

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083010.D
 Acq On : 18 Nov 2015 15:07
 Operator : UM/IZ
 Sample : PB86689BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:44:42 PM

Quant Time: Nov 19 02:30:24 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	148958	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	568465	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	286153	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	562262	20.00	ng	0.00
75) Chrysene-d12	13.88	240	593819	20.00	ng	-0.01
86) Perylene-d12	15.27	264	514828	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1148480	119.96	ng	0.01
7) Phenol-d6	6.38	99	1356034	106.55	ng	-0.01
23) Nitrobenzene-d5	7.30	82	894515	68.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	336575	102.58	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1560606	78.17	ng	0.00
78) Terphenyl-d14	12.83	244	1471576	58.78	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	170716	41.33	ng	95
3) Pyridine	2.99	79	480055	40.05	ng	96
4) n-Nitrosodimethylamine	2.93	42	216654	36.44	ng	# 76
6) Aniline	6.40	93	353388	19.78	ng	# 1
8) 2-Chlorophenol	6.52	128	417395	39.33	ng	95
9) Benzaldehyde	6.27	77	334875	47.63	ng	91
10) Phenol	6.40	94	429068	29.71	ng	84
11) bis(2-Chloroethyl)ether	6.48	93	419457	38.84	ng	# 82
12) 1,3-Dichlorobenzene	6.67	146	429750m	35.90	ng	
13) 1,4-Dichlorobenzene	6.75	146	460963	37.02	ng	93
14) 1,2-Dichlorobenzene	6.90	146	377696	33.35	ng	96
15) Benzyl Alcohol	6.89	79	394092	35.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	663676	41.90	ng	96
17) 2-Methylphenol	7.00	107	317575	35.33	ng	98
18) Hexachloroethane	7.24	117	152317	34.20	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	322447	34.46	ng	90
20) 3+4-Methylphenols	7.16	107	429242	36.73	ng	# 62
22) Acetophenone	7.15	105	580384	35.63	ng	96
24) Nitrobenzene	7.32	77	465959	34.88	ng	92
25) Isophorone	7.56	82	852894	35.28	ng	98
26) 2-Nitrophenol	7.63	139	201612	36.15	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	342292	34.16	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	540372	39.63	ng	99
29) 2,4-Dichlorophenol	7.88	162	328641	36.29	ng	87
30) 1,2,4-Trichlorobenzene	7.96	180	351707	34.53	ng	97
31) Naphthalene	8.04	128	1152882	36.76	ng	99
32) Benzoic acid	7.81	122	215283	31.38	ng	87
33) 4-Chloroaniline	8.09	127	121940	9.02	ng	94
34) Hexachlorobutadiene	8.17	225	222115	34.85	ng	99
35) Caprolactam	8.46	113	112580m	39.43	ng	
36) 4-Chloro-3-methylphenol	8.59	107	365181	34.29	ng	91
37) 2-Methylnaphthalene	8.74	142	739268m	36.44	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	317122	33.72	ng	98
40) Hexachlorocyclopentadiene	8.90	237	372816	73.80	ng	97

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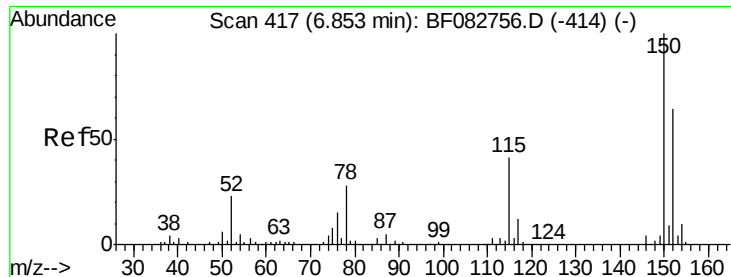
Mmdadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.01	196	241590	34.42	ng	97
43) 2,4,5-Trichlorophenol	9.06	196	273796	39.44	ng #	88
45) 1,1'-Biphenyl	9.20	154	894402	36.43	ng	95
46) 2-Chloronaphthalene	9.22	162	725782	37.89	ng	98
47) 2-Nitroaniline	9.31	65	241728	34.02	ng	91
48) Acenaphthylene	9.63	152	1084584	36.13	ng	99
49) Dimethylphthalate	9.50	163	853195	36.39	ng	99
50) 2,6-Dinitrotoluene	9.56	165	200946	40.17	ng #	86
51) Acenaphthene	9.80	154	776213	40.80	ng	99
52) 3-Nitroaniline	9.72	138	79263	14.41	ng	87
53) 2,4-Dinitrophenol	9.84	184	216475	78.82	ng #	17
54) Dibenzofuran	9.97	168	958239	37.36	ng	94
55) 4-Nitrophenol	9.90	139	282385	66.91	ng #	80
56) 2,4-Dinitrotoluene	9.96	165	246257	36.28	ng	98
57) Fluorene	10.32	166	746464	35.94	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	220514	38.92	ng #	91
59) Diethylphthalate	10.20	149	830615	36.29	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	410344	39.48	ng	98
61) 4-Nitroaniline	10.34	138	170678	30.85	ng #	83
62) Azobenzene	10.48	77	1025996	41.73	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	154835	38.65	ng	97
65) n-Nitrosodiphenylamine	10.43	169	659634	32.47	ng	98
66) 4-Bromophenyl-phenylether	10.80	248	223279	32.98	ng #	70
67) Hexachlorobenzene	10.86	284	249191	32.96	ng #	81
68) Atrazine	10.97	200	261780	41.68	ng	96
69) Pentachlorophenol	11.06	266	273287	59.53	ng	98
70) Phenanthrene	11.28	178	1278671	39.16	ng	98
71) Anthracene	11.32	178	1147201	33.35	ng	98
72) Carbazole	11.48	167	1105227	36.71	ng	97
73) Di-n-butylphthalate	11.82	149	1424311	37.97	ng	98
74) Fluoranthene	12.45	202	1159627	33.10	ng	98
76) Benzidine	12.58	184	599304	30.11	ng	99
77) Pyrene	12.68	202	1249342	30.64	ng	98
79) Butylbenzylphthalate	13.31	149	556243	30.88	ng	96
80) Benzo(a)anthracene	13.87	228	1493462	40.22	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	249522	18.90	ng #	97
82) Chrysene	13.91	228	1291784m	37.98	ng	
83) Bis(2-ethylhexyl)phthalate	13.88	149	1056173	42.83	ng	99
84) Di-n-octyl phthalate	14.50	149	1822590	44.31	ng	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	1106619	37.78	ng #	94
87) Benzo(b)fluoranthene	14.89	252	1274129m	38.56	ng	
88) Benzo(k)fluoranthene	14.91	252	1055563m	36.01	ng	
89) Benzo(a)pyrene	15.22	252	1103985	38.56	ng	98
90) Dibenzo(a,h)anthracene	16.60	278	935783	38.60	ng #	96
91) Benzo(g,h,i)perylene	16.98	276	934774	40.25	ng #	93

(#) = 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: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

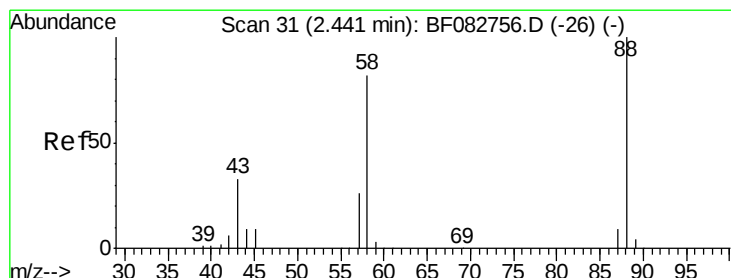
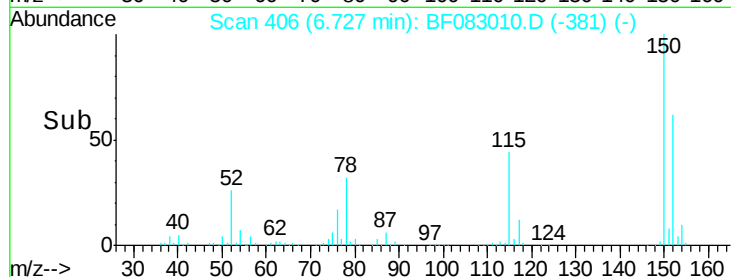
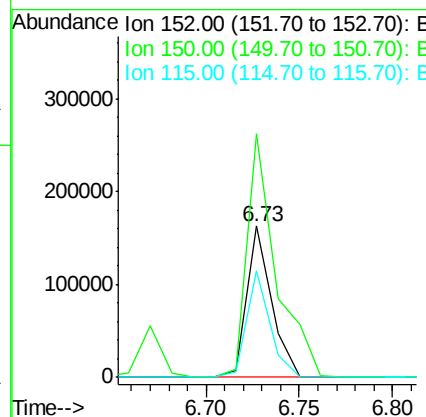
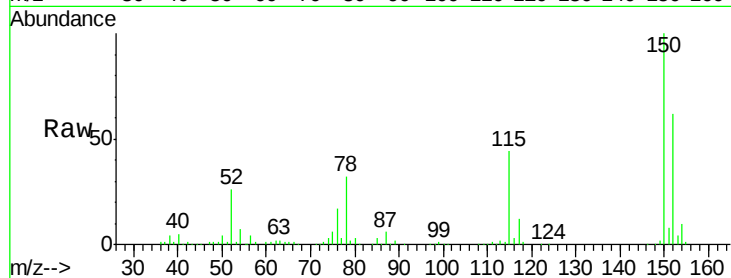
ClientSampleId :

PB86689BS

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148958		
150	161.3	127.0	190.4	
115	70.8	47.0	70.6#	



#2

1,4-Dioxane

Concen: 41.33 ng

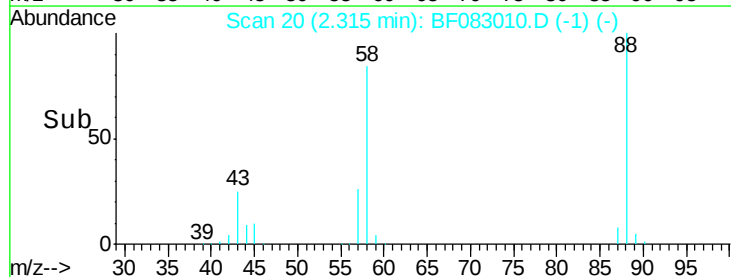
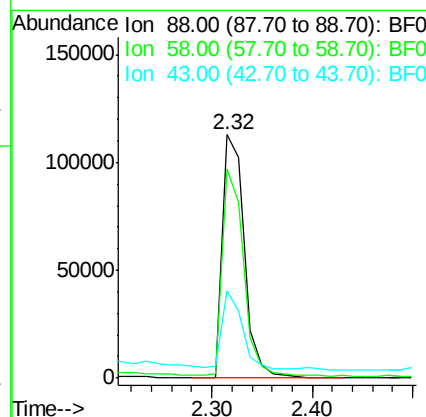
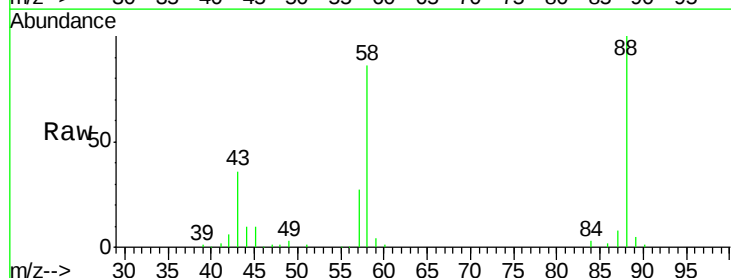
RT: 2.32 min Scan# 20

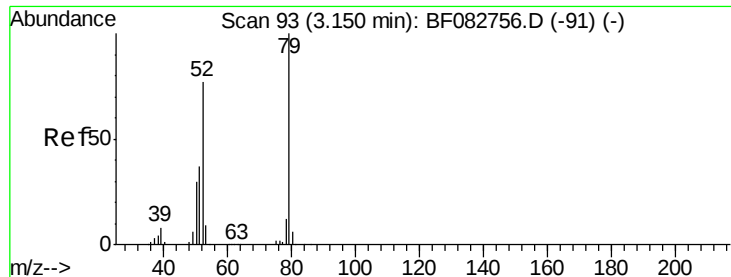
Delta R.T. 0.08 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	170716		
58	82.2	62.0	93.0	
43	31.5	26.6	40.0	





#3

Pyridine

Concen: 40.05 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

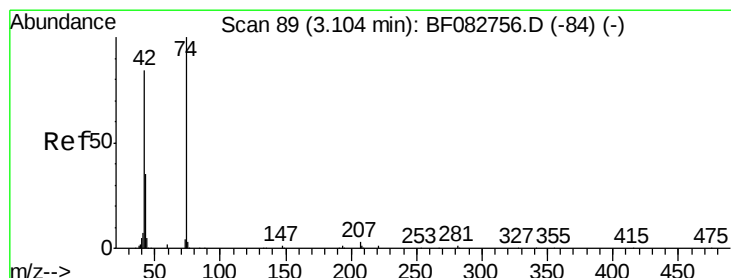
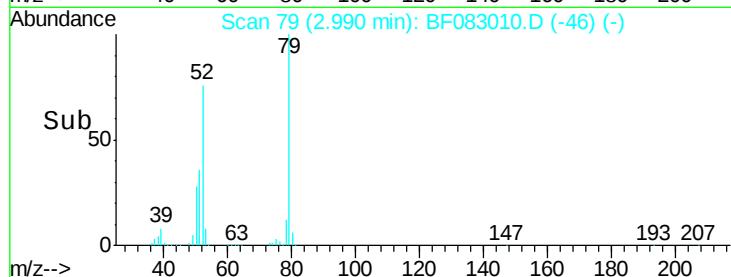
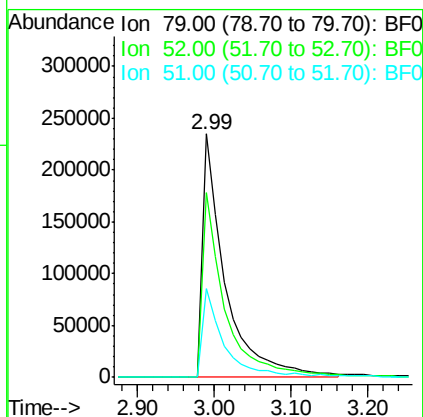
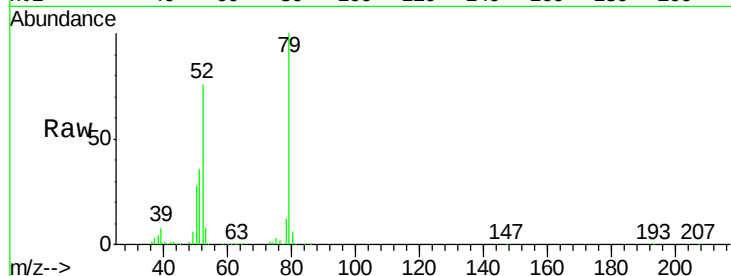
ClientSampleId :

PB86689BS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.8	62.8	94.2
51	36.4	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 36.44 ng

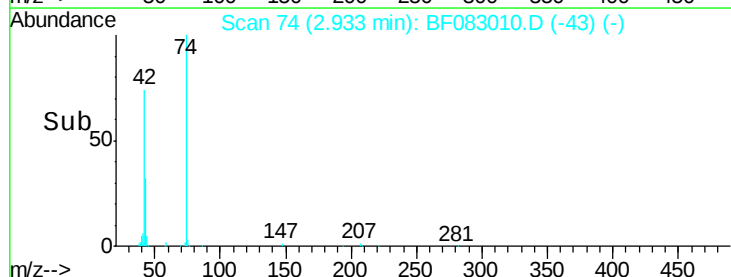
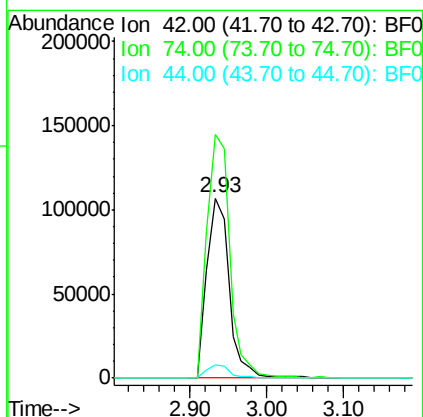
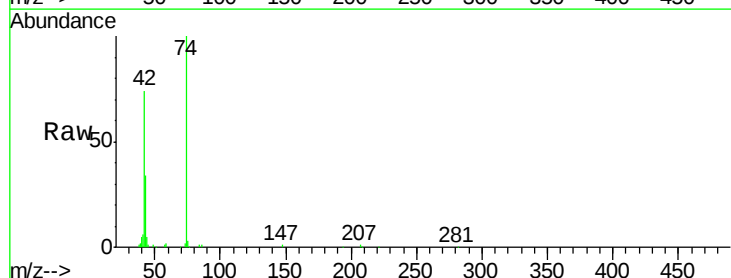
RT: 2.93 min Scan# 74

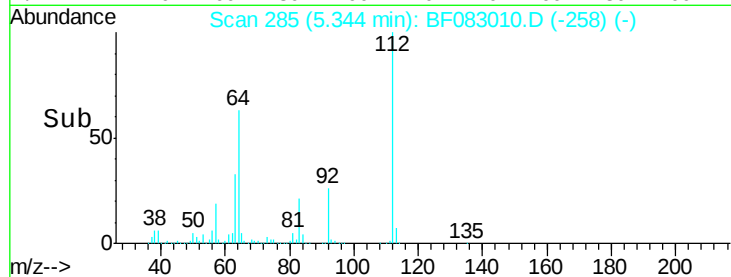
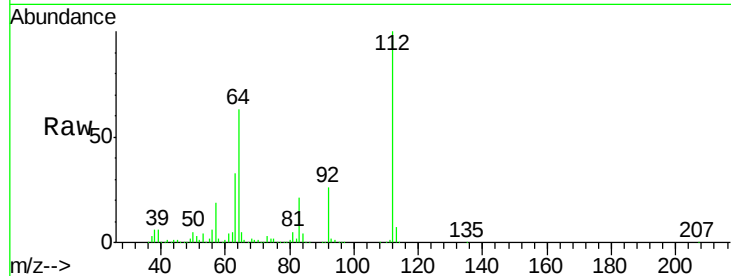
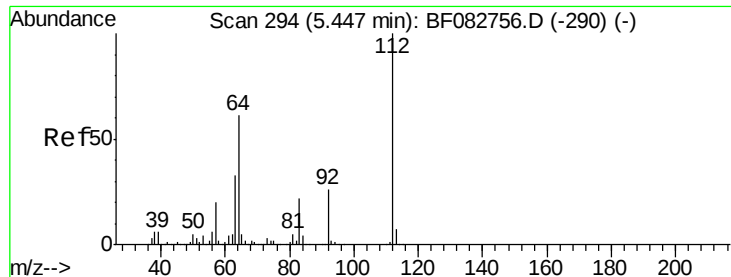
Delta R.T. 0.06 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.3	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 119.96 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

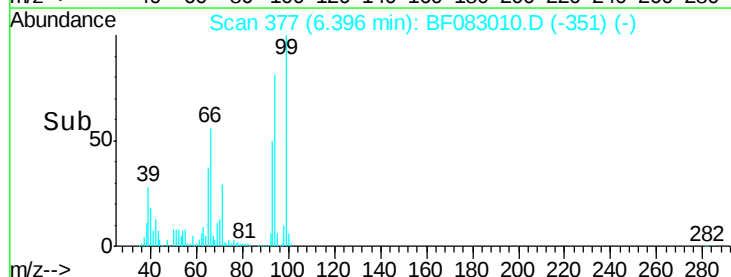
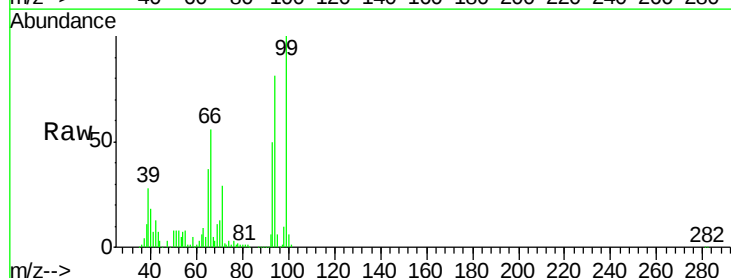
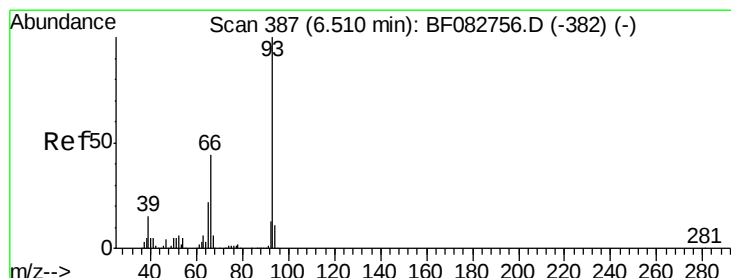
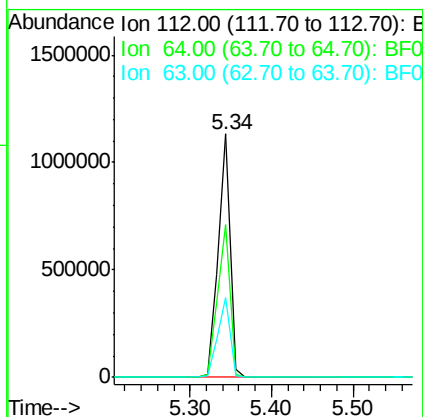
ClientSampleId :

PB86689BS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	48.9	73.3
63	32.6	28.1	42.1



#6

Aniline

Concen: 19.78 ng

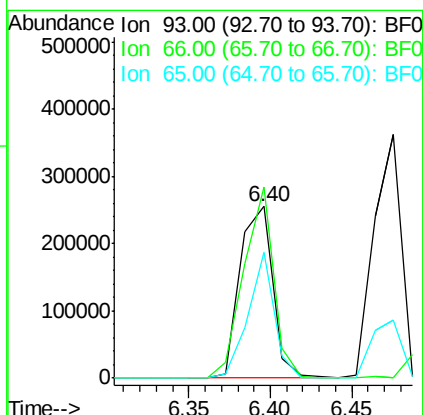
RT: 6.40 min Scan# 377

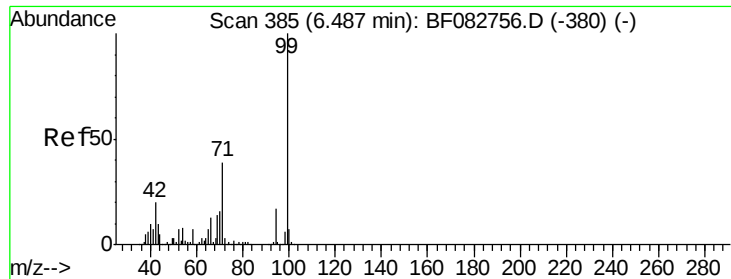
Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
66	111.8	33.6	50.4#
65	73.3	18.1	27.1#





#7

Phenol-d6

Concen: 106.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083010.D

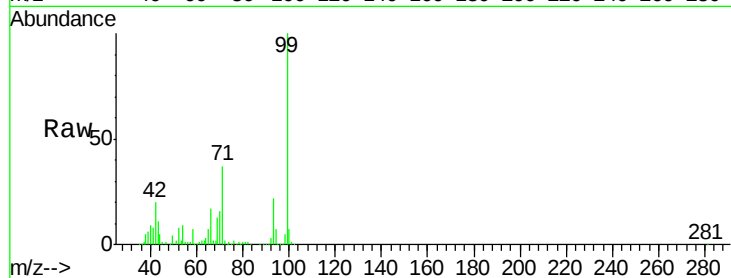
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS



Tgt Ion: 99 Resp: 1356034

Ion Ratio Lower Upper

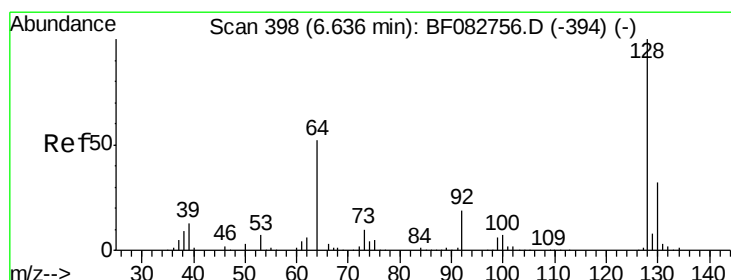
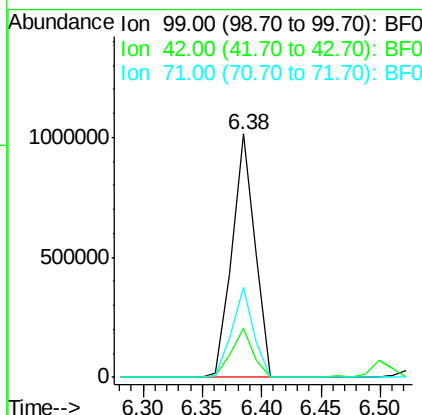
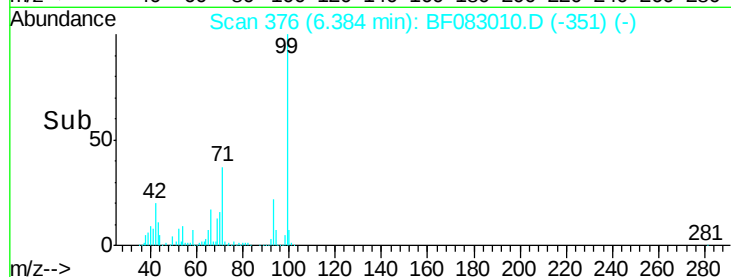
99 100

42 20.0 19.2 28.8

71 36.7 35.0 52.4

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#8

2-Chlorophenol

Concen: 39.33 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

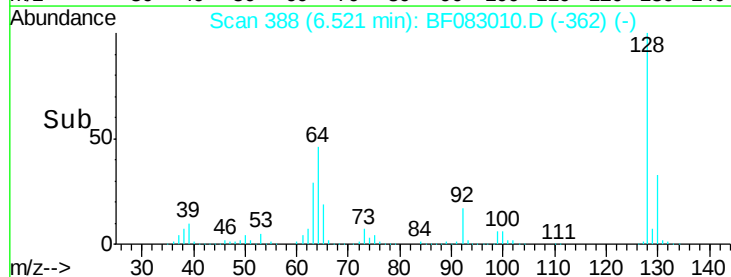
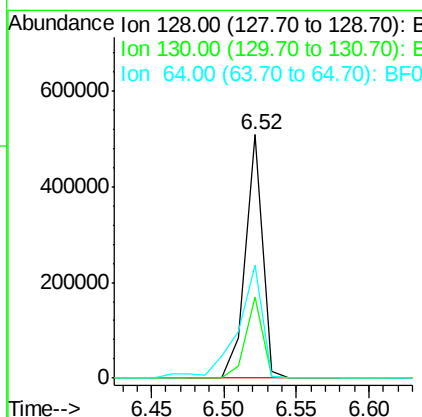
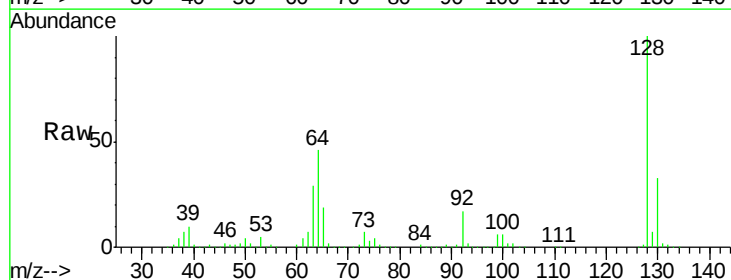
Tgt Ion: 128 Resp: 417395

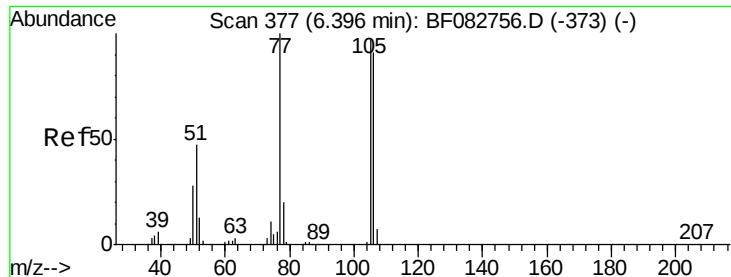
Ion Ratio Lower Upper

128 100

130 33.3 13.5 53.5

64 46.2 21.1 61.1





#9

Benzaldehyde

Concen: 47.63 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

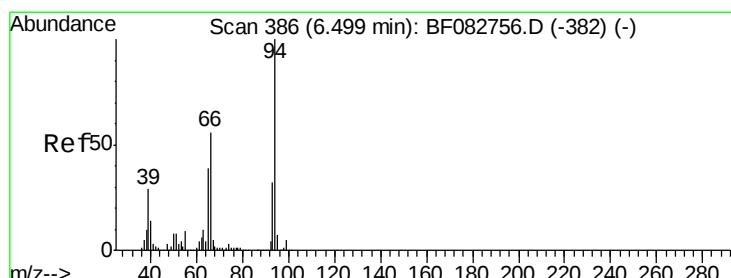
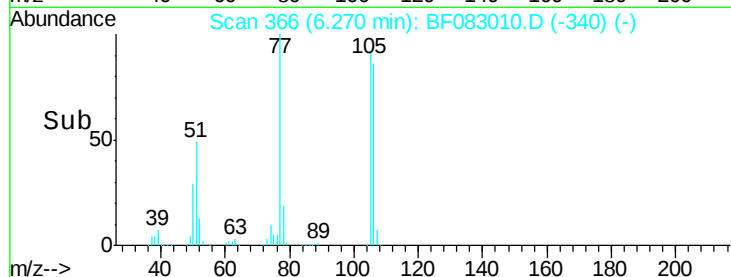
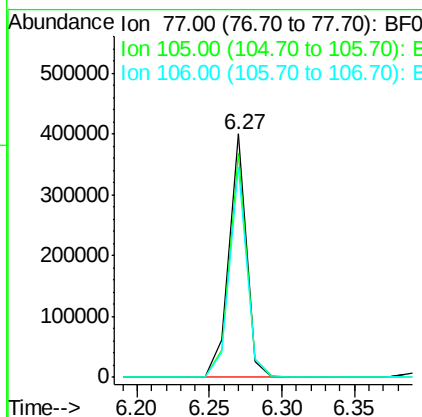
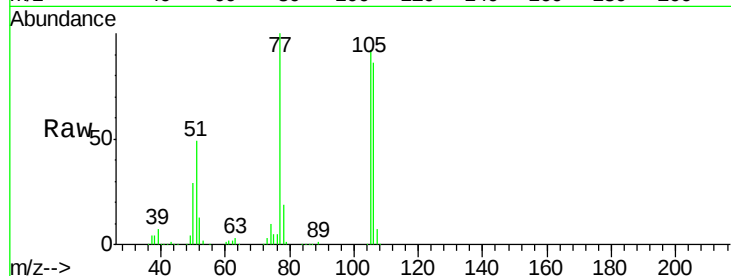
ClientSampleId :

PB86689BS

Tgt Ion:	77	Resp:	334875
Ion Ratio	Lower	Upper	
77	100		
105	92.1	63.5	103.5
106	86.5	59.3	99.3

