

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083011.D
 Acq On : 18 Nov 2015 15:36
 Operator : UM/IZ
 Sample : PB86700BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:44:41 PM

Quant Time: Nov 19 02:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148203	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	600425	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	294590	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	554326	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	493672	20.00	ng	-0.01
86) Perylene-d12	15.27	264	550315	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1071021	112.44	ng	0.01
7) Phenol-d6	6.38	99	1279857	101.07	ng	-0.01
23) Nitrobenzene-d5	7.30	82	895219	64.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	300618	89.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1520667	73.98	ng	0.00
78) Terphenyl-d14	12.83	244	1392629	66.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	151329	36.82	ng	96
3) Pyridine	2.99	79	348130	29.19	ng	93
4) n-Nitrosodimethylamine	2.93	42	191547	32.38	ng	# 72
6) Aniline	6.40	93	264261	14.86	ng	# 1
8) 2-Chlorophenol	6.52	128	362624	34.34	ng	95
9) Benzaldehyde	6.27	77	23161	3.31	ng	80
10) Phenol	6.40	94	420669	29.28	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	362633	33.75	ng	# 80
12) 1,3-Dichlorobenzene	6.67	146	398311m	33.45	ng	
13) 1,4-Dichlorobenzene	6.75	146	403996m	32.61	ng	
14) 1,2-Dichlorobenzene	6.90	146	352932	31.32	ng	95
15) Benzyl Alcohol	6.88	79	342824	30.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	604644	38.36	ng	96
17) 2-Methylphenol	7.00	107	290086	32.44	ng	99
18) Hexachloroethane	7.24	117	139590	31.50	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	277050	29.76	ng	92
20) 3+4-Methylphenols	7.16	107	399112	34.32	ng	# 60
22) Acetophenone	7.14	105	525567	30.55	ng	# 98
24) Nitrobenzene	7.31	77	400399	28.37	ng	# 87
25) Isophorone	7.56	82	802138	31.42	ng	97
26) 2-Nitrophenol	7.63	139	179148	30.41	ng	# 83
27) 2,4-Dimethylphenol	7.69	122	328776	31.06	ng	94
28) bis(2-Chloroethoxy)methane	7.78	93	501056	34.79	ng	99
29) 2,4-Dichlorophenol	7.88	162	303007	31.68	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	322653	30.00	ng	98
31) Naphthalene	8.04	128	1057928	31.94	ng	98
32) Benzoic acid	7.81	122	192824	26.61	ng	90
33) 4-Chloroaniline	8.09	127	98562	6.90	ng	92
34) Hexachlorobutadiene	8.17	225	205675	30.55	ng	100
35) Caprolactam	8.45	113	101801m	33.76	ng	
36) 4-Chloro-3-methylphenol	8.59	107	347635	30.90	ng	91
37) 2-Methylnaphthalene	8.73	142	668950	31.22	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	306807	31.69	ng	98
40) Hexachlorocyclopentadiene	8.89	237	351029	67.49	ng	99

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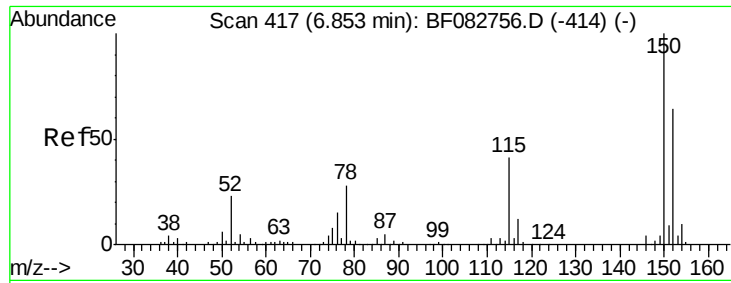
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	220279	30.48	ng	96
43) 2,4,5-Trichlorophenol	9.06	196	224605	31.43	ng	96
45) 1,1'-Biphenyl	9.20	154	808208	31.97	ng	96
46) 2-Chloronaphthalene	9.22	162	664371	33.69	ng	98
47) 2-Nitroaniline	9.31	65	220794	30.19	ng	92
48) Acenaphthylene	9.63	152	1012014	32.75	ng	99
49) Dimethylphthalate	9.50	163	845495	35.03	ng	98
50) 2,6-Dinitrotoluene	9.56	165	190456	36.98	ng #	78
51) Acenaphthene	9.80	154	716300	36.57	ng	99
52) 3-Nitroaniline	9.72	138	78762	13.91	ng #	85
53) 2,4-Dinitrophenol	9.84	184	200795	71.01	ng #	12
54) Dibenzofuran	9.97	168	860861	32.60	ng	93
55) 4-Nitrophenol	9.90	139	233602	53.76	ng #	81
56) 2,4-Dinitrotoluene	9.96	165	236392	33.83	ng	97
57) Fluorene	10.32	166	706018	33.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	205235	35.19	ng #	89
59) Diethylphthalate	10.20	149	753400	31.97	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	367823	34.38	ng	97
61) 4-Nitroaniline	10.34	138	168666	29.61	ng #	81
62) Azobenzene	10.48	77	940530	37.15	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	135657	34.35	ng	85
65) n-Nitrosodiphenylamine	10.43	169	609740	30.45	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	205328	30.76	ng #	68
67) Hexachlorobenzene	10.86	284	233995	31.40	ng #	79
68) Atrazine	10.97	200	241826	39.05	ng	94
69) Pentachlorophenol	11.06	266	240776	53.20	ng	98
70) Phenanthrene	11.28	178	1164386	36.17	ng	97
71) Anthracene	11.32	178	1044940	30.82	ng	98
72) Carbazole	11.48	167	1029316	34.68	ng	98
73) Di-n-butylphthalate	11.82	149	1293145	34.97	ng #	98
74) Fluoranthene	12.45	202	1073298	31.07	ng	99
76) Benzidine	12.58	184	386352	23.35	ng	99
77) Pyrene	12.68	202	1171217	34.55	ng	98
79) Butylbenzylphthalate	13.31	149	503864	33.64	ng	99
80) Benzo(a)anthracene	13.87	228	1053638	34.13	ng	98
81) 3,3'-Dichlorobenzidine	13.84	252	179201	16.33	ng #	97
82) Chrysene	13.91	228	966025	34.17	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	755953	36.88	ng	100
84) Di-n-octyl phthalate	14.50	149	1662099	48.61	ng	95
85) Indeno(1,2,3-cd)pyrene	16.58	276	1011744	41.55	ng #	93
87) Benzo(b)fluoranthene	14.89	252	1238635m	35.06	ng	
88) Benzo(k)fluoranthene	14.91	252	991665m	31.65	ng	
89) Benzo(a)pyrene	15.22	252	1056949	34.54	ng	99
90) Dibenzo(a,h)anthracene	16.60	278	846921	32.68	ng #	97
91) Benzo(g,h,i)perylene	16.98	276	831009	33.48	ng #	96

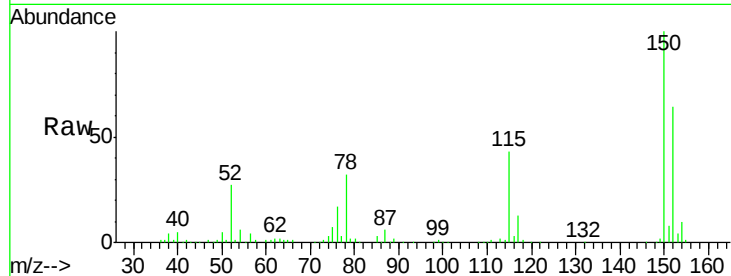
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

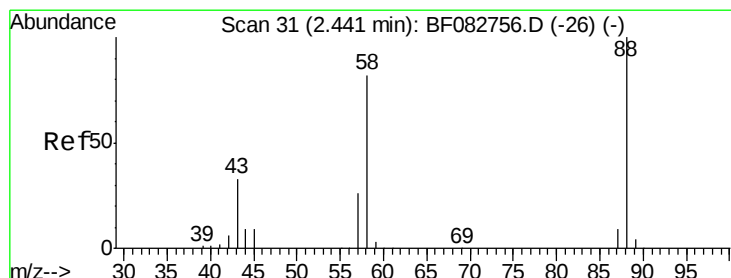
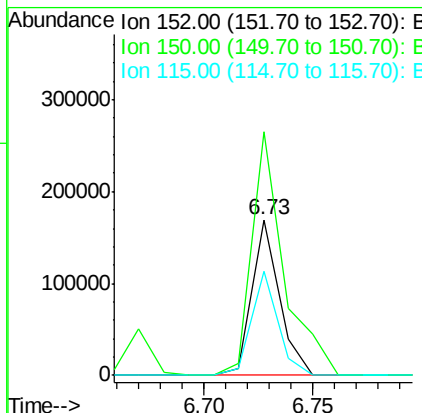
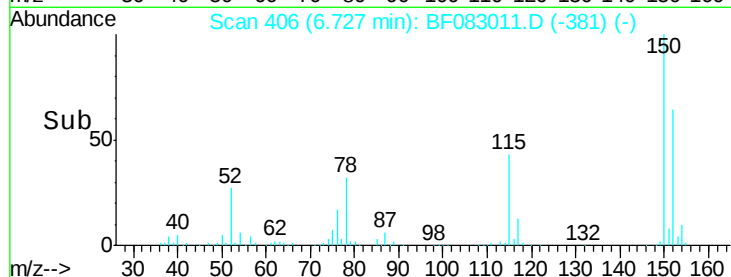
Instrument :
BNA_F
ClientSampleId :
PB86700BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.0	190.4
115	67.1	47.0	70.6

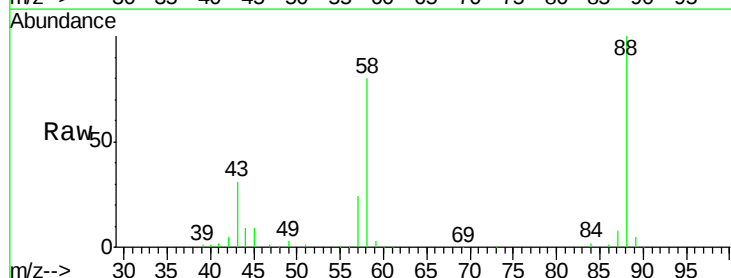
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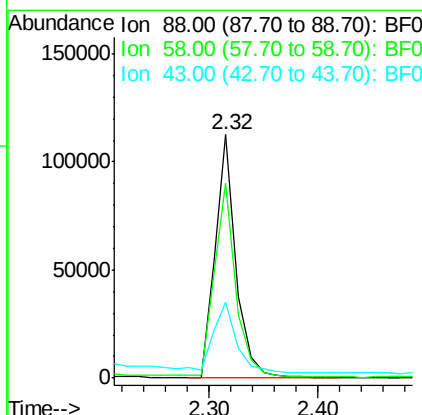
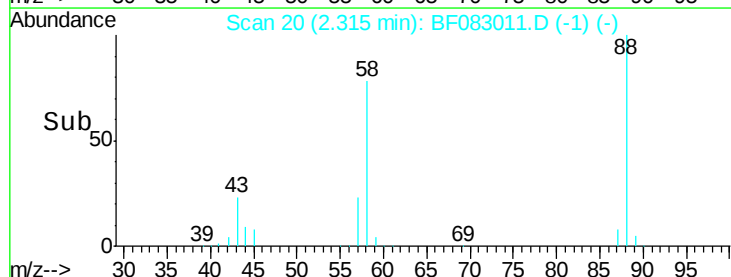


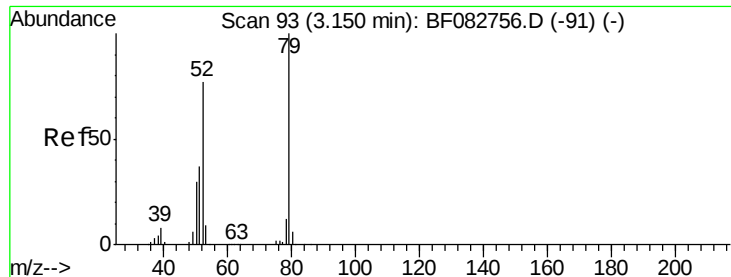
#2

1,4-Dioxane
Concen: 36.82 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.08 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36



Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.0	93.0
43	34.1	26.6	40.0





#3

Pyridine

Concen: 29.19 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

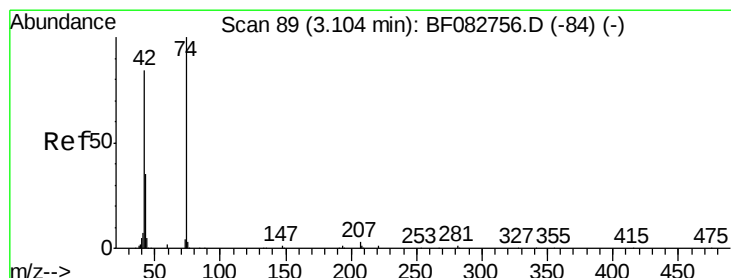
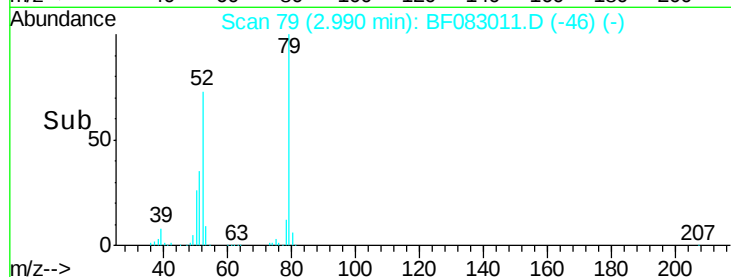
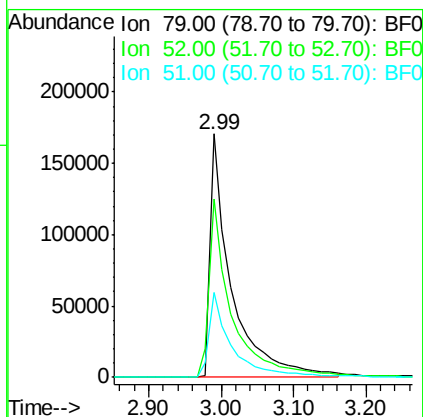
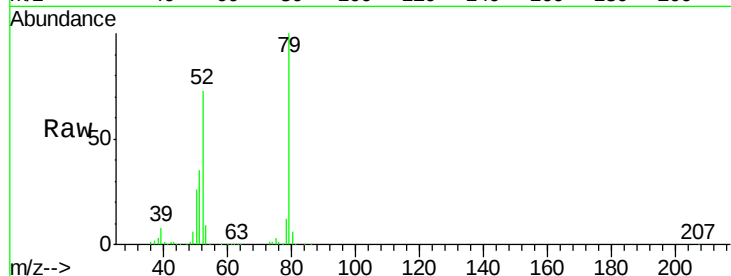
ClientSampleId :

PB86700BS

Tgt Ion:	79	Resp:	348130
Ion Ratio	Lower	Upper	
79	100		
52	73.3	62.8	94.2
51	34.9	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 32.38 ng

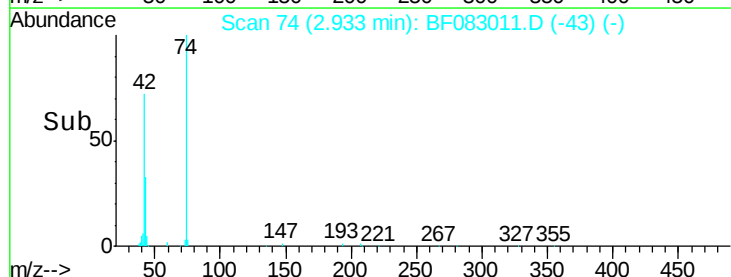
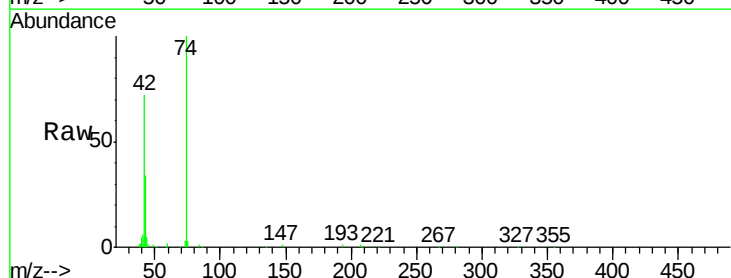
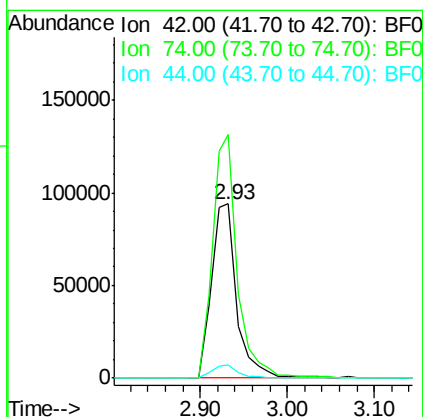
RT: 2.93 min Scan# 74

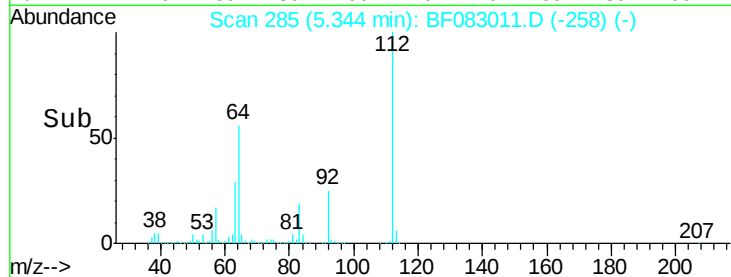
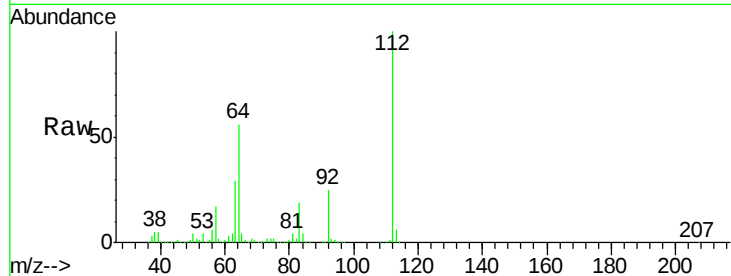
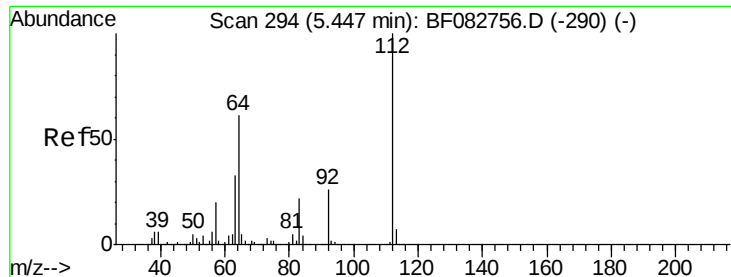
Delta R.T. 0.06 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	42	Resp:	191547
Ion Ratio	Lower	Upper	
42	100		
74	139.8	87.0	130.4#
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 112.44 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083011.D

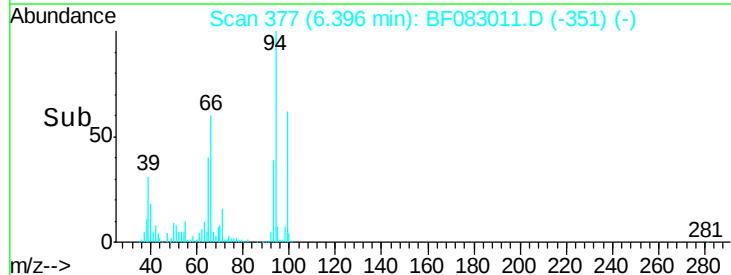
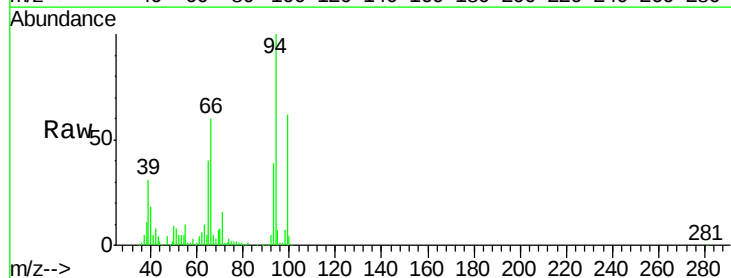
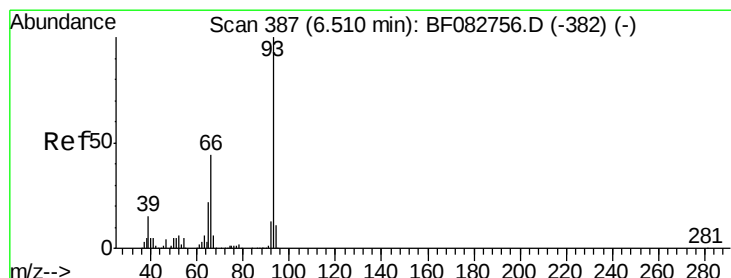
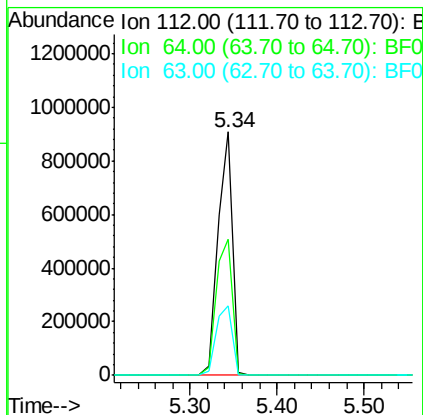
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.9	73.3
63	28.7	28.1	42.1

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#6

Aniline

Concen: 14.86 ng

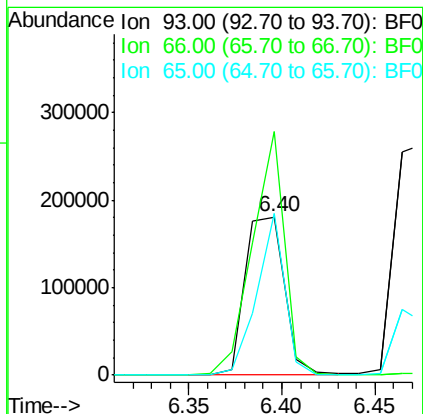
RT: 6.40 min Scan# 377

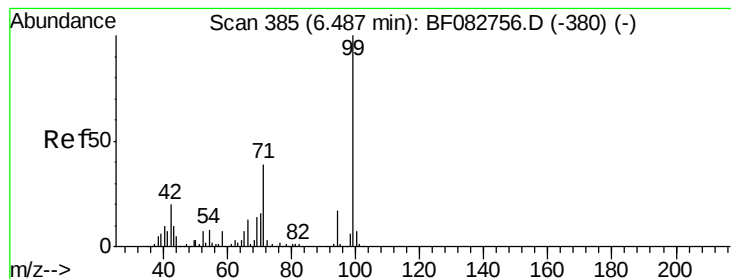
Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
66	153.8	33.6	50.4#
65	102.2	18.1	27.1#





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083011.D

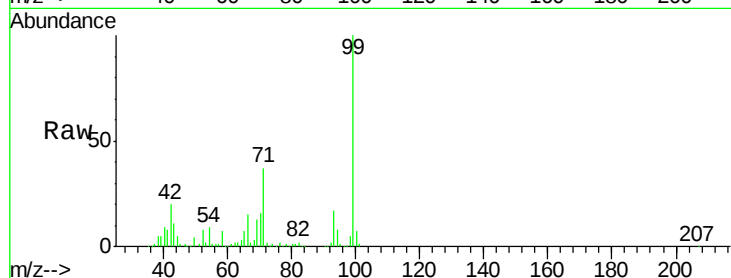
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS



Tgt Ion: 99 Resp: 1279857

Ion Ratio Lower Upper

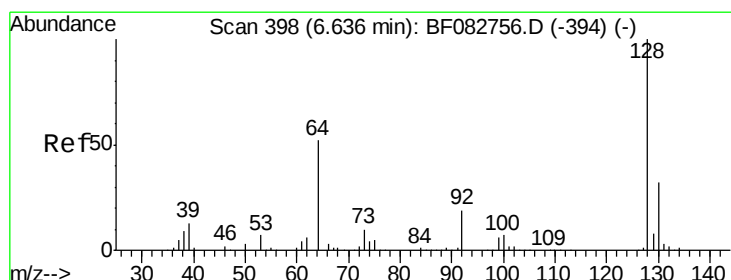
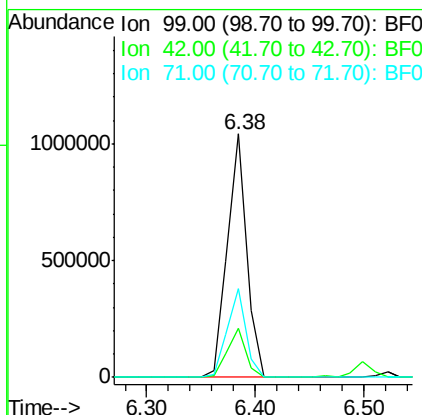
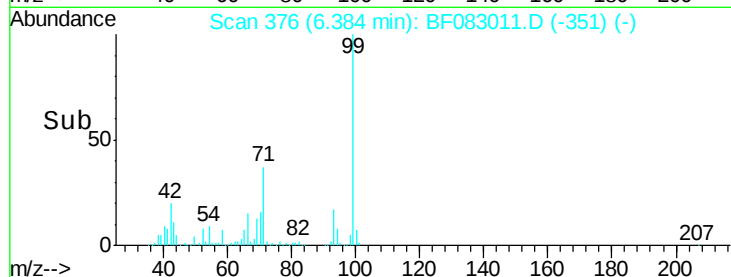
99 100

42 20.2 19.2 28.8

71 36.7 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 34.34 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

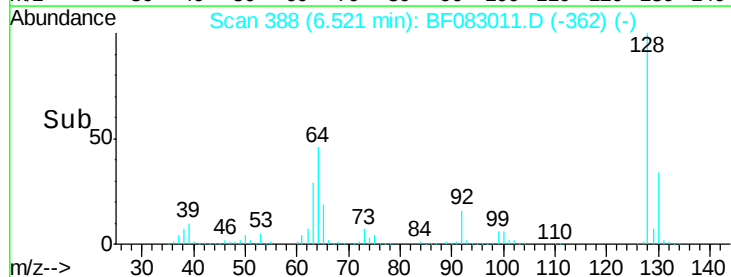
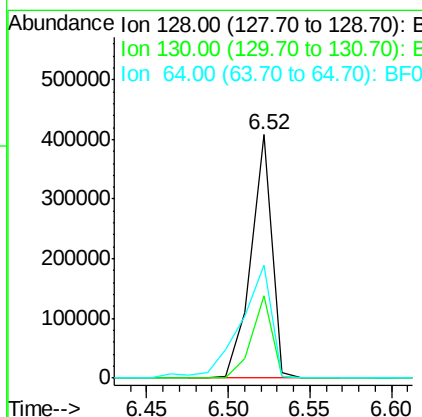
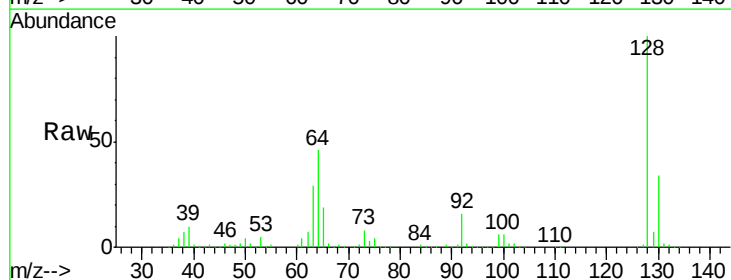
Tgt Ion: 128 Resp: 362624

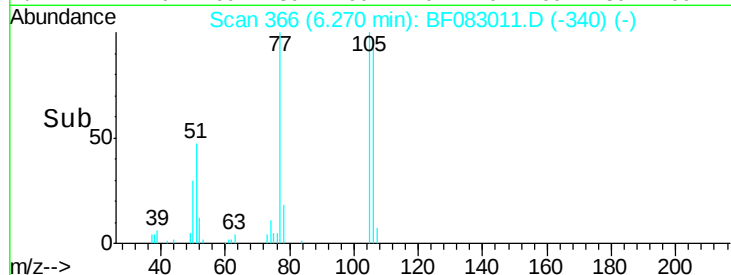
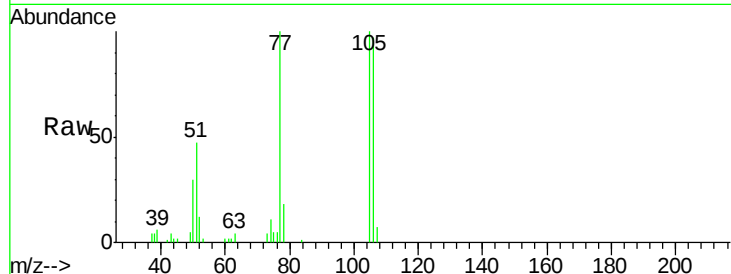
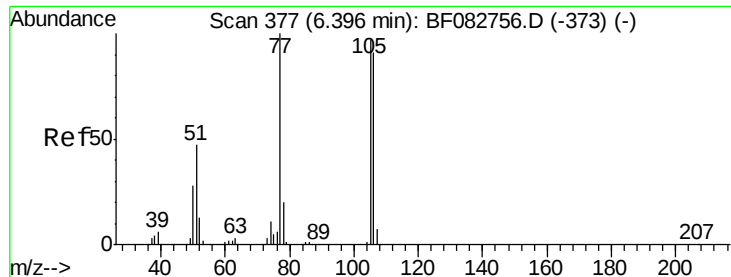
Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

64 46.3 21.1 61.1





#9

Benzaldehyde

Concen: 3.31 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	77	Resp:	23161
Ion Ratio	Lower	Upper	
77	100		
105	100.3	63.5	103.5
106	97.5	59.3	99.3

Instrument :

