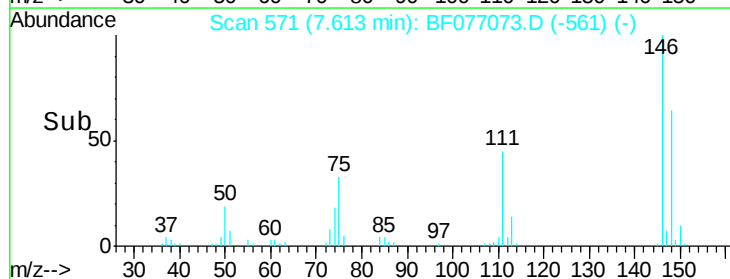
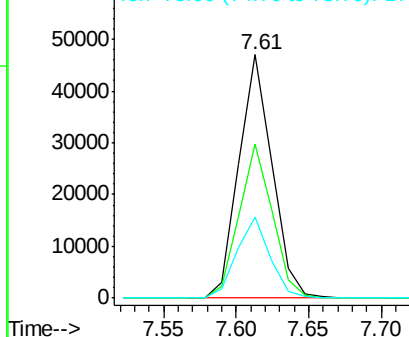
146 100

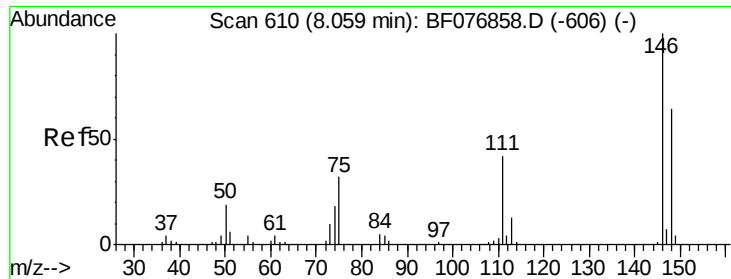
148 63.5 48.1 72.1

75 33.1 26.8 40.2



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





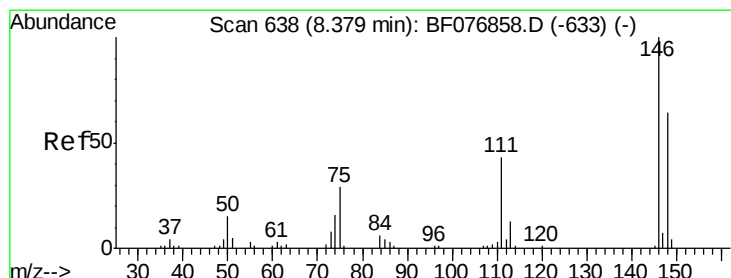
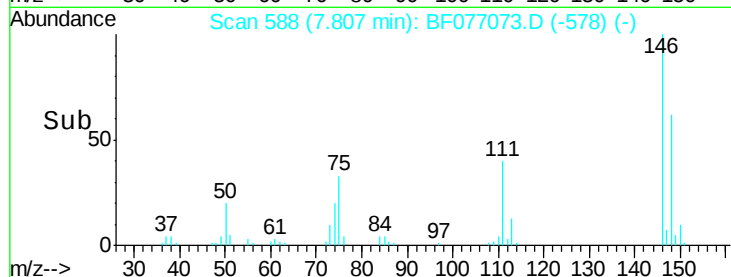
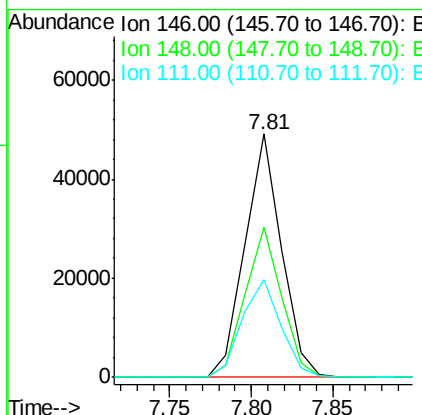
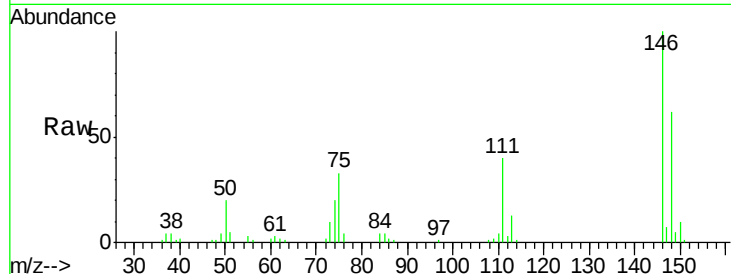
#13
 1,4-Dichlorobenzene
 Concen: 37.63 ng
 RT: 7.81 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.5	77.3
111	40.0	33.9	50.9

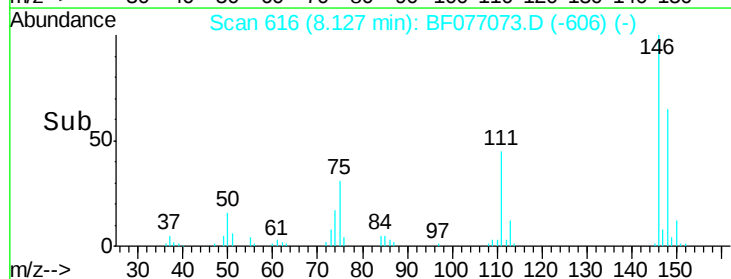
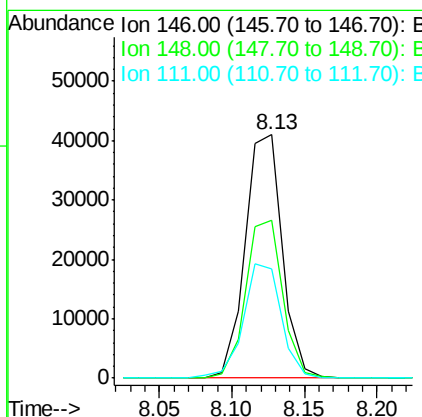
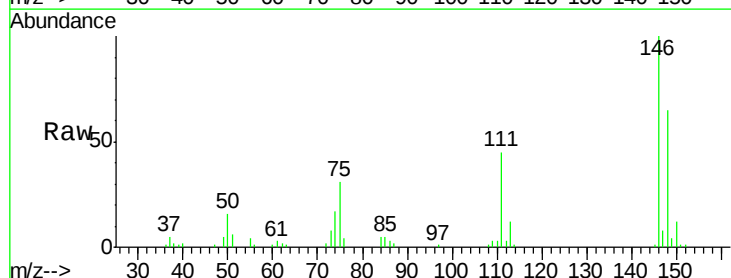
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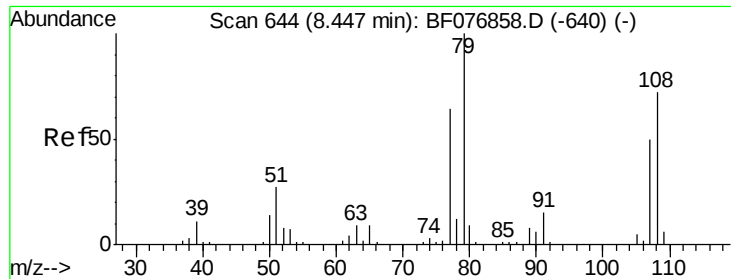
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#14
 1,2-Dichlorobenzene
 Concen: 38.87 ng
 RT: 8.13 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	45.0	34.5	51.7





#15

Benzyl Alcohol

Concen: 40.82 ng

RT: 8.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

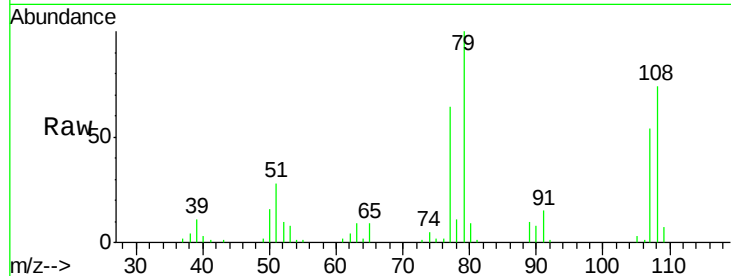
ClientSampleId :

SB-84(17-19)MS

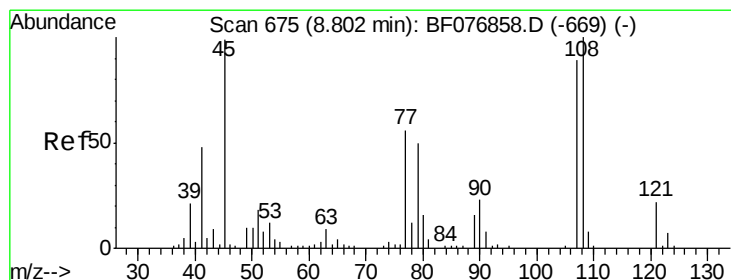
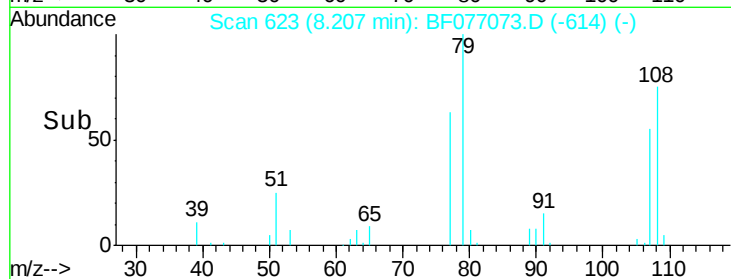
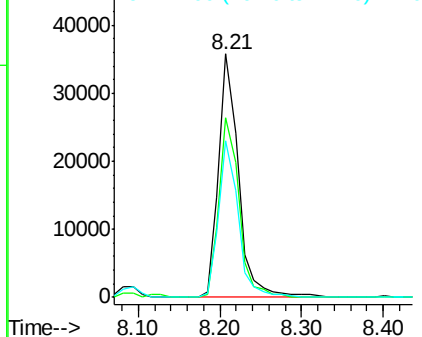
Tgt Ion:	79	Resp:	60810
Ion Ratio	Lower	Upper	
79	100		
108	74.0	57.2	85.8
77	64.3	51.2	76.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.62 ng

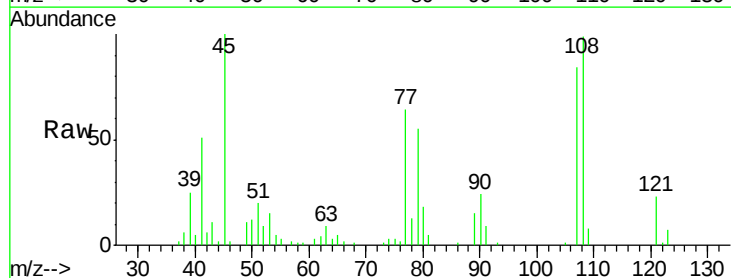
RT: 8.56 min Scan# 654

Delta R.T. -0.00 min

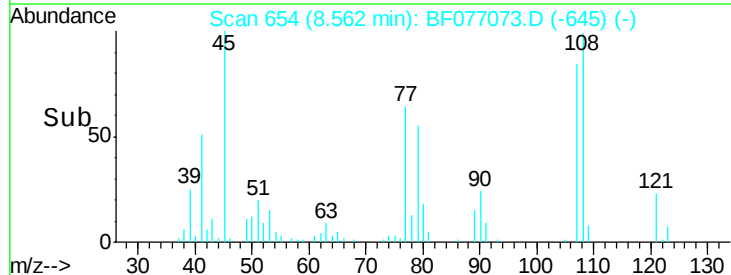
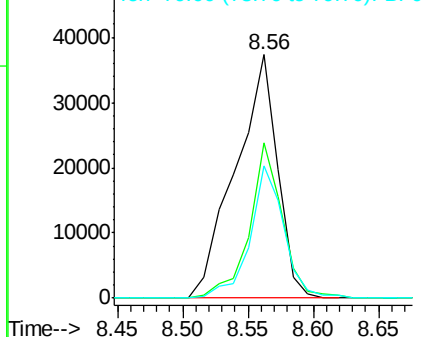
Lab File: BF077073.D

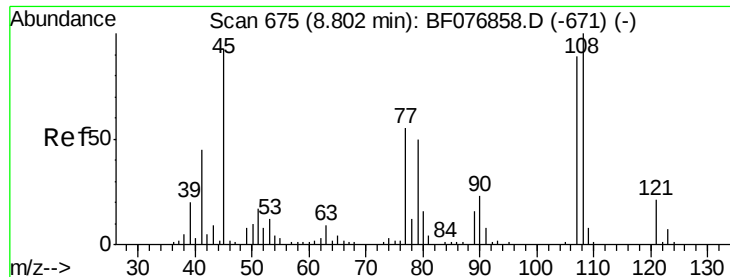
Acq: 27 Jan 2015 4:49

Tgt Ion:	45	Resp:	83530
Ion Ratio	Lower	Upper	
45	100		
77	63.7	36.1	76.1
79	54.5	30.5	70.5



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





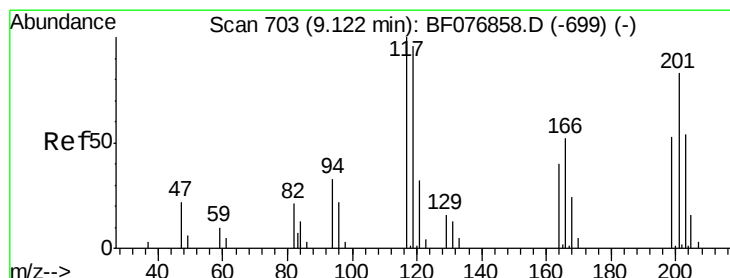
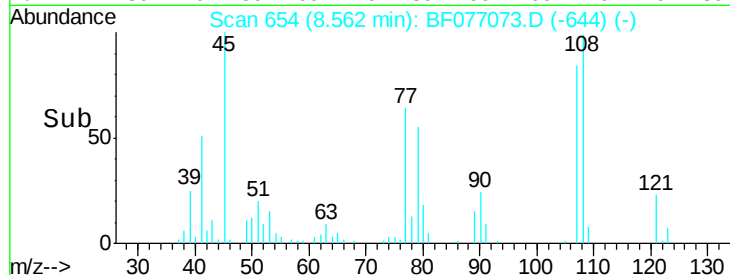
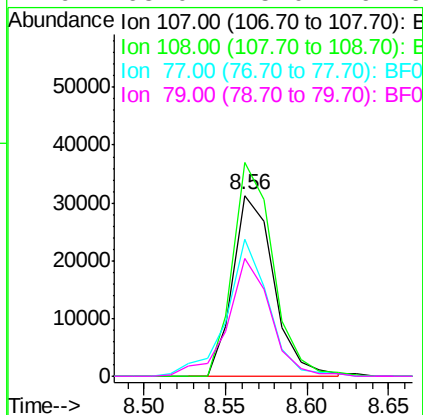
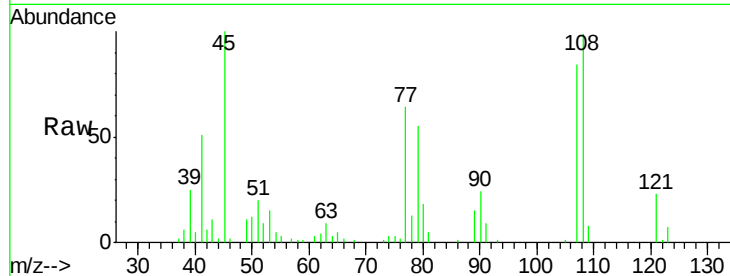
#17
2-Methylphenol
Concen: 39.53 ng
RT: 8.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	54360		
108	117.9	89.7	134.5	
77	76.0	50.1	75.1#	
79	65.0	45.0	67.6	

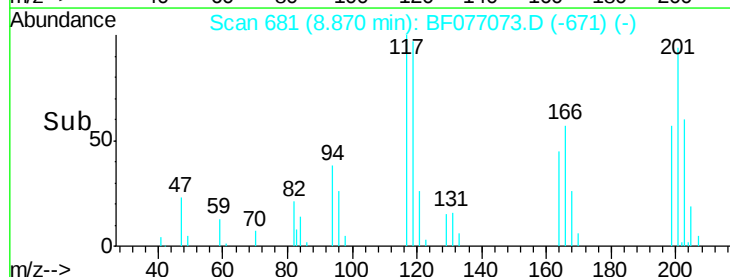
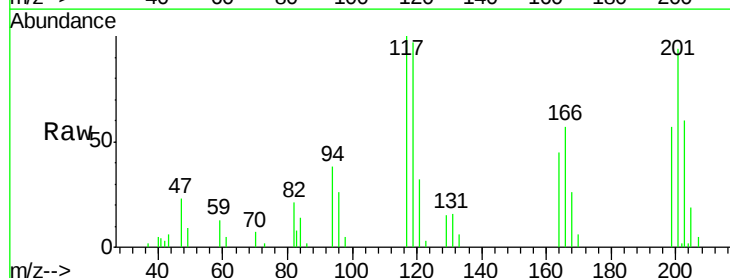
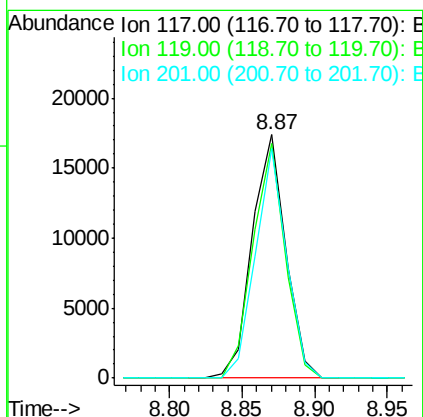
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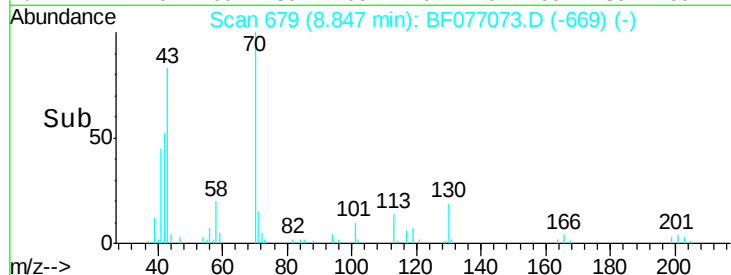
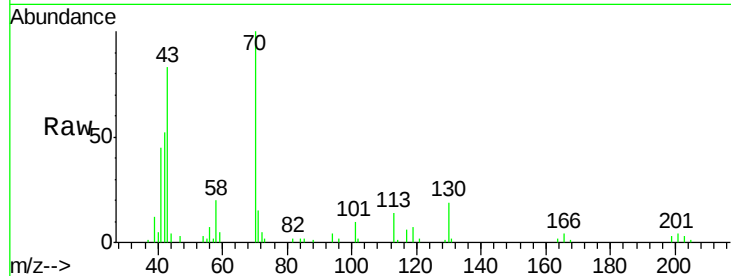
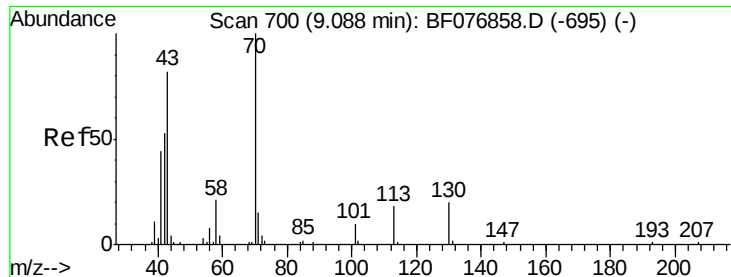
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#18
Hexachloroethane
Concen: 39.52 ng
RT: 8.87 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27901		
119	96.5	77.1	115.7	
201	94.3	66.8	100.2	





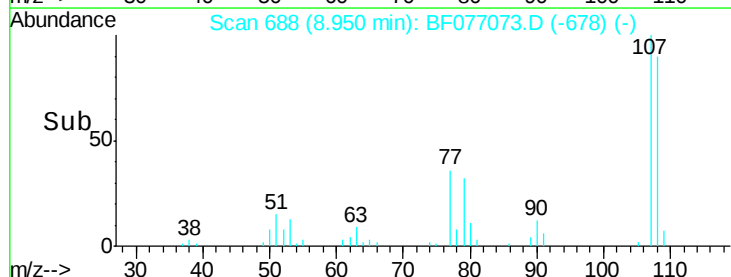
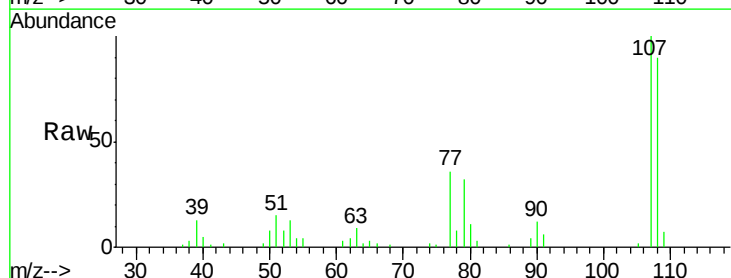
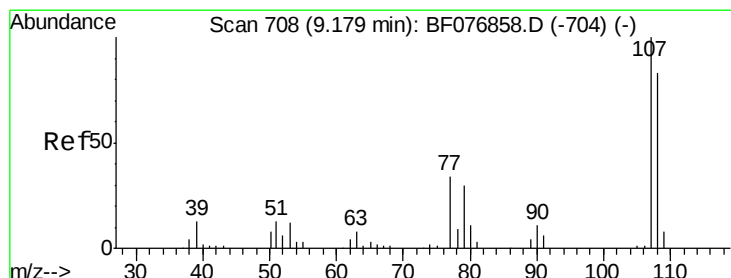
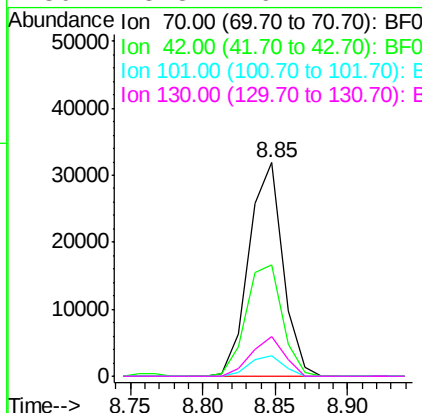
#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 8.85 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

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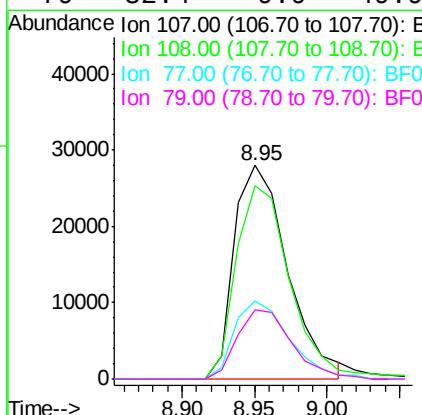
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.3	42.1	63.1
101	9.6	7.8	11.8
130	18.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 39.28 ng
RT: 8.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	63.5	103.5
77	36.5	14.0	54.0
79	32.4	9.9	49.9





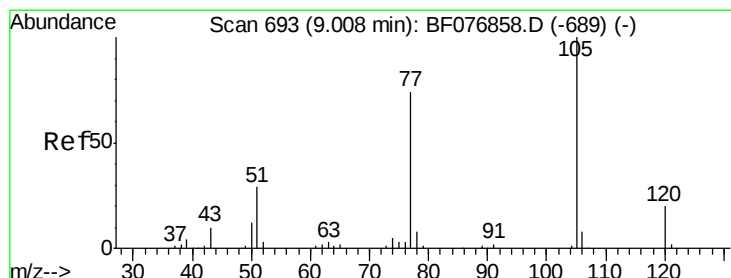
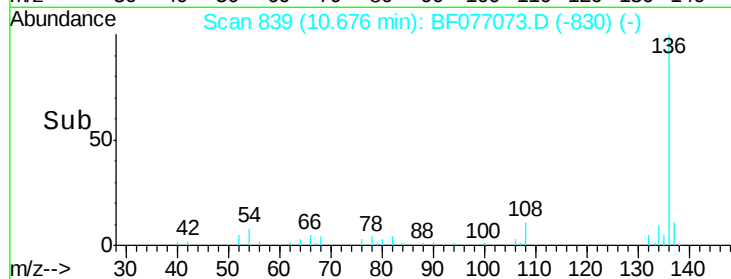
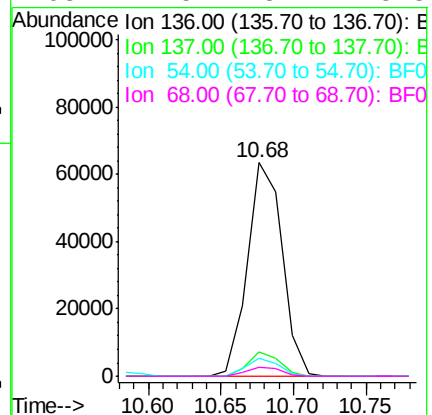
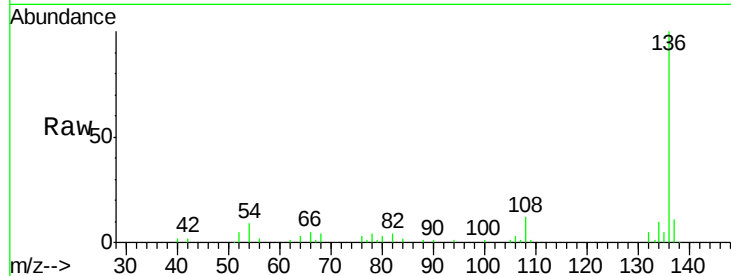
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	8.1	12.1
54	8.5	7.0	10.4
68	4.5	3.7	5.5