Manual Integrations
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11/19/2015 6:44:42 PM



#10

Phenol

Concen: 29.71 ng

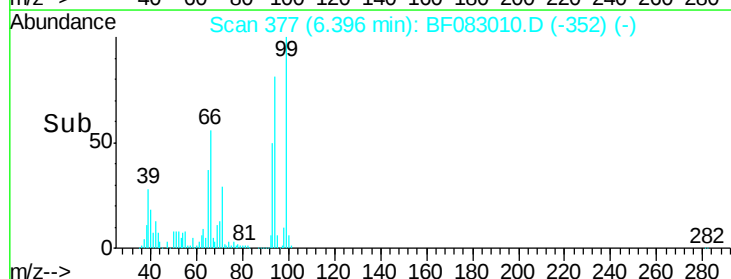
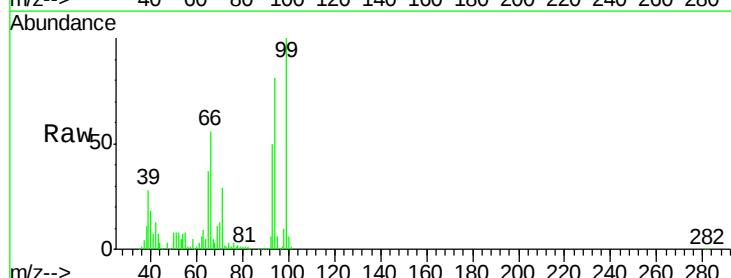
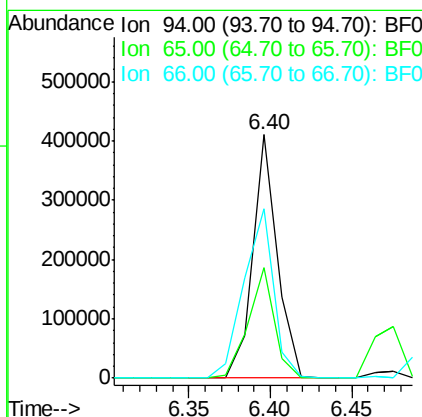
RT: 6.40 min Scan# 377

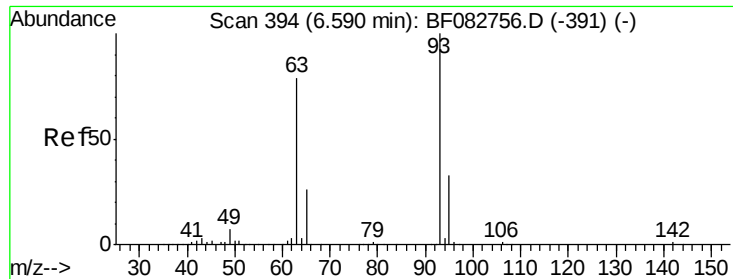
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	94	Resp:	429068
Ion Ratio	Lower	Upper	
94	100		
65	45.5	18.9	58.9
66	69.4	34.9	74.9





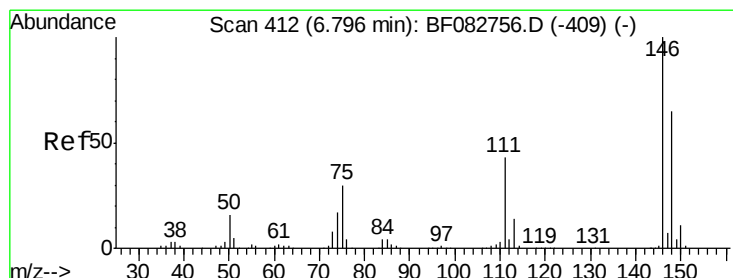
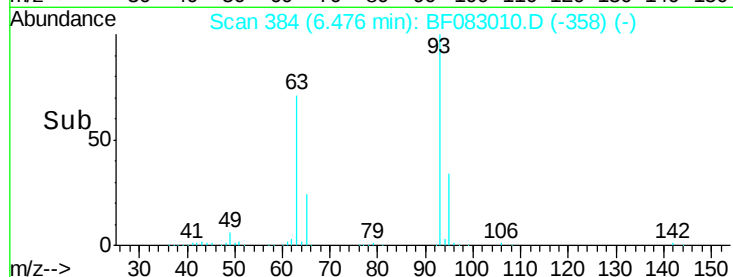
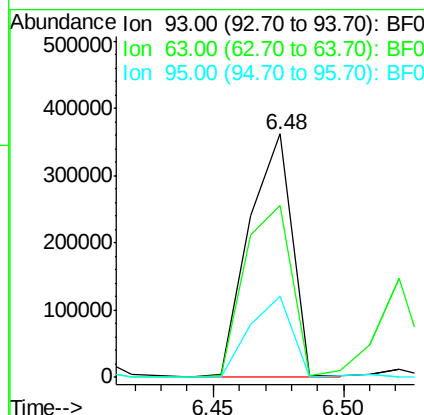
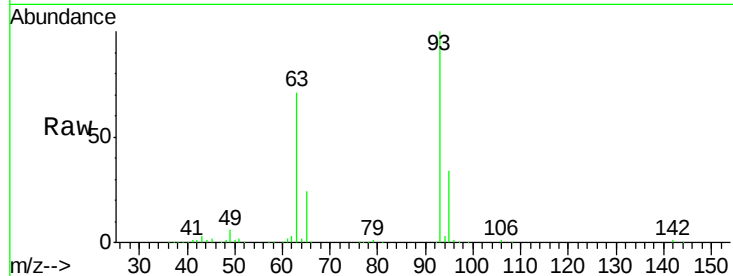
#11
bis(2-Chloroethyl)ether
Concen: 38.84 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.8	72.7	112.7#
95	33.6	12.0	52.0

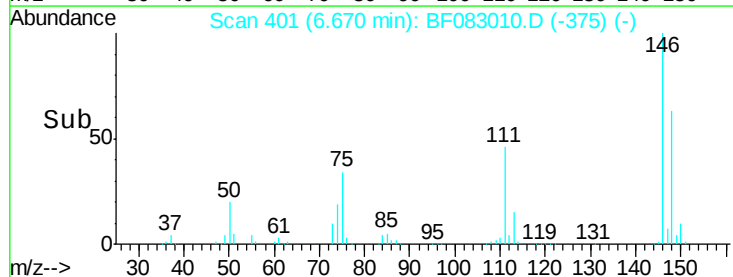
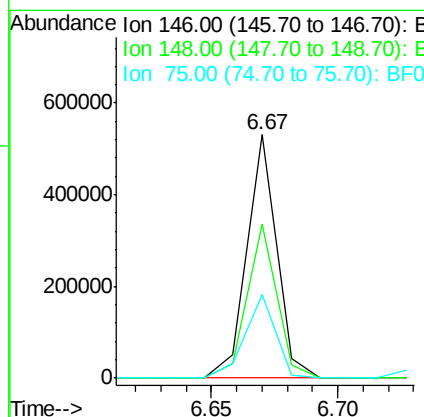
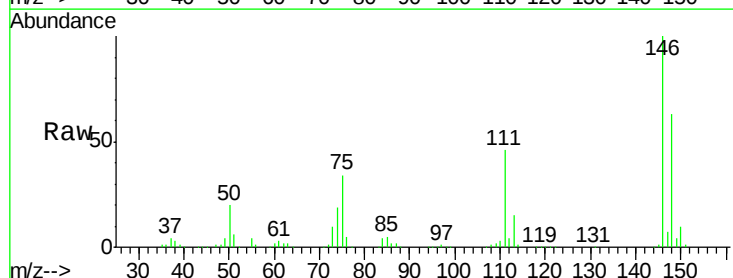
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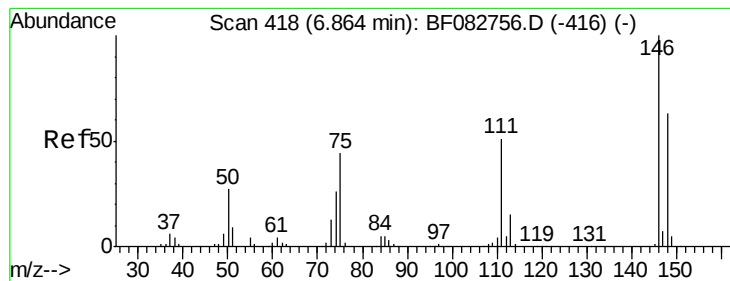
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 35.90 ng m
RT: 6.67 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
75	34.4	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF083010.D

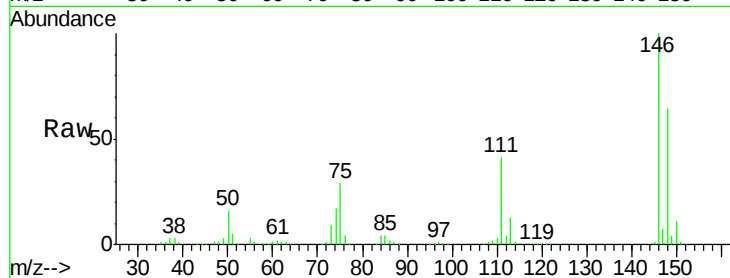
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

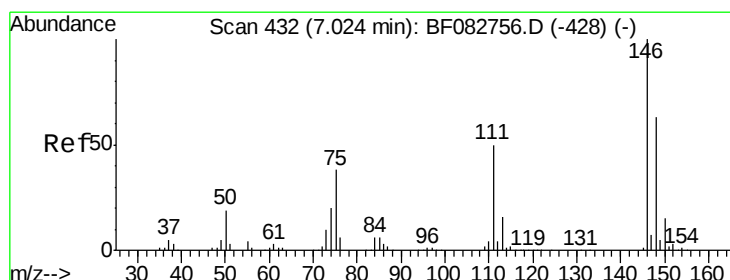
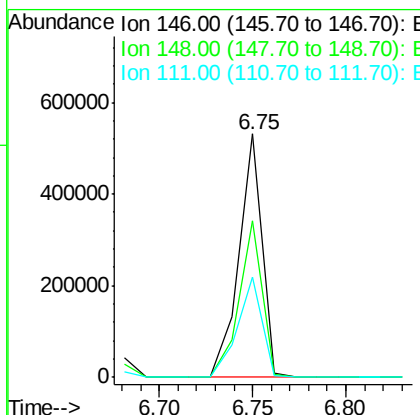
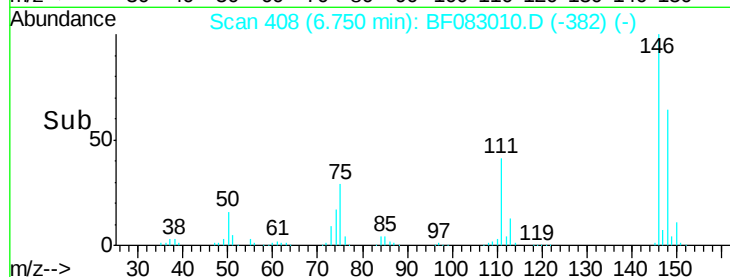
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Tgt Ion:	146	Resp:	460963
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	41.1	40.6	60.8

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#14

1,2-Dichlorobenzene

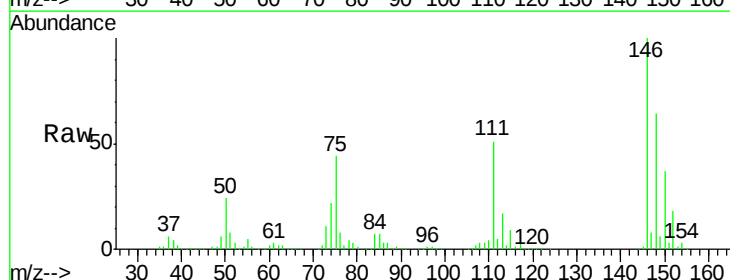
Concen: 33.35 ng

RT: 6.90 min Scan# 421

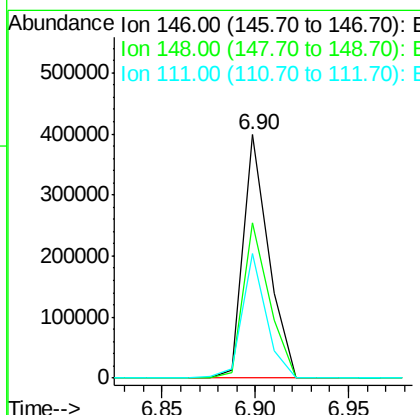
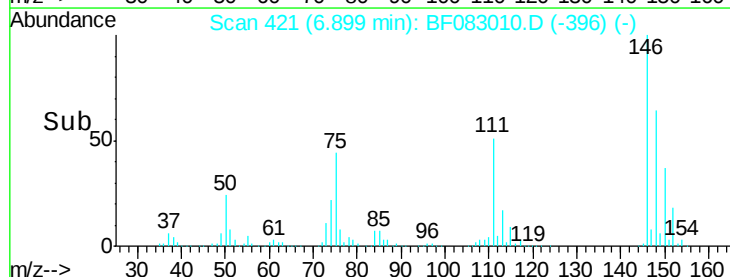
Delta R.T. -0.01 min

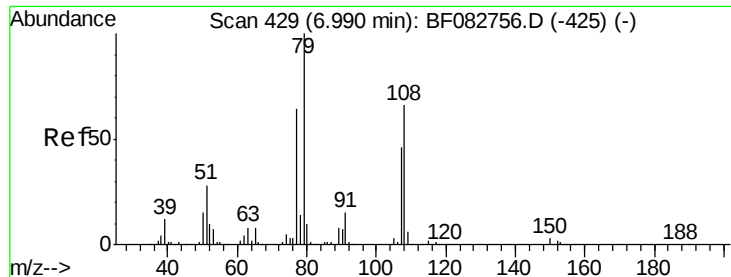
Lab File: BF083010.D

Acq: 18 Nov 2015 15:07



Tgt Ion:	146	Resp:	377696
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.4
111	51.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 35.26 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

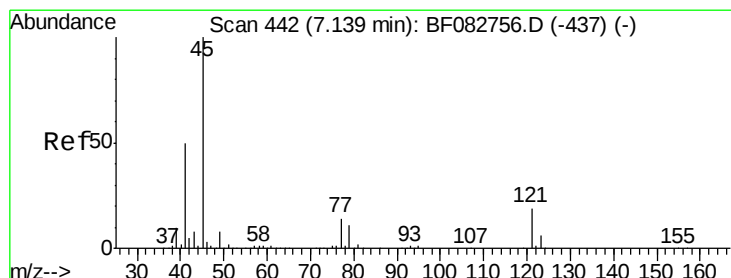
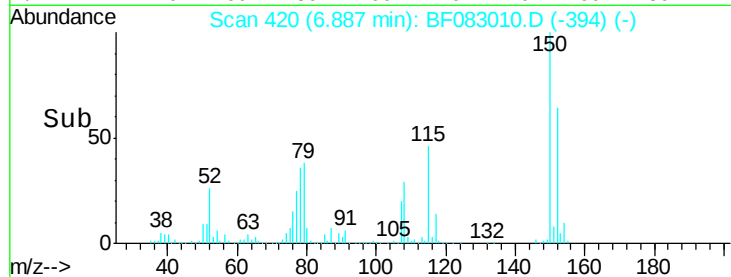
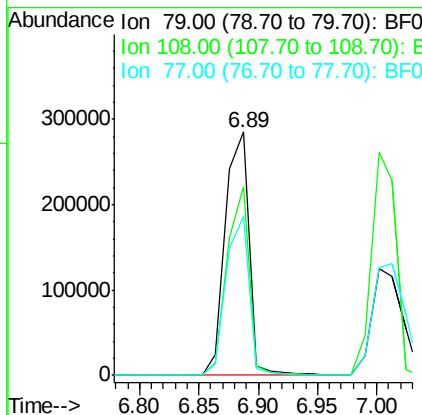
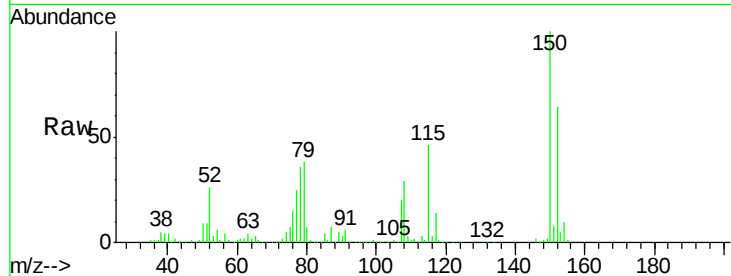
ClientSampleId :

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Tgt Ion:	79	Resp:	394092
Ion Ratio	Lower	Upper	
79	100		
108	77.2	52.2	78.4
77	65.1	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.90 ng

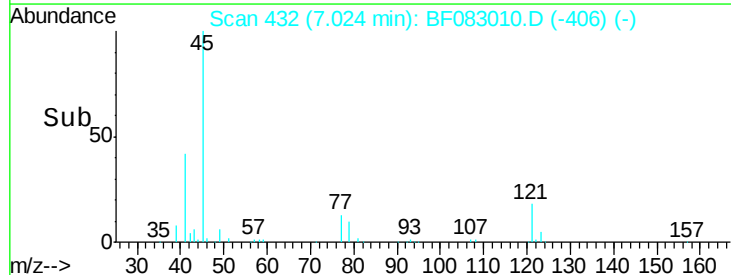
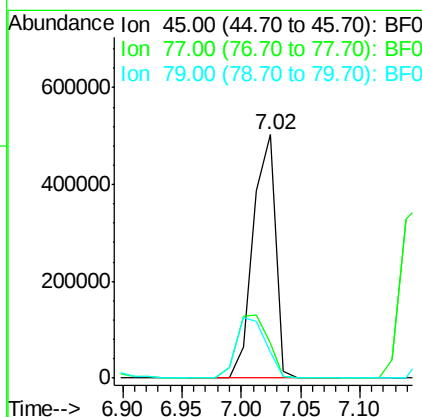
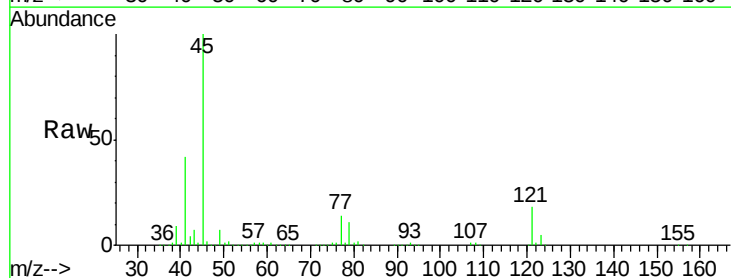
RT: 7.02 min Scan# 432

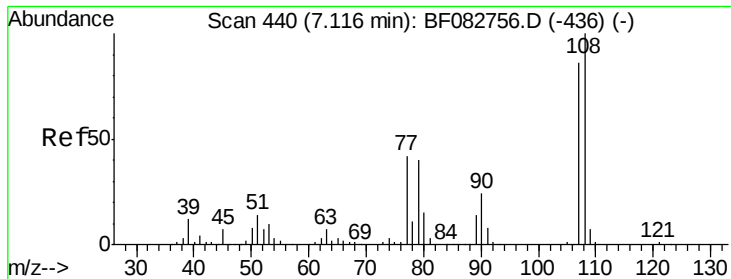
Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	45	Resp:	663676
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	32.6
79	10.8	0.0	29.2





#17

2-Methylphenol

Concen: 35.33 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

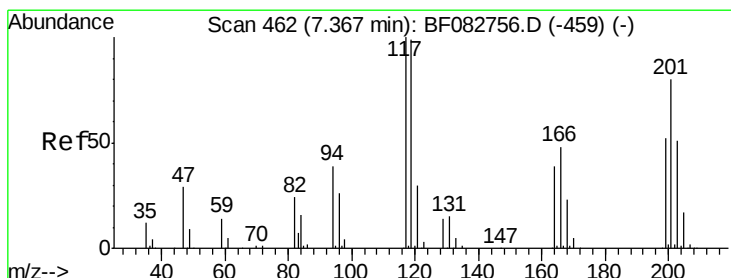
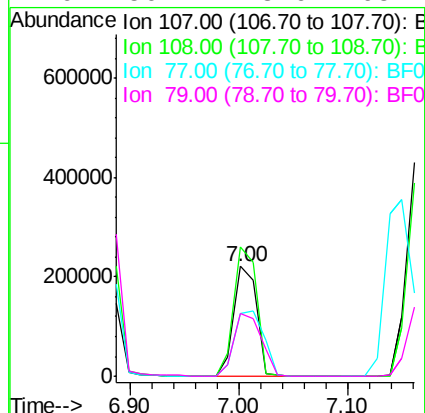
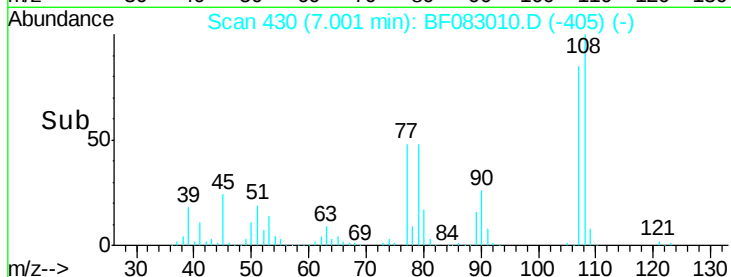
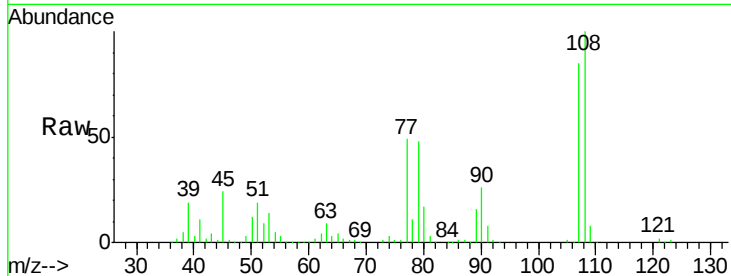
ClientSampleId :

PB86689BS

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Tgt Ion:	107	Resp:	317575
Ion Ratio	Lower	Upper	
107	100		
108	118.0	93.0	139.4
77	57.3	44.1	66.1
79	56.7	43.6	65.4



#18

Hexachloroethane

Concen: 34.20 ng

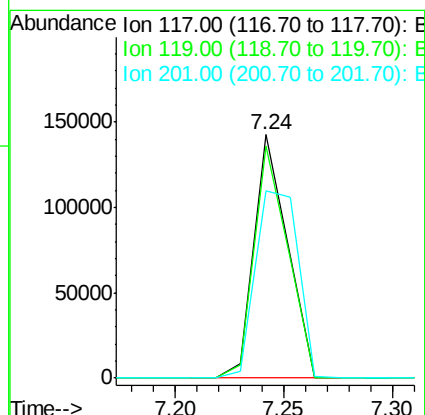
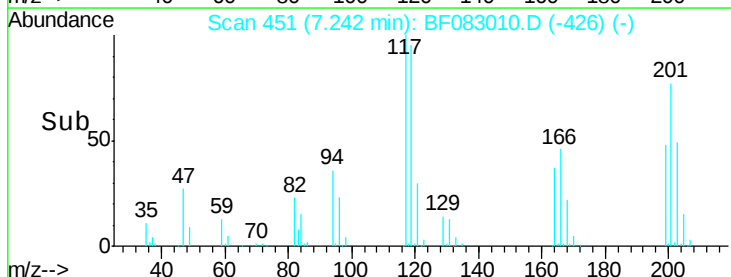
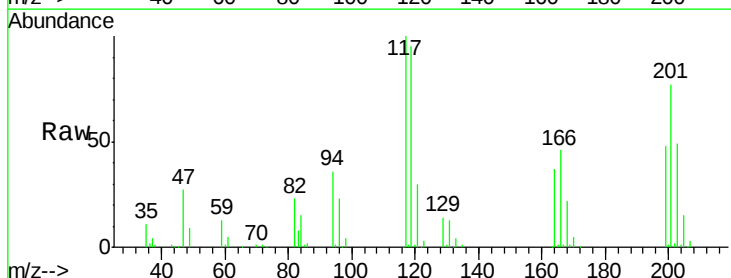
RT: 7.24 min Scan# 451

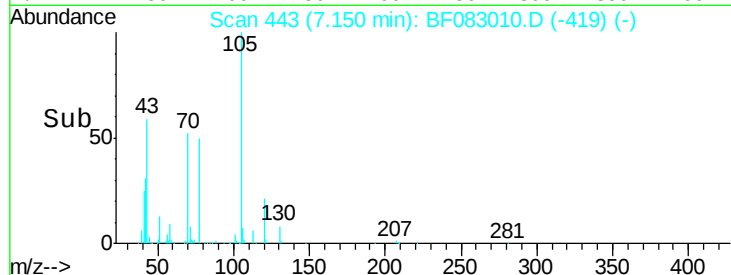
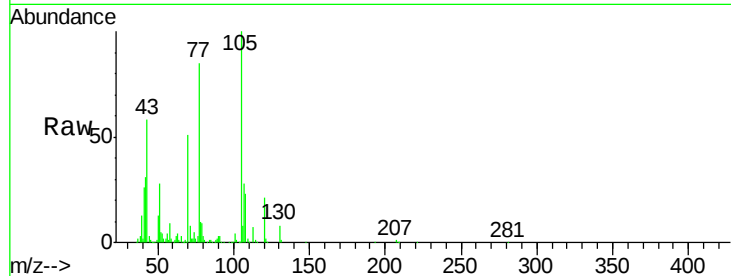
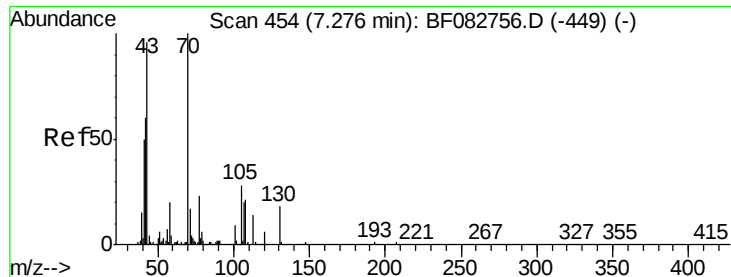
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	117	Resp:	152317
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.7	116.5
201	76.9	66.7	100.1





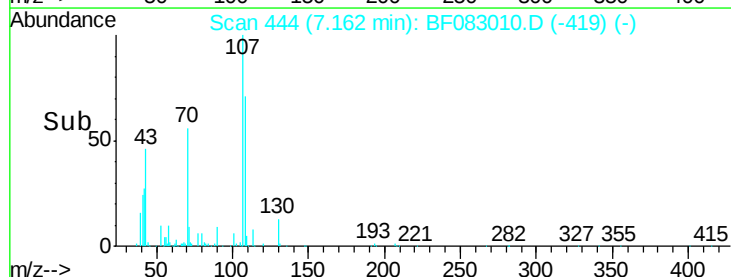
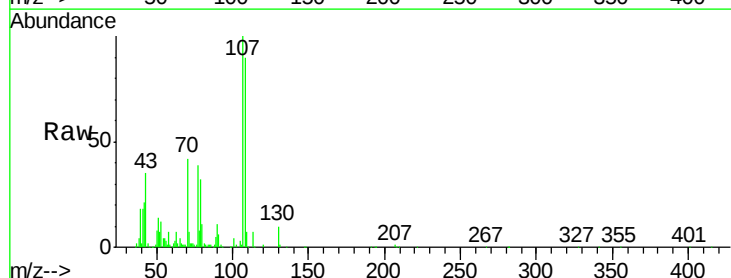
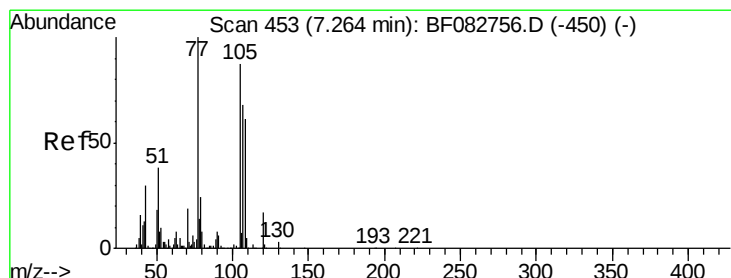
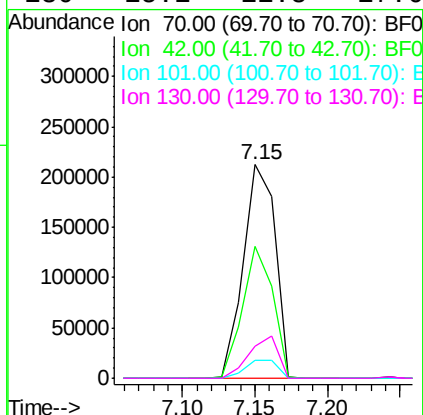
#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

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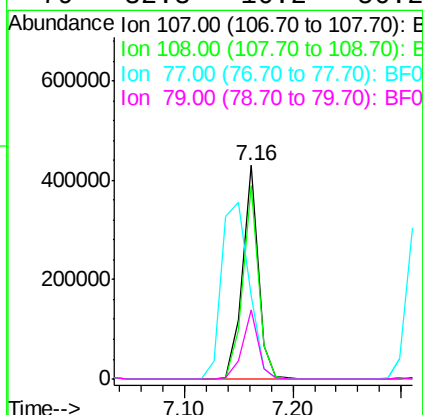
Mmdadoda
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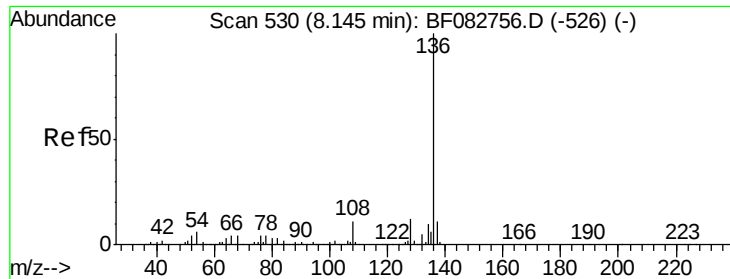
Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.5	57.7	86.5
101	8.3	7.0	10.6
130	15.1	11.8	17.6



#20
3+4-Methylphenols
Concen: 36.73 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.3	107.3
77	39.0	100.3	140.3#
79	32.3	16.2	56.2