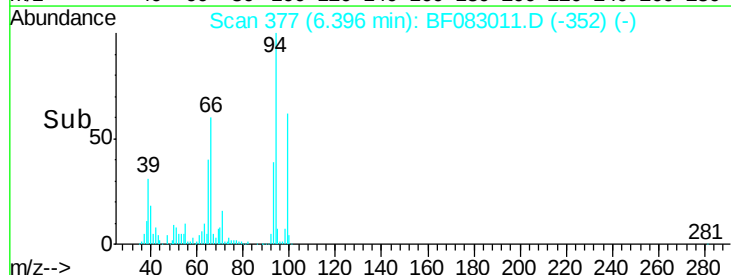
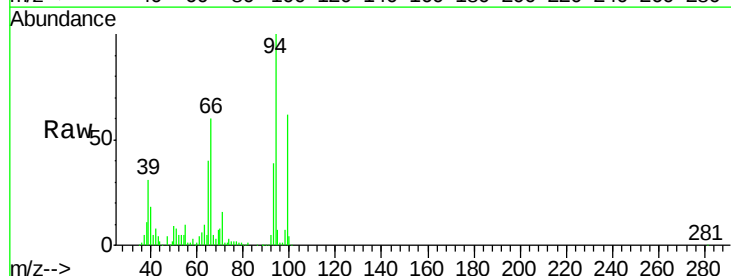
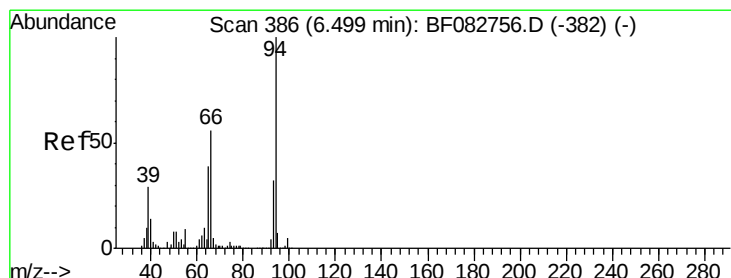
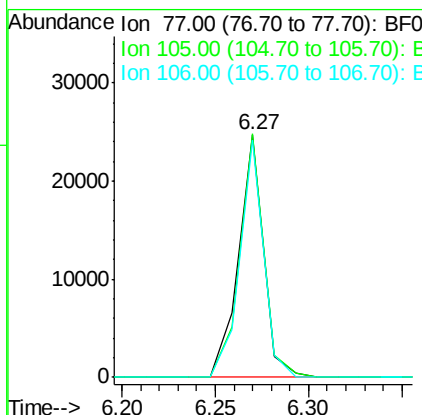
BNA_F

ClientSampleId :

PB86700BS

Manual Integrations
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#10

Phenol

Concen: 29.28 ng

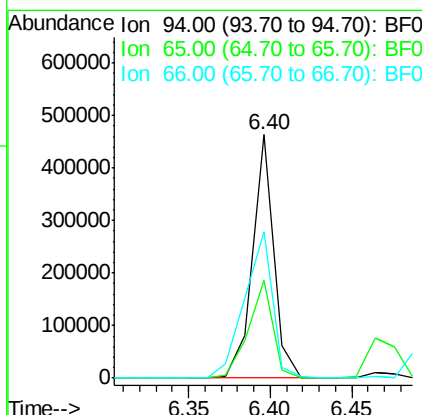
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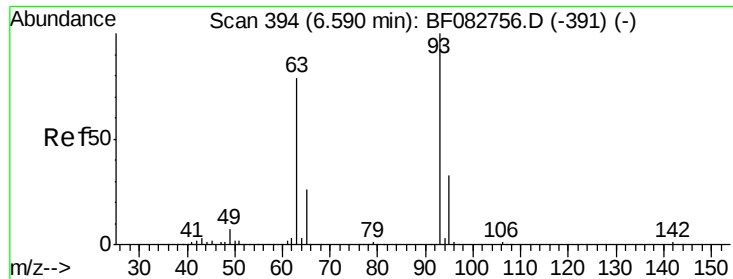
Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	94	Resp:	420669
Ion Ratio	Lower	Upper	
94	100		
65	39.9	18.9	58.9
66	60.1	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 33.75 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

Tgt Ion: 93 Resp: 362633
Ion Ratio Lower Upper

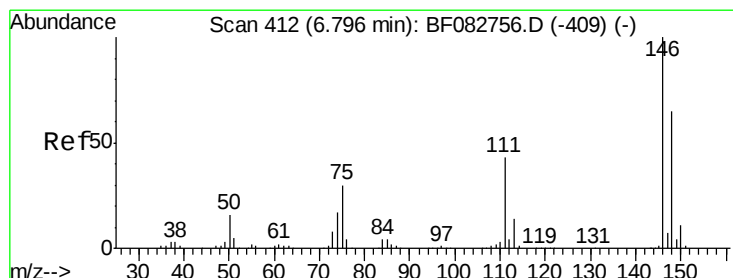
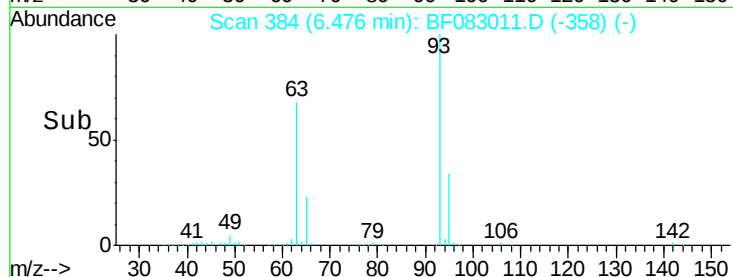
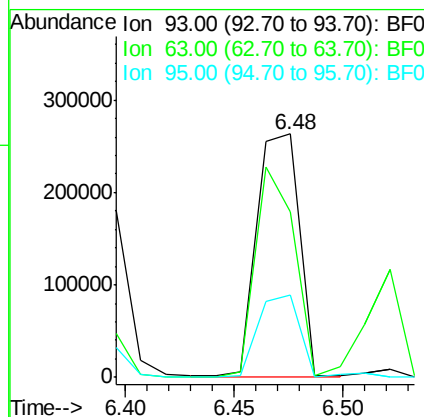
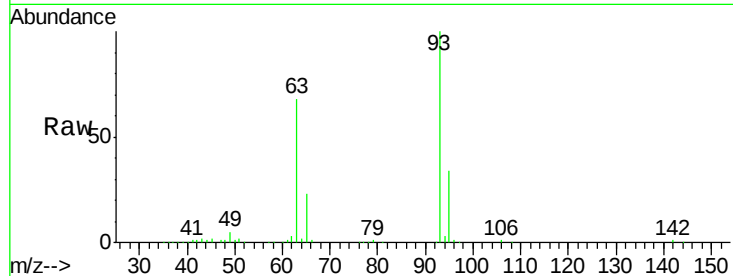
93 100

63 68.0 72.7 112.7#

95 34.1 12.0 52.0

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#12

1,3-Dichlorobenzene

Concen: 33.45 ng m

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF083011.D

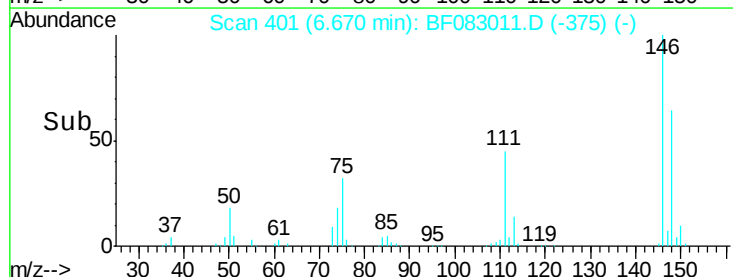
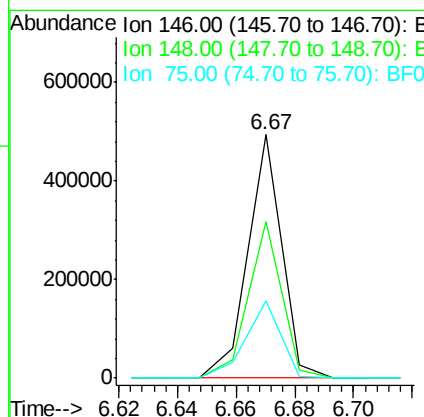
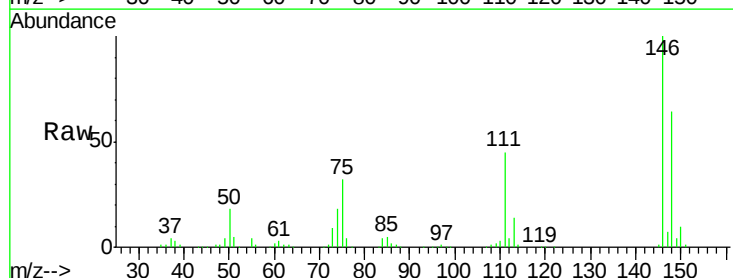
Acq: 18 Nov 2015 15:36

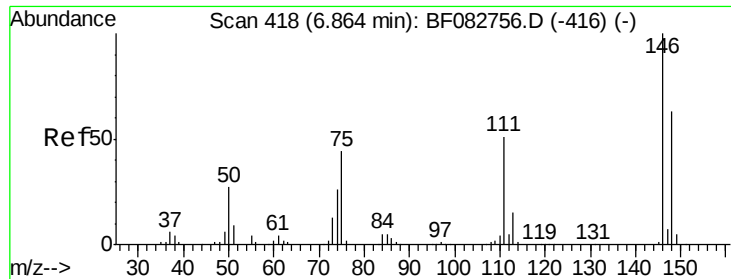
Tgt Ion: 146 Resp: 398311
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

75 32.0 39.5 59.3#





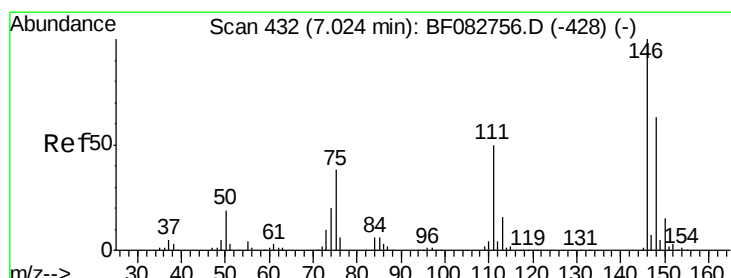
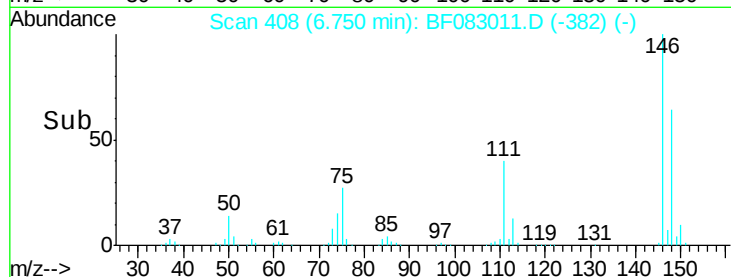
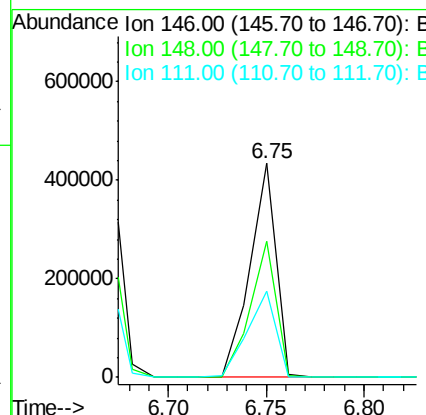
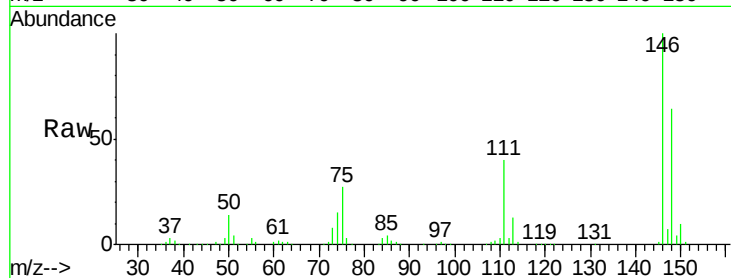
#13
 1,4-Dichlorobenzene
 Concen: 32.61 ng m
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	403996		
148	63.8	50.8	76.2	
111	40.1	40.6	60.8#	

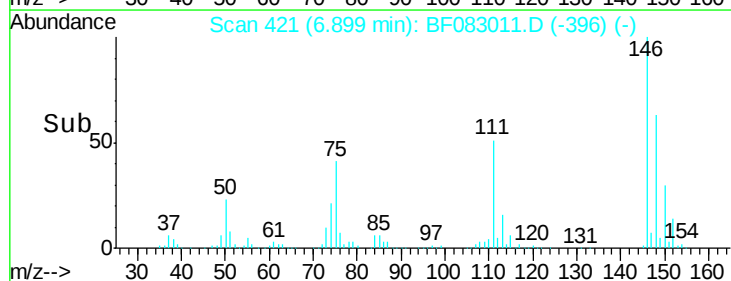
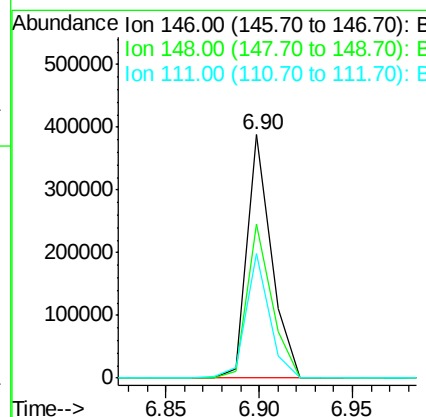
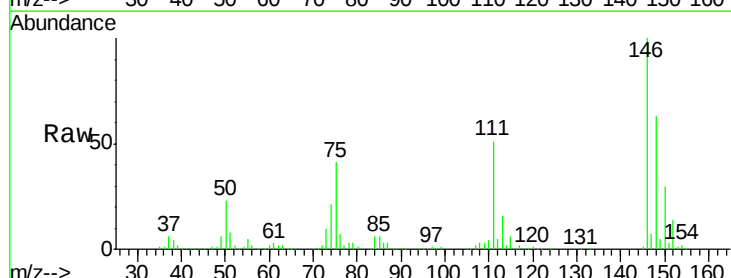
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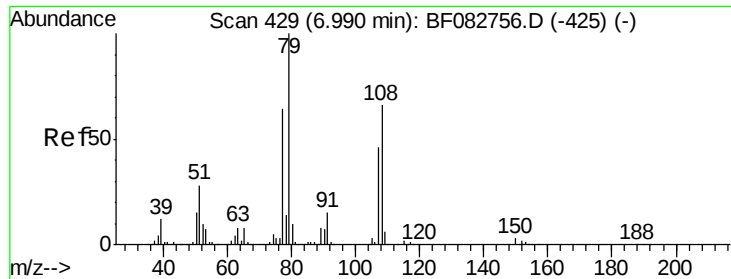
Mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 31.32 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	352932		
148	63.0	52.2	78.4	
111	51.4	36.6	55.0	





#15

Benzyl Alcohol

Concen: 30.83 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

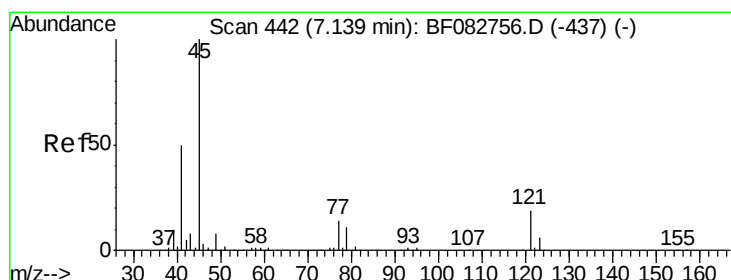
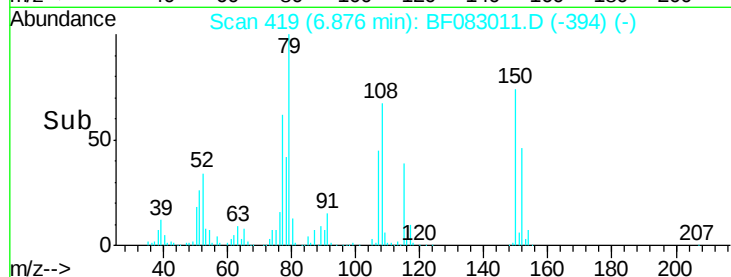
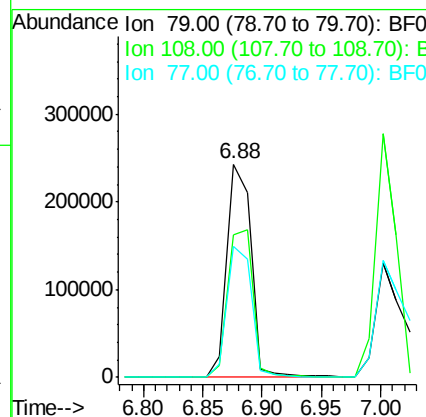
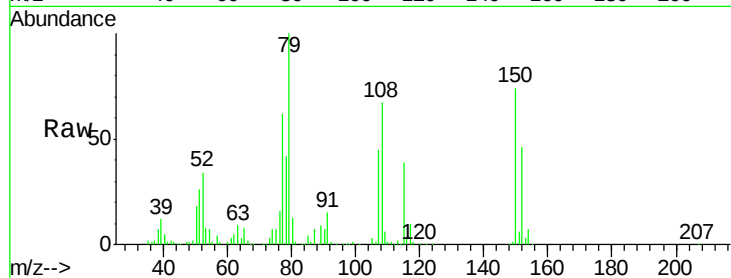
ClientSampleId :

PB86700BS

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Tgt Ion:	79	Resp:	342824
Ion	Ratio	Lower	Upper
79	100		
108	66.9	52.2	78.4
77	61.5	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.36 ng

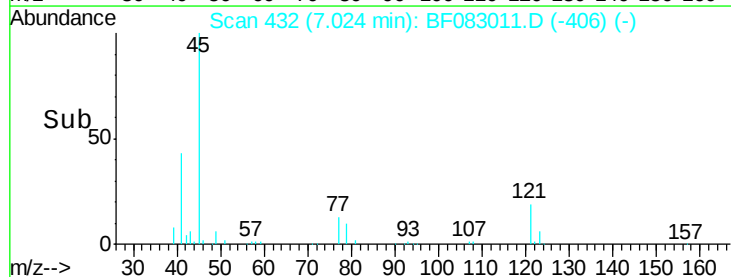
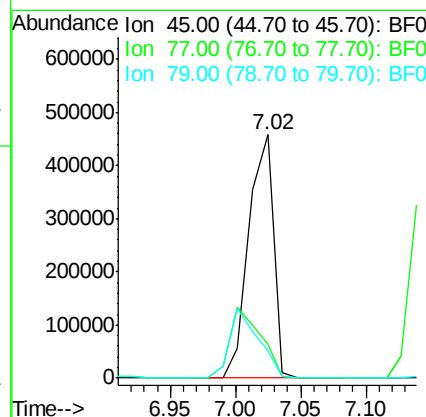
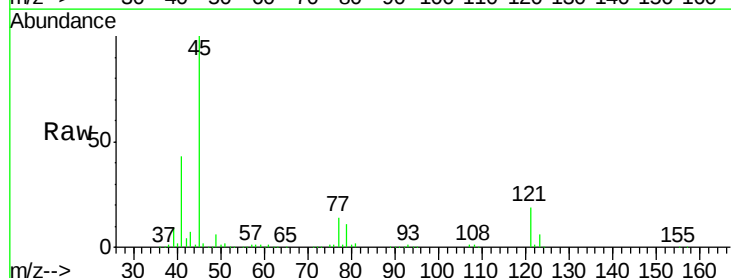
RT: 7.02 min Scan# 432

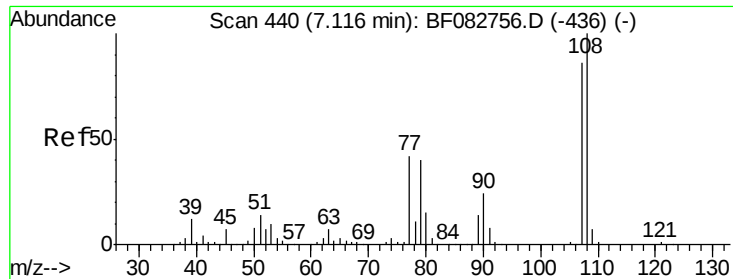
Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	45	Resp:	604644
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.6
79	11.3	0.0	29.2





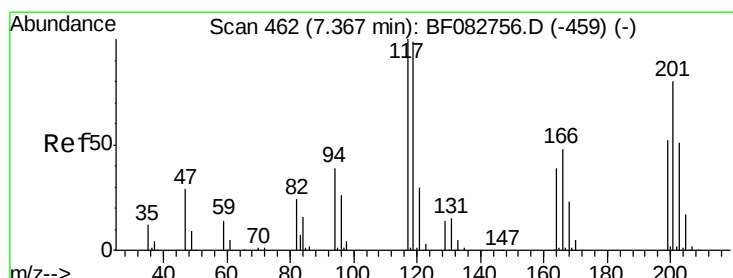
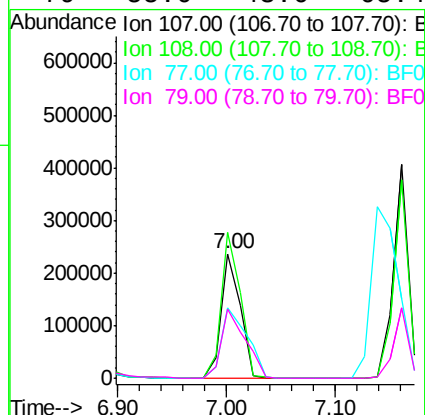
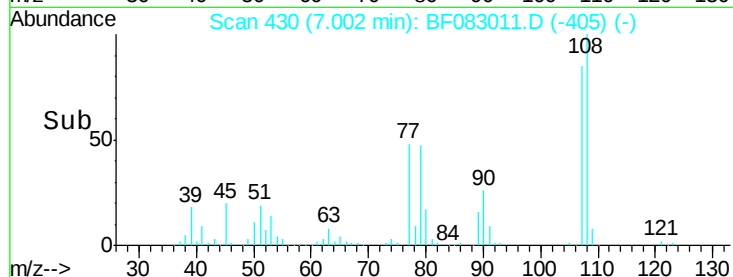
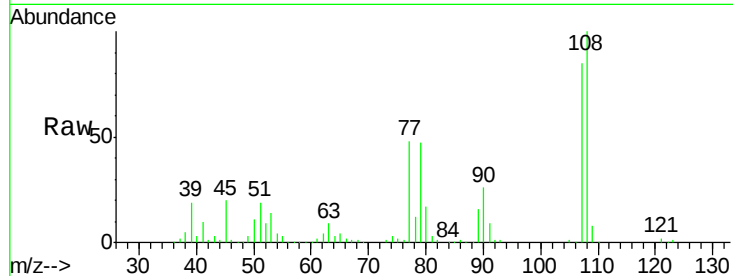
#17
2-Methylphenol
Concen: 32.44 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	290086		
108	117.1	93.0	139.4	
77	56.1	44.1	66.1	
79	55.0	43.6	65.4	

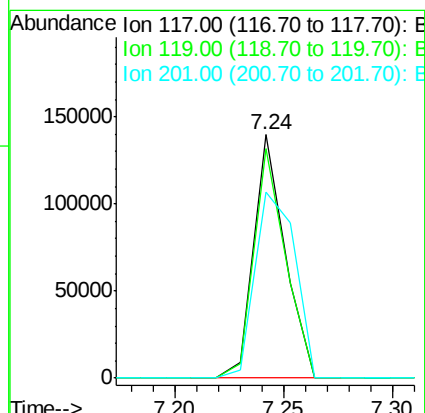
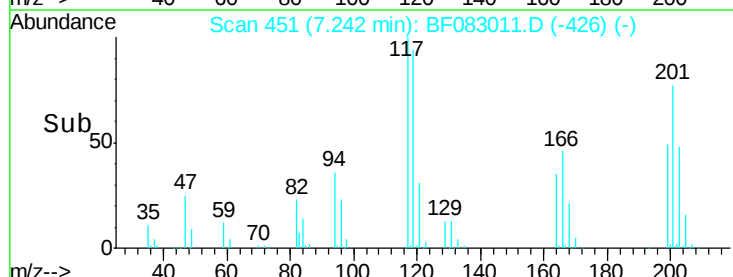
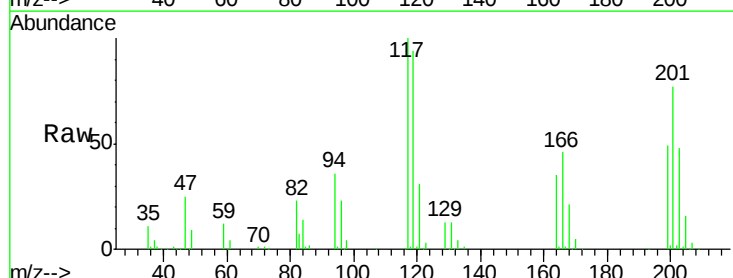
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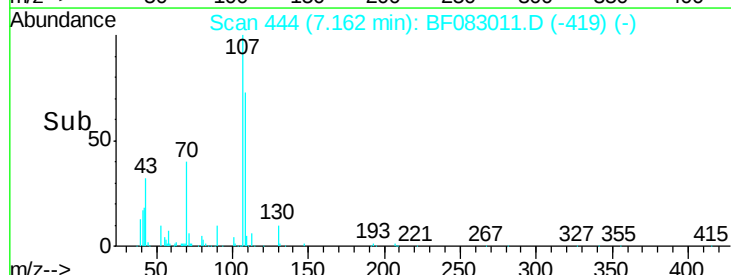
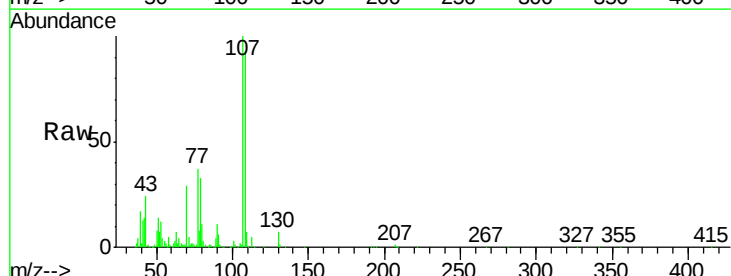
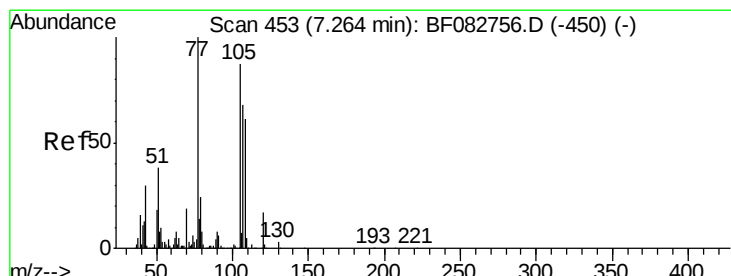
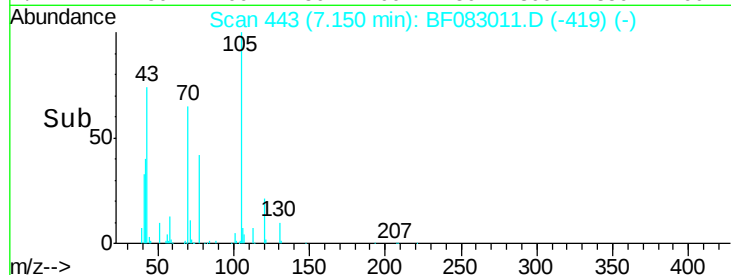
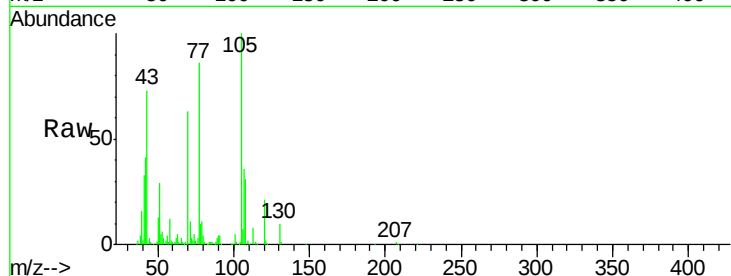
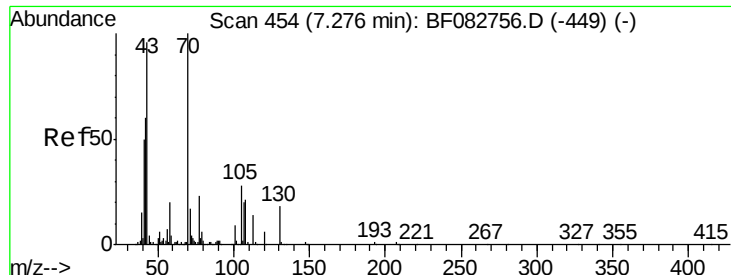
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#18
Hexachloroethane
Concen: 31.50 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139590		
119	94.3	77.7	116.5	
201	76.5	66.7	100.1	

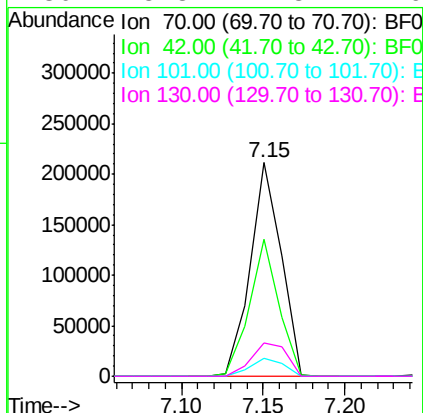




#19
n-Nitroso-di-n-propylamine
Concen: 29.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.1	57.7	86.5
101	8.1	7.0	10.6
130	15.8	11.8	17.6

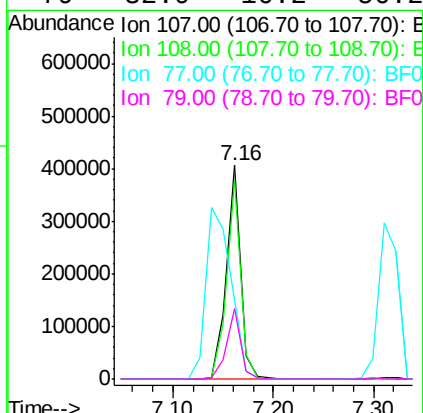


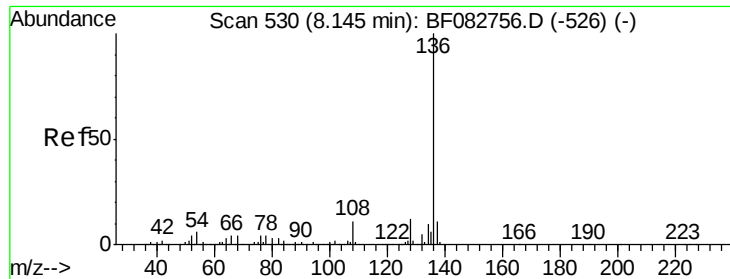
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#20
3+4-Methylphenols
Concen: 34.32 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	67.3	107.3
77	37.1	100.3	140.3#
79	32.9	16.2	56.2





