

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084074.D
 Acq On : 24 Dec 2015 12:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:08:32 PM

Quant Time: Dec 25 06:26:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48127	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	196282	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	88607	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	163240	20.00	ng	0.00
75) Chrysene-d12	13.96	240	111053	20.00	ng	0.00
86) Perylene-d12	15.38	264	91776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	239785	84.47	ng	0.00
7) Phenol-d6	6.45	99	274970	78.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	247564	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	68002	71.97	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	494576	76.37	ng	0.00
78) Terphenyl-d14	12.90	244	424940	69.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	48803	41.95	ng	97
3) Pyridine	3.06	79	139189	48.99	ng	98
4) n-Nitrosodimethylamine	3.01	42	53489	42.72	ng	96
6) Aniline	6.46	93	192697	43.40	ng	91
8) 2-Chlorophenol	6.59	128	142201	40.34	ng	97
9) Benzaldehyde	6.35	77	92172	49.07	ng	89
10) Phenol	6.48	94	150764	37.53	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	113373	39.13	ng	94
12) 1,3-Dichlorobenzene	6.82	146	157526	40.93	ng	99
13) 1,4-Dichlorobenzene	6.74	146	155102	40.05	ng	95
14) 1,2-Dichlorobenzene	6.97	146	131525	36.85	ng	95
15) Benzyl Alcohol	6.96	79	122644	46.11	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	105368	37.23	ng	# 40
17) 2-Methylphenol	7.07	107	101303	37.43	ng	# 90
18) Hexachloroethane	7.31	117	56547	40.01	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	80236	37.08	ng	# 85
20) 3+4-Methylphenols	7.23	107	132844	38.47	ng	# 50
22) Acetophenone	7.22	105	200111	40.80	ng	# 90
24) Nitrobenzene	7.39	77	141903	39.85	ng	91
25) Isophorone	7.63	82	231394	37.31	ng	97
26) 2-Nitrophenol	7.71	139	72250	39.65	ng	94
27) 2,4-Dimethylphenol	7.76	122	130464	43.14	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	132683	36.69	ng	99
29) 2,4-Dichlorophenol	7.96	162	107219	38.17	ng	91
30) 1,2,4-Trichlorobenzene	8.03	180	118699	38.56	ng	98
31) Naphthalene	8.11	128	414681	39.71	ng	99
32) Benzoic acid	7.88	122	44768	30.87	ng	89
33) 4-Chloroaniline	8.17	127	159198	38.31	ng	# 88
34) Hexachlorobutadiene	8.22	225	62229	35.45	ng	96
35) Caprolactam	8.54	113	34717	44.57	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	130794	41.41	ng	100
37) 2-Methylnaphthalene	8.80	142	249351	38.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	117036	41.90	ng	99
40) Hexachlorocyclopentadiene	8.96	237	23499	38.88	ng	98

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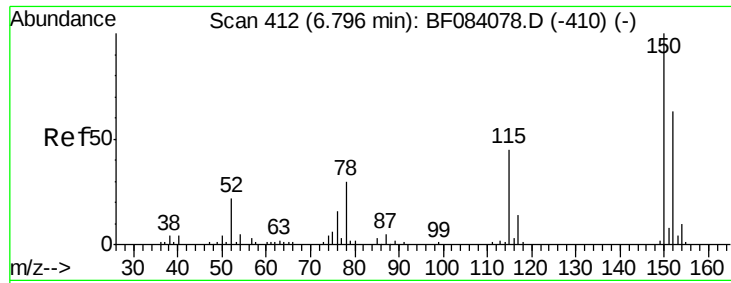
Manual Integrations
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 12/28/2015 1:08:32 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70288	38.59	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	72147	39.58	ng #	78
45) 1,1'-Biphenyl	9.26	154	344460	43.03	ng	98
46) 2-Chloronaphthalene	9.29	162	239752	39.40	ng	97
47) 2-Nitroaniline	9.39	65	71336	44.11	ng #	66
48) Acenaphthylene	9.70	152	366066	36.63	ng	99
49) Dimethylphthalate	9.57	163	286084	38.98	ng #	91
50) 2,6-Dinitrotoluene	9.63	165	63370	40.68	ng #	79
51) Acenaphthene	9.87	154	214803	36.96	ng	99
52) 3-Nitroaniline	9.80	138	71933	43.03	ng	85
53) 2,4-Dinitrophenol	9.92	184	15108	35.48	ng	96
54) Dibenzofuran	10.04	168	319088	39.92	ng	91
55) 4-Nitrophenol	9.98	139	33567	39.34	ng	90
56) 2,4-Dinitrotoluene	10.03	165	77651	37.76	ng #	82
57) Fluorene	10.38	166	257969	37.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	55717	42.87	ng	97
59) Diethylphthalate	10.26	149	270086	36.23	ng	94
60) 4-Chlorophenyl-phenylether	10.37	204	108919	34.76	ng #	80
61) 4-Nitroaniline	10.42	138	68311	44.21	ng	86
62) Azobenzene	10.53	77	248802	40.51	ng	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	31700	34.99	ng	82
65) n-Nitrosodiphenylamine	10.50	169	243221	41.80	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	75230	39.78	ng #	76
67) Hexachlorobenzene	10.93	284	76668	37.03	ng #	71
68) Atrazine	11.02	200	61984	35.37	ng	98
69) Pentachlorophenol	11.14	266	20682	35.16	ng	99
70) Phenanthrene	11.35	178	398362	41.16	ng	100
71) Anthracene	11.40	178	381214	37.67	ng	99
72) Carbazole	11.55	167	326216	37.89	ng	99
73) Di-n-butylphthalate	11.88	149	408918	36.87	ng #	98
74) Fluoranthene	12.53	202	427082	41.78	ng	95
76) Benzidine	12.65	184	148837	39.43	ng	98
77) Pyrene	12.76	202	409733	42.77	ng	99
79) Butylbenzylphthalate	13.38	149	149962	37.81	ng #	76
80) Benzo(a)anthracene	13.95	228	273156	39.99	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	89675	43.35	ng #	97
82) Chrysene	13.99	228	253527	40.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	190708	37.21	ng #	96
84) Di-n-octyl phthalate	14.55	149	288128	39.96	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	266752	42.29	ng	98
87) Benzo(b)fluoranthene	15.00	252	435507	63.90	ng	100
88) Benzo(k)fluoranthene	15.00	252	435507	94.29	ng #	96
89) Benzo(a)pyrene	15.32	252	219103	39.02	ng	99
90) Dibenzo(a,h)anthracene	16.76	278	219542	40.06	ng	98
91) Benzo(g,h,i)perylene	17.19	276	226567	40.51	ng	98

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



#1

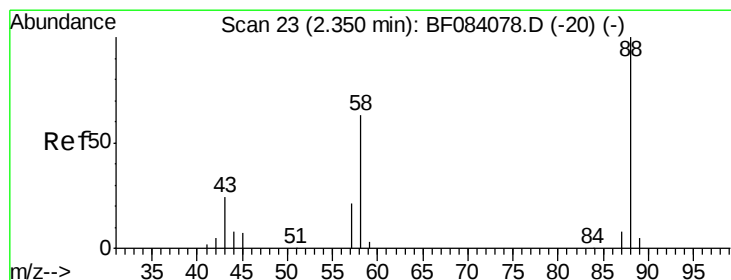
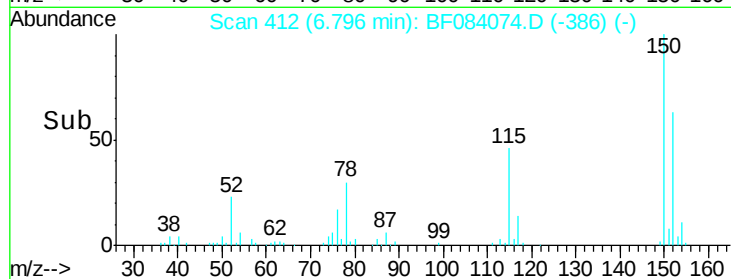
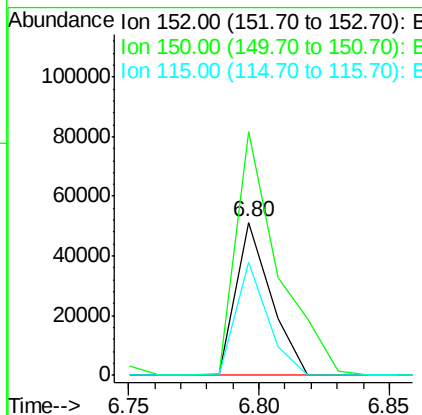
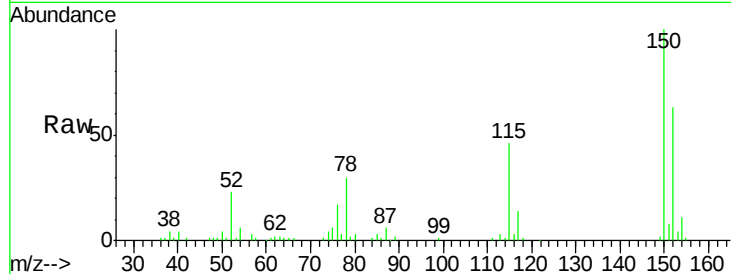
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.0	184.4
115	73.5	51.4	77.2

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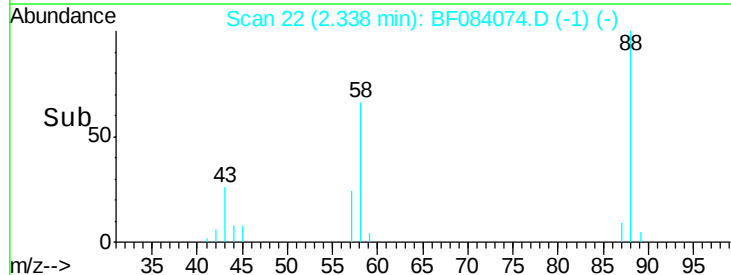
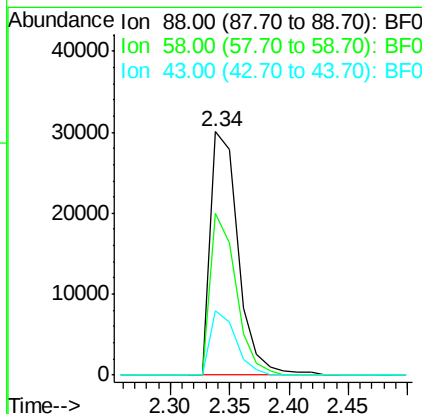
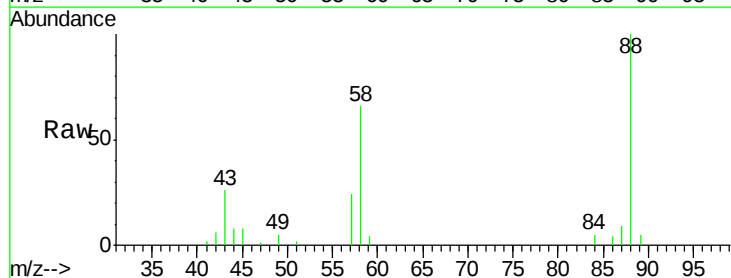
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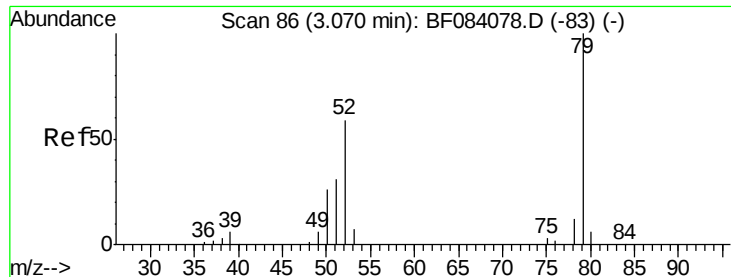


#2

1,4-Dioxane
Concen: 41.95 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.01 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.8	51.2	76.8
43	23.7	19.5	29.3





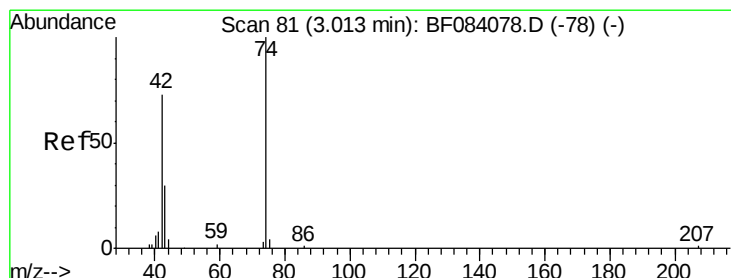
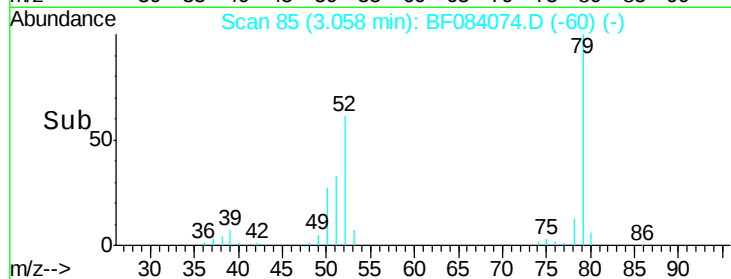
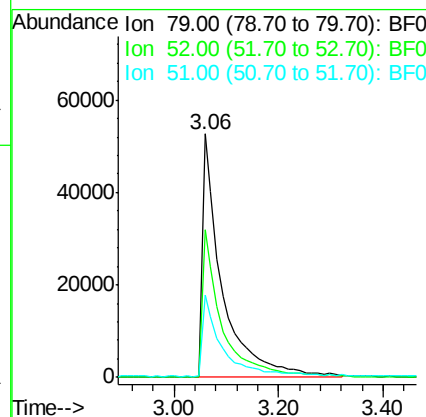
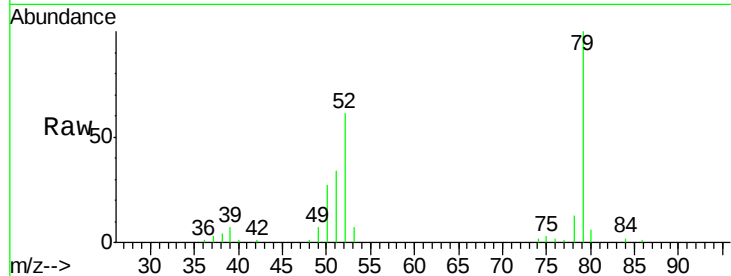
#3
 Pyridine
 Concen: 48.99 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	60.6	49.0	73.4
51	33.6	25.2	37.8

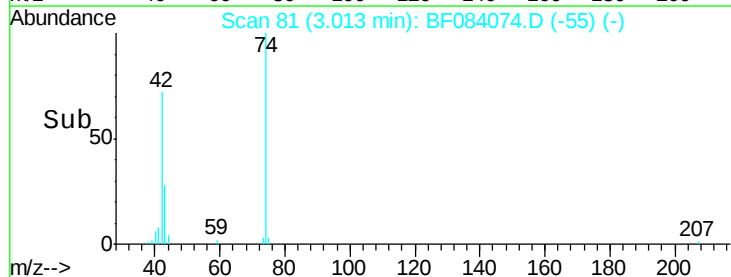
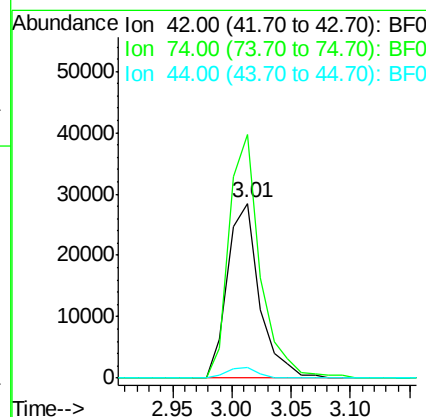
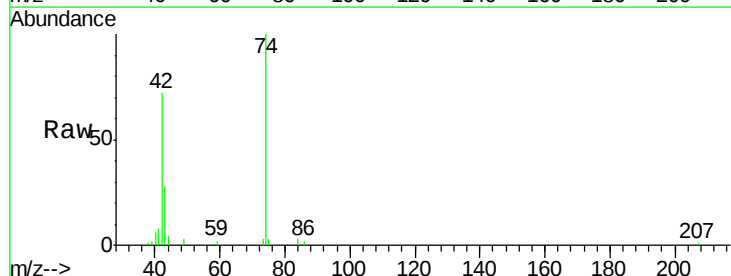
Manual Integrations
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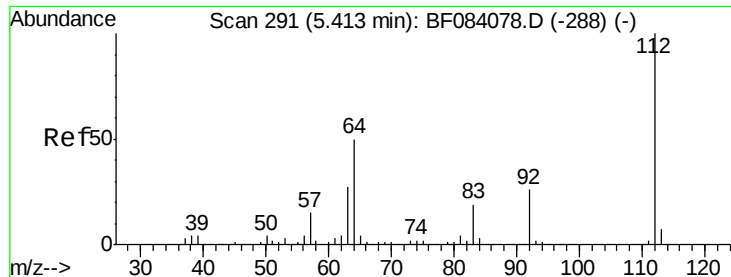
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#4
 n-Nitrosodimethylamine
 Concen: 42.72 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.2	115.7	173.5
44	5.8	5.1	7.7





#5

2-Fluorophenol

Concen: 84.47 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084074.D

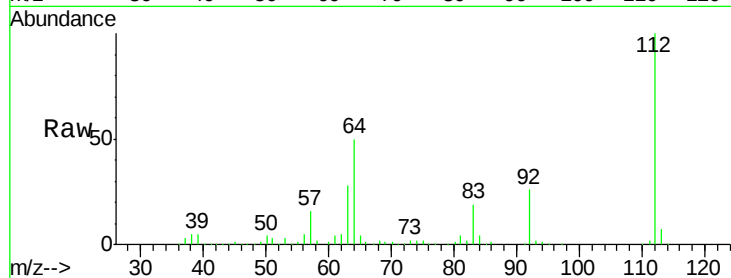
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Instrument :

BNA_F

ClientSampleId :

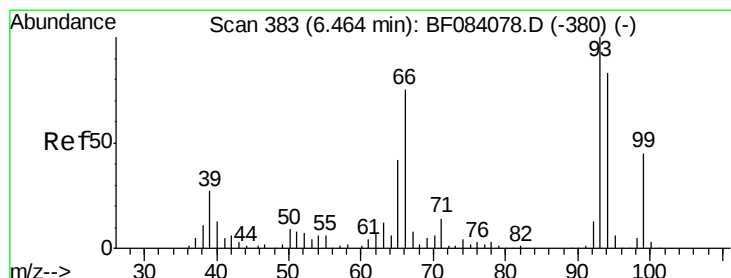
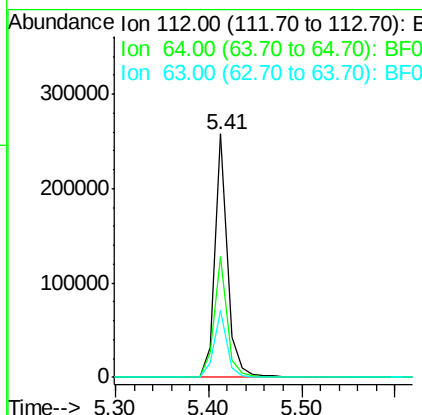
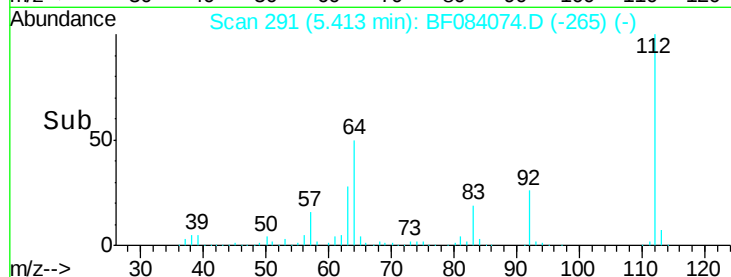
SSTDCCC040