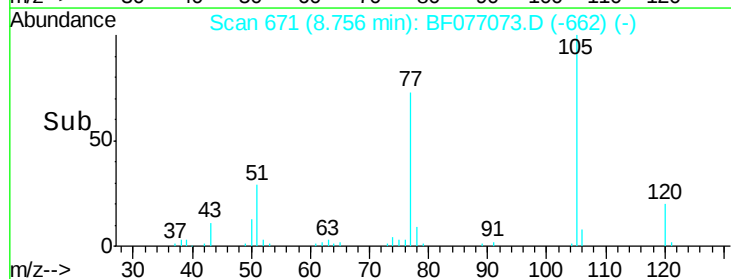
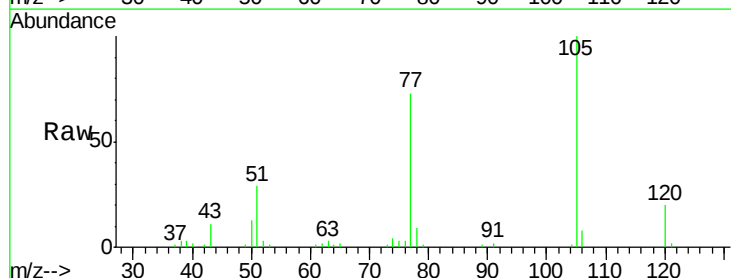
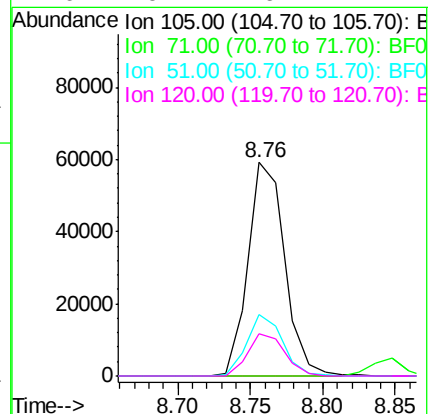
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#22
Acetophenone
Concen: 40.27 ng
RT: 8.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.0	0.0	0.0
51	29.1	23.3	34.9
120	19.7	16.1	24.1





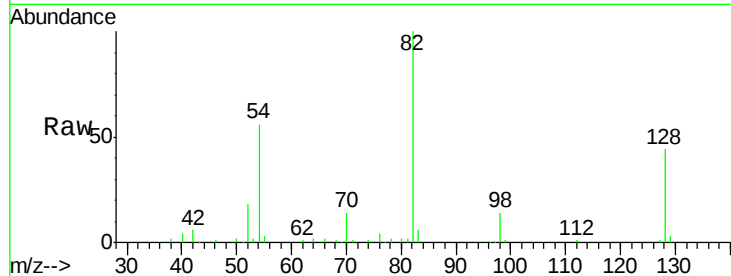
#23
 Nitrobenzene-d5
 Concen: 78.10 ng
 RT: 9.08 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

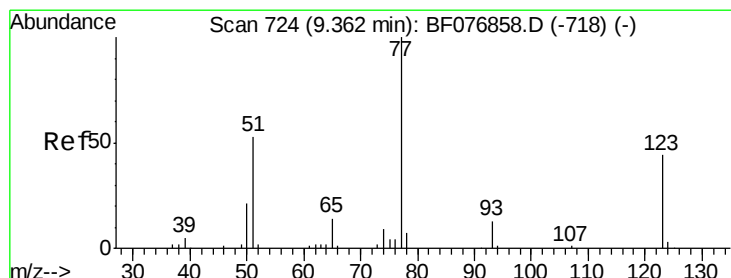
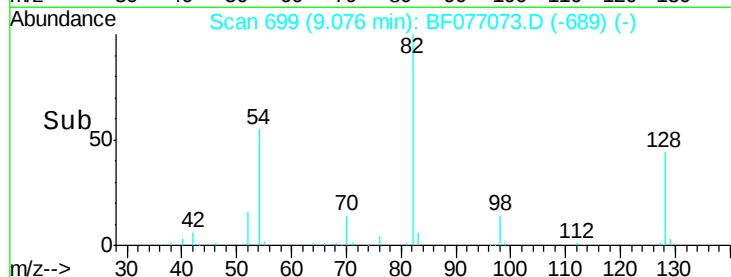
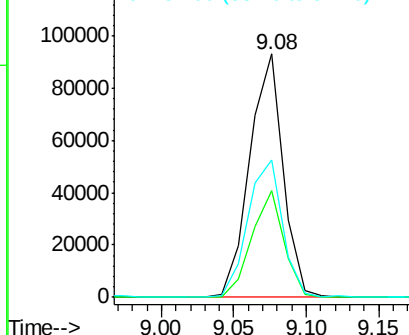
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	44.1	33.1	49.7
54	56.3	48.3	72.5

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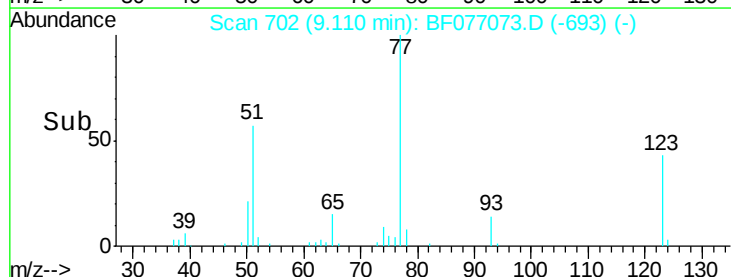
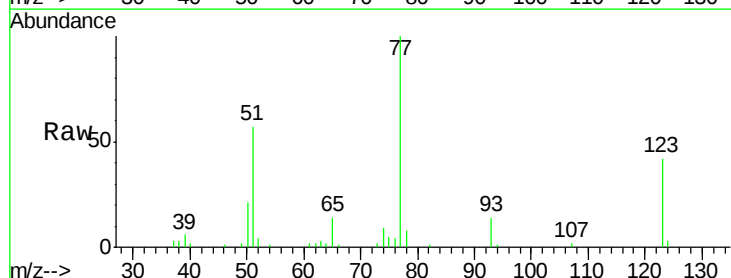
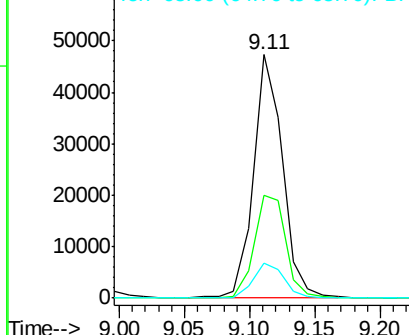
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#24
 Nitrobenzene
 Concen: 38.12 ng
 RT: 9.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	42.3	35.2	52.8
65	14.5	11.4	17.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.47 ng

RT: 9.72 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

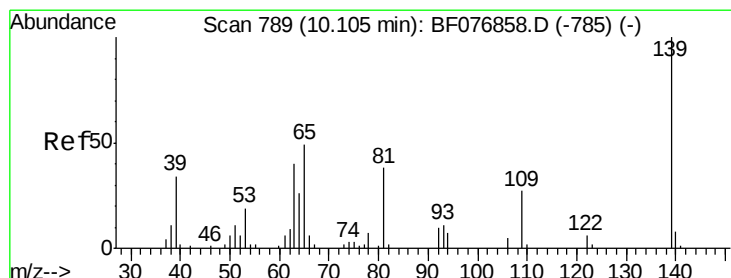
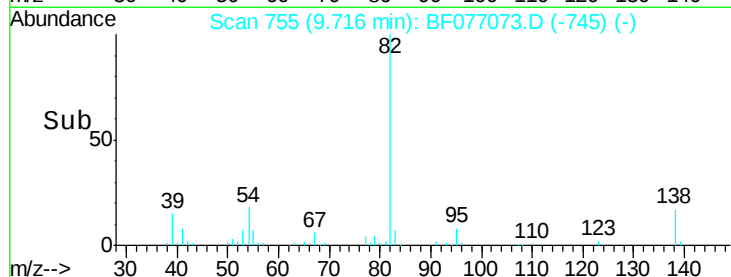
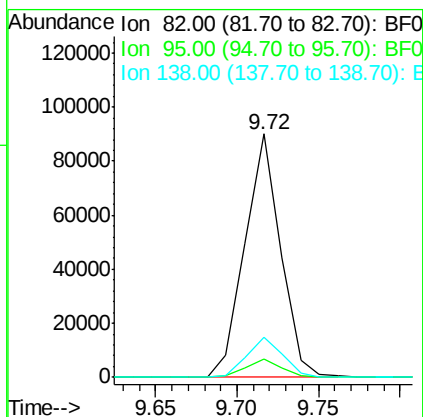
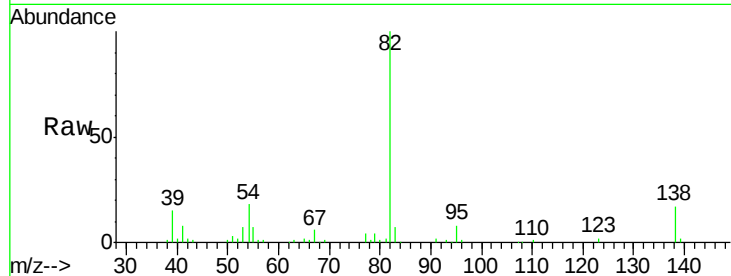
ClientSampleId :

SB-84(17-19)MS

Tgt Ion:	82	Resp:	136885
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.6	10.0
138	16.6	12.6	18.8

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#26

2-Nitrophenol

Concen: 36.64 ng

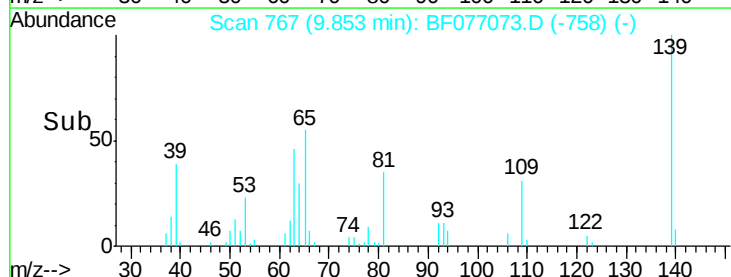
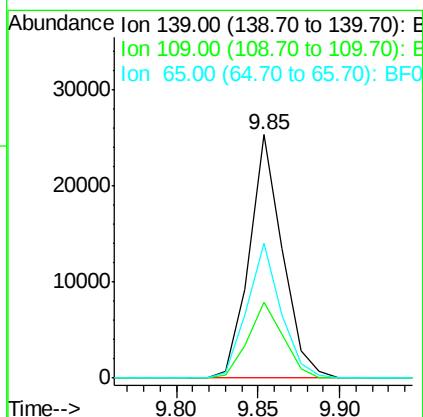
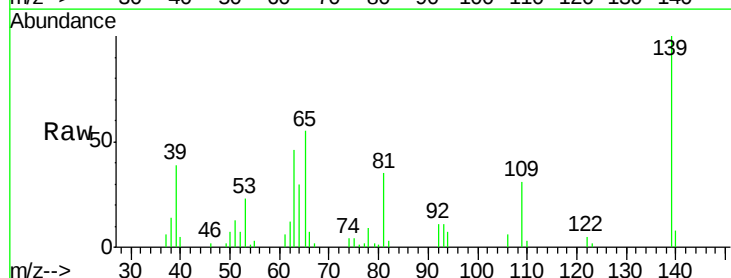
RT: 9.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	139	Resp:	35965
Ion Ratio		Lower	Upper
139	100		
109	31.1	21.3	31.9
65	55.1	39.4	59.0





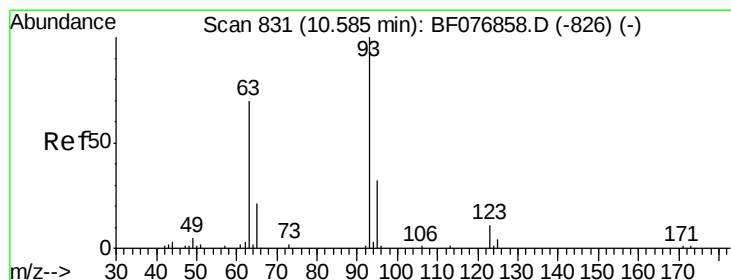
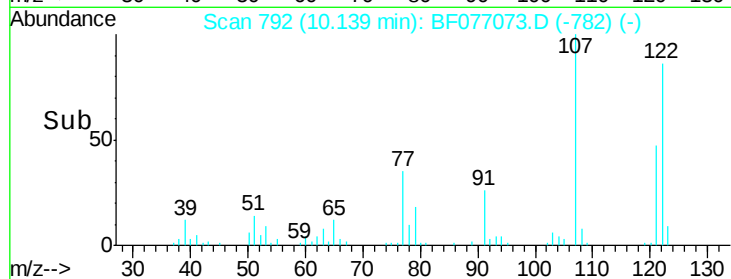
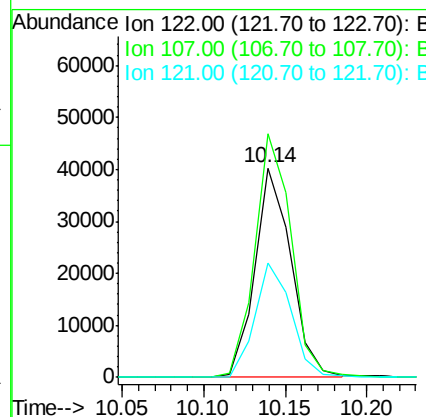
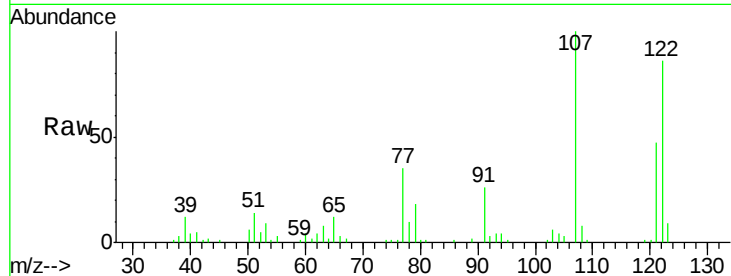
#27
 2,4-Dimethylphenol
 Concen: 41.30 ng
 RT: 10.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61959		
107	116.4	95.2	142.8	
121	54.6	42.9	64.3	

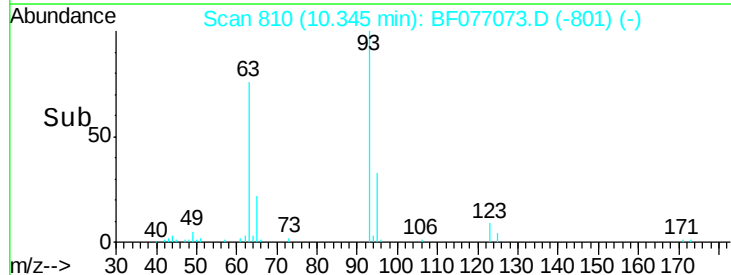
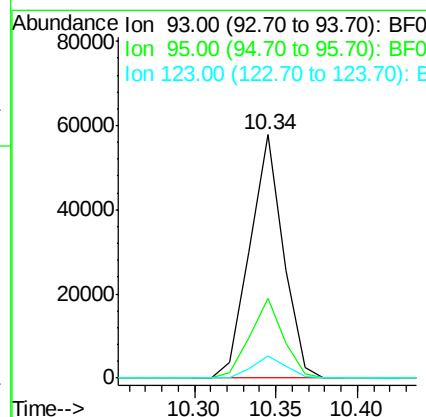
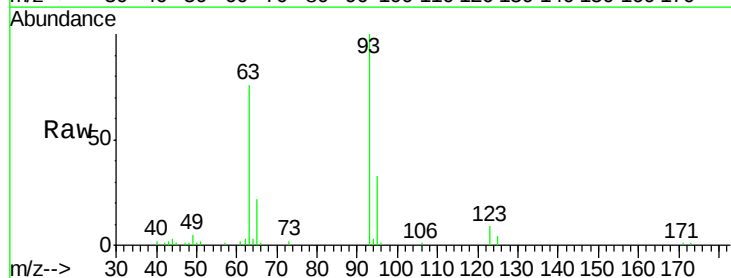
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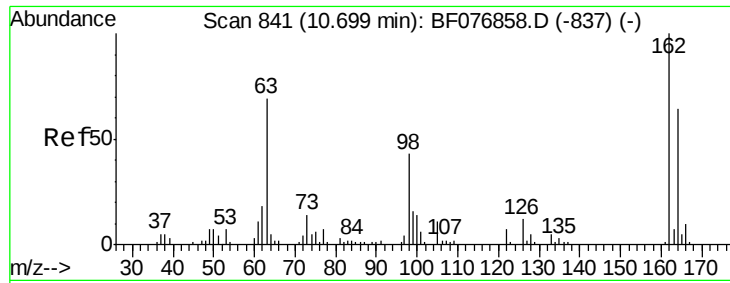
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.71 ng
 RT: 10.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	82226		
95	32.8	25.6	38.4	
123	9.3	8.9	13.3	





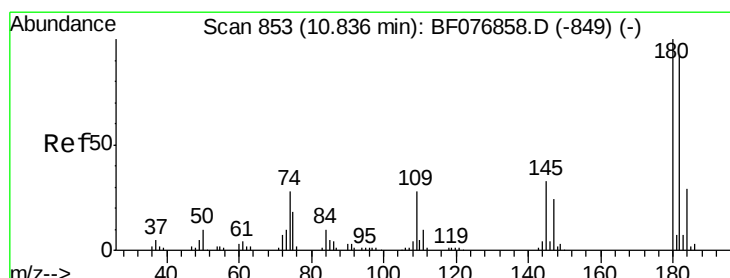
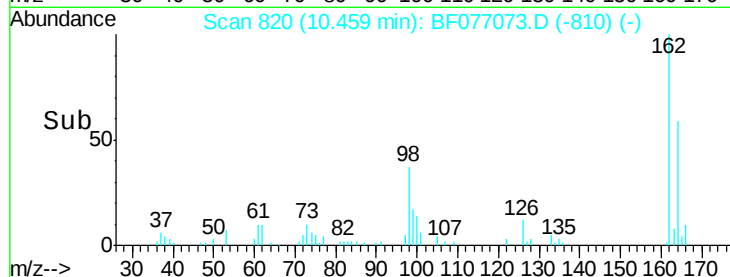
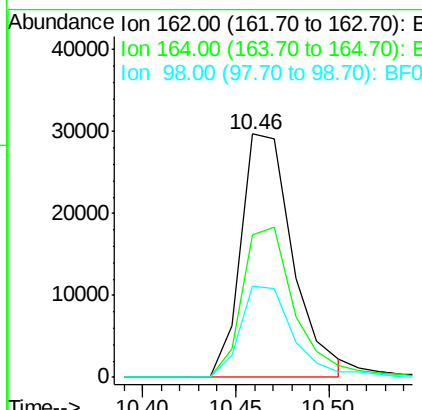
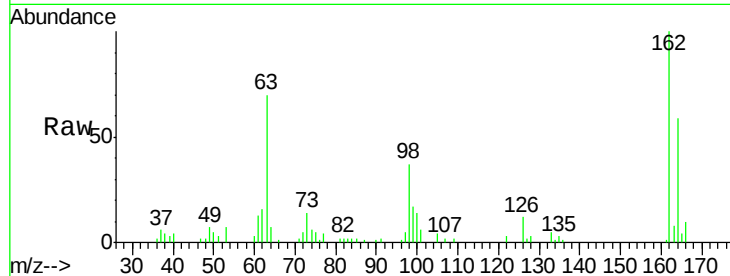
#29
 2,4-Dichlorophenol
 Concen: 41.16 ng
 RT: 10.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion:	162	Resp:	57556
Ion Ratio	Lower	Upper	
162	100		
164	58.6	43.8	83.8
98	37.3	22.5	62.5

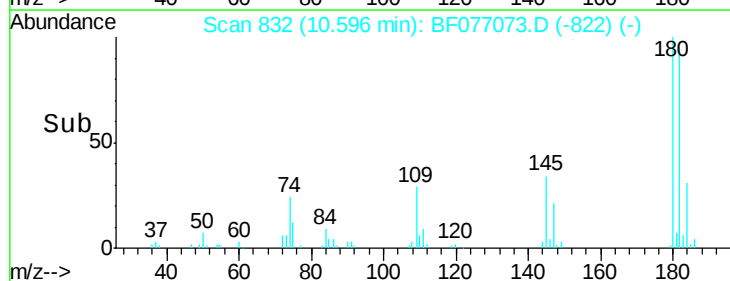
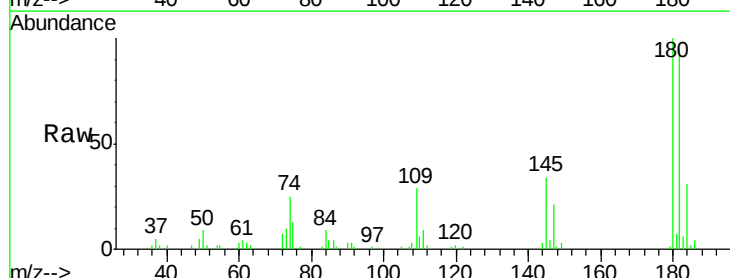
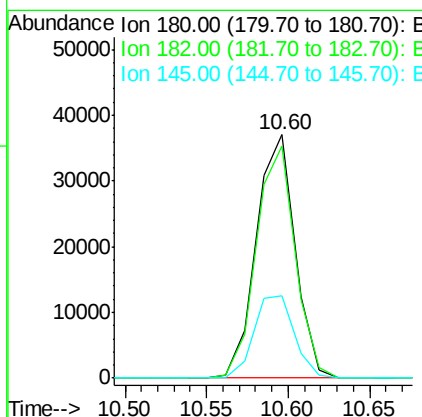
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.37 ng
 RT: 10.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion:	180	Resp:	61137
Ion Ratio	Lower	Upper	
180	100		
182	95.2	73.6	110.4
145	33.8	26.6	39.8





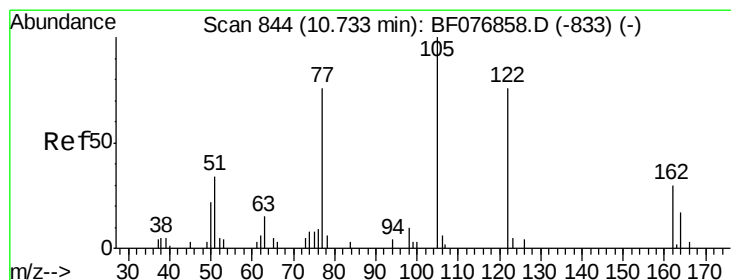
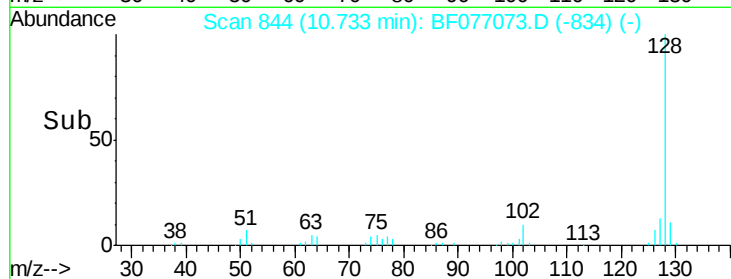
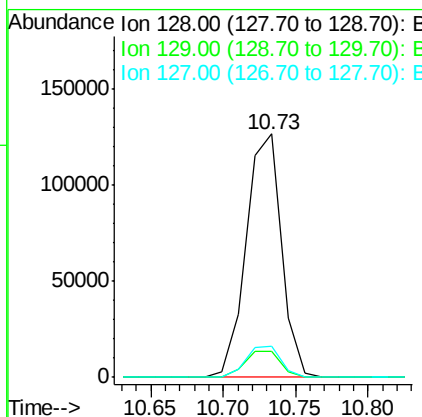
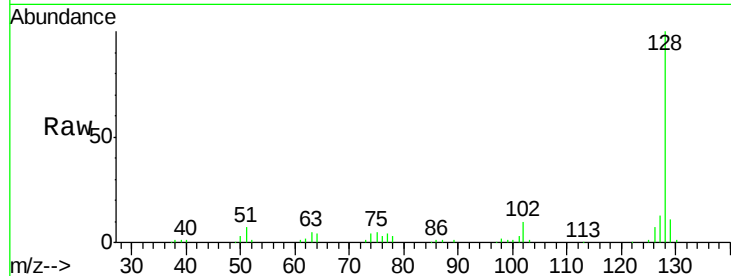
#31
Naphthalene
Concen: 39.30 ng
RT: 10.73 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	213479		
129	10.7	9.0	13.6	
127	12.7	10.2	15.2	