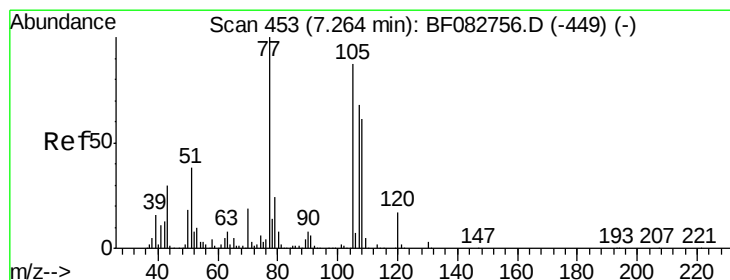
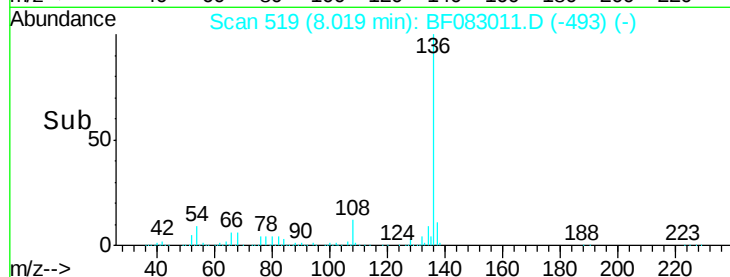
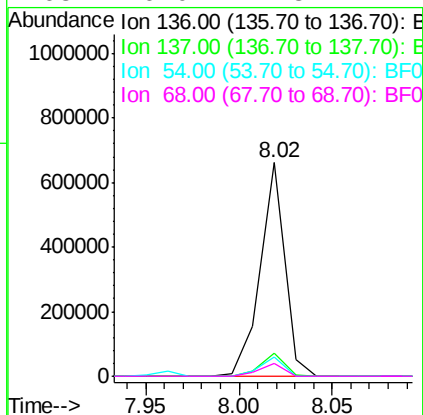
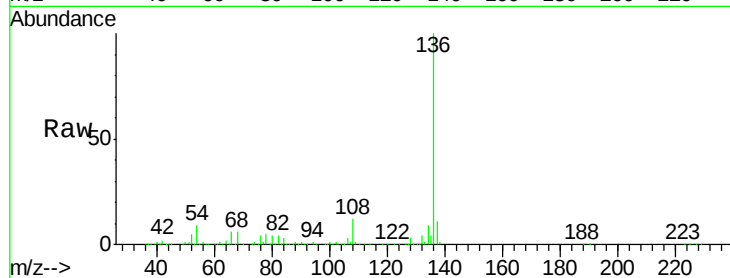
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	600425		
137	11.1	9.1	13.7	
54	9.0	9.1	13.7#	
68	6.0	4.8	7.2	

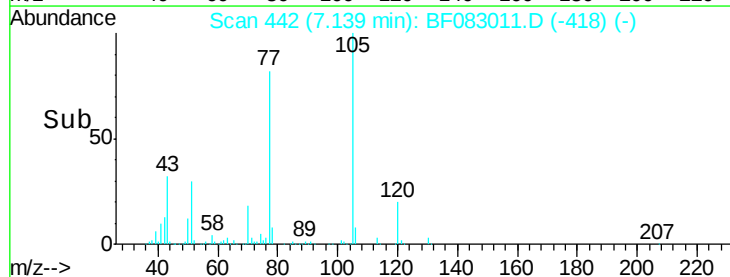
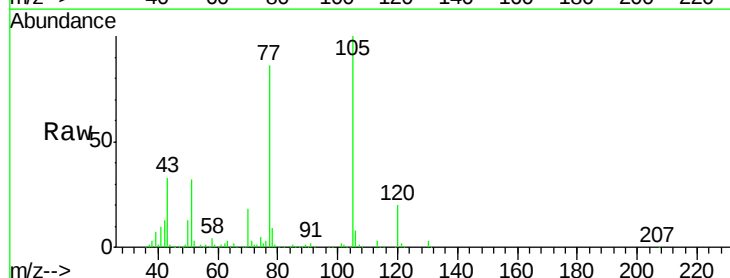
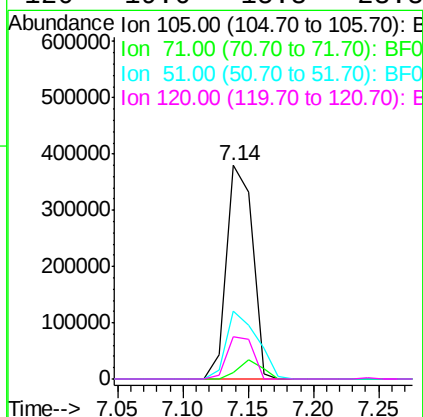
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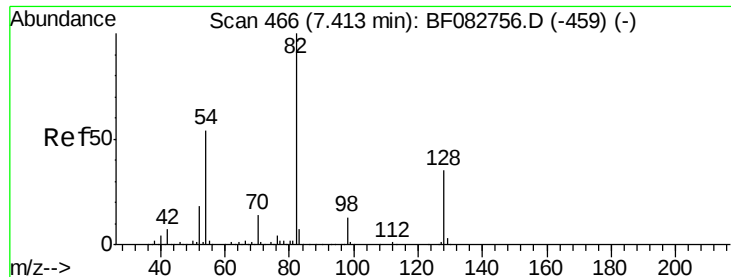
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#22
Acetophenone
Concen: 30.55 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525567		
71	3.1	5.6	8.4#	
51	32.0	24.9	37.3	
120	19.6	15.8	23.8	





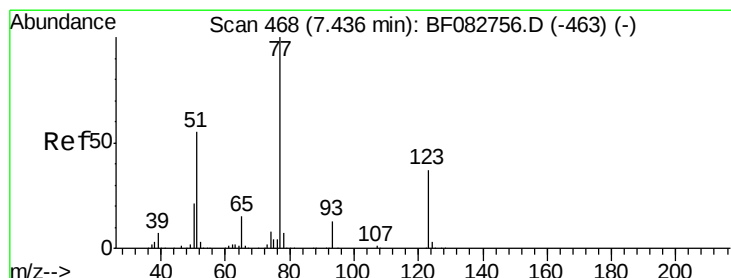
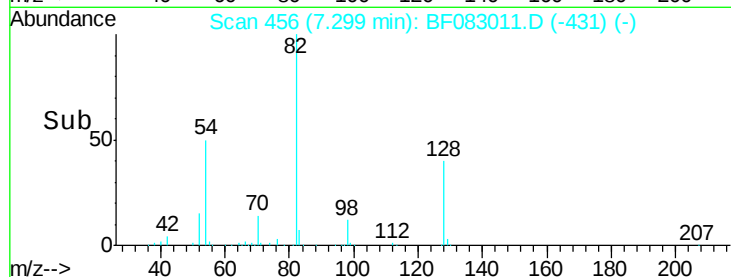
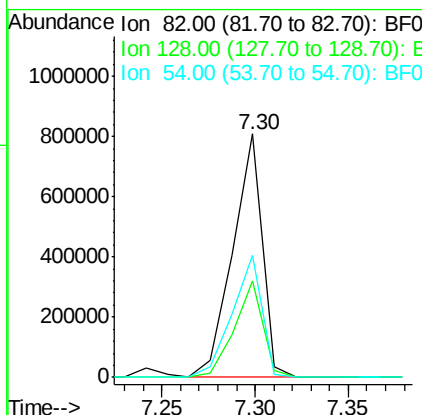
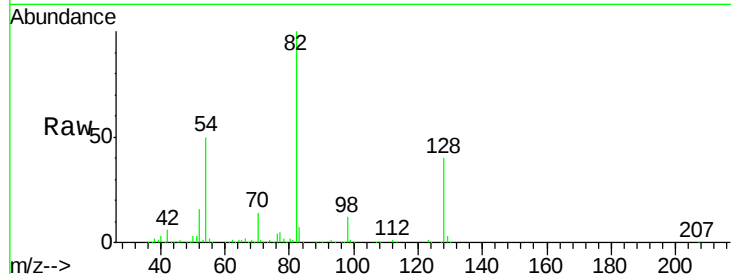
#23
 Nitrobenzene-d5
 Concen: 64.88 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	26.8	40.2
54	50.3	45.7	68.5

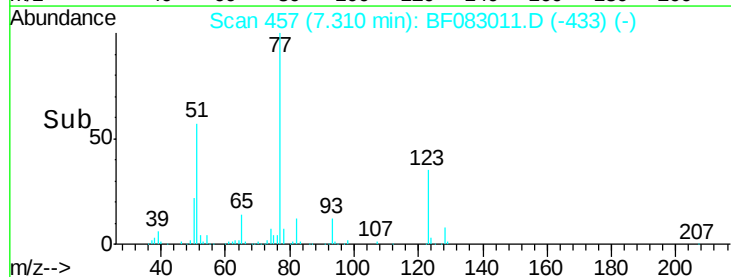
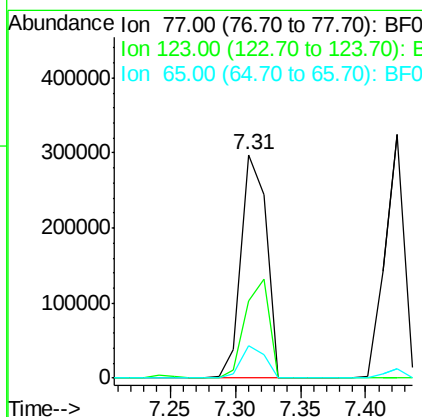
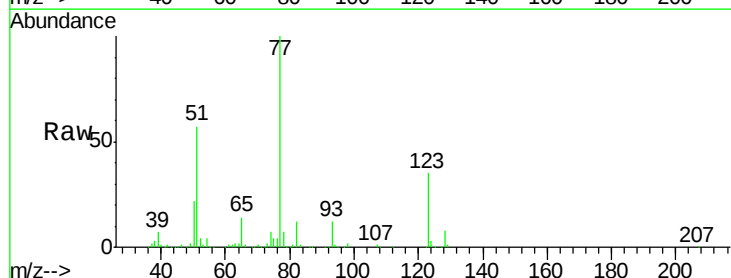
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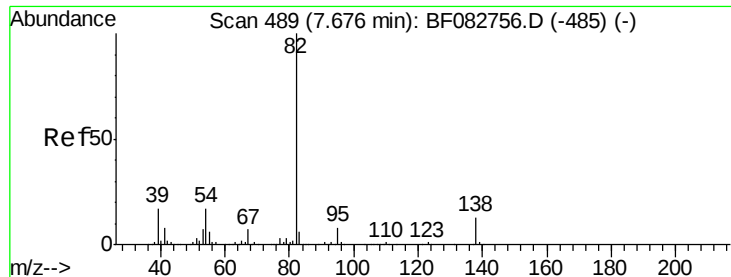
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#24
 Nitrobenzene
 Concen: 28.37 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	36.4	54.6#
65	14.3	11.5	17.3





#25

Isophorone

Concen: 31.42 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

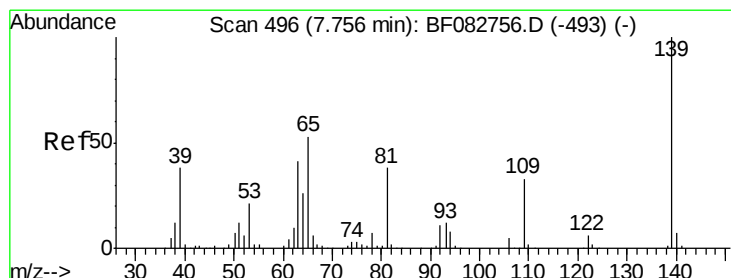
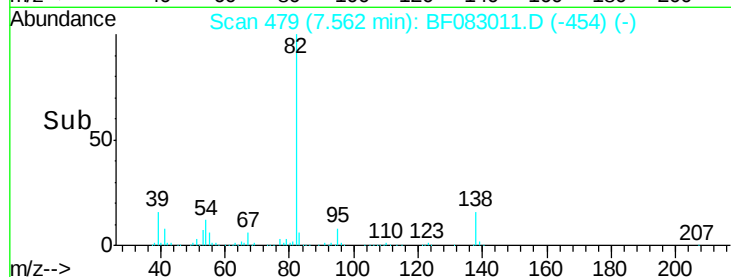
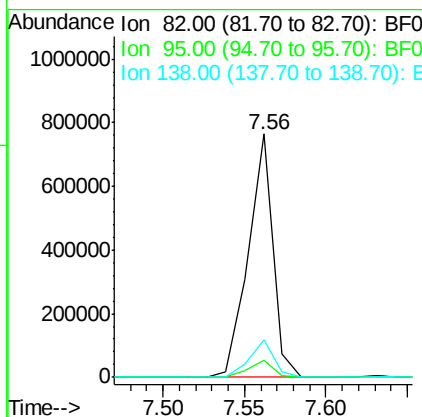
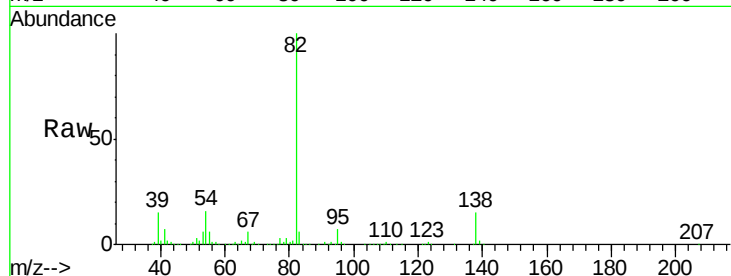
ClientSampleId :

PB86700BS

Tgt Ion:	82	Resp:	802138
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.6	9.8
138	15.2	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.41 ng

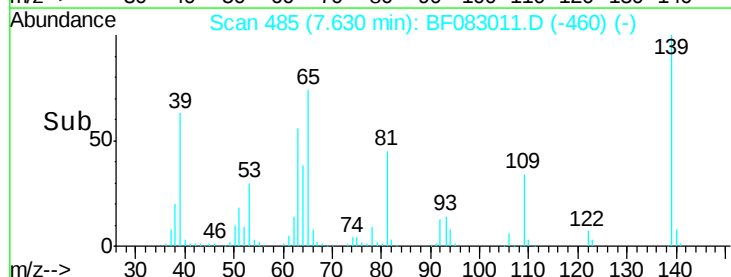
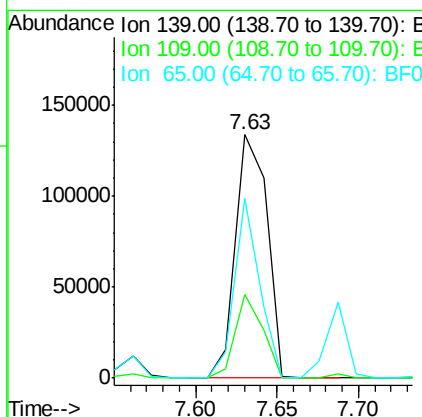
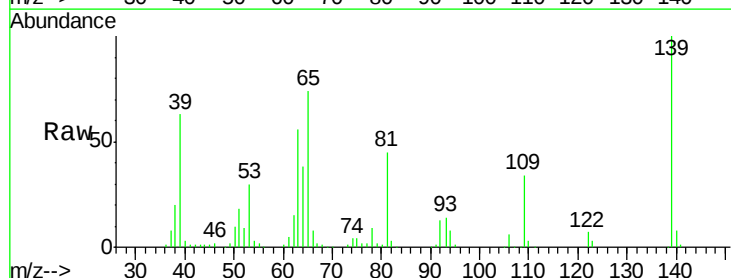
RT: 7.63 min Scan# 485

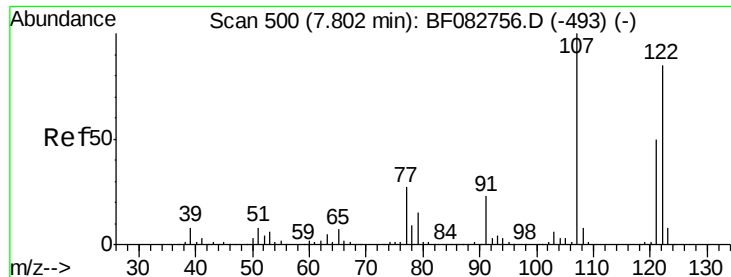
Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	139	Resp:	179148
Ion Ratio		Lower	Upper
139	100		
109	34.4	37.6	56.4#
65	73.8	70.6	105.8





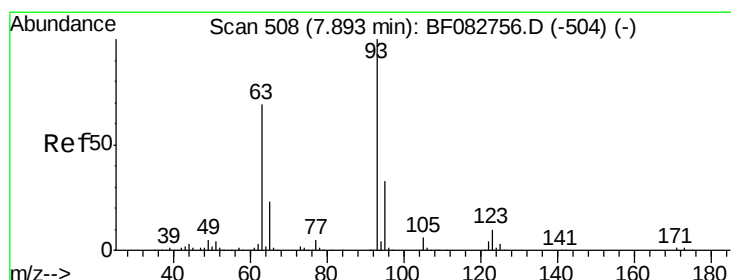
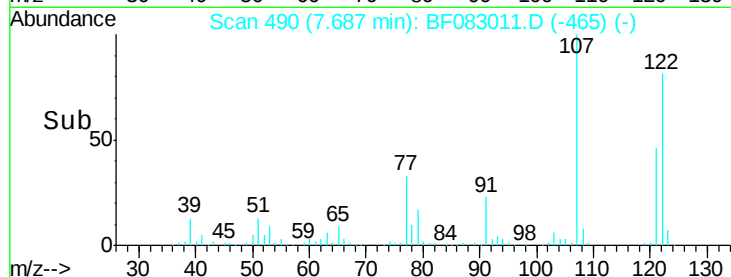
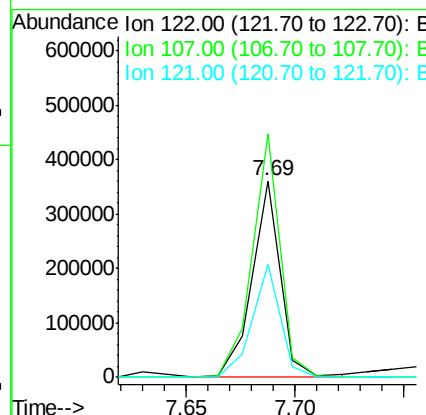
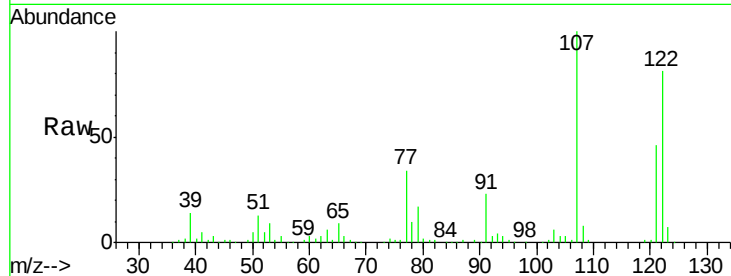
#27
 2,4-Dimethylphenol
 Concen: 31.06 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.7	106.0	159.0
121	57.2	46.7	70.1

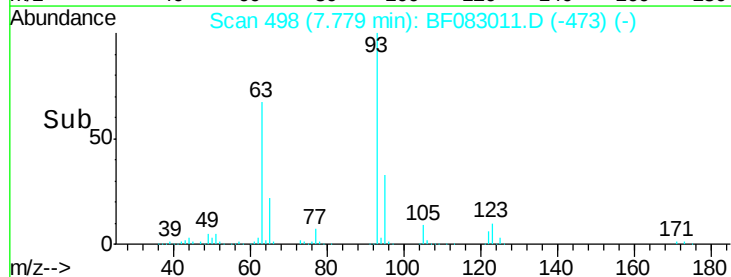
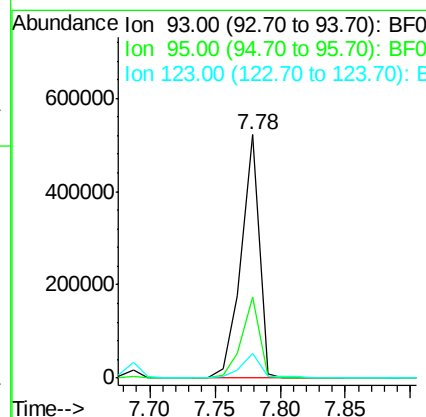
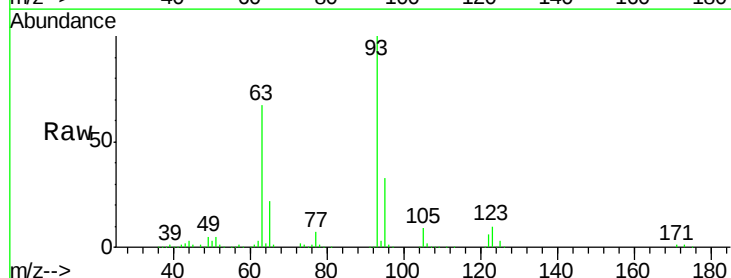
Manual Integrations
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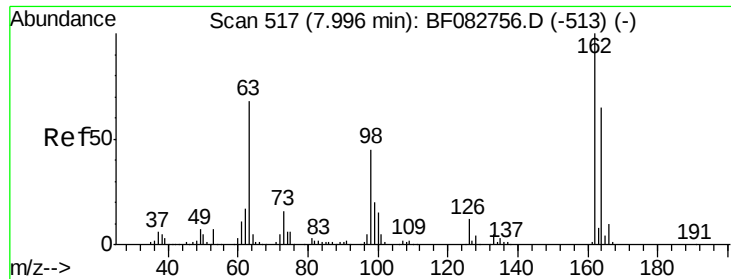
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.79 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	10.3	9.7	14.5





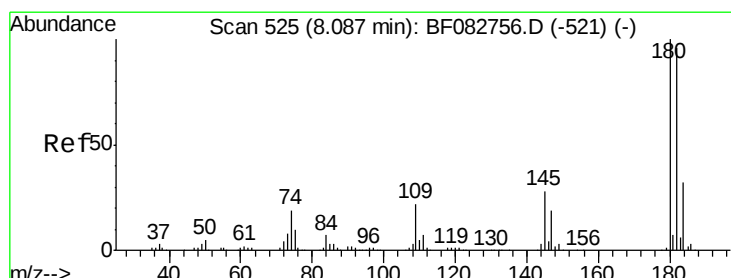
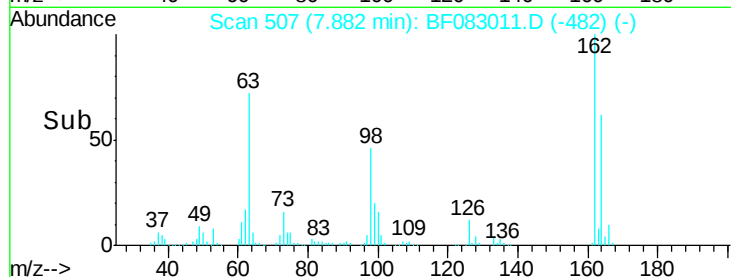
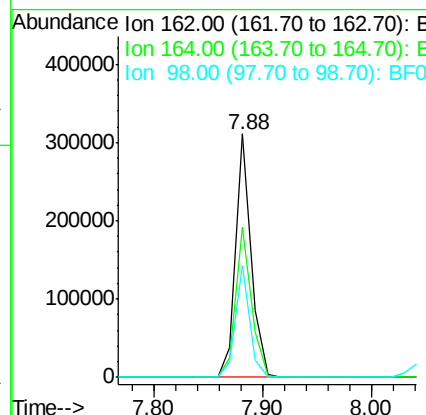
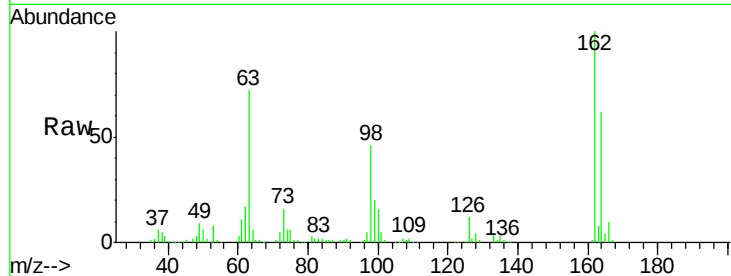
#29
2,4-Dichlorophenol
Concen: 31.68 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	303007		
164	61.9	46.8	86.8	
98	46.2	12.5	52.5	

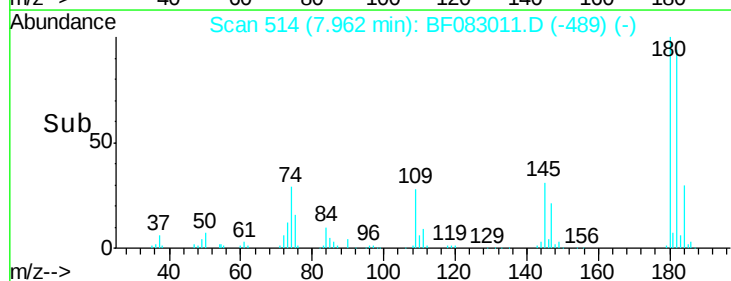
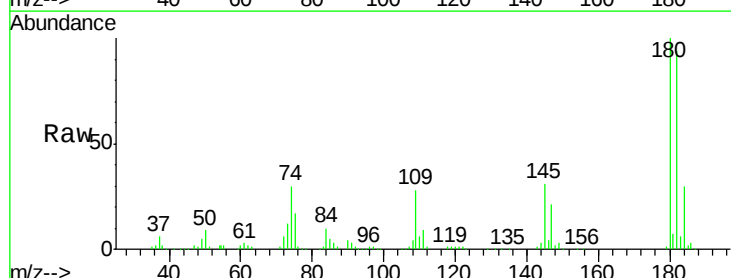
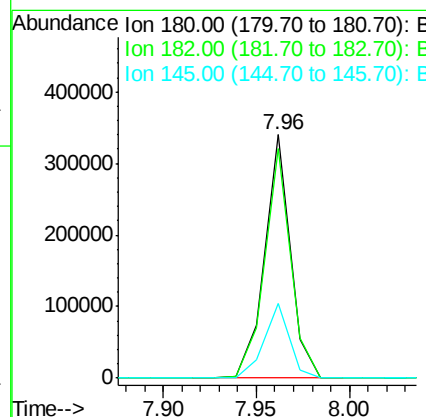
Manual Integrations
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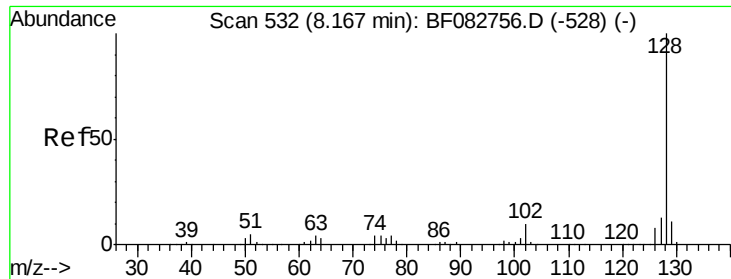
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#30
1,2,4-Trichlorobenzene
Concen: 30.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322653		
182	94.3	74.9	112.3	
145	30.9	27.8	41.8	





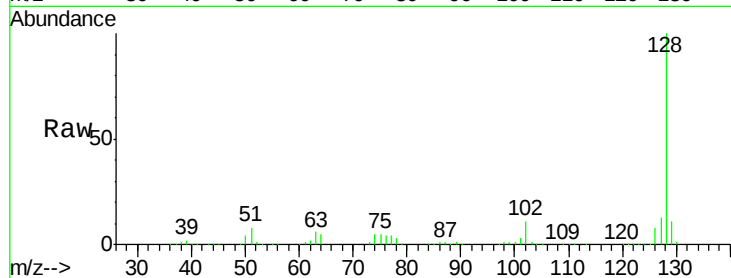
#31
Naphthalene
Concen: 31.94 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

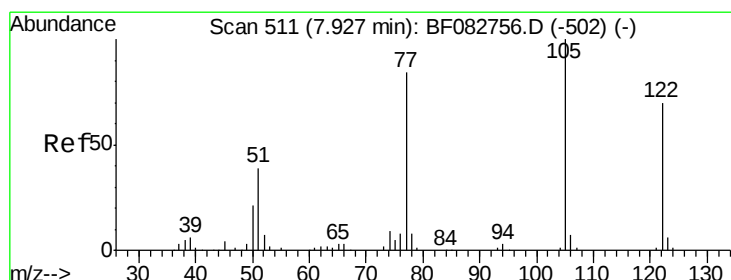
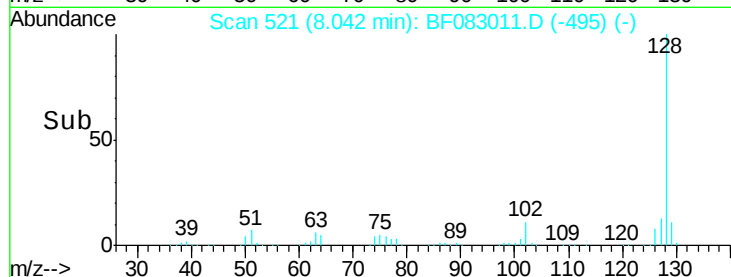
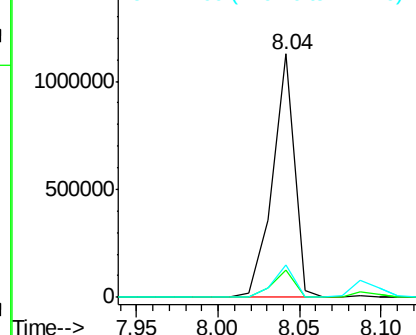
Tgt Ion:128 Resp: 1057928
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.3 11.4 17.0

Manual Integrations
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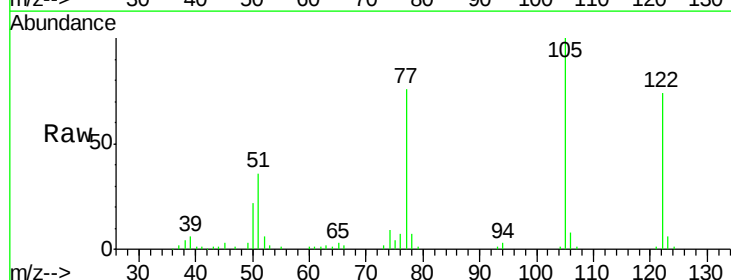


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

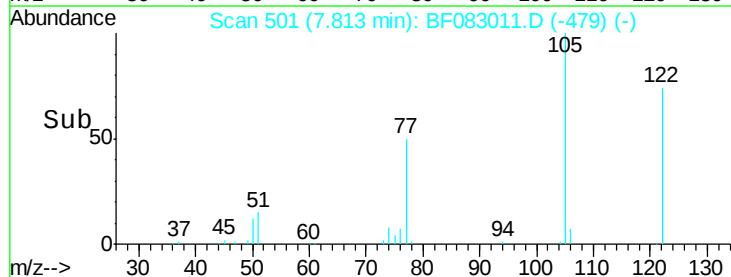
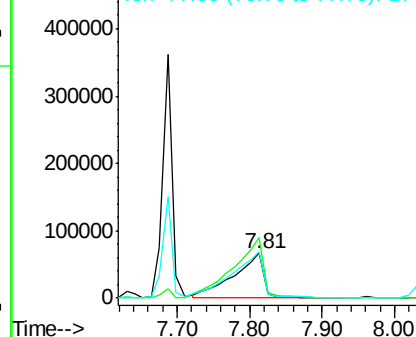


#32
Benzoic acid
Concen: 26.61 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:122 Resp: 192824
Ion Ratio Lower Upper
122 100
105 135.9 122.6 162.6
77 103.8 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