Tgt Ion:	112	Resp:	239785
Ion Ratio	Lower	Upper	
112	100		
64	49.8	36.6	55.0
63	27.7	19.4	29.0

Manual Integrations
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#6

Aniline

Concen: 43.40 ng

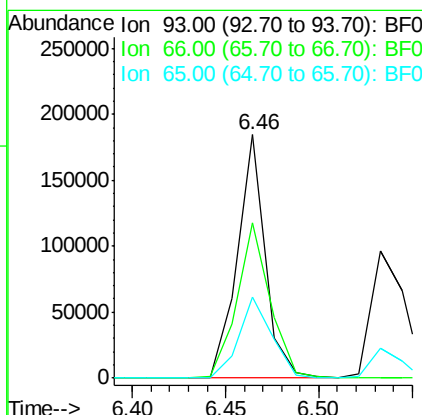
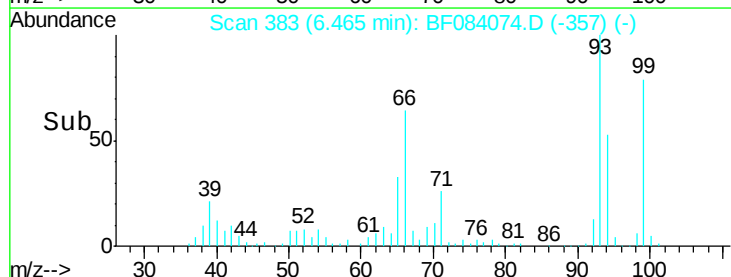
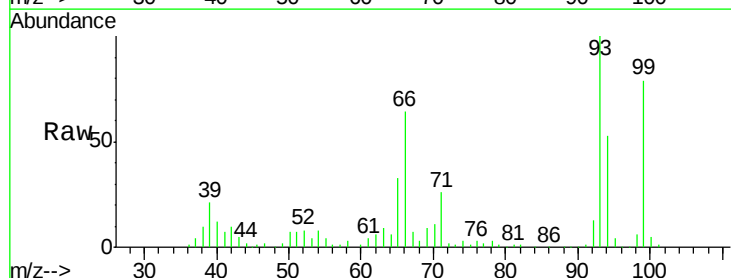
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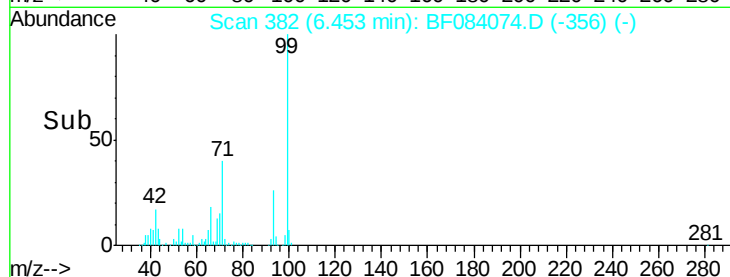
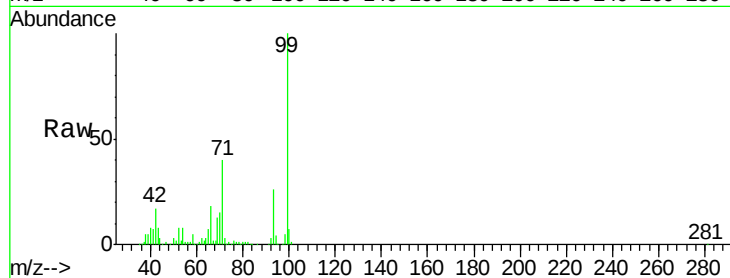
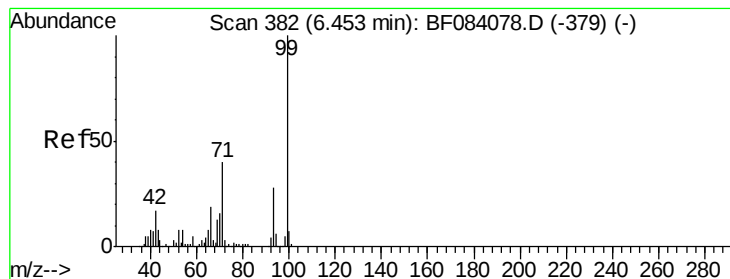
Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Tgt Ion:	93	Resp:	192697
Ion Ratio	Lower	Upper	
93	100		
66	63.9	44.9	67.3
65	33.2	23.7	35.5





#7

Phenol-d6

Concen: 78.28 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Tgt Ion:	99	Resp:	274970
Ion Ratio	Lower	Upper	
99	100		
42	17.1	12.8	19.2
71	40.0	30.9	46.3

Instrument :

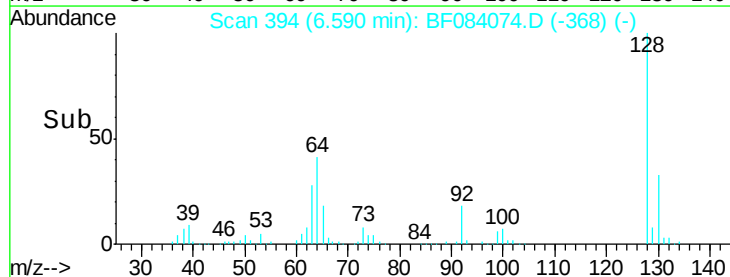
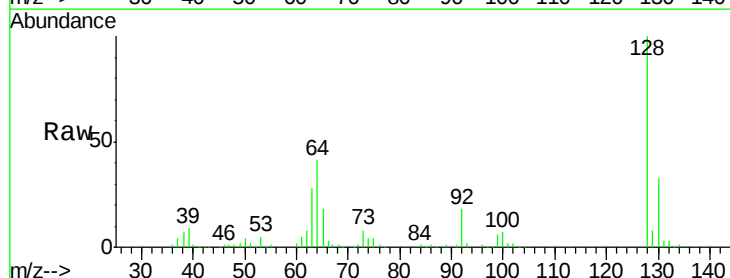
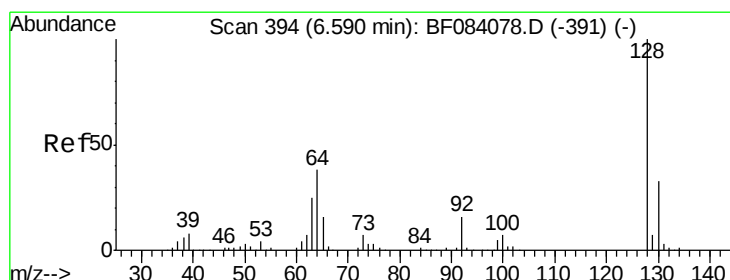
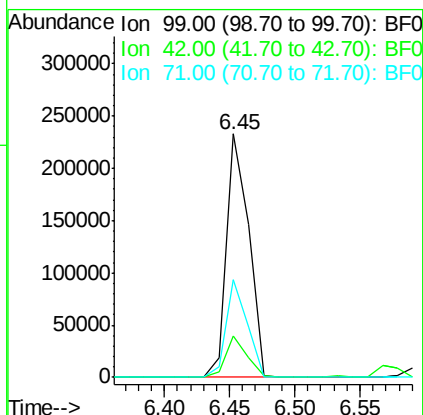
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.34 ng

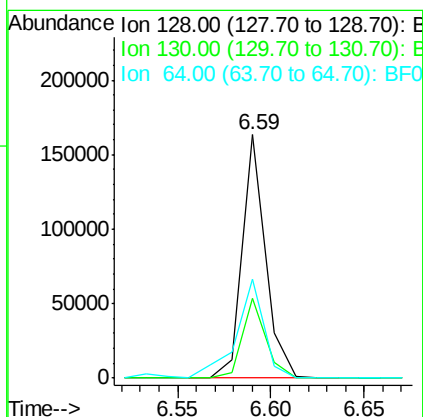
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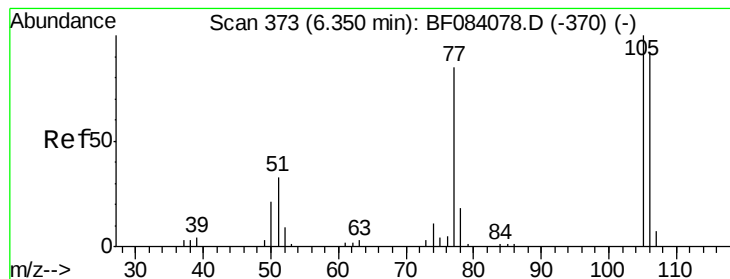
Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Tgt Ion:	128	Resp:	142201
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.6	51.6
64	40.8	23.8	63.8





#9

Benzaldehyde

Concen: 49.07 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 92172

Ion Ratio Lower Upper

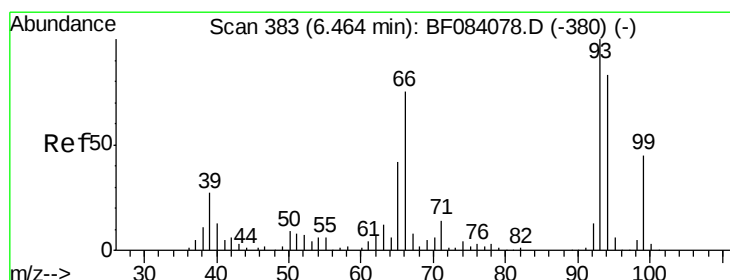
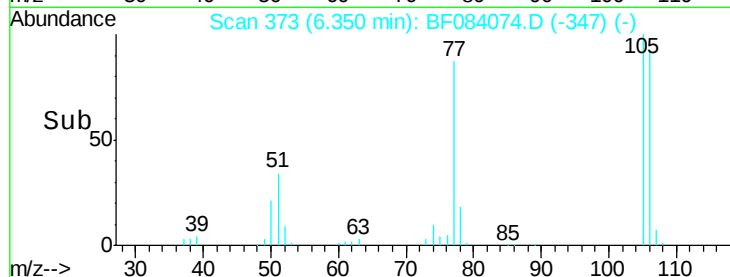
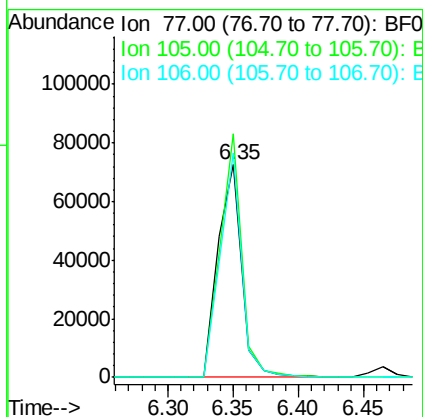
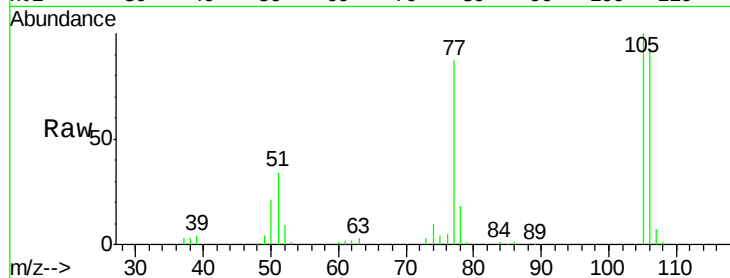
77 100

105 114.5 83.0 123.0

106 105.3 74.6 114.6

Manual Integrations
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#10

Phenol

Concen: 37.53 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

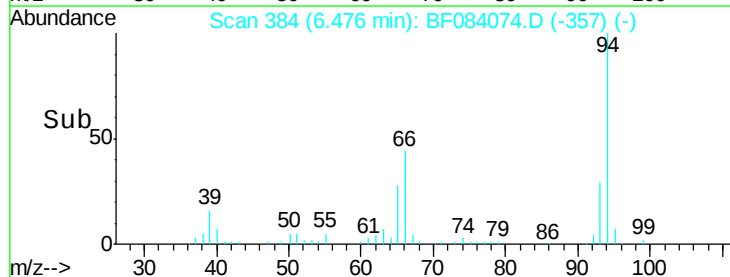
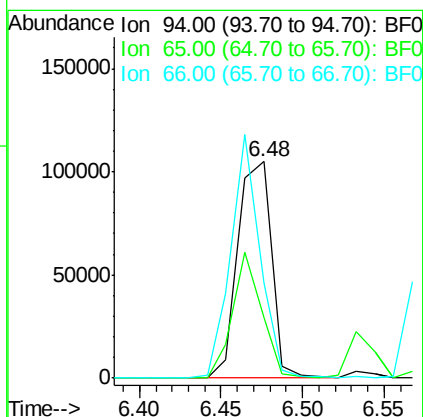
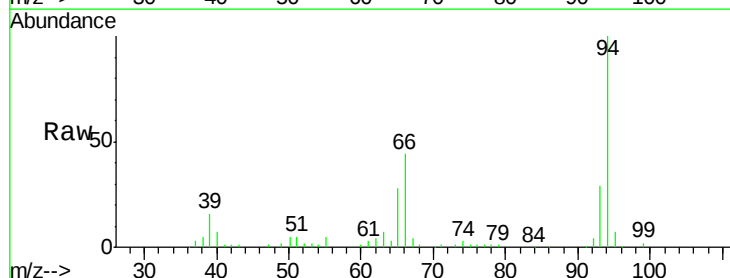
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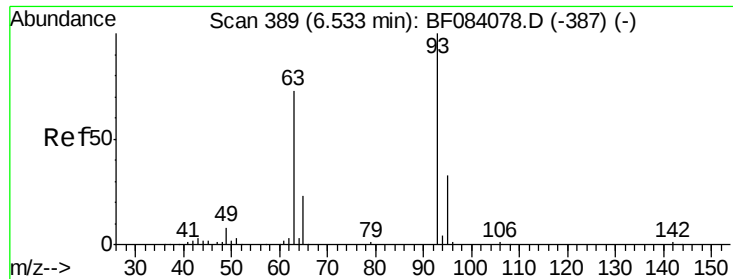
Ion Ratio Lower Upper

94 100

65 28.1 12.9 52.9

66 43.9 32.7 72.7





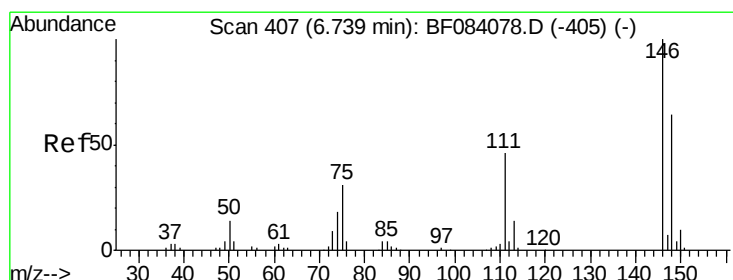
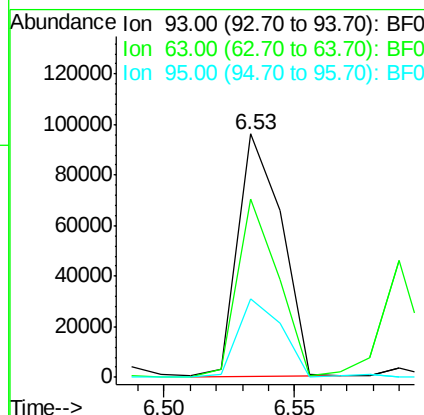
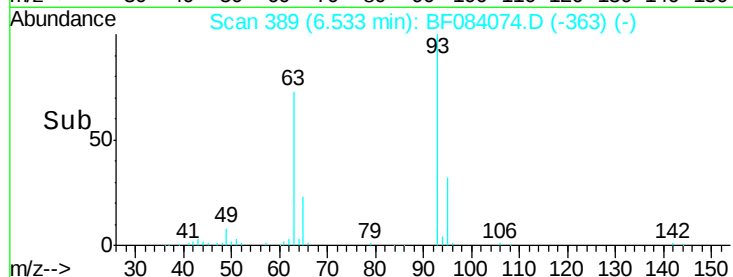
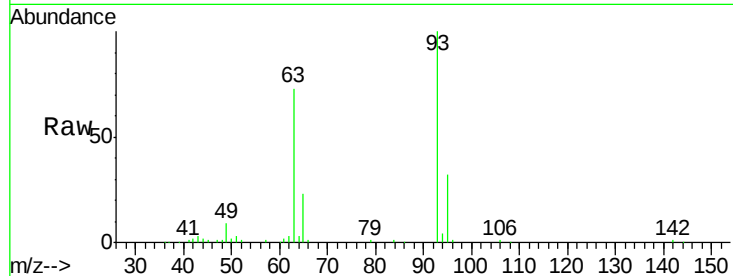
#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	113373
Ion	Ratio	Lower	Upper
93	100		
63	73.1	45.9	85.9
95	32.2	12.3	52.3

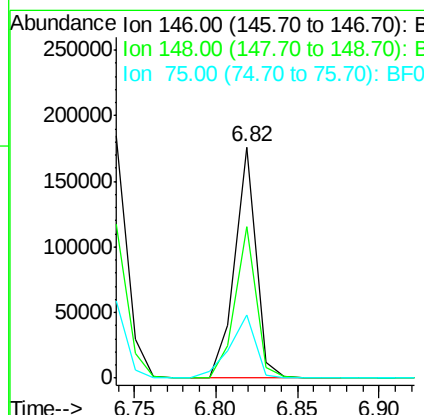
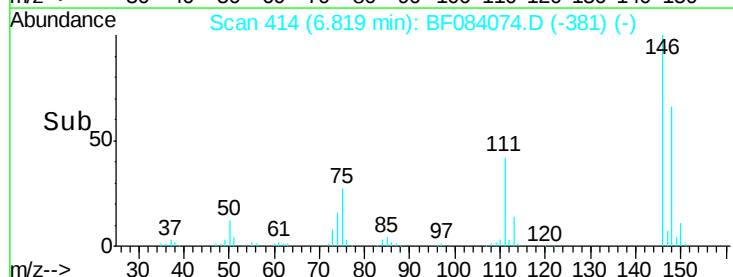
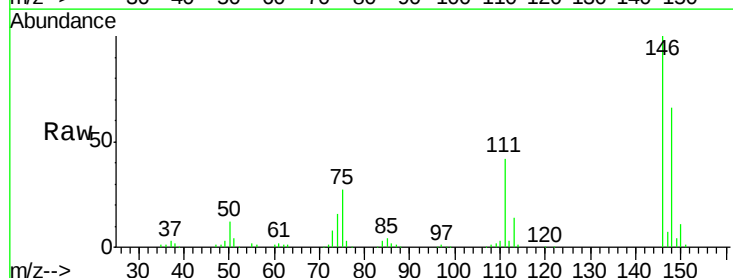
Manual Integrations
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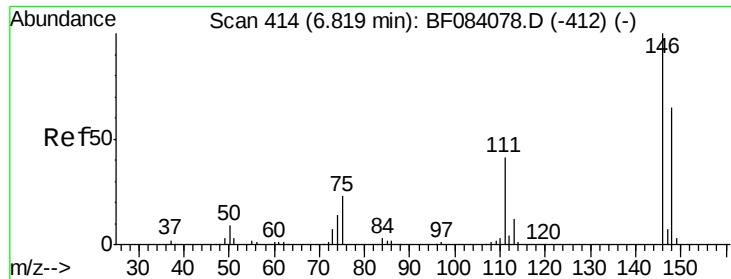
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.93 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.08 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion:	146	Resp:	157526
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	27.1	20.5	30.7