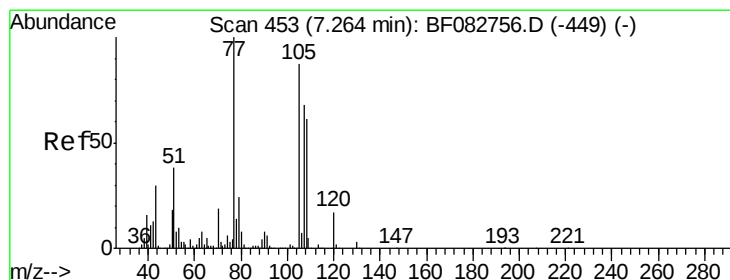
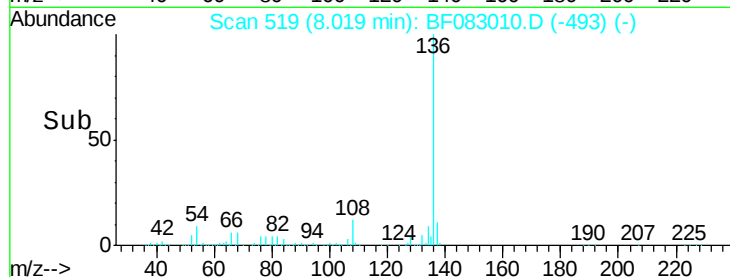
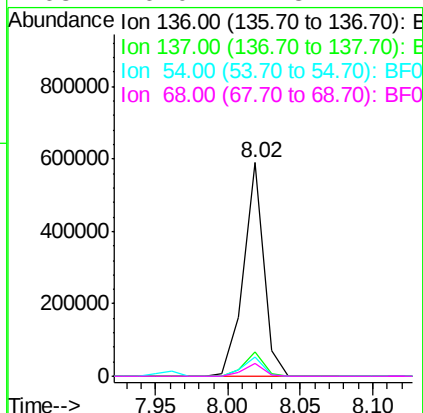
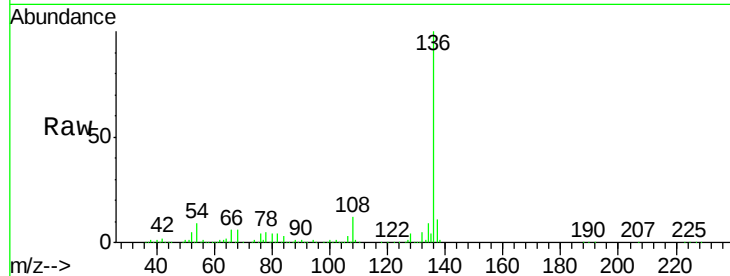
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	568465		
137	11.3	9.1	13.7	
54	9.2	9.1	13.7	
68	6.0	4.8	7.2	

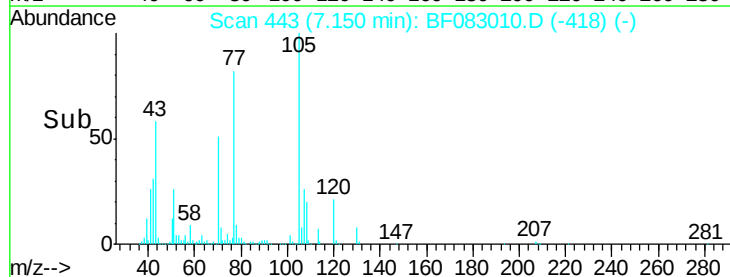
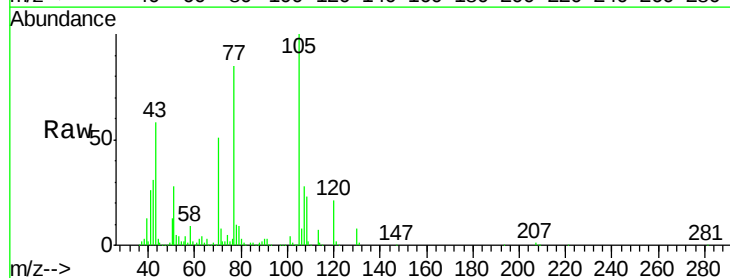
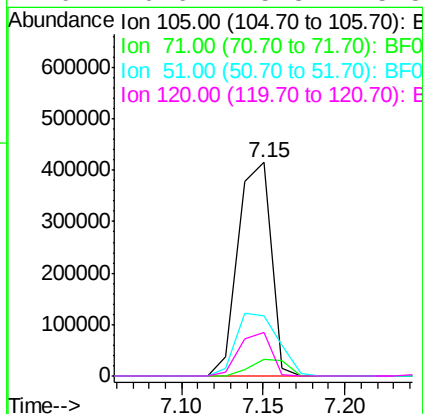
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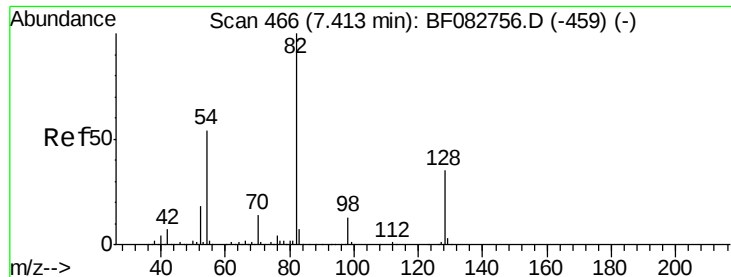
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#22
Acetophenone
Concen: 35.63 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580384		
71	8.1	5.6	8.4	
51	28.3	24.9	37.3	
120	20.6	15.8	23.8	





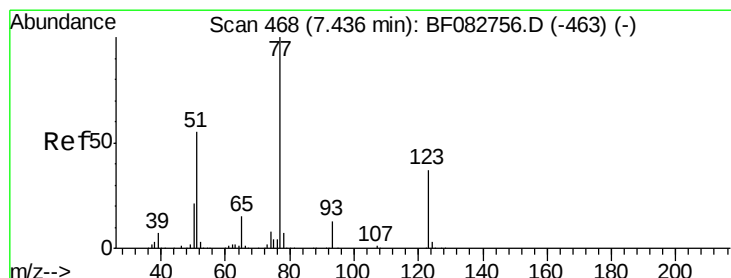
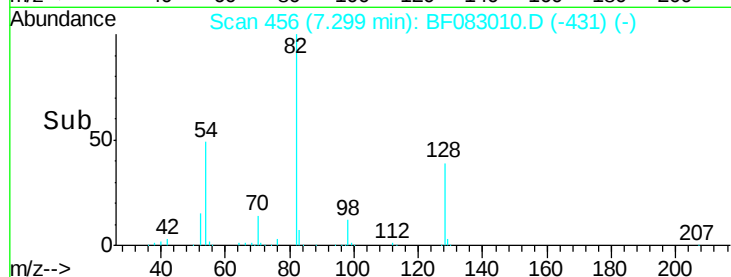
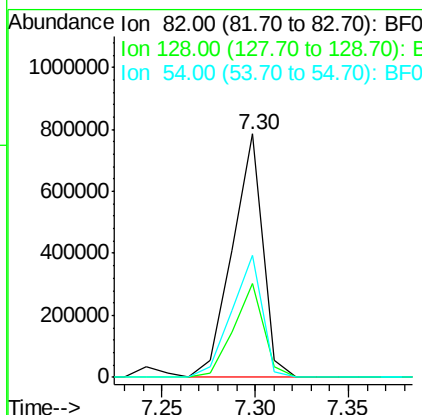
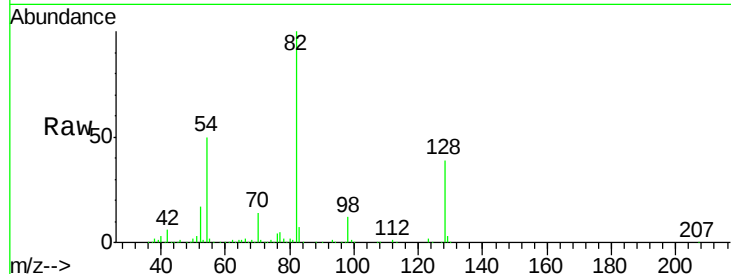
#23
 Nitrobenzene-d5
 Concen: 68.47 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.8	40.2
54	50.2	45.7	68.5

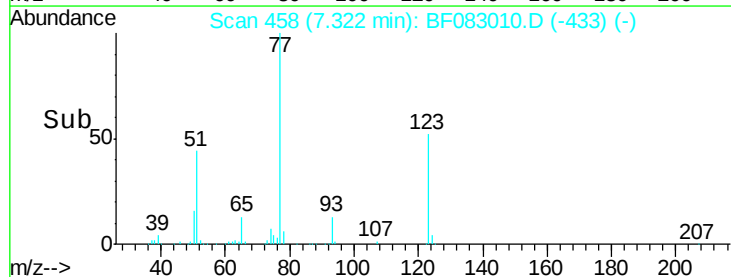
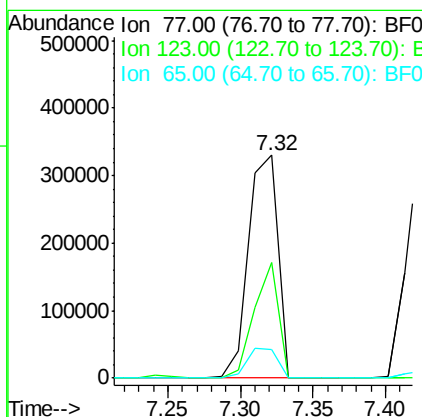
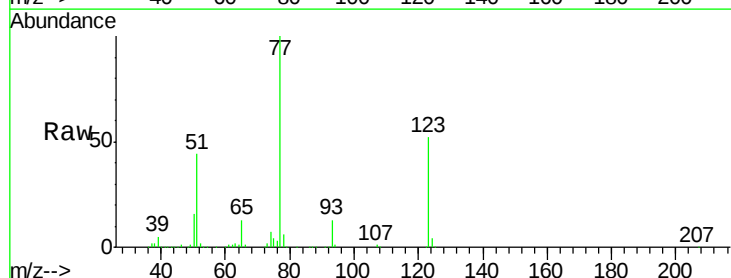
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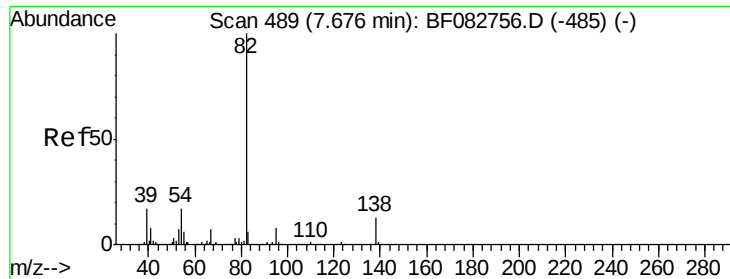
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#24
 Nitrobenzene
 Concen: 34.88 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	36.4	54.6
65	13.1	11.5	17.3





#25

Isophorone

Concen: 35.28 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083010.D

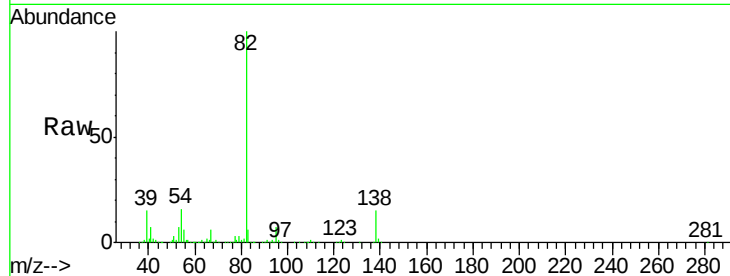
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

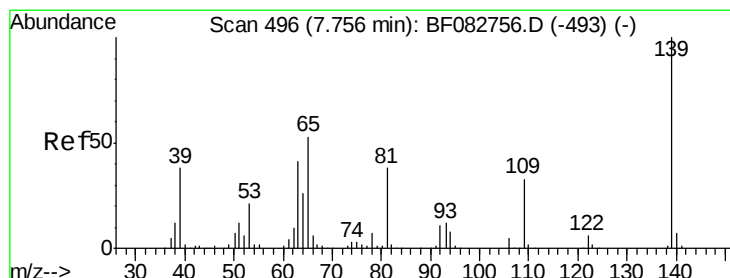
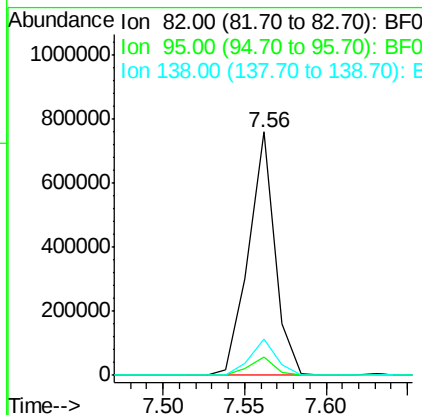
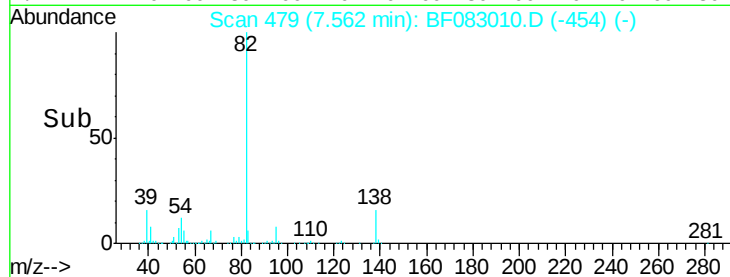
PB86689BS



Tgt Ion:	82	Resp:	852894
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.6	9.8
138	14.6	11.4	17.0

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#26

2-Nitrophenol

Concen: 36.15 ng

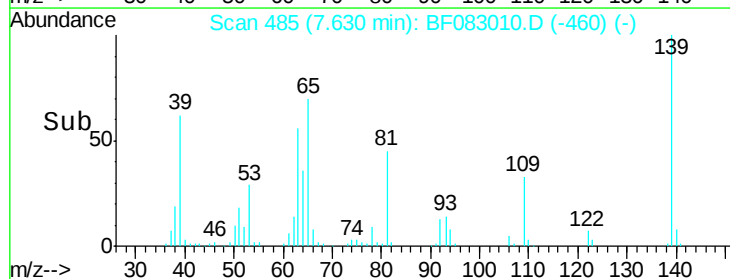
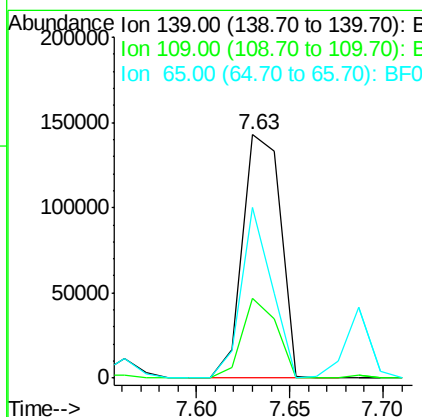
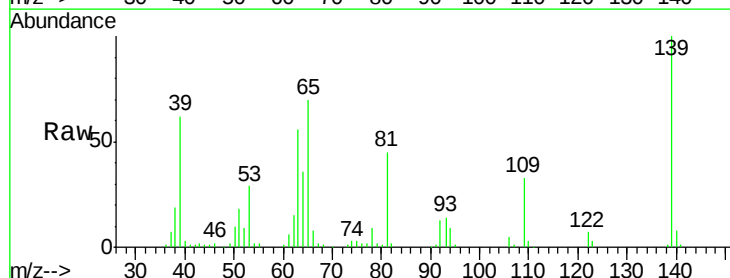
RT: 7.63 min Scan# 485

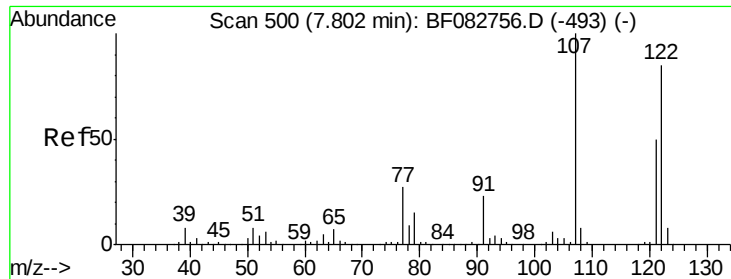
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

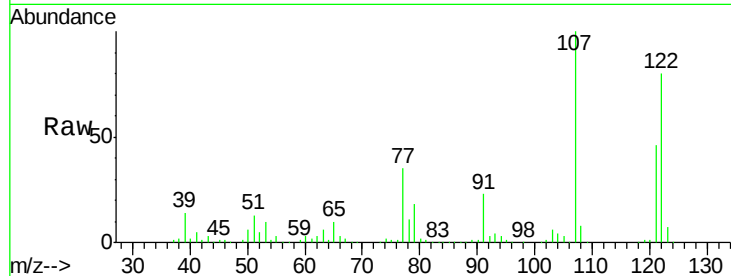
Tgt Ion:	139	Resp:	201612
Ion Ratio	Lower	Upper	
139	100		
109	32.7	37.6	56.4#
65	69.9	70.6	105.8#





#27
 2,4-Dimethylphenol
 Concen: 34.16 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

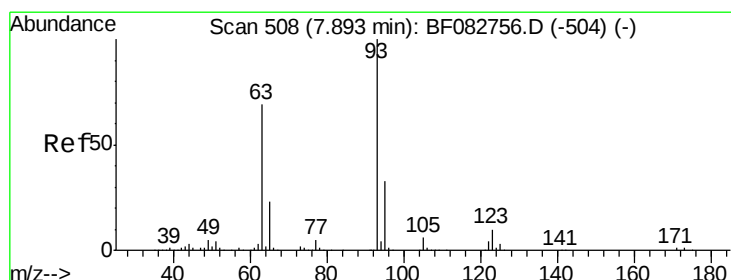
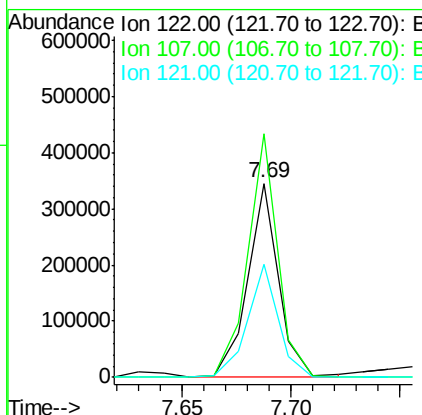
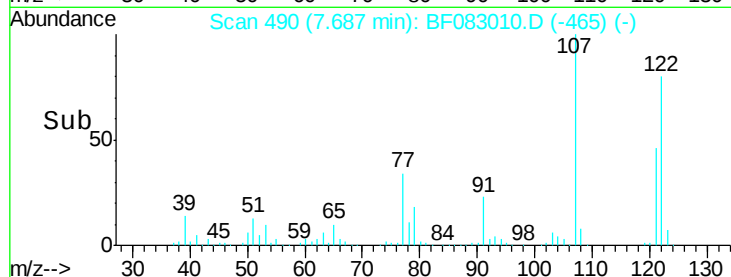
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	342292		
107	125.5	106.0	159.0	
121	58.2	46.7	70.1	

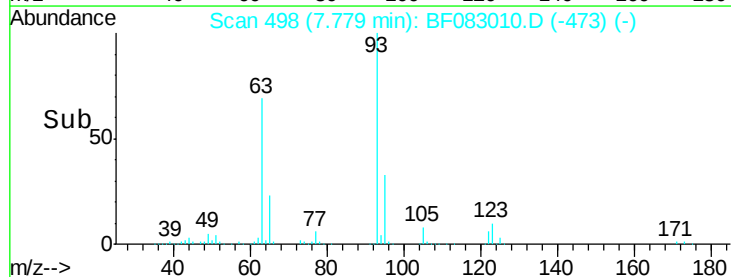
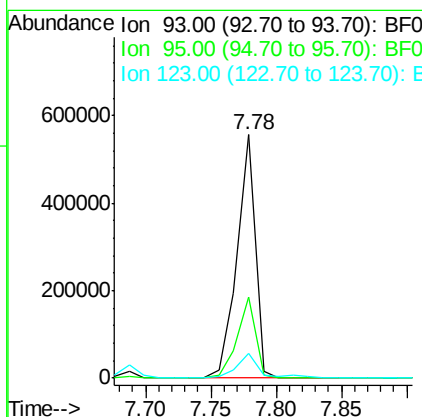
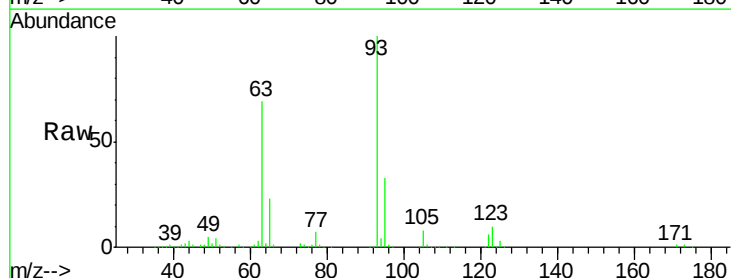
Manual Integrations
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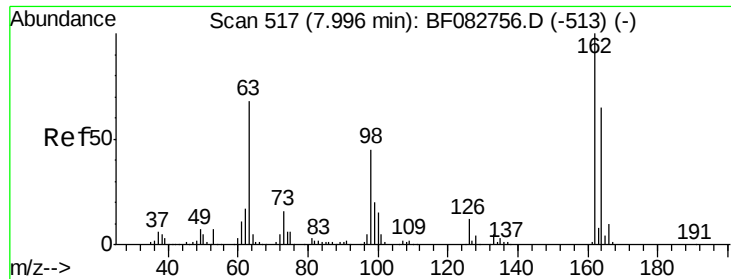
Mmdadoda
 11/19/2015 6:44:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.63 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540372		
95	33.2	26.6	40.0	
123	10.2	9.7	14.5	





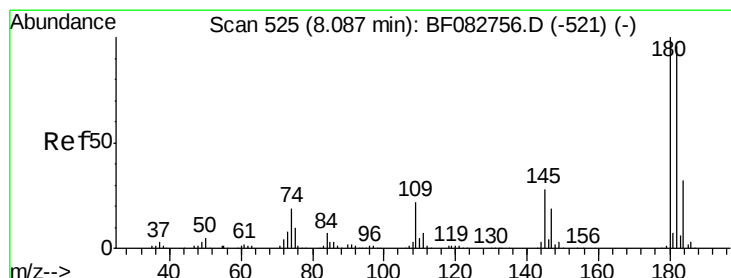
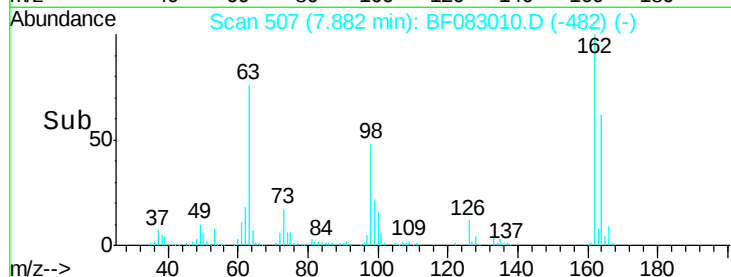
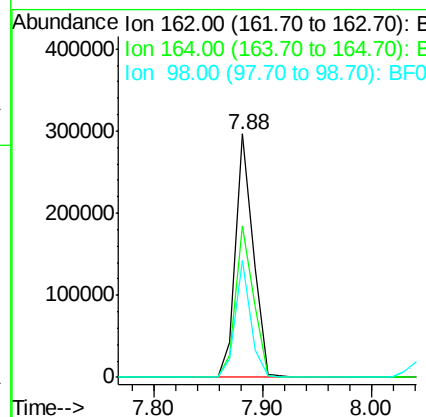
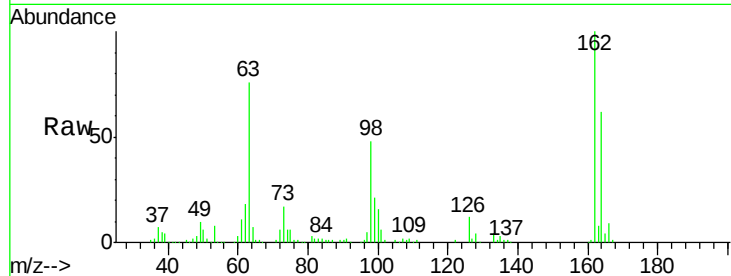
#29
2,4-Dichlorophenol
Concen: 36.29 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion:	162	Resp:	328641
Ion Ratio	Lower	Upper	
162	100		
164	62.5	46.8	86.8
98	47.9	12.5	52.5

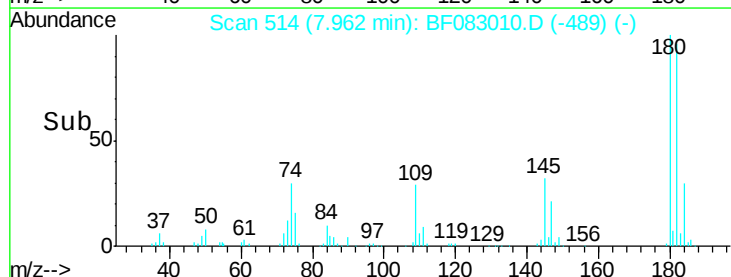
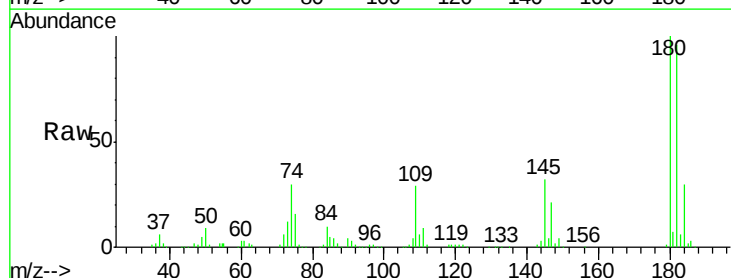
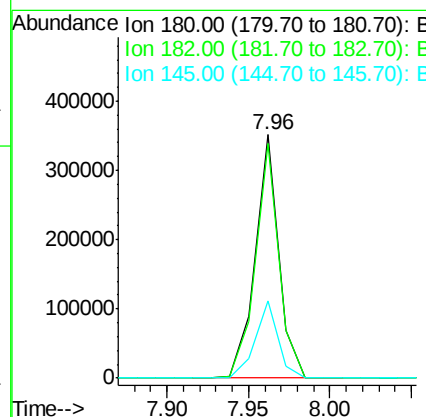
Manual Integrations
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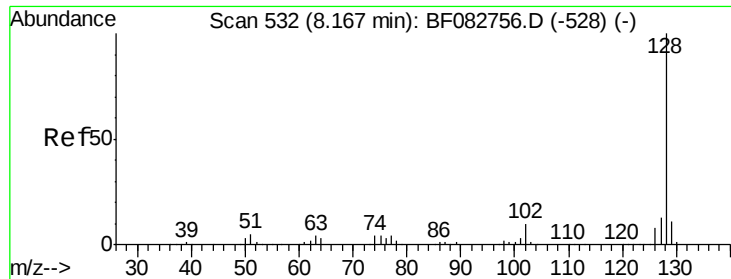
Mmdadoda
11/19/2015 6:44:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.53 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:	180	Resp:	351707
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.9	112.3
145	31.9	27.8	41.8





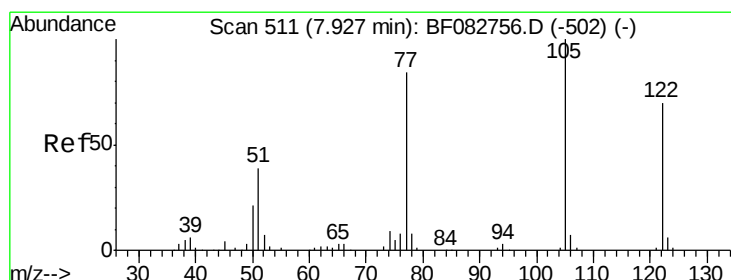
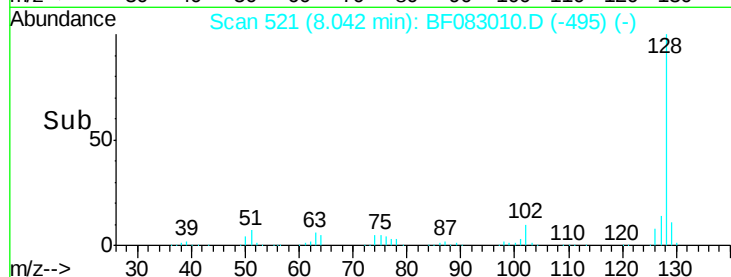
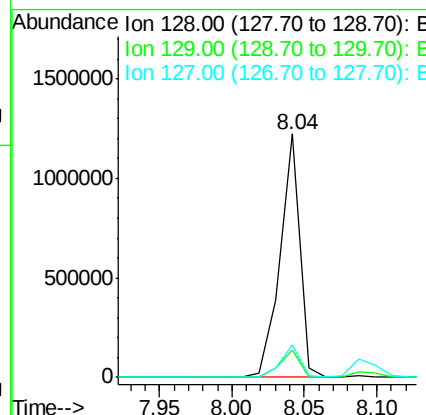
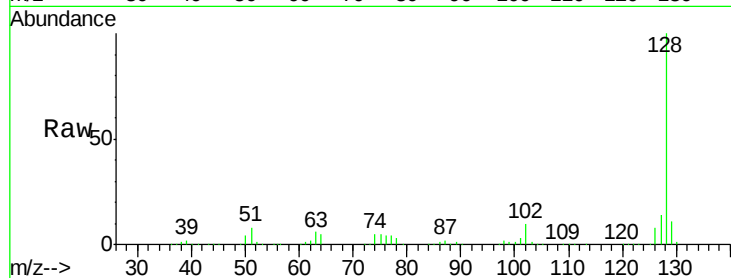
#31
Naphthalene
Concen: 36.76 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion:128 Resp: 1152882
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 11.4 17.0

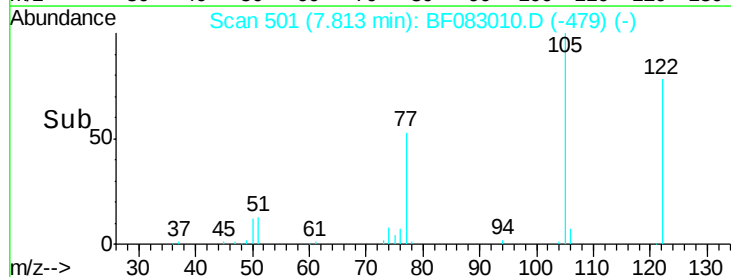
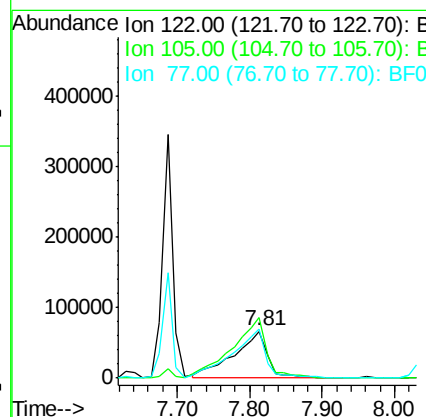
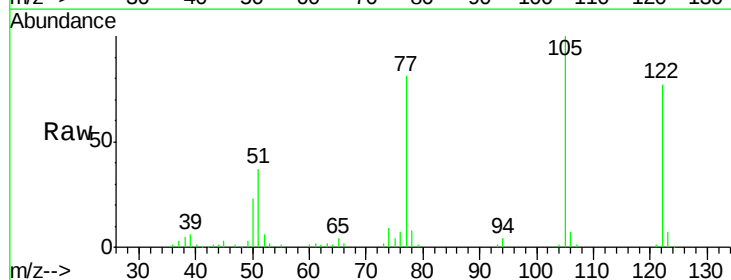
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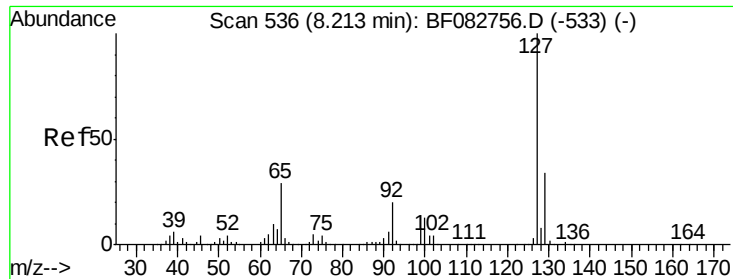
Mmdadoda
11/19/2015 6:44:42 PM