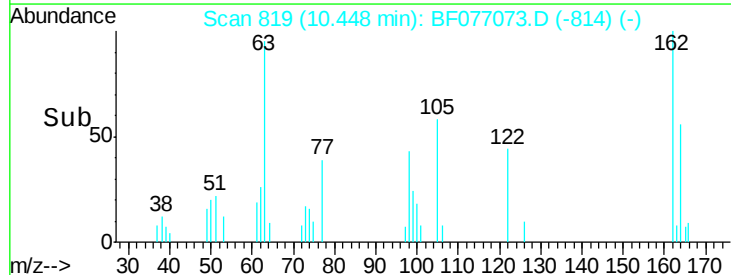
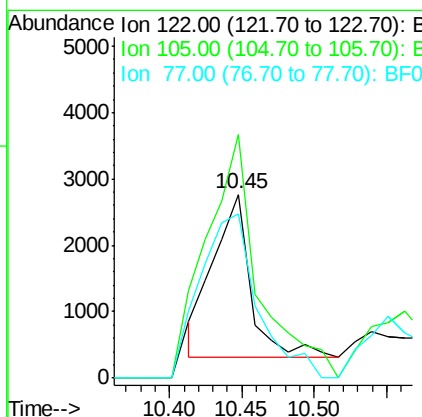
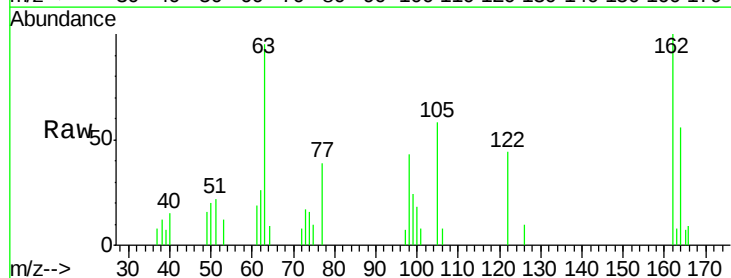
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#32
Benzoic acid
Concen: 5.31 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.05 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4412		
105	132.5	111.3	151.3	
77	89.6	79.2	119.2	





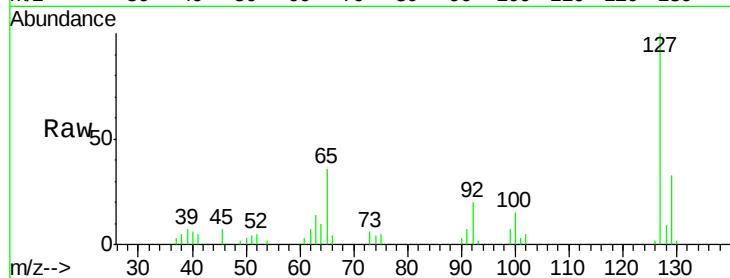
#33
4-Chloroaniline
Concen: 17.66 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

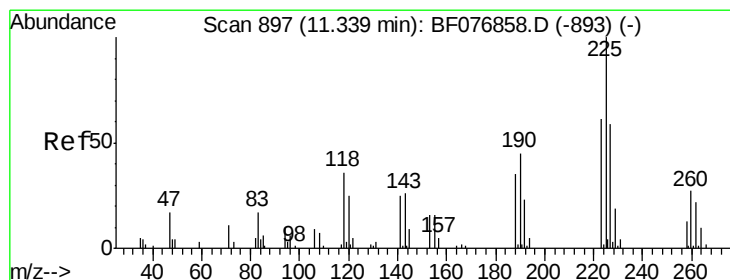
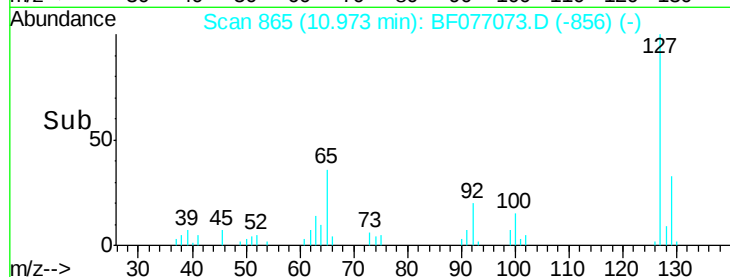
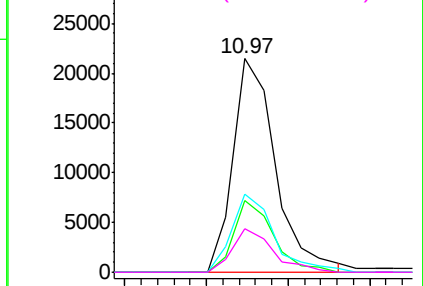
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.3	37.9	
65	36.4	27.8	41.6	
92	20.3	16.5	24.7	

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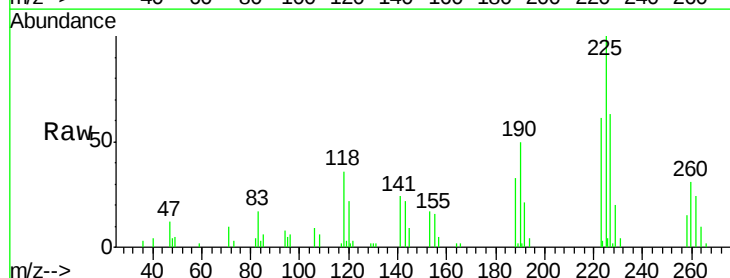


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

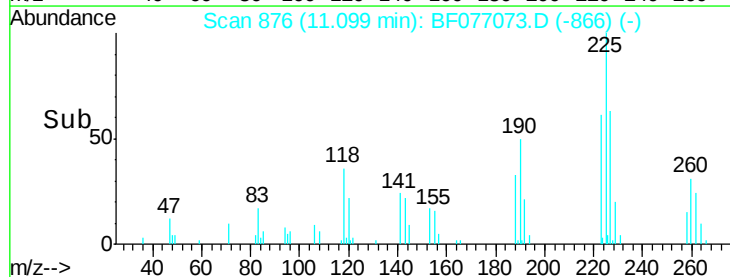
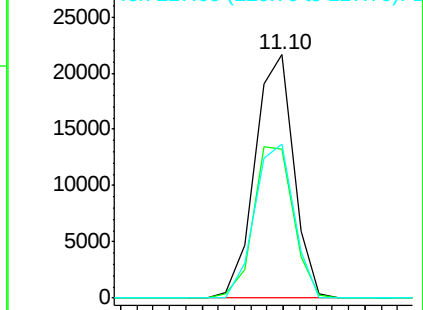


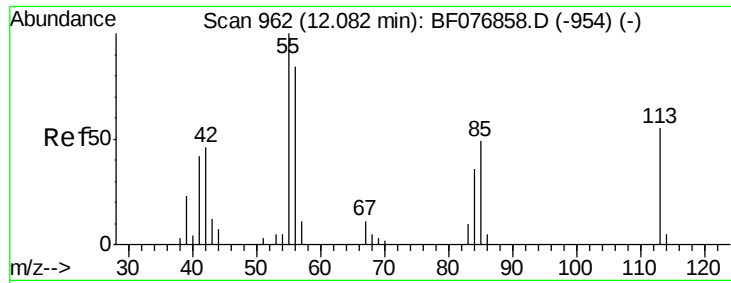
#34
Hexachlorobutadiene
Concen: 38.85 ng
RT: 11.10 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	49.1	73.7	
227	63.2	47.5	71.3	



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





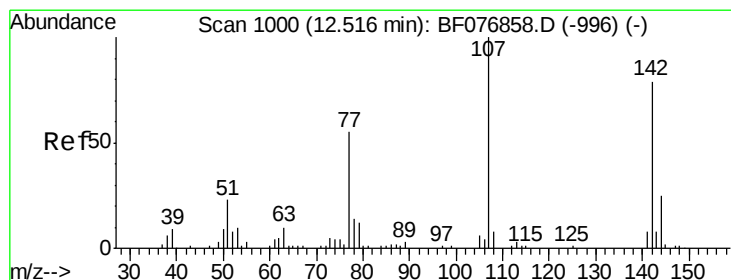
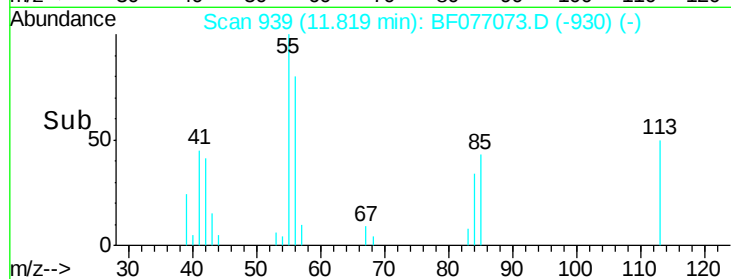
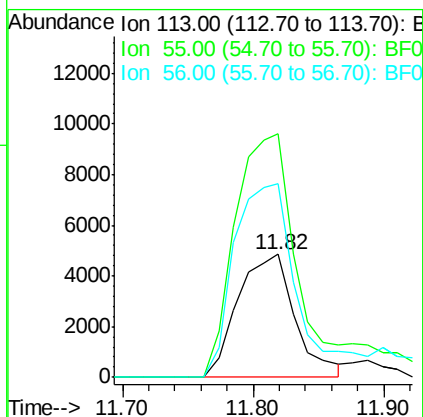
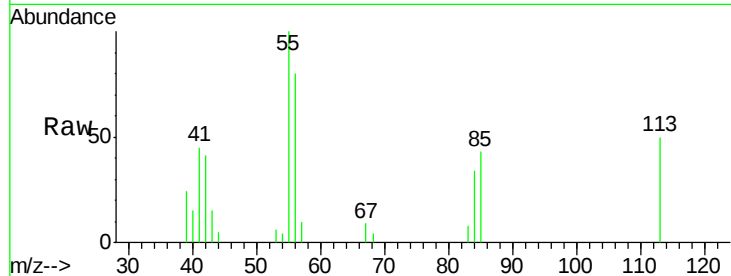
#35
 Caprolactam
 Concen: 35.93 ng
 RT: 11.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion:113 Resp: 14792
 Ion Ratio Lower Upper
 113 100
 55 198.0 162.1 202.1
 56 157.6 133.7 173.7

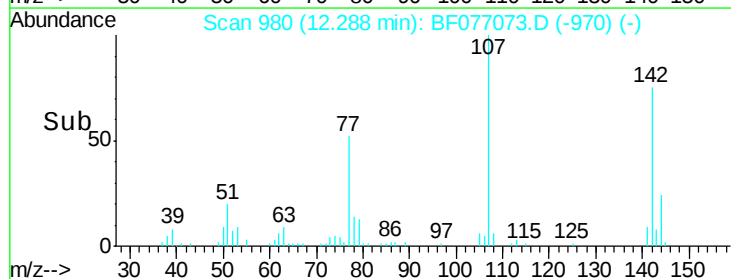
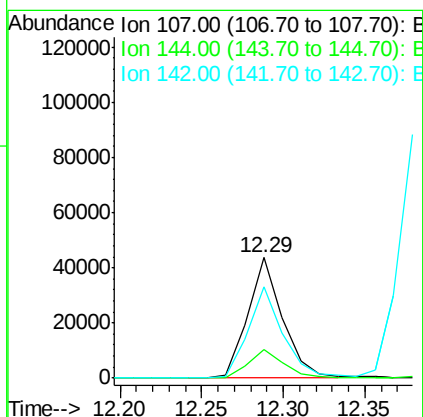
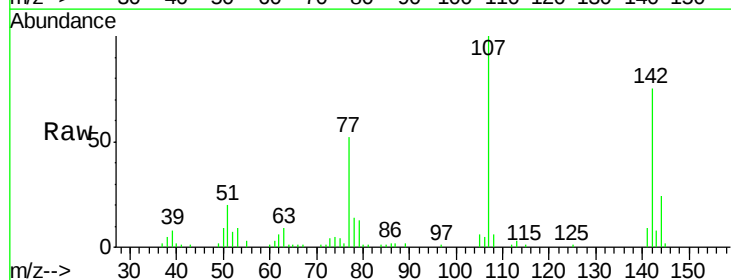
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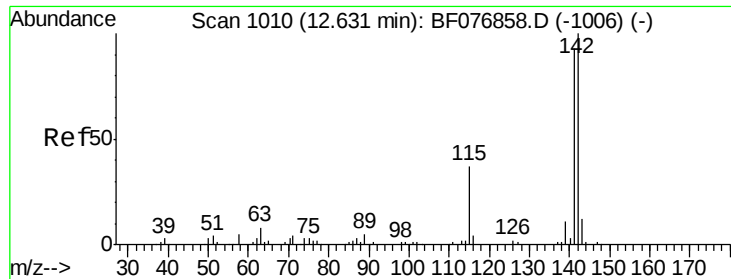
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#36
 4-Chloro-3-methylphenol
 Concen: 40.36 ng
 RT: 12.29 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion:107 Resp: 64621
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 75.4 63.5 95.3





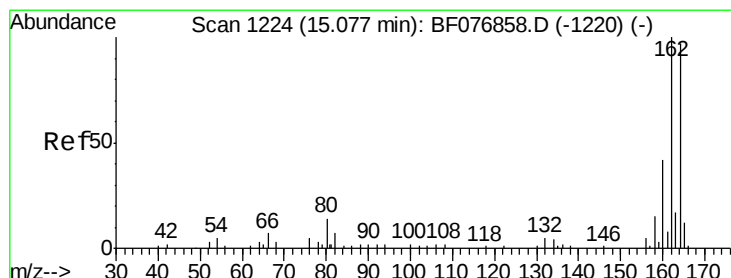
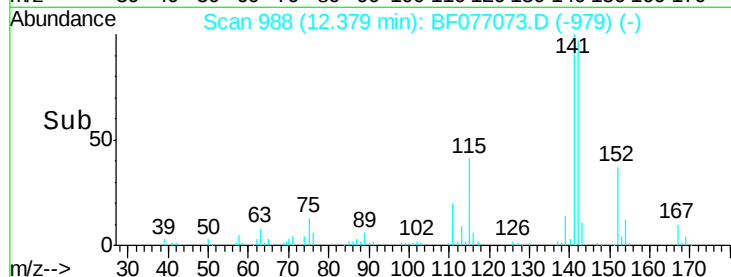
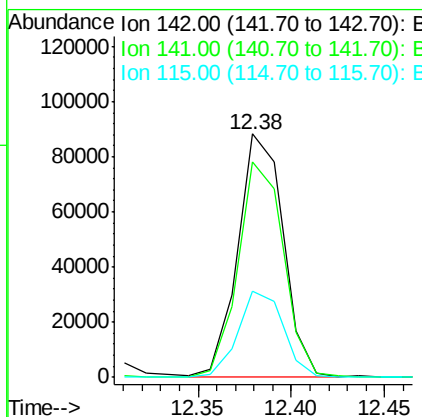
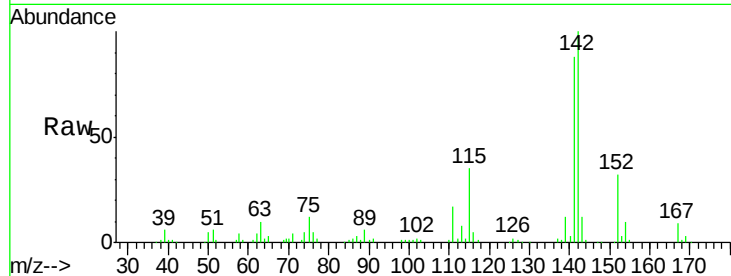
#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 12.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.5	111.7
115	35.2	29.7	44.5

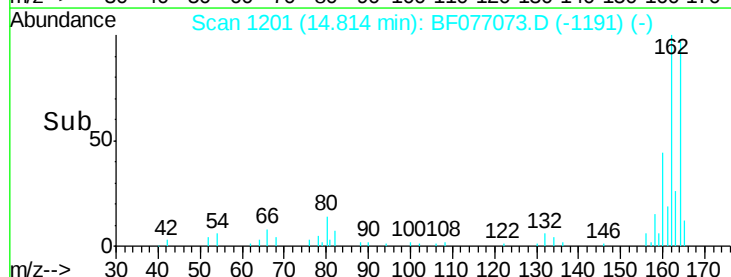
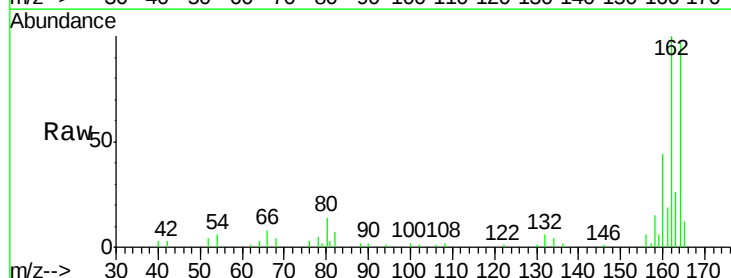
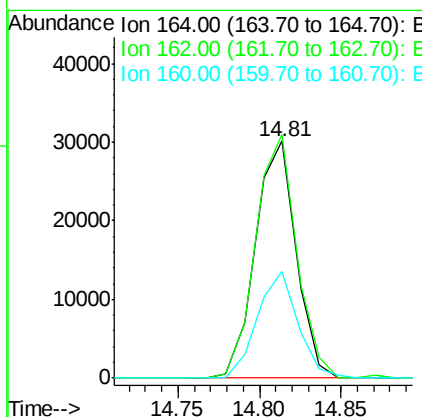
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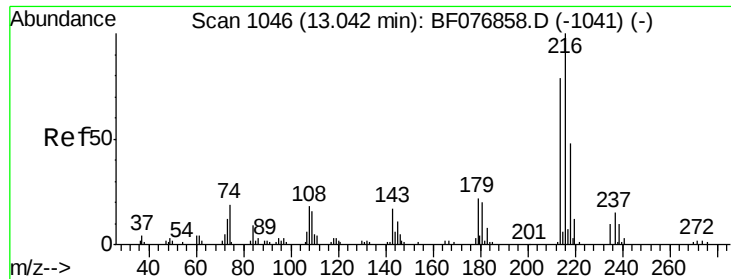
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	45.0	34.8	52.2





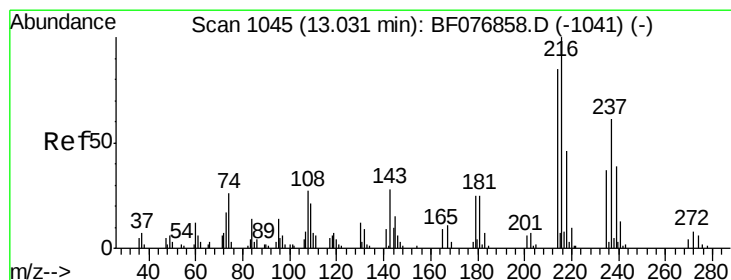
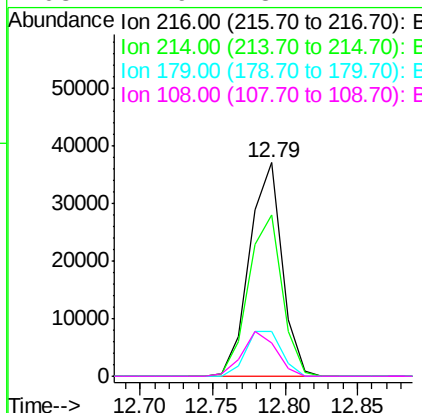
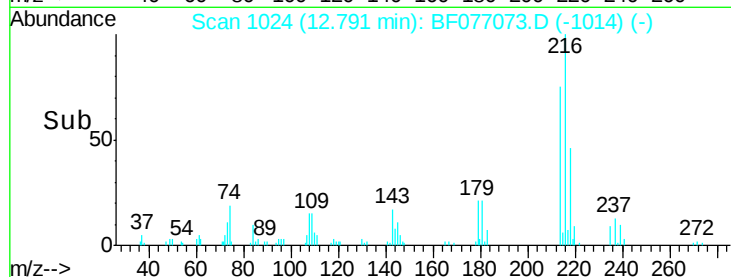
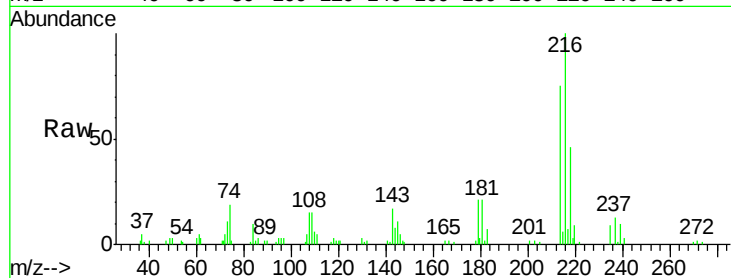
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.46 ng
 RT: 12.79 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.9	97.3
179	23.3	18.6	28.0
108	21.9	18.1	27.1

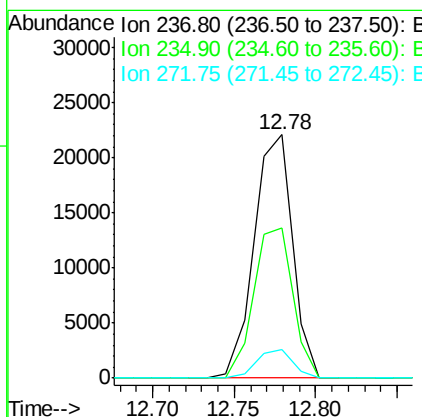
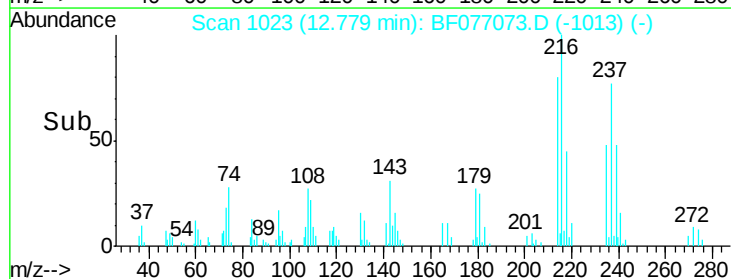
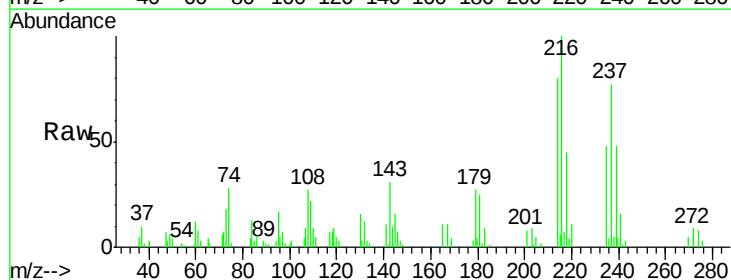
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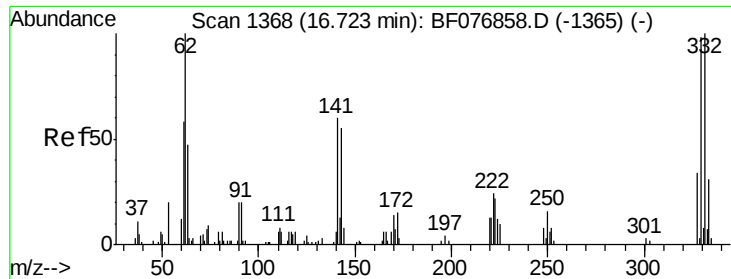
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#40
 Hexachlorocyclopentadiene
 Concen: 53.70 ng
 RT: 12.78 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	40.4	80.4
272	11.6	0.0	33.2





#41

2,4,6-Tribromophenol

Concen: 140.79 ng

RT: 16.53 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF077073.D

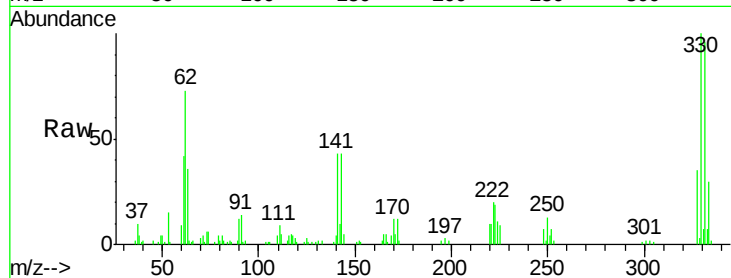
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Instrument :

BNA_F

ClientSampleId :

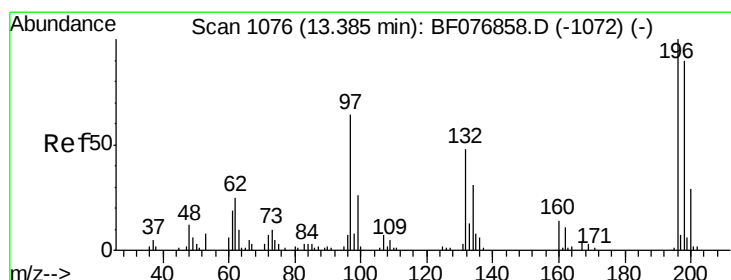
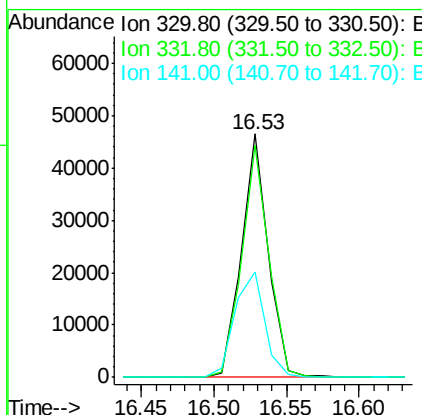
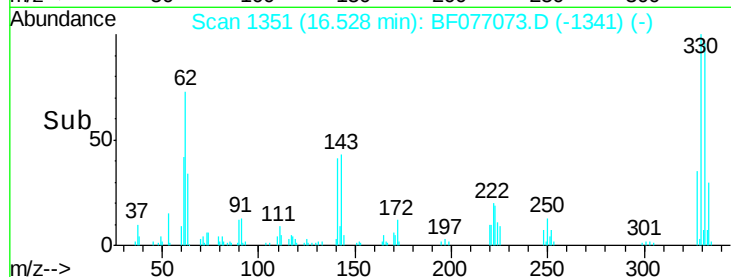
SB-84(17-19)MS