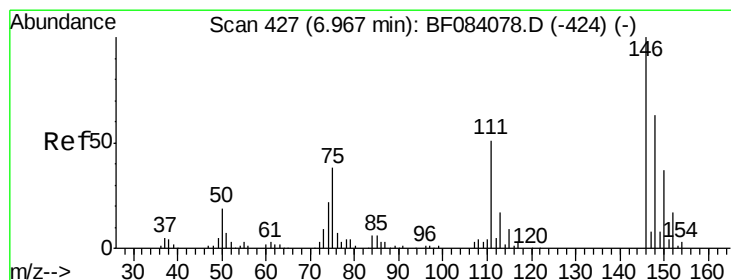
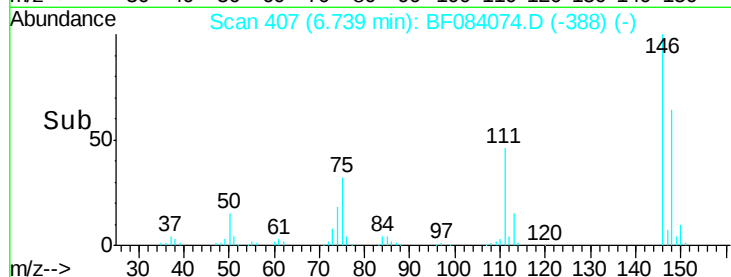
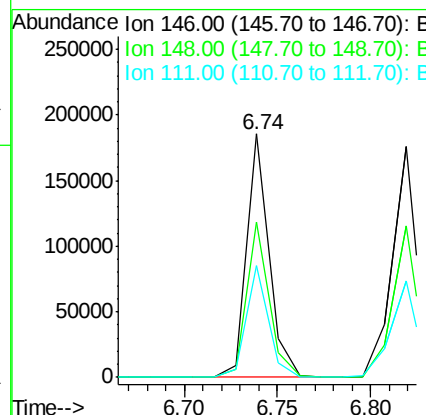
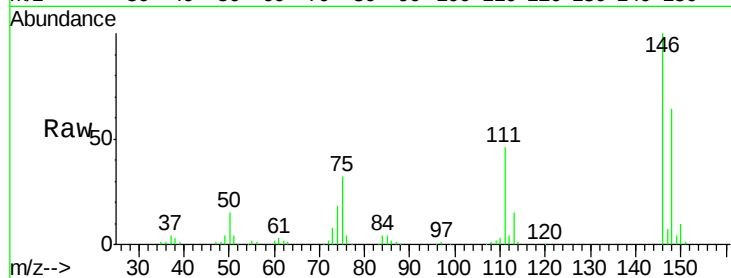
#13
 1,4-Dichlorobenzene
 Concen: 40.05 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	45.8	41.6	62.4

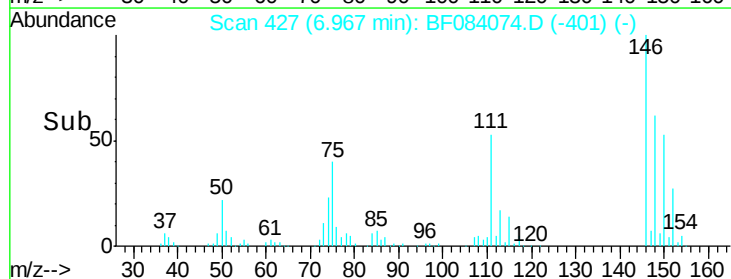
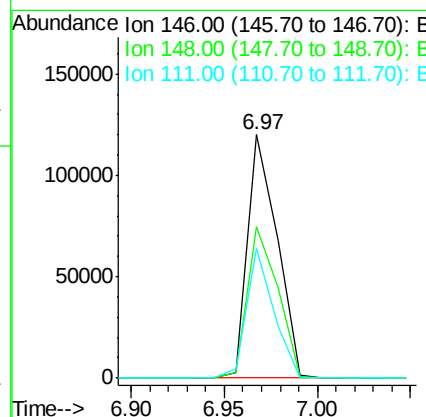
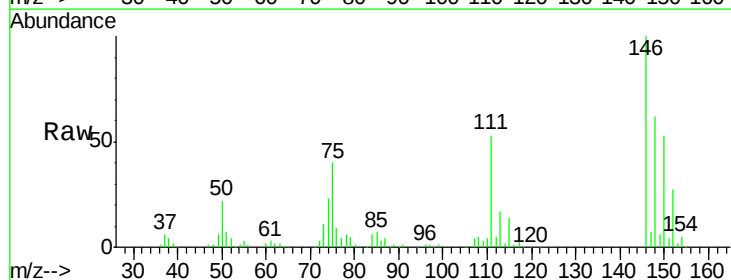
Manual Integrations
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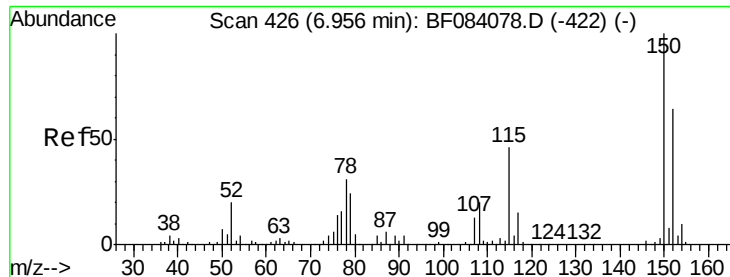
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#14
 1,2-Dichlorobenzene
 Concen: 36.85 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	53.2	38.0	57.0





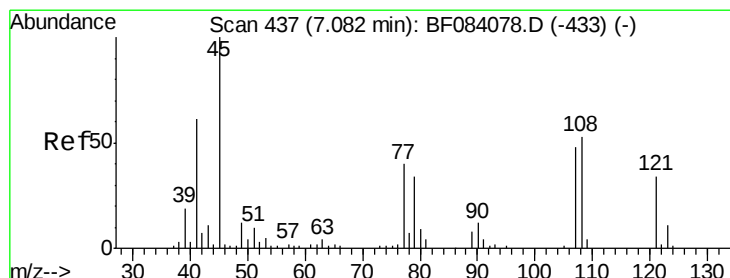
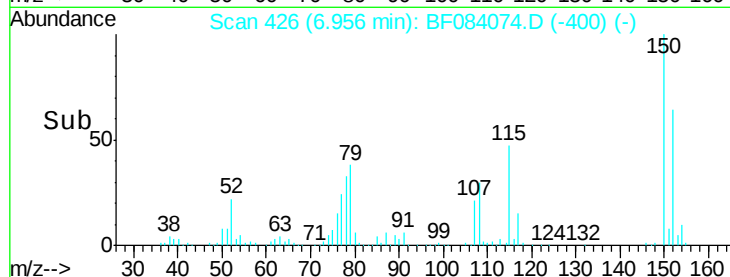
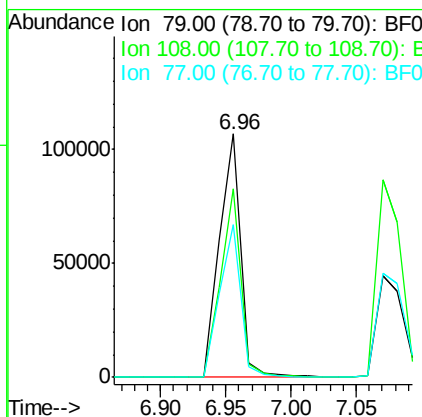
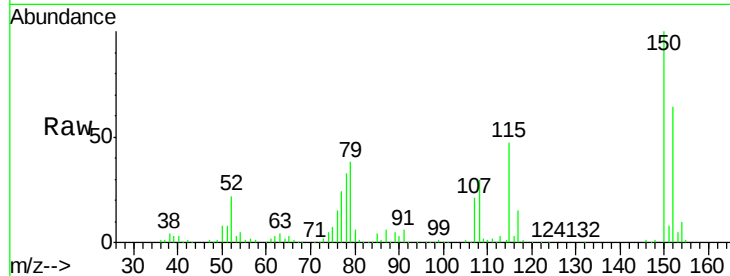
#15
Benzyl Alcohol
Concen: 46.11 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	122644		
108	77.3	69.0	103.4	
77	62.9	50.0	75.0	

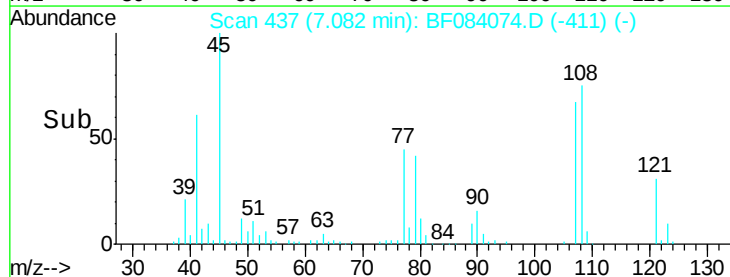
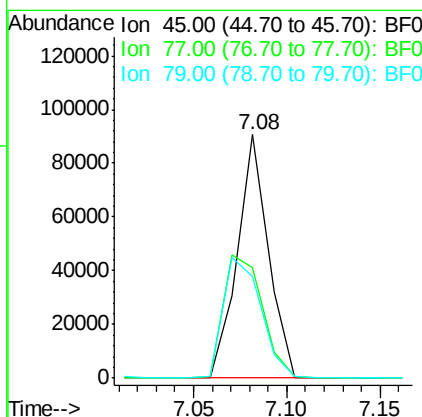
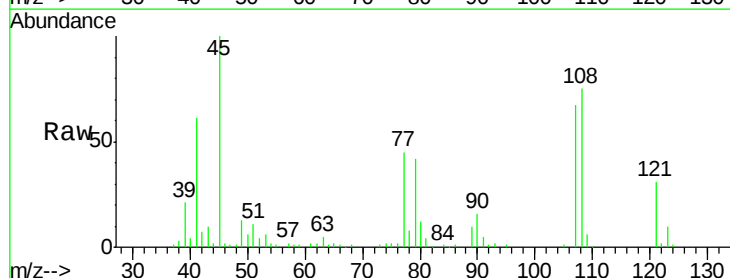
Manual Integrations
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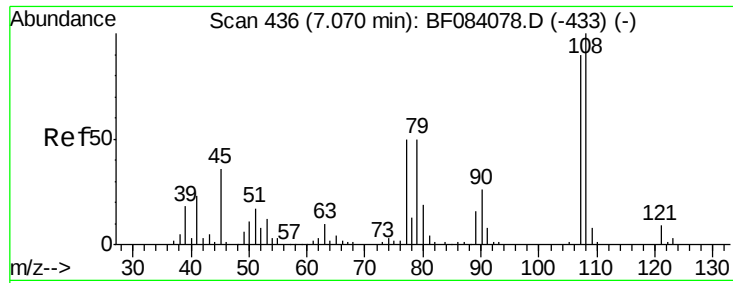
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.23 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	105368		
77	45.3	0.0	39.6#	
79	41.9	0.0	35.0#	





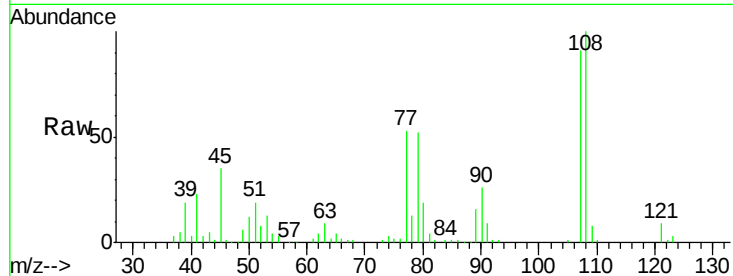
#17
2-Methylphenol
Concen: 37.43 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

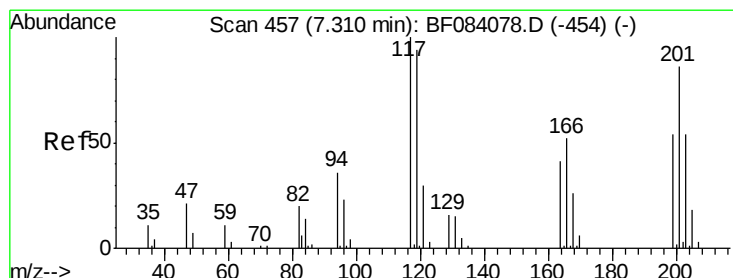
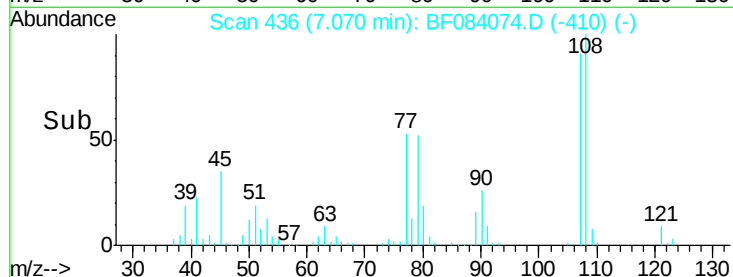
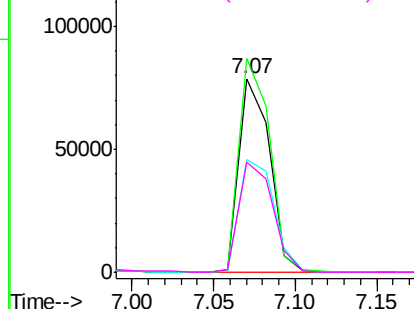
Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.5	89.8	134.6
77	58.3	35.7	53.5#
79	57.0	35.7	53.5#

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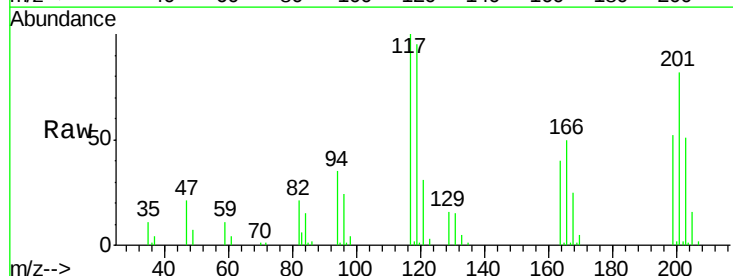


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

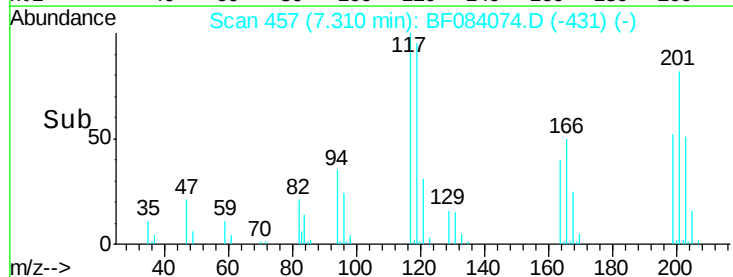
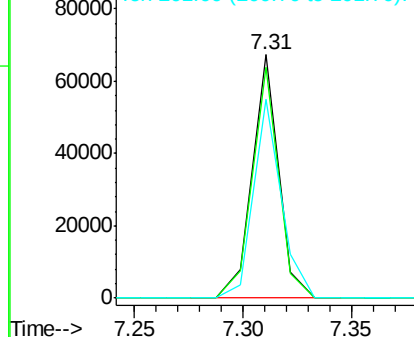


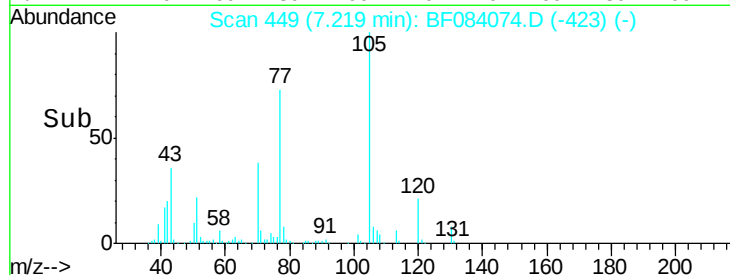
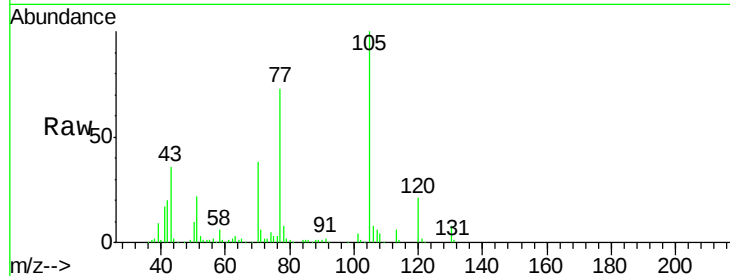
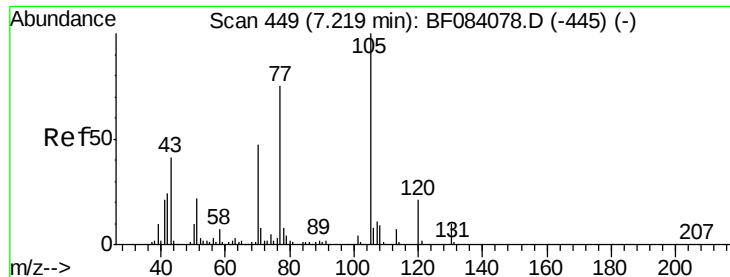
#18
Hexachloroethane
Concen: 40.01 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.8	77.4	116.0
201	81.9	68.6	103.0