#32
Benzoic acid
Concen: 31.38 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:122 Resp: 215283
Ion Ratio Lower Upper
122 100
105 129.6 122.6 162.6
77 104.3 100.9 140.9





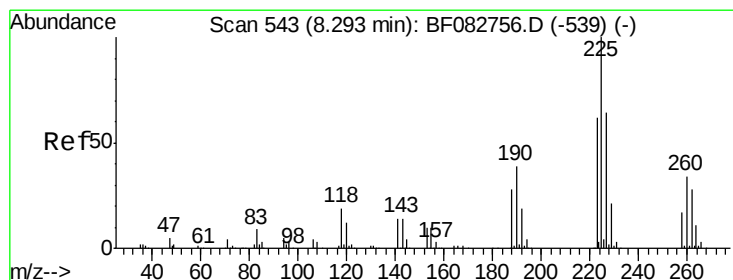
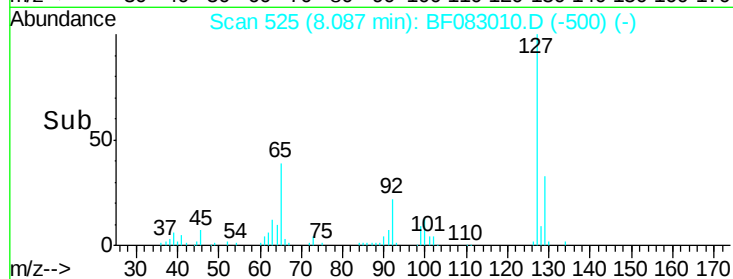
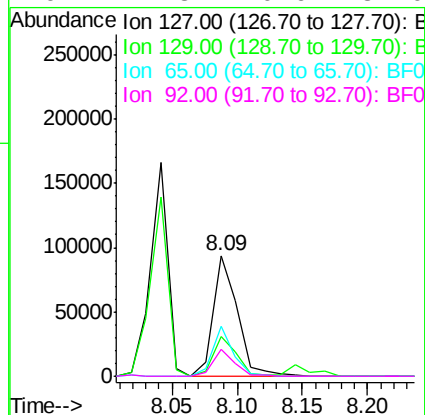
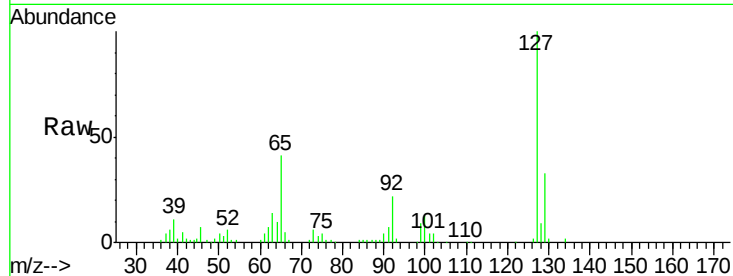
#33
4-Chloroaniline
Concen: 9.02 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	121940		
129	33.0	26.3	39.5	
65	41.3	37.8	56.8	
92	22.3	20.6	31.0	

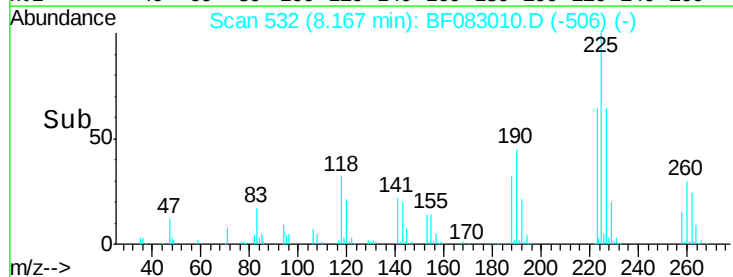
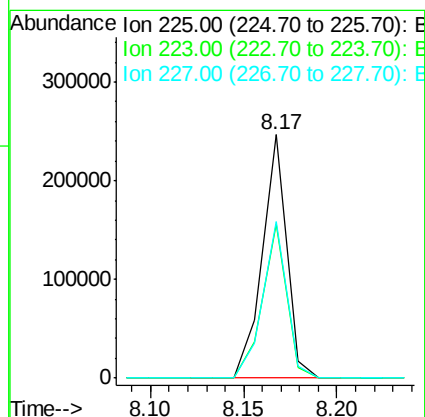
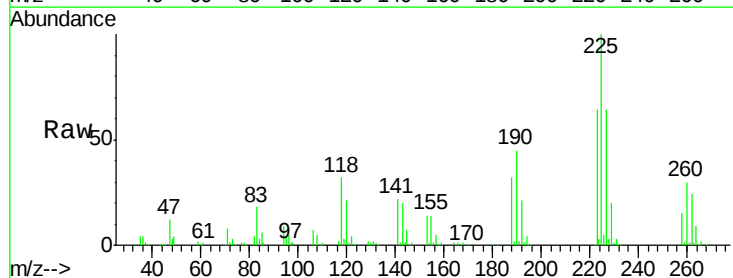
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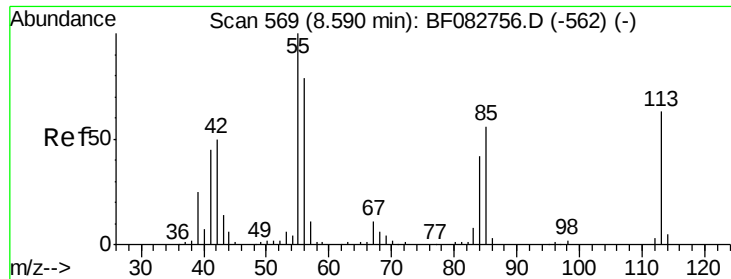
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 34.85 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	222115		
223	63.5	50.5	75.7	
227	64.2	50.2	75.2	





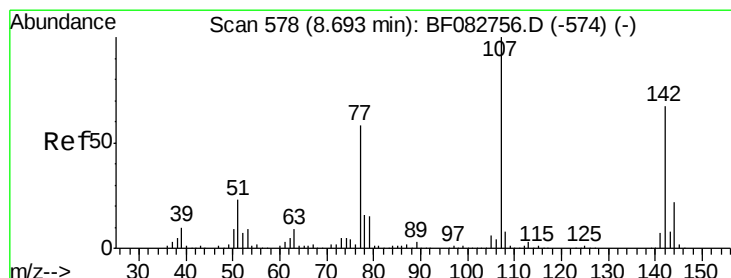
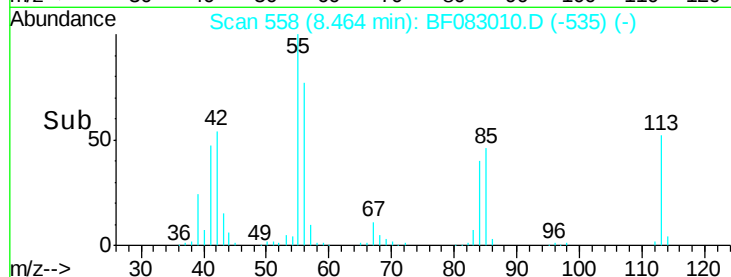
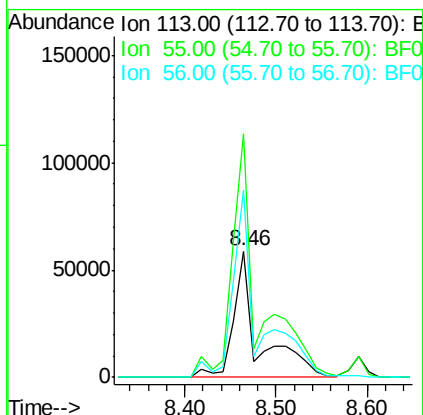
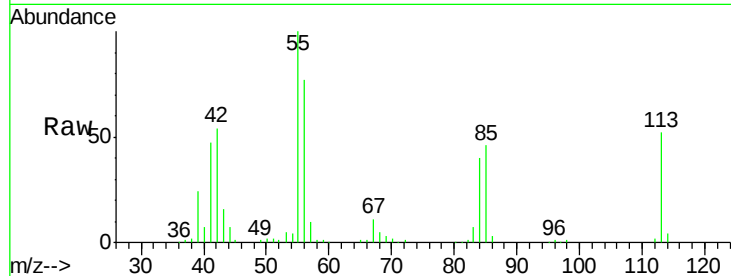
#35
 Caprolactam
 Concen: 39.43 ng m
 RT: 8.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	192.8	195.5	235.5#	
56	148.5	153.5	193.5#	

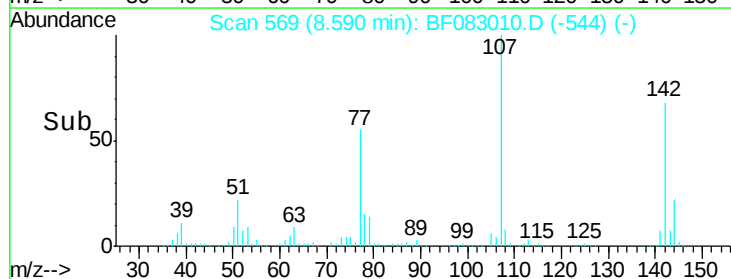
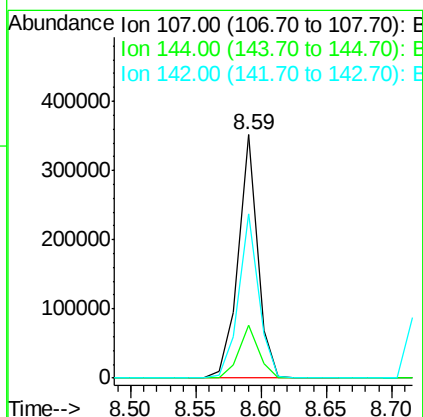
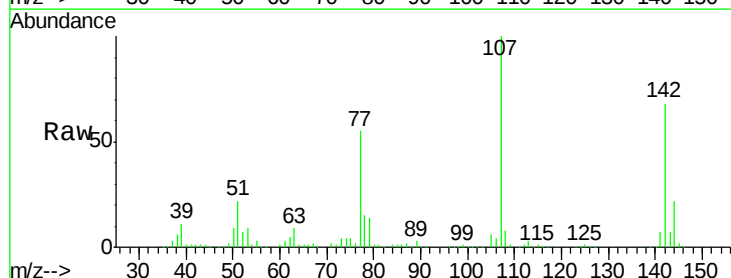
Manual Integrations
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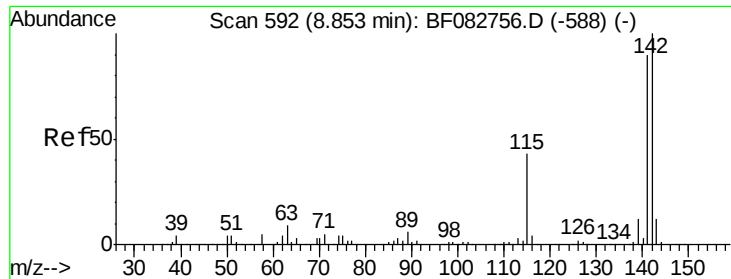
Mmdadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 34.29 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

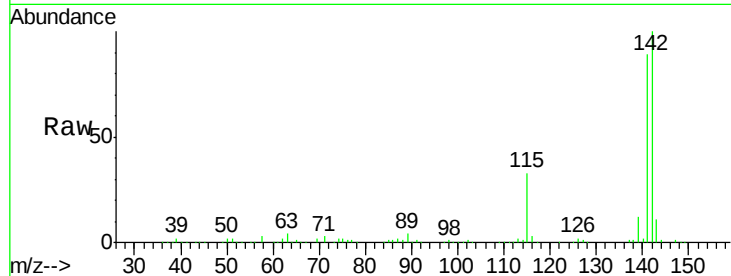
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.6	15.4	23.0	
142	67.6	47.8	71.8	





#37
2-Methylnaphthalene
Concen: 36.44 ng m
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

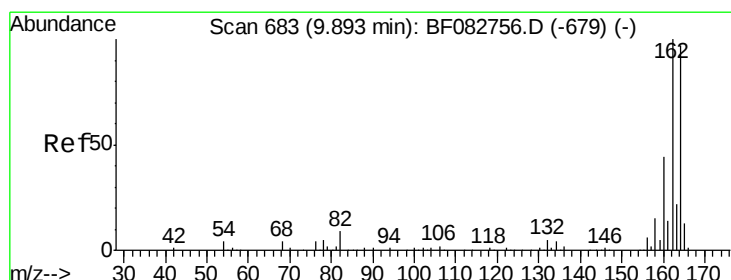
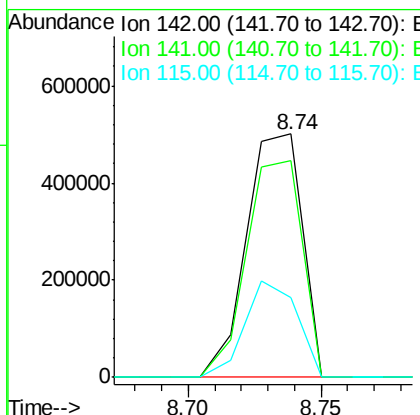
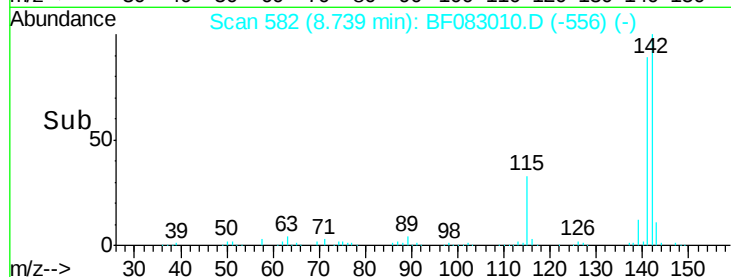
Instrument :
BNA_F
ClientSampleId :
PB86689BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	32.5	38.1	57.1#

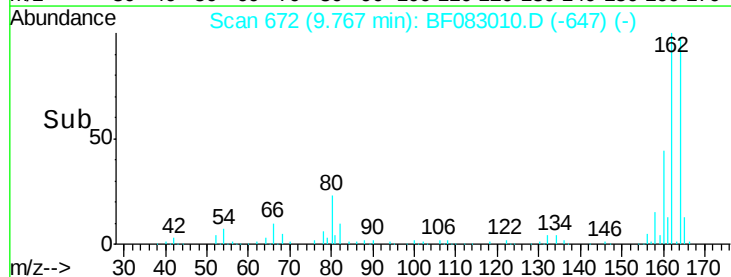
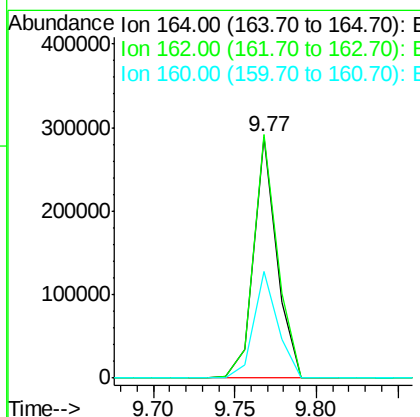
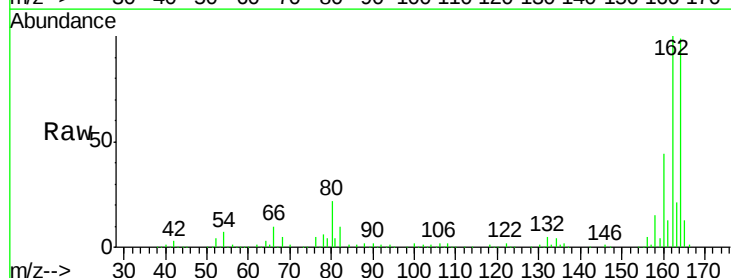
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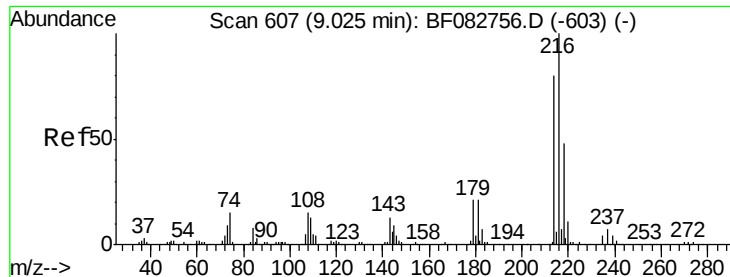
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	84.9	127.3
160	44.0	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.72 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083010.D

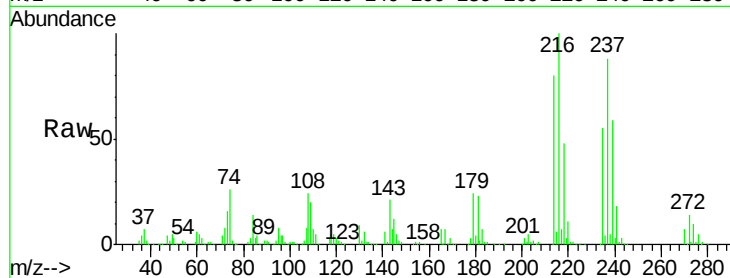
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS



Tgt Ion: 216 Resp: 317122

Ion Ratio Lower Upper

216 100

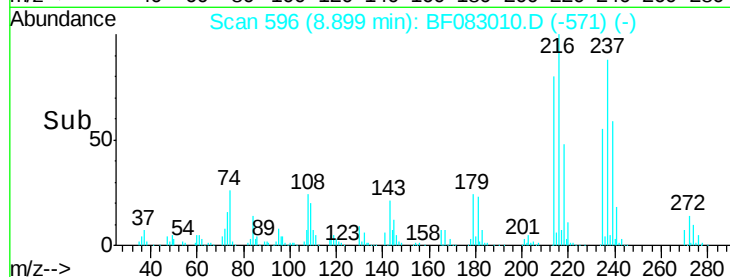
214 78.9 62.2 93.2

179 21.8 18.1 27.1

108 22.7 16.6 25.0

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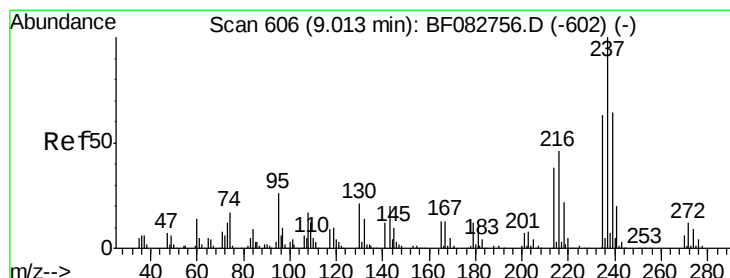
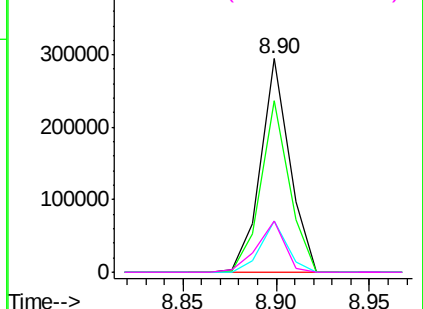


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.80 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

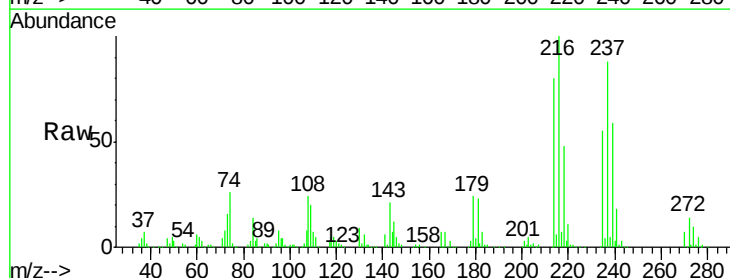
Tgt Ion: 237 Resp: 372816

Ion Ratio Lower Upper

237 100

235 62.9 44.3 84.3

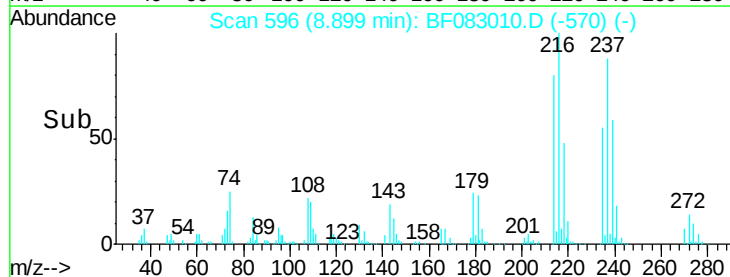
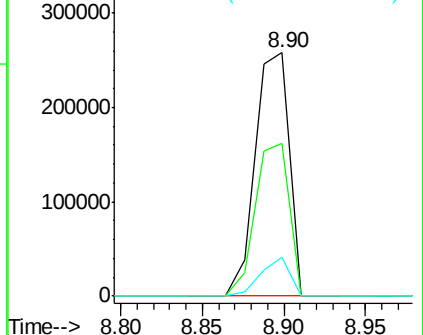
272 16.1 0.0 31.9

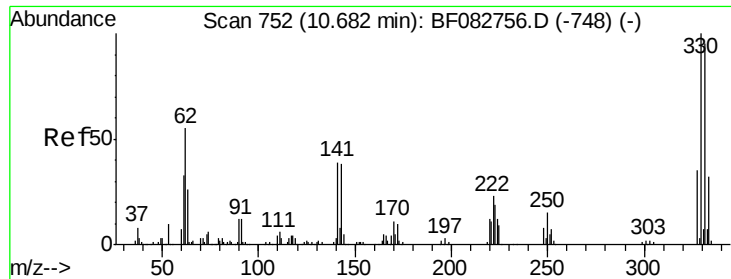


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

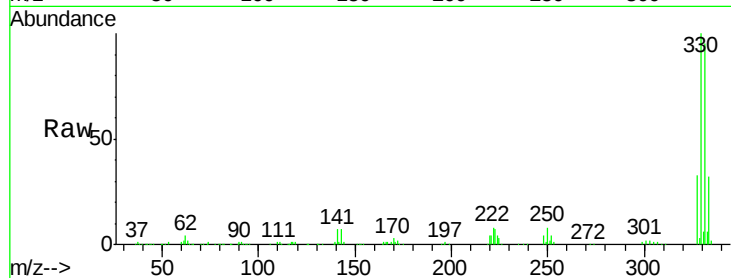
Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 102.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

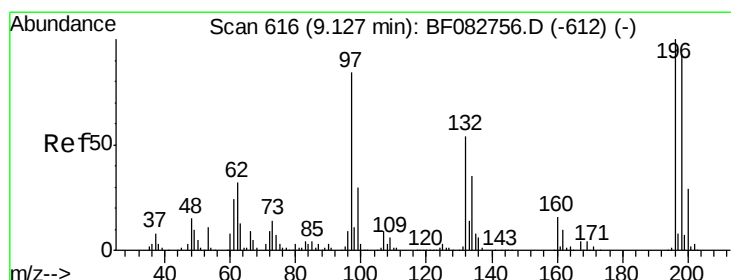
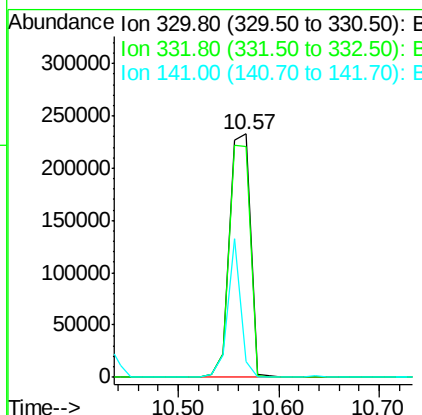
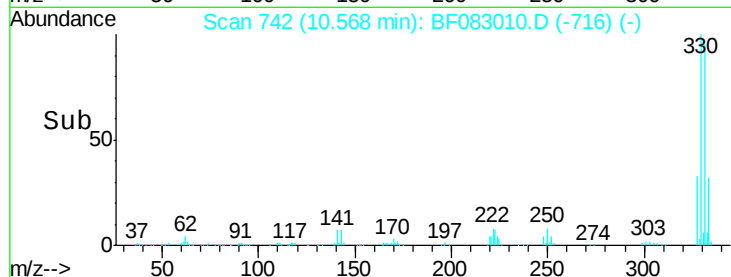
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336575		
332	96.0	76.6	114.8	
141	35.3	41.2	61.8#	

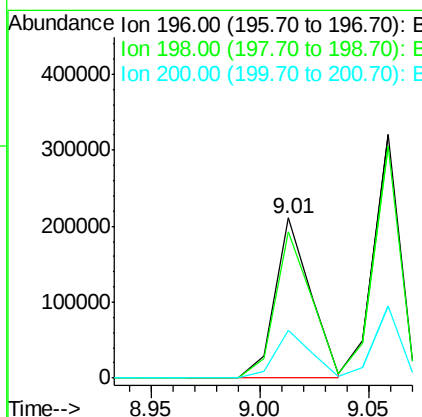
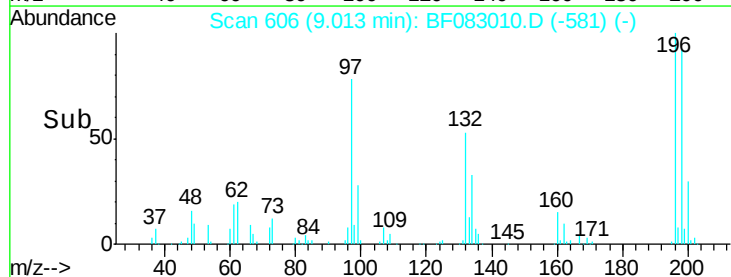
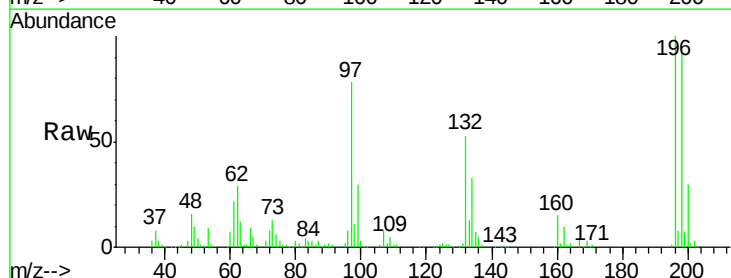
Manual Integrations
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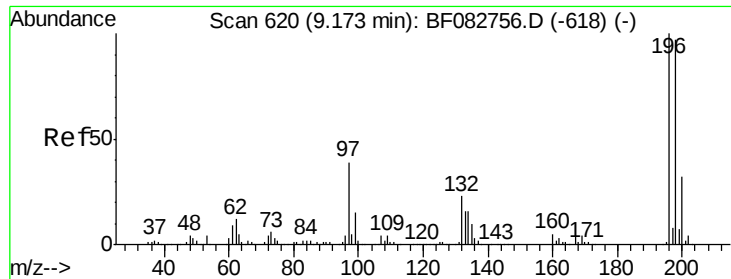
Mmdadoda
 11/19/2015 6:44:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

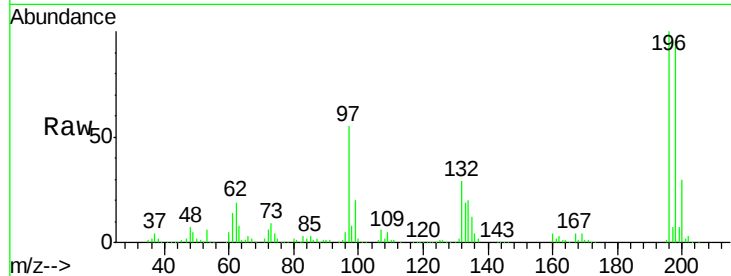
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241590		
198	91.6	76.3	114.5	
200	29.5	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 39.44 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

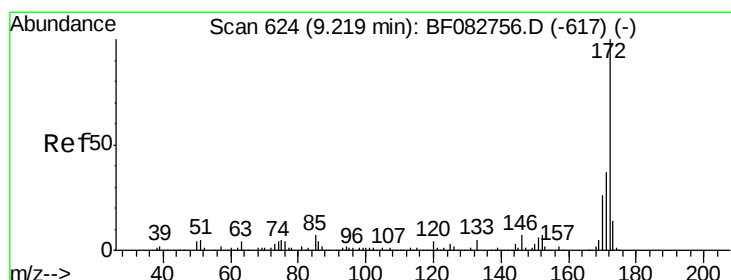
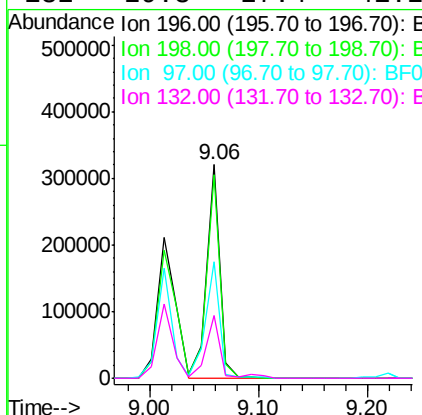
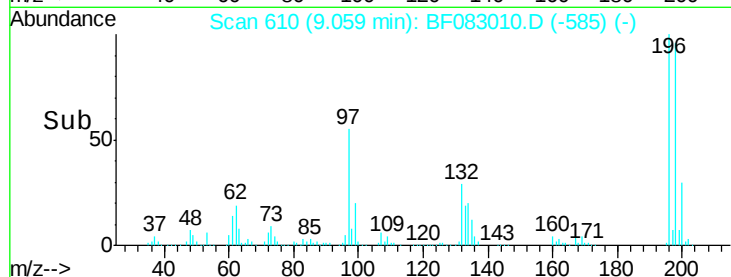
Instrument :
 BNA_F
 ClientSampled :
 PB86689BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	273796		
198	95.5	75.8	113.8	
97	54.6	62.3	93.5	
132	29.3	27.4	41.2	

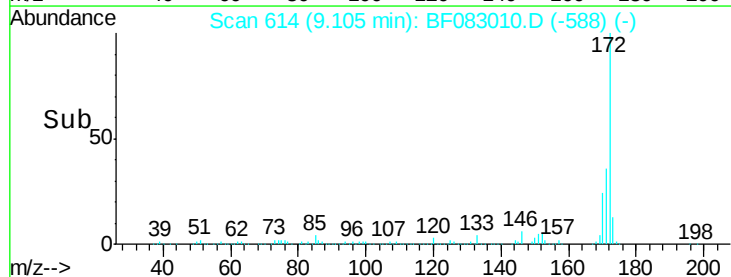
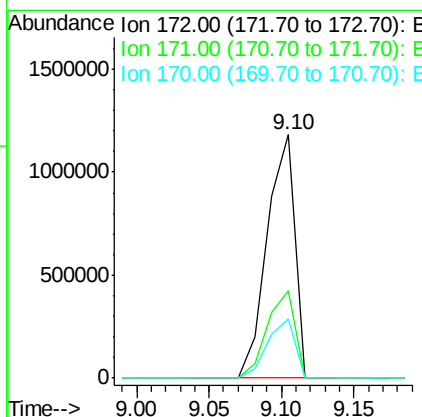
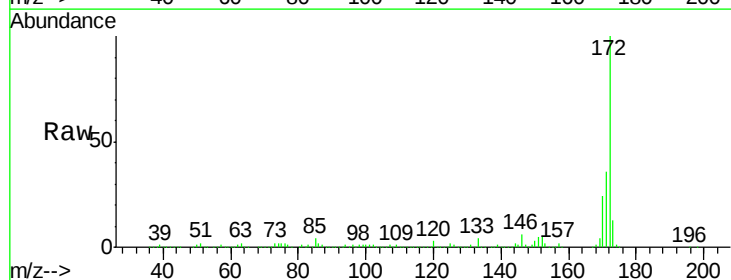
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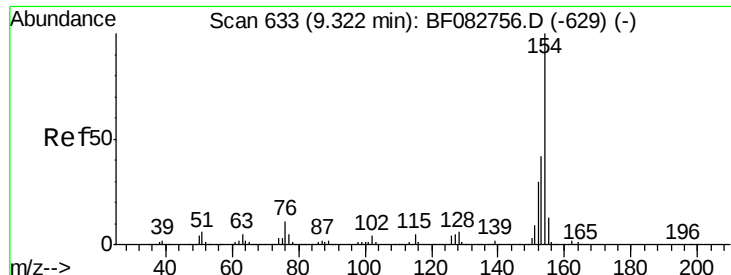
Mmdadoda
 11/19/2015 6:44:42 PM