Tgt Ion:	330	Resp:	59720
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.6
141	48.3	38.5	57.7

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#42

2,4,6-Trichlorophenol

Concen: 41.95 ng

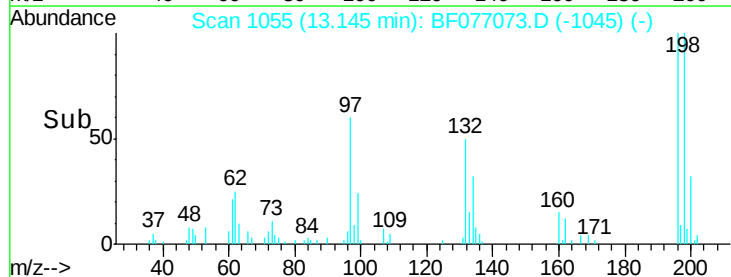
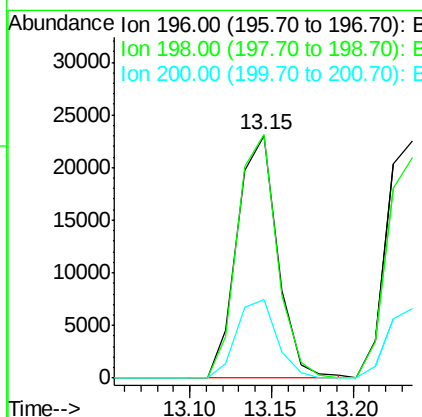
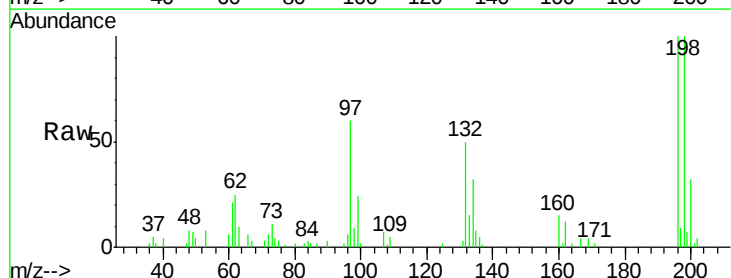
RT: 13.15 min Scan# 1055

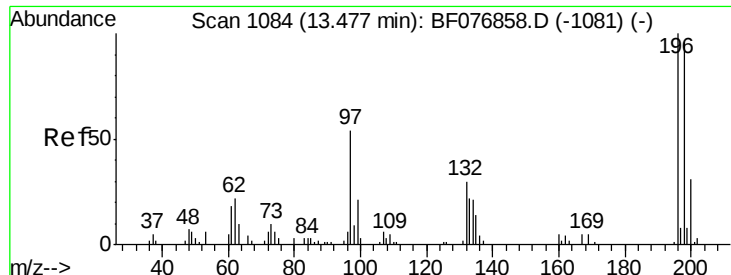
Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	196	Resp:	39493
Ion Ratio	Lower	Upper	
196	100		
198	100.4	72.0	108.0
200	32.5	23.4	35.2





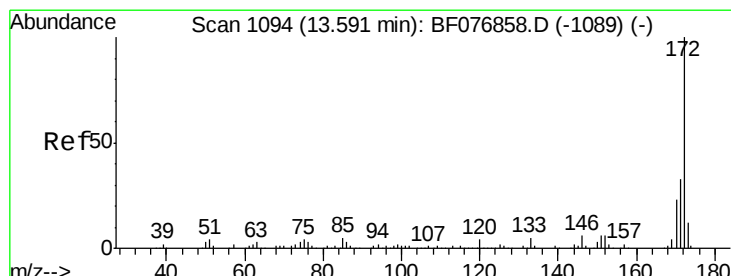
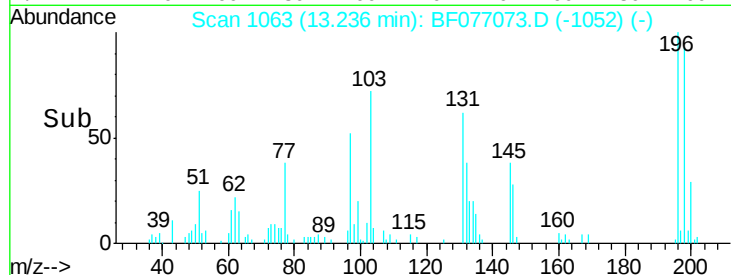
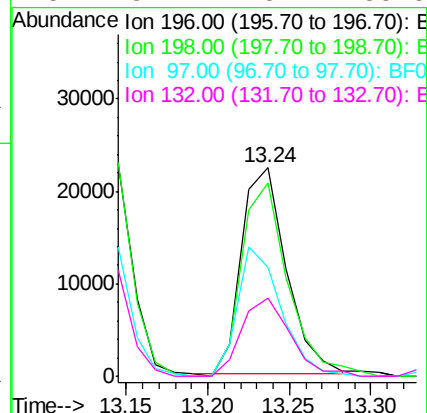
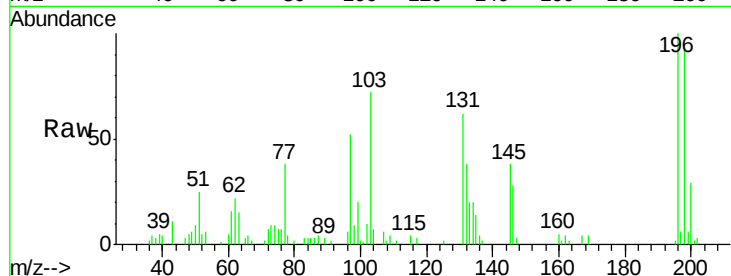
#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 13.24 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	42165		
198	92.7	76.6	115.0	
97	52.1	43.4	65.0	
132	37.7	23.7	35.5#	

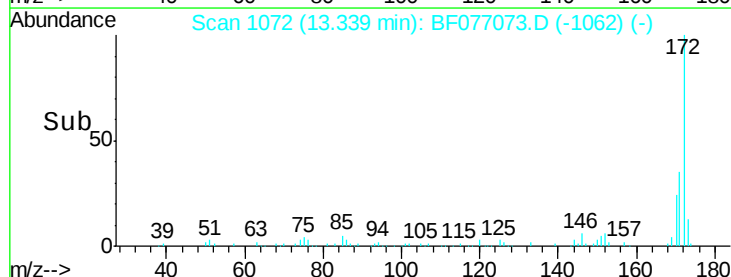
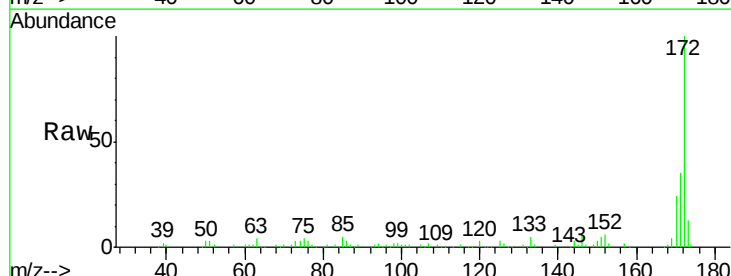
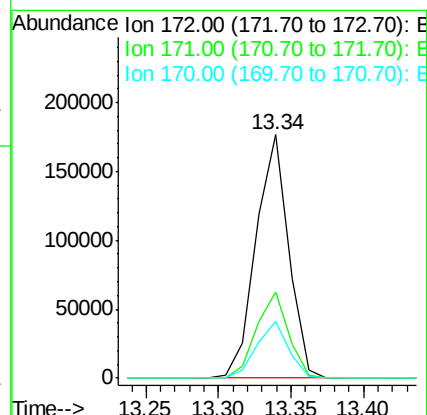
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#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	275030		
171	35.5	26.6	40.0	
170	23.5	18.0	27.0	





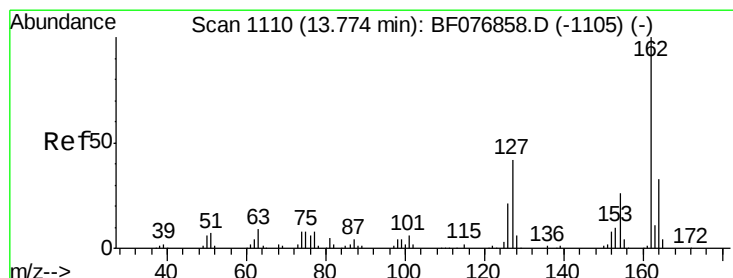
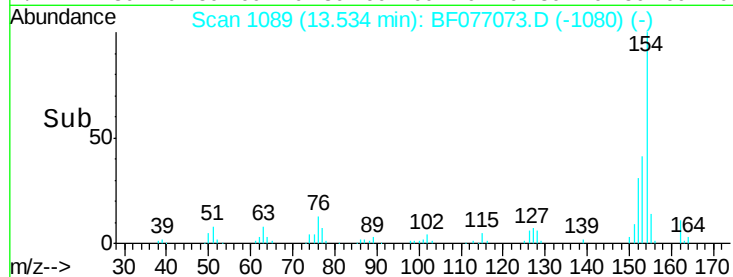
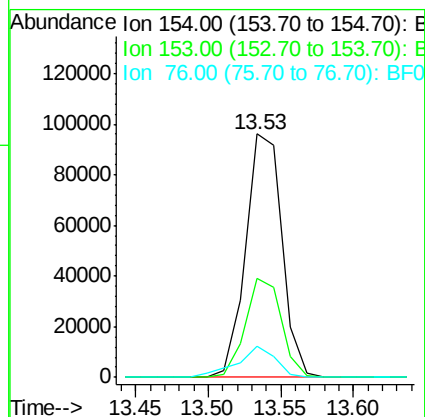
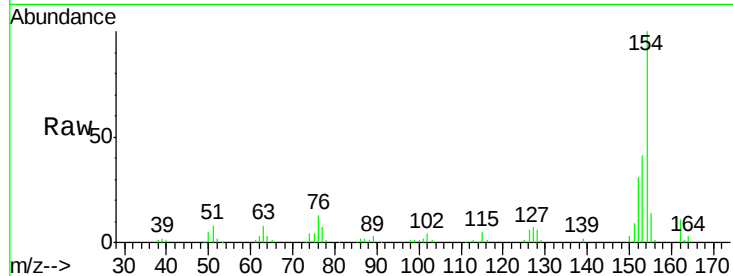
#45
 1,1'-Biphenyl
 Concen: 43.01 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion:	154	Resp:	166621
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.2	60.2
76	12.7	0.0	29.0

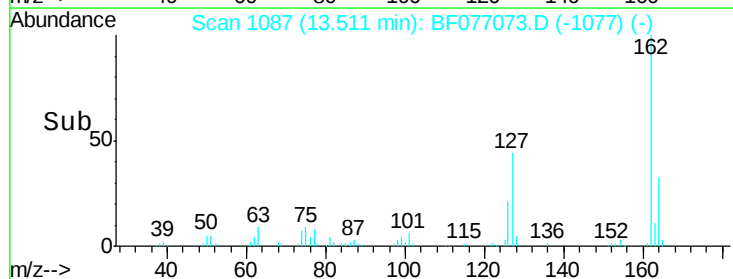
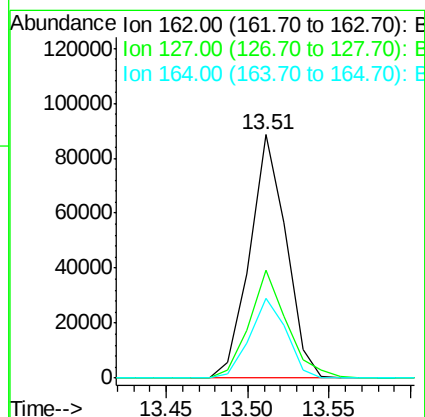
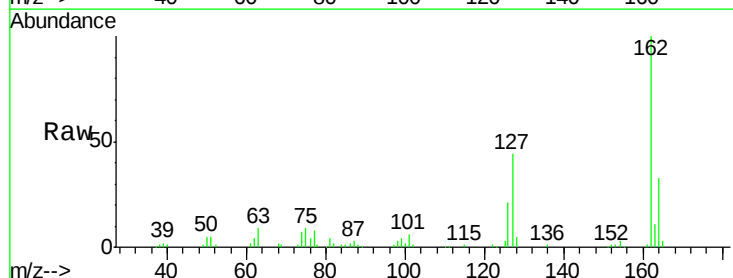
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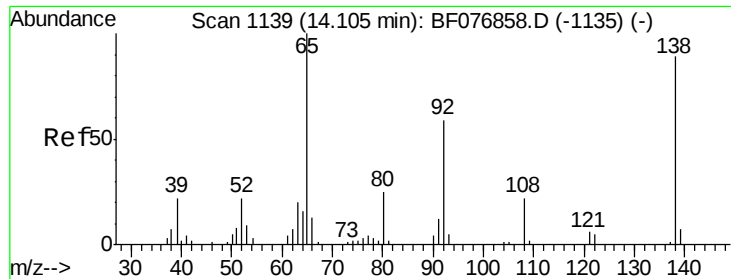
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#46
 2-Chloronaphthalene
 Concen: 43.00 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion:	162	Resp:	137086
Ion Ratio	Lower	Upper	
162	100		
127	44.4	33.8	50.6
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 45.83 ng

RT: 13.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

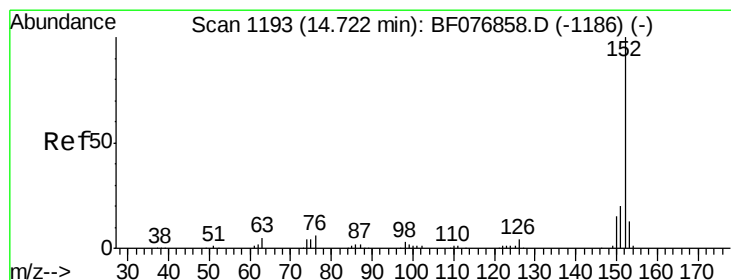
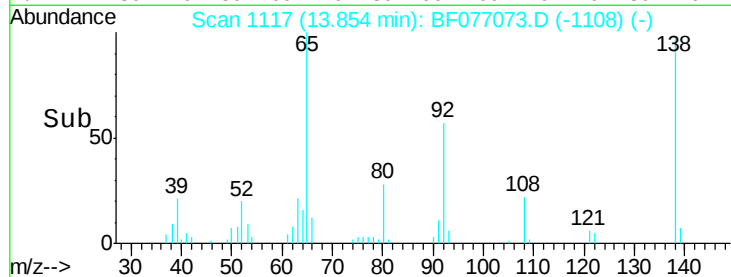
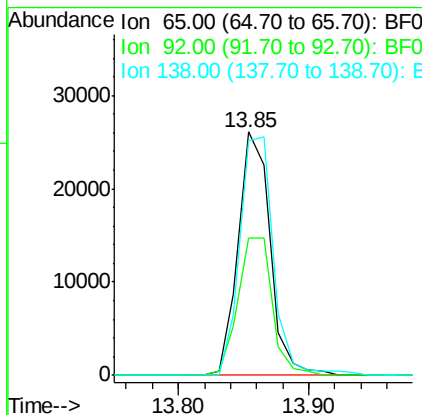
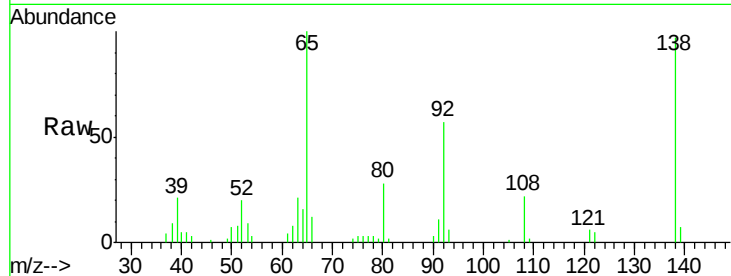
ClientSampleId :

SB-84(17-19)MS

Tgt Ion:	65	Resp:	44317
Ion Ratio	Lower	Upper	
65	100		
92	56.5	47.3	70.9
138	96.5	71.4	107.2

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#48

Acenaphthylene

Concen: 41.48 ng

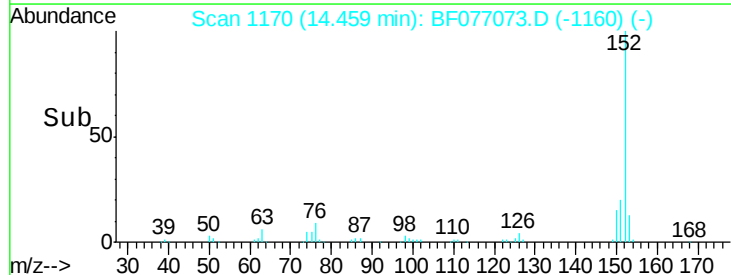
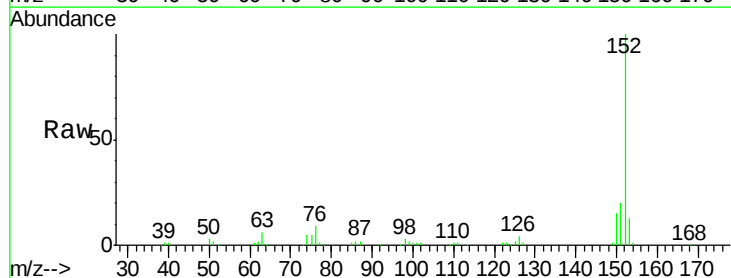
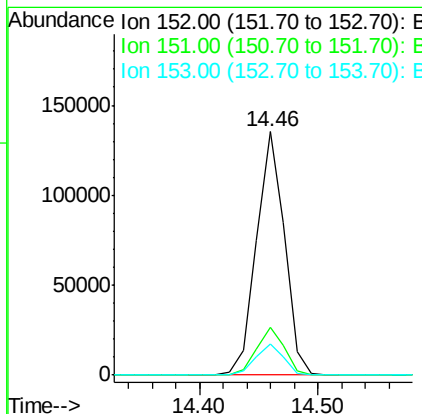
RT: 14.46 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	152	Resp:	223064
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.0	10.2	15.4





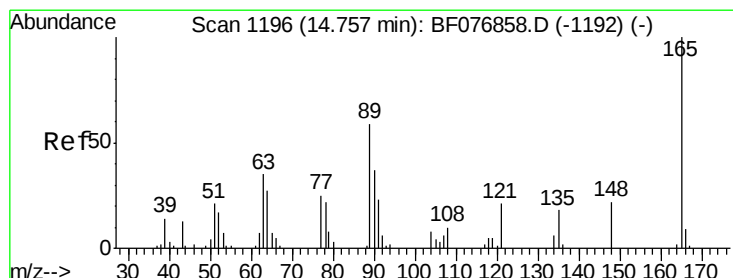
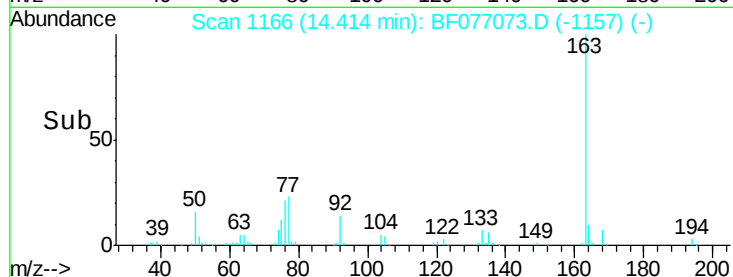
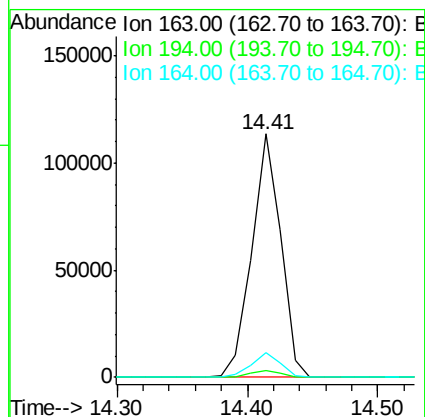
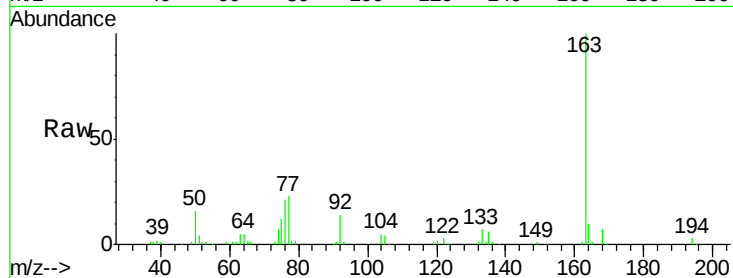
#49
Dimethylphthalate
Concen: 47.45 ng
RT: 14.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.6	4.0
164	10.2	7.5	11.3

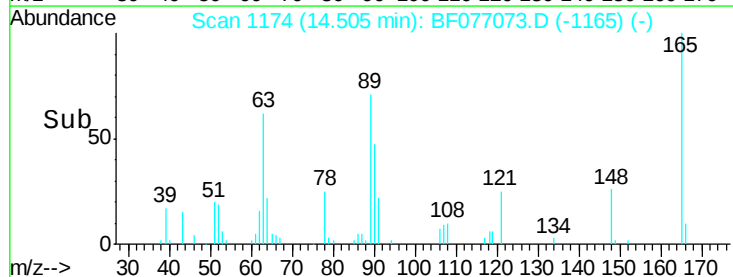
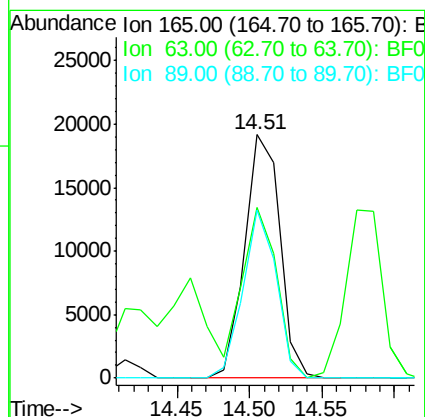
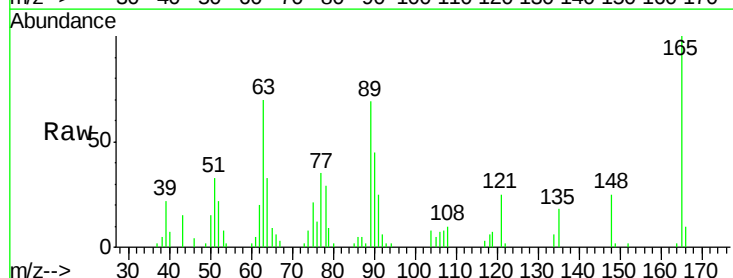
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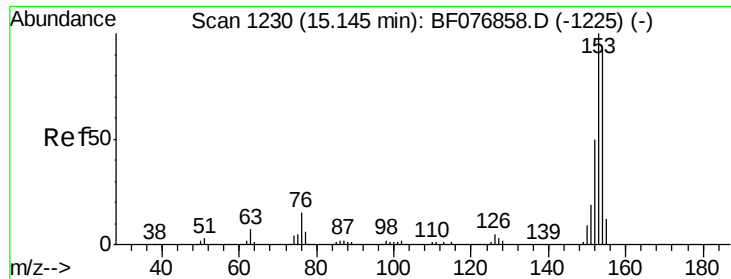
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#50
2,6-Dinitrotoluene
Concen: 43.79 ng
RT: 14.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.3	48.1	72.1
89	68.9	47.2	70.8





#51

Acenaphthene

Concen: 41.28 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

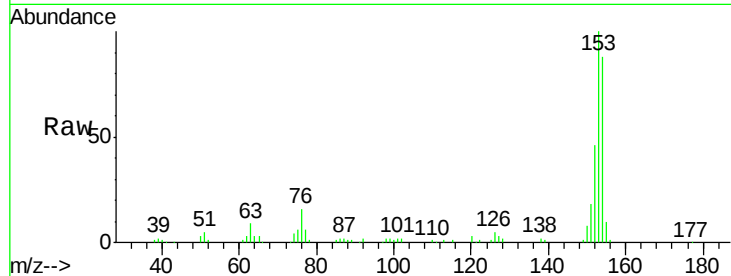
ClientSampleId :

SB-84(17-19)MS

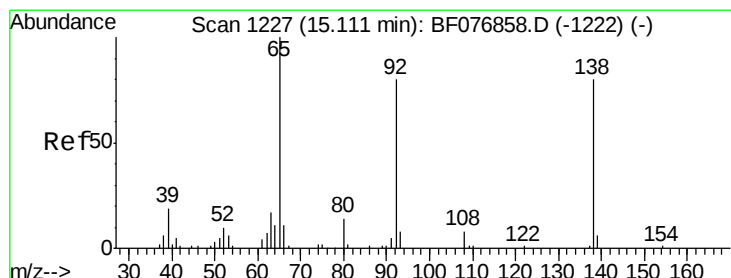
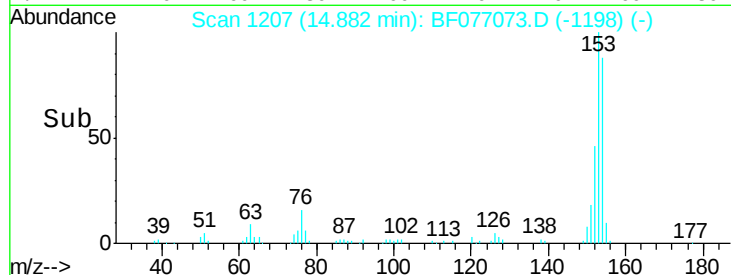
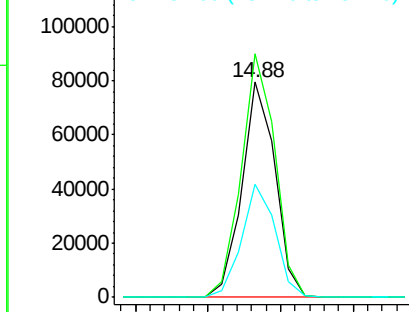
Tgt Ion:	154	Resp:	125955
Ion Ratio	Lower	Upper	
154	100		
153	113.1	87.0	130.6
152	52.5	43.5	65.3