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





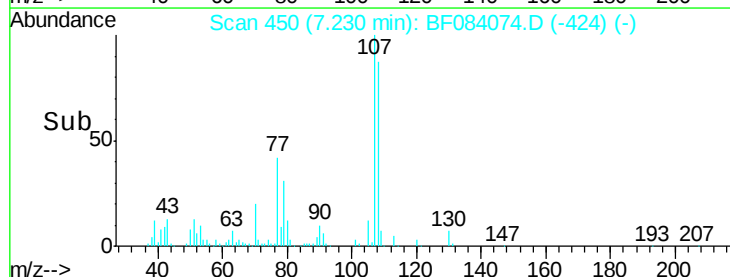
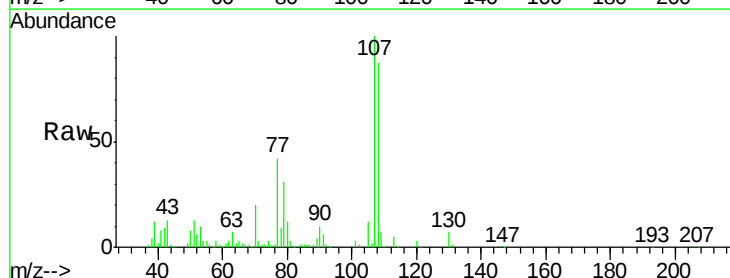
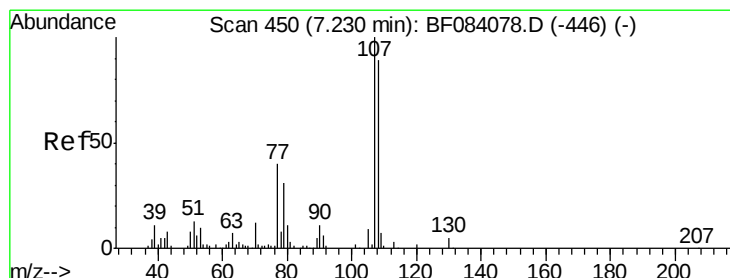
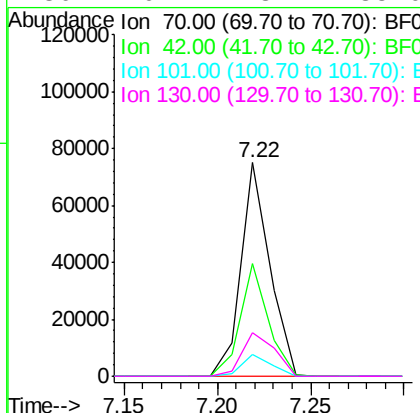
#19
n-Nitroso-di-n-propylamine
Concen: 37.08 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	52.5	33.3	49.9#
101	10.4	9.3	13.9
130	20.4	23.4	35.0#

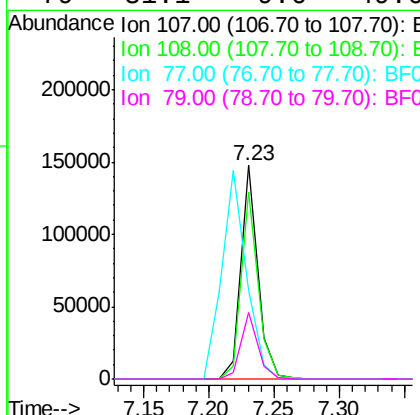
Manual Integrations
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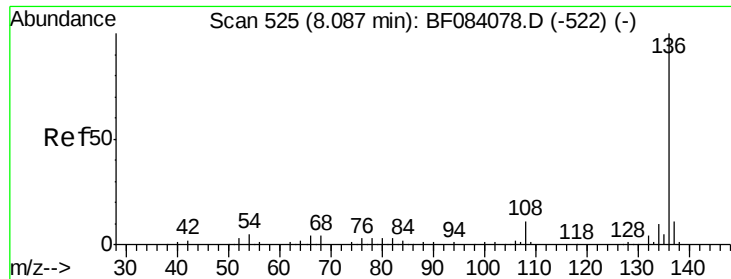
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#20
3+4-Methylphenols
Concen: 38.47 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.4	64.1	104.1
77	41.6	128.9	168.9#
79	31.1	9.6	49.6





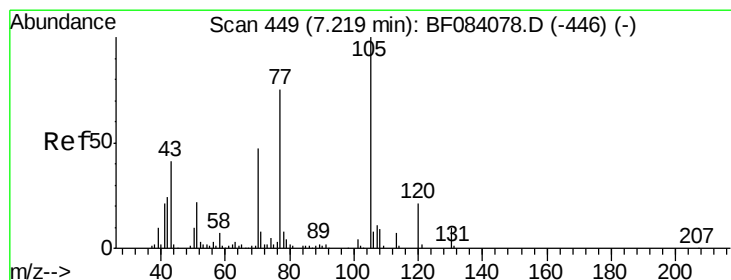
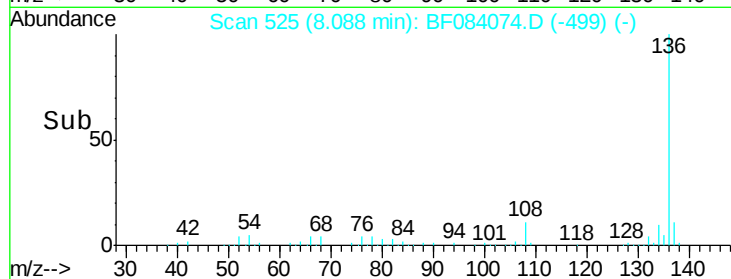
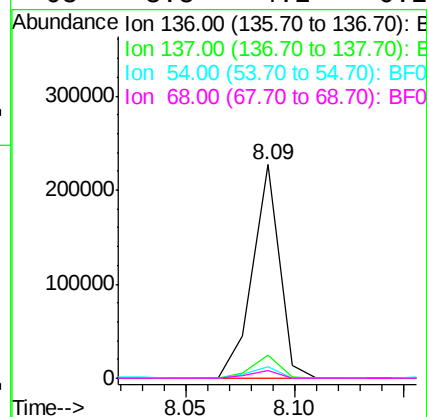
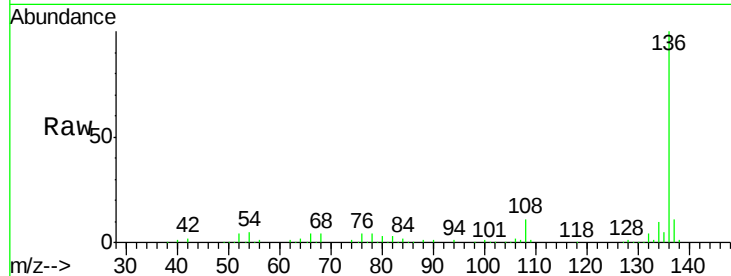
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	196282		
137	11.0	8.7	13.1	
54	5.5	5.8	8.8#	
68	3.8	4.2	6.2#	

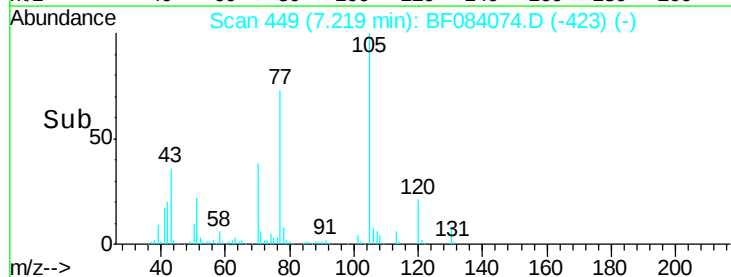
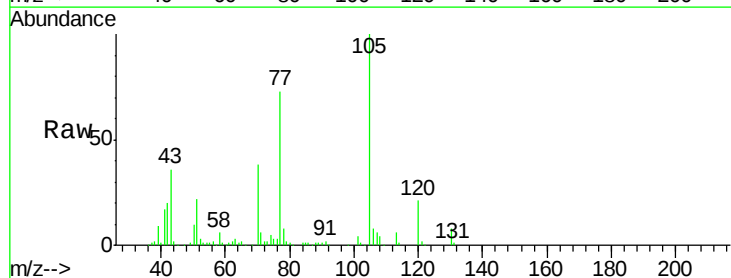
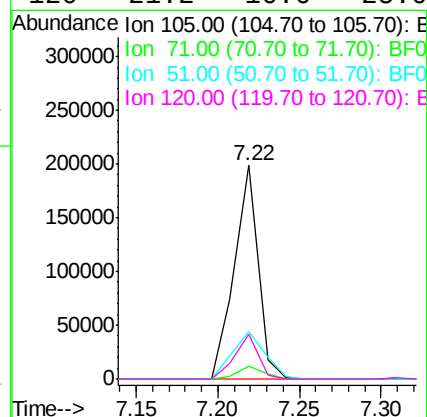
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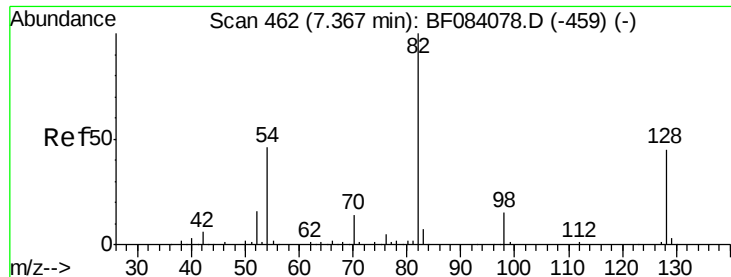
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#22
Acetophenone
Concen: 40.80 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200111		
71	6.3	3.7	5.5#	
51	21.9	25.1	37.7#	
120	21.2	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 73.83 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Instrument :

BNA_F

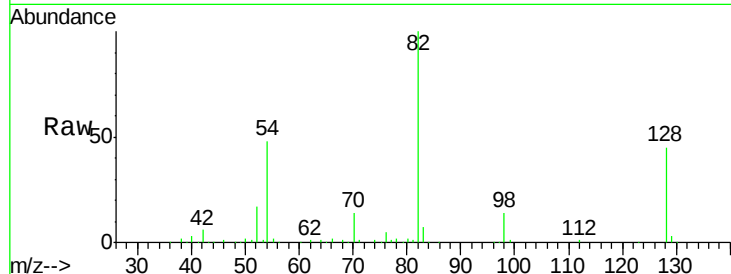
ClientSampleId :

SSTDCCC040

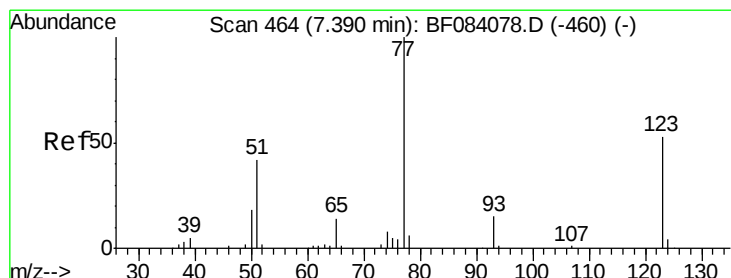
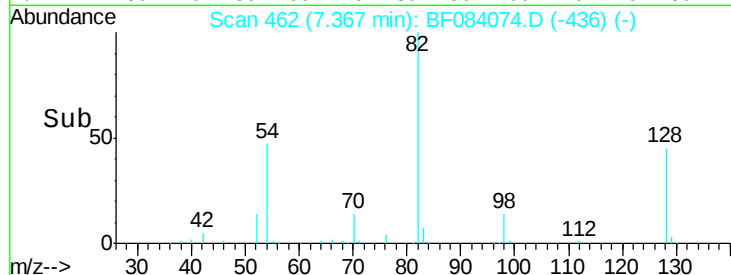
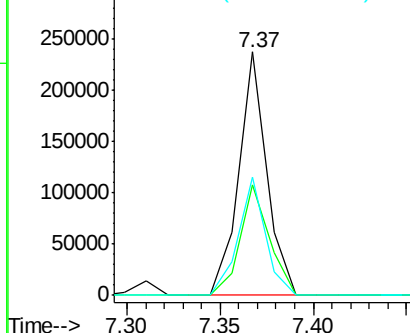
Tgt Ion:	82	Resp:	247564
Ion Ratio		Lower	Upper
82	100		
128	45.1	34.6	51.8
54	48.4	38.4	57.6

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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: 39.85 ng

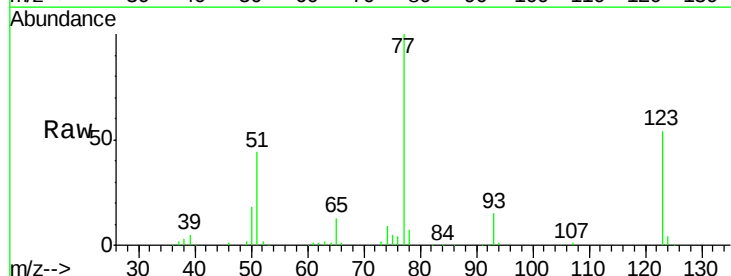
RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

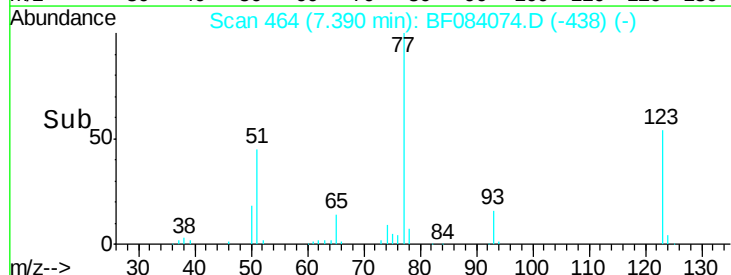
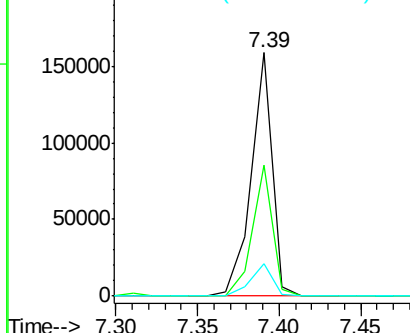
Lab File: BF084074.D

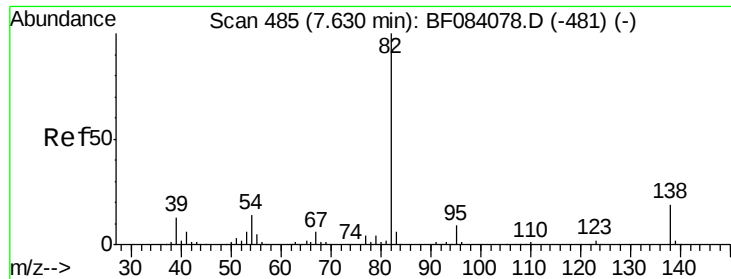
Acq: 24 Dec 2015 12:40

Tgt Ion:	77	Resp:	141903
Ion Ratio		Lower	Upper
77	100		
123	54.0	37.4	56.2
65	13.3	10.9	16.3



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: 37.31 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Instrument :

BNA_F

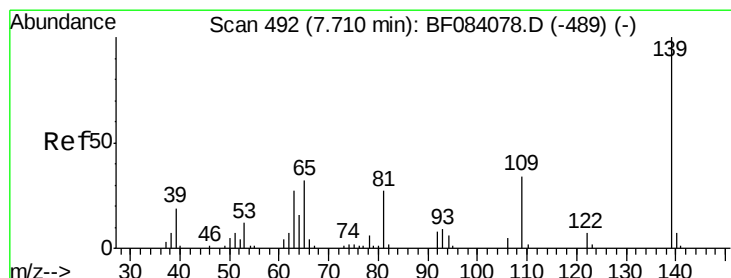
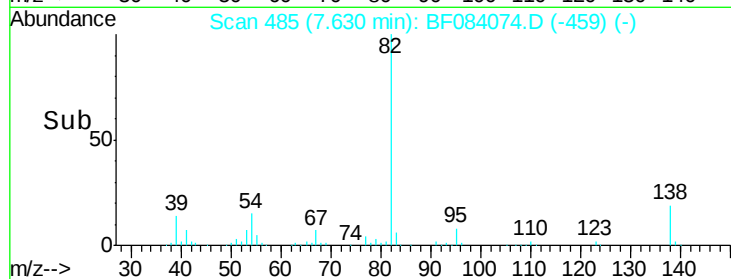
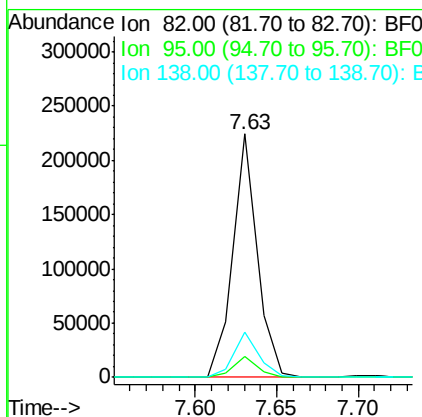
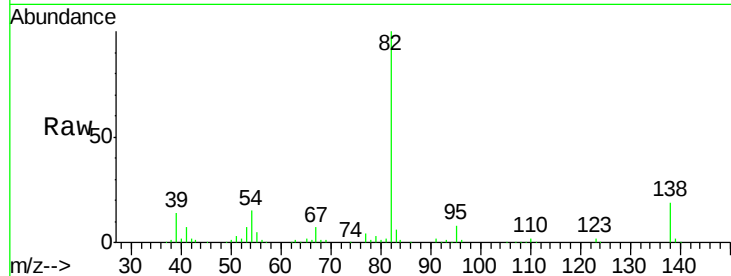
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	231394
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.6	10.0
138	18.6	13.6	20.4

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#26

2-Nitrophenol

Concen: 39.65 ng

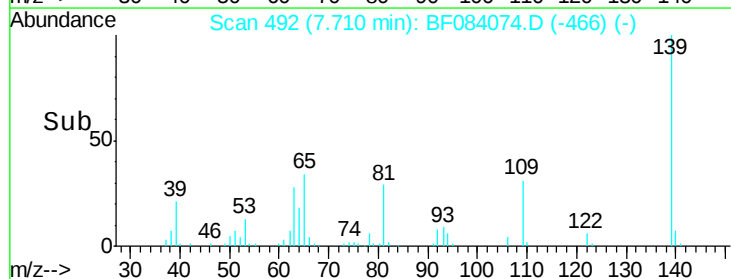
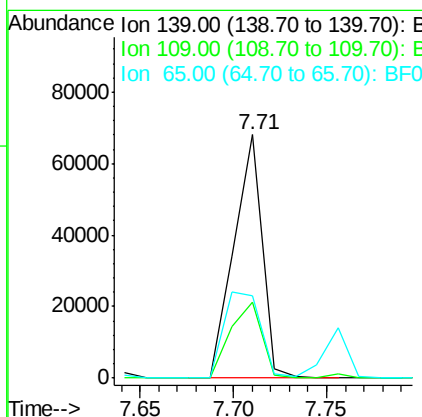
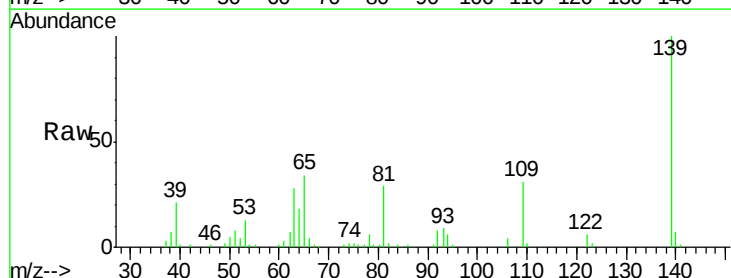
RT: 7.71 min Scan# 492

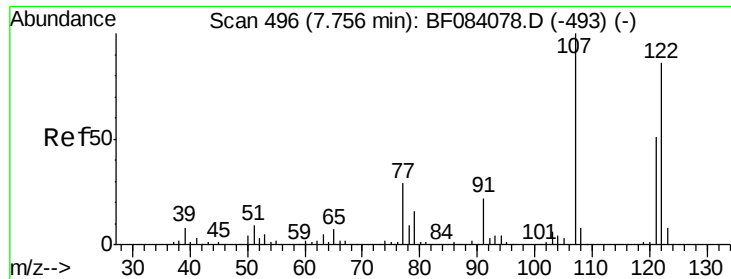
Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Tgt Ion:	139	Resp:	72250
Ion Ratio	Lower	Upper	
139	100		
109	31.4	25.4	38.2
65	34.0	32.3	48.5