#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1560606		
171	35.7	30.8	46.2	
170	24.2	21.2	31.8	





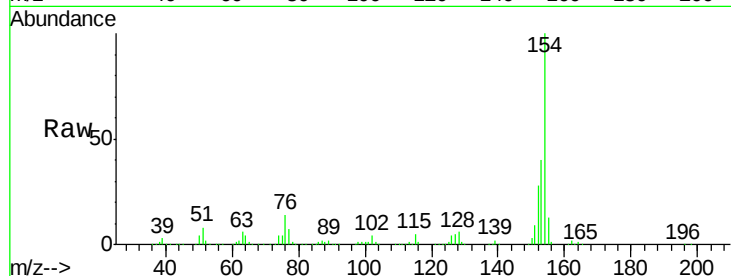
#45
 1,1'-Biphenyl
 Concen: 36.43 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

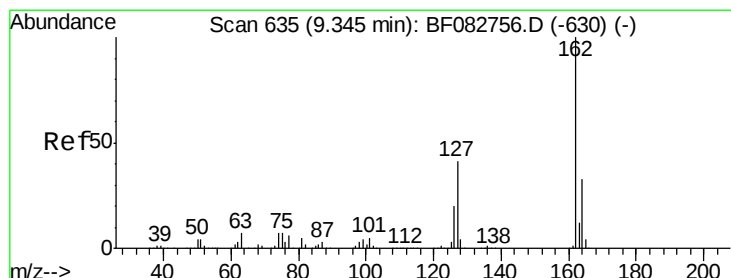
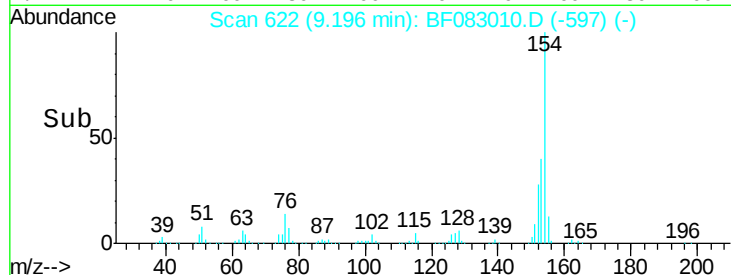
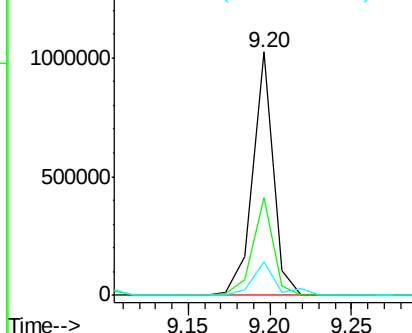
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.0	62.0
76	14.0	0.0	29.0

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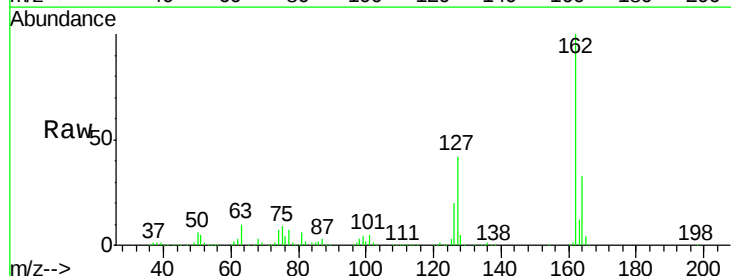


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

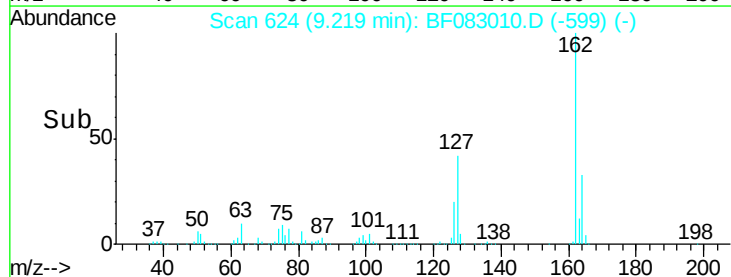
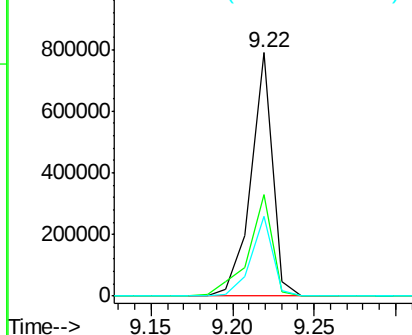


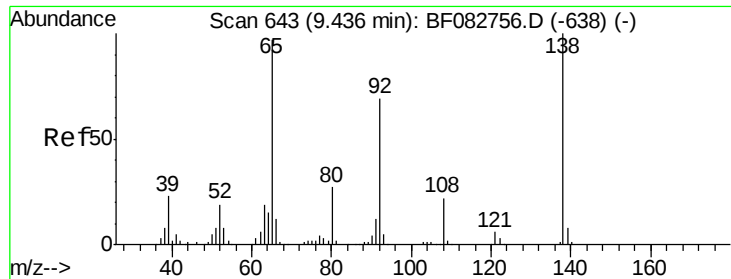
#46
 2-Chloronaphthalene
 Concen: 37.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.7	49.1
164	32.7	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





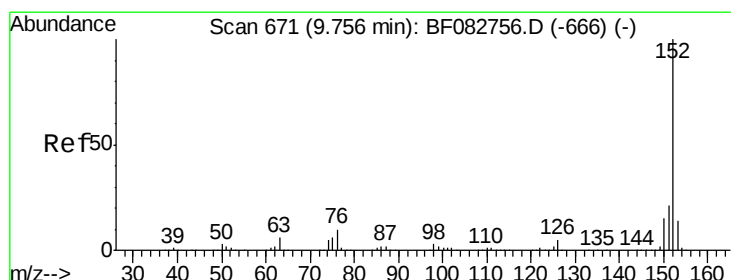
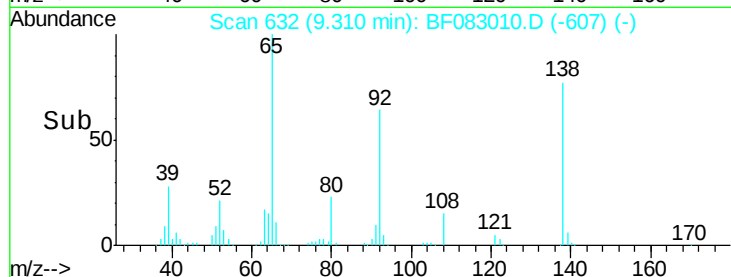
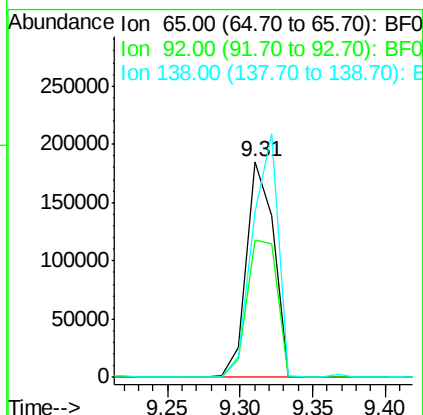
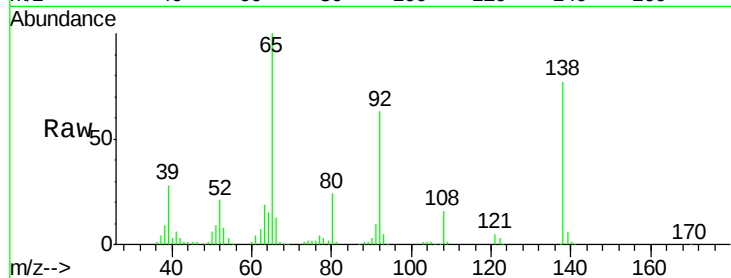
#47
2-Nitroaniline
Concen: 34.02 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	46.6	70.0
138	76.7	54.6	81.8

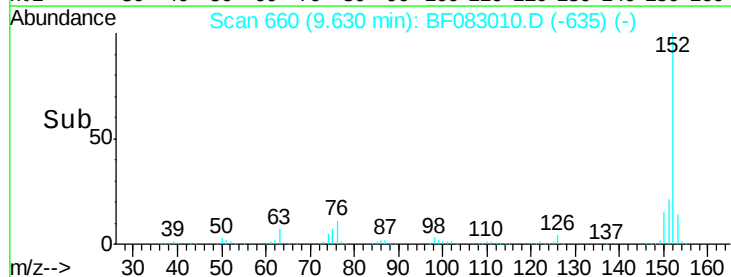
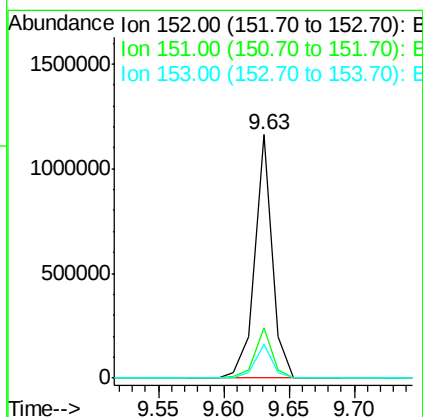
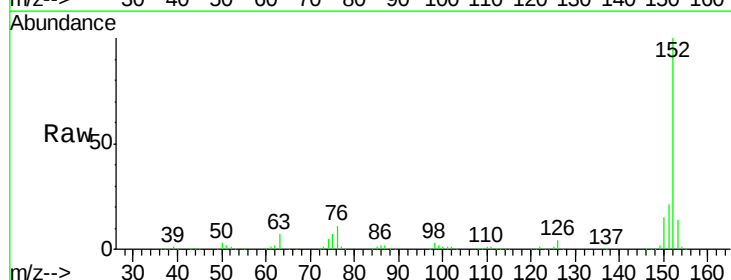
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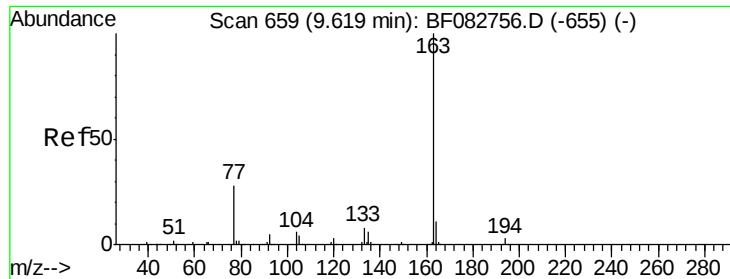
Mmdadoda
11/19/2015 6:44:42 PM



#48
Acenaphthylene
Concen: 36.13 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

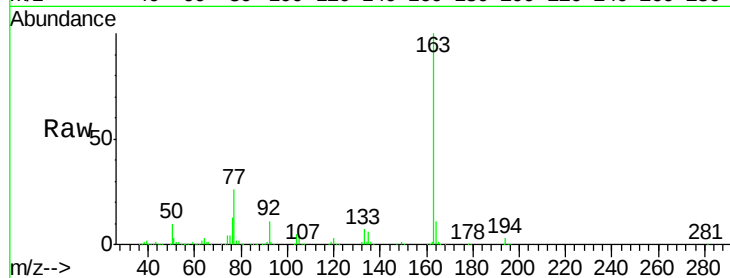
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.3	25.9
153	13.8	11.3	16.9





#49
Dimethylphthalate
Concen: 36.39 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

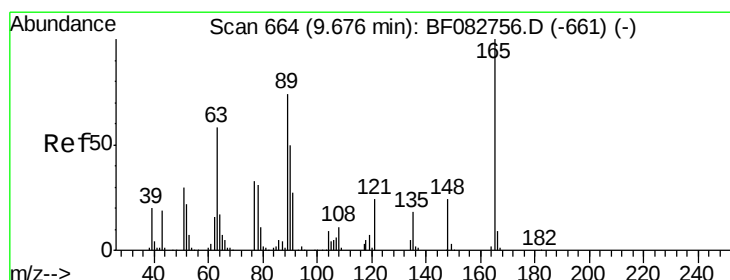
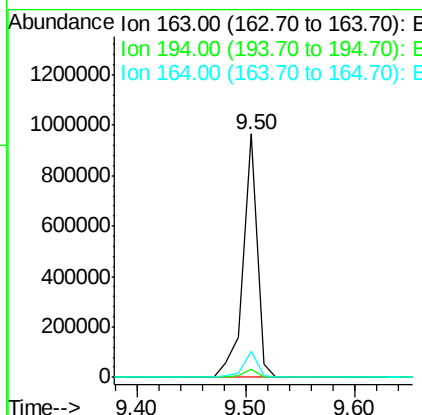
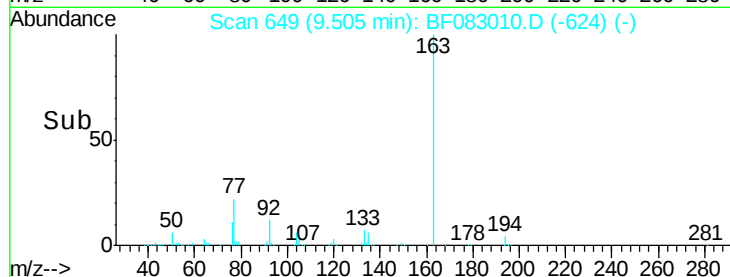
Instrument :
BNA_F
ClientSampleId :
PB86689BS



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	853195		
194	3.2	2.6	4.0	
164	10.6	8.7	13.1	

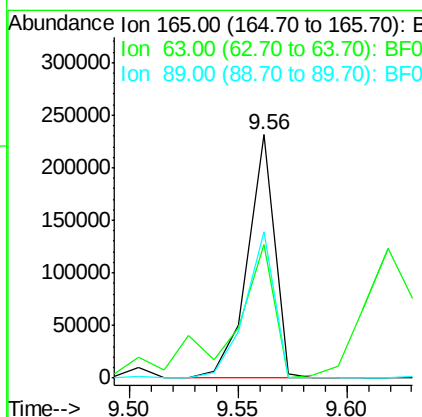
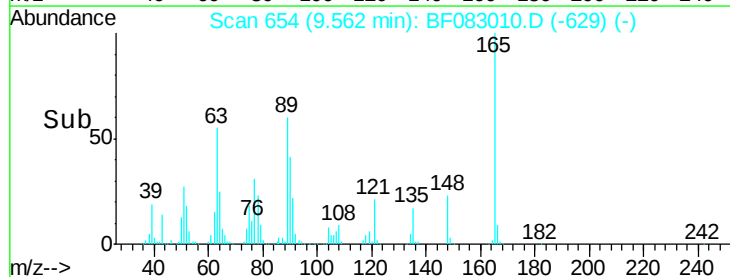
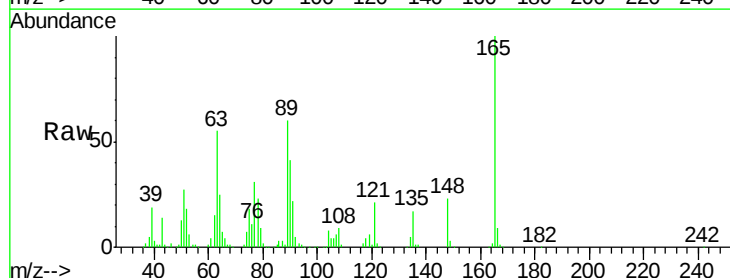
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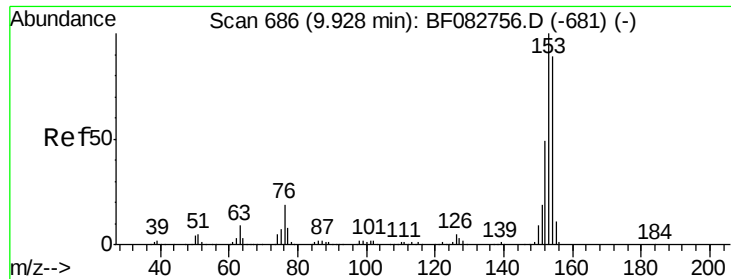
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#50
2,6-Dinitrotoluene
Concen: 40.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200946		
63	54.9	55.5	83.3#	
89	59.9	55.0	82.6	





#51

Acenaphthene

Concen: 40.80 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

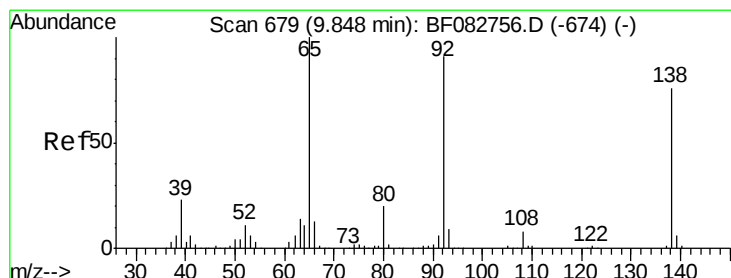
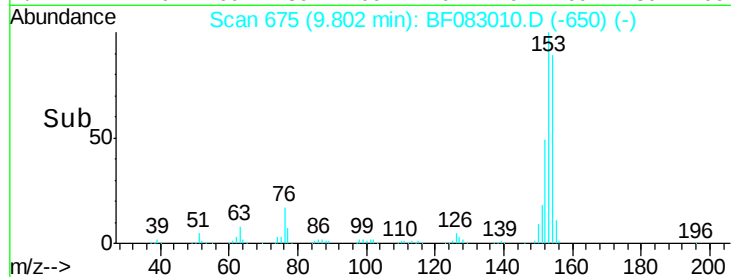
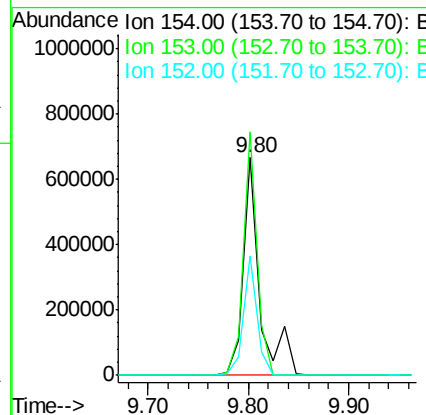
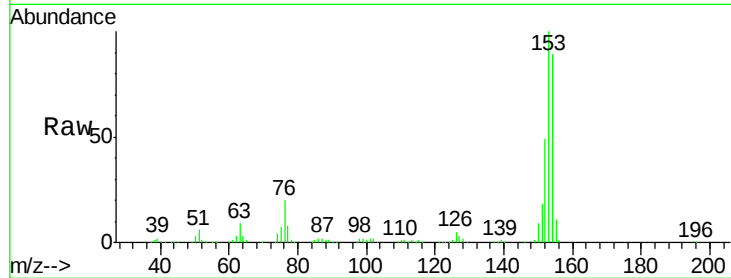
ClientSampleId :

PB86689BS

Tgt Ion:	154	Resp:	776213
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.1	135.1
152	54.6	44.3	66.5

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#52

3-Nitroaniline

Concen: 14.41 ng

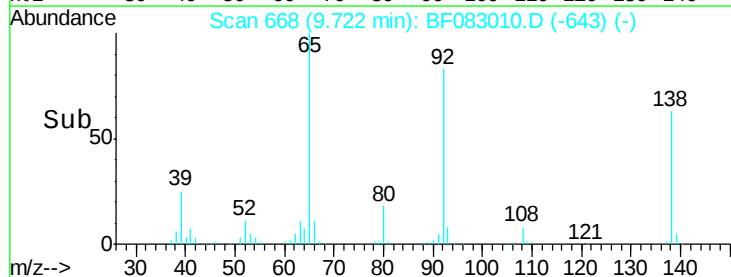
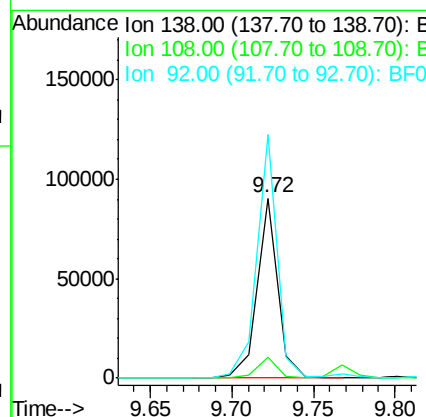
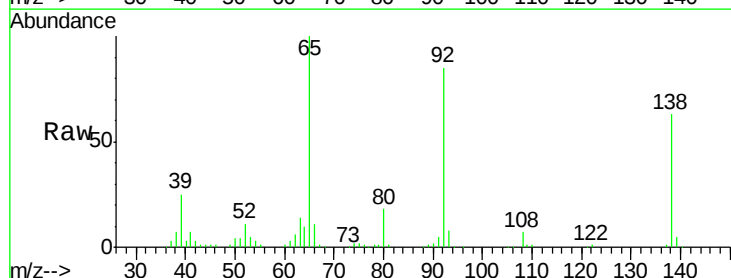
RT: 9.72 min Scan# 668

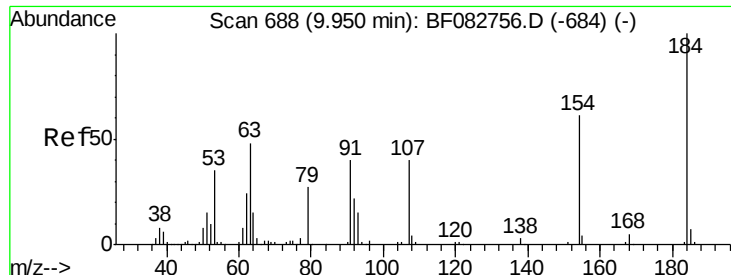
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

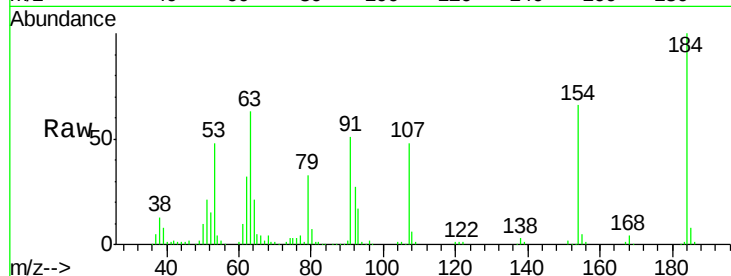
Tgt Ion:	138	Resp:	79263
Ion Ratio	Lower	Upper	
138	100		
108	11.9	11.3	16.9
92	135.3	122.4	183.6





#53
 2,4-Dinitrophenol
 Concen: 78.82 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

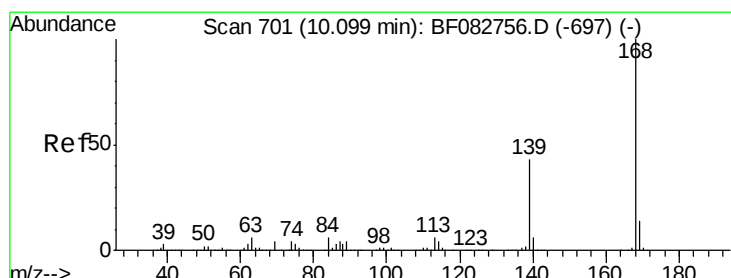
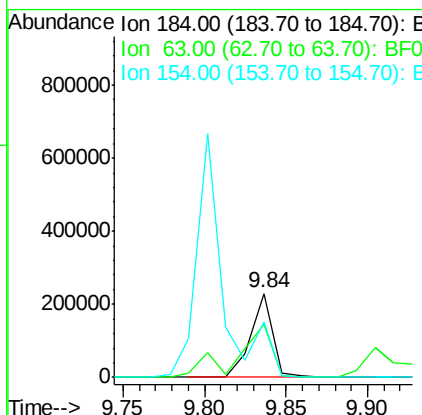
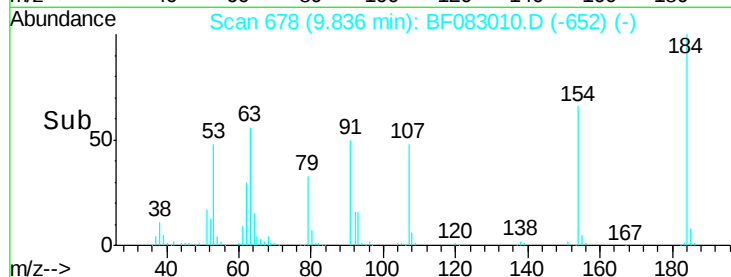
Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	216475		
63	63.4	98.6	148.0#	
154	65.7	183.9	275.9#	

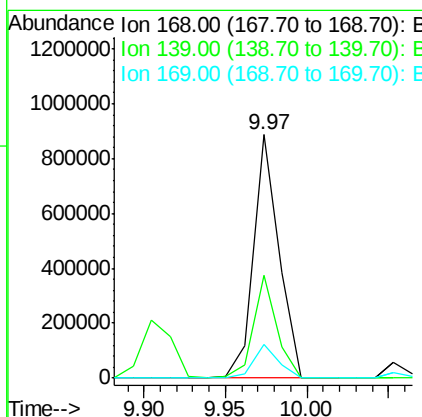
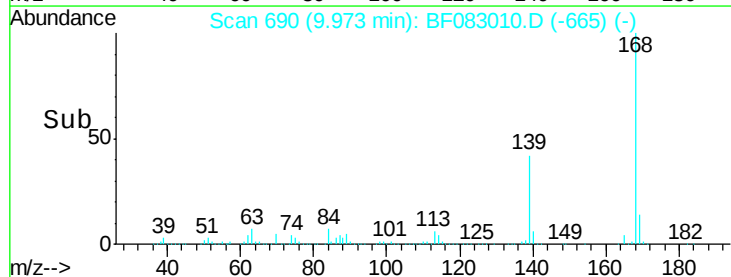
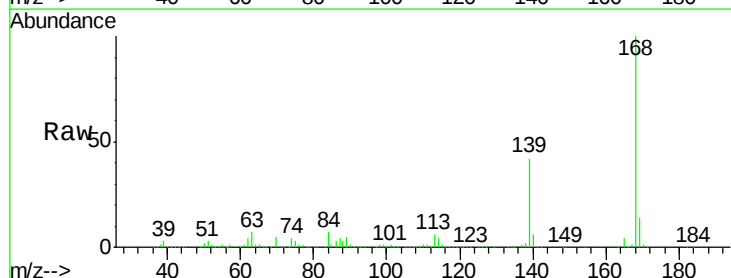
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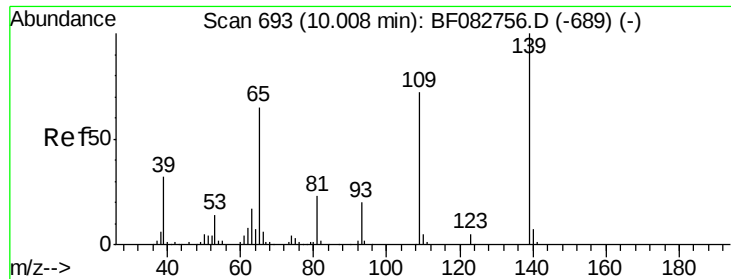
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 11/19/2015 6:44:42 PM



#54
 Dibenzofuran
 Concen: 37.36 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	958239		
139	42.1	37.8	56.6	
169	14.0	11.3	16.9	





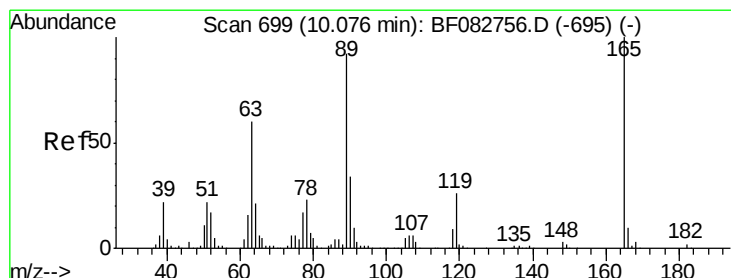
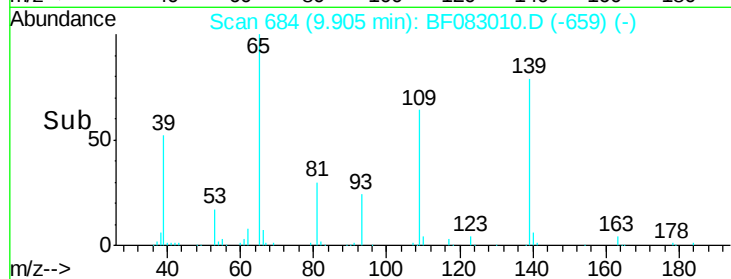
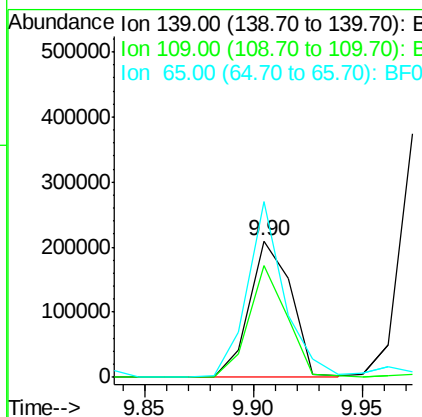
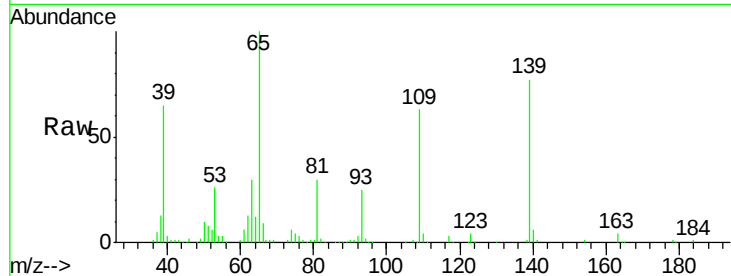
#55
4-Nitrophenol
Concen: 66.91 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	282385		
109	81.7	73.7	113.7	
65	129.4	82.9	122.9#	

