

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082177.D
 Acq On : 10 Oct 2015 15:35
 Operator : UM/IZ
 Sample : PB86038BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:35:02 PM

Quant Time: Oct 12 02:24:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98246	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	397462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	204986	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	381935	20.00	ng	0.00
75) Chrysene-d12	14.01	240	349183	20.00	ng	0.00
86) Perylene-d12	15.44	264	276251	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	592831	121.78	ng	0.01
7) Phenol-d6	6.48	99	749866	118.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	478407	80.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	221346	115.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1027913	83.16	ng	0.00
78) Terphenyl-d14	12.96	244	1095166	83.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	74106	30.30	ng	98
3) Pyridine	3.23	79	206692	36.34	ng	96
4) n-Nitrosodimethylamine	3.20	42	84651	35.09	ng	# 93
6) Aniline	6.50	93	211577	25.90	ng	95
8) 2-Chlorophenol	6.63	128	222504	37.44	ng	99
9) Benzaldehyde	6.39	77	107654	33.28	ng	93
10) Phenol	6.49	94	289592	39.65	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	235260	38.09	ng	97
12) 1,3-Dichlorobenzene	6.78	146	259677	37.52	ng	99
13) 1,4-Dichlorobenzene	6.86	146	266714	36.90	ng	98
14) 1,2-Dichlorobenzene	7.01	146	245643	35.79	ng	98
15) Benzyl Alcohol	6.98	79	170099	38.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	314251	36.54	ng	99
17) 2-Methylphenol	7.10	107	177376	37.75	ng	98
18) Hexachloroethane	7.35	117	90151	36.44	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	150636	33.86	ng	# 88
20) 3+4-Methylphenols	7.26	107	227668	40.66	ng	# 90
22) Acetophenone	7.26	105	300195	38.18	ng	# 98
24) Nitrobenzene	7.43	77	231235	36.09	ng	92
25) Isophorone	7.67	82	445182	37.27	ng	98
26) 2-Nitrophenol	7.75	139	129230	40.40	ng	93
27) 2,4-Dimethylphenol	7.78	122	204588	39.70	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	272408	39.19	ng	99
29) 2,4-Dichlorophenol	7.99	162	215378	41.81	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	219420	36.95	ng	99
31) Naphthalene	8.15	128	685677	39.80	ng	100
32) Benzoic acid	7.92	122	134090	38.77	ng	97
33) 4-Chloroaniline	8.21	127	120094	16.78	ng	95
34) Hexachlorobutadiene	8.26	225	140860	38.07	ng	97
35) Caprolactam	8.58	113	62313m	41.68	ng	
36) 4-Chloro-3-methylphenol	8.69	107	209533	41.59	ng	99
37) 2-Methylnaphthalene	8.85	142	460155	38.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228742	37.52	ng	99
40) Hexachlorocyclopentadiene	8.99	237	246548	79.92	ng	99

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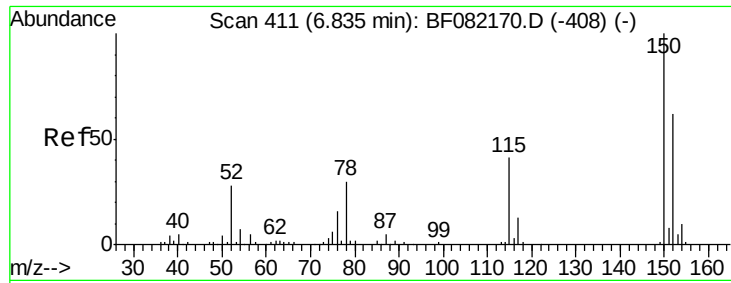
Manual Integrations
 APPROVED