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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: 31.64 ng

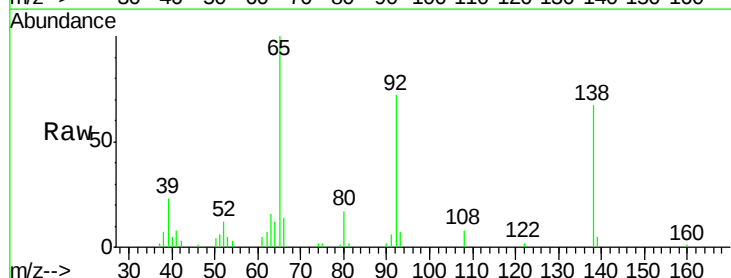
RT: 14.85 min Scan# 1204

Delta R.T. -0.00 min

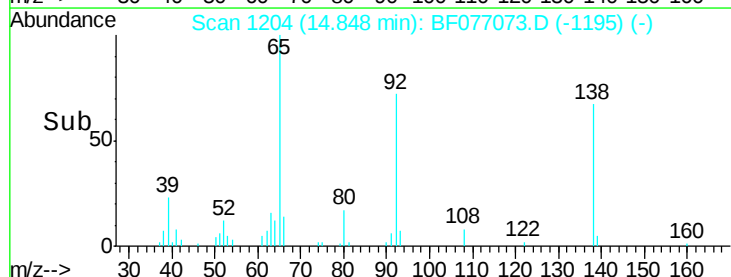
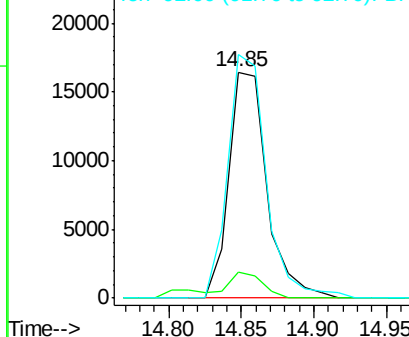
Lab File: BF077073.D

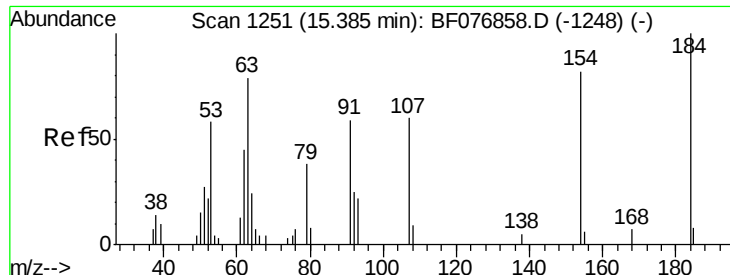
Acq: 27 Jan 2015 4:49

Tgt Ion:	138	Resp:	29968
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.3	12.5
92	107.7	80.9	121.3



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





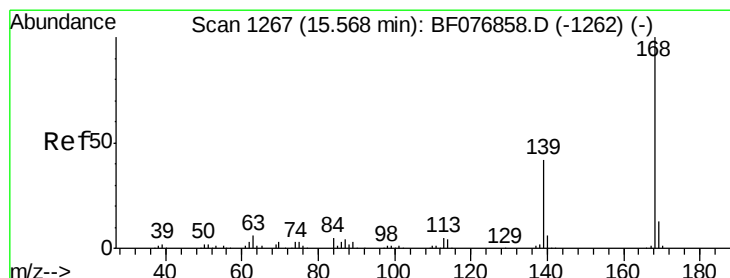
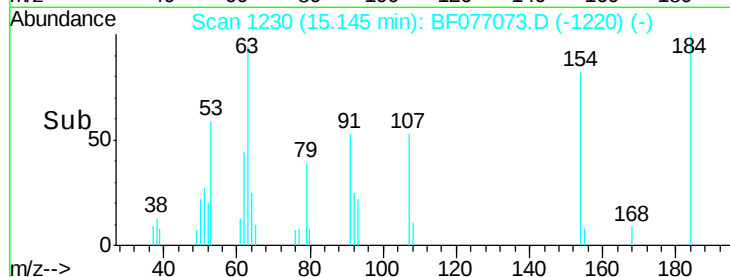
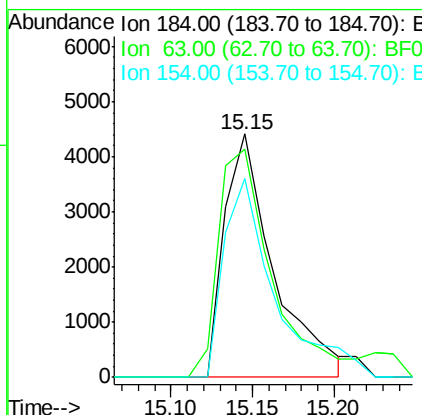
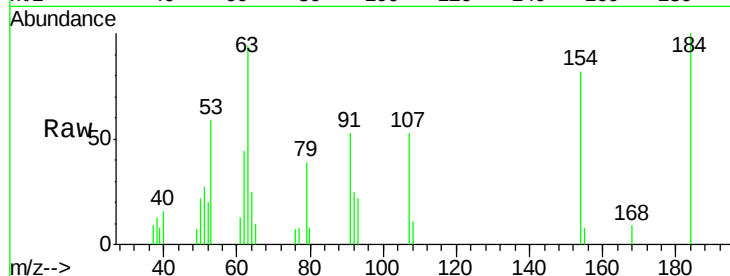
#53
 2,4-Dinitrophenol
 Concen: 34.38 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	9217		
63	93.9	63.0	94.6	
154	81.8	65.5	98.3	

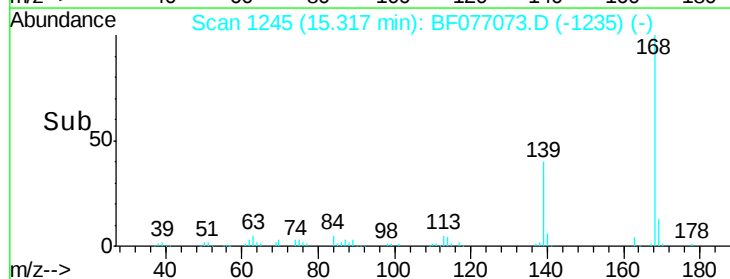
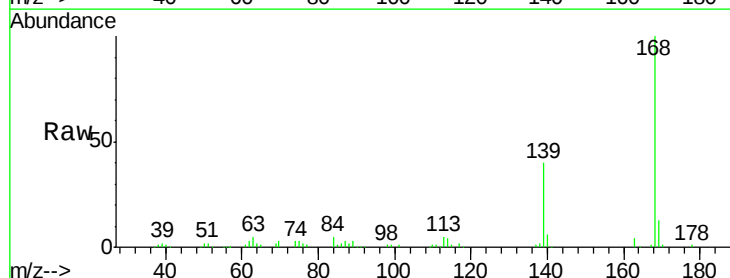
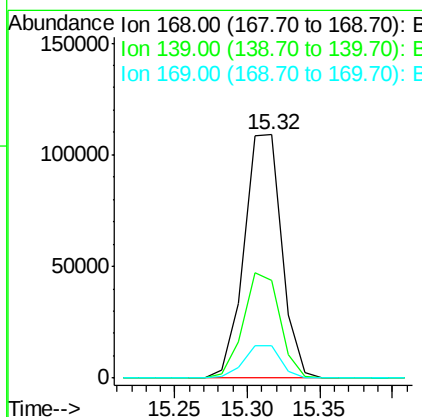
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#54
 Dibenzofuran
 Concen: 44.08 ng
 RT: 15.32 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	195921		
139	40.4	33.4	50.2	
169	13.2	10.6	15.8	





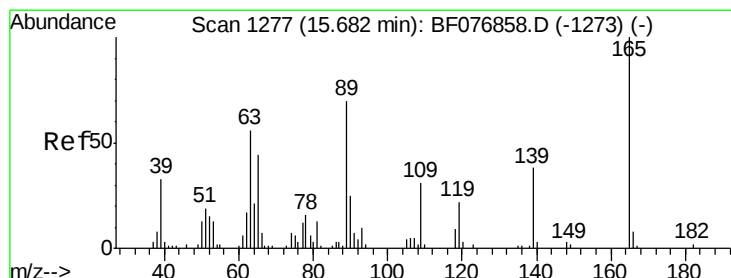
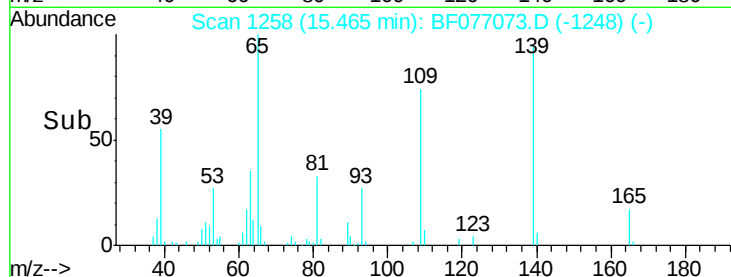
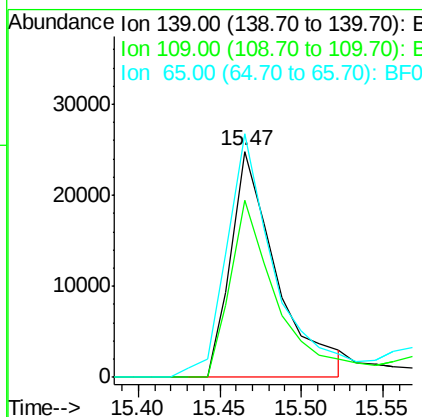
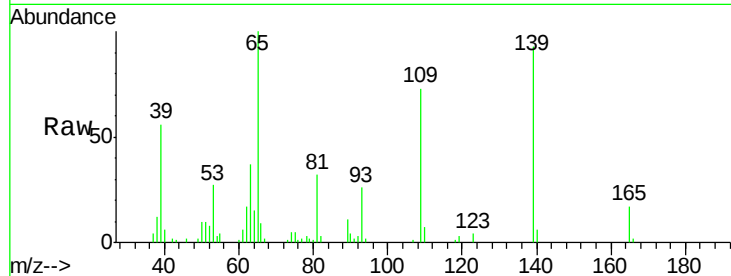
#55
4-Nitrophenol
Concen: 83.88 ng
RT: 15.47 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48729		
109	78.3	61.0	101.0	
65	107.8	96.6	136.6	

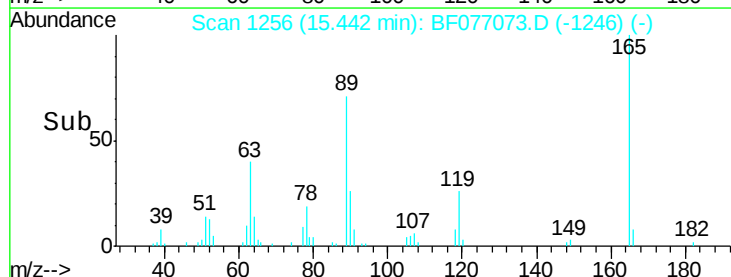
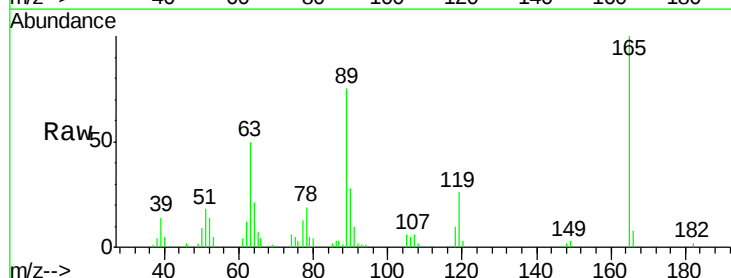
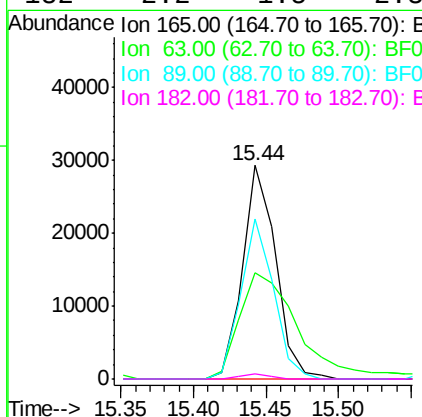
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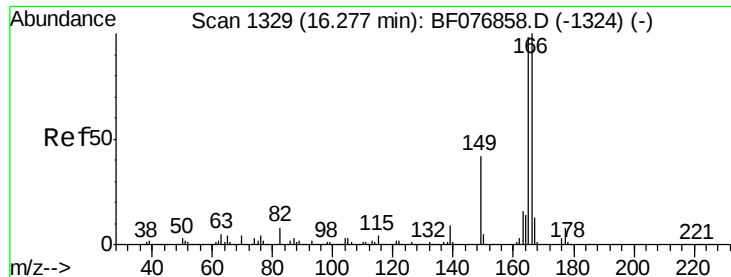
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#56
2,4-Dinitrotoluene
Concen: 42.12 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	46448		
63	49.6	44.8	67.2	
89	74.8	56.2	84.2	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 43.32 ng

RT: 16.06 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF077073.D

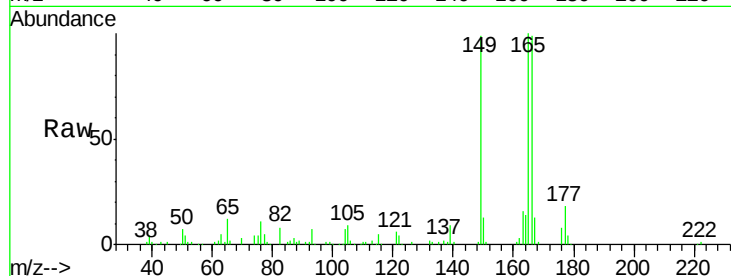
Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

ClientSampleId :

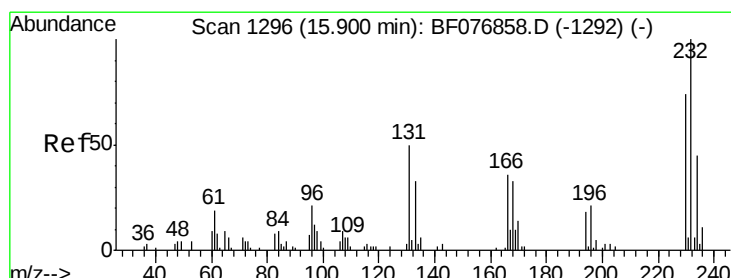
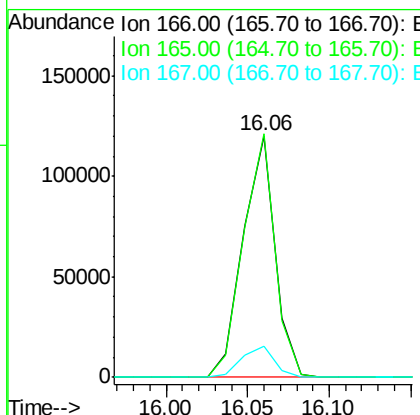
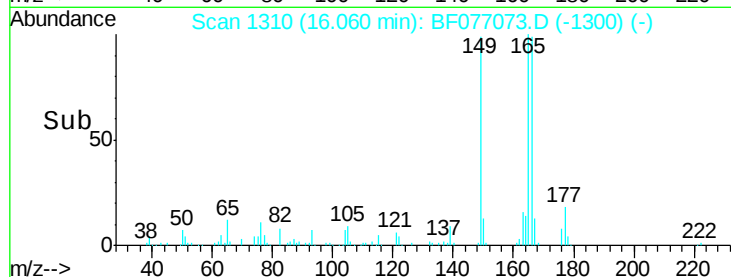
SB-84(17-19)MS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	163109		
165	100.8	78.5	117.7	
167	13.2	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

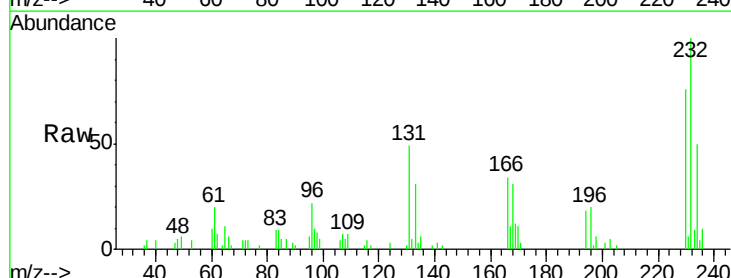
Concen: 49.63 ng

RT: 15.67 min Scan# 1276

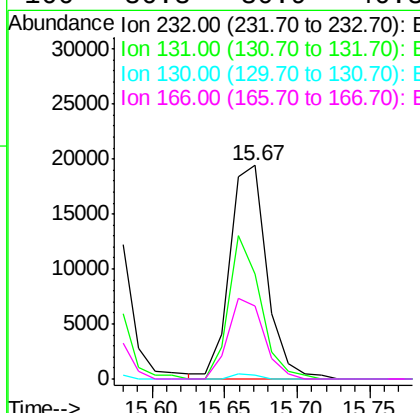
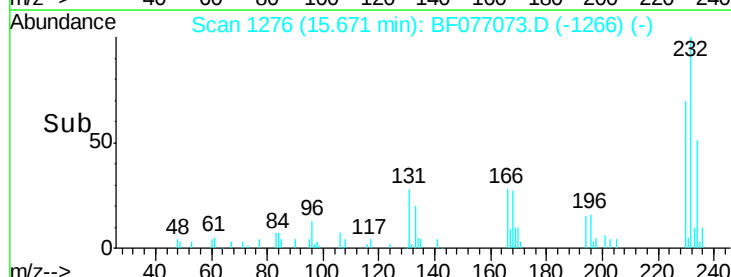
Delta R.T. 0.01 min

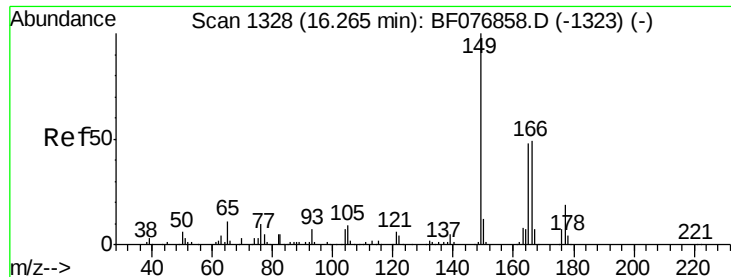
Lab File: BF077073.D

Acq: 27 Jan 2015 4:49



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	34696		
131	57.1	45.0	67.6	
130	1.8	2.6	3.8#	
166	36.3	30.9	46.3	





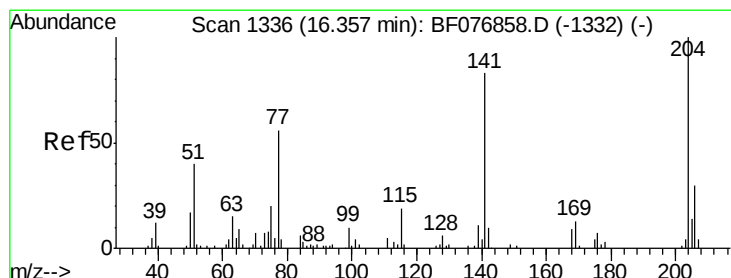
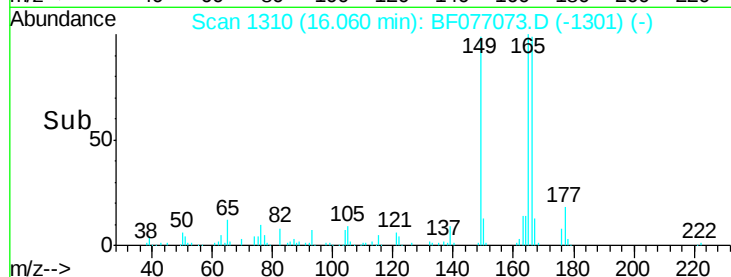
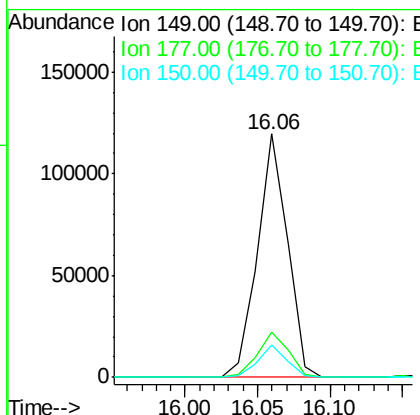
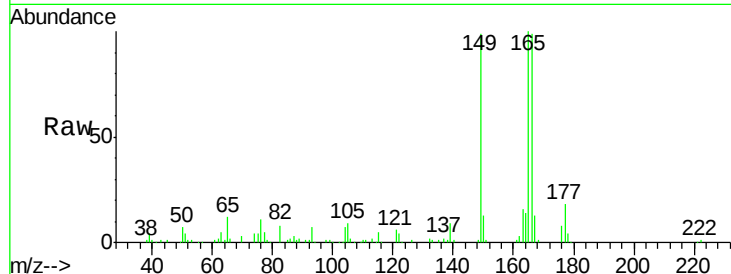
#59
Diethylphthalate
Concen: 45.69 ng
RT: 16.06 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	171130		
177	18.7	15.0	22.6	
150	13.3	9.4	14.0	

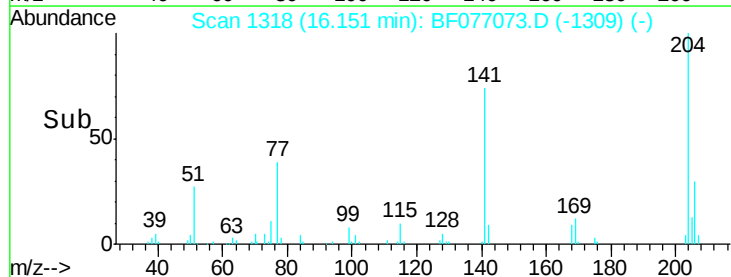
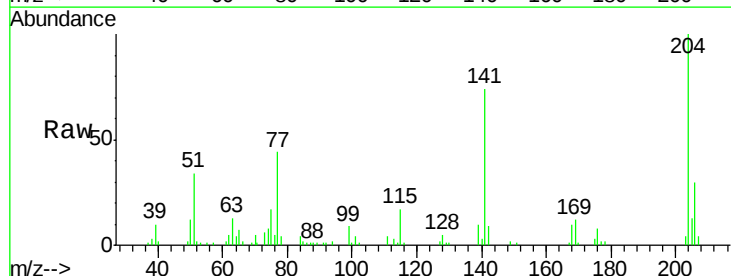
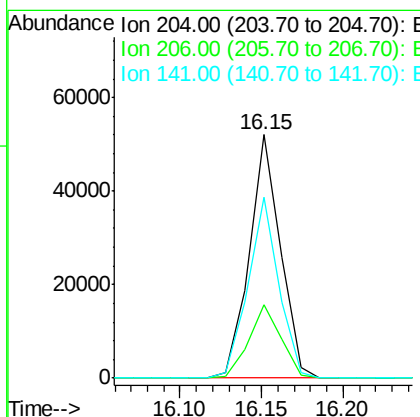
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#60
4-Chlorophenyl-phenylether
Concen: 44.48 ng
RT: 16.15 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	68530		
206	30.2	24.2	36.2	
141	74.4	66.7	100.1	





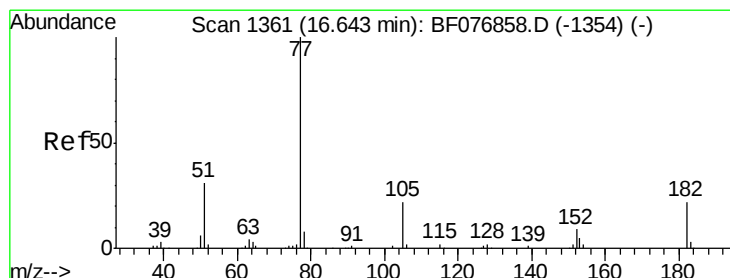
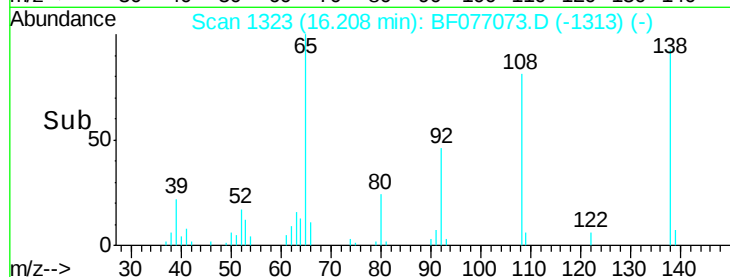
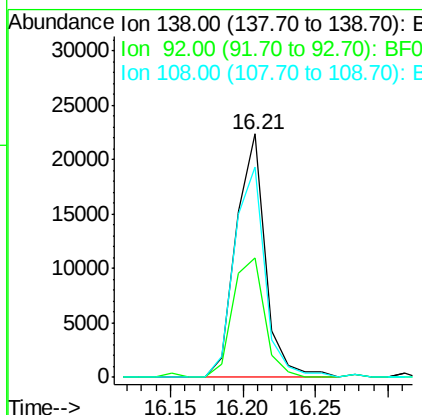
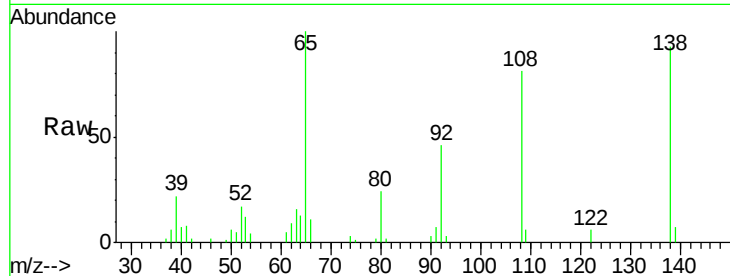
#61
4-Nitroaniline
Concen: 33.99 ng
RT: 16.21 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	26.7	66.7
108	86.5	64.5	104.5