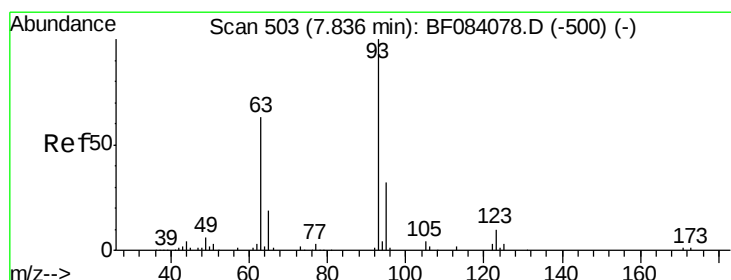
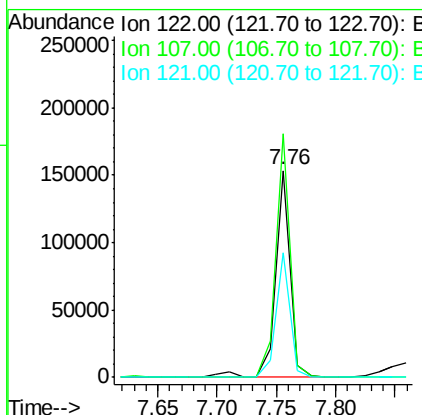
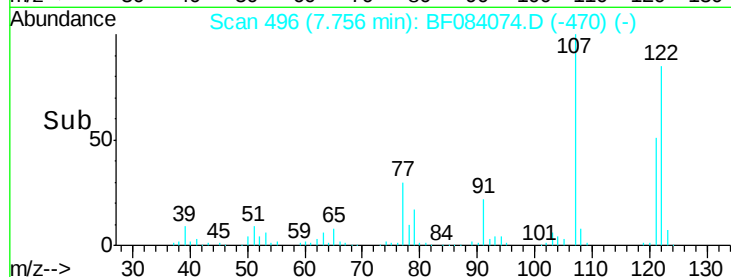
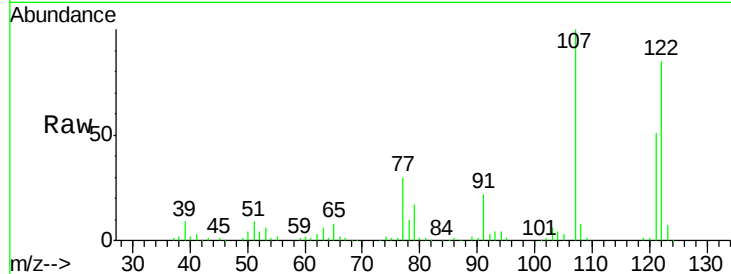
#27
 2,4-Dimethylphenol
 Concen: 43.14 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	130464		
107	117.8	99.1	148.7	
121	60.1	47.9	71.9	

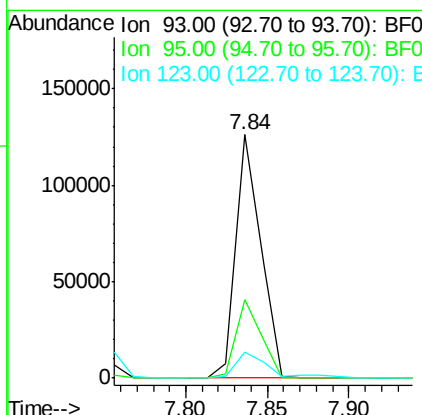
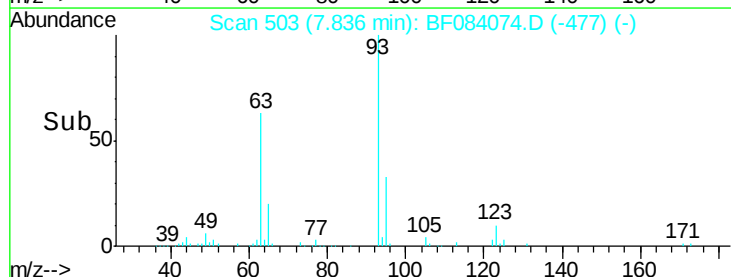
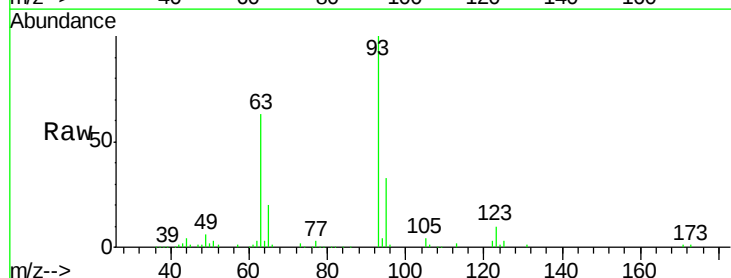
Manual Integrations
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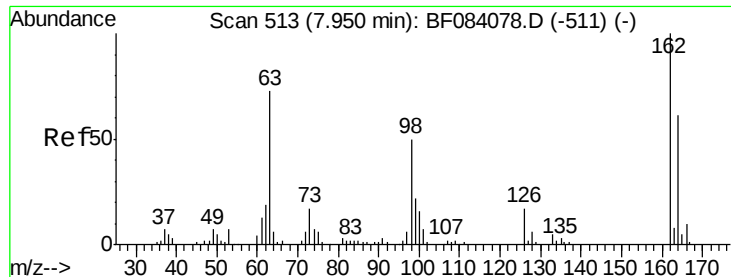
Sohil
 12/28/2015 1:08:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.69 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132683		
95	32.5	25.8	38.6	
123	10.5	8.6	12.8	





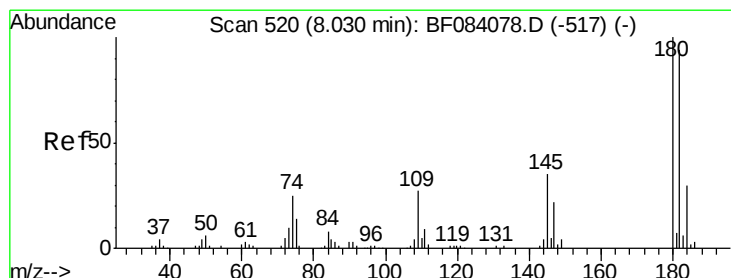
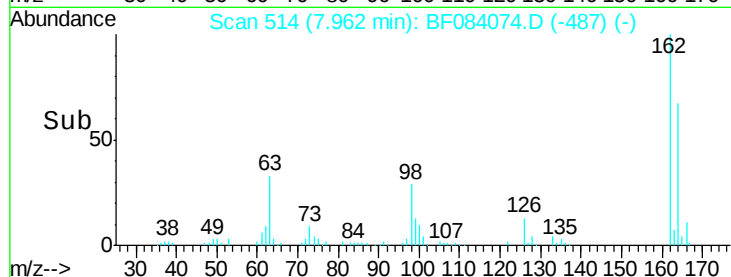
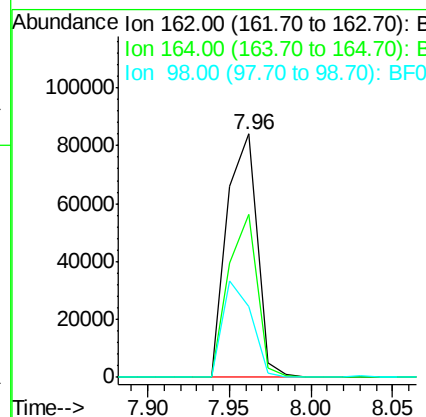
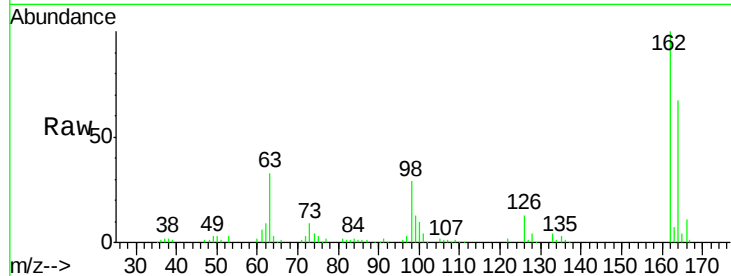
#29
2,4-Dichlorophenol
Concen: 38.17 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.9	44.1	84.1
98	29.1	20.2	60.2

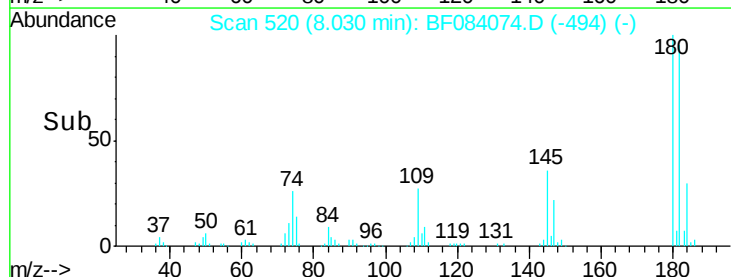
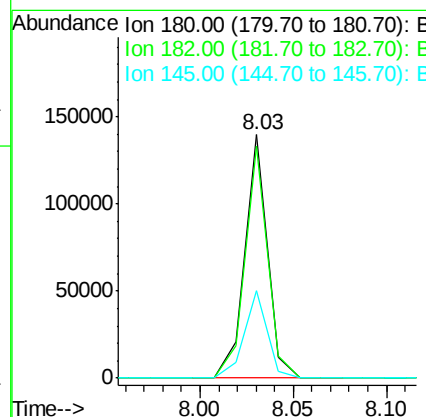
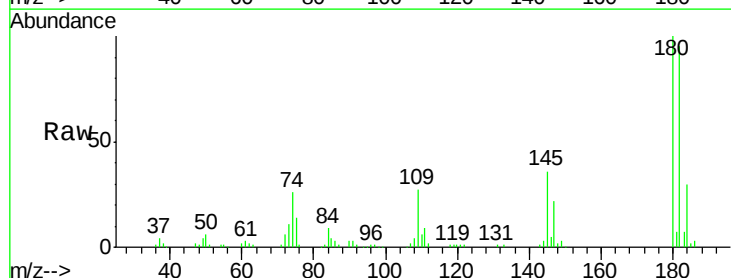
Manual Integrations
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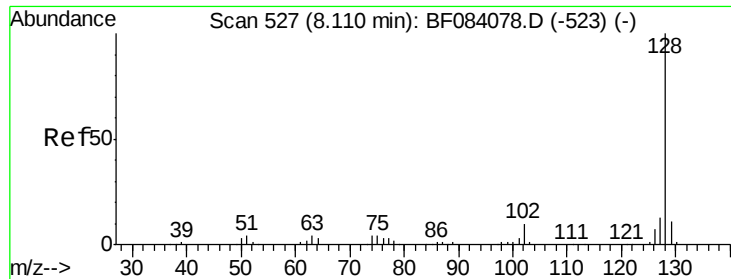
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#30
1,2,4-Trichlorobenzene
Concen: 38.56 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	76.4	114.6
145	35.7	31.6	47.4





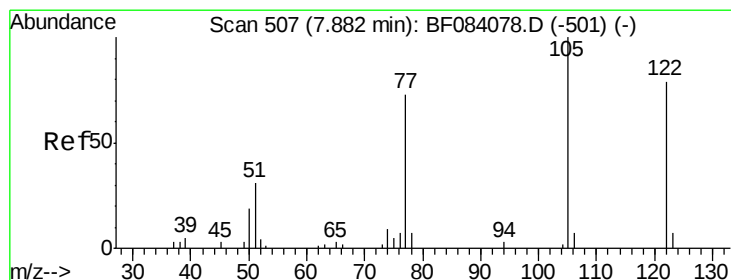
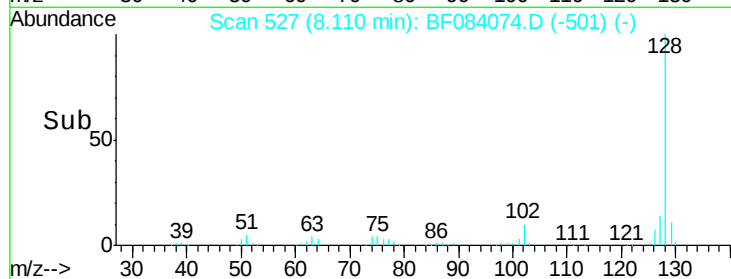
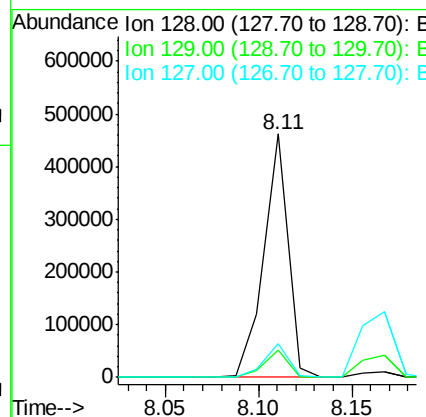
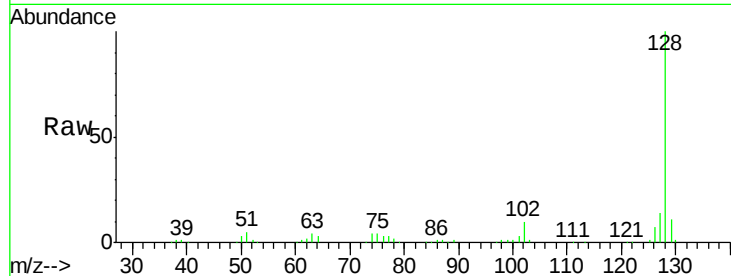
#31
Naphthalene
Concen: 39.71 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	414681		
129	11.1	9.1	13.7	
127	13.8	11.1	16.7	

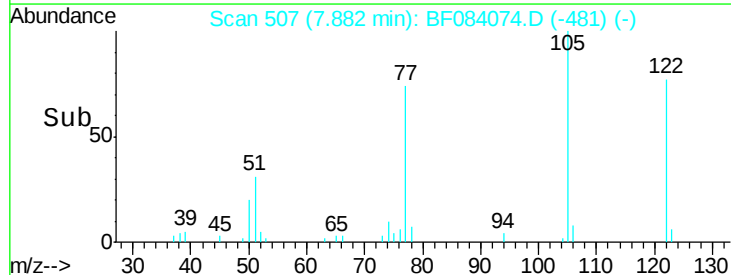
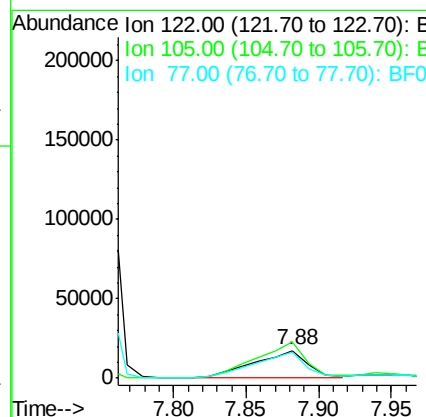
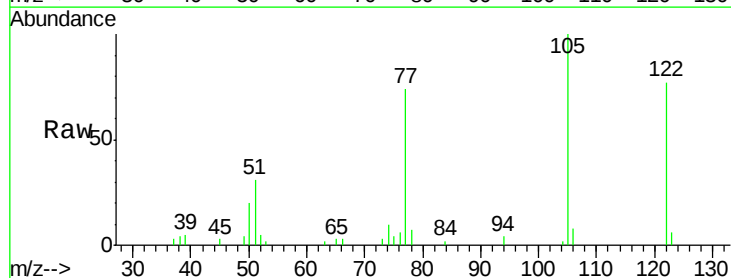
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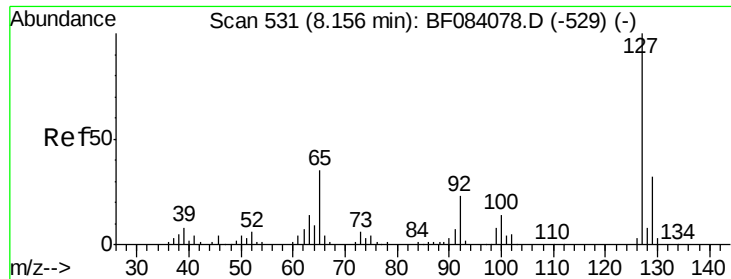
Sohil
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#32
Benzoic acid
Concen: 30.87 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44768		
105	129.7	100.3	140.3	
77	95.9	63.5	103.5	





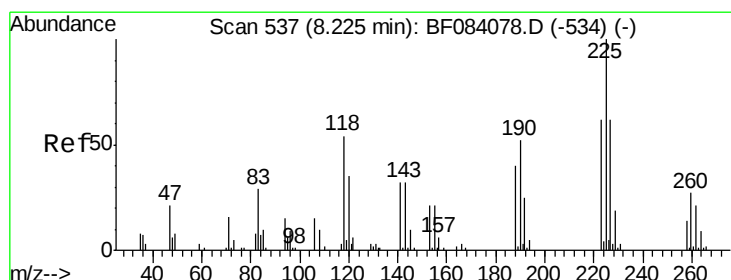
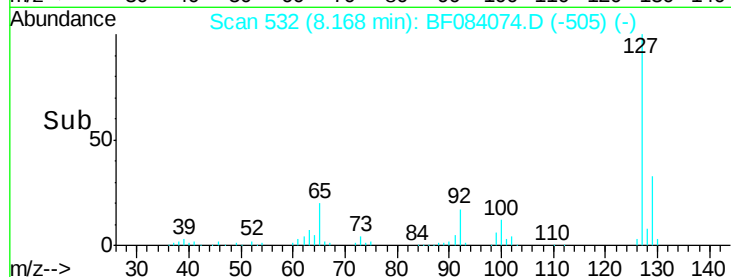
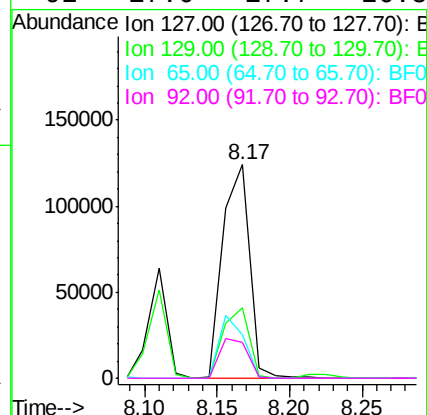
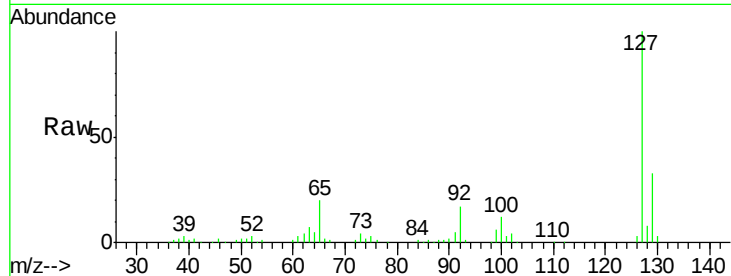
#33
4-Chloroaniline
Concen: 38.31 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.5	39.7
65	20.2	27.2	40.8
92	17.0	17.7	26.5