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 10/12/2015 2:35:02 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151998	37.53	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	163262	37.22	ng	99
45) 1,1'-Biphenyl	9.30	154	550585	35.22	ng	98
46) 2-Chloronaphthalene	9.34	162	448603	36.46	ng	98
47) 2-Nitroaniline	9.43	65	124890	36.97	ng	97
48) Acenaphthylene	9.75	152	734058	38.29	ng	99
49) Dimethylphthalate	9.61	163	530431	36.75	ng	100
50) 2,6-Dinitrotoluene	9.68	165	126492	41.53	ng	87
51) Acenaphthene	9.92	154	436693	37.95	ng	99
52) 3-Nitroaniline	9.85	138	63328	18.41	ng	96
53) 2,4-Dinitrophenol	9.95	184	131148	77.29	ng	# 91
54) Dibenzofuran	10.09	168	636456	40.28	ng	100
55) 4-Nitrophenol	10.01	139	157439	69.81	ng	85
56) 2,4-Dinitrotoluene	10.08	165	149096	39.17	ng	95
57) Fluorene	10.43	166	513861	39.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131010	36.55	ng	99
59) Diethylphthalate	10.31	149	506847	37.67	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	230266	38.74	ng	97
61) 4-Nitroaniline	10.47	138	122473	36.70	ng	97
62) Azobenzene	10.58	77	502482	38.16	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	91913	42.88	ng	92
65) n-Nitrosodiphenylamine	10.55	169	447148	39.10	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	155506	40.68	ng	99
67) Hexachlorobenzene	10.98	284	159762	38.65	ng	98
68) Atrazine	11.07	200	129635	35.78	ng	99
69) Pentachlorophenol	11.18	266	185713	87.30	ng	98
70) Phenanthrene	11.40	178	724224	38.68	ng	100
71) Anthracene	11.45	178	805189	41.74	ng	99
72) Carbazole	11.60	167	641442	36.45	ng	99
73) Di-n-butylphthalate	11.93	149	842879	38.83	ng	100
74) Fluoranthene	12.58	202	801576	39.87	ng	100
76) Benzidine	12.71	184	317732	31.40	ng	99
77) Pyrene	12.81	202	781309	37.70	ng	100
79) Butylbenzylphthalate	13.43	149	343151	36.29	ng	98
80) Benzo(a)anthracene	14.00	228	704020	38.75	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	170753	24.76	ng	99
82) Chrysene	14.04	228	620412	32.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	504716	37.41	ng	100
84) Di-n-octyl phthalate	14.60	149	836246	36.09	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	565524	37.17	ng	99
87) Benzo(b)fluoranthene	15.03	252	748859m	44.56	ng	
88) Benzo(k)fluoranthene	15.06	252	474713m	33.60	ng	
89) Benzo(a)pyrene	15.38	252	572490	39.64	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	474475	40.09	ng	99
91) Benzo(g,h,i)perylene	17.28	276	452135	39.32	ng	100

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



#1

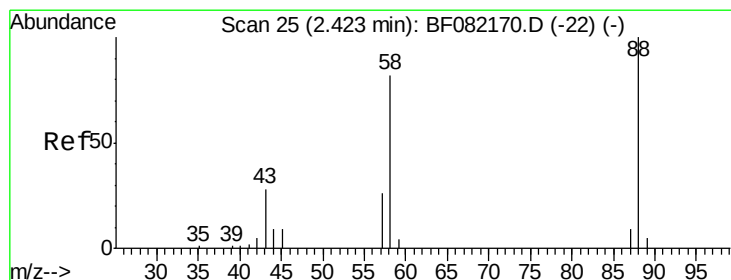
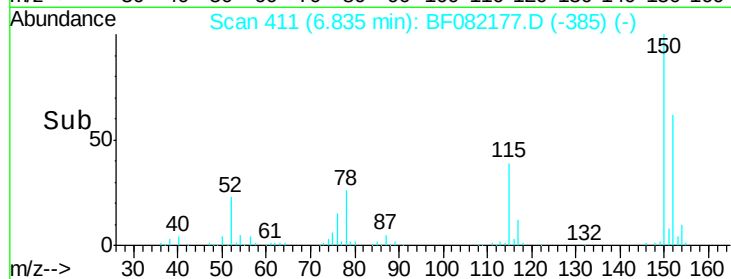
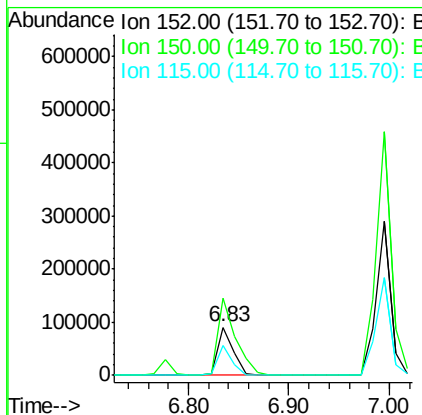
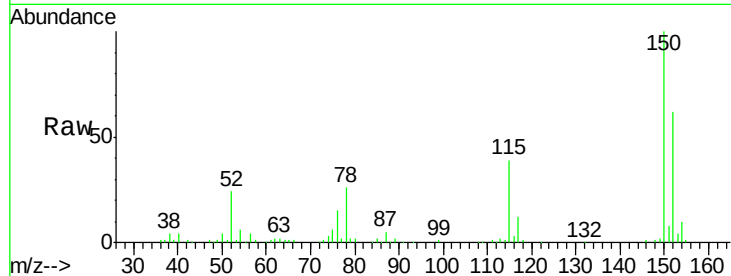
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	129.0	193.4
115	62.2	52.1	78.1