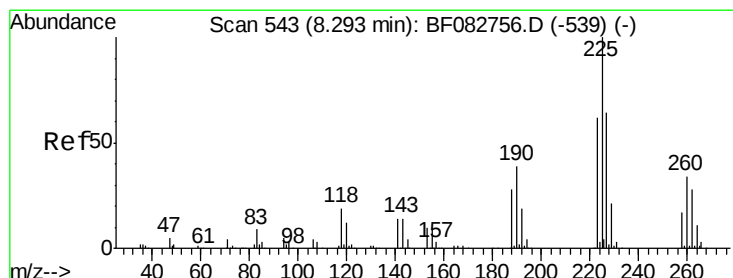
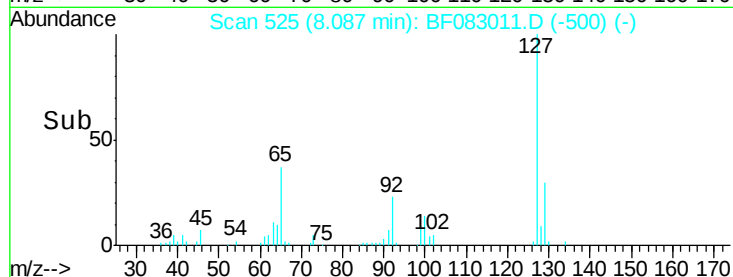
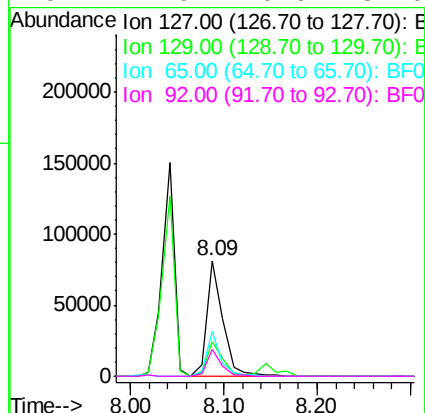
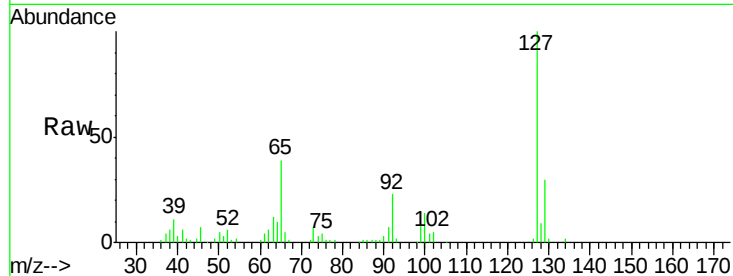
#33
4-Chloroaniline
Concen: 6.90 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	98562		
129	29.9	26.3	39.5	
65	39.4	37.8	56.8	
92	22.9	20.6	31.0	

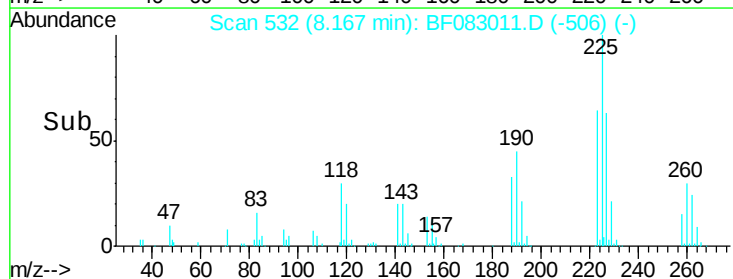
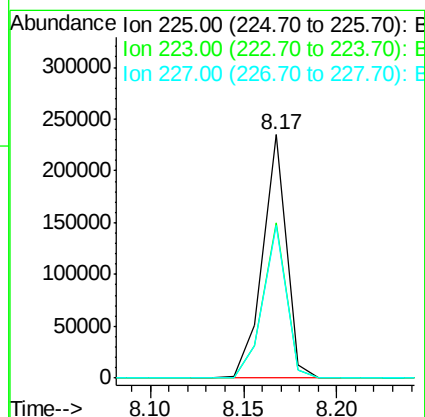
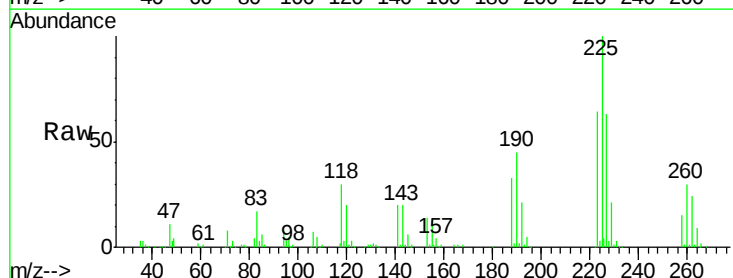
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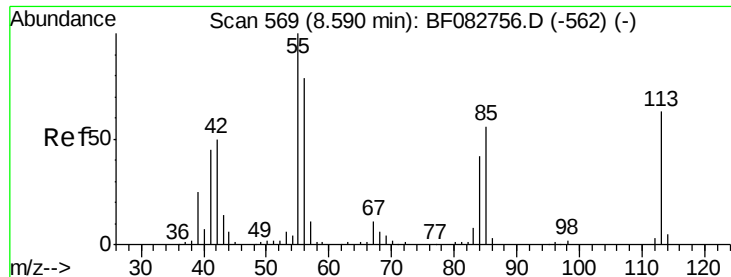
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#34
Hexachlorobutadiene
Concen: 30.55 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205675		
223	63.5	50.5	75.7	
227	62.9	50.2	75.2	





#35

Caprolactam

Concen: 33.76 ng m

RT: 8.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

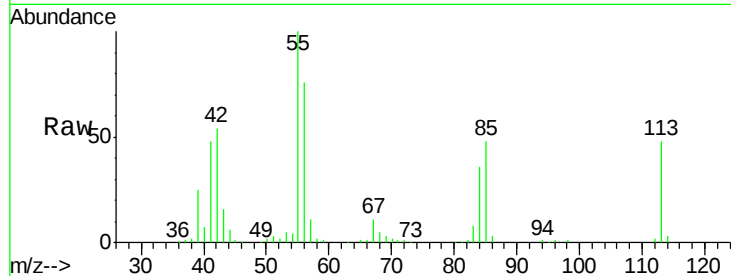
ClientSampleId :

PB86700BS

Tgt Ion:	113	Resp:	101801
Ion Ratio	Lower	Upper	
113	100		
55	209.0	195.5	235.5
56	158.2	153.5	193.5

Manual Integrations
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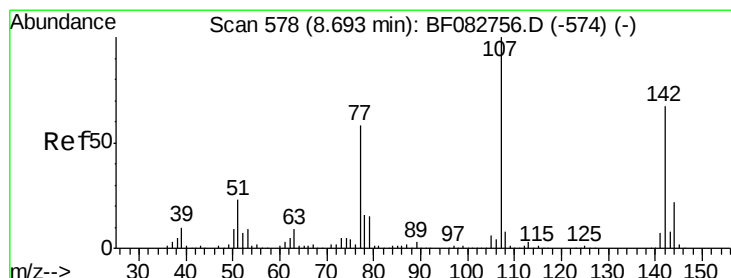
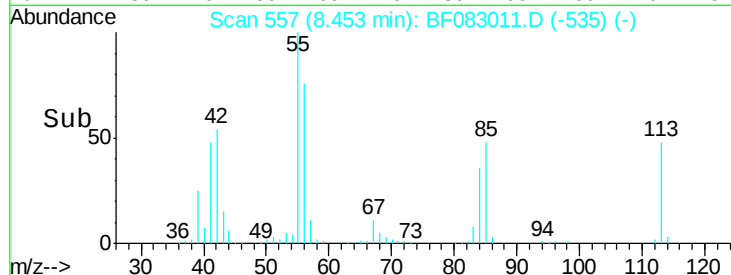
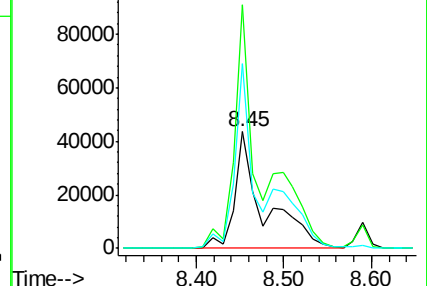
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 30.90 ng

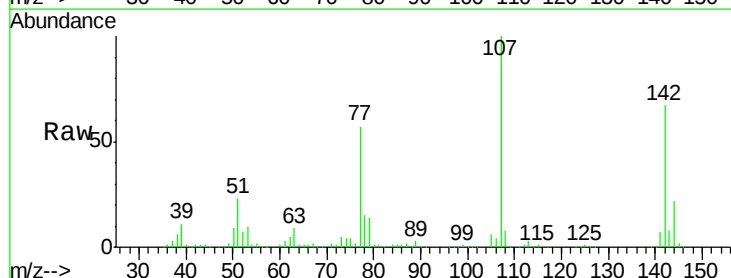
RT: 8.59 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

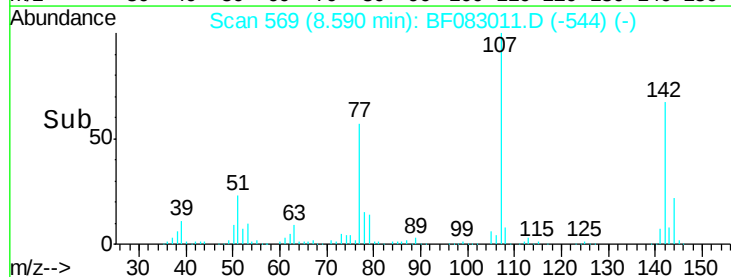
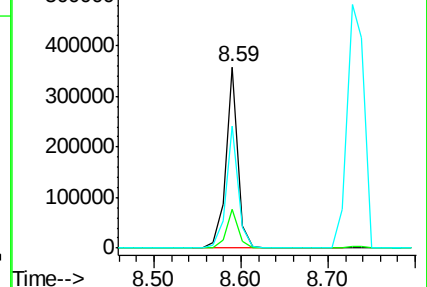
Tgt Ion:	107	Resp:	347635
Ion Ratio	Lower	Upper	
107	100		
144	21.5	15.4	23.0
142	67.2	47.8	71.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

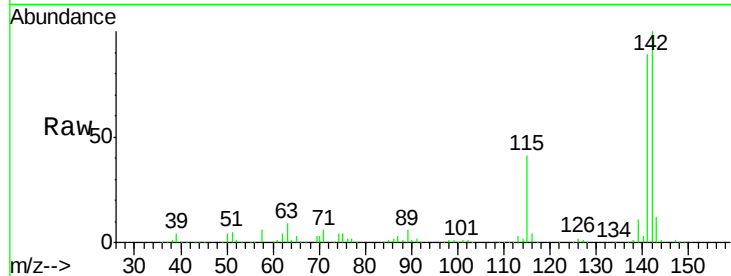
Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 31.22 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

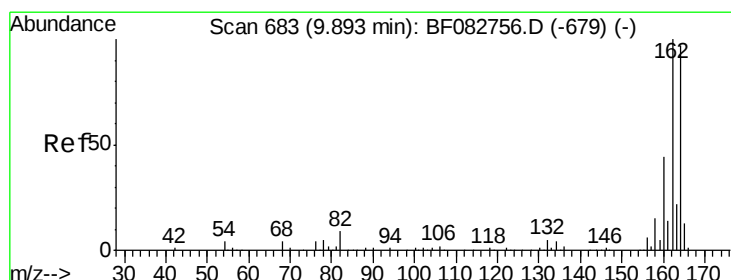
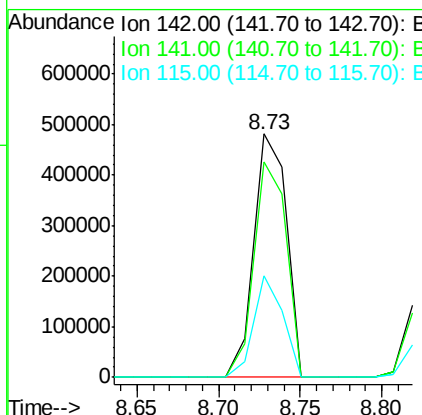
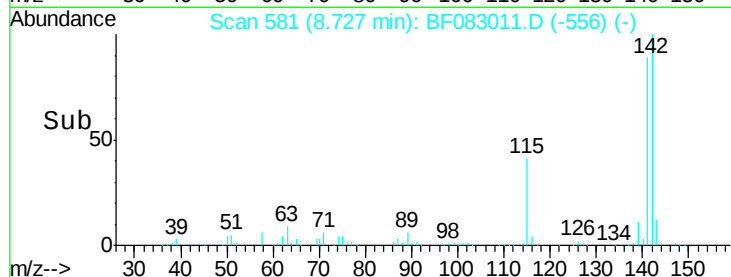
Instrument :
BNA_F
ClientSampleId :
PB86700BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	41.5	38.1	57.1

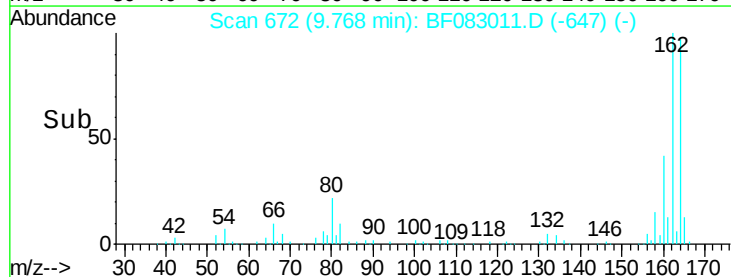
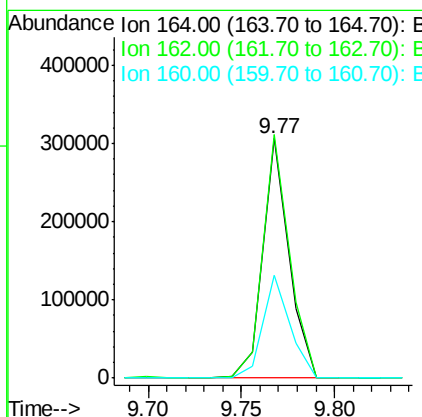
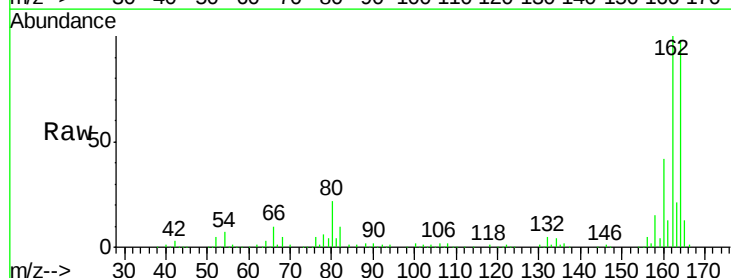
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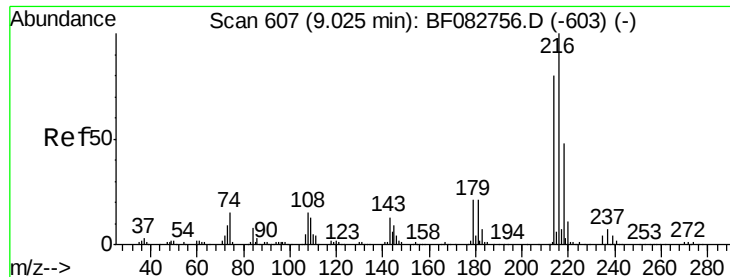
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.9	127.3
160	42.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.69 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083011.D

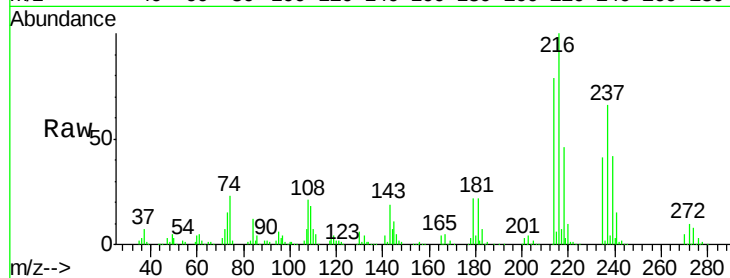
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS



Tgt Ion: 216 Resp: 306807

Ion Ratio Lower Upper

216 100

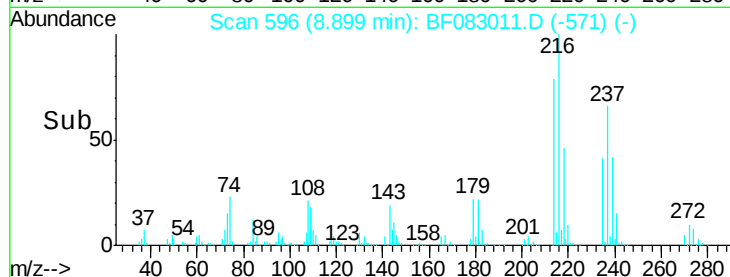
214 78.6 62.2 93.2

179 21.5 18.1 27.1

108 22.6 16.6 25.0

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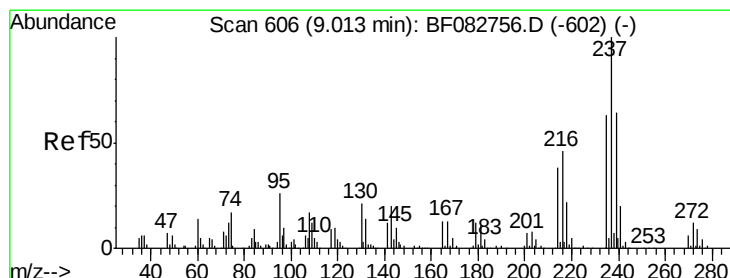
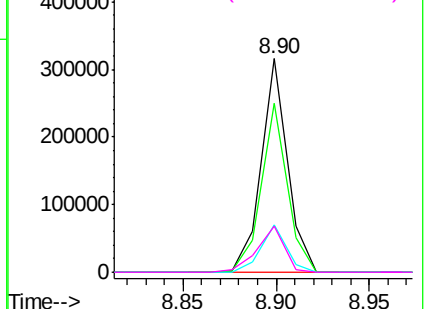


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.49 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

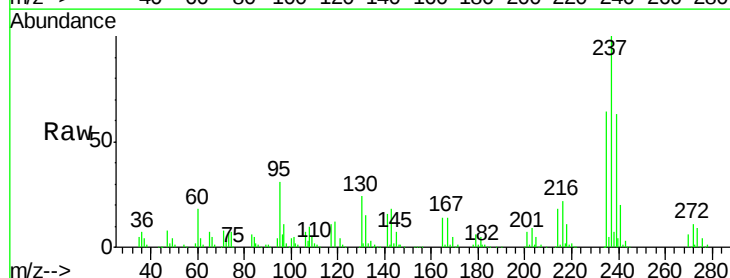
Tgt Ion: 237 Resp: 351029

Ion Ratio Lower Upper

237 100

235 63.6 44.3 84.3

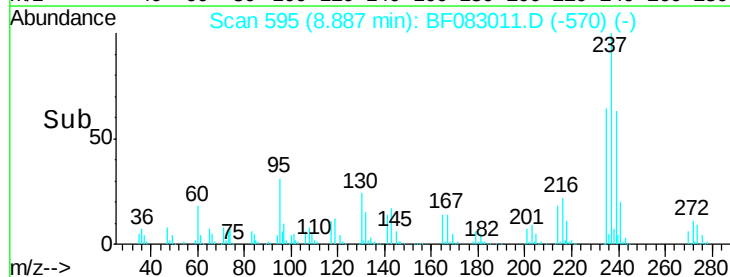
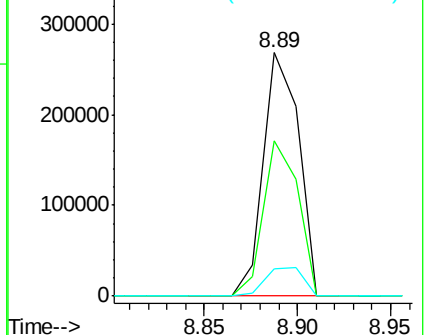
272 11.3 0.0 31.9

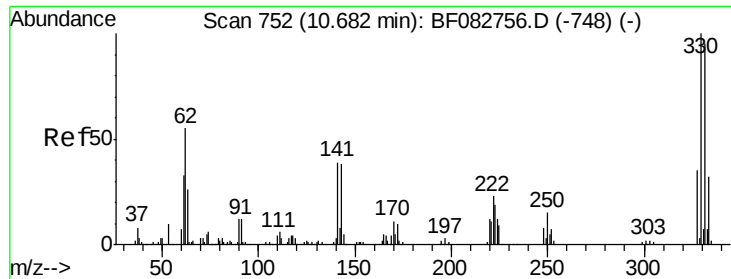


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





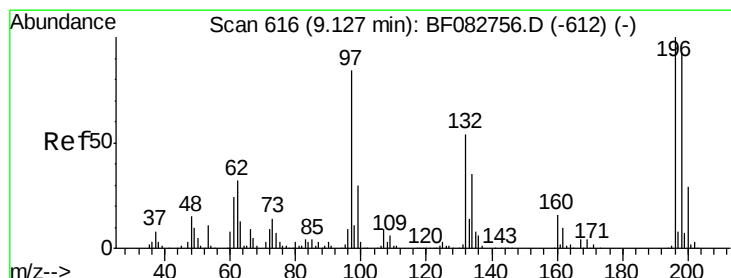
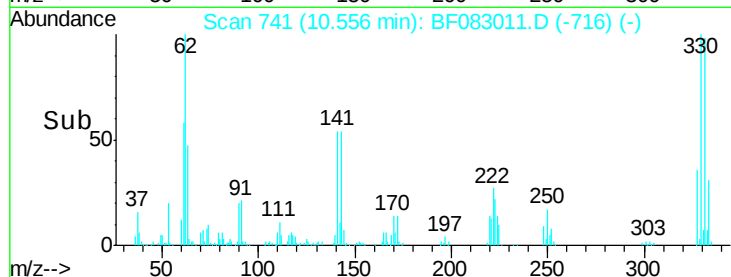
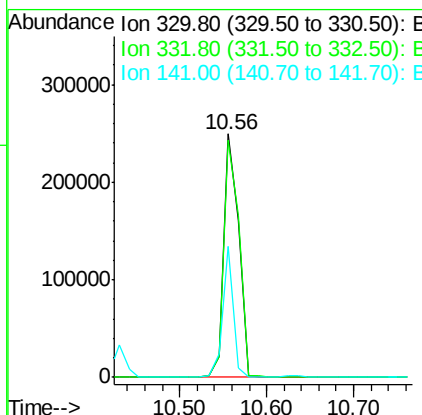
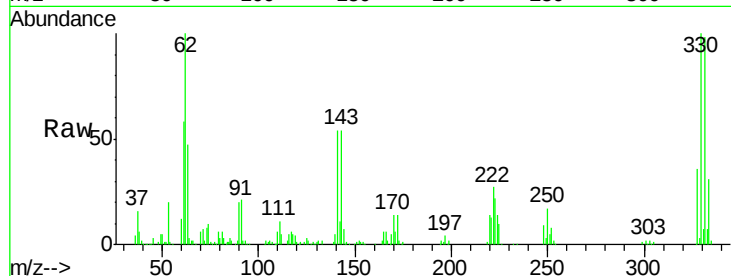
#41
 2,4,6-Tribromophenol
 Concen: 89.00 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	300618		
332	99.8	76.6	114.8	
141	39.0	41.2	61.8#	

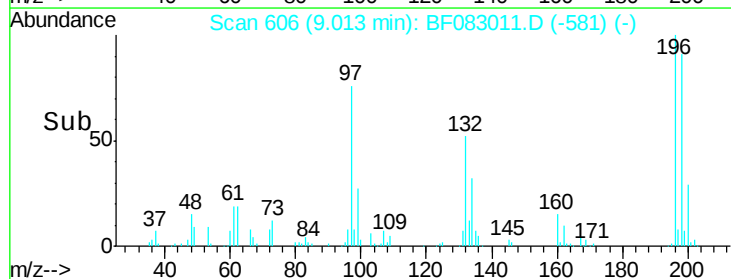
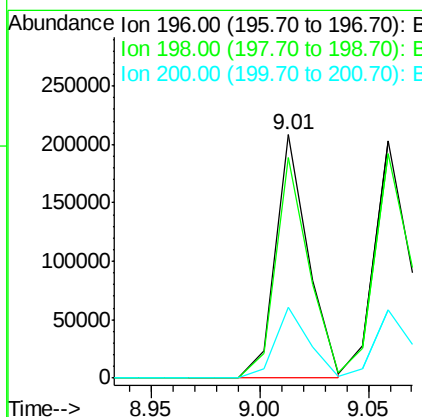
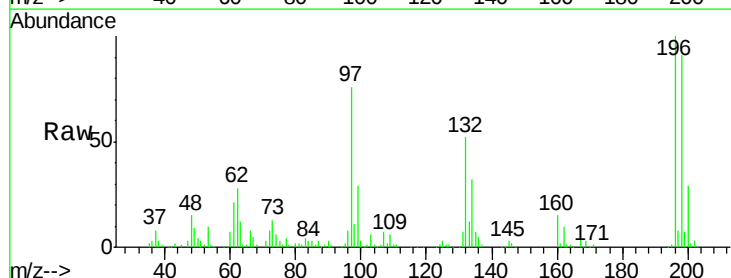
Manual Integrations
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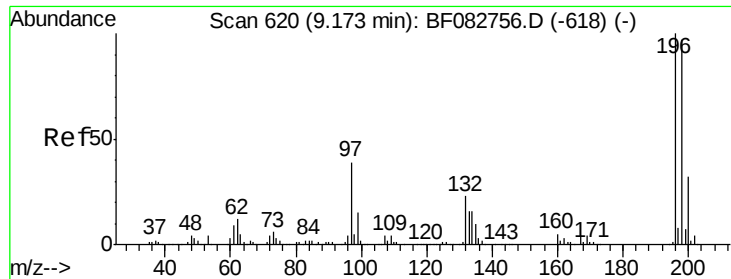
Mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 30.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

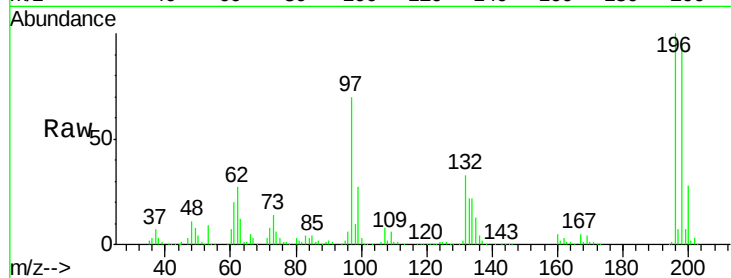
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220279		
198	90.6	76.3	114.5	
200	28.9	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 31.43 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

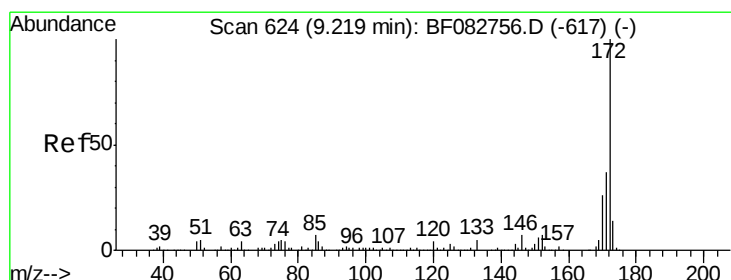
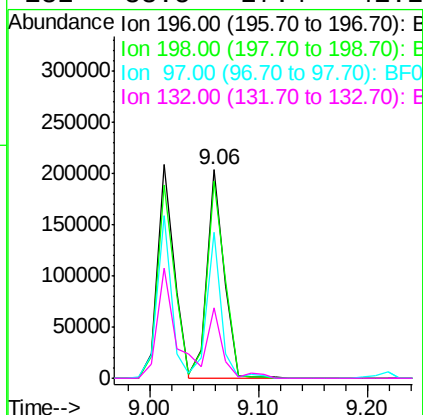
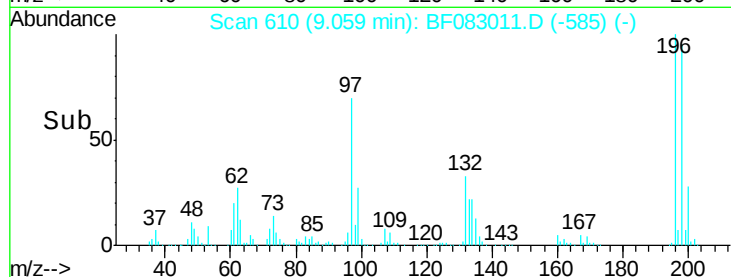
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224605		
198	94.6	75.8	113.8	
97	69.7	62.3	93.5	
132	33.5	27.4	41.2	

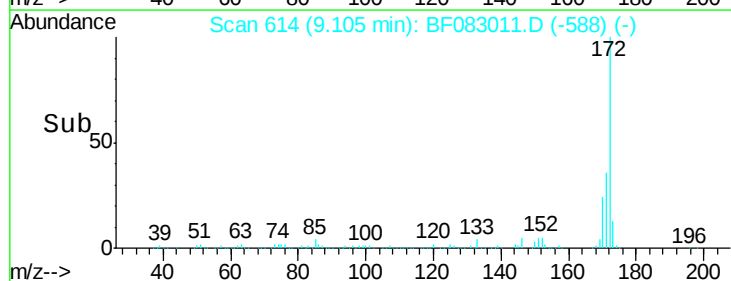
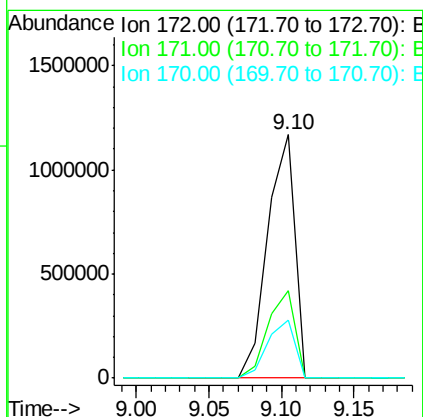
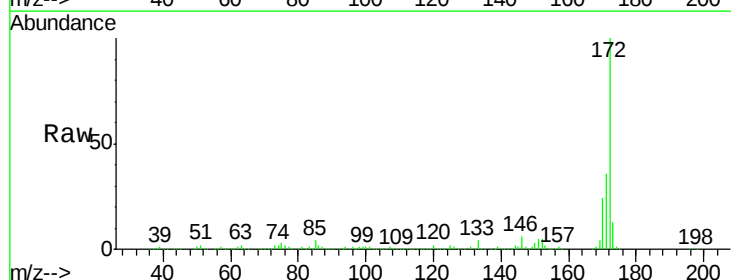
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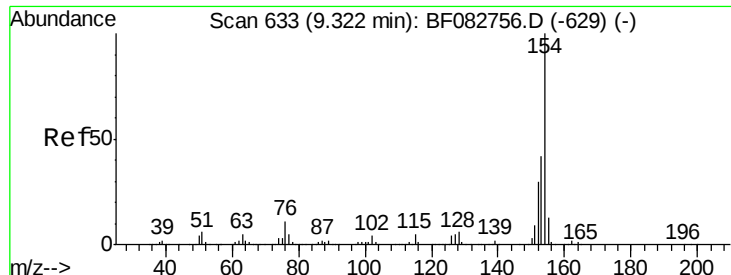
Mmdadoda
 11/19/2015 6:44:41 PM