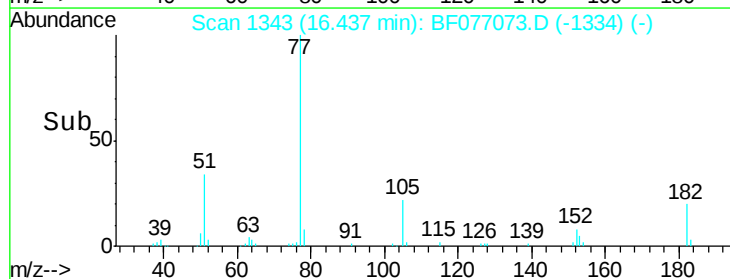
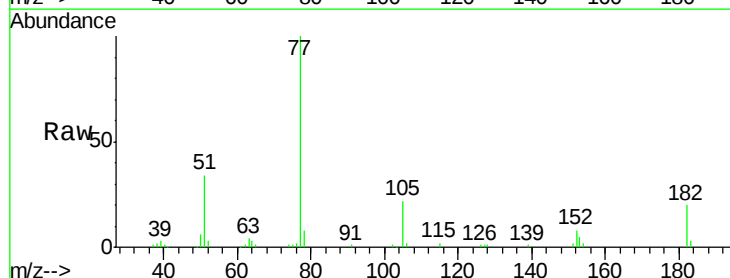
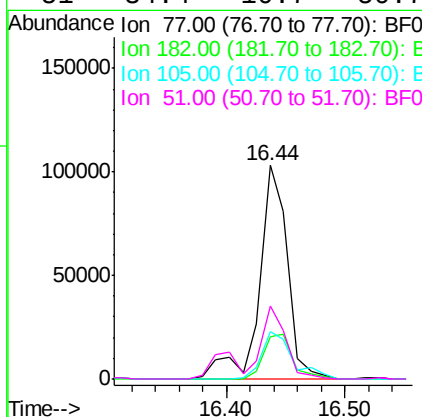
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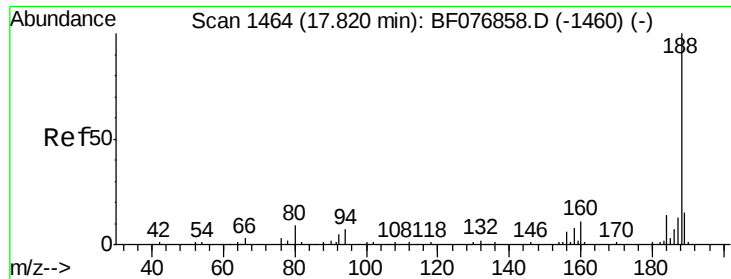
apatel
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#62
Azobenzene
Concen: 44.06 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	2.0	42.0
105	22.4	2.3	42.3
51	34.4	10.7	50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077073.D

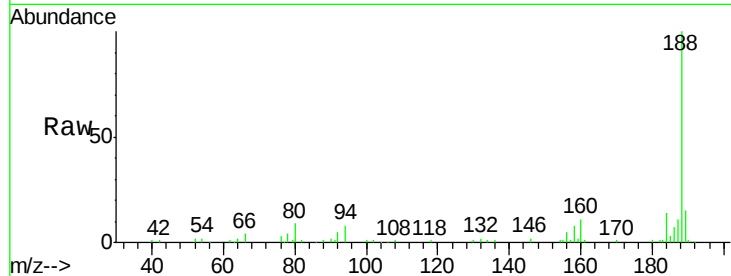
Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

ClientSampleId :

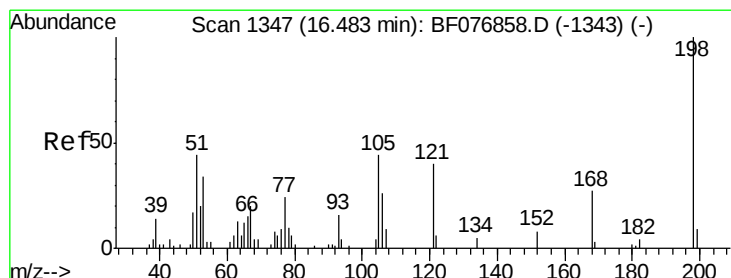
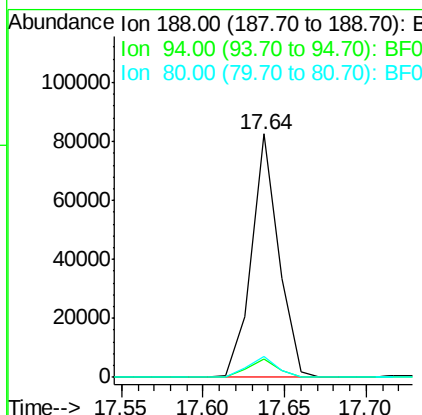
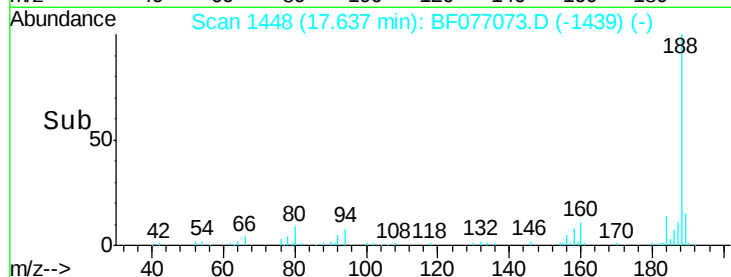
SB-84(17-19)MS



Tgt Ion:	188	Resp:	95414
Ion Ratio	100	Lower	Upper
188	100		
94	7.6	6.0	9.0
80	8.5	6.9	10.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 25.22 ng

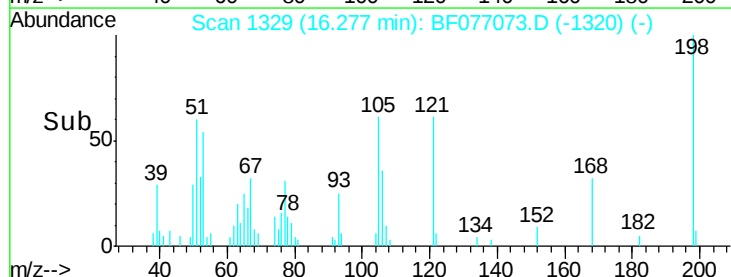
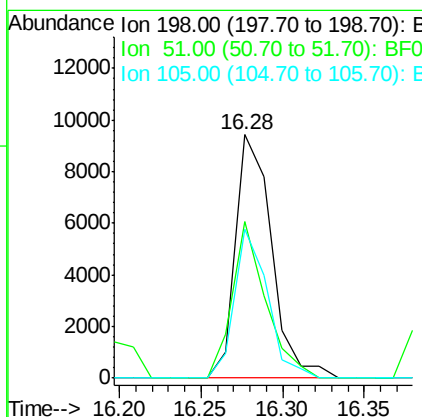
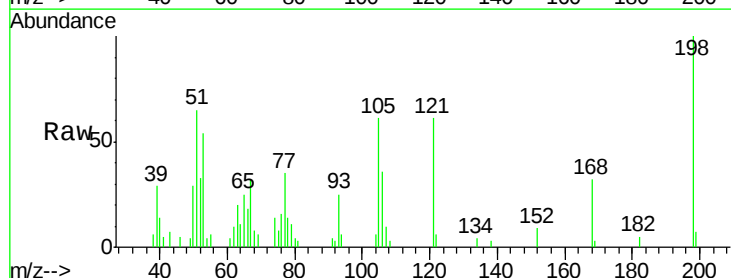
RT: 16.28 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	198	Resp:	14433
Ion Ratio	100	Lower	Upper
198	100		
51	64.5	24.2	64.2#
105	61.3	24.0	64.0





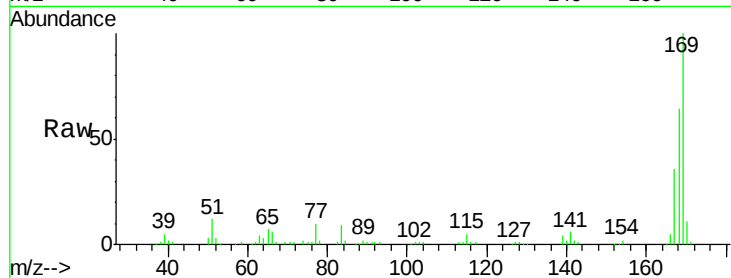
#65
 n-Nitrosodiphenylamine
 Concen: 39.56 ng
 RT: 16.40 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

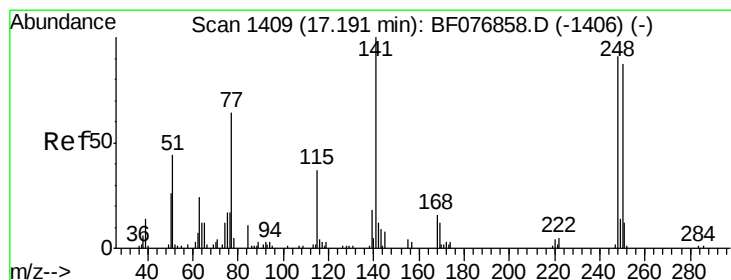
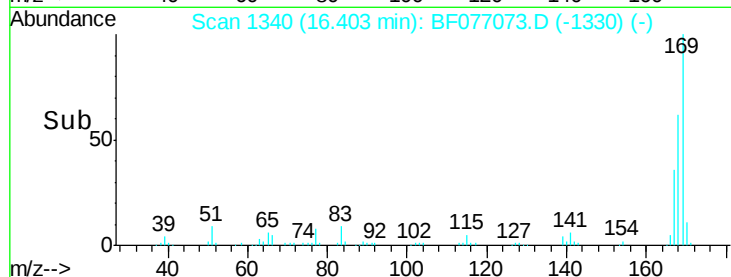
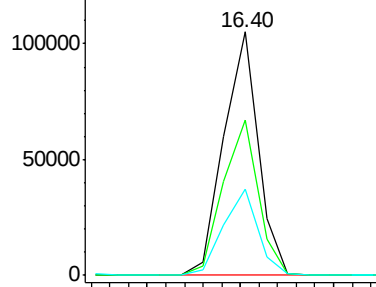
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	134585		
168	63.7	53.8	80.6	
167	35.6	27.8	41.6	

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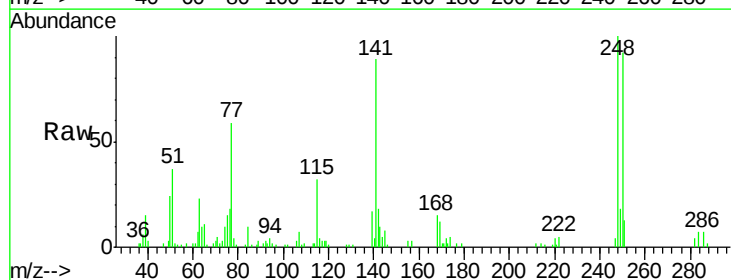


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

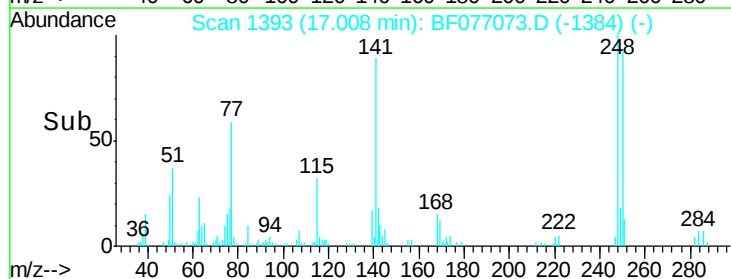
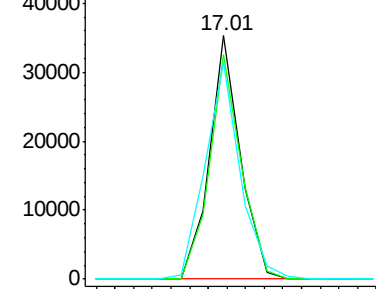


#66
 4-Bromophenyl-phenylether
 Concen: 42.14 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	40731		
250	92.3	77.1	115.7	
141	89.2	88.2	132.4	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.58 ng

RT: 17.03 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

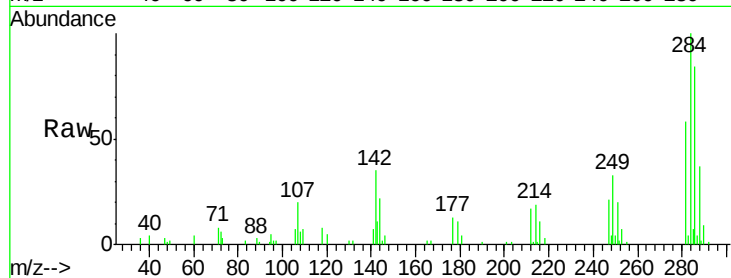
ClientSampleId :

SB-84(17-19)MS

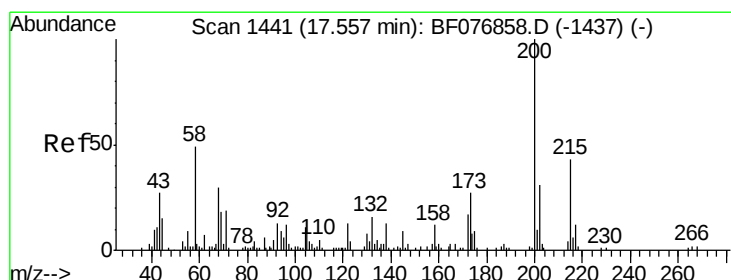
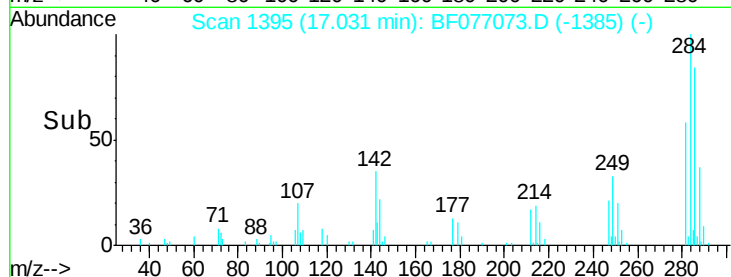
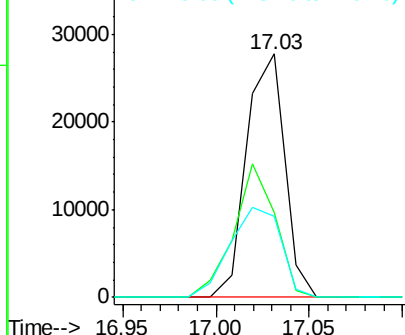
Tgt Ion:	284	Resp:	39298
Ion Ratio	Lower	Upper	
284	100		
142	34.7	38.2	57.4#
249	33.3	28.2	42.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.78 ng

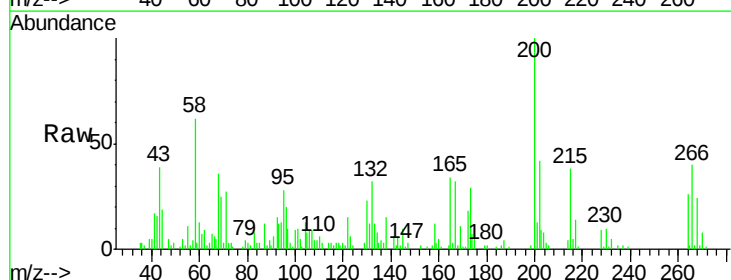
RT: 17.39 min Scan# 1426

Delta R.T. -0.00 min

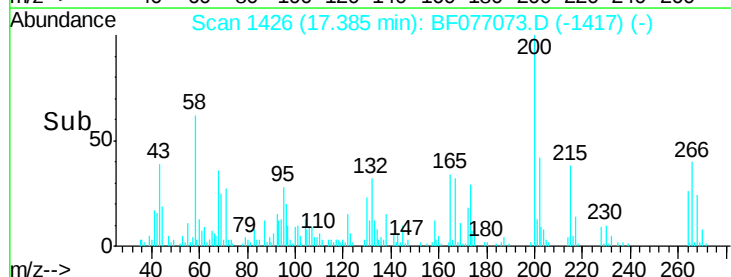
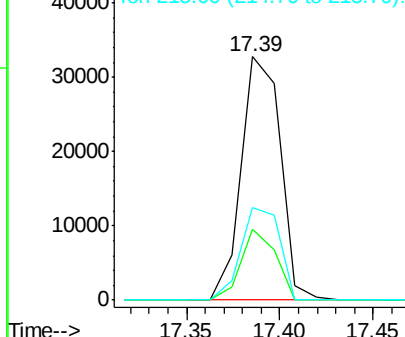
Lab File: BF077073.D

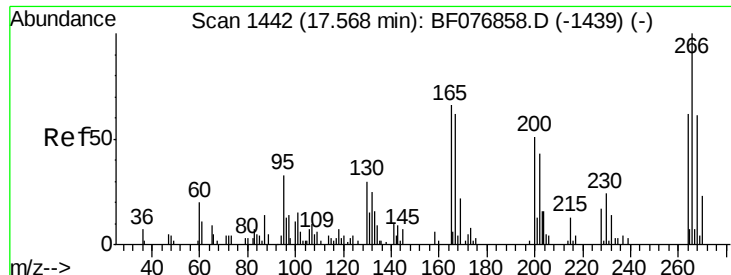
Acq: 27 Jan 2015 4:49

Tgt Ion:	200	Resp:	48300
Ion Ratio	Lower	Upper	
200	100		
173	28.9	6.6	46.6
215	38.2	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





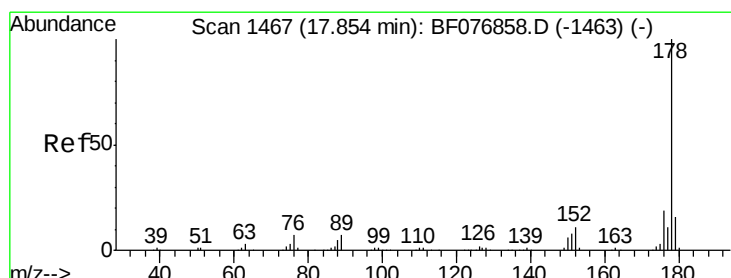
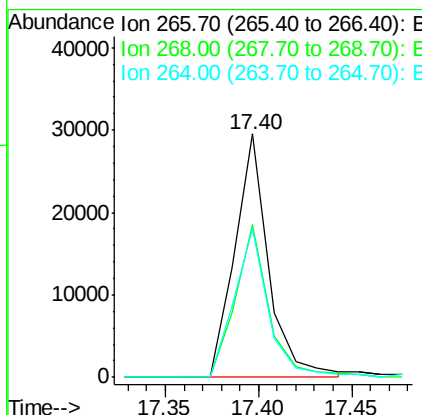
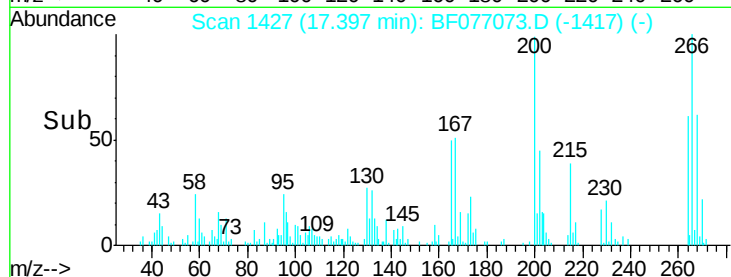
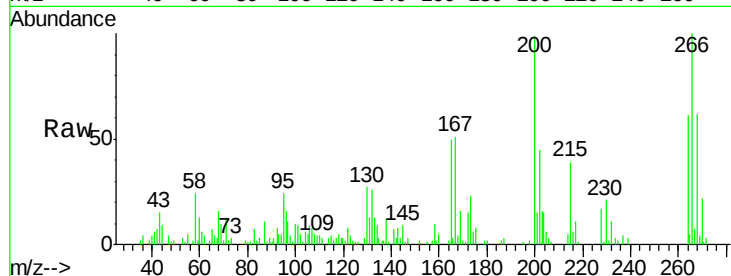
#69
Pentachlorophenol
 Concen: 79.59 ng
 RT: 17.40 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion:	266	Resp:	37173
Ion Ratio	Lower	Upper	
266	100		
268	62.5	48.6	72.8
264	61.1	49.5	74.3

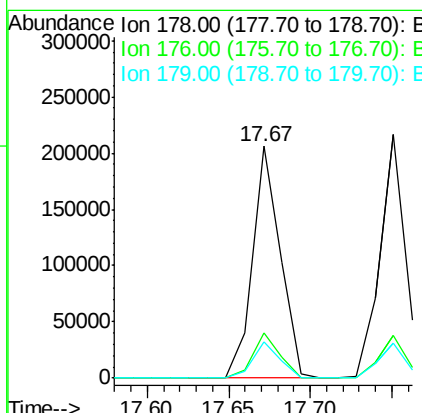
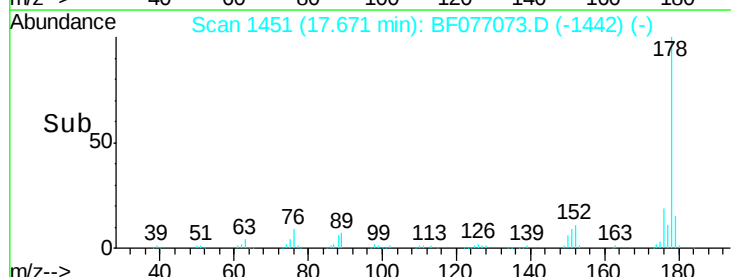
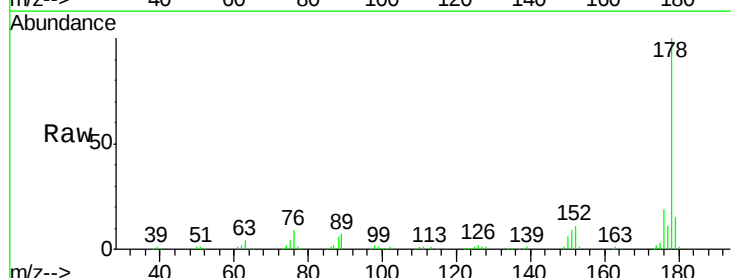
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#70
Phenanthrene
 Concen: 40.76 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion:	178	Resp:	242549
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.1	22.7
179	15.4	12.7	19.1





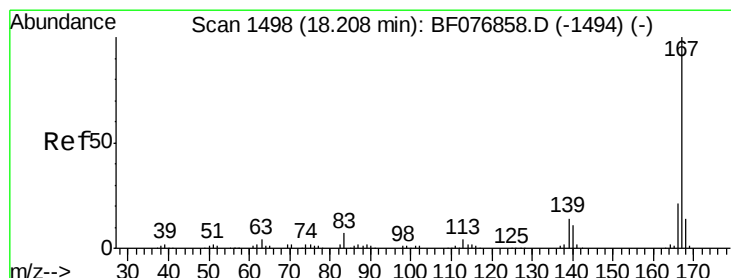
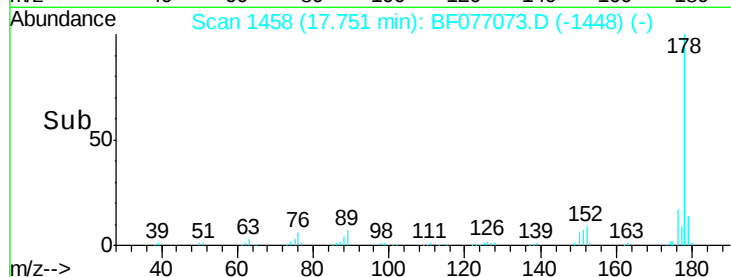
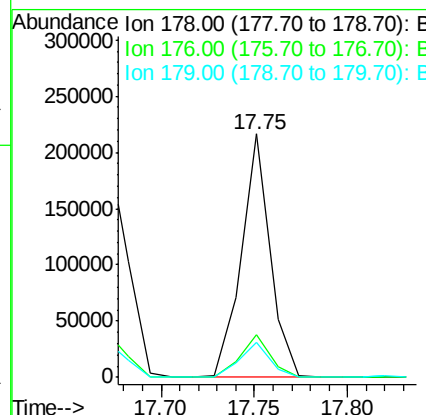
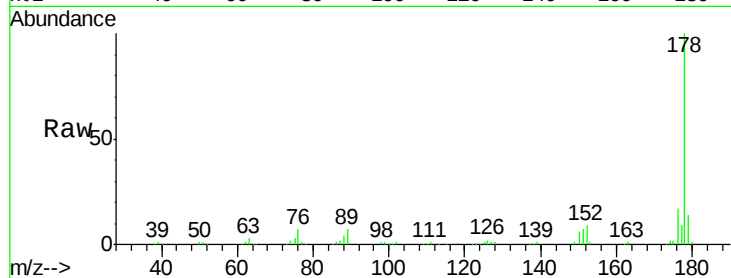
#71
 Anthracene
 Concen: 40.53 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.0
179	14.4	11.9	17.9