Manual Integrations
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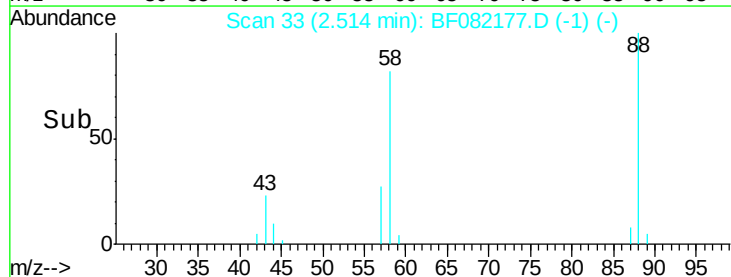
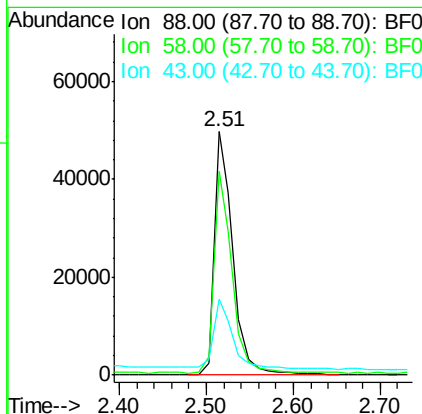
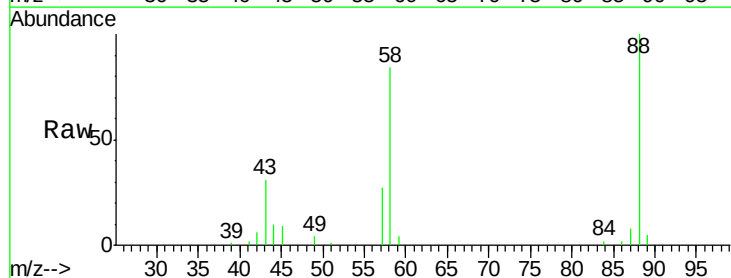
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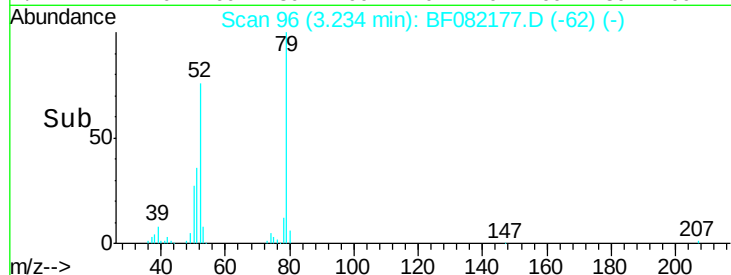
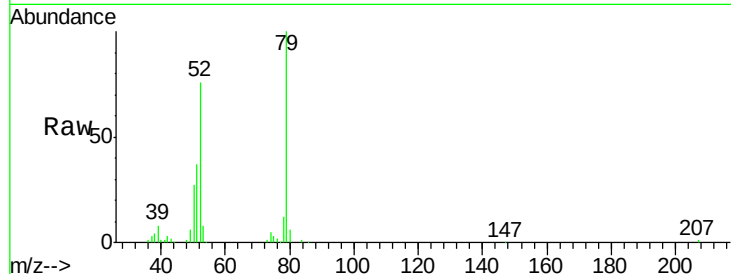
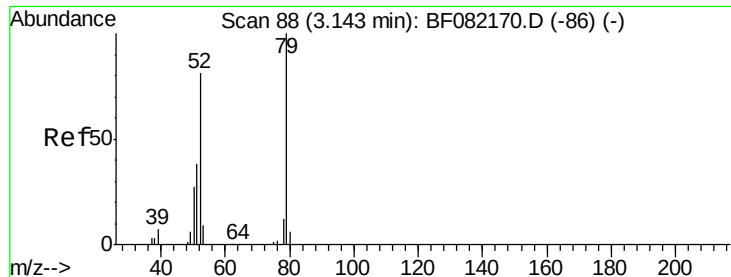