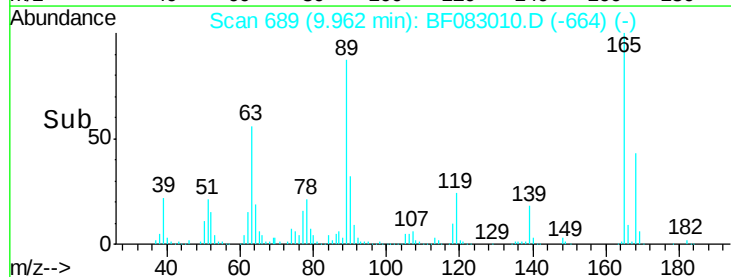
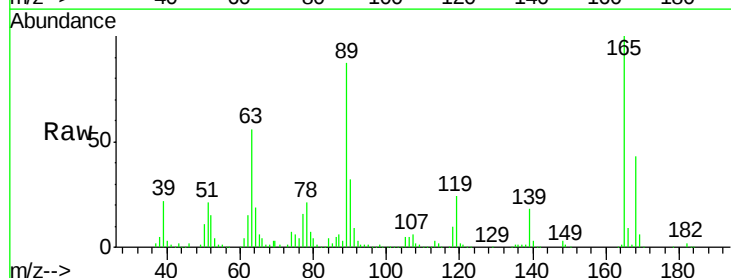
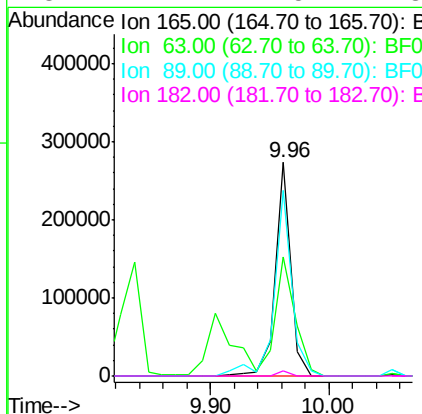
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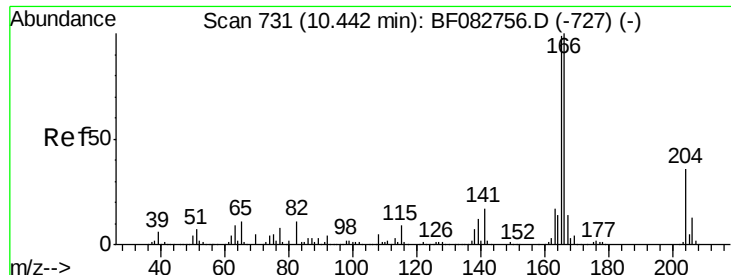
Mmdadoda
11/19/2015 6:44:42 PM



#56
2,4-Dinitrotoluene
Concen: 36.28 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	246257		
63	55.6	43.4	65.0	
89	87.1	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 35.94 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

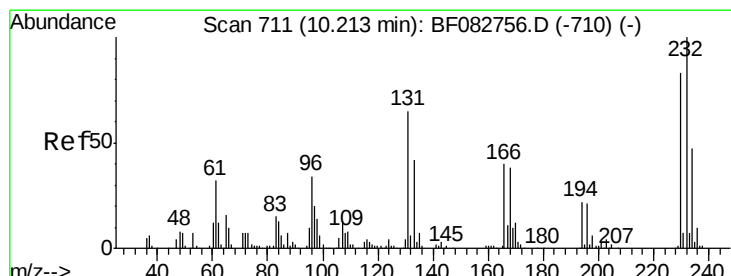
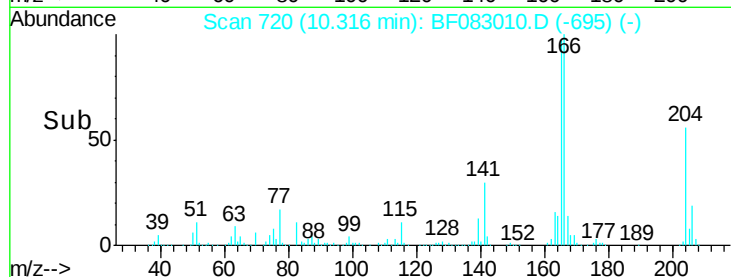
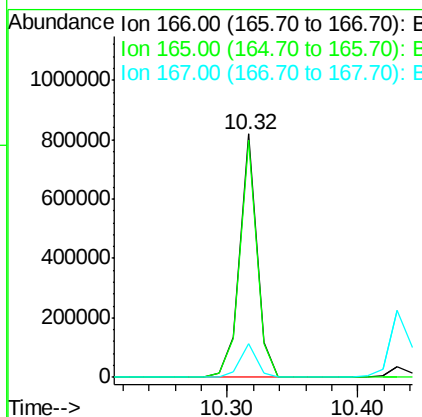
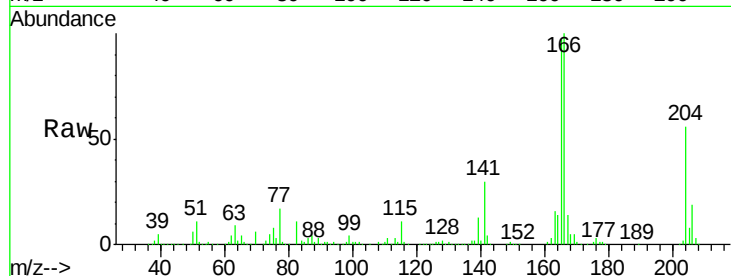
ClientSampleId :

PB86689BS

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11/19/2015 6:44:42 PM

Tgt Ion:	166	Resp:	746464
Ion Ratio		Lower	Upper
166	100		
165	97.4	80.2	120.4
167	14.0	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.92 ng

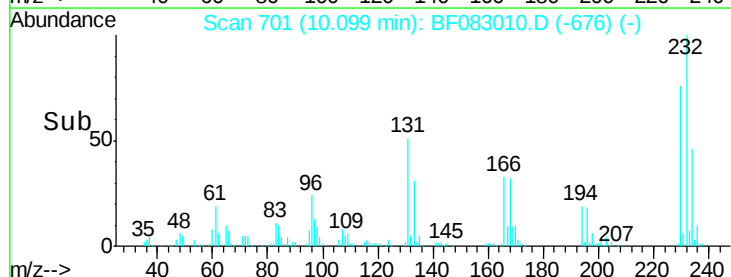
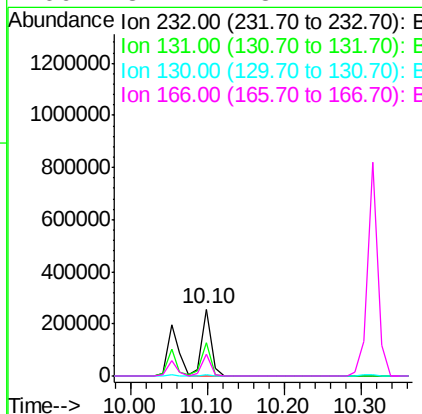
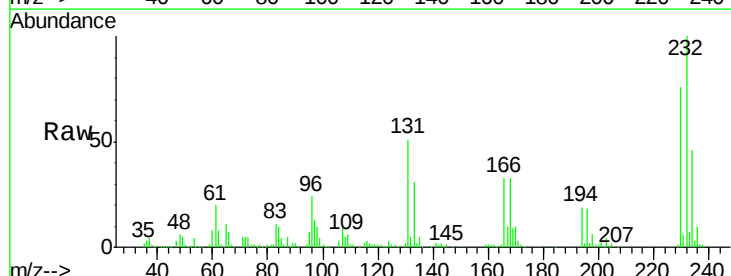
RT: 10.10 min Scan# 701

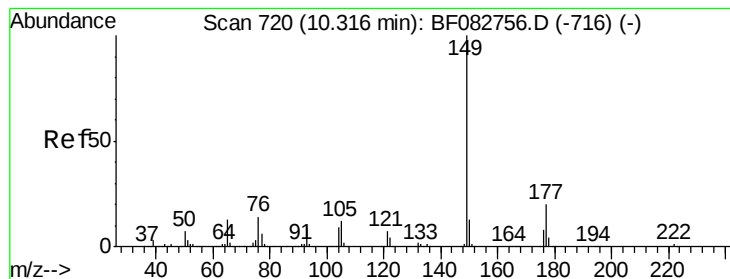
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	232	Resp:	220514
Ion Ratio		Lower	Upper
232	100		
131	49.4	46.2	69.2
130	2.2	2.4	3.6#
166	32.1	28.2	42.2





#59

Diethylphthalate

Concen: 36.29 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF083010.D

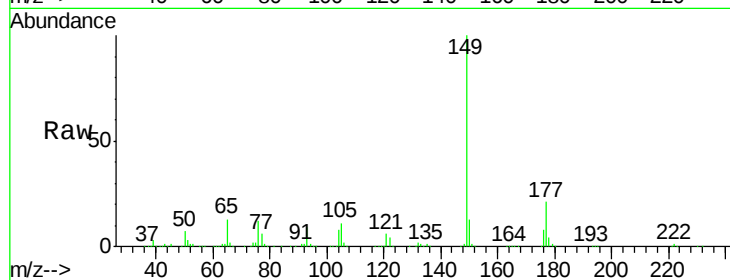
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

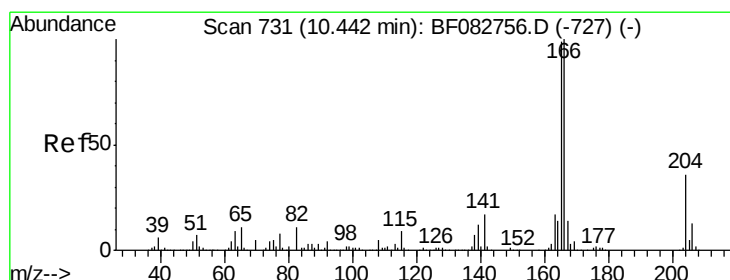
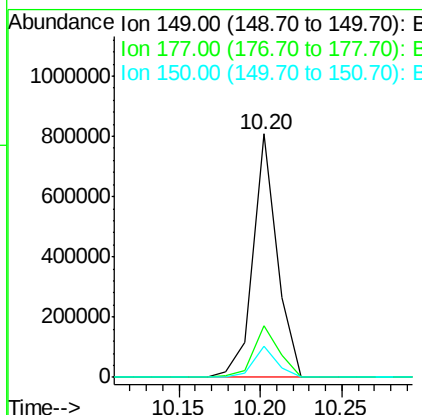
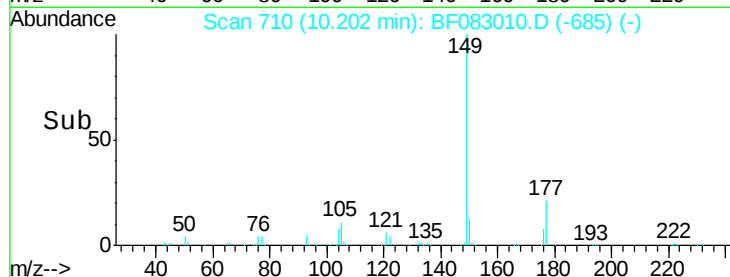
PB86689BS



Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.9	26.9
150	12.9	10.1	15.1

Manual Integrations
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#60

4-Chlorophenyl-phenylether

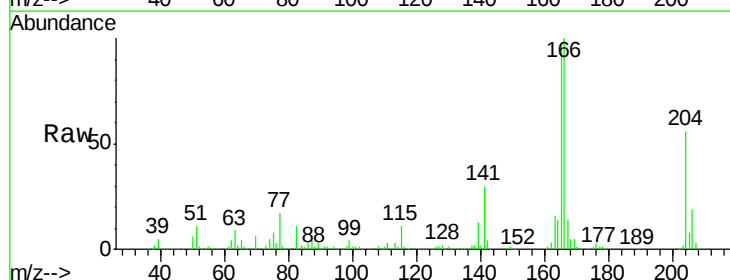
Concen: 39.48 ng

RT: 10.32 min Scan# 720

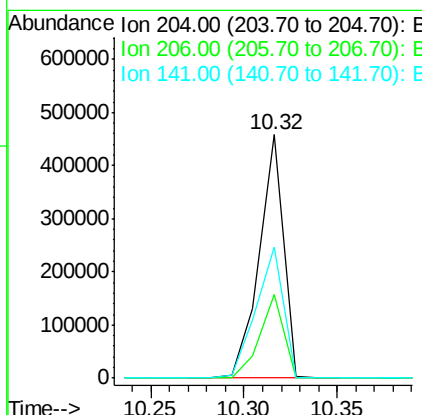
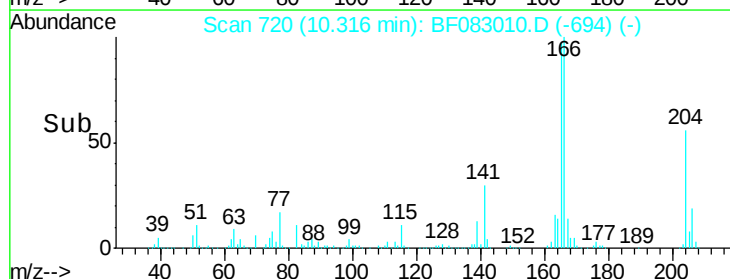
Delta R.T. -0.00 min

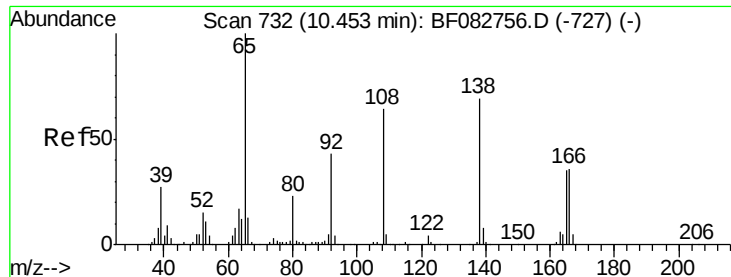
Lab File: BF083010.D

Acq: 18 Nov 2015 15:07



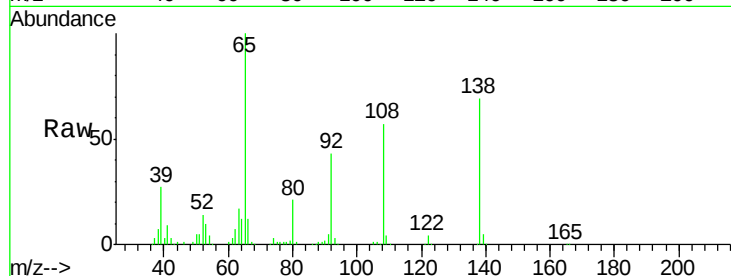
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.5	42.7
141	53.7	44.6	66.8





#61
4-Nitroaniline
Concen: 30.85 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

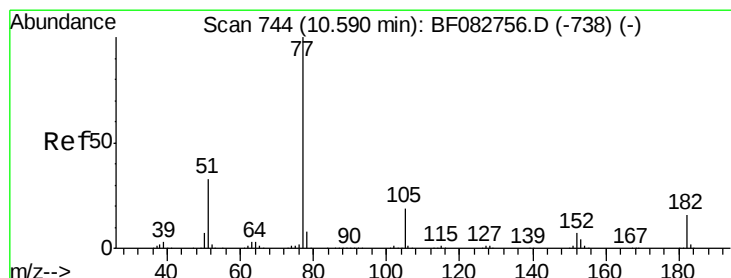
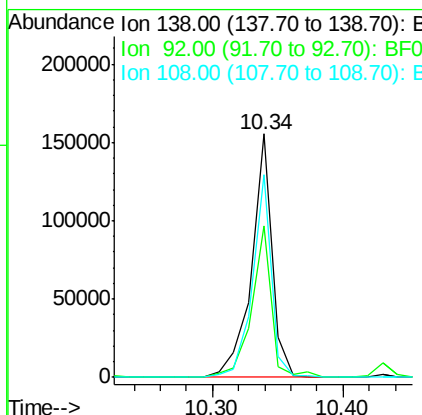
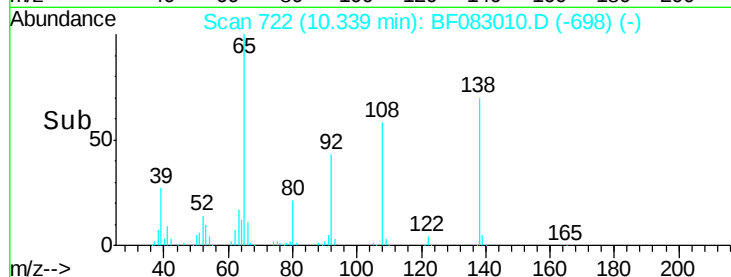
Instrument :
BNA_F
ClientSampleId :
PB86689BS



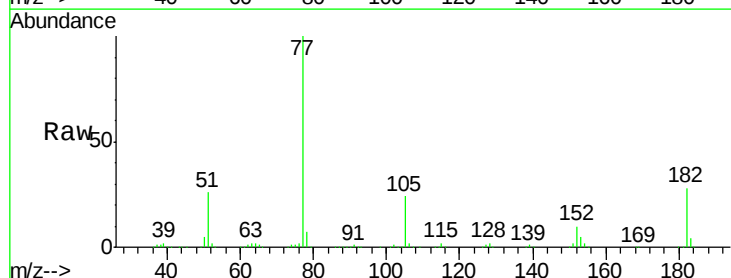
Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.1	45.8	85.8
108	83.5	89.4	129.4

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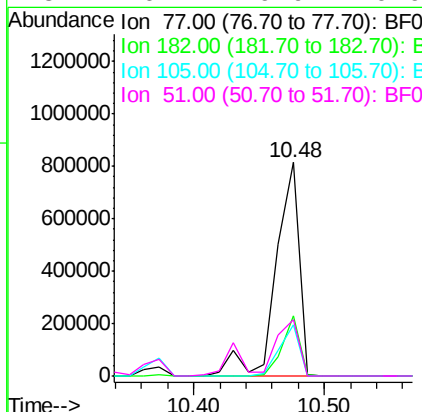
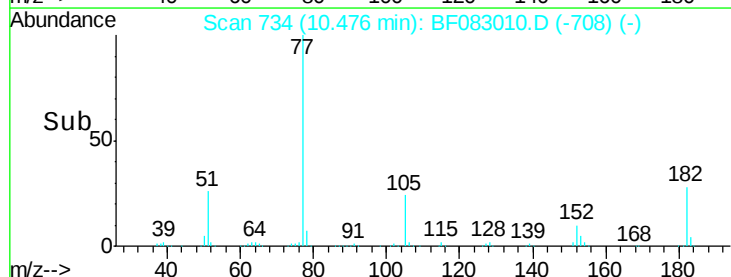
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11/19/2015 6:44:42 PM

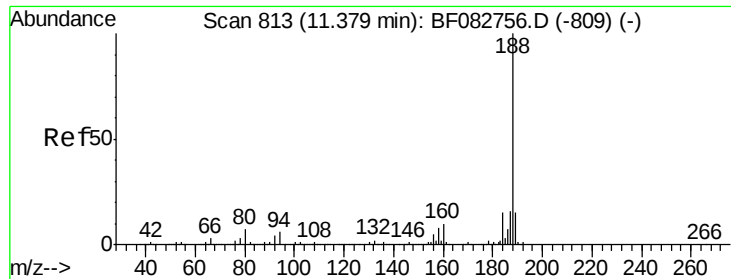


#62
Azobenzene
Concen: 41.73 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07



Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	9.3	49.3
105	24.3	2.6	42.6
51	26.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF083010.D

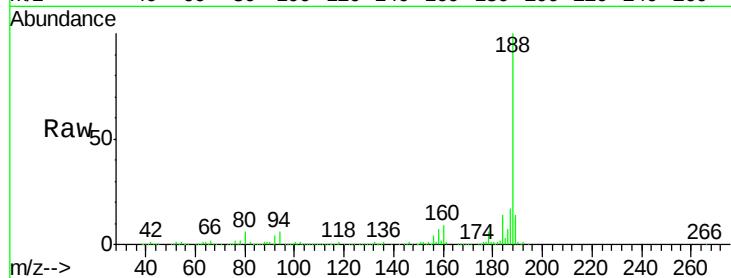
Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS



Tgt Ion:188 Resp: 562262

Ion Ratio Lower Upper

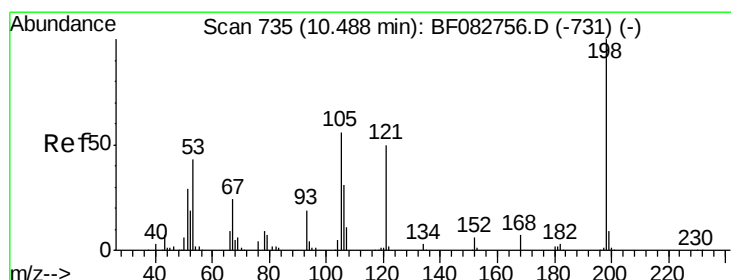
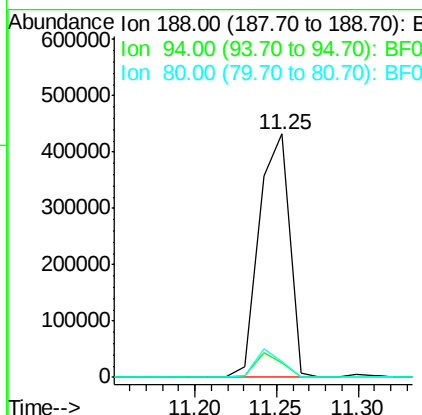
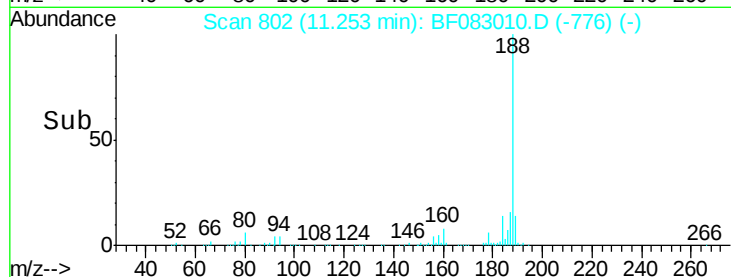
188 100

94 6.2 6.1 9.1

80 6.5 7.0 10.6#

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.65 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

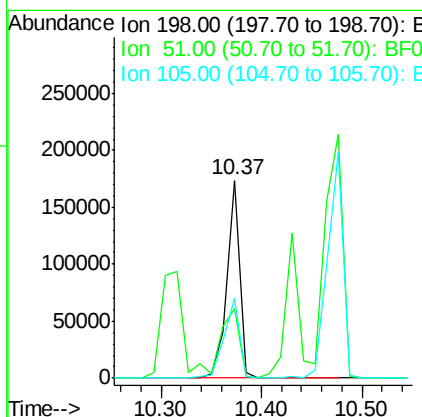
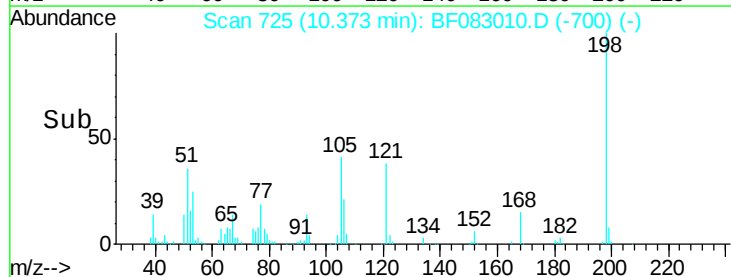
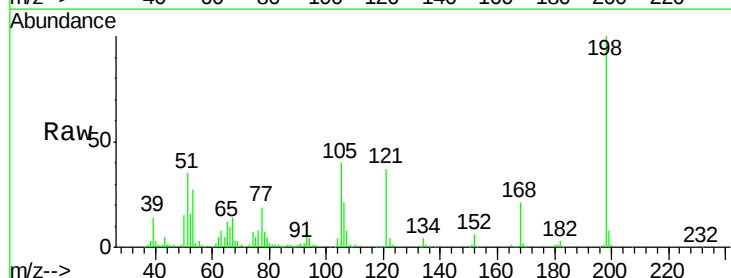
Tgt Ion:198 Resp: 154835

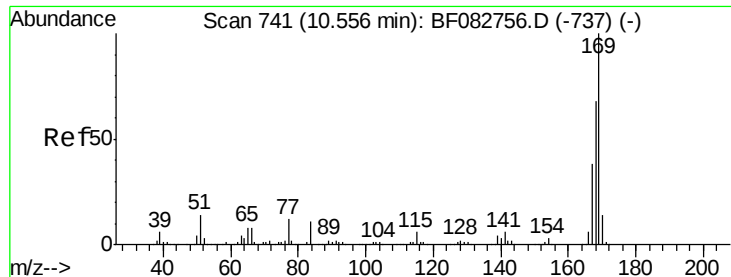
Ion Ratio Lower Upper

198 100

51 35.3 17.3 57.3

105 40.3 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 32.47 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

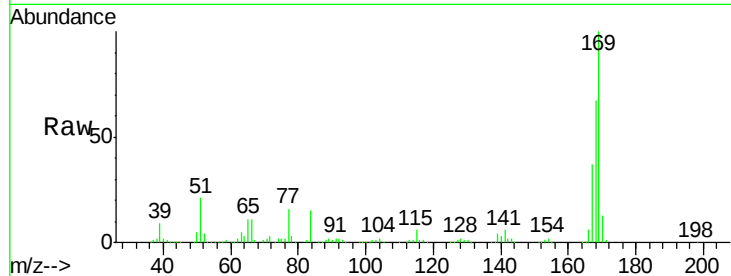
ClientSampleId :

PB86689BS

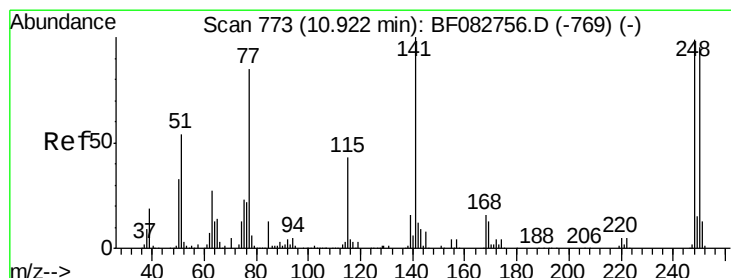
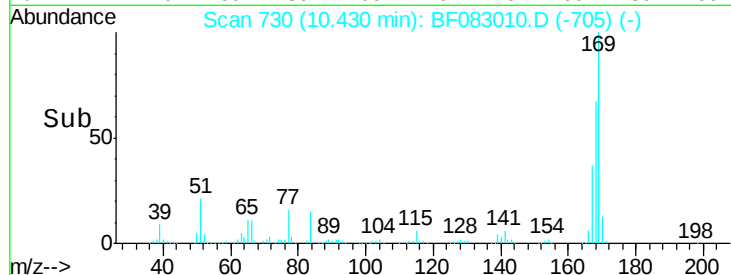
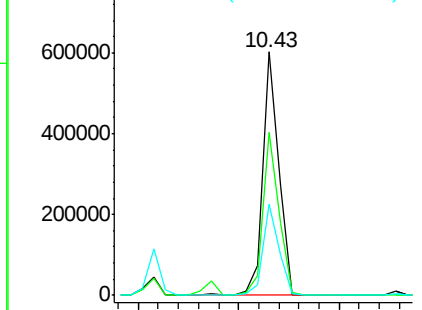
Tgt Ion:	169	Resp:	659634
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.0	82.6
167	37.3	30.5	45.7

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



#66

4-Bromophenyl-phenylether

Concen: 32.98 ng

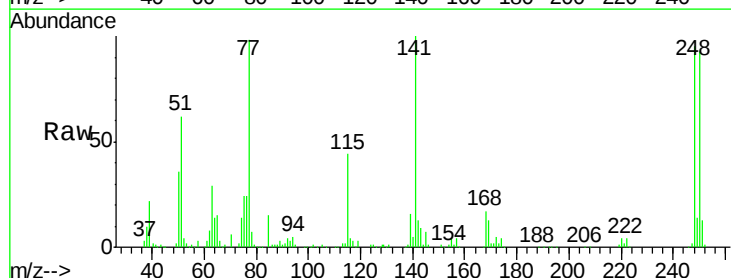
RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

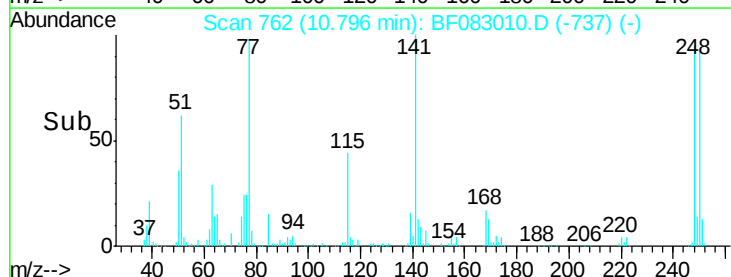
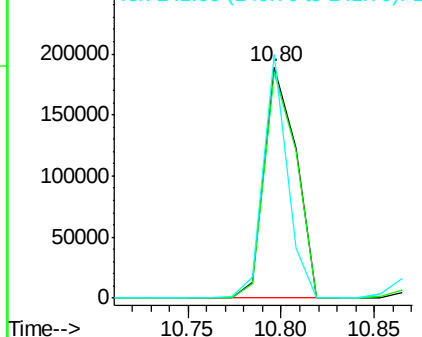
Lab File: BF083010.D

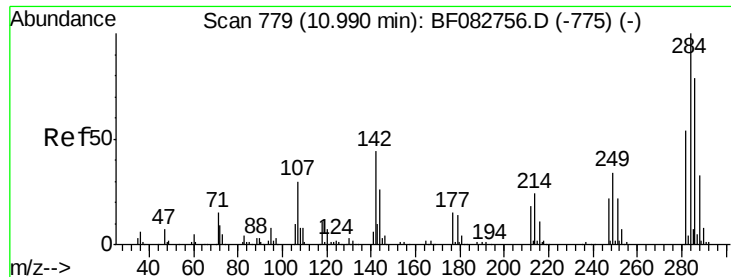
Acq: 18 Nov 2015 15:07

Tgt Ion:	248	Resp:	223279
Ion Ratio	Lower	Upper	
248	100		
250	97.7	79.4	119.2
141	105.5	36.3	54.5#



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





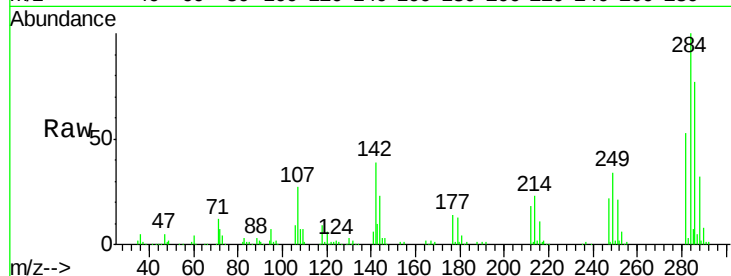
#67
Hexachlorobenzene
Concen: 32.96 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

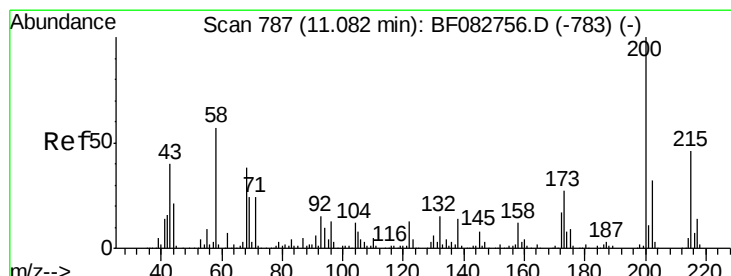
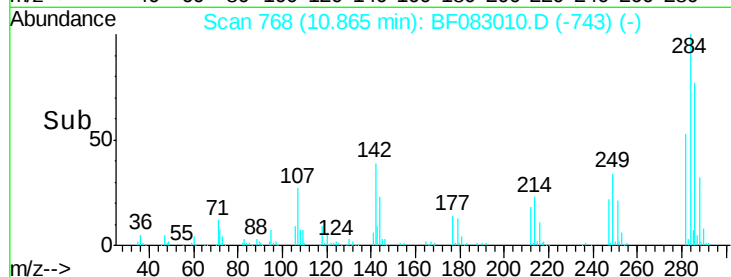
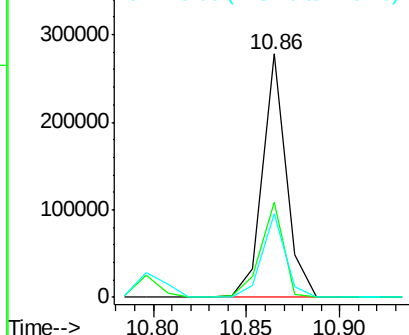
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.2	47.9	71.9#
249	34.4	29.7	44.5