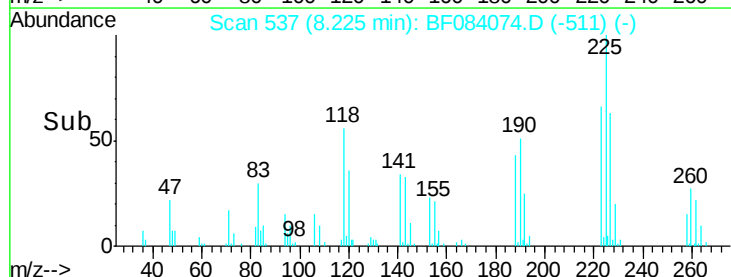
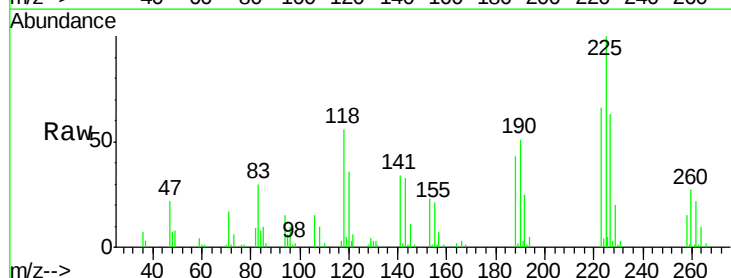
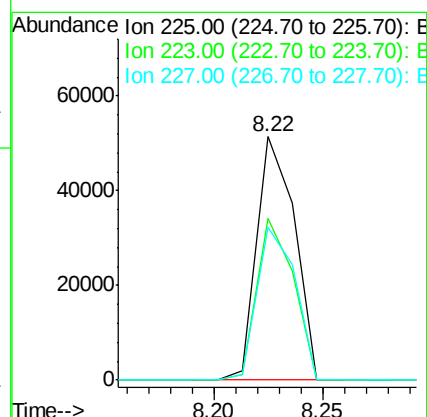
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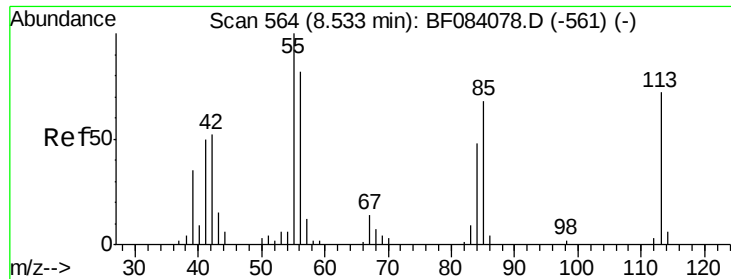
Sohil
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#34
Hexachlorobutadiene
Concen: 35.45 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	66.3	49.4	74.0
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 44.57 ng

RT: 8.54 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 34717
Ion Ratio Lower Upper

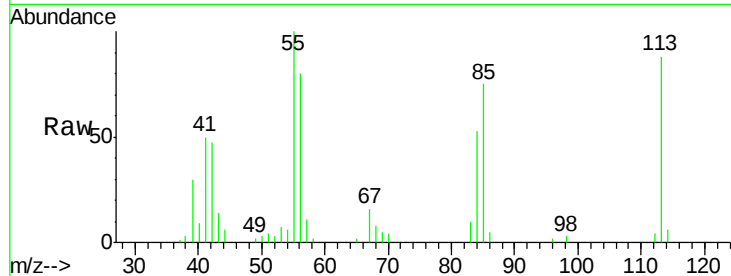
113 100

55 113.2 116.9 156.9#

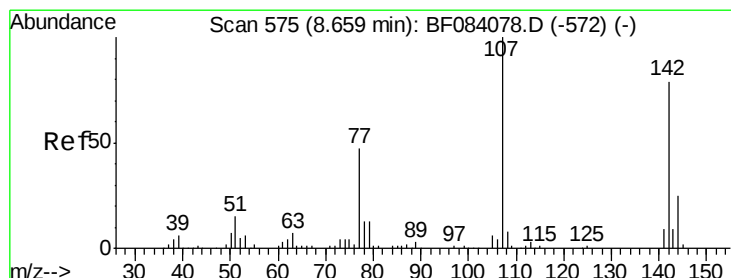
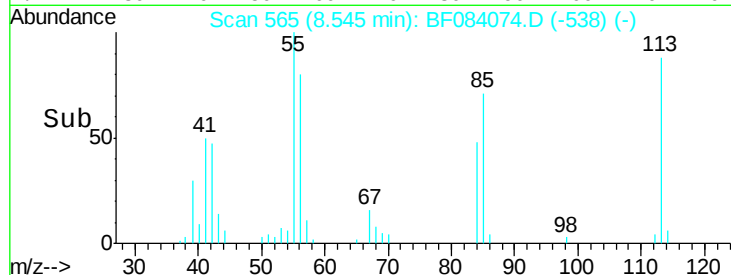
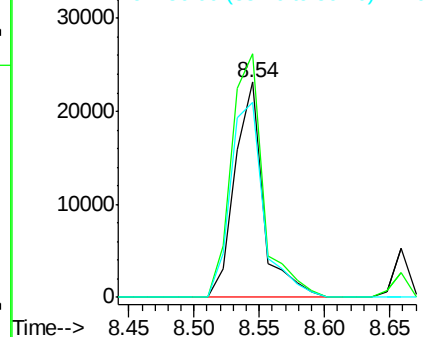
56 90.6 93.8 133.8#

Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.41 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF084074.D

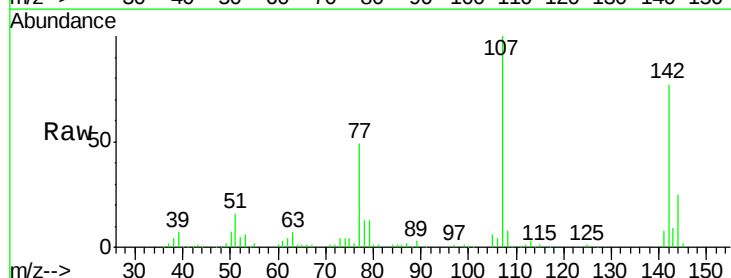
Acq: 24 Dec 2015 12:40

Tgt Ion:107 Resp: 130794
Ion Ratio Lower Upper

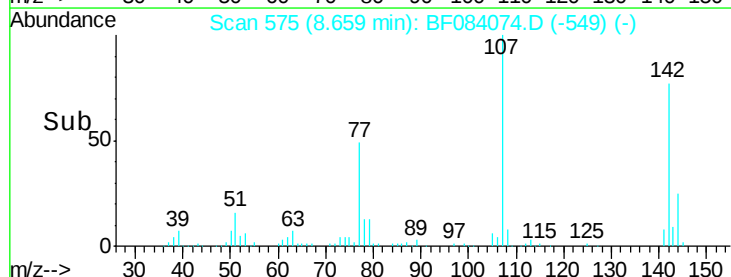
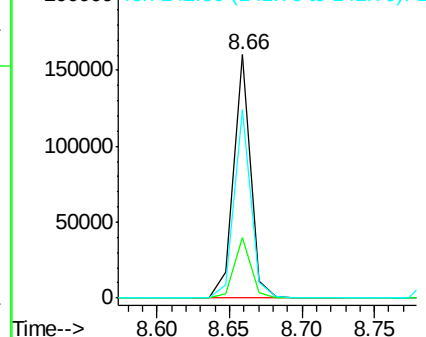
107 100

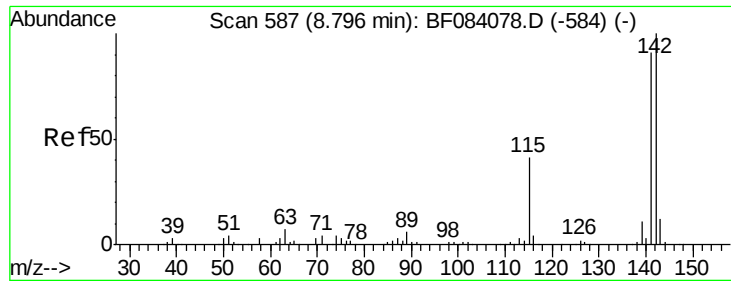
144 24.8 19.7 29.5

142 77.4 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





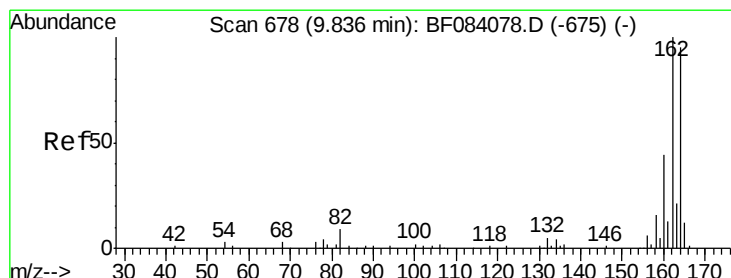
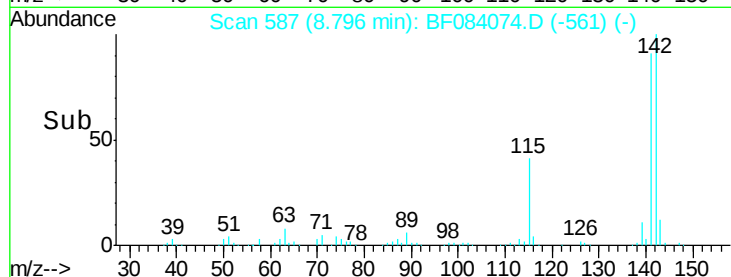
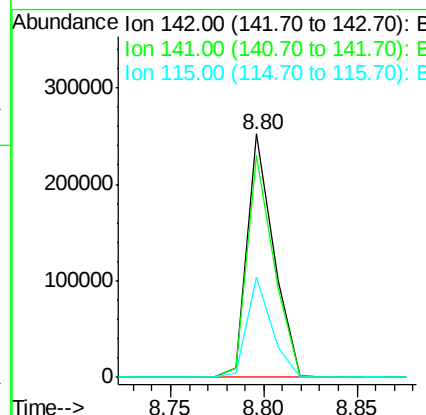
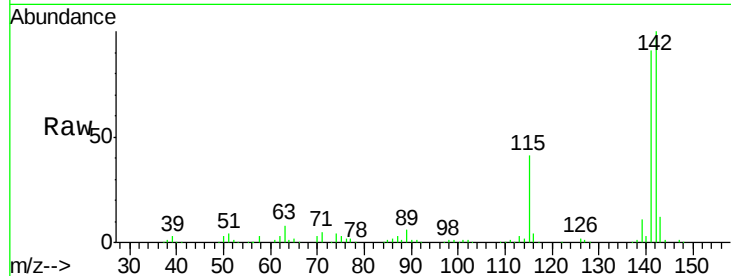
#37
 2-Methylnaphthalene
 Concen: 38.14 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	249351		
141	90.9	72.4	108.6	
115	41.3	27.9	41.9	

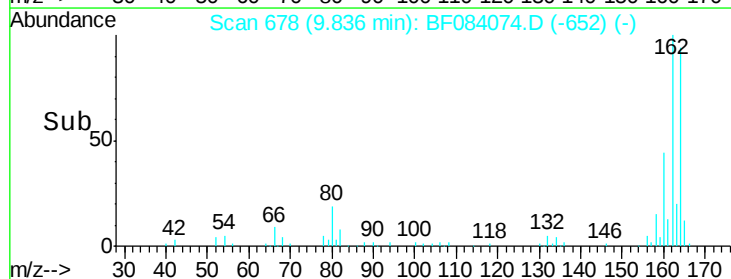
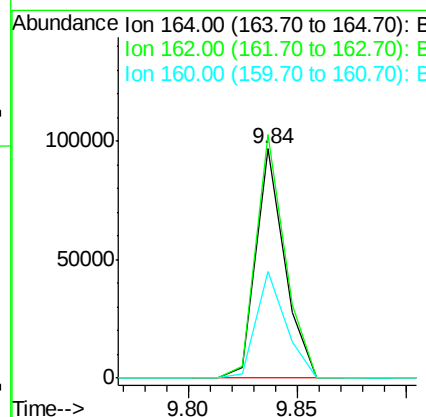
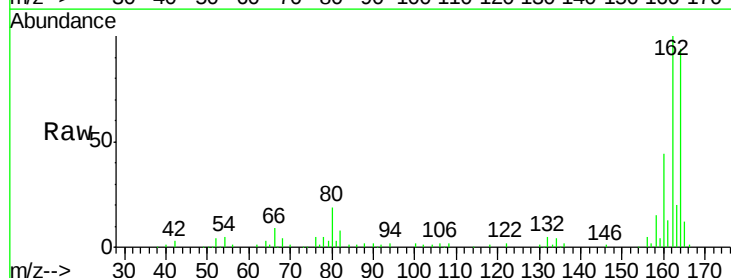
Manual Integrations
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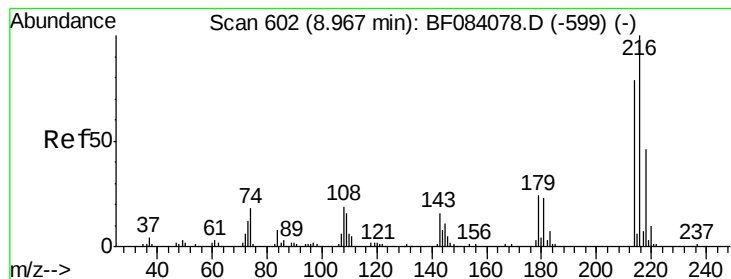
Sohil
 12/28/2015 1:08:32 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88607		
162	106.3	85.1	127.7	
160	46.5	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.90 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Instrument :

BNA_F

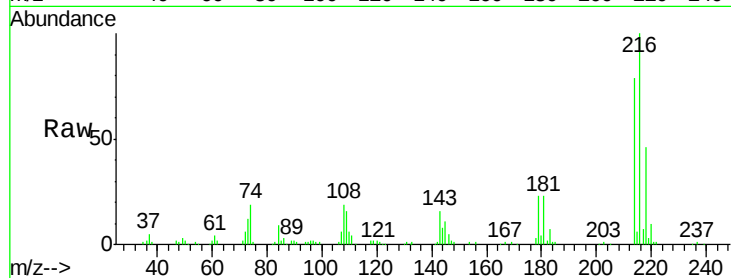
ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	117036
Ion Ratio	Lower	Upper	
216	100		
214	78.7	64.2	96.2
179	23.5	18.7	28.1
108	20.5	16.8	25.2

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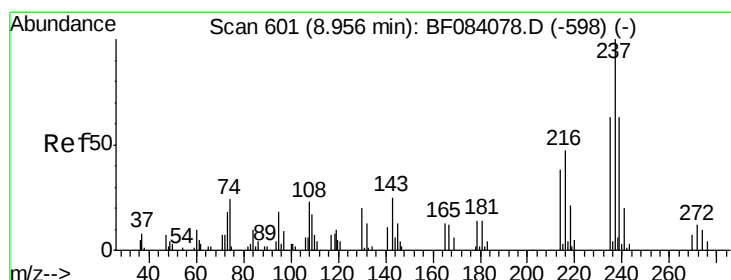
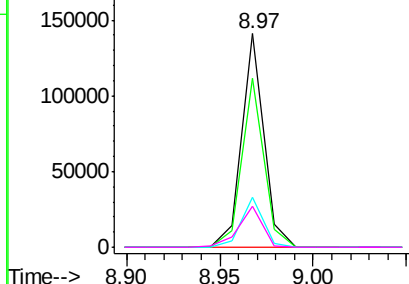
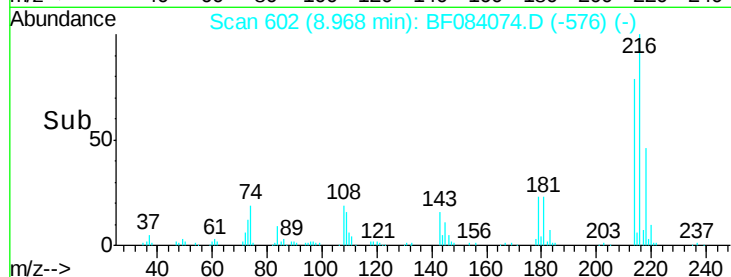


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.88 ng

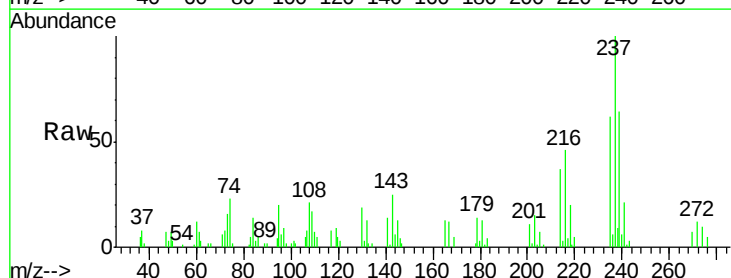
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

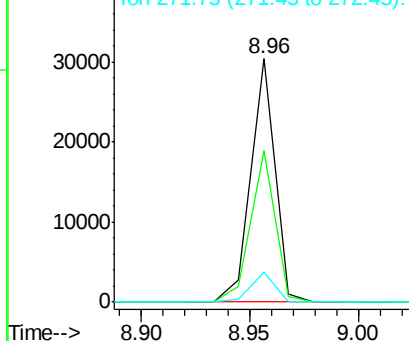
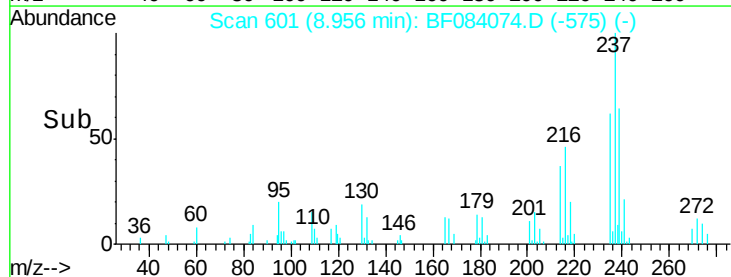
Tgt Ion:	237	Resp:	23499
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.1	83.1
272	12.4	0.0	35.1