#2

1,4-Dioxane
Concen: 30.30 ng
RT: 2.51 min Scan# 33
Delta R.T. 0.09 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	66.2	99.4
43	29.3	23.0	34.4





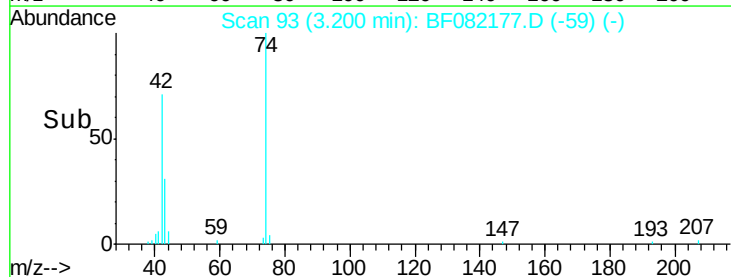
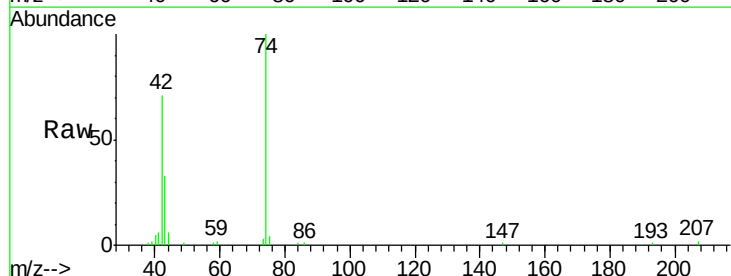
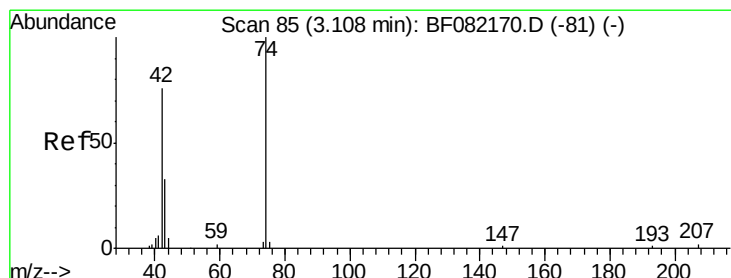
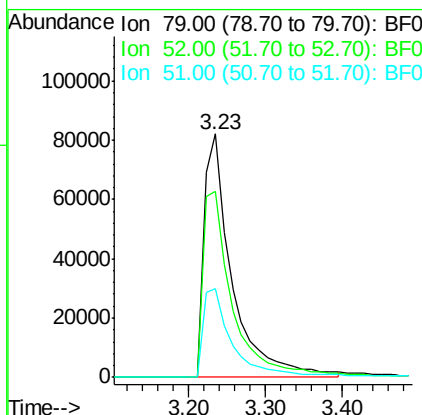
#3
 Pyridine
 Concen: 36.34 ng
 RT: 3.23 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	206692		
52	76.5	64.4	96.6	
51	36.7	30.5	45.7	

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

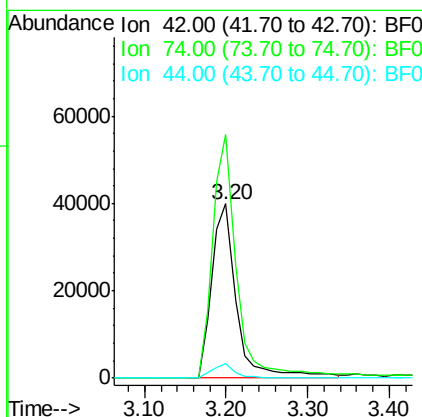
Manual Integrations
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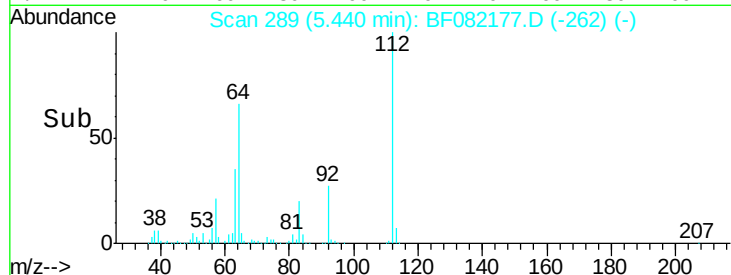