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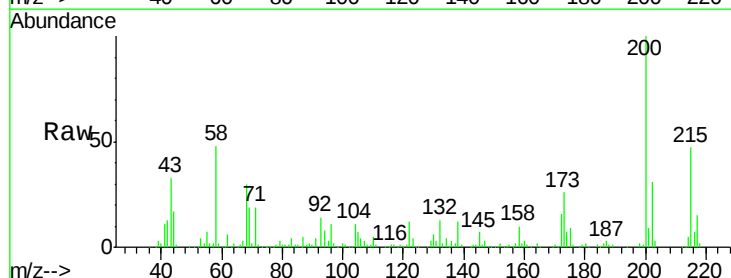


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

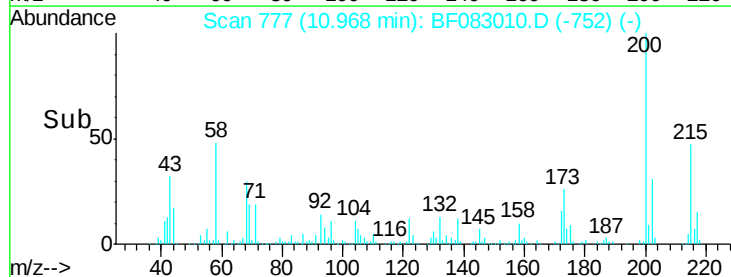
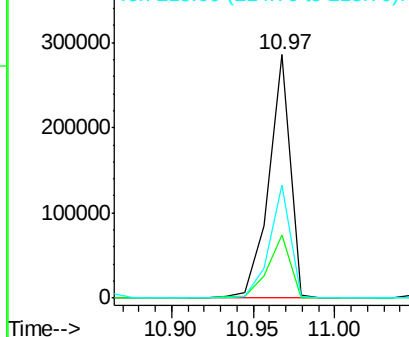


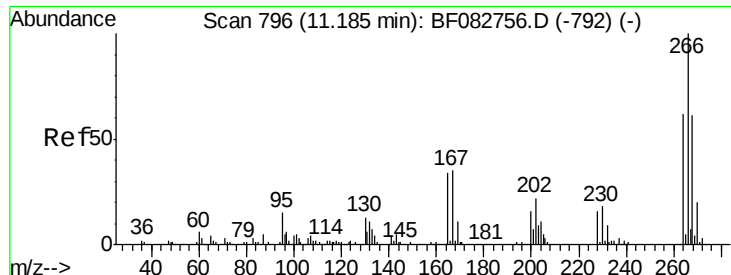
#68
Atrazine
Concen: 41.68 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.0	6.9	46.9
215	46.5	22.9	62.9



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





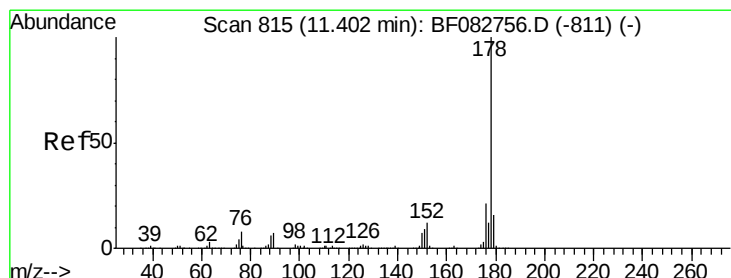
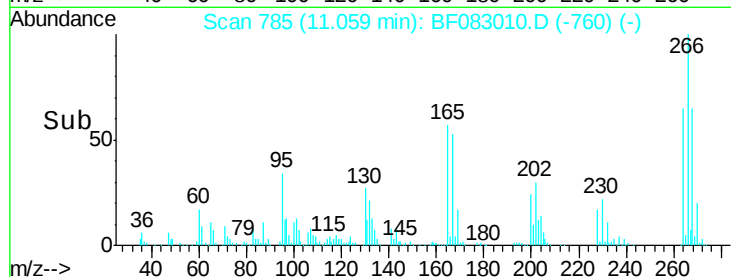
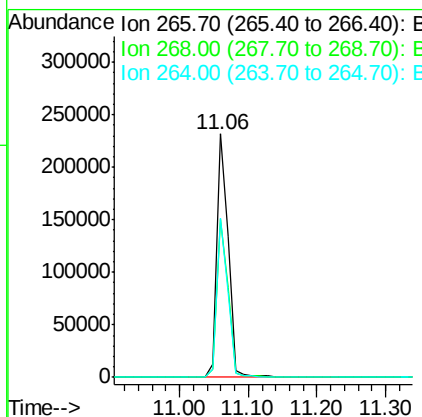
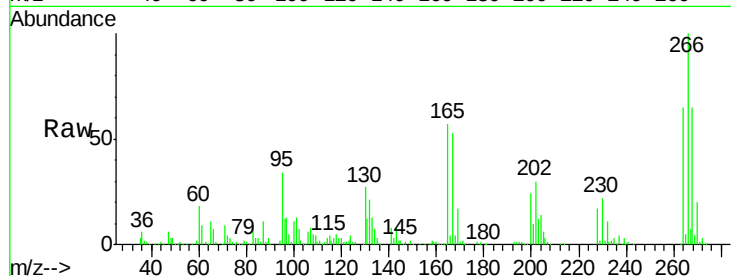
#69
 Pentachlorophenol
 Concen: 59.53 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	273287		
268	64.6	51.0	76.6	
264	65.2	50.6	75.8	

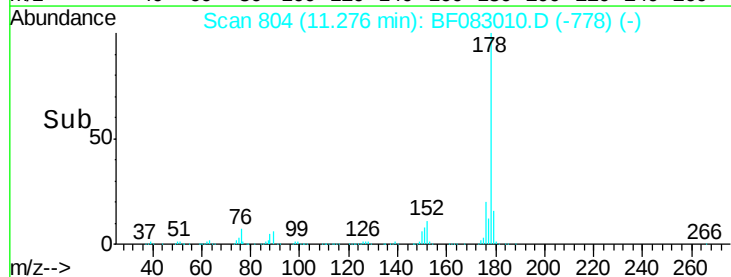
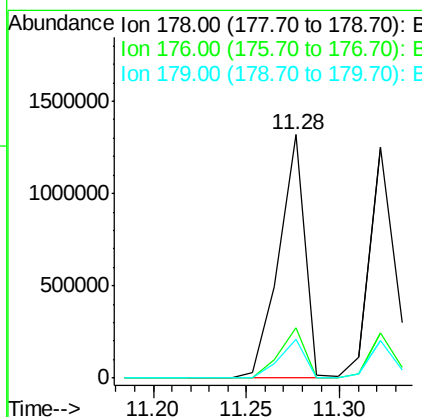
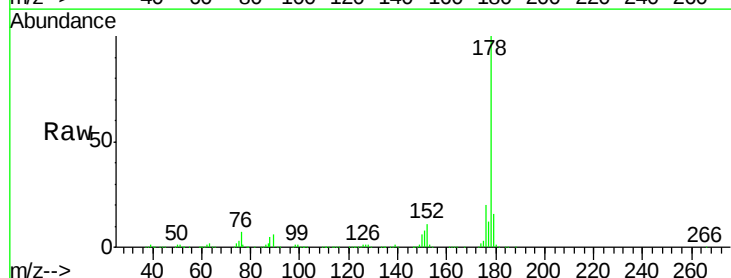
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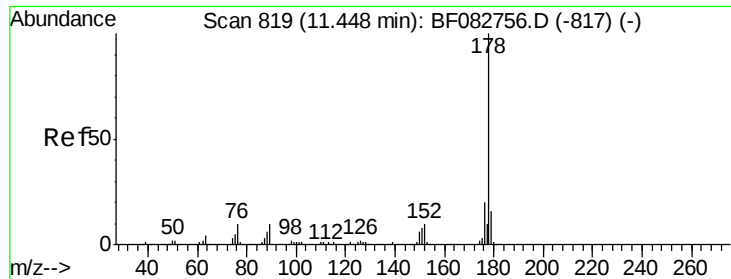
Mmdadoda
 11/19/2015 6:44:42 PM



#70
 Phenanthrene
 Concen: 39.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1278671		
176	20.5	17.0	25.4	
179	15.9	13.4	20.0	





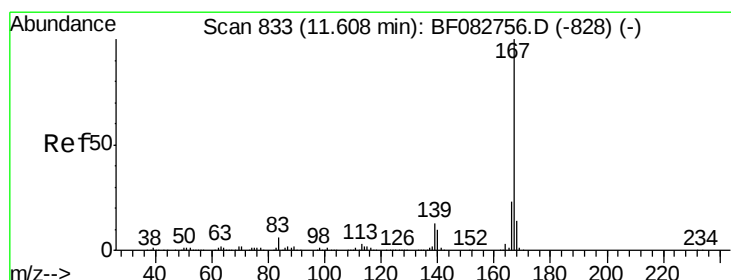
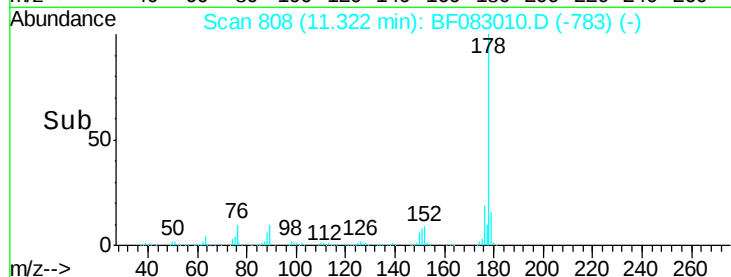
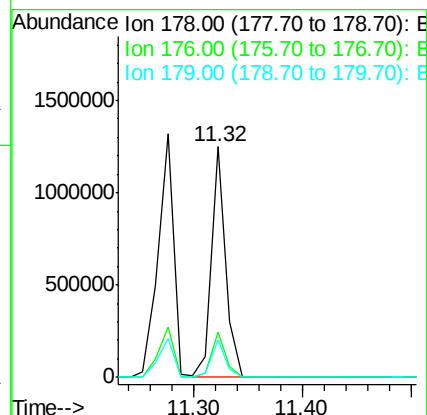
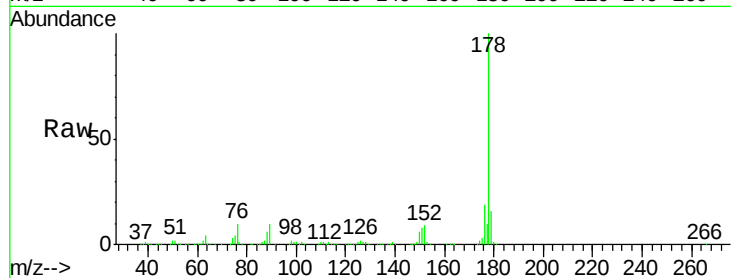
#71
 Anthracene
 Concen: 33.35 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion:178 Resp: 1147201
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 16.0 13.2 19.8

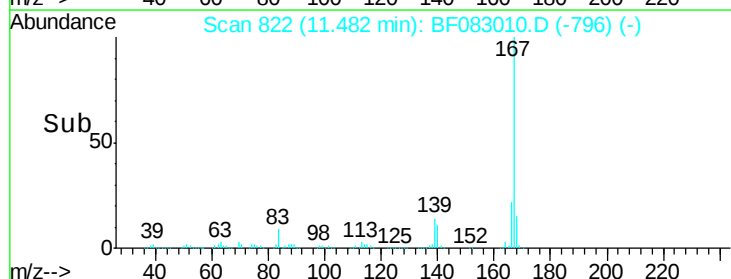
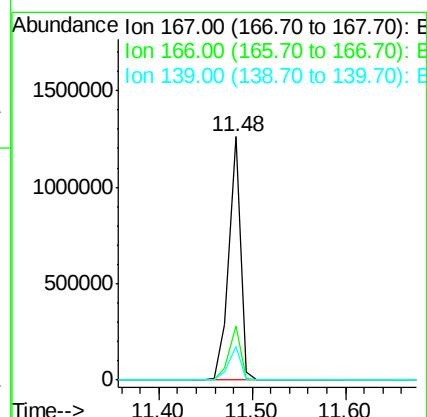
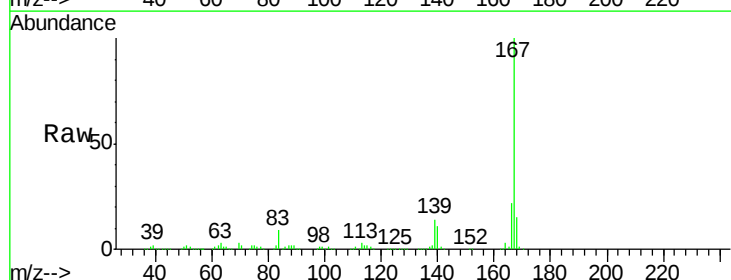
Manual Integrations
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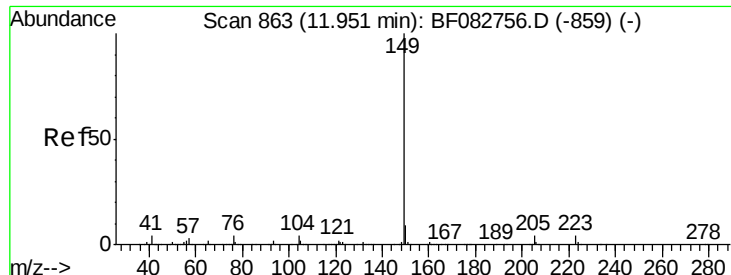
Mmdadoda
 11/19/2015 6:44:42 PM



#72
 Carbazole
 Concen: 36.71 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion:167 Resp: 1105227
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.7 28.1
 139 13.8 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.97 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

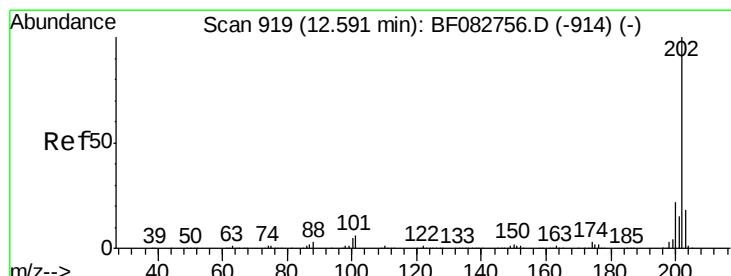
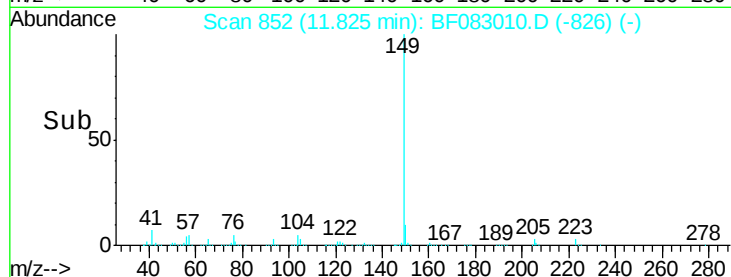
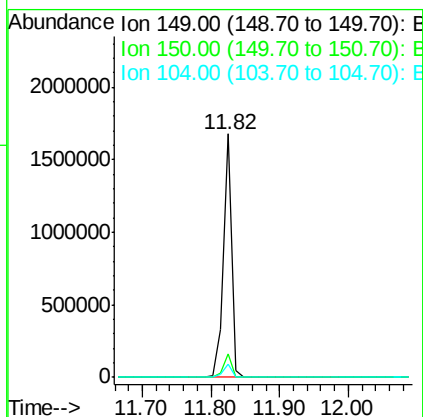
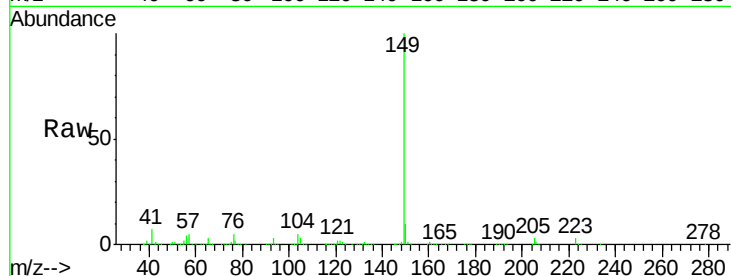
PB86689BS

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Tgt Ion:	149	Resp:	1424311
Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.2	5.2	7.8



#74

Fluoranthene

Concen: 33.10 ng

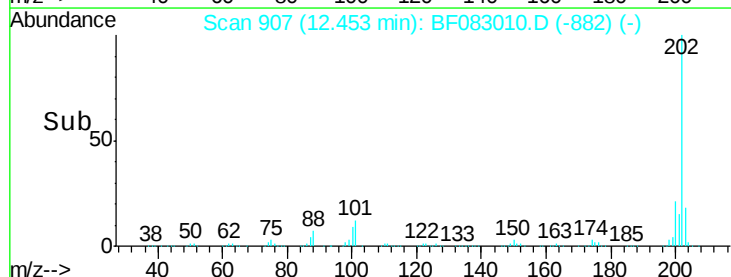
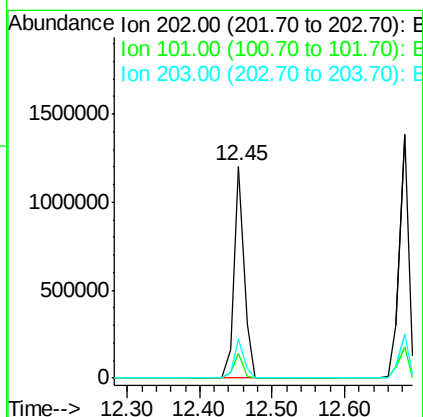
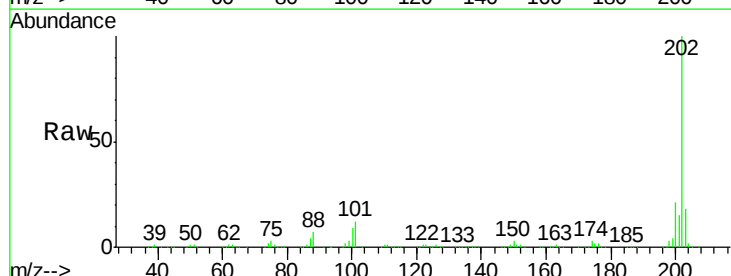
RT: 12.45 min Scan# 907

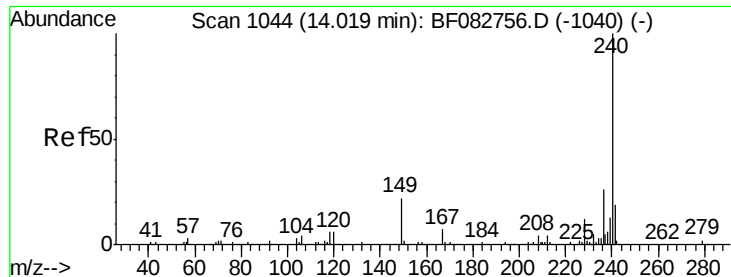
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	202	Resp:	1159627
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	18.3	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: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

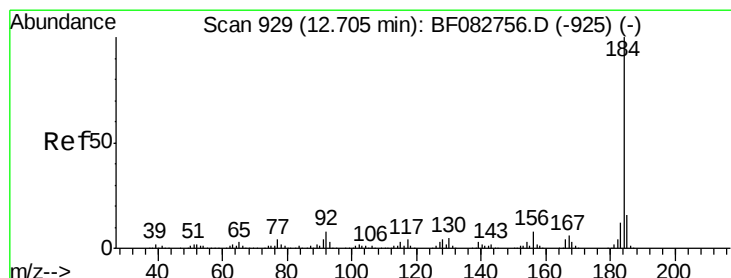
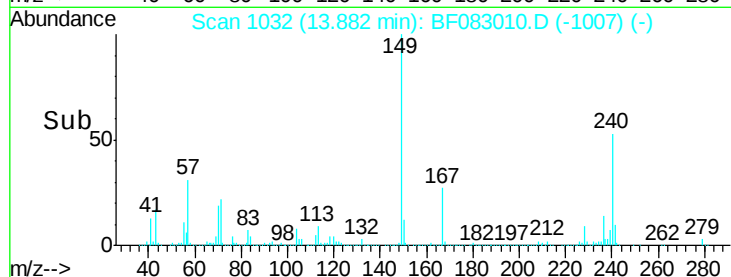
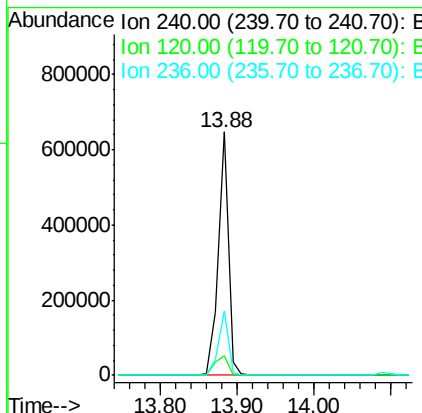
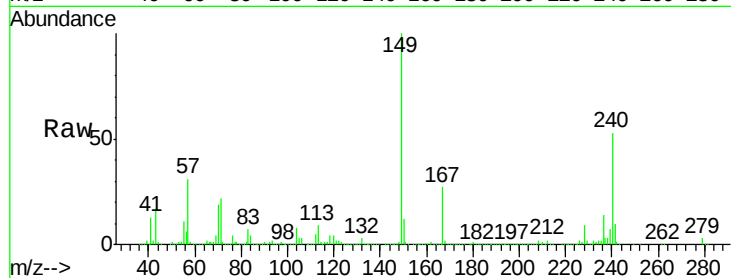
ClientSampleId :

PB86689BS

Tgt Ion:	240	Resp:	593819
Ion Ratio	Lower	Upper	
240	100		
120	8.3	10.9	16.3#
236	26.4	21.6	32.4

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#76

Benzidine

Concen: 30.11 ng

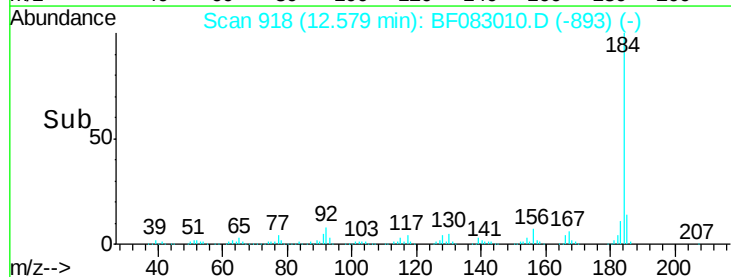
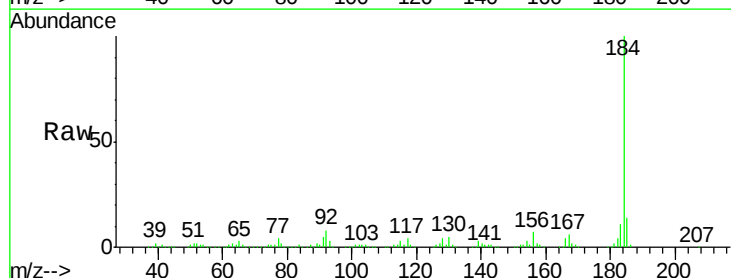
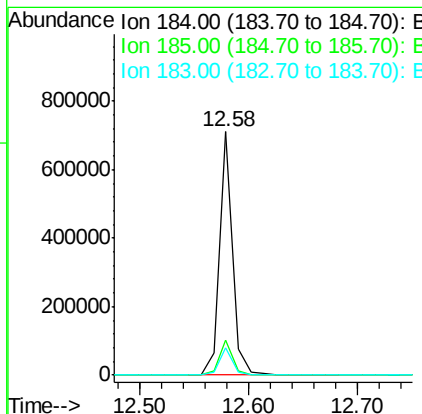
RT: 12.58 min Scan# 918

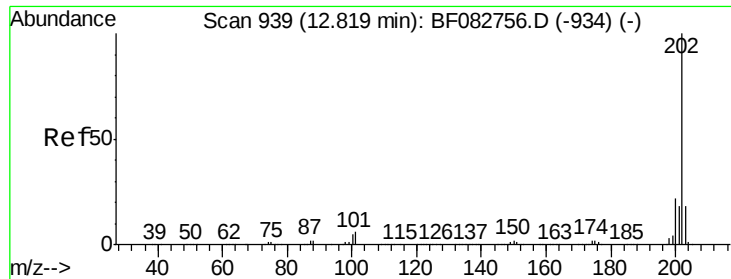
Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Tgt Ion:	184	Resp:	599304
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.4	9.6	14.4





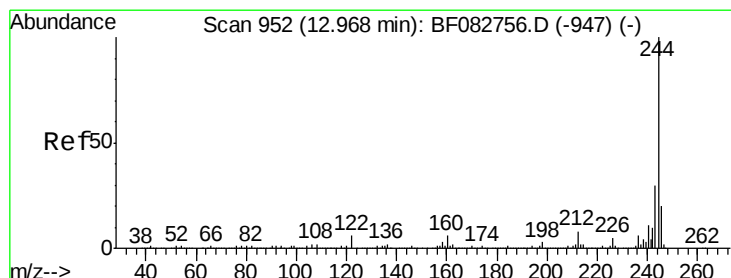
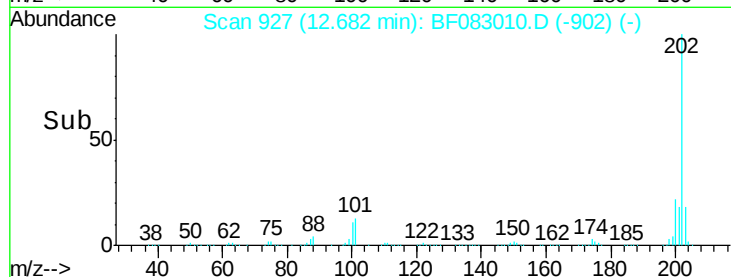
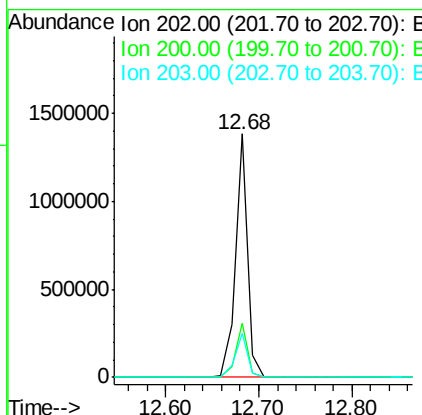
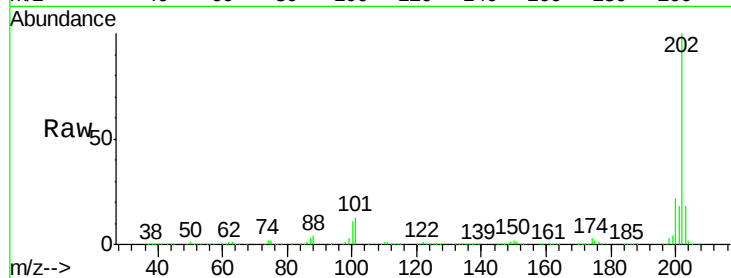
#77
Pyrene
Concen: 30.64 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	18.0	14.8	22.2

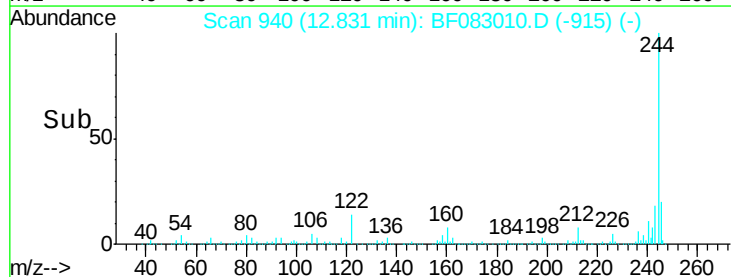
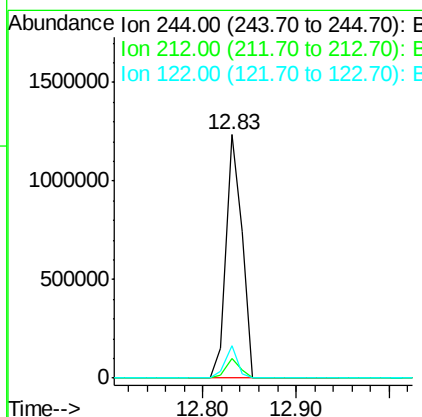
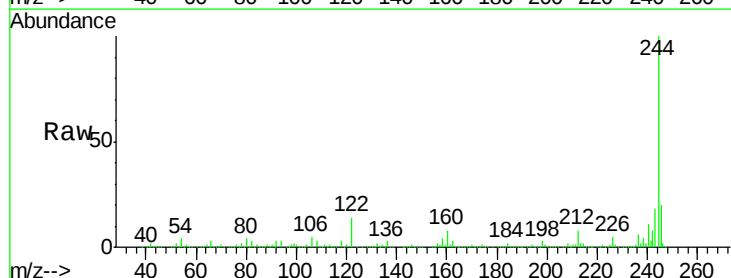
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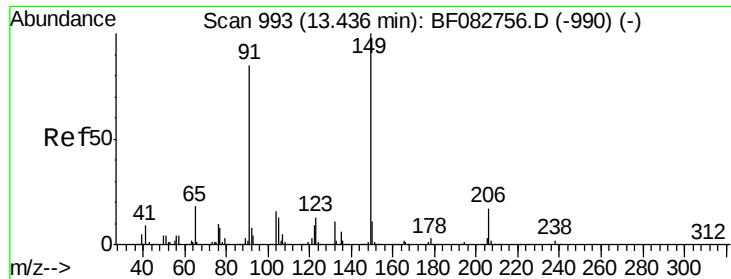
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#78
Terphenyl-d14
Concen: 58.78 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

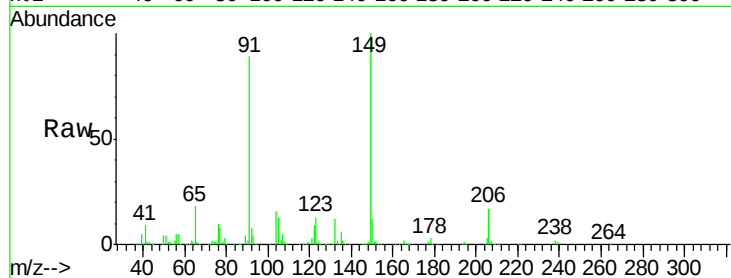
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	13.5	11.3	16.9





#79
Butylbenzylphthalate
Concen: 30.88 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