#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1520667		
171	35.8	30.8	46.2	
170	24.0	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 31.97 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF083011.D

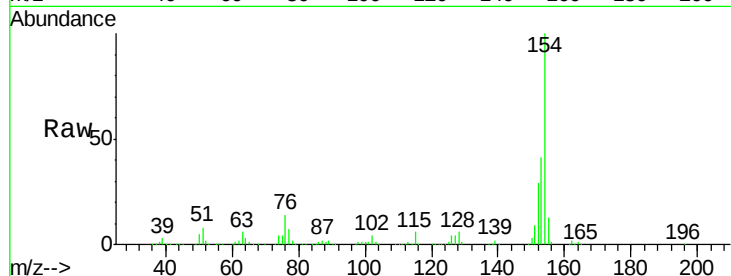
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS



Tgt Ion:154 Resp: 808208

Ion Ratio Lower Upper

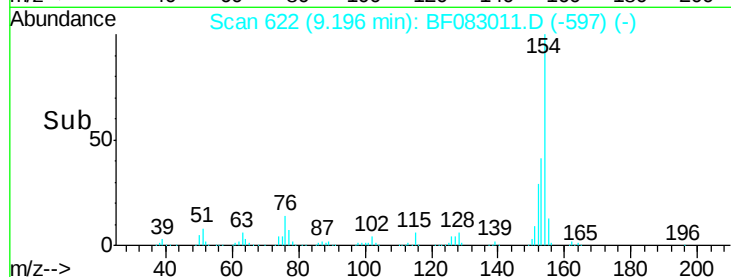
154 100

153 40.9 22.0 62.0

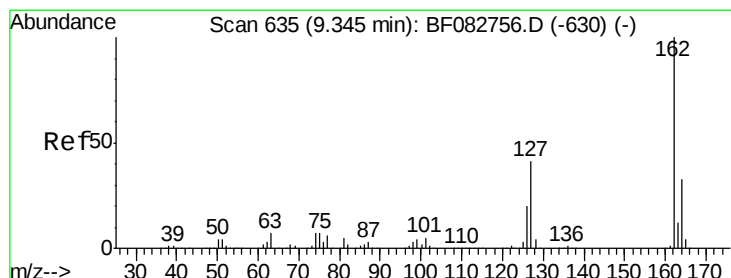
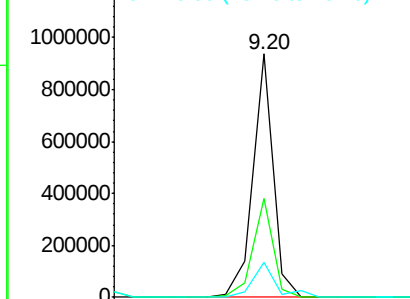
76 14.1 0.0 29.0

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



#46

2-Chloronaphthalene

Concen: 33.69 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

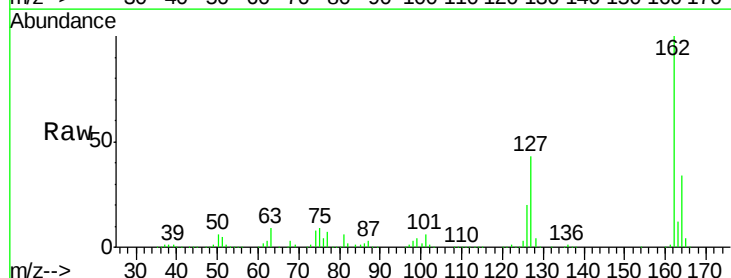
Tgt Ion:162 Resp: 664371

Ion Ratio Lower Upper

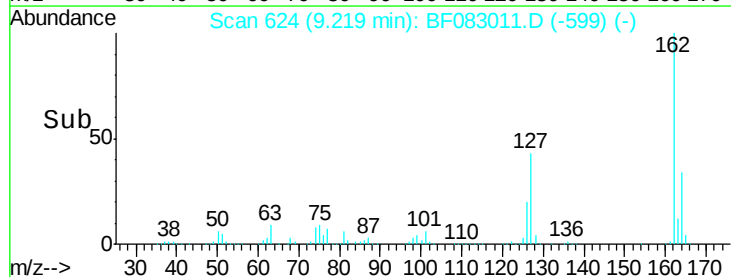
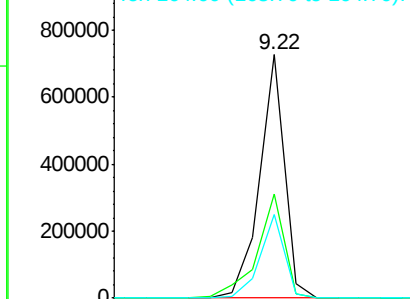
162 100

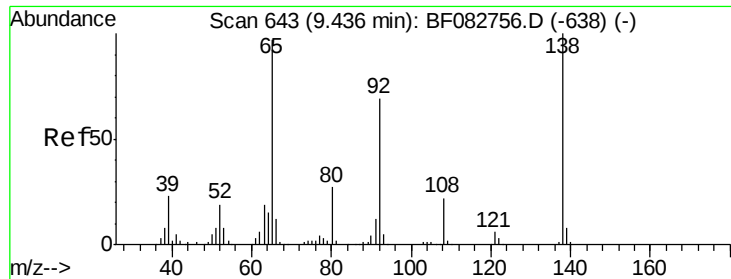
127 42.9 32.7 49.1

164 34.2 27.4 41.0



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





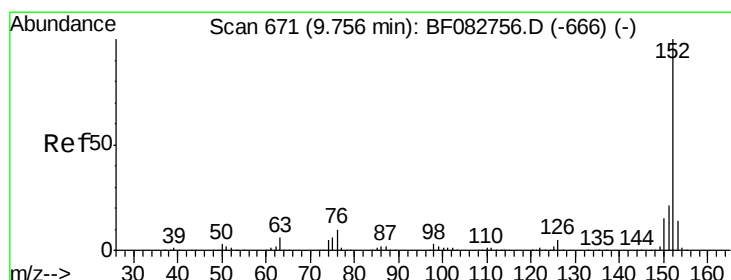
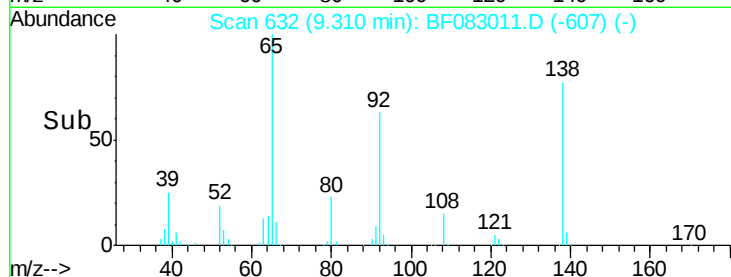
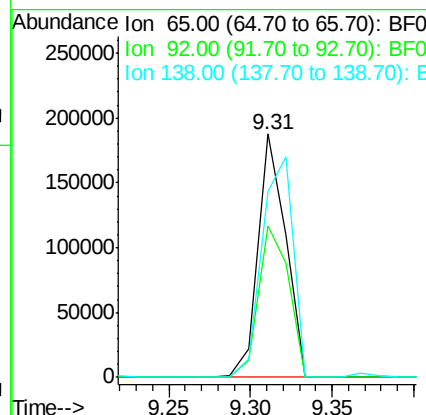
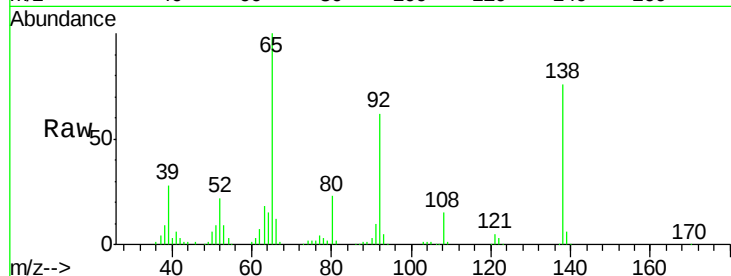
#47
2-Nitroaniline
Concen: 30.19 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	220794		
92	62.0	46.6	70.0	
138	76.3	54.6	81.8	

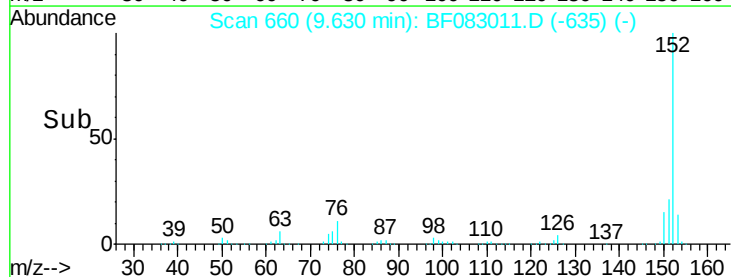
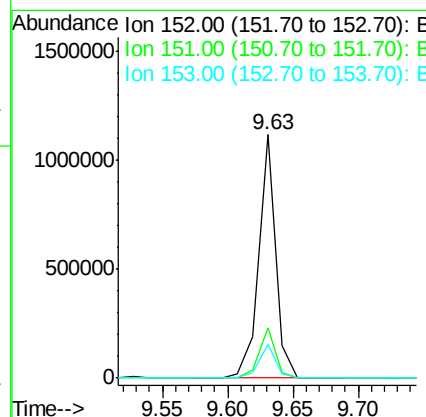
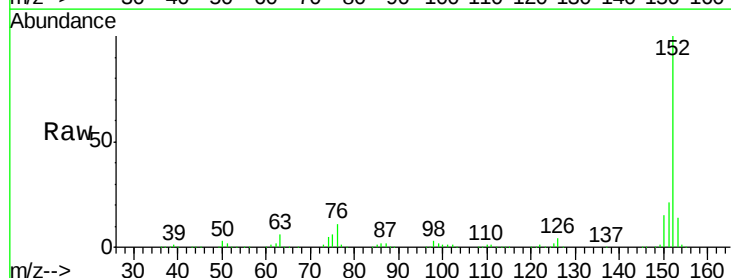
Manual Integrations
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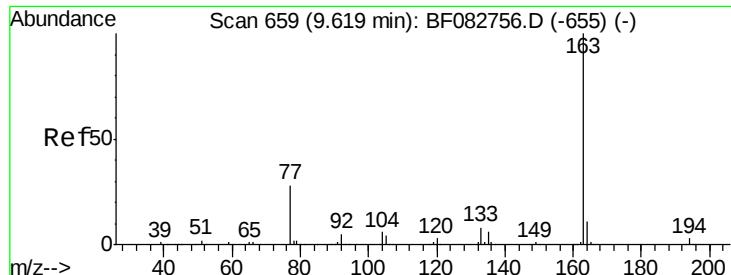
Mmdadoda
11/19/2015 6:44:41 PM



#48
Acenaphthylene
Concen: 32.75 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1012014		
151	20.7	17.3	25.9	
153	14.0	11.3	16.9	





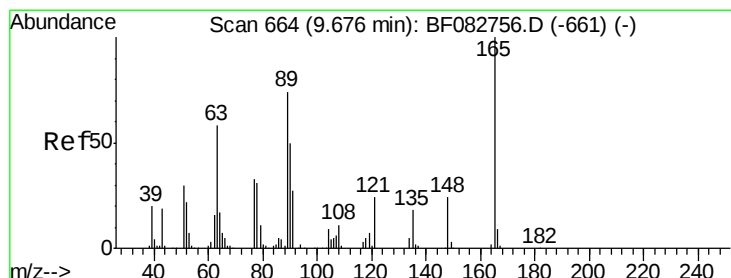
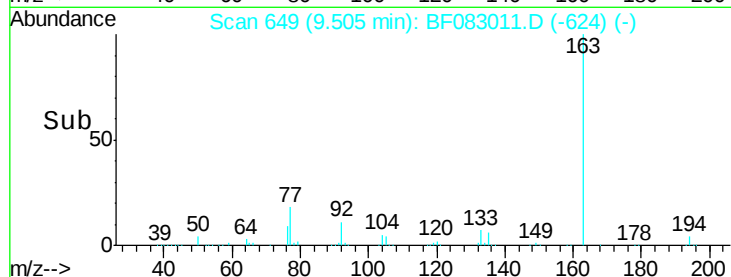
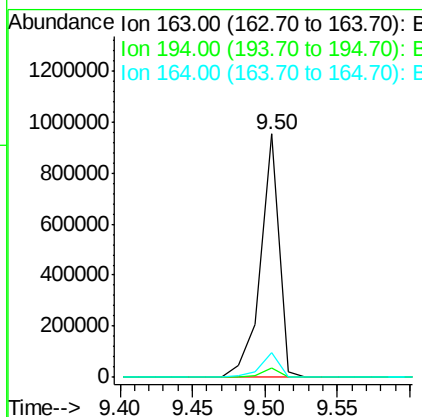
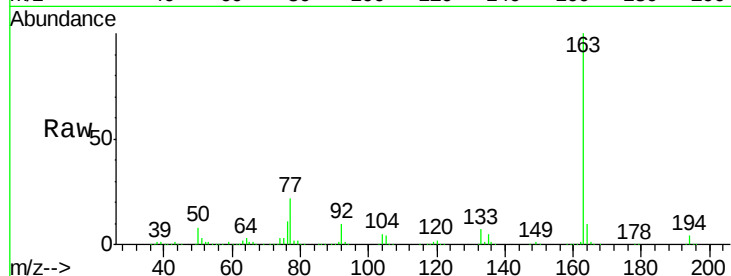
#49
Dimethylphthalate
Concen: 35.03 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	845495		
194	3.6	2.6	4.0	
164	10.1	8.7	13.1	

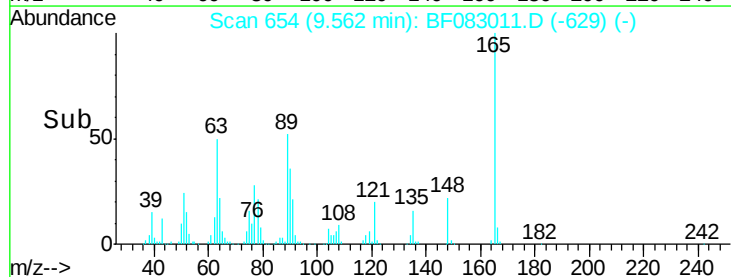
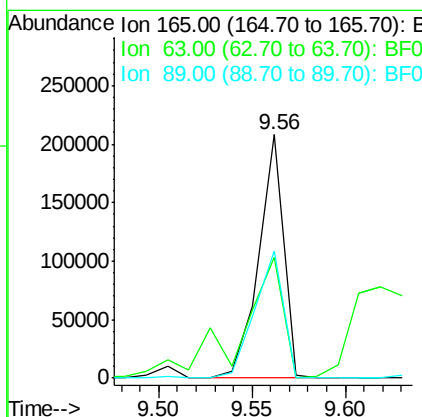
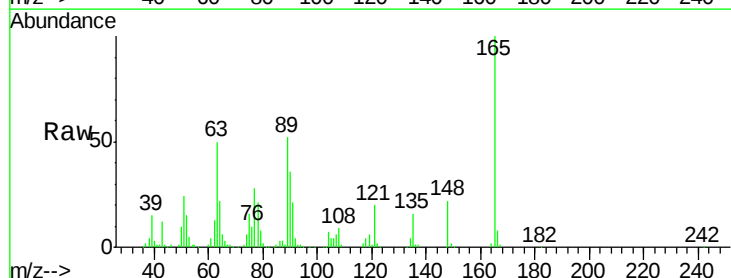
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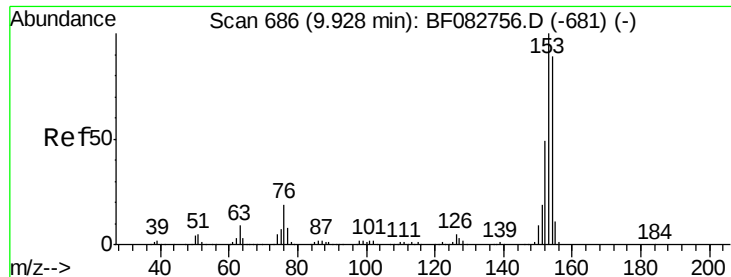
Mmdadoda
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#50
2,6-Dinitrotoluene
Concen: 36.98 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190456		
63	49.6	55.5	83.3#	
89	52.0	55.0	82.6#	





#51

Acenaphthene

Concen: 36.57 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

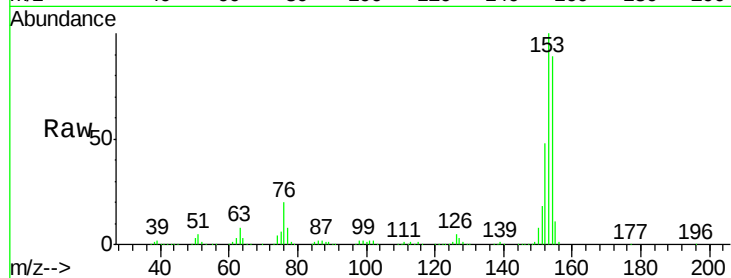
ClientSampleId :

PB86700BS

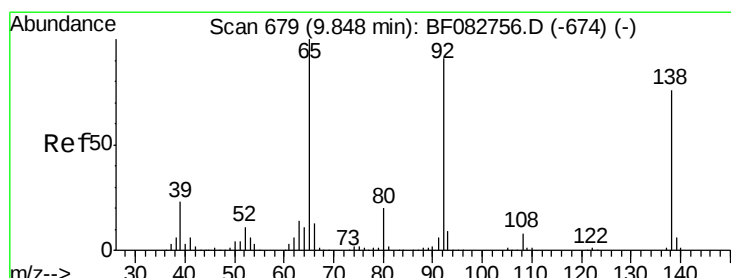
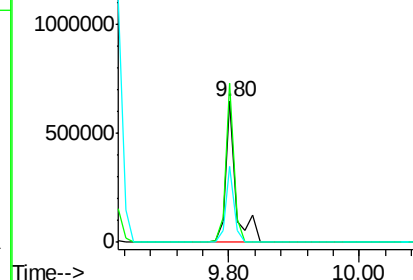
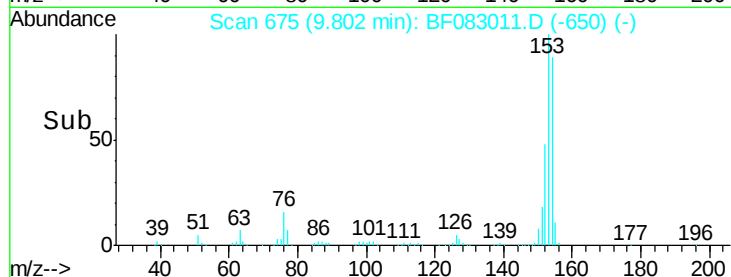
Tgt Ion:	154	Resp:	716300
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.1	135.1
152	54.1	44.3	66.5

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



#52

3-Nitroaniline

Concen: 13.91 ng

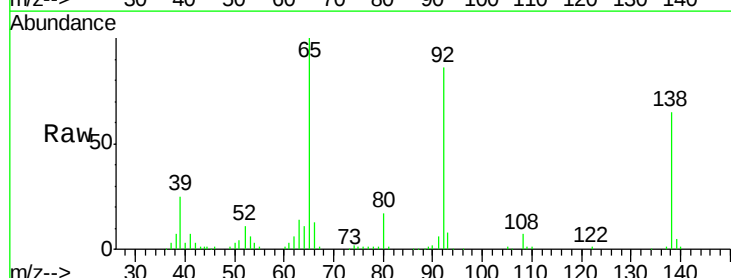
RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

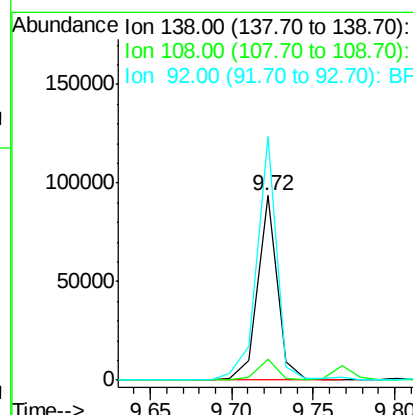
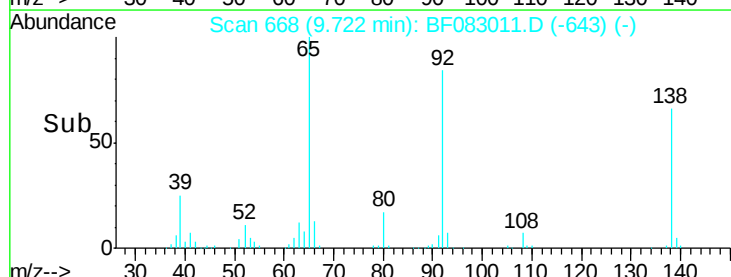
Lab File: BF083011.D

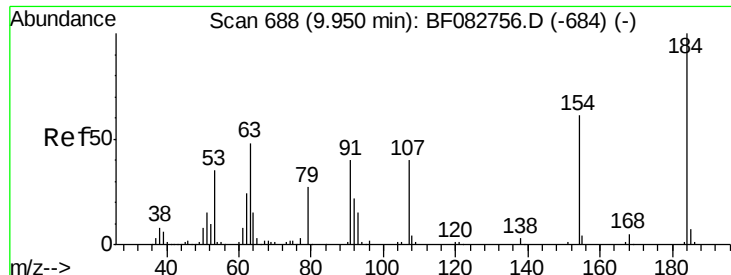
Acq: 18 Nov 2015 15:36

Tgt Ion:	138	Resp:	78762
Ion Ratio	Lower	Upper	
138	100		
108	11.3	11.3	16.9#
92	132.1	122.4	183.6



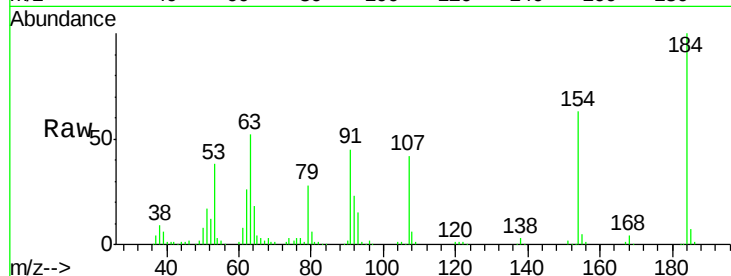
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 71.01 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

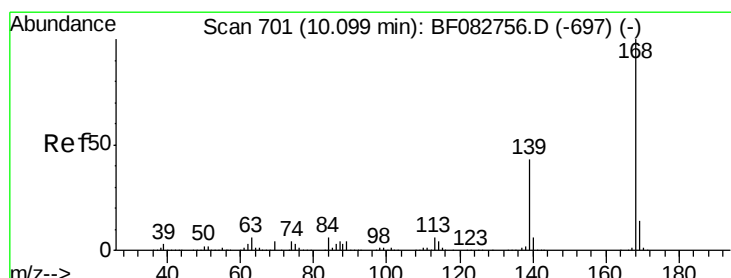
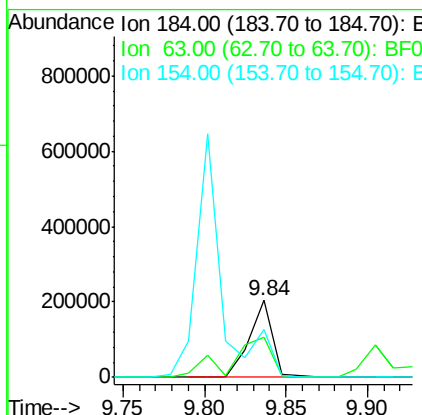
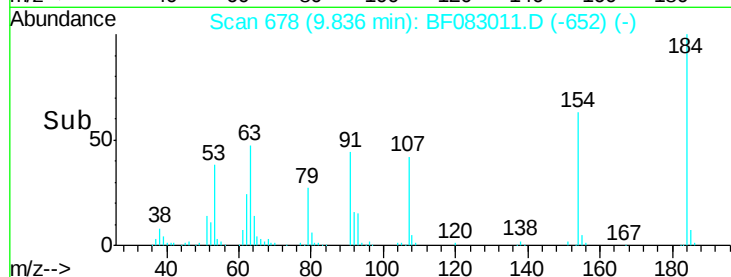
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	200795		
63	52.0	98.6	148.0#	
154	62.7	183.9	275.9#	

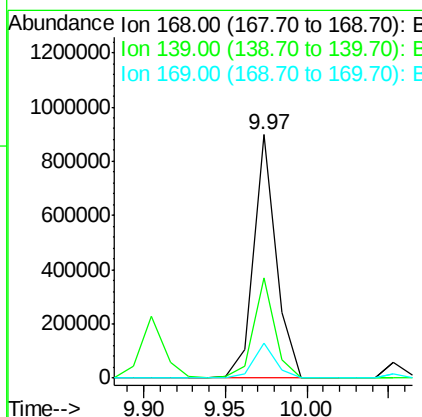
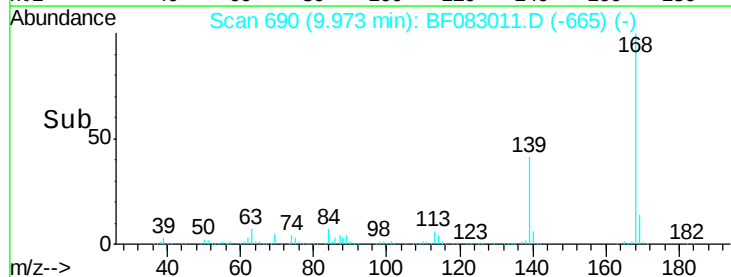
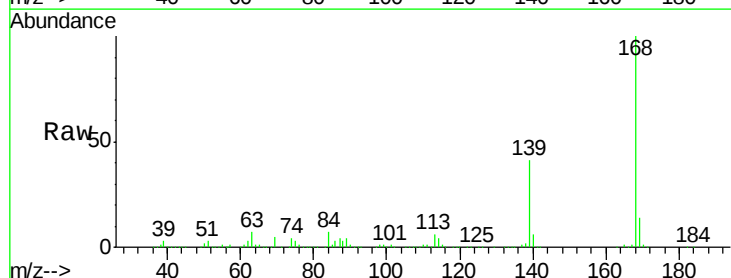
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#54
 Dibenzofuran
 Concen: 32.60 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	860861		
139	41.3	37.8	56.6	
169	14.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 53.76 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083011.D

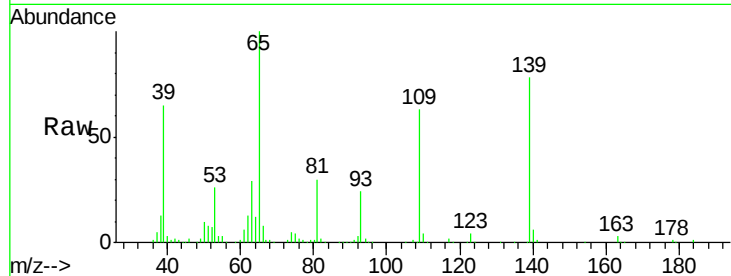
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS



Tgt Ion:139 Resp: 233602

Ion Ratio Lower Upper

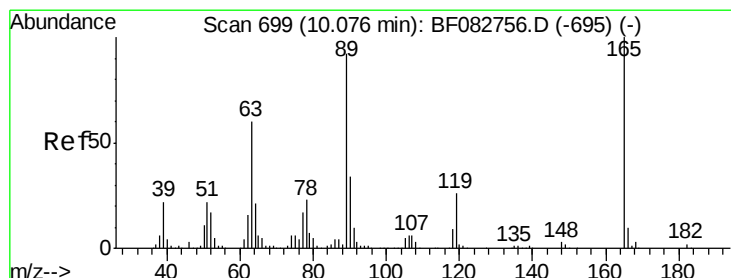
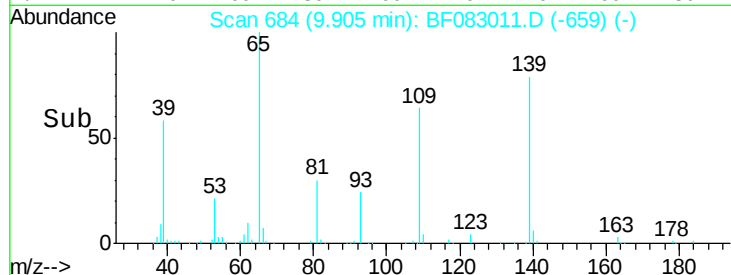
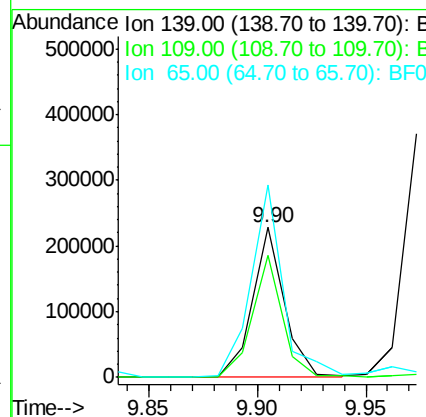
139 100

109 81.4 73.7 113.7

65 128.6 82.9 122.9#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 33.83 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:165 Resp: 236392

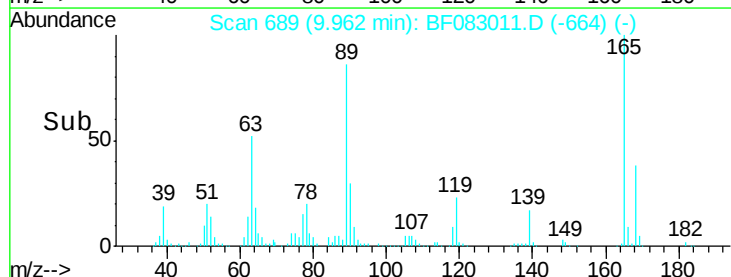
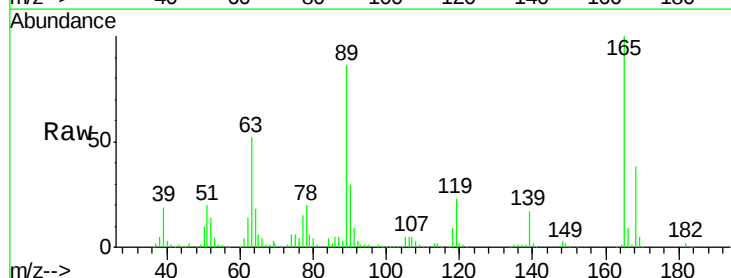
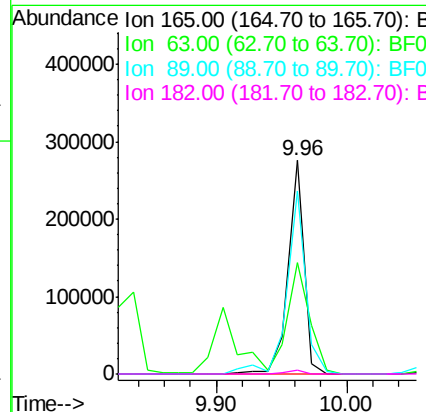
Ion Ratio Lower Upper