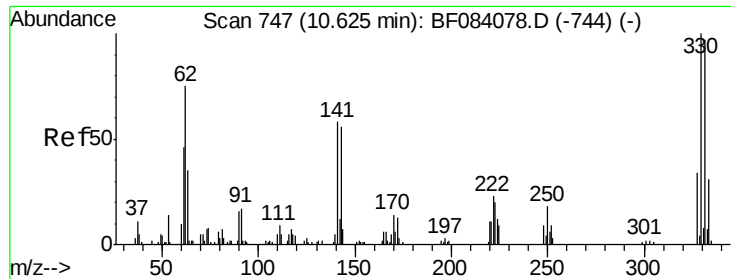


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





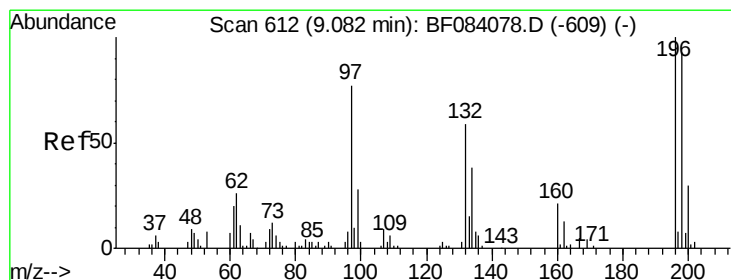
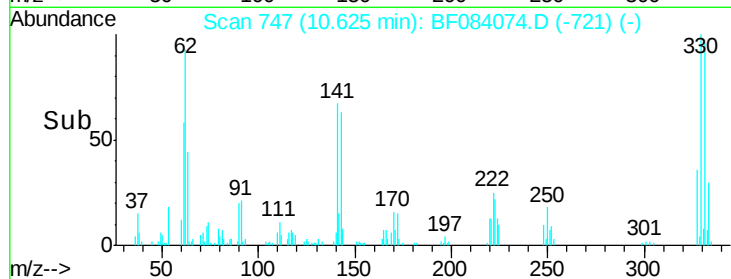
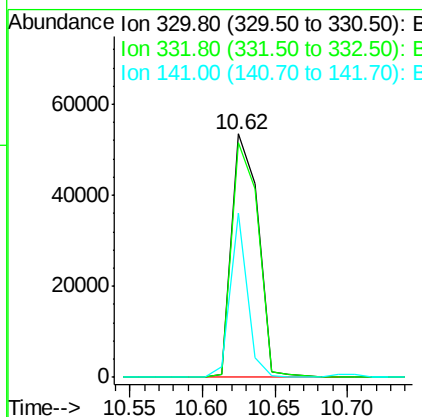
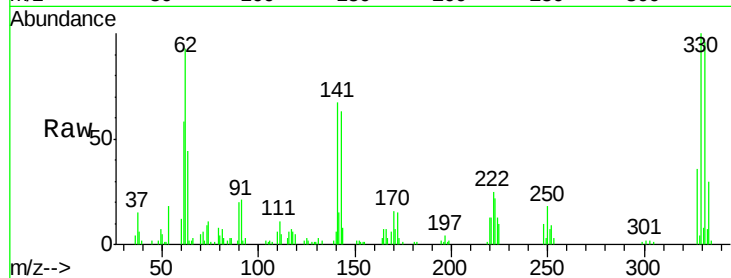
#41
 2,4,6-Tribromophenol
 Concen: 71.97 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	43.5	27.8	41.6#

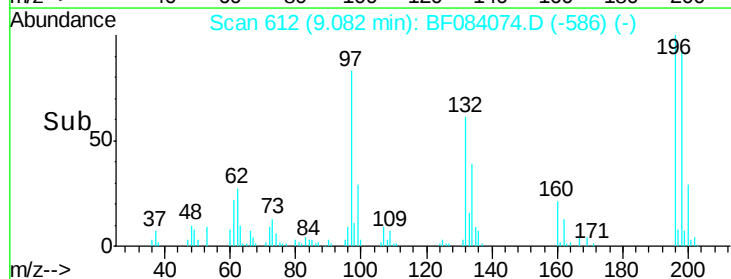
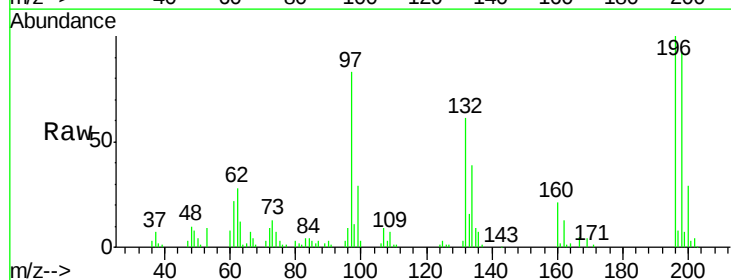
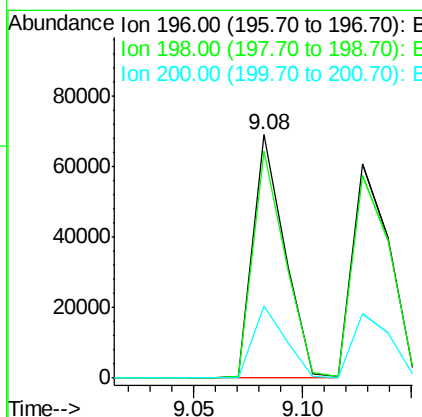
Manual Integrations
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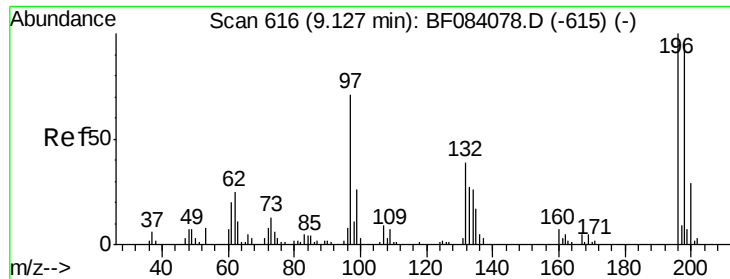
Sohil
 12/28/2015 1:08:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.59 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.7	116.5
200	29.4	24.6	37.0





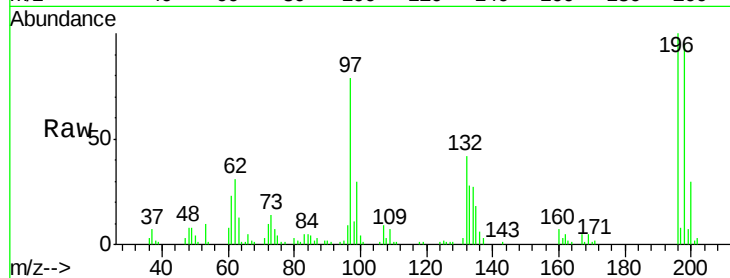
#43
 2,4,5-Trichlorophenol
 Concen: 39.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	72147		
198	94.6	79.0	118.6	
97	79.5	33.0	49.6#	
132	41.7	21.1	31.7#	

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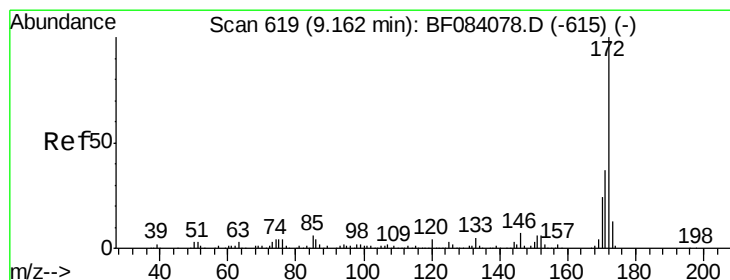
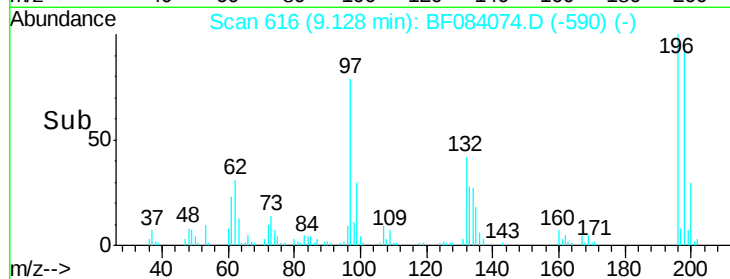
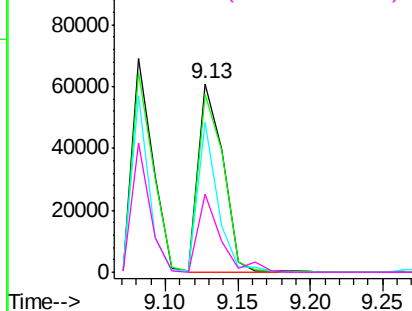
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

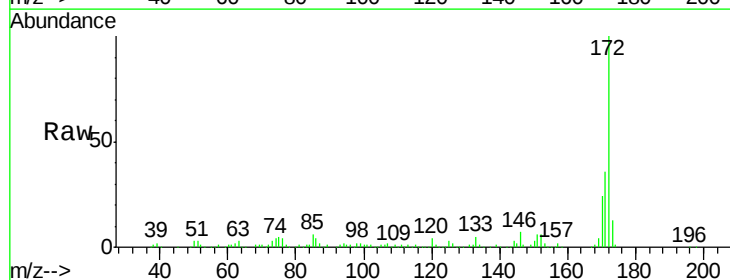
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.37 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	494576		
171	36.4	28.9	43.3	
170	23.7	18.6	27.8	

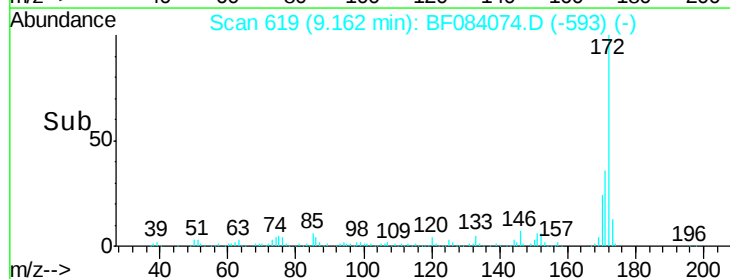
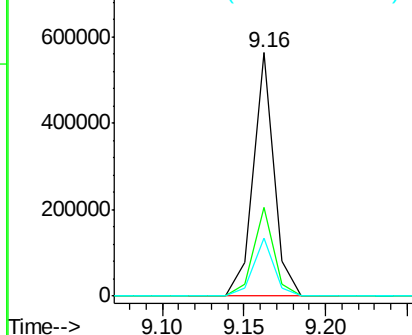


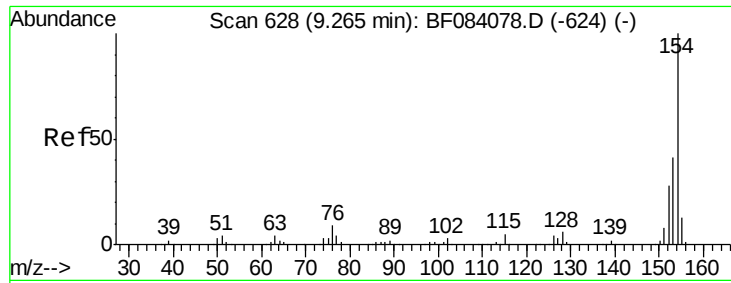
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





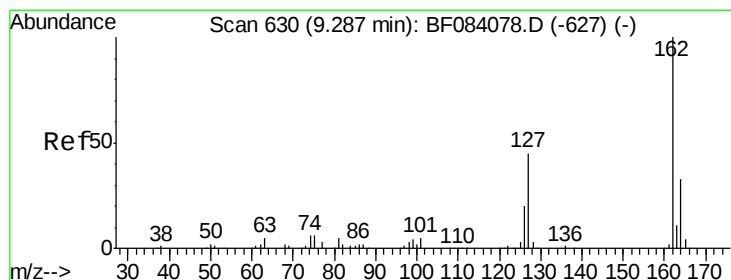
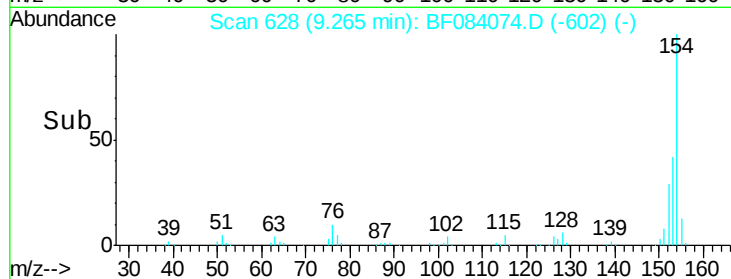
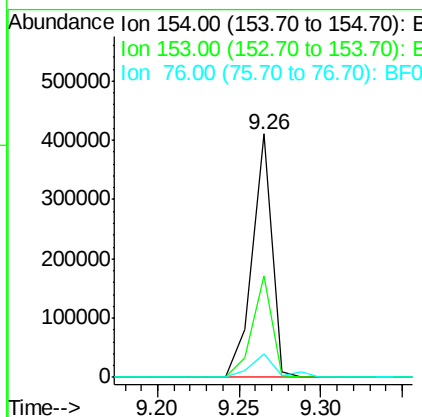
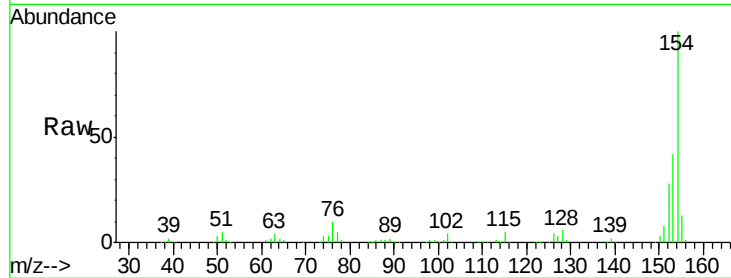
#45
 1,1'-Biphenyl
 Concen: 43.03 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	154	Resp:	344460
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.6	61.6
76	9.7	0.0	32.7

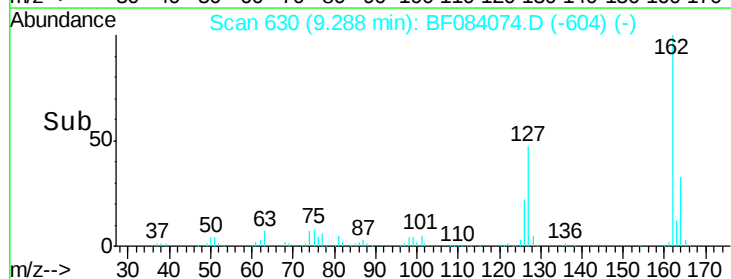
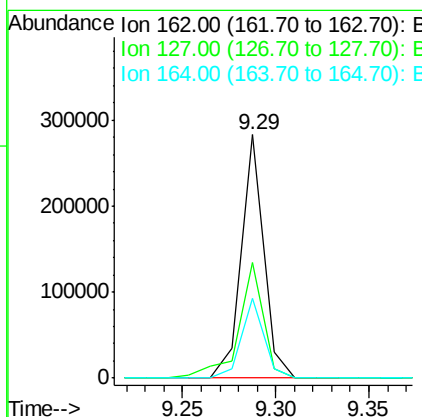
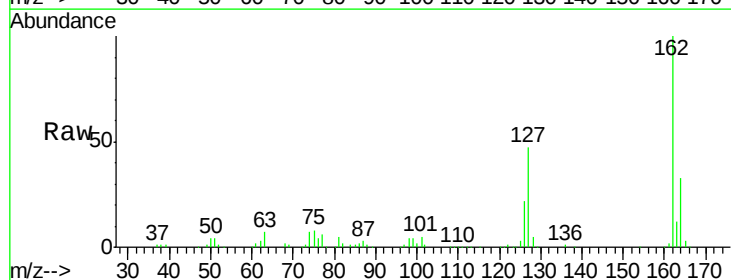
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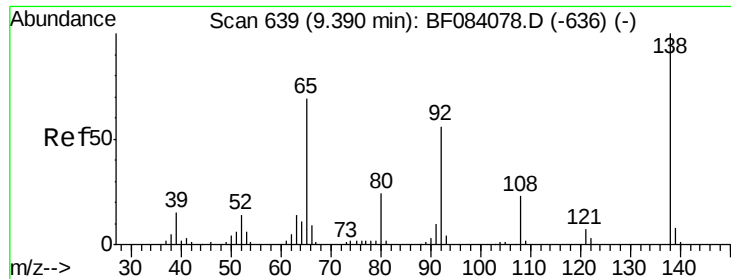
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#46
 2-Chloronaphthalene
 Concen: 39.40 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084074.D
 Acq: 24 Dec 2015 12:40

Tgt Ion:	162	Resp:	239752
Ion Ratio	Lower	Upper	
162	100		
127	47.3	40.2	60.4
164	32.8	25.7	38.5





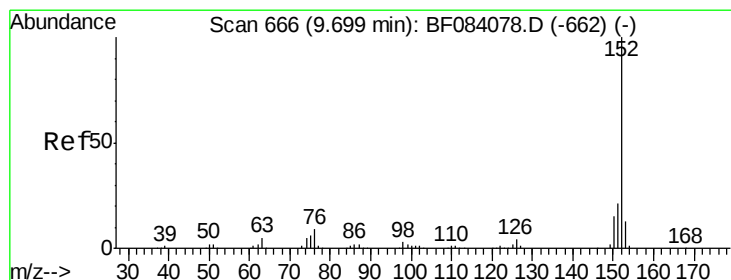
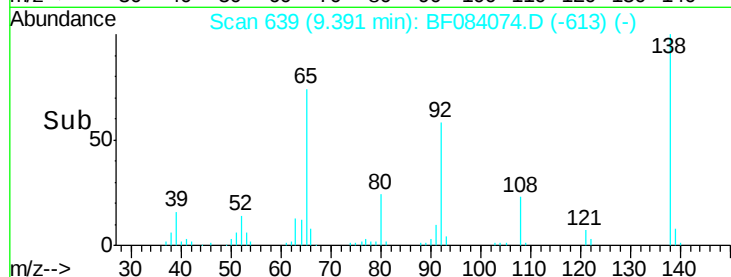
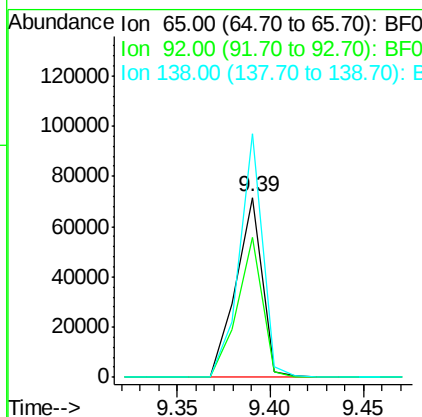
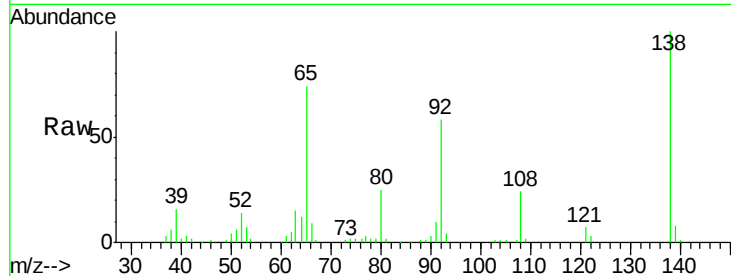
#47
2-Nitroaniline
Concen: 44.11 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	53.4	80.2
138	135.3	71.1	106.7