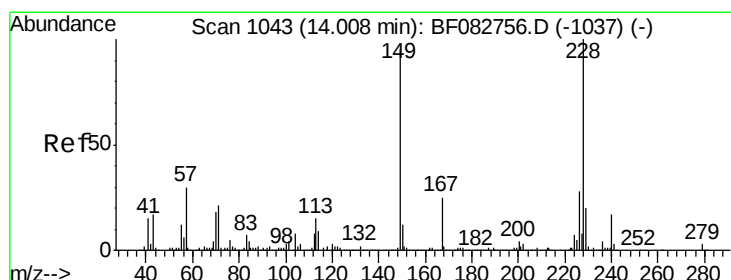
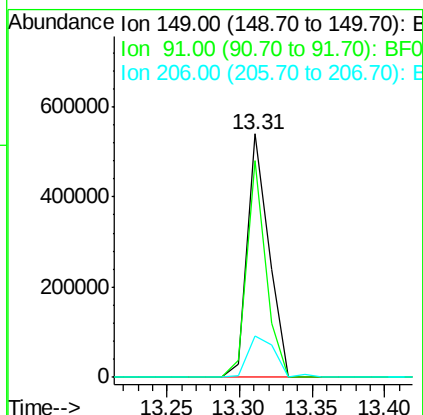
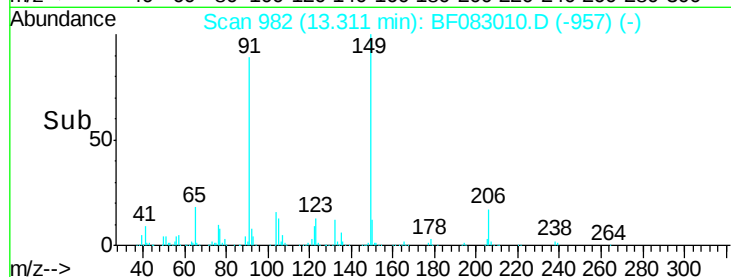
Instrument :
BNA_F
ClientSampleId :
PB86689BS



Tgt Ion:149 Resp: 556243
Ion Ratio Lower Upper
149 100
91 88.8 67.7 101.5
206 17.0 14.6 22.0

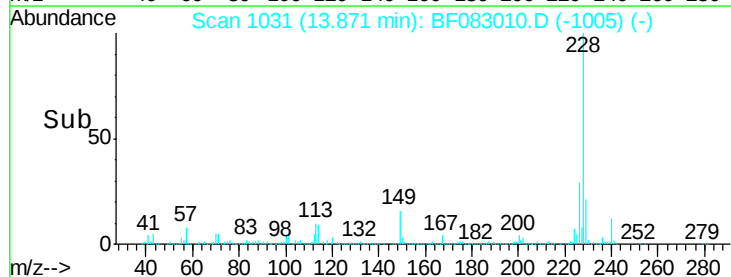
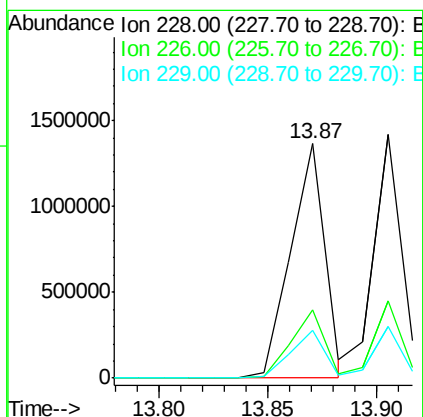
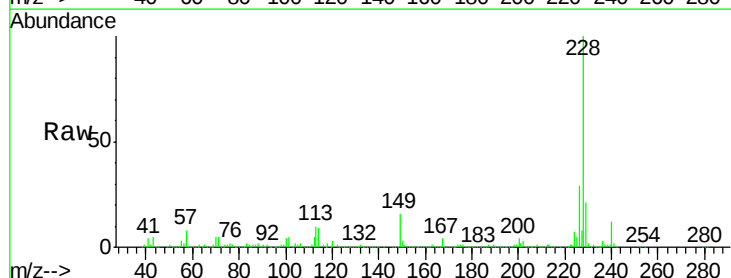
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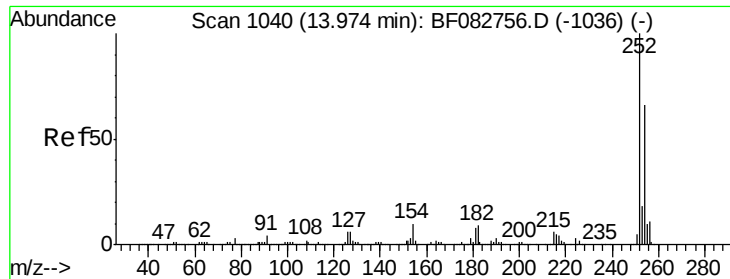
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#80
Benzo(a)anthracene
Concen: 40.22 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:228 Resp: 1493462
Ion Ratio Lower Upper
228 100
226 28.9 23.4 35.2
229 20.5 16.3 24.5





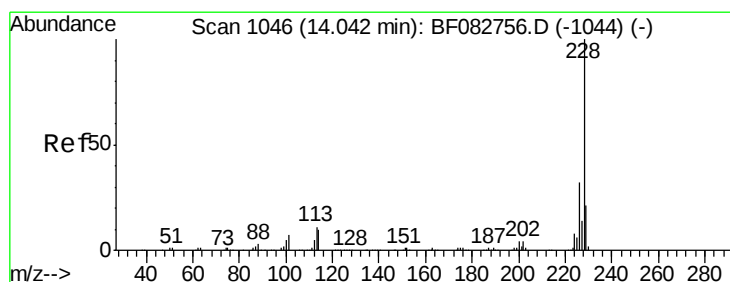
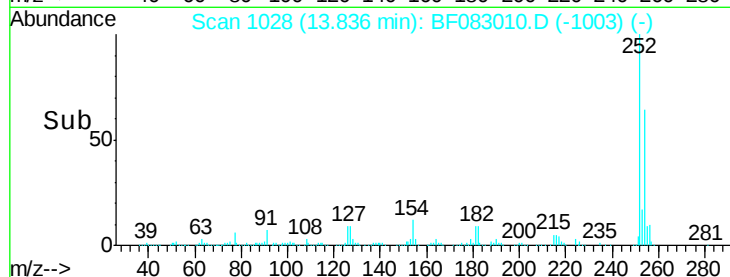
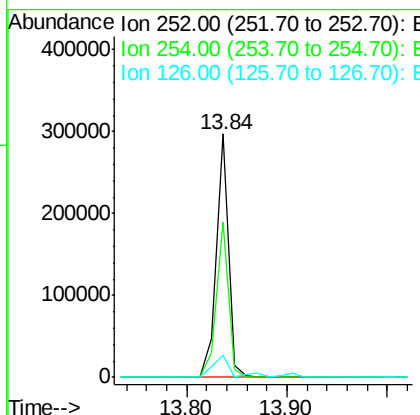
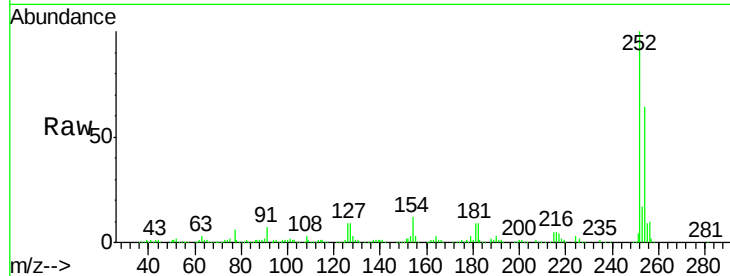
#81
 3,3'-Dichlorobenzidine
 Concen: 18.90 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	51.4	77.0
126	9.0	10.7	16.1#

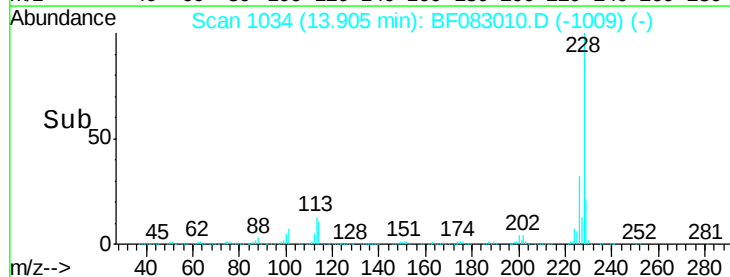
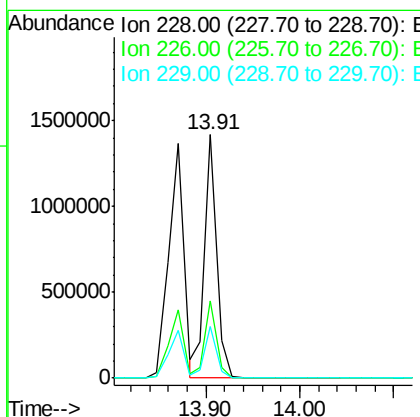
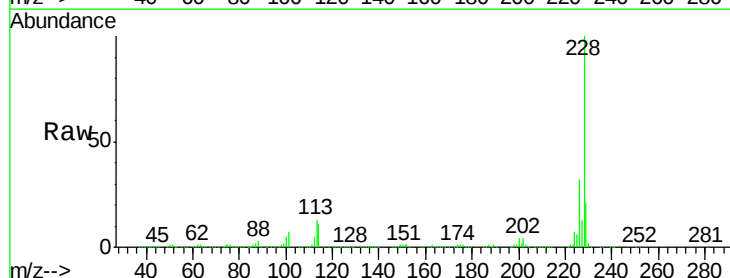
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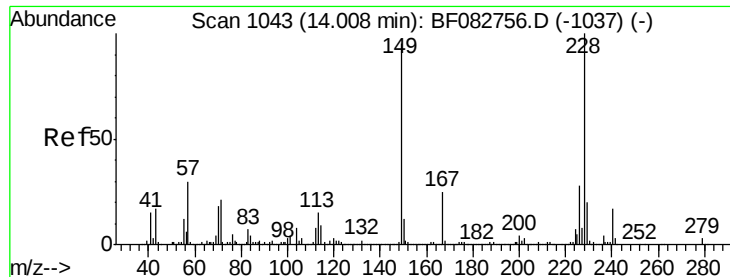
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#82
 Chrysene
 Concen: 37.98 ng m
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	25.5	38.3
229	21.0	16.3	24.5





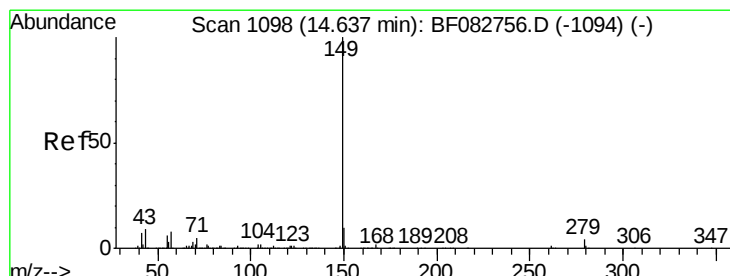
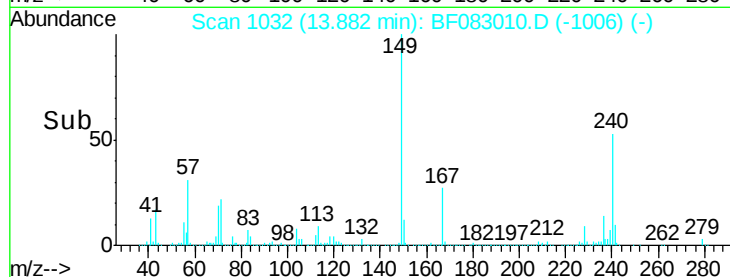
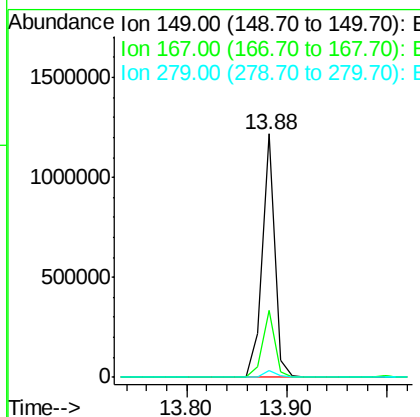
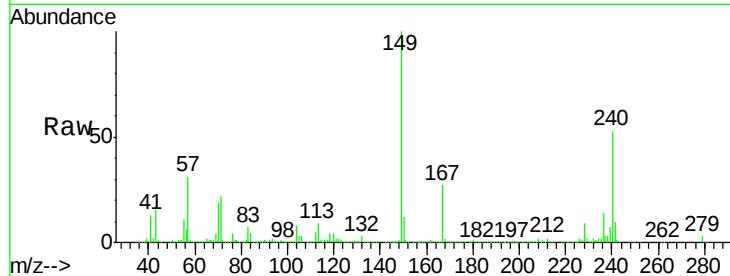
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.83 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	2.9	2.2	3.2

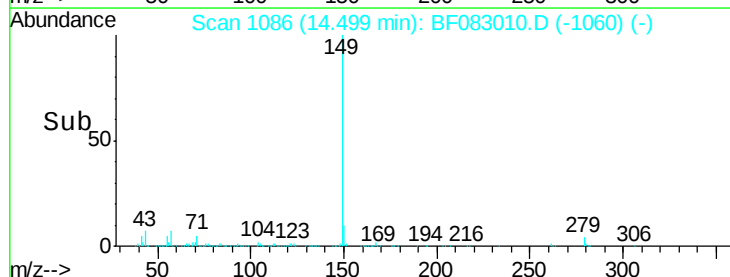
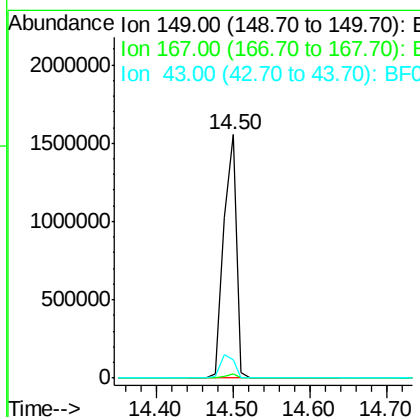
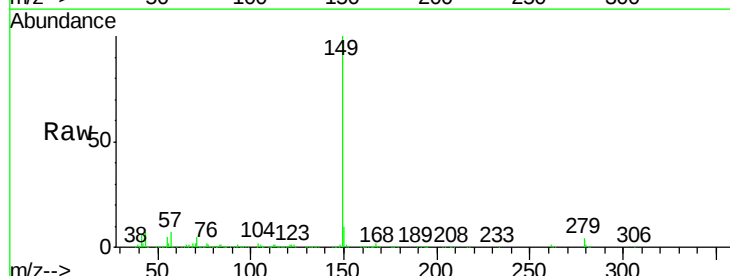
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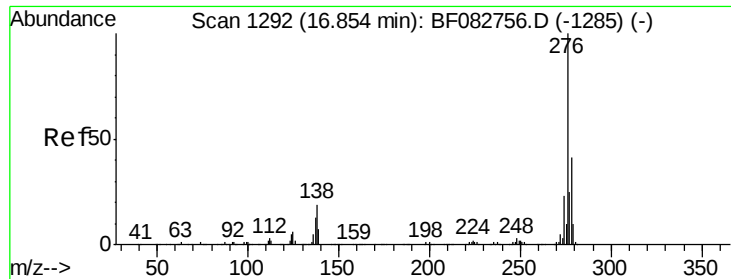
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#84
 Di-n-octyl phthalate
 Concen: 44.31 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.5	10.1	15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.78 ng

RT: 16.59 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB86689BS

Tgt Ion:276 Resp: 1106619

Ion Ratio Lower Upper

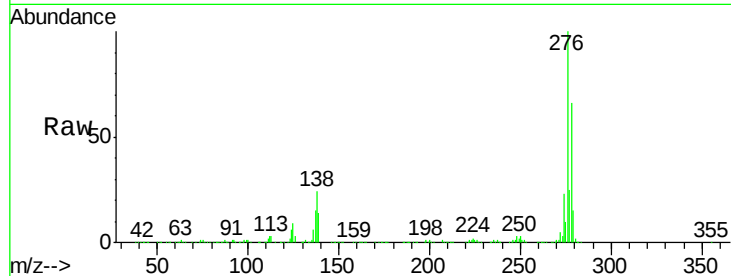
276 100

138 25.5 15.3 22.9#

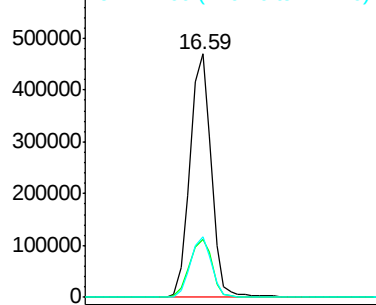
277 25.0 20.2 30.4

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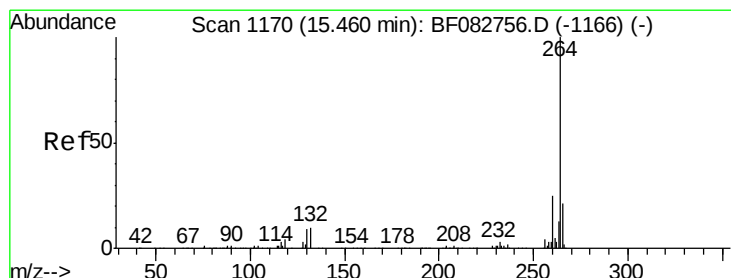
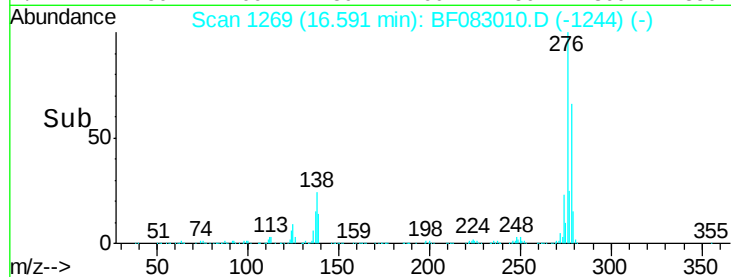
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF083010.D

Acq: 18 Nov 2015 15:07

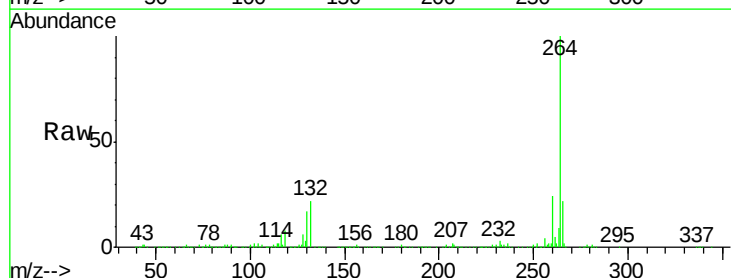
Tgt Ion:264 Resp: 514828

Ion Ratio Lower Upper

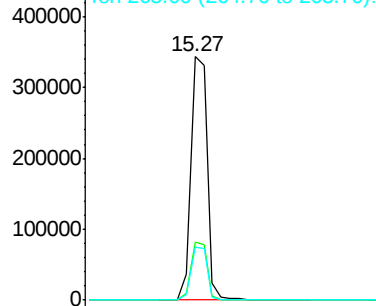
264 100

260 24.0 19.8 29.6

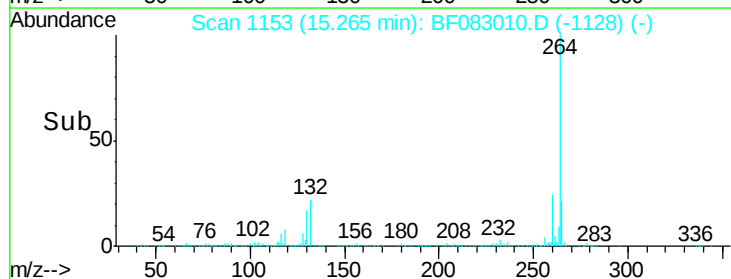
265 21.6 17.4 26.0

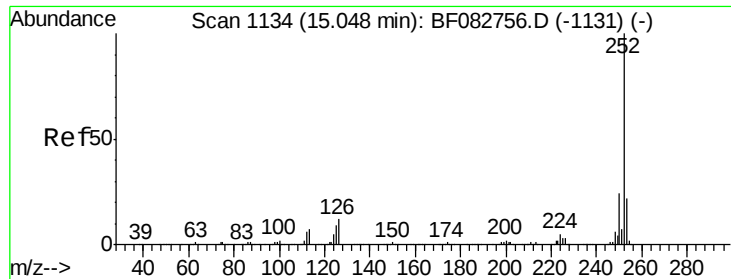


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





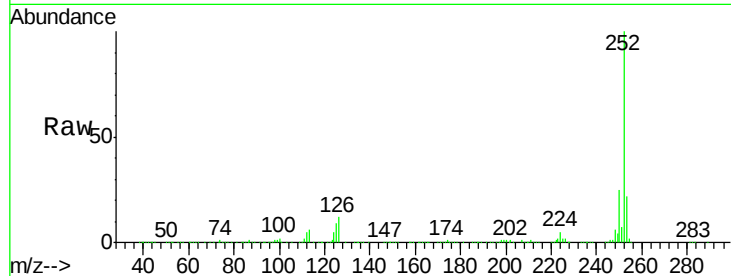
#87
Benzo(b)fluoranthene
Concen: 38.56 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

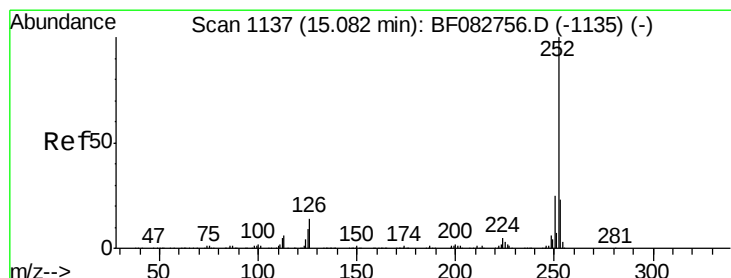
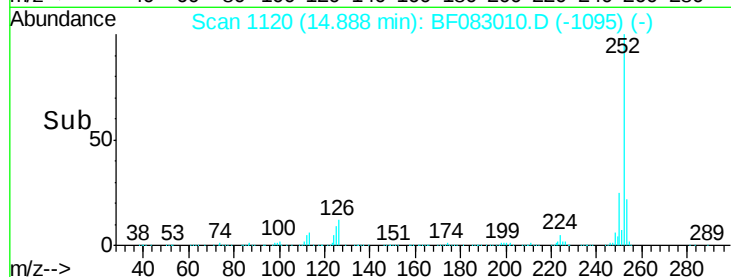
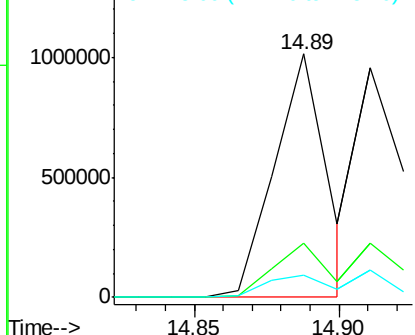
Tgt Ion:252 Resp: 1274129
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.1 5.4 8.2#

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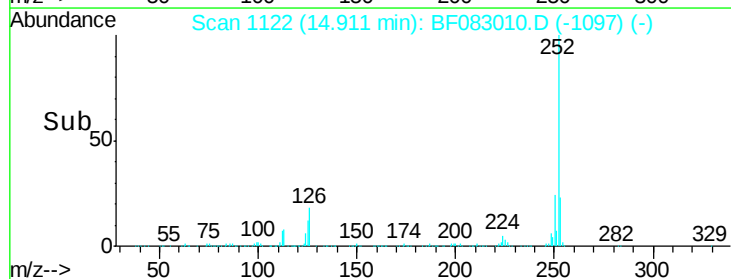
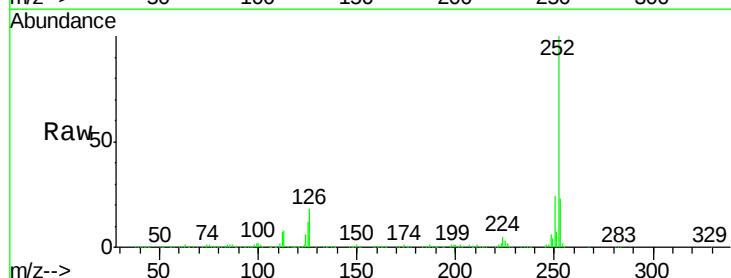
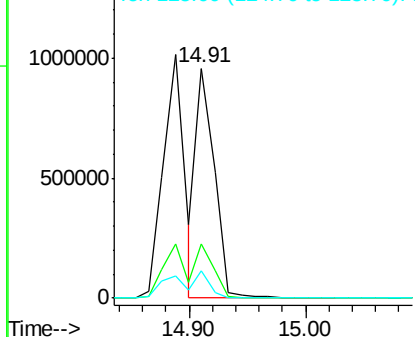
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

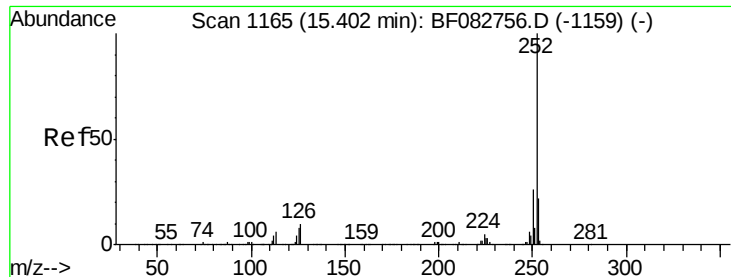


#88
Benzo(k)fluoranthene
Concen: 36.01 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion:252 Resp: 1055563
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 11.9 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





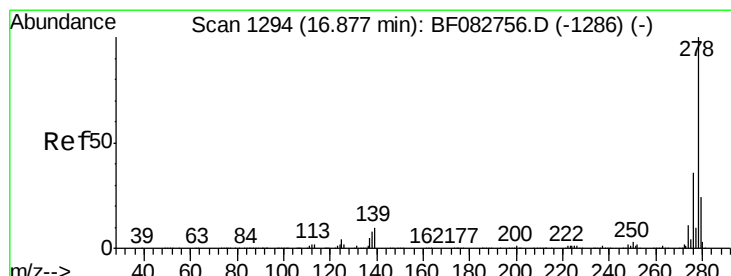
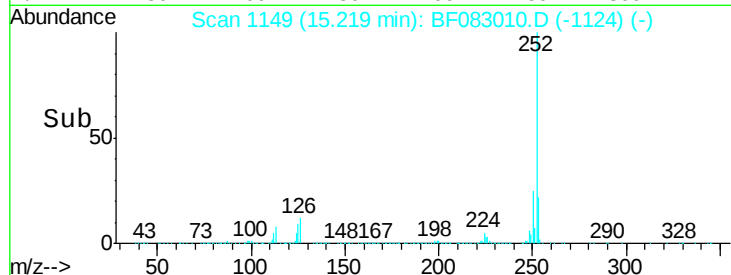
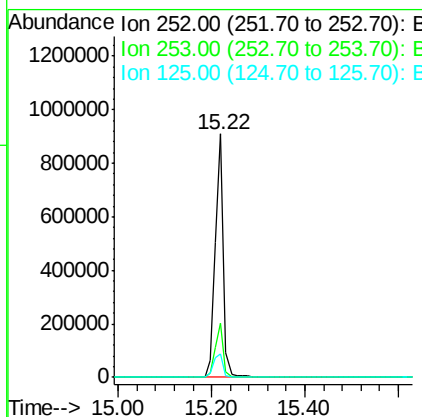
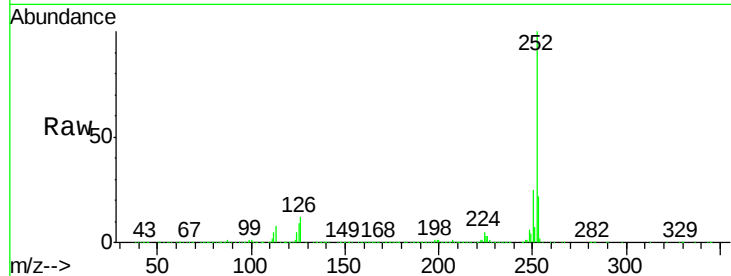
#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB86689BS

Tgt Ion: 252 Resp: 1103985
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.4 7.1 10.7

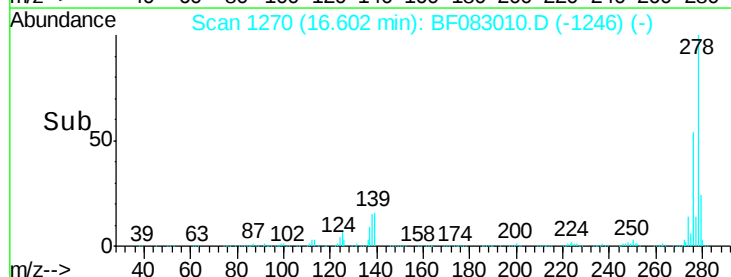
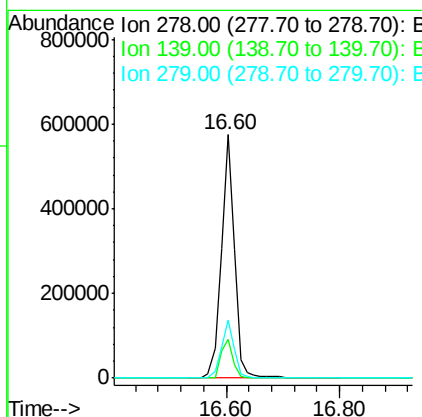
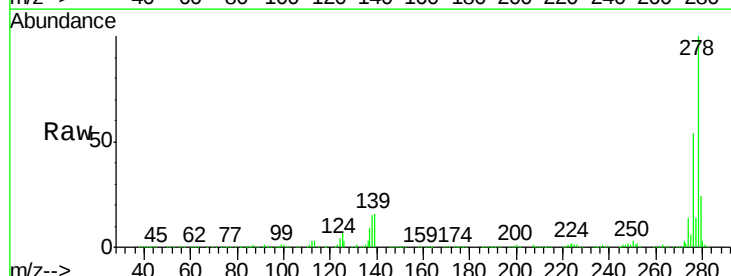
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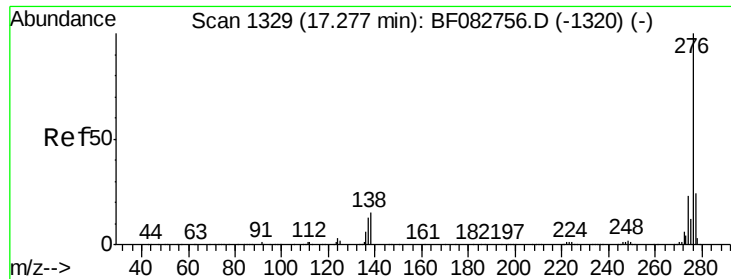
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#90
Dibenzo(a,h)anthracene
Concen: 38.60 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083010.D
Acq: 18 Nov 2015 15:07

Tgt Ion: 278 Resp: 935783
Ion Ratio Lower Upper
278 100
139 15.9 9.9 14.9#
279 24.0 19.6 29.4





#91
 Benzo(g,h,i)perylene
 Concen: 40.25 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083010.D
 Acq: 18 Nov 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86689BS

Tgt Ion:	276	Resp:	934774
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	22.9	13.1	19.7#

Manual Integrations
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