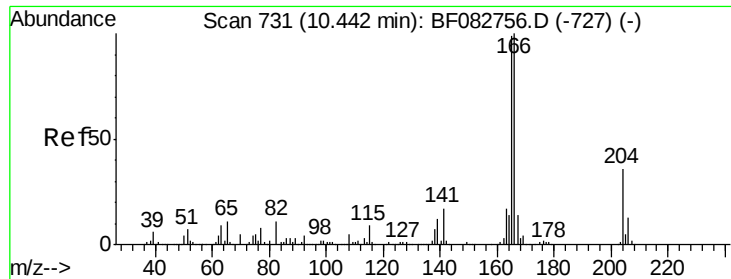
165 100

63 51.9 43.4 65.0

89 85.5 70.6 106.0

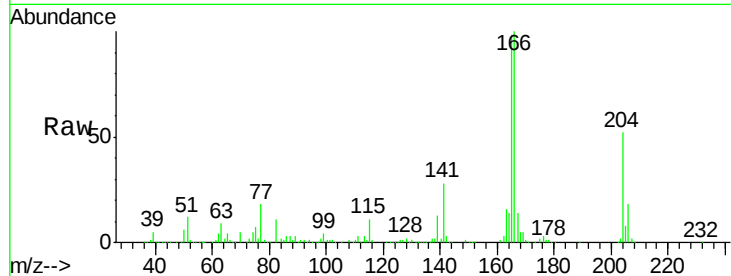
182 1.9 1.5 2.3





#57
Fluorene
 Concen: 33.01 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

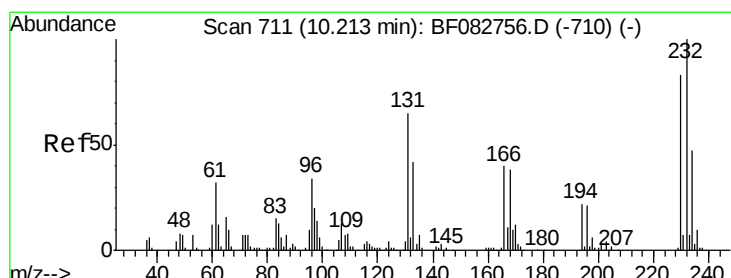
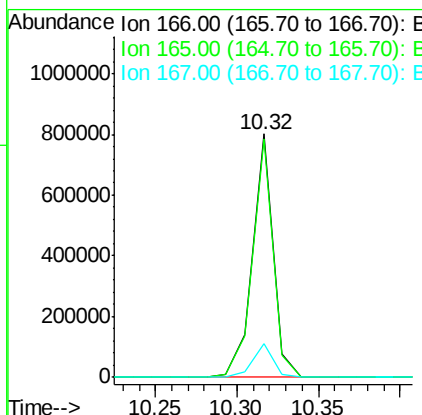
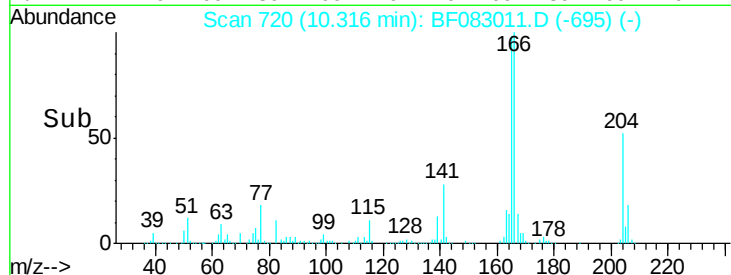
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS



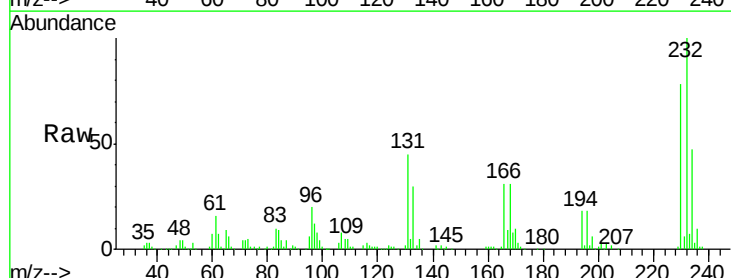
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	706018		
165	98.1	80.2	120.4	
167	13.8	11.2	16.8	

Manual Integrations
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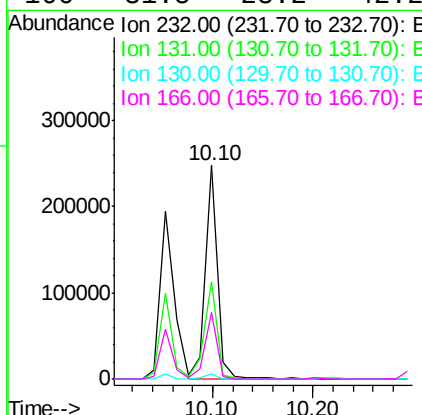
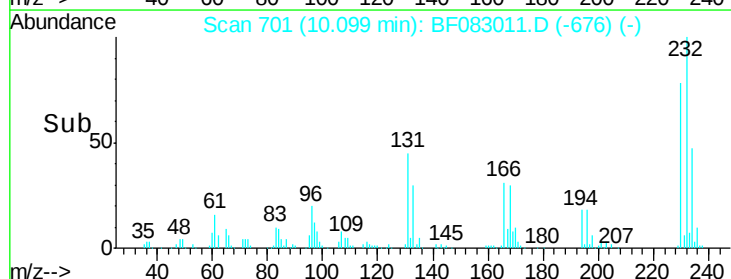
Mmdadoda
 11/19/2015 6:44:41 PM

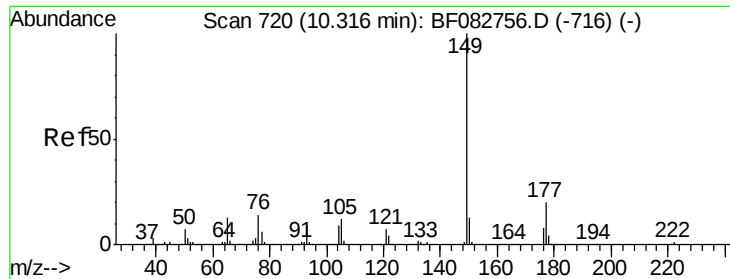


#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.19 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205235		
131	47.1	46.2	69.2	
130	2.3	2.4	3.6	
166	31.5	28.2	42.2	





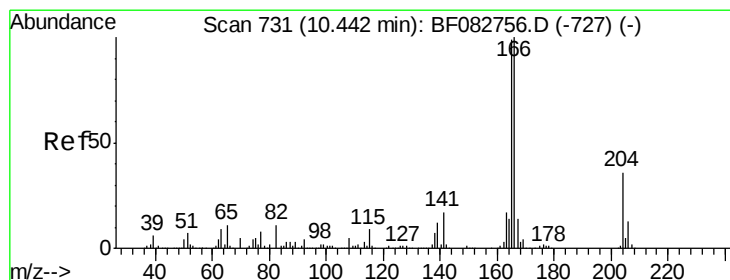
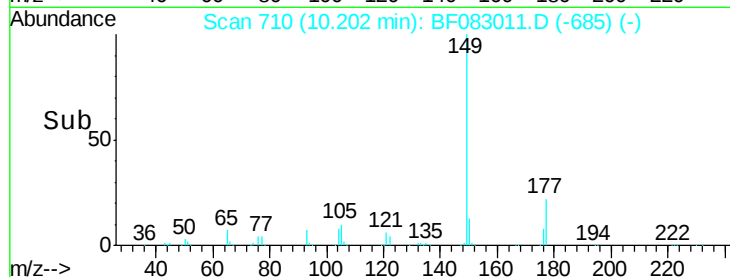
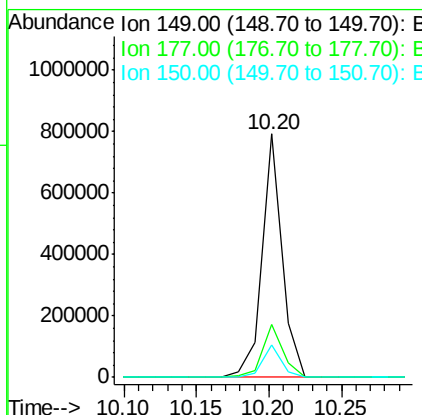
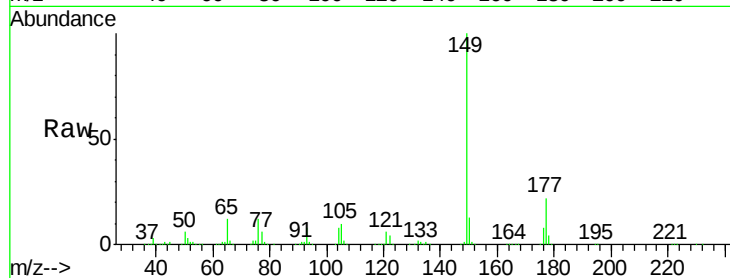
#59
Diethylphthalate
Concen: 31.97 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753400		
177	21.8	17.9	26.9	
150	13.2	10.1	15.1	

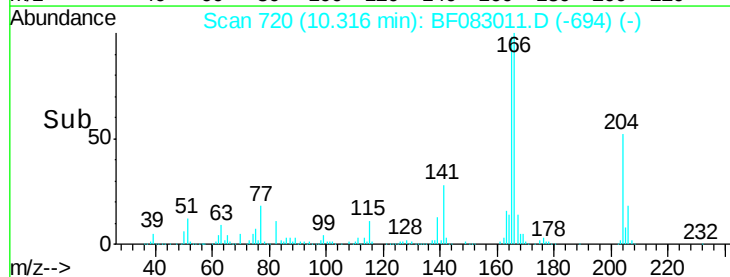
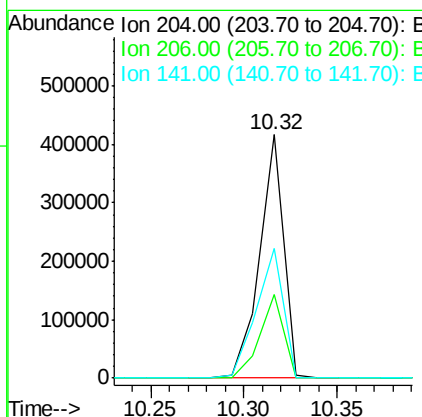
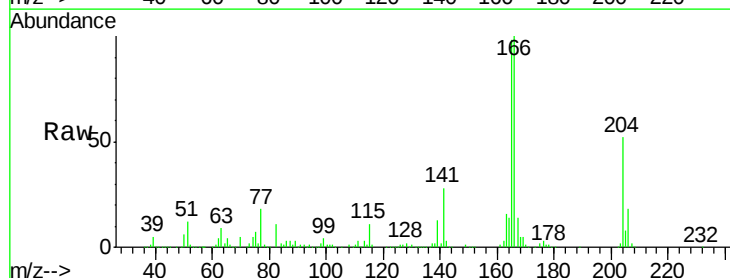
Manual Integrations
APPROVED

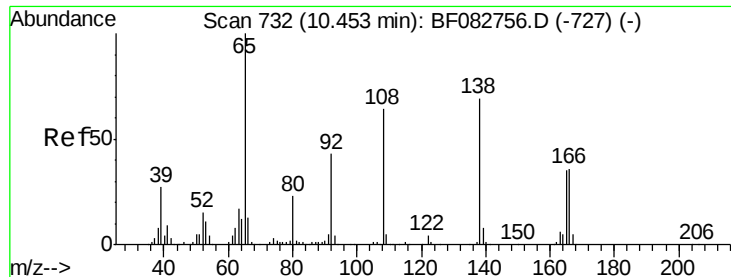
Mmdadoda
11/19/2015 6:44:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.38 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

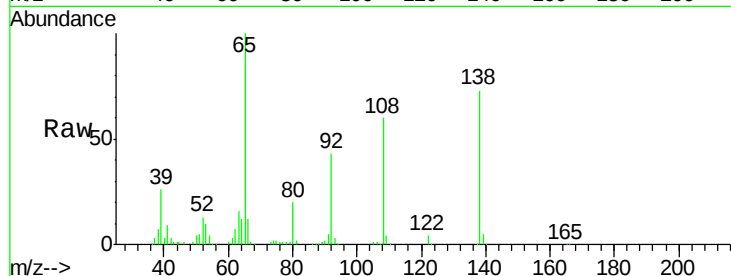
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	367823		
206	34.4	28.5	42.7	
141	53.5	44.6	66.8	





#61
4-Nitroaniline
Concen: 29.61 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

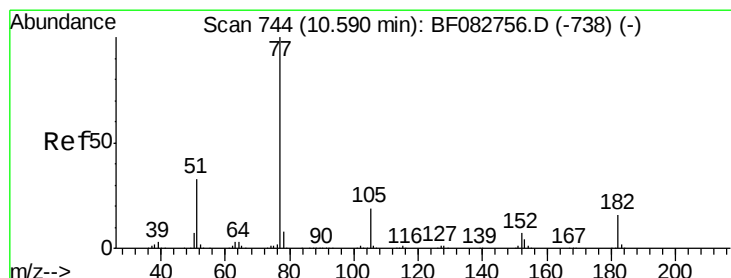
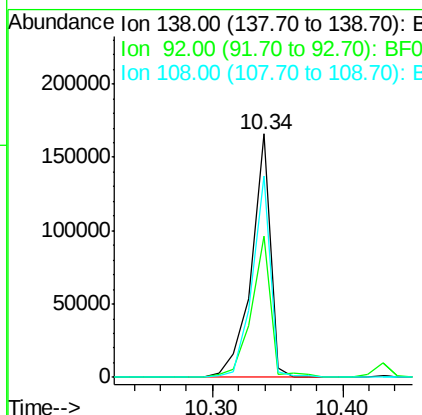
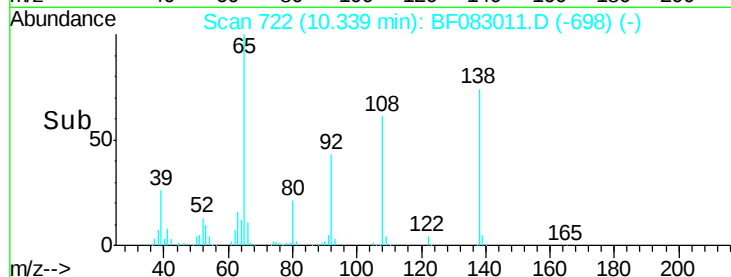
Instrument :
BNA_F
ClientSampleId :
PB86700BS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	168666		
92	58.3	45.8	85.8	
108	82.6	89.4	129.4	

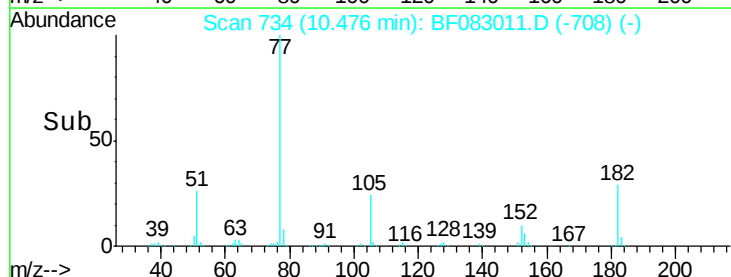
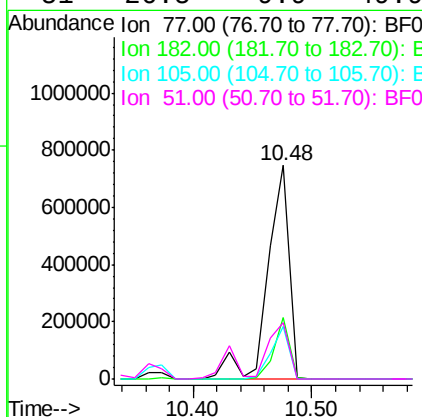
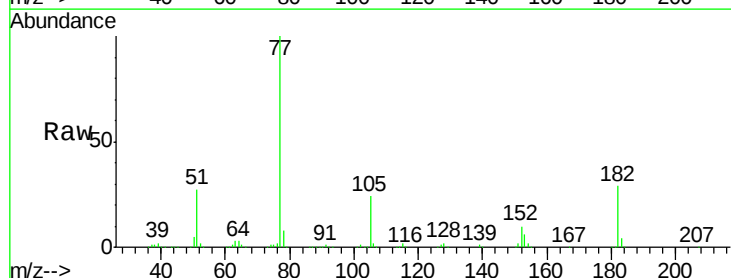
Manual Integrations
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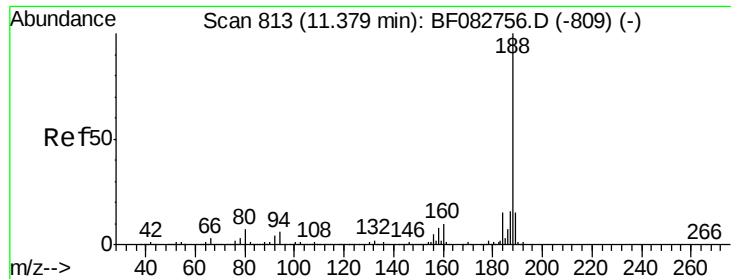
Mmdadoda
11/19/2015 6:44:41 PM



#62
Azobenzene
Concen: 37.15 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	940530		
182	28.7	9.3	49.3	
105	24.3	2.6	42.6	
51	26.5	9.9	49.9	





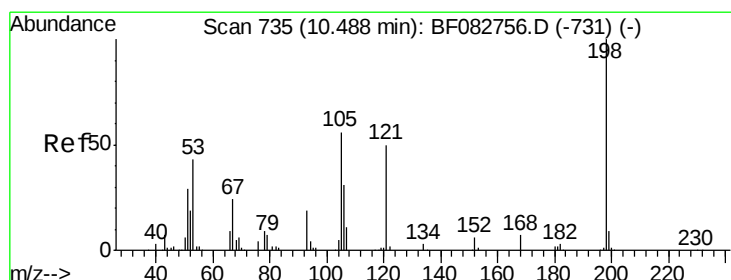
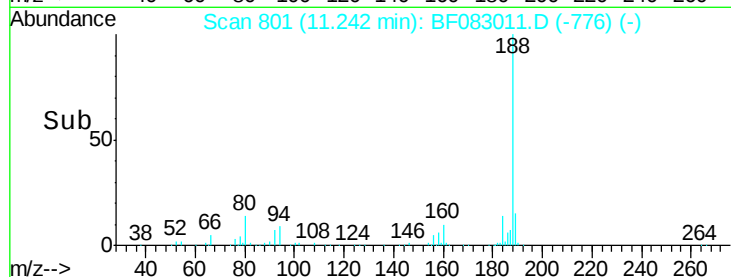
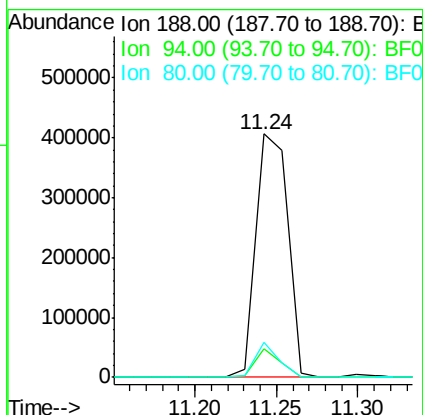
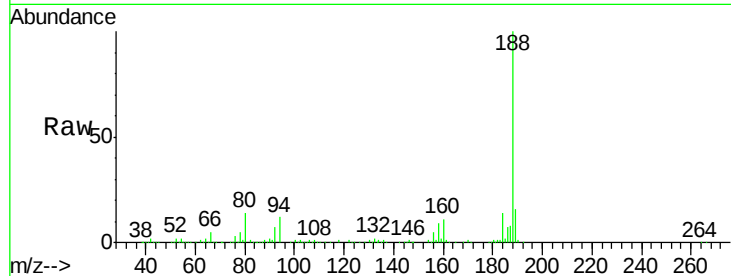
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion:188 Resp: 554326
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 14.3 7.0 10.6#

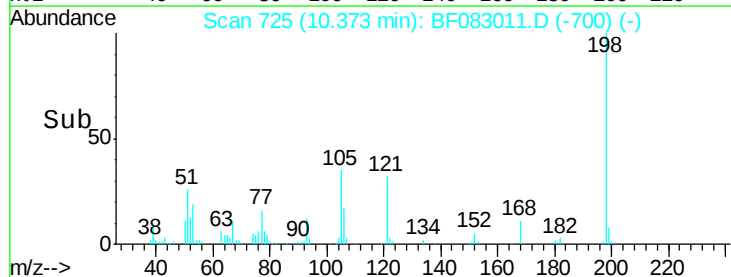
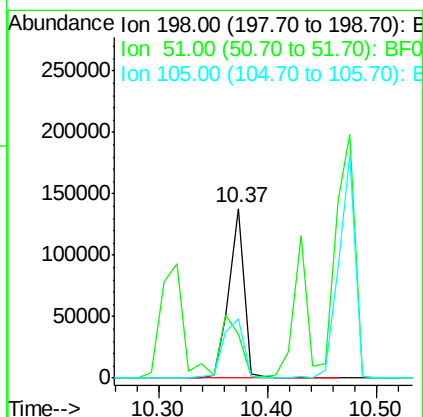
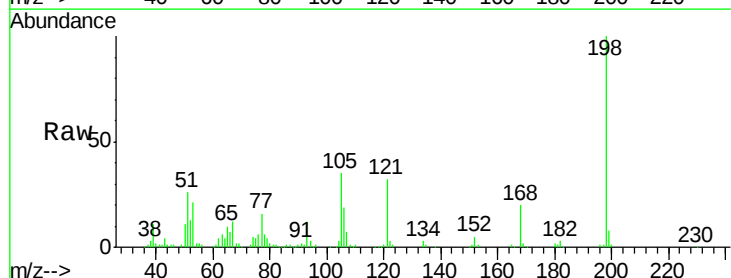
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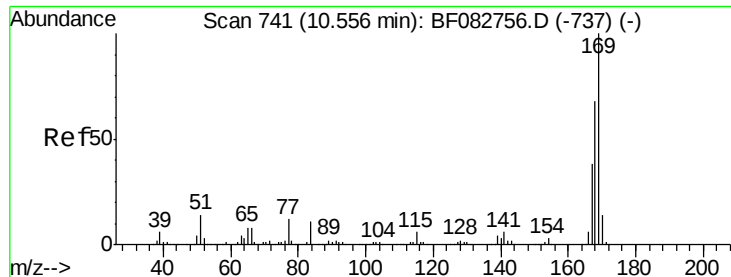
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11/19/2015 6:44:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.35 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:198 Resp: 135657
Ion Ratio Lower Upper
198 100
51 26.1 17.3 57.3
105 34.7 21.7 61.7





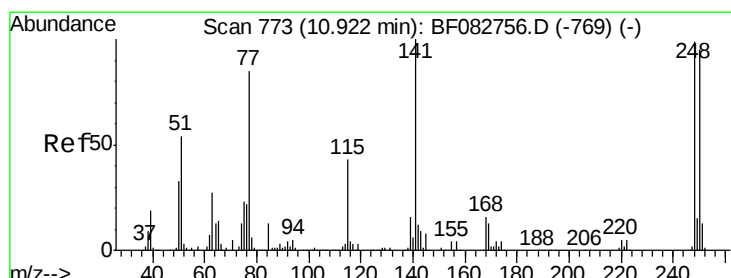
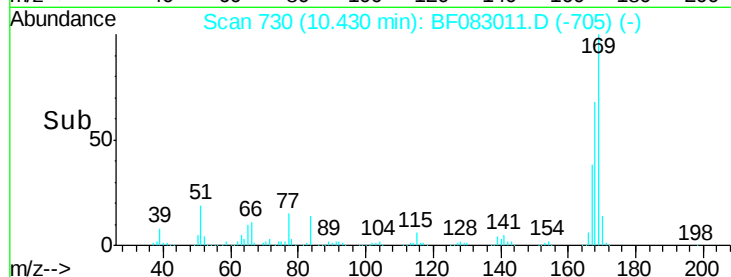
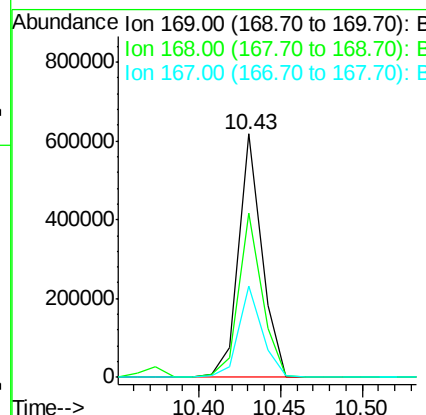
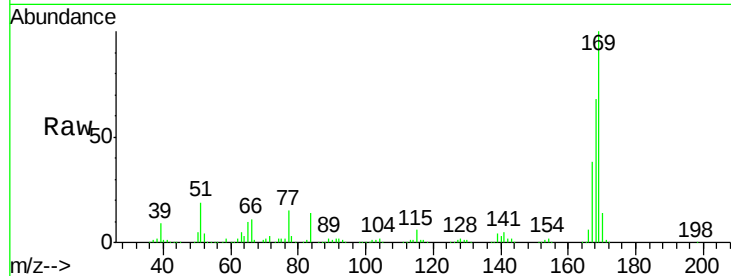
#65
n-Nitrosodiphenylamine
Concen: 30.45 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	609740		
168	67.7	55.0	82.6	
167	37.6	30.5	45.7	

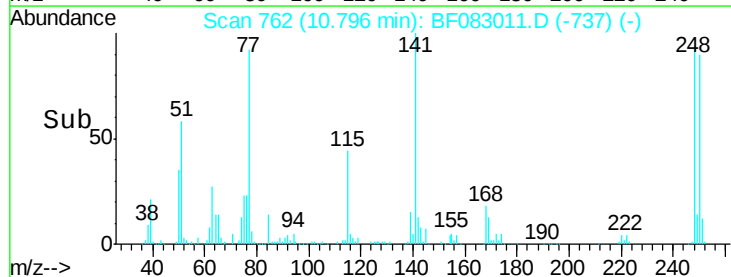
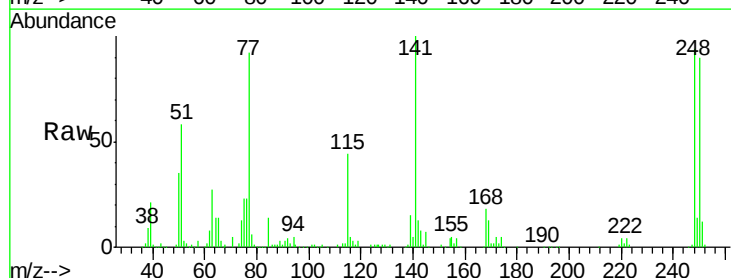
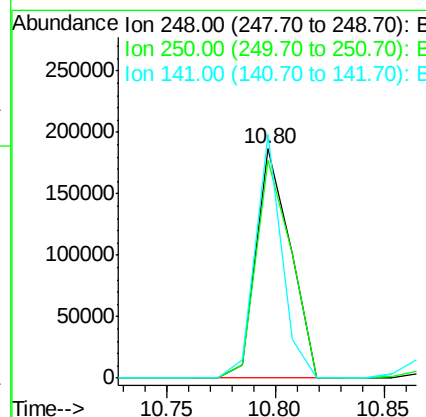
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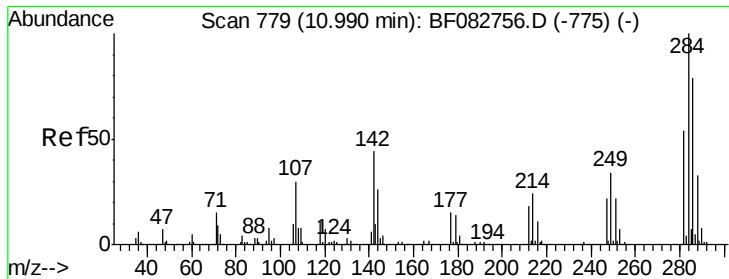
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#66
4-Bromophenyl-phenylether
Concen: 30.76 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	205328		
250	95.4	79.4	119.2	
141	106.3	36.3	54.5	





#67

Hexachlorobenzene

Concen: 31.40 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083011.D

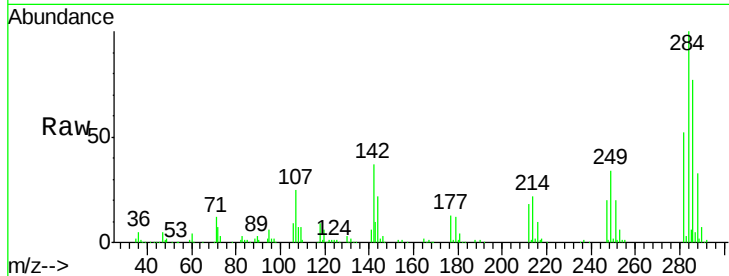
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

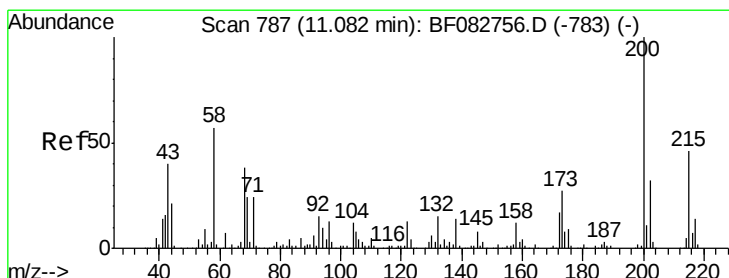
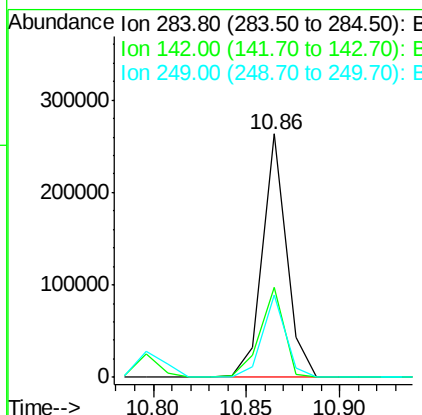
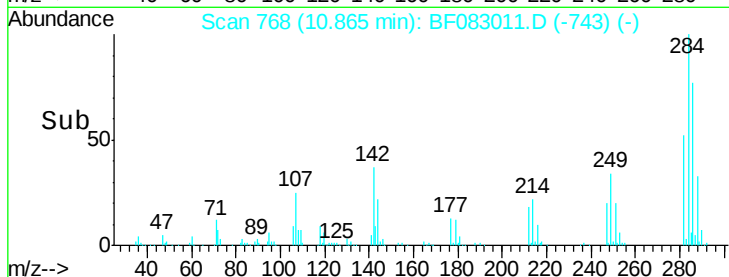
PB86700BS