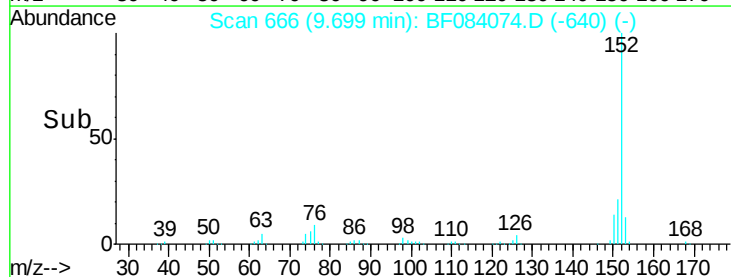
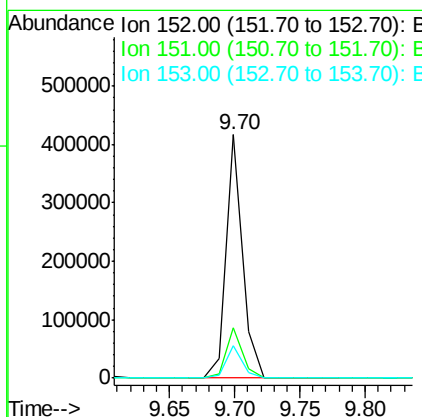
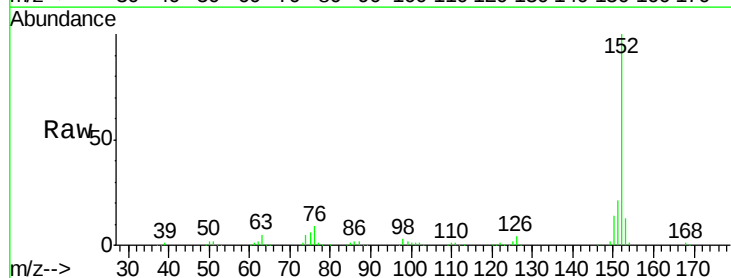
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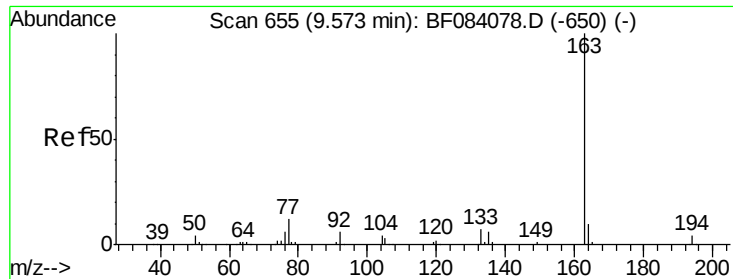
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#48
Acenaphthylene
Concen: 36.63 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.4	15.6





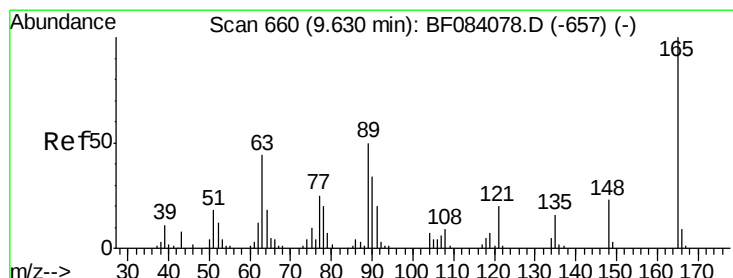
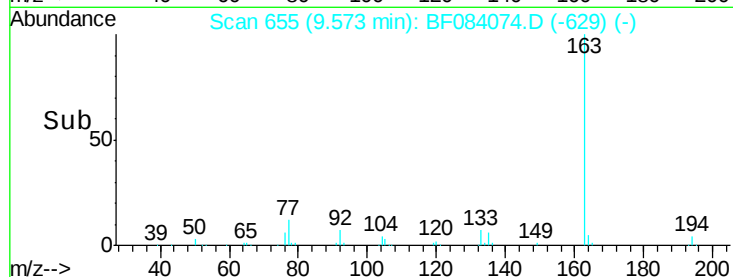
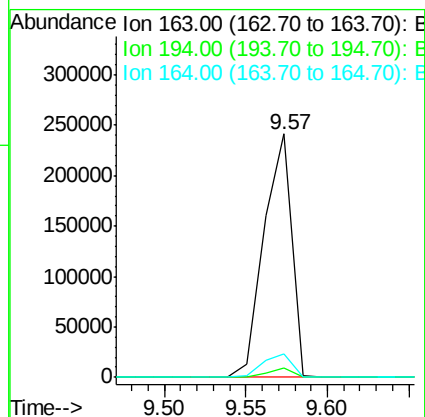
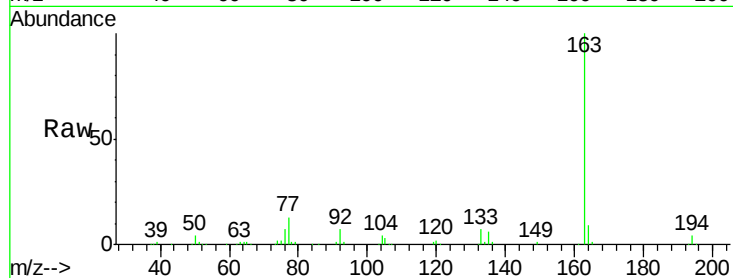
#49
Dimethylphthalate
Concen: 38.98 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	8.0	12.0#
164	9.5	8.0	12.0

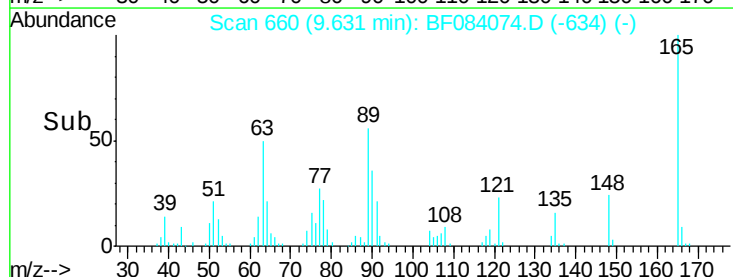
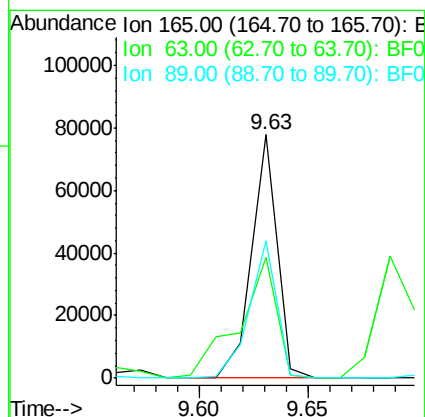
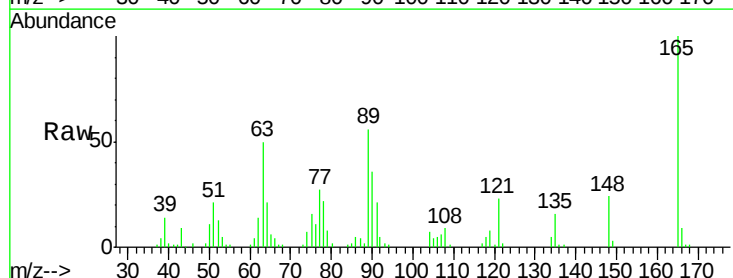
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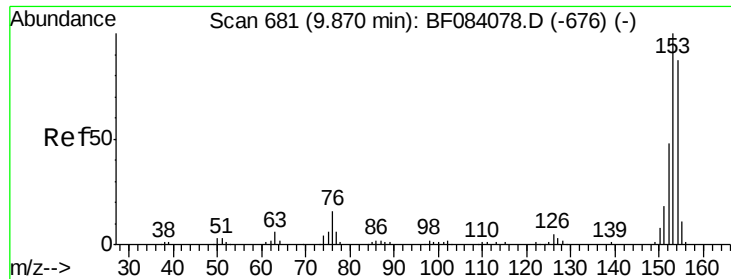
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#50
2,6-Dinitrotoluene
Concen: 40.68 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.8	28.8	43.2#
89	56.3	35.1	52.7#





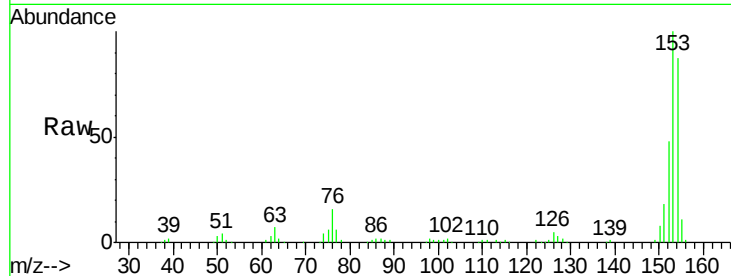
#51
Acenaphthene
Concen: 36.96 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

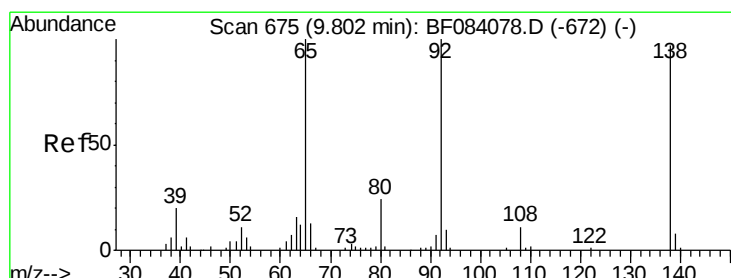
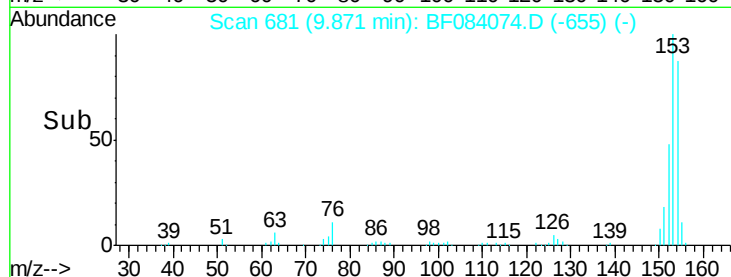
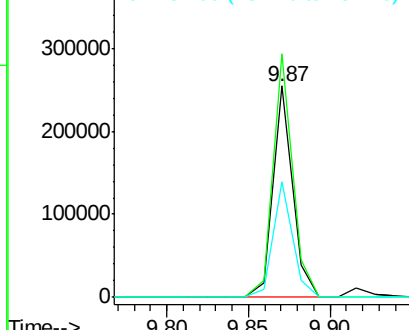
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	214803		
153	115.1	91.5	137.3	
152	54.8	43.0	64.6	

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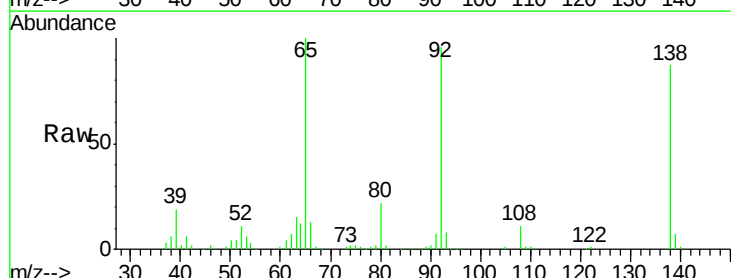


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

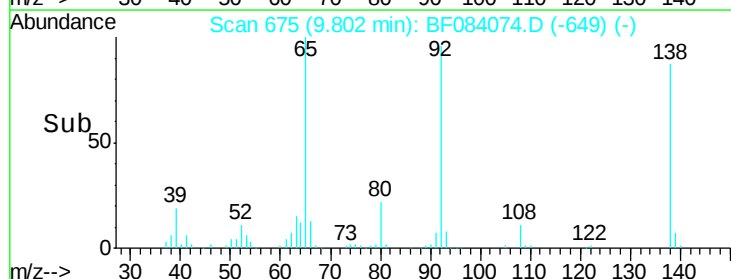
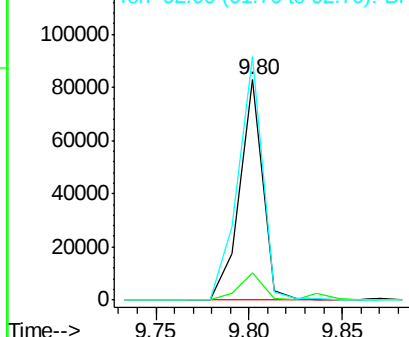


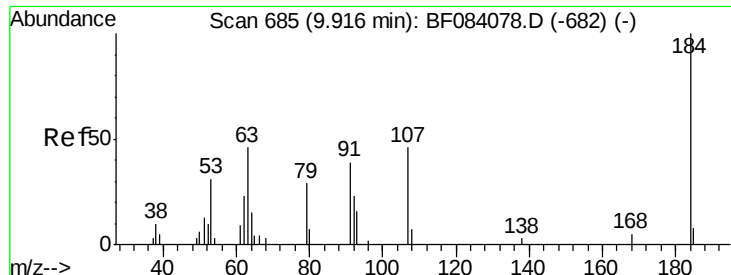
#52
3-Nitroaniline
Concen: 43.03 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	71933		
108	12.7	10.5	15.7	
92	110.4	103.9	155.9	



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





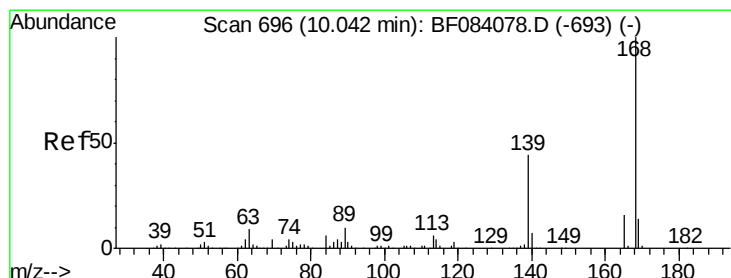
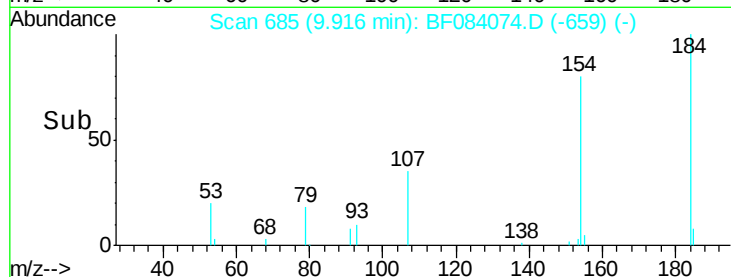
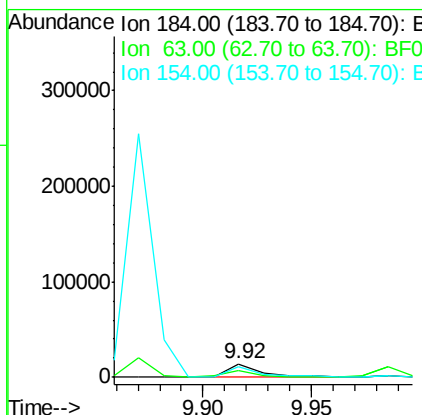
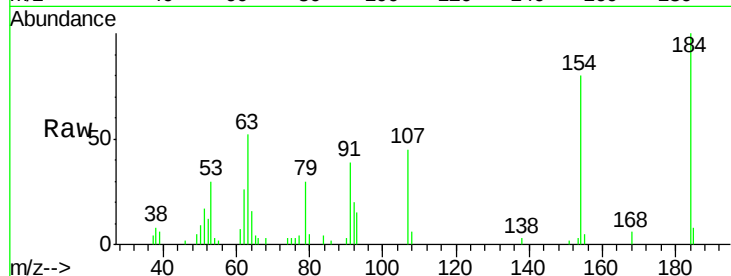
#53
2,4-Dinitrophenol
Concen: 35.48 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15108		
63	52.3	43.1	64.7	
154	80.4	60.5	90.7	

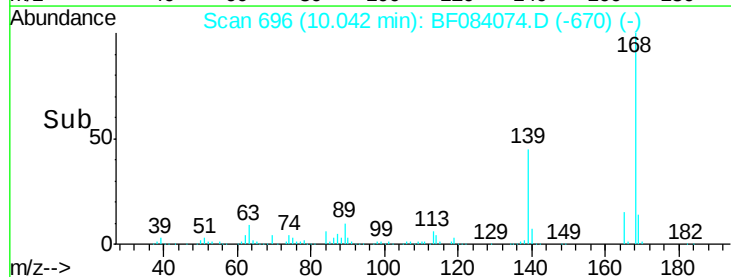
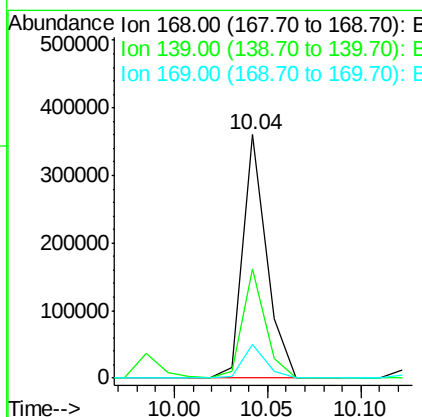
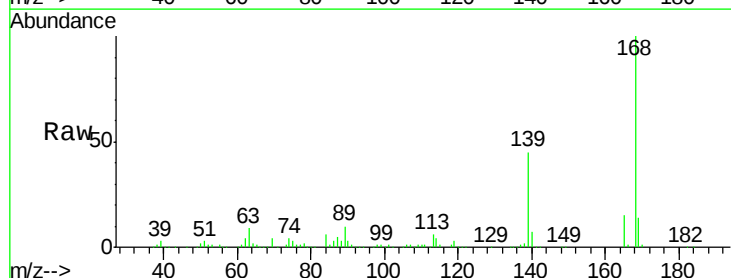
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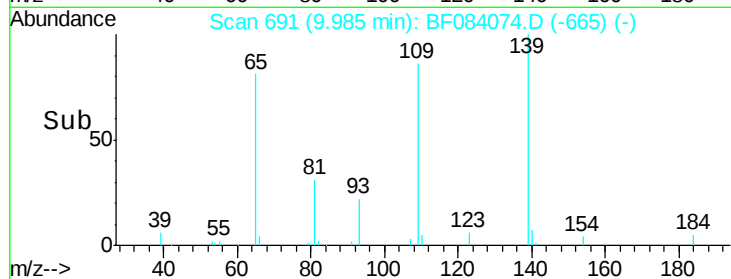
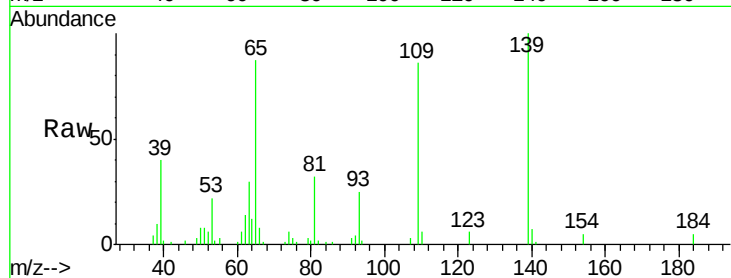
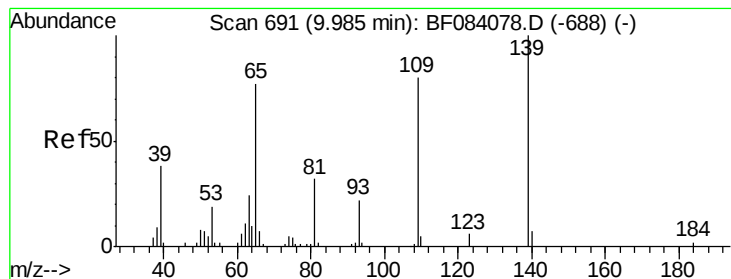
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#54
Dibenzofuran
Concen: 39.92 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084074.D
Acq: 24 Dec 2015 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	319088		
139	45.1	30.5	45.7	
169	13.9	10.4	15.6	





#55

4-Nitrophenol

Concen: 39.34 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084074.D

Acq: 24 Dec 2015 12:40

Tgt	Ion:139	Resp:	33567
Ion	Ratio	Lower	Upper
139	100		
109	86.1	58.5	98.5
65	86.6	57.6	97.6

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

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