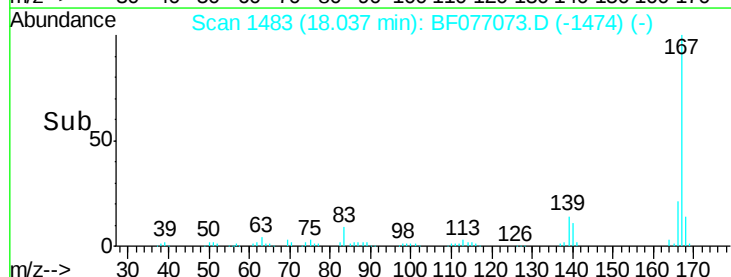
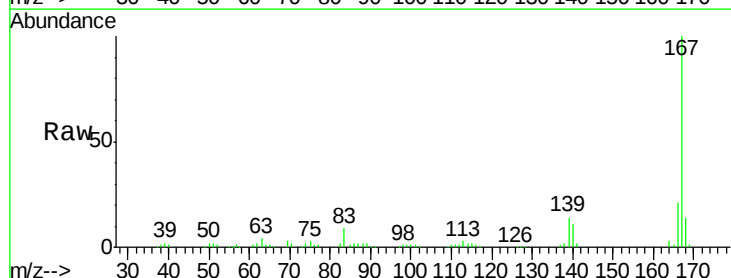
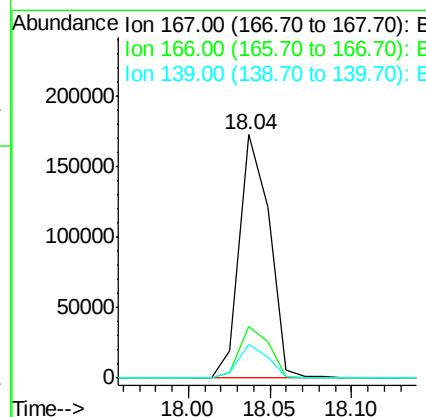
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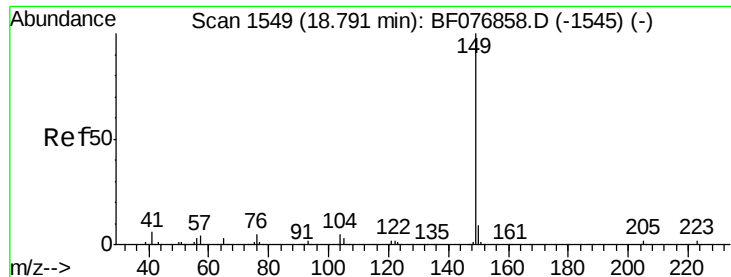
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#72
 Carbazole
 Concen: 39.09 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.9	11.3	16.9





#73

Di-n-butylphthalate

Concen: 43.43 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

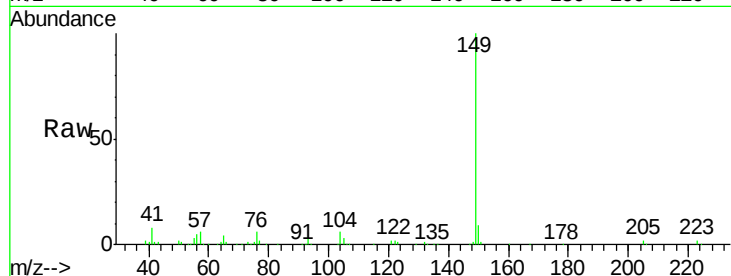
ClientSampleId :

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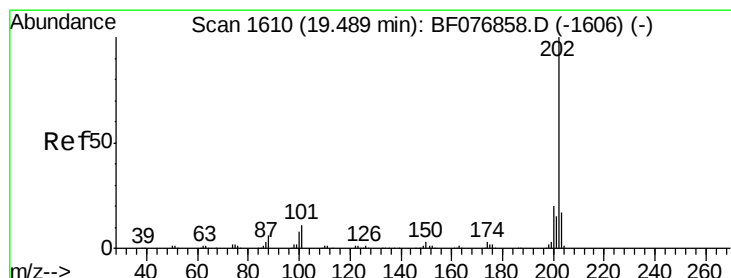
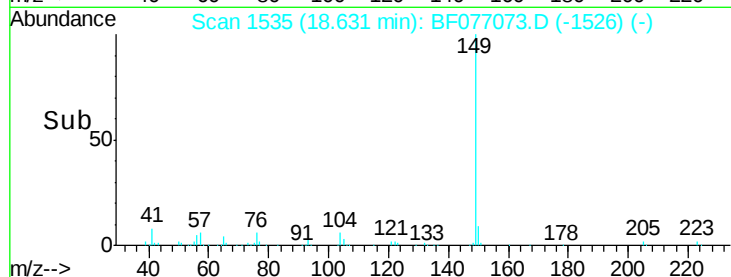
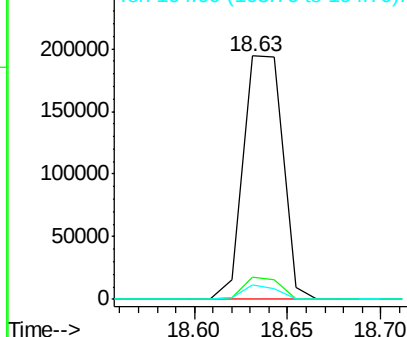
Tgt Ion:	149	Resp:	282903
Ion Ratio		Lower	Upper
149	100		
150	9.1	6.9	10.3
104	5.9	3.7	5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.33 ng

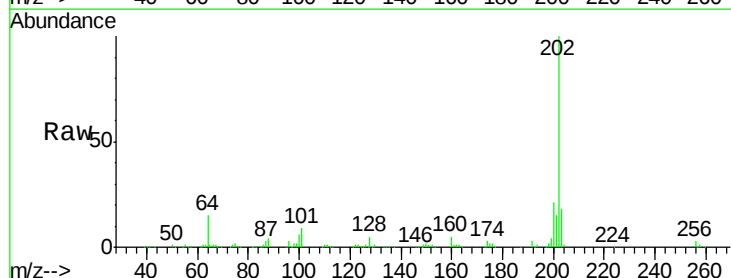
RT: 19.33 min Scan# 1596

Delta R.T. 0.01 min

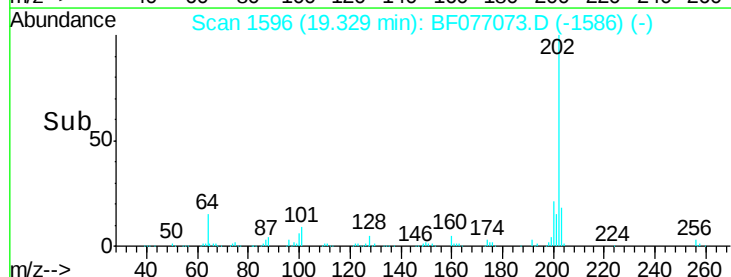
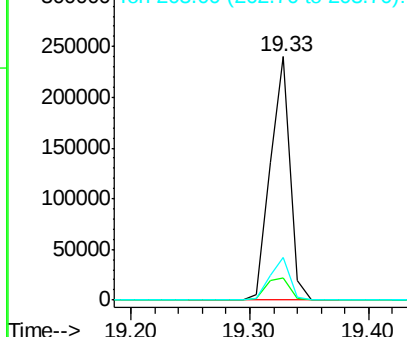
Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	202	Resp:	276372
Ion Ratio		Lower	Upper
202	100		
101	8.9	0.0	30.7
203	17.7	0.0	36.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

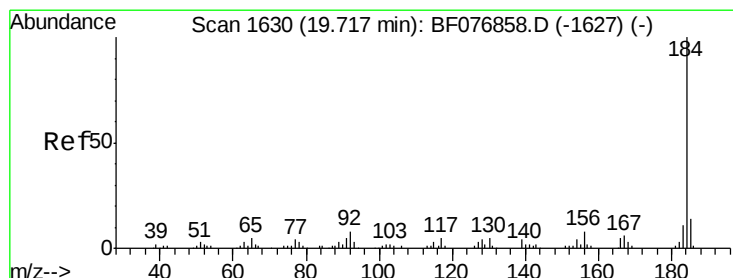
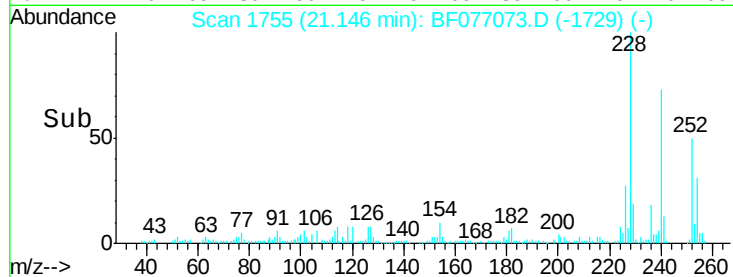
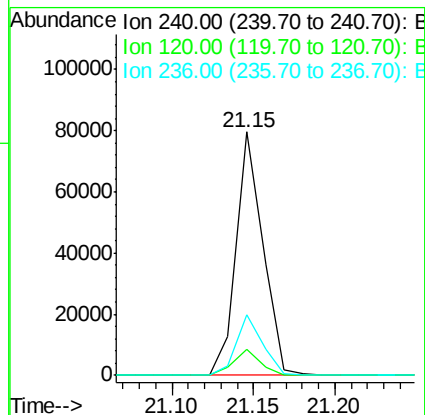
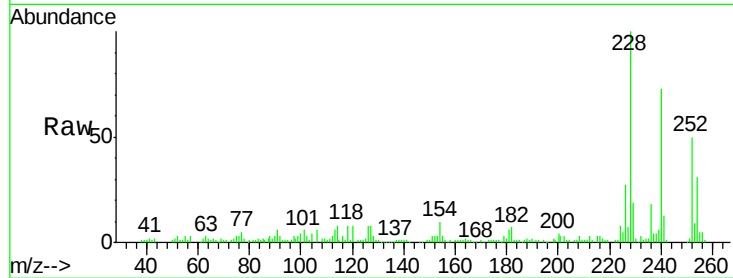
ClientSampleId :

SB-84(17-19)MS

Tgt Ion:	240	Resp:	89383
Ion Ratio	Lower	Upper	
240	100		
120	10.7	10.4	15.6
236	24.8	20.2	30.2

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#76

Benzidine

Concen: 50.39 ng

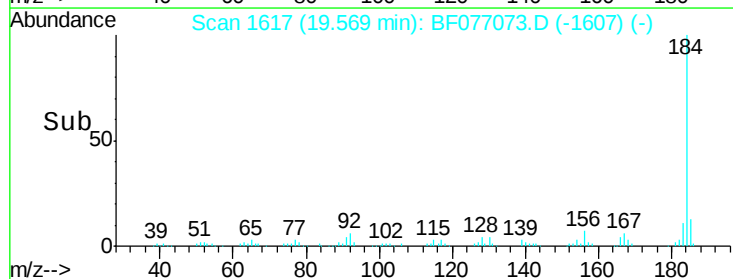
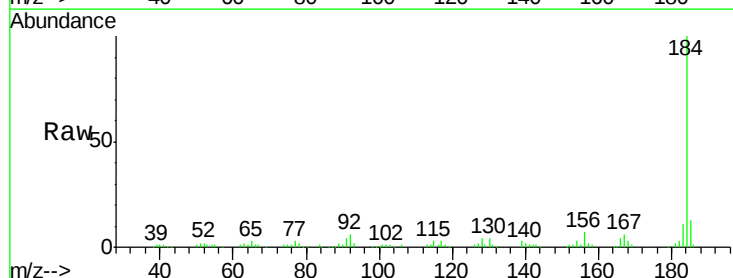
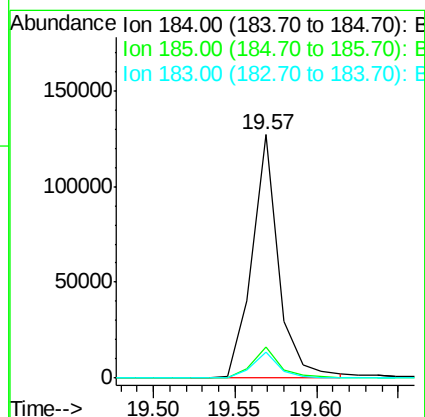
RT: 19.57 min Scan# 1617

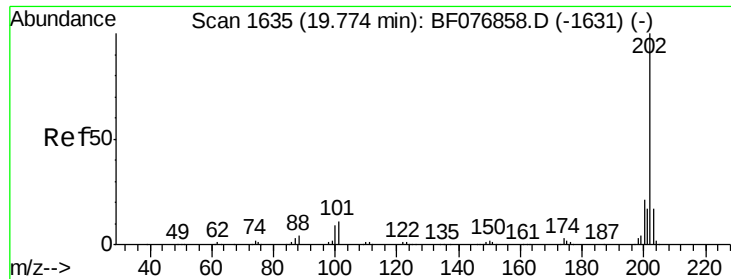
Delta R.T. 0.01 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion:	184	Resp:	144131
Ion Ratio	Lower	Upper	
184	100		
185	13.0	11.4	17.2
183	10.6	9.0	13.6





#77

Pyrene

Concen: 44.34 ng

RT: 19.60 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF077073.D

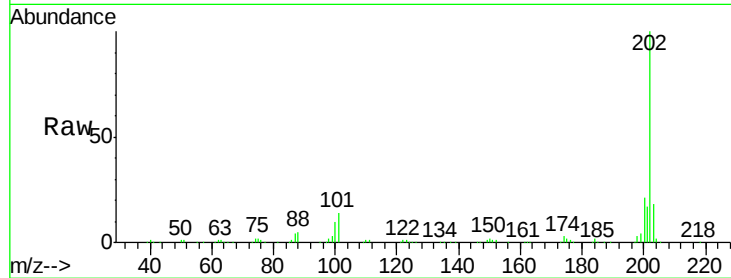
Acq: 27 Jan 2015 4:49

Instrument :

BNA_F

ClientSampleId :

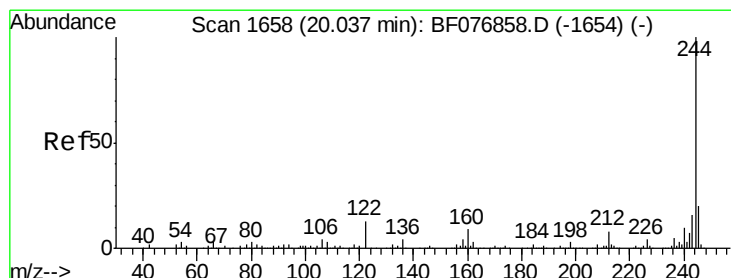
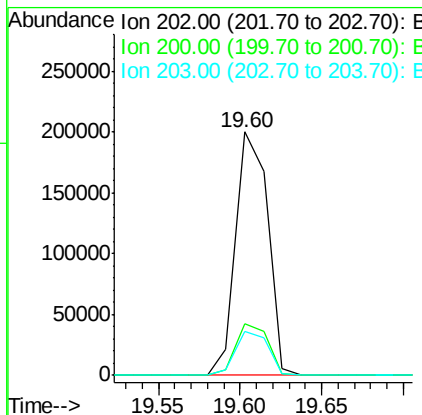
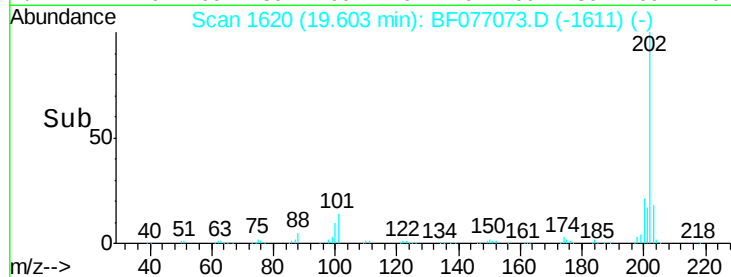
SB-84(17-19)MS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	271591		
200	21.0	16.7	25.1	
203	18.3	14.0	21.0	

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#78

Terphenyl-d14

Concen: 68.07 ng

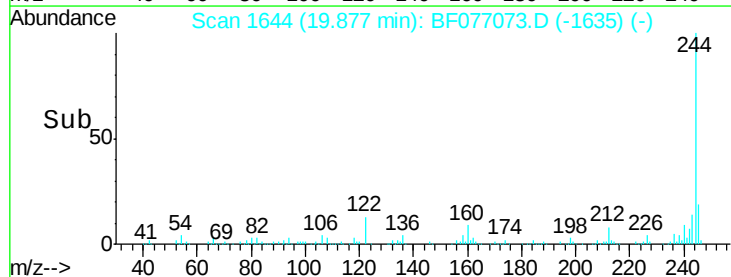
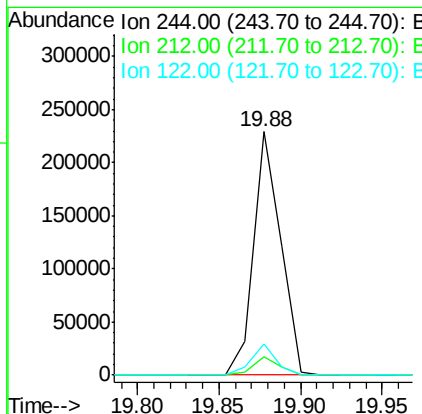
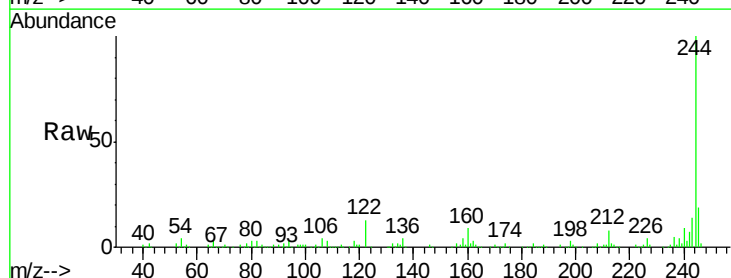
RT: 19.88 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF077073.D

Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	264277		
212	7.6	6.3	9.5	
122	12.6	10.1	15.1	





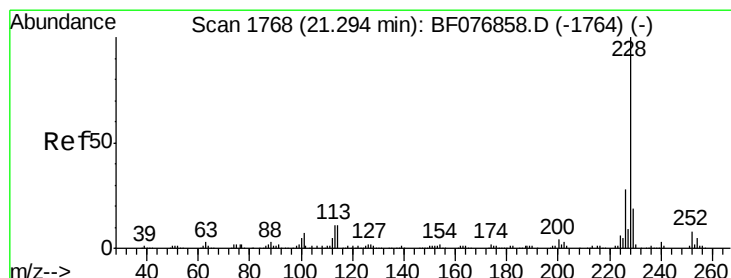
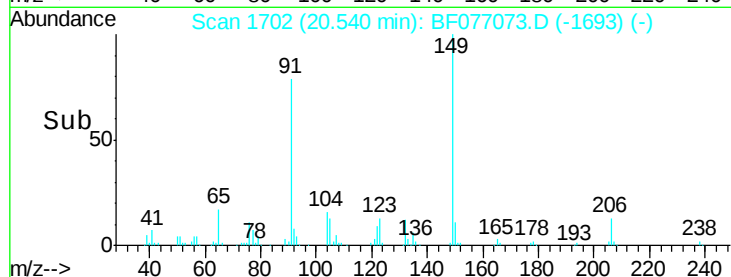
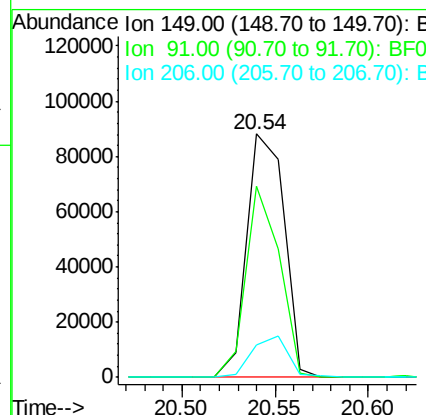
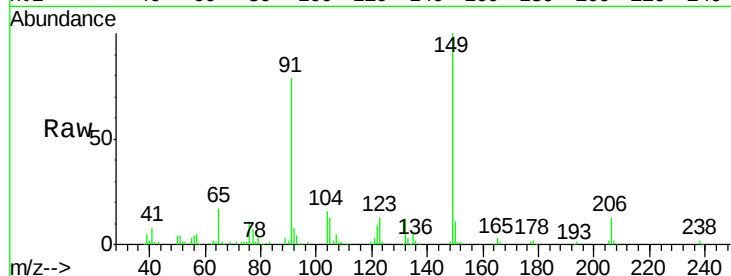
#79
Butylbenzylphthalate
Concen: 44.40 ng
RT: 20.54 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.7	50.6	76.0#
206	13.2	12.8	19.2

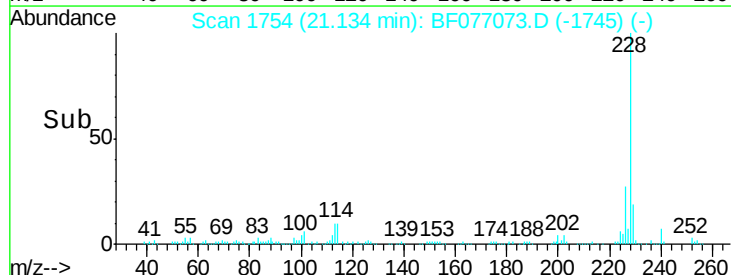
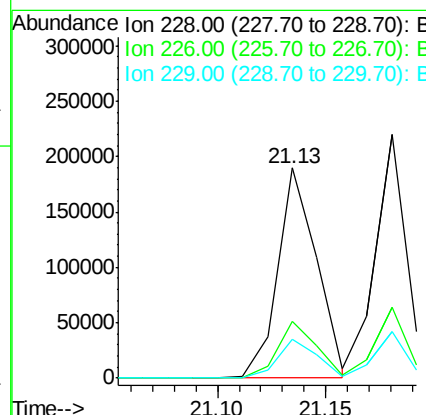
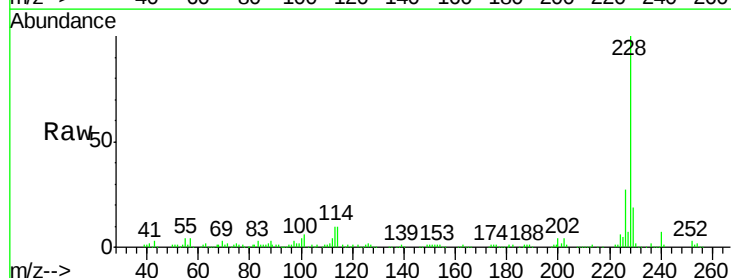
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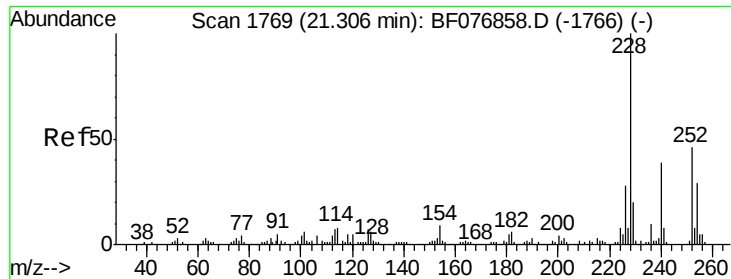
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#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	22.1	33.1
229	18.6	15.5	23.3





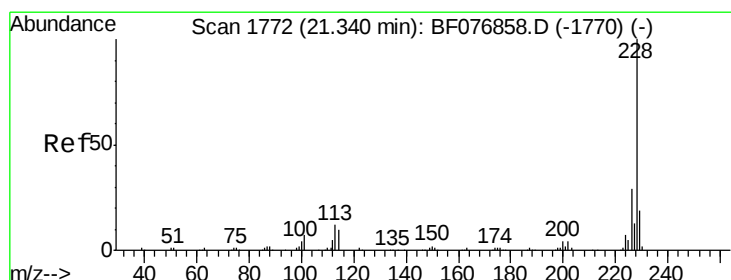
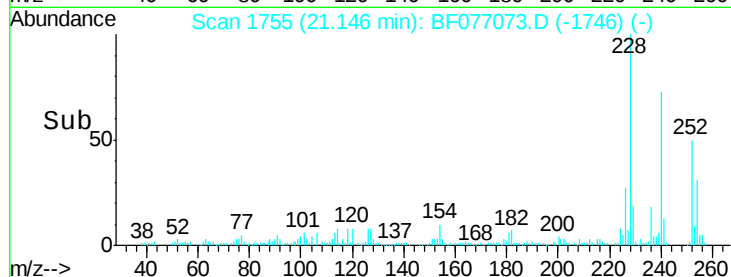
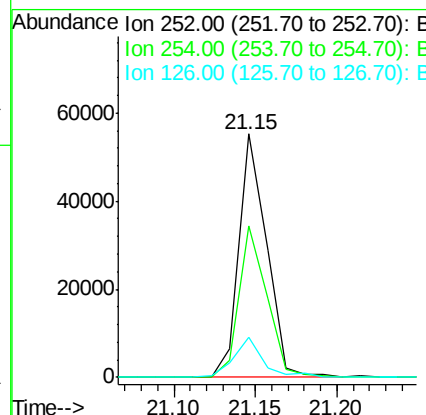
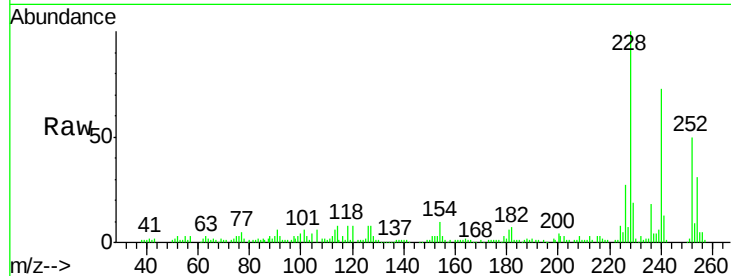
#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	64624		
254	62.1	50.2	75.4	
126	16.3	11.5	17.3	