Tgt Ion:	284	Resp:	233995
Ion Ratio	Lower	Upper	
284	100		
142	37.0	47.9	71.9#
249	33.7	29.7	44.5

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#68

Atrazine

Concen: 39.05 ng

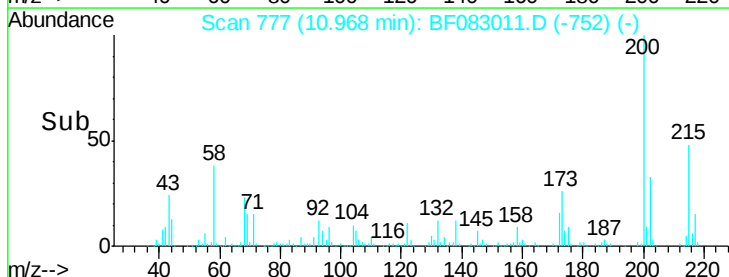
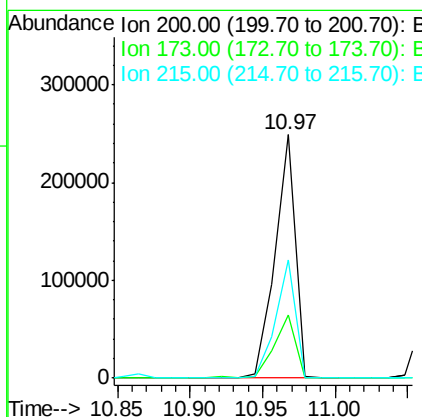
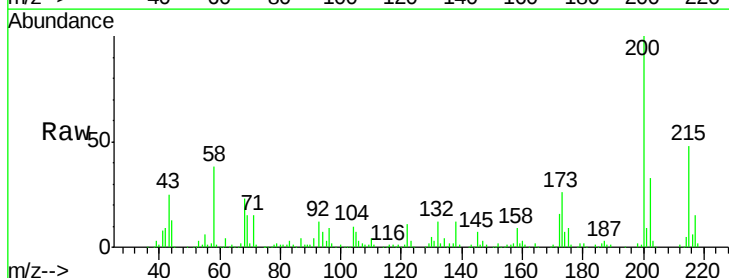
RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	200	Resp:	241826
Ion Ratio	Lower	Upper	
200	100		
173	25.7	6.9	46.9
215	48.4	22.9	62.9





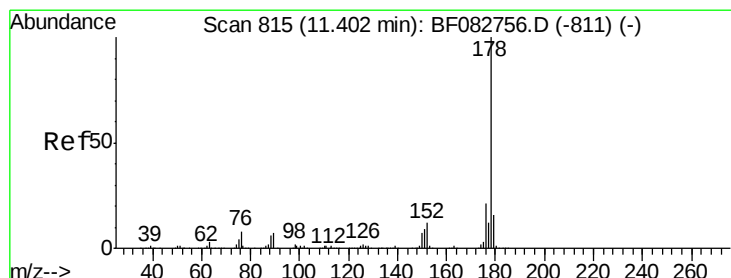
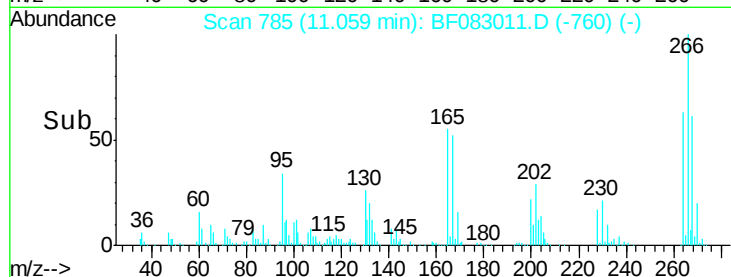
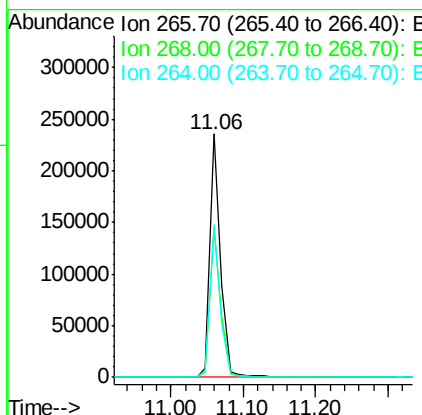
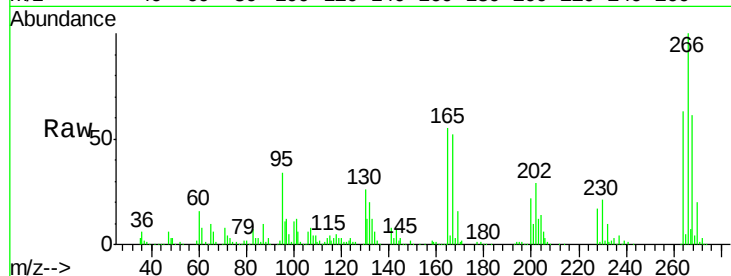
#69
 Pentachlorophenol
 Concen: 53.20 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240776		
268	60.9	51.0	76.6	
264	62.7	50.6	75.8	

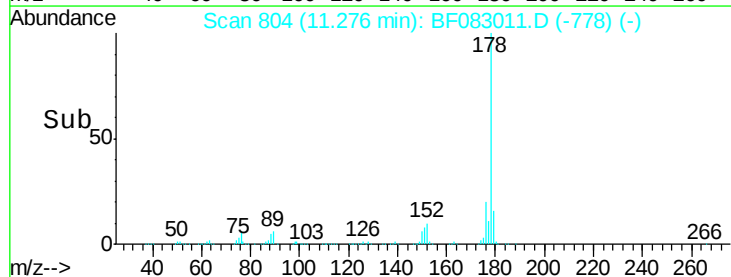
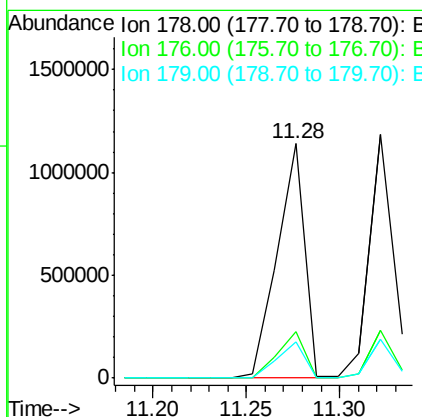
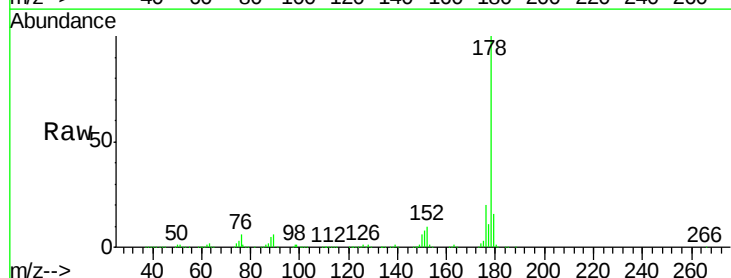
Manual Integrations
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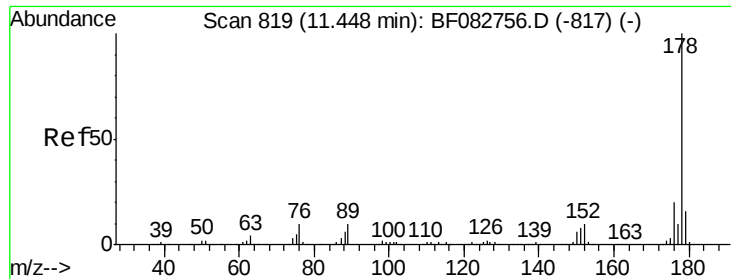
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#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1164386		
176	19.7	17.0	25.4	
179	15.8	13.4	20.0	





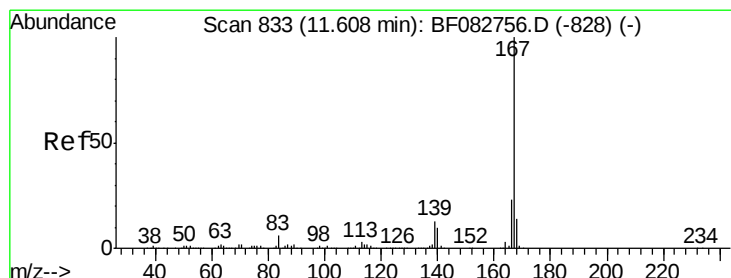
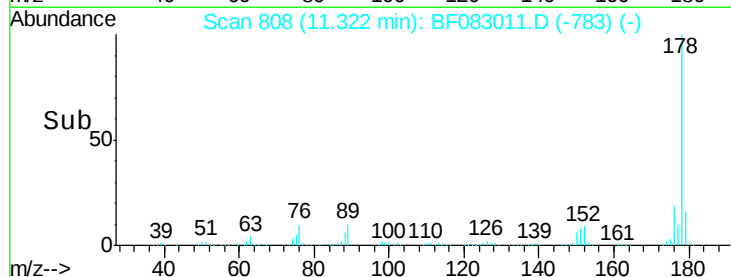
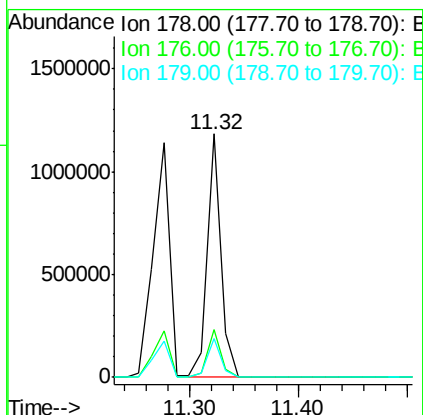
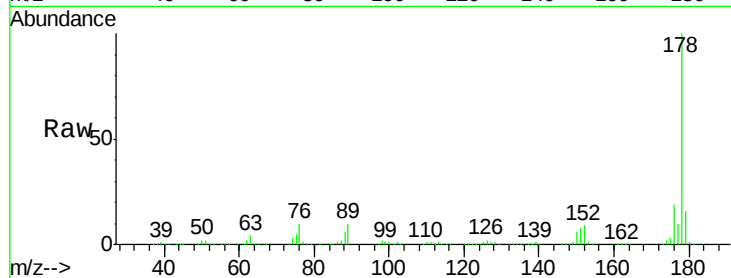
#71
 Anthracene
 Concen: 30.82 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion:178 Resp: 1044940
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.5 24.7
 179 16.0 13.2 19.8

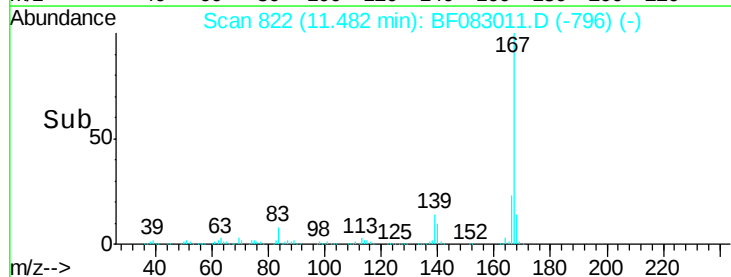
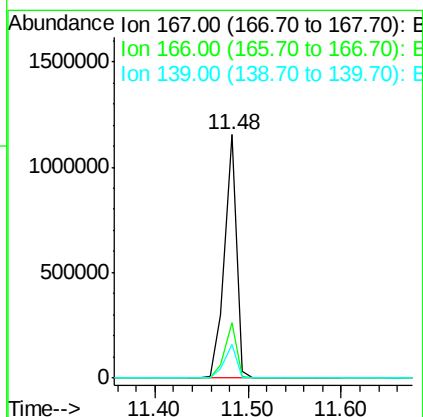
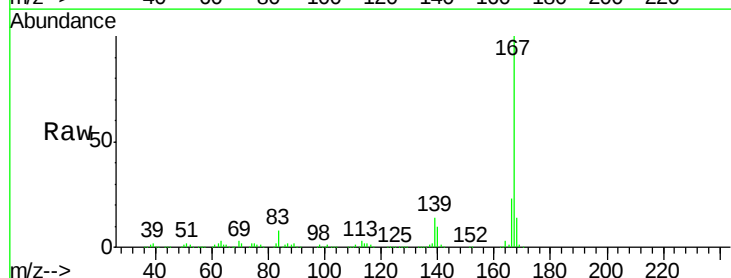
Manual Integrations
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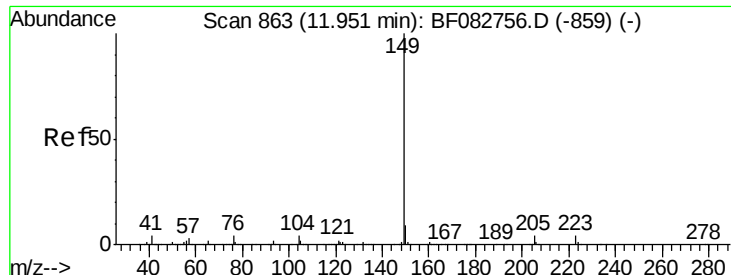
Mmdadoda
 11/19/2015 6:44:41 PM



#72
 Carbazole
 Concen: 34.68 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:167 Resp: 1029316
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.7 28.1
 139 13.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 34.97 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

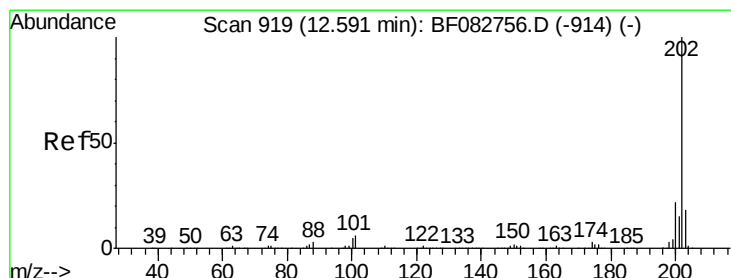
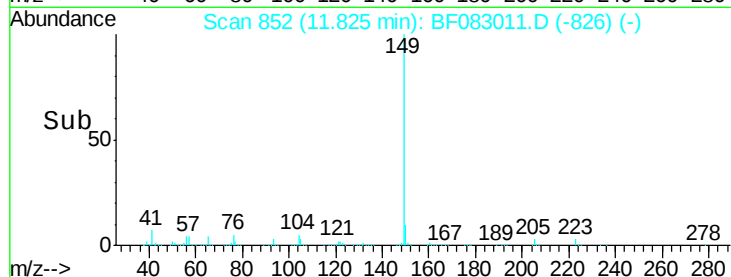
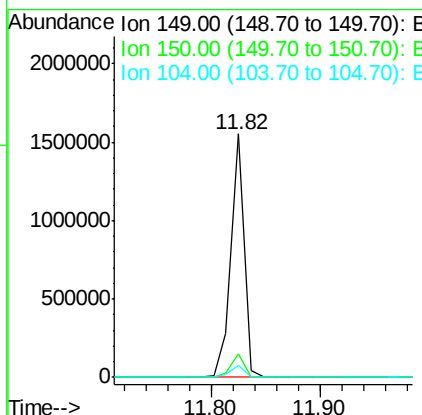
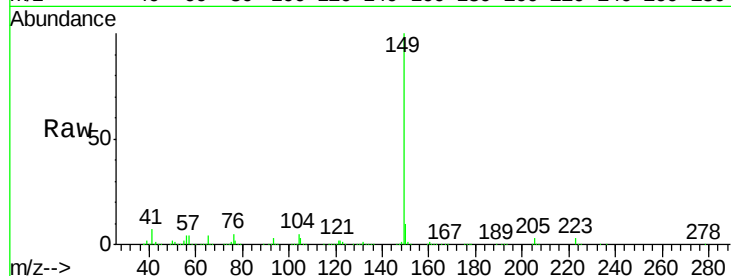
ClientSampleId :

PB86700BS

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.2	5.2	7.8



#74

Fluoranthene

Concen: 31.07 ng

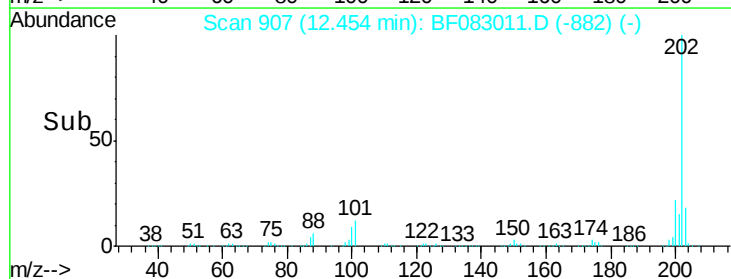
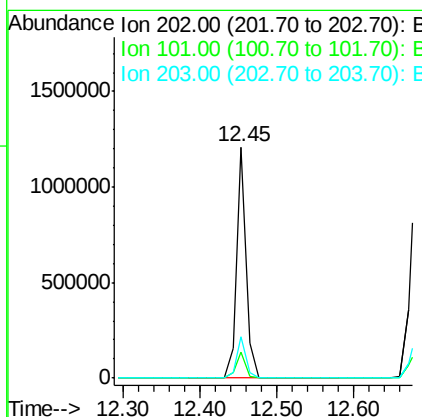
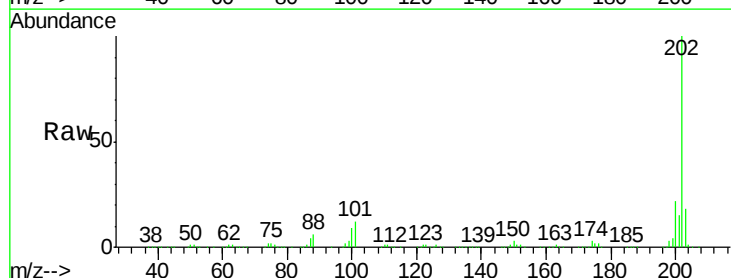
RT: 12.45 min Scan# 907

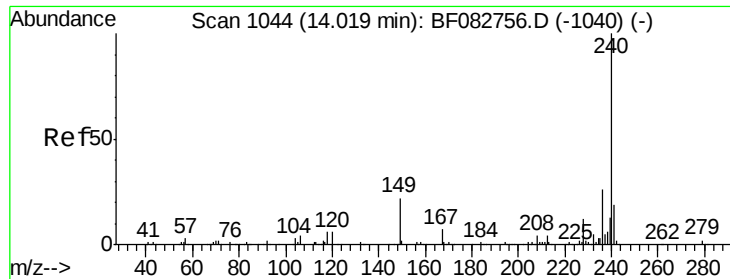
Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

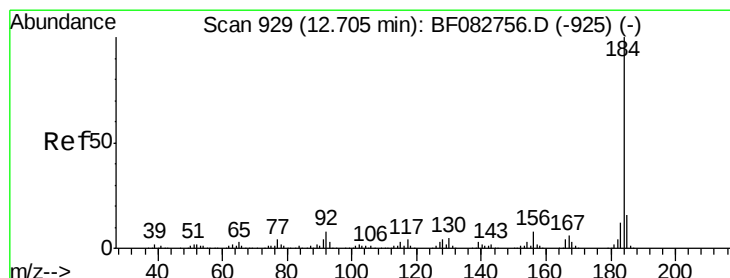
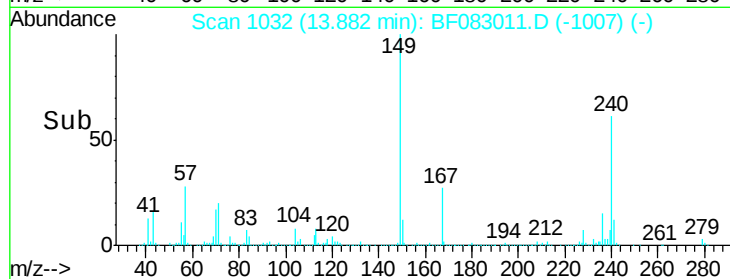
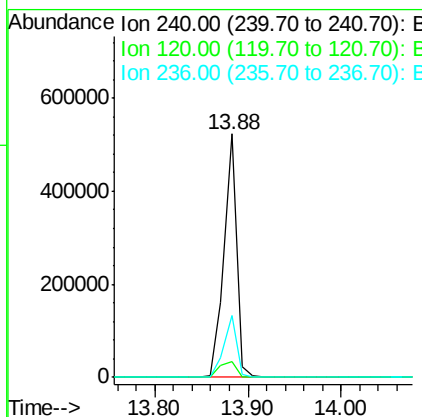
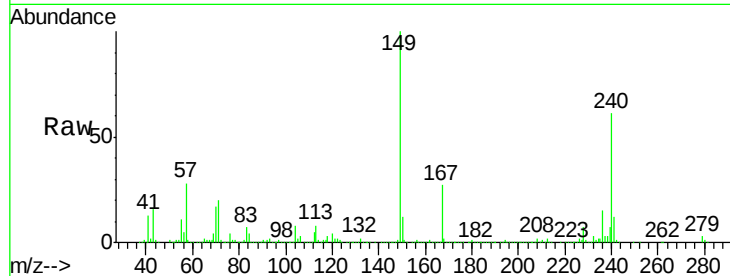
ClientSampleId :

PB86700BS

Tgt Ion:	240	Resp:	493672
Ion Ratio	Lower	Upper	
240	100		
120	6.5	10.9	16.3#
236	25.2	21.6	32.4

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#76

Benzidine

Concen: 23.35 ng

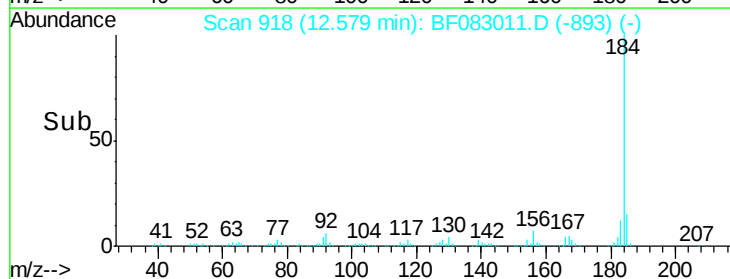
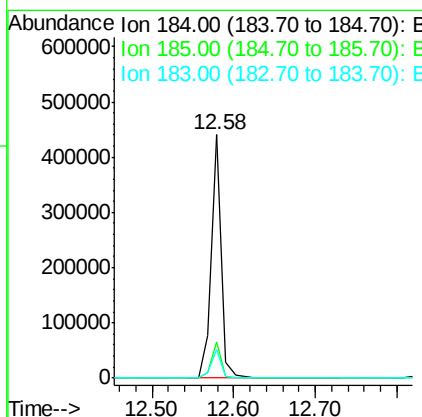
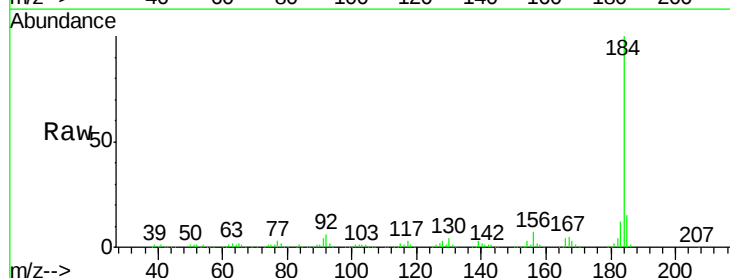
RT: 12.58 min Scan# 918

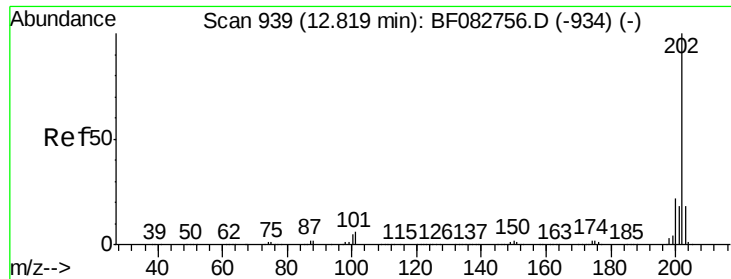
Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	184	Resp:	386352
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.6	9.6	14.4





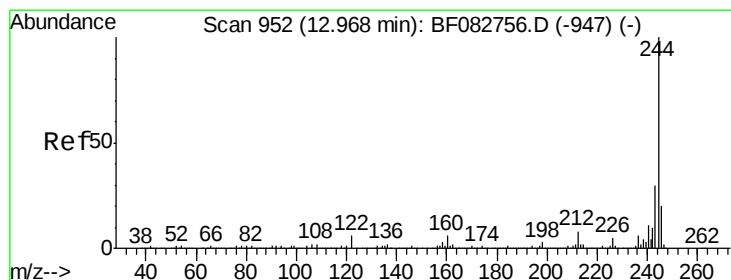
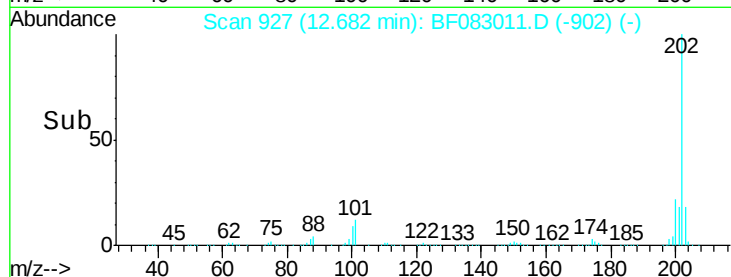
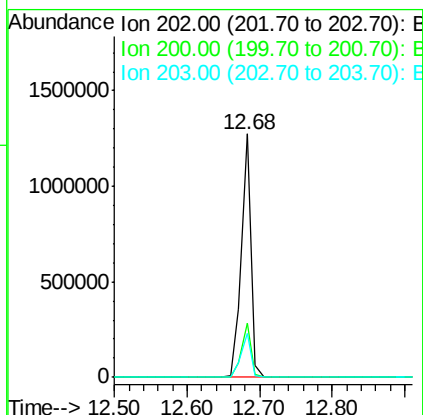
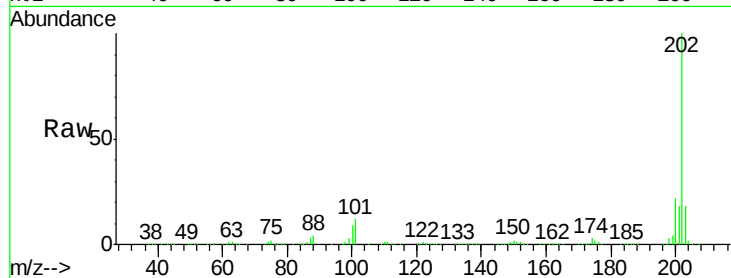
#77
 Pyrene
 Concen: 34.55 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	18.2	14.8	22.2

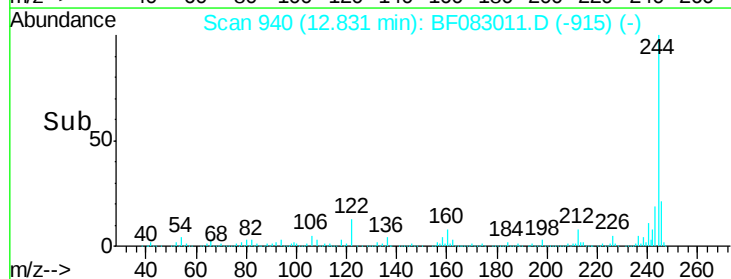
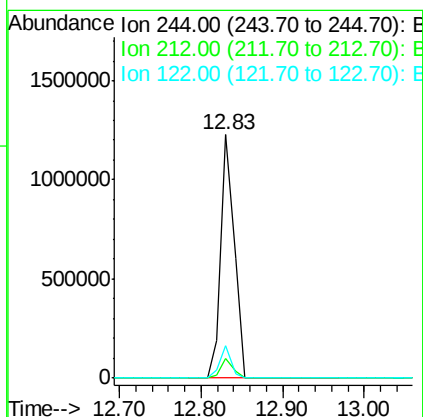
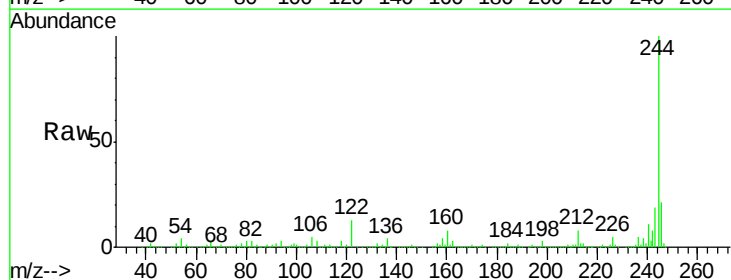
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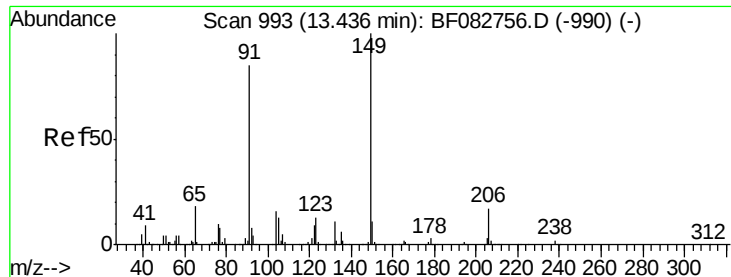
Mmdadoda
 11/19/2015 6:44:41 PM



#78
 Terphenyl-d14
 Concen: 66.91 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	13.2	11.3	16.9





#79

Butylbenzylphthalate

Concen: 33.64 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083011.D

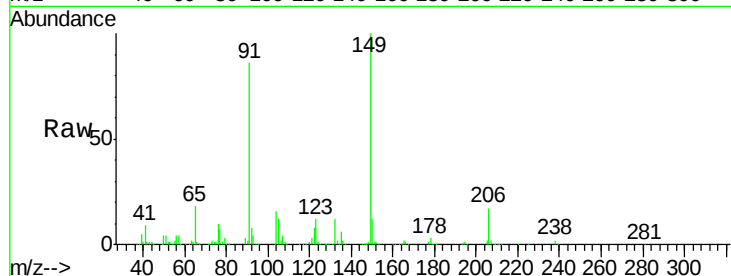
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

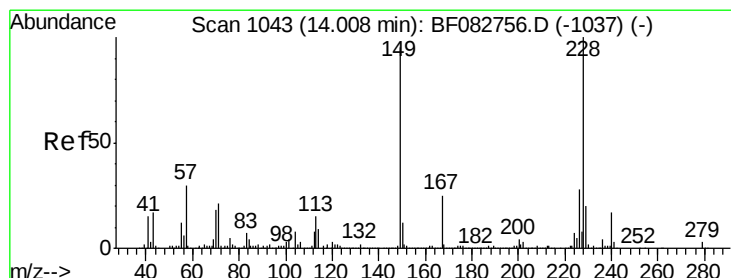
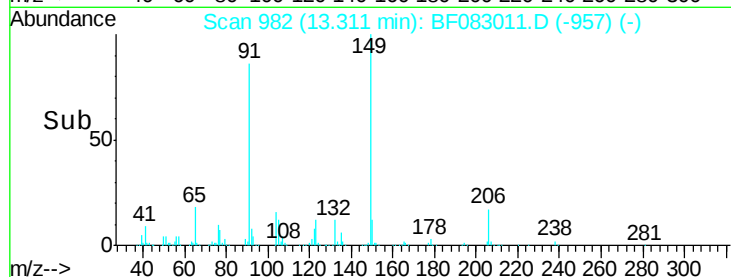
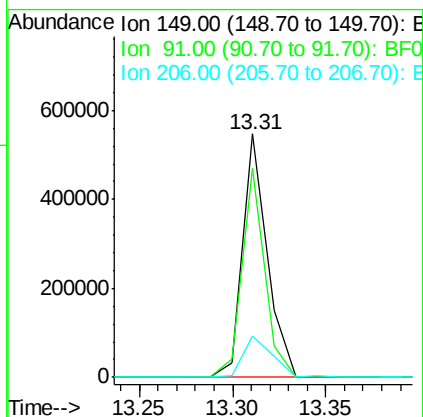
PB86700BS



Tgt Ion:	149	Resp:	503864
Ion Ratio	Lower	Upper	
149	100		
91	85.7	67.7	101.5
206	17.0	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 34.13 ng

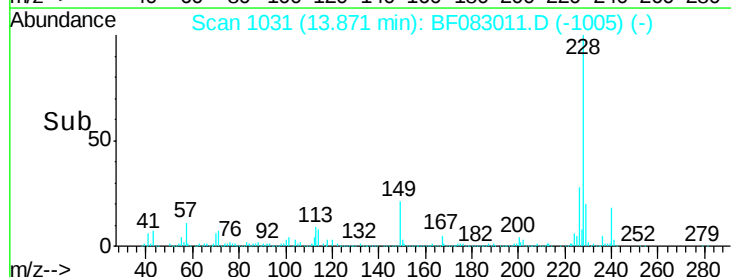
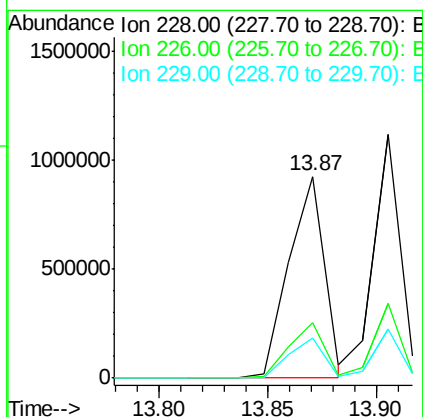
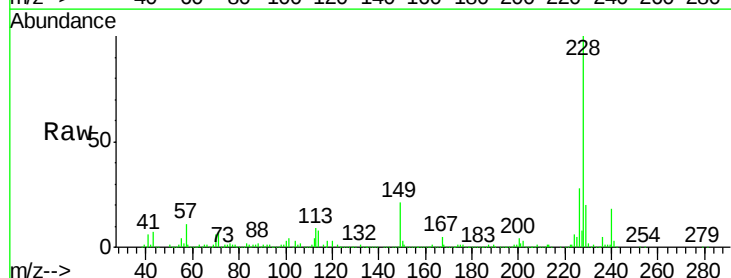
RT: 13.87 min Scan# 1031

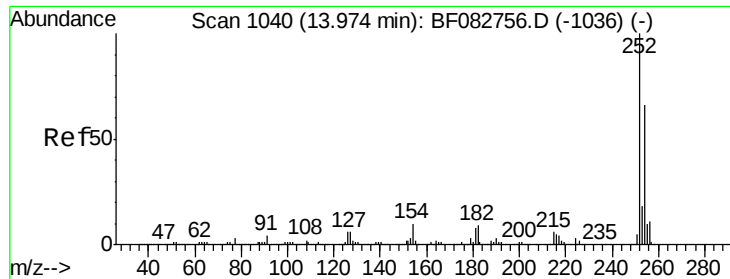
Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:	228	Resp:	1053638
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.4	35.2
229	19.9	16.3	24.5





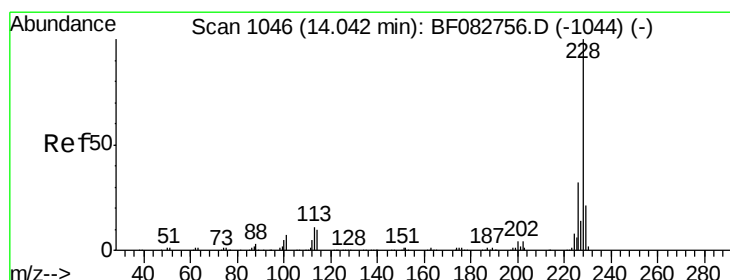
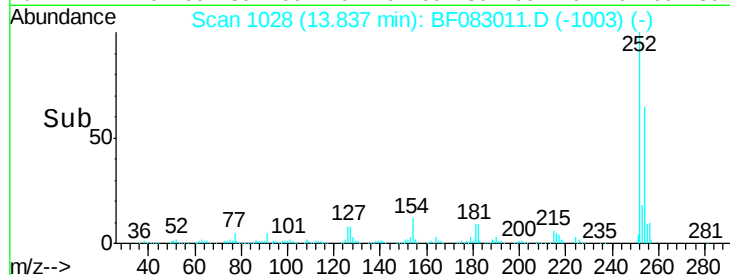
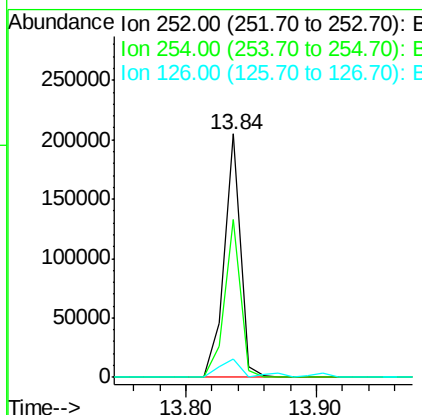
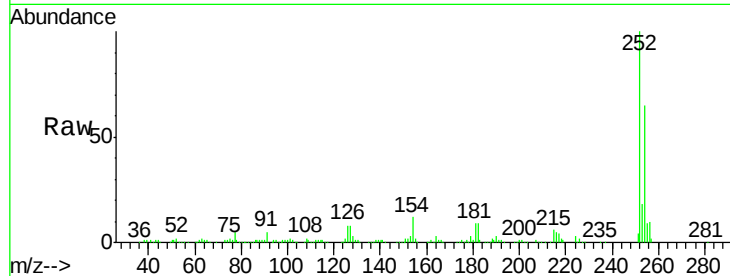
#81
 3,3'-Dichlorobenzidine
 Concen: 16.33 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	51.4	77.0
126	7.7	10.7	16.1

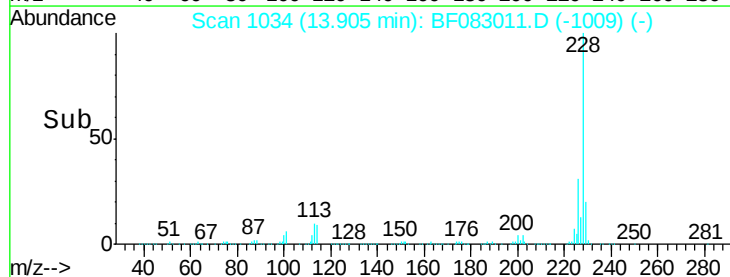
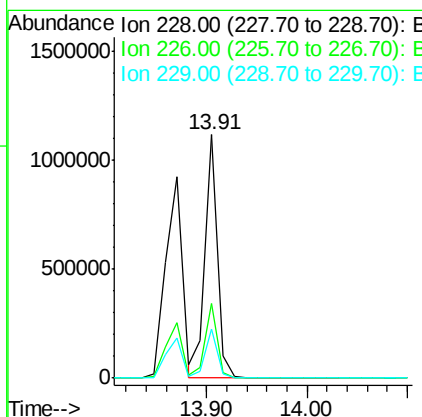
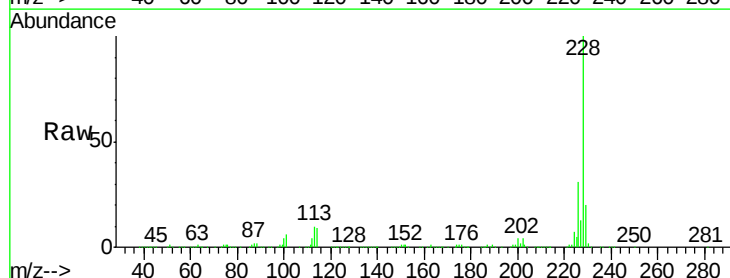
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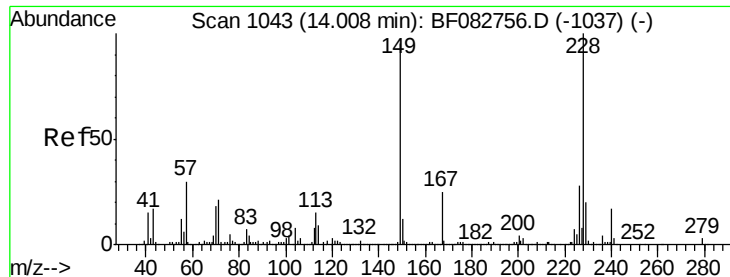
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#82
 Chrysene
 Concen: 34.17 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.5	38.3
229	20.1	16.3	24.5





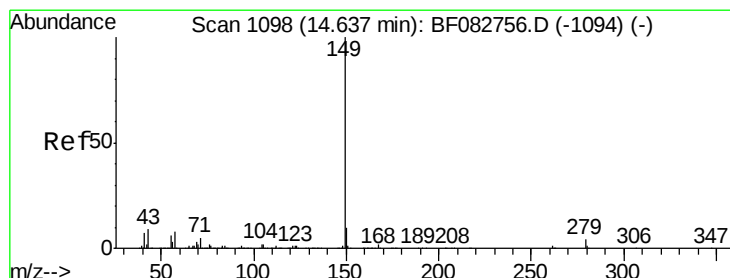
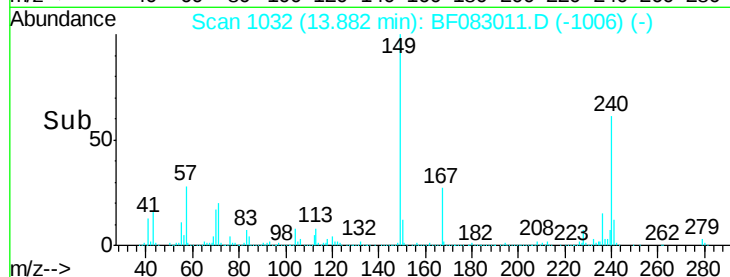
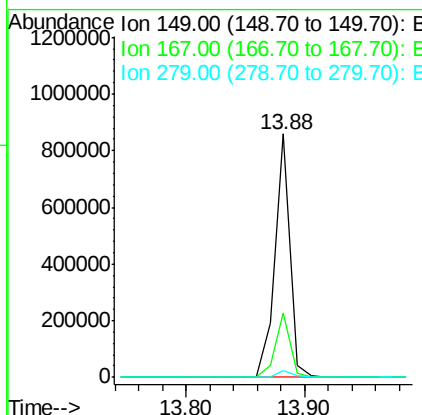
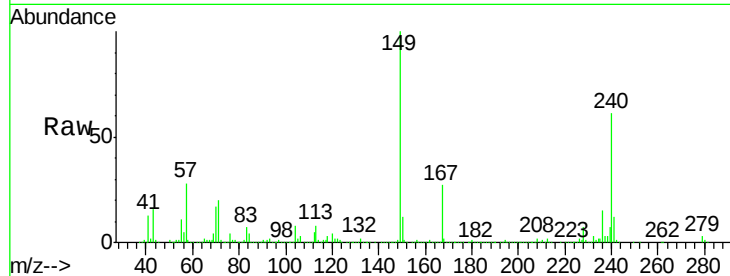
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.88 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	755953		
167	26.6	21.2	31.8	
279	2.9	2.2	3.2	

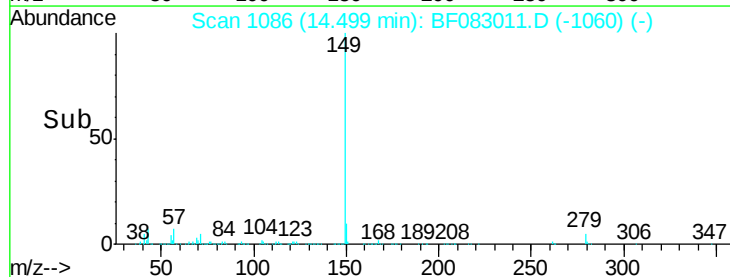
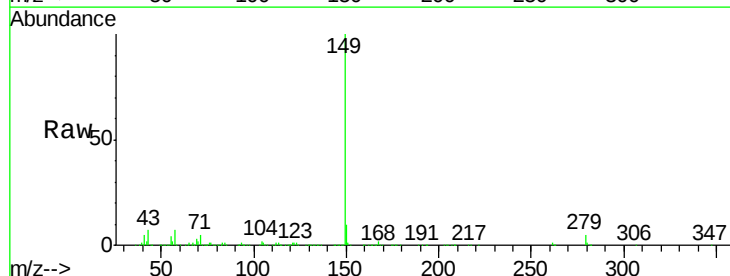
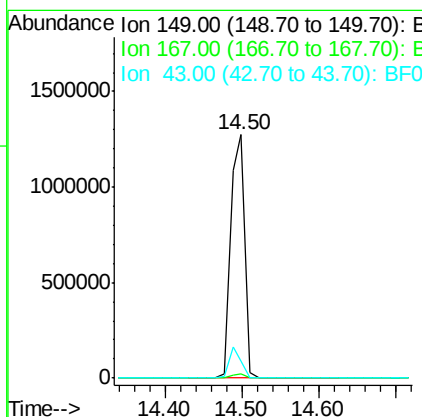
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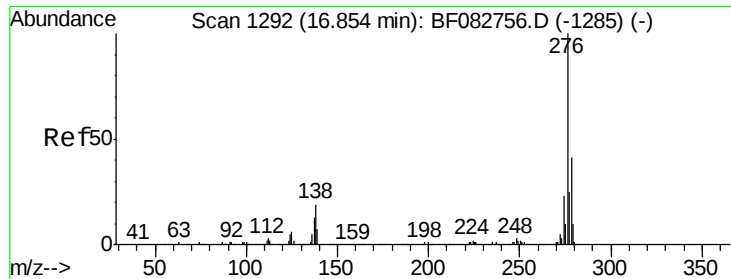
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#84
 Di-n-octyl phthalate
 Concen: 48.61 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1662099		
167	1.6	1.3	1.9	
43	10.6	10.1	15.1	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.55 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF083011.D

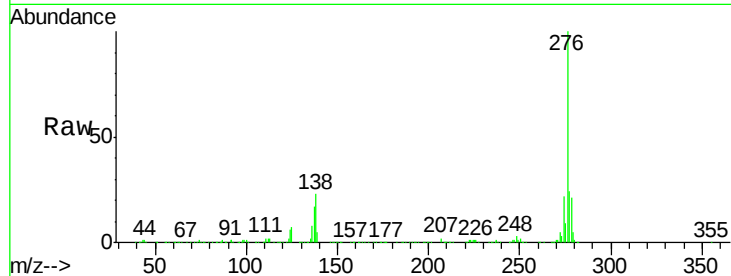
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS



Tgt Ion:276 Resp: 1011744

Ion Ratio Lower Upper

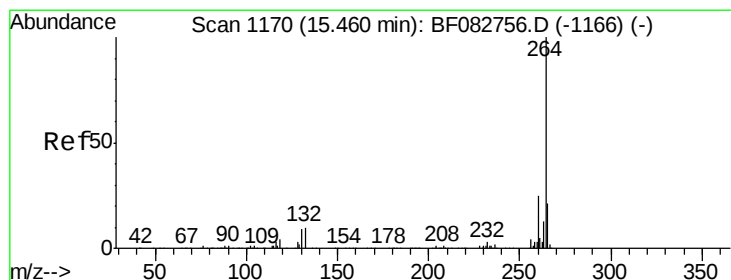
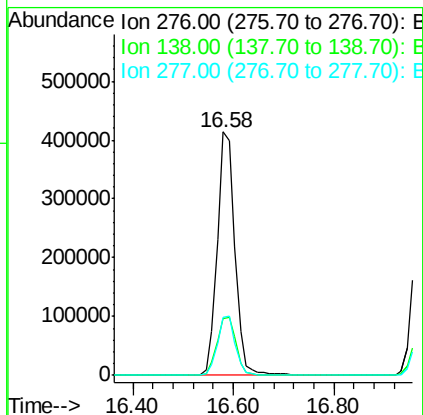
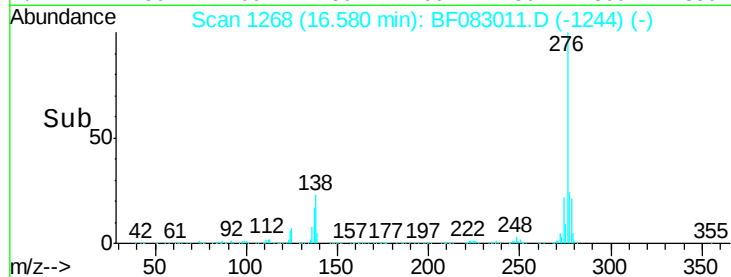
276 100

138 25.7 15.3 22.9#

277 24.8 20.2 30.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

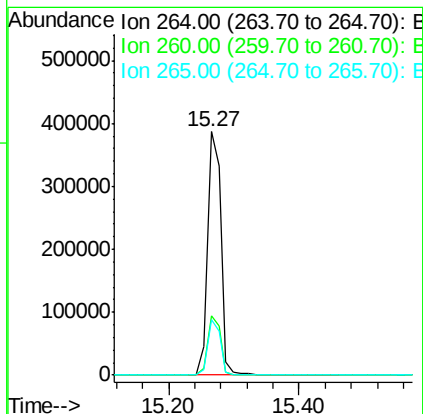
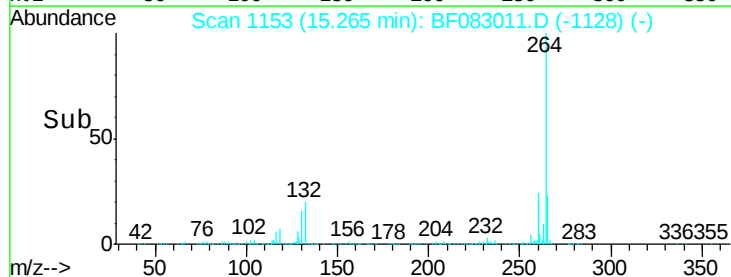
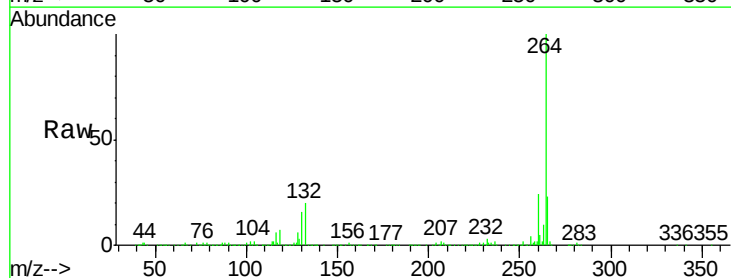
Tgt Ion:264 Resp: 550315

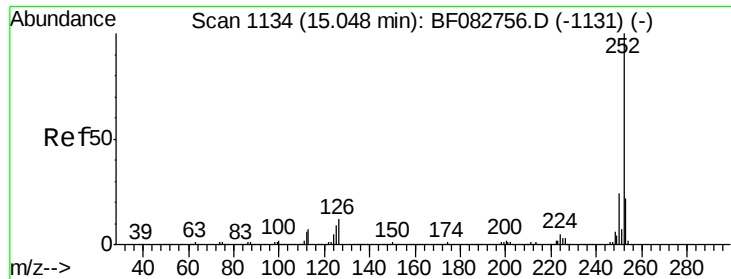
Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 22.8 17.4 26.0





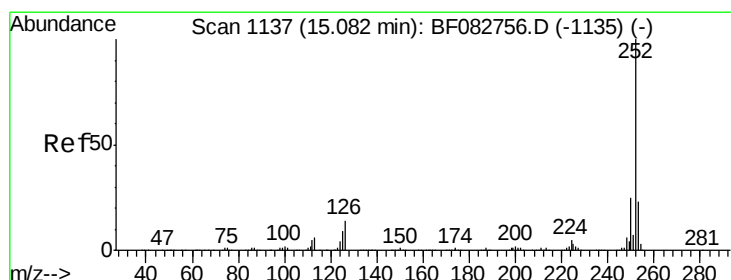
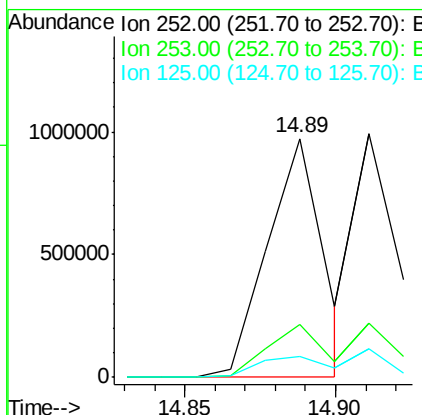
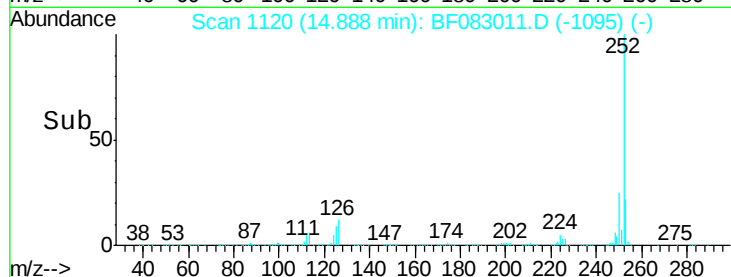
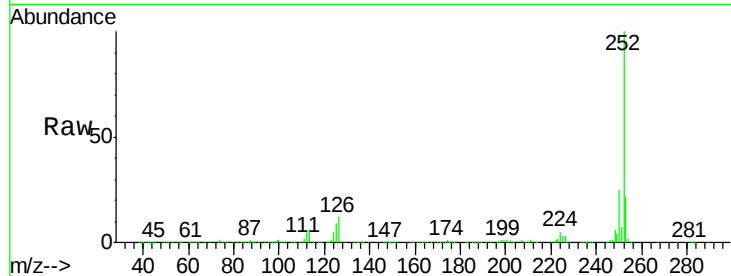
#87
Benzo(b)fluoranthene
Concen: 35.06 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	8.6	5.4	8.2#

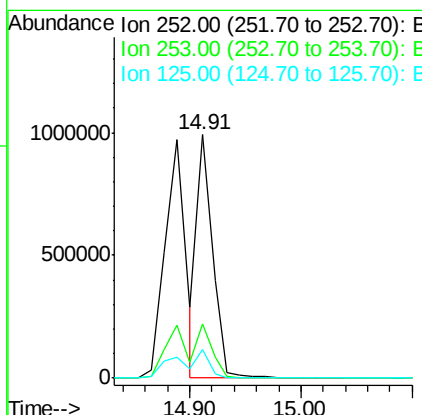
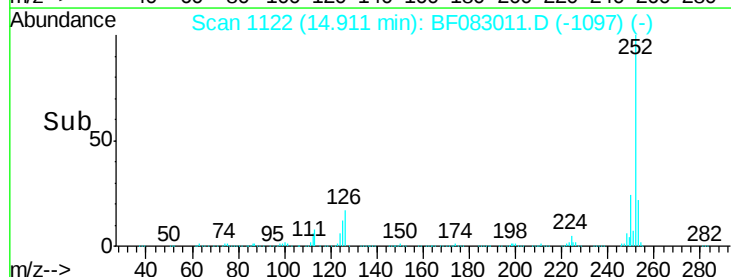
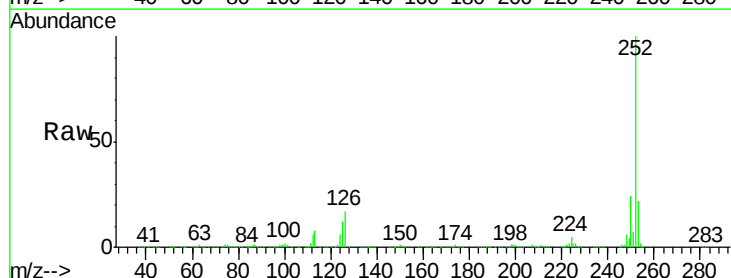
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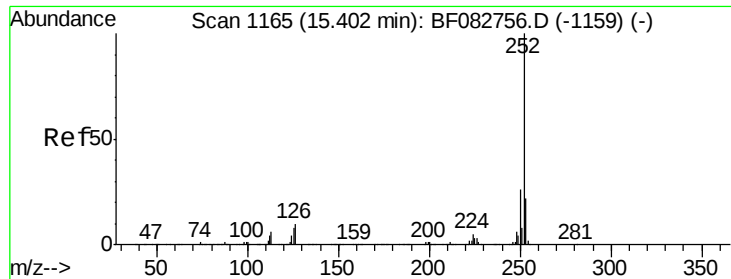
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#88
Benzo(k)fluoranthene
Concen: 31.65 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.5	3.5	5.3#





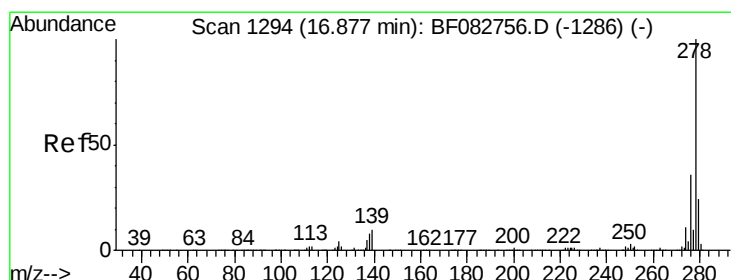
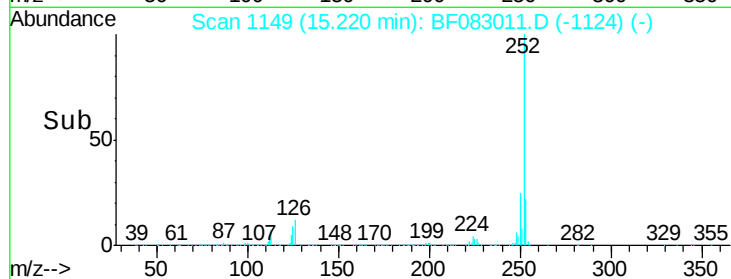
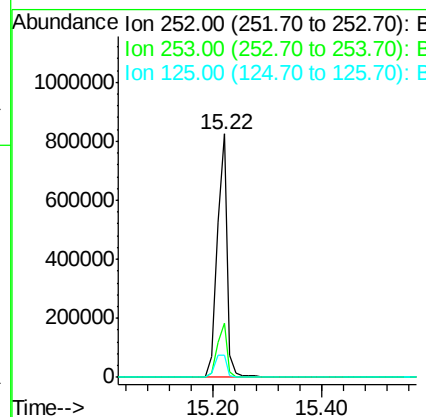
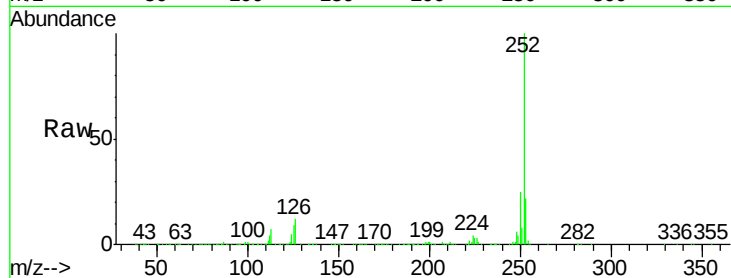
#89
Benzo(a)pyrene
Concen: 34.54 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tgt Ion: 252 Resp: 1056949
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.1 7.1 10.7

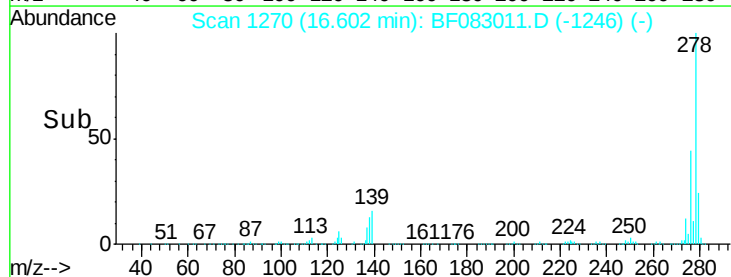
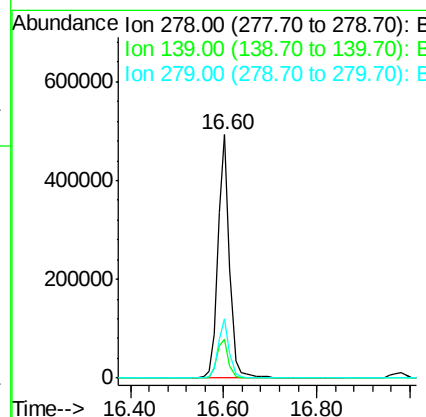
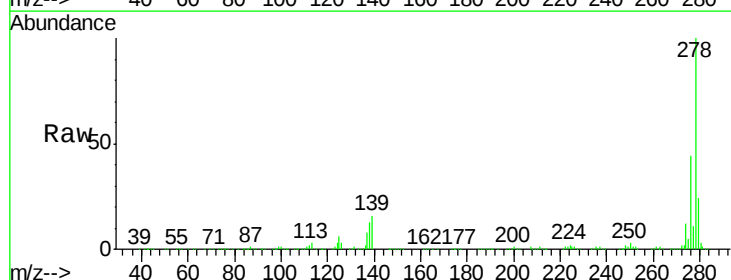
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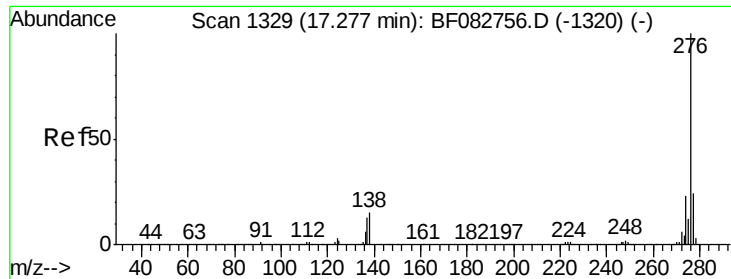
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#90
Dibenzo(a,h)anthracene
Concen: 32.68 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion: 278 Resp: 846921
Ion Ratio Lower Upper
278 100
139 15.7 9.9 14.9#
279 24.5 19.6 29.4





#91
 Benzo(g,h,i)perylene
 Concen: 33.48 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.9	13.1	19.7

Manual Integrations
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