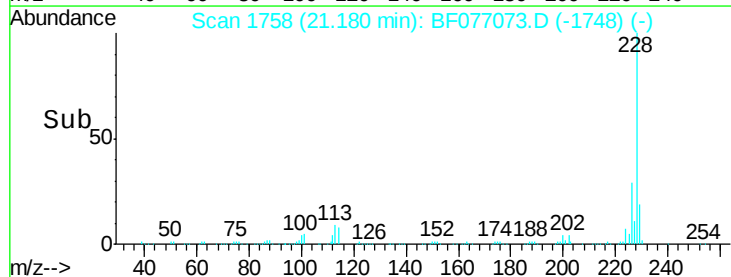
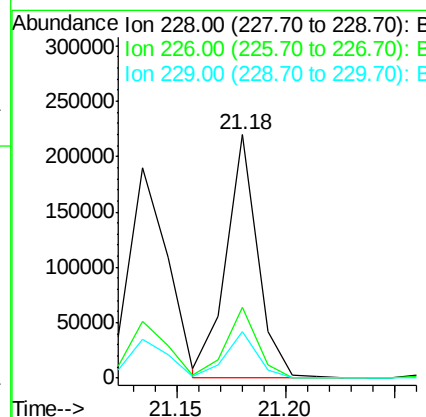
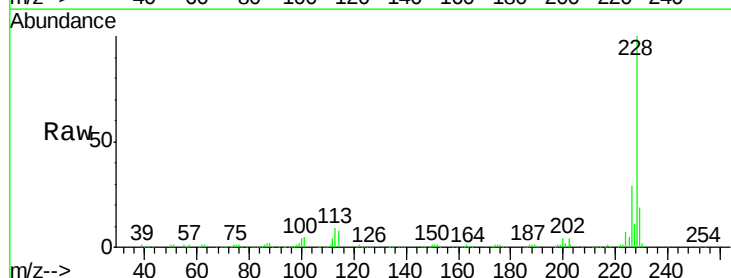
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#82
 Chrysene
 Concen: 42.71 ng
 RT: 21.18 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	218415		
226	29.3	23.4	35.0	
229	19.2	15.4	23.0	





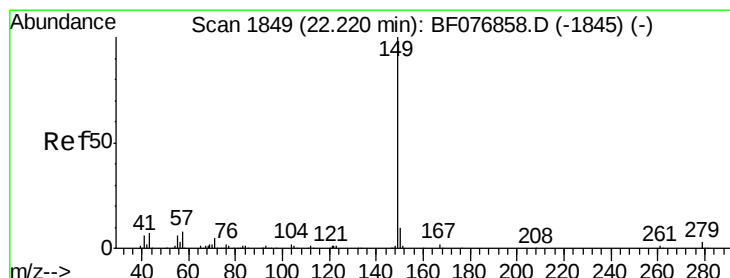
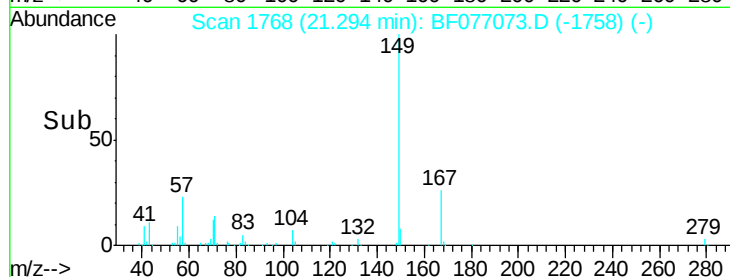
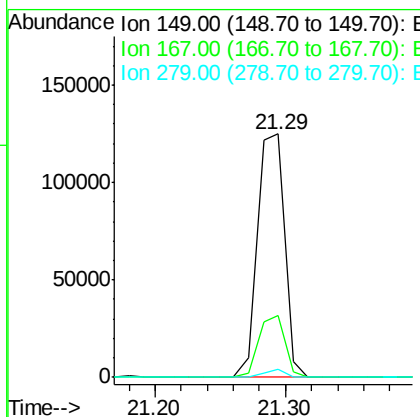
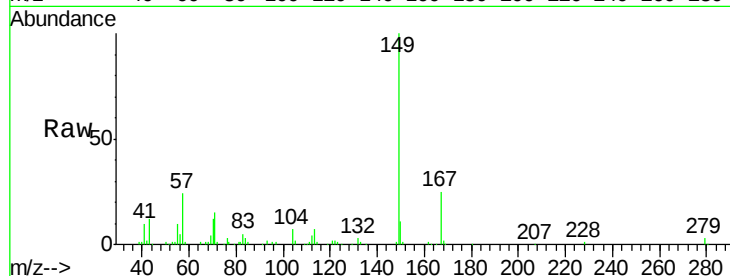
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.65 ng
 RT: 21.29 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	25.3	20.6	30.8
279	3.3	2.2	3.2#

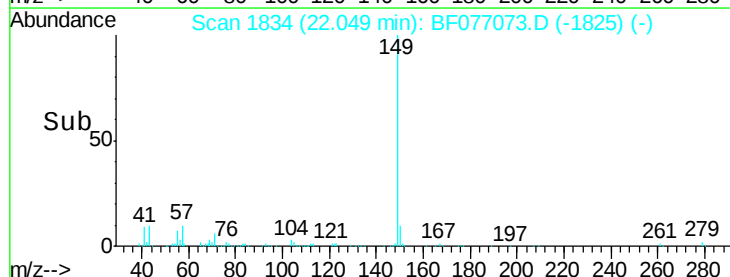
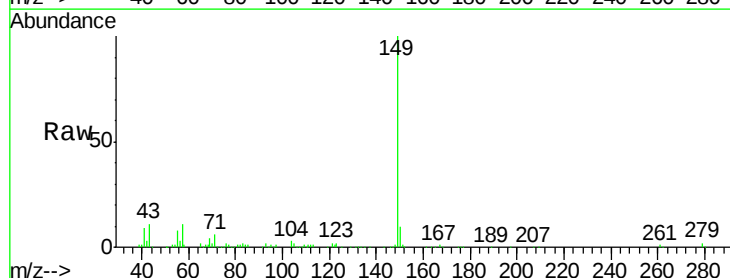
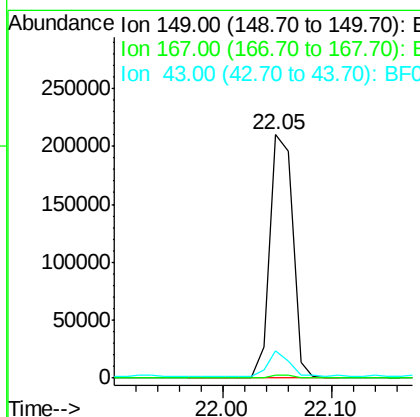
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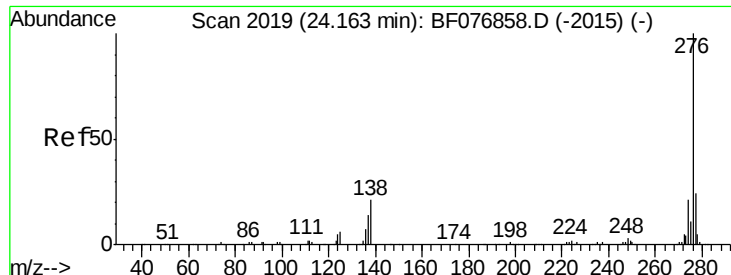
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#84
 Di-n-octyl phthalate
 Concen: 46.50 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	9.4	6.6	10.0





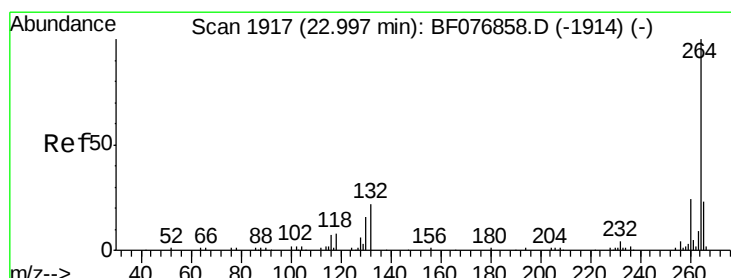
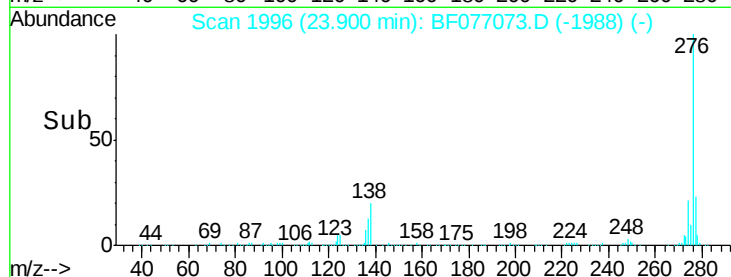
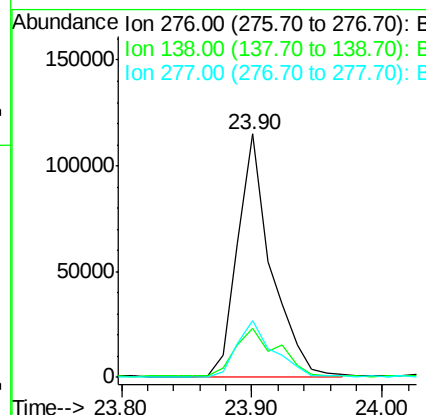
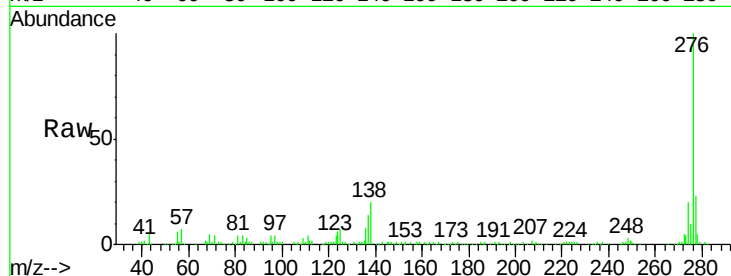
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.05 ng
 RT: 23.90 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	206248		
138	24.8	14.6	22.0#	
277	25.7	14.8	22.2#	

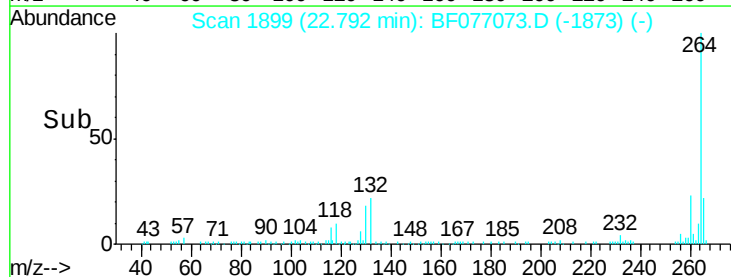
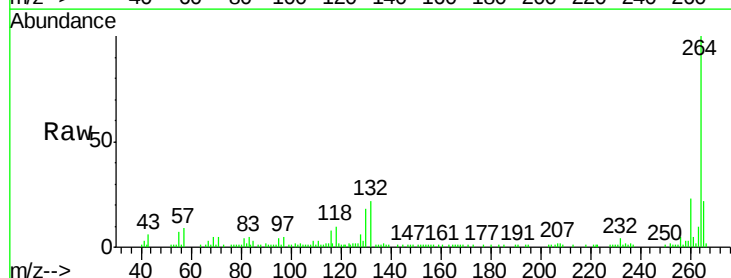
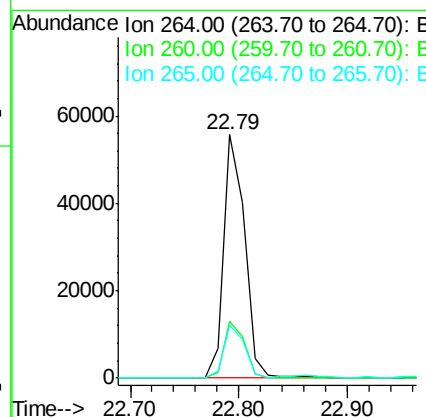
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.79 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	74965		
260	23.5	19.0	28.4	
265	21.8	18.1	27.1	





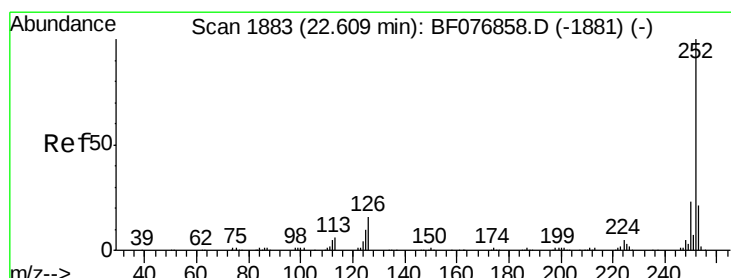
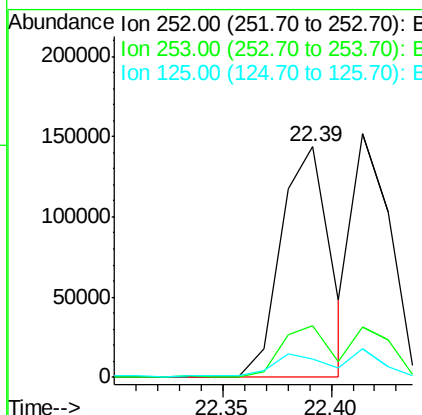
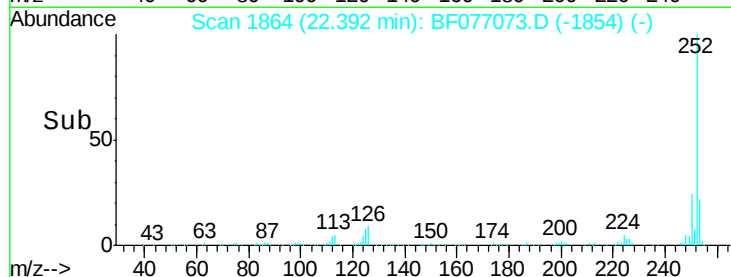
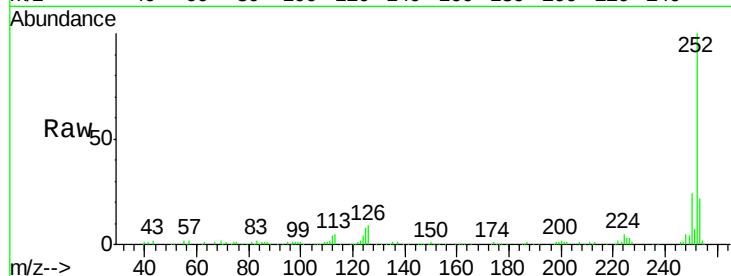
#87
Benzo(b)fluoranthene
Concen: 44.30 ng
RT: 22.39 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.1	9.4	14.0

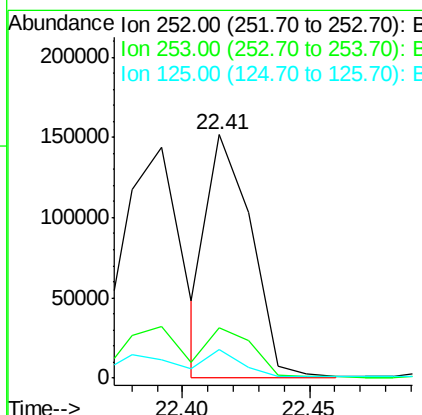
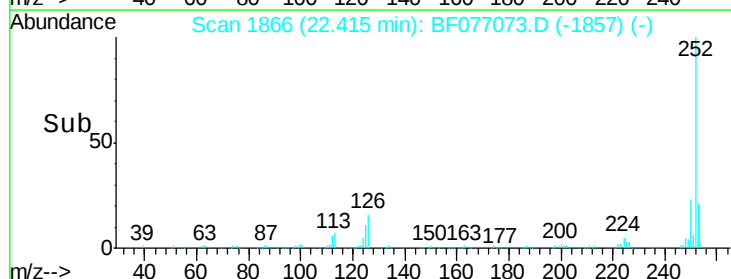
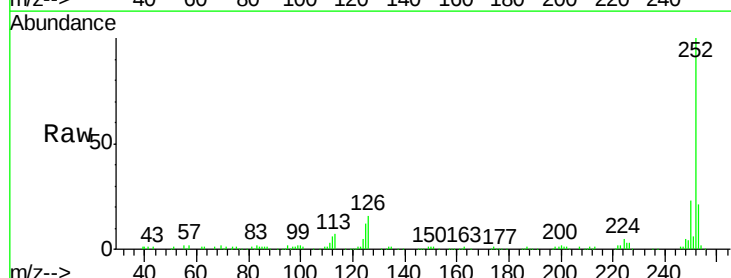
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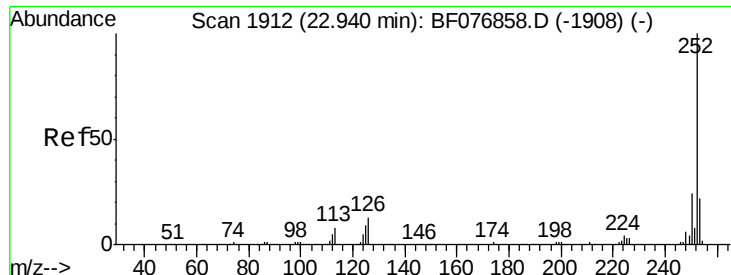
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#88
Benzo(k)fluoranthene
Concen: 41.44 ng m
RT: 22.41 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	20.8	17.2	25.8
125	11.8	7.1	10.7





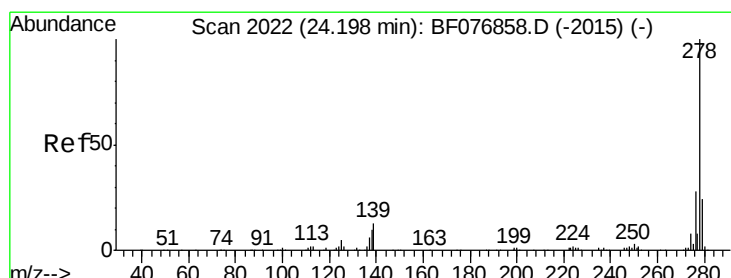
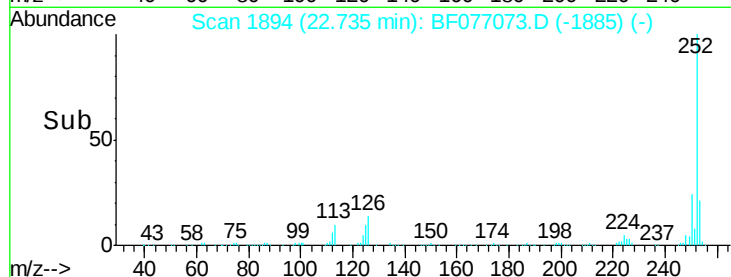
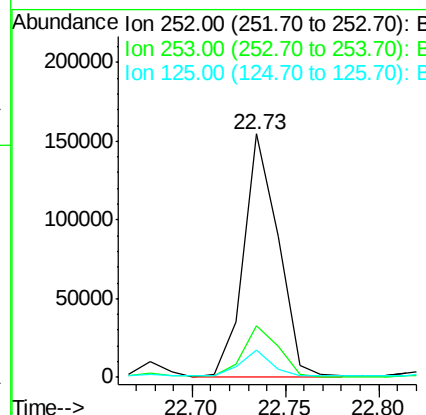
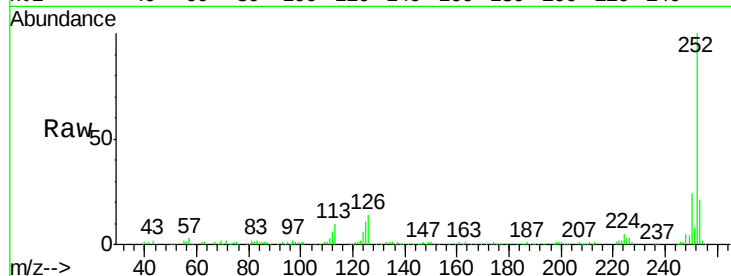
#89
Benzo(a)pyrene
Concen: 44.56 ng
RT: 22.73 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Instrument :
BNA_F
ClientSampleId :
SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.3	17.9	26.9
125	11.1	7.2	10.8

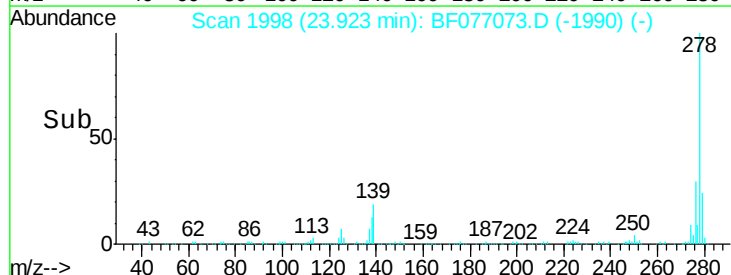
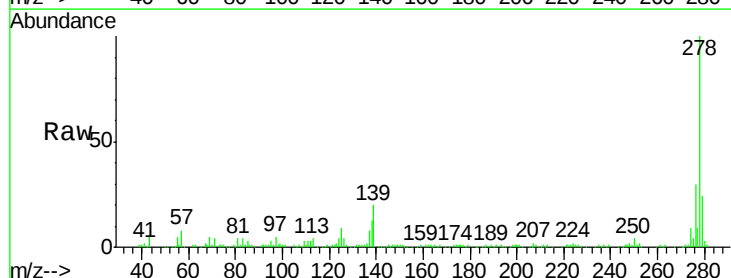
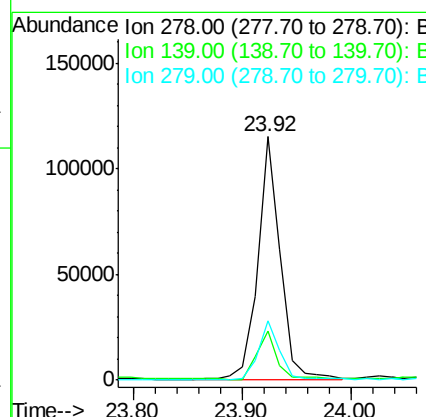
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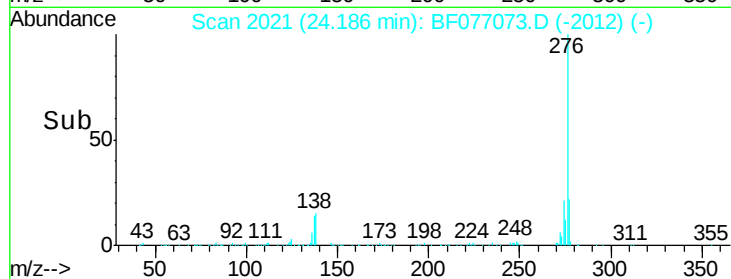
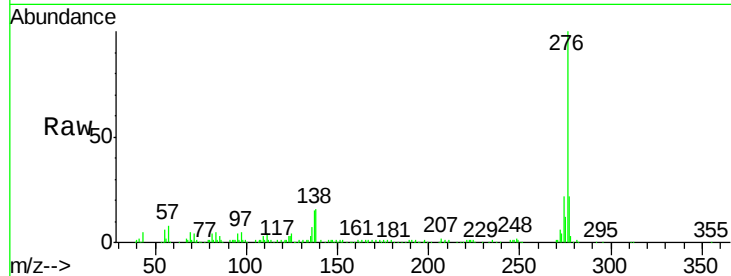
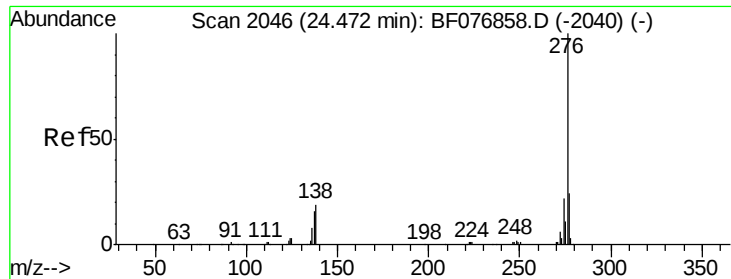
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#90
Dibenzo(a,h)anthracene
Concen: 40.18 ng
RT: 23.92 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF077073.D
Acq: 27 Jan 2015 4:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	20.0	10.5	15.7
279	24.3	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 43.06 ng
 RT: 24.19 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF077073.D
 Acq: 27 Jan 2015 4:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-84(17-19)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.1	19.5	29.3
138	15.7	15.0	22.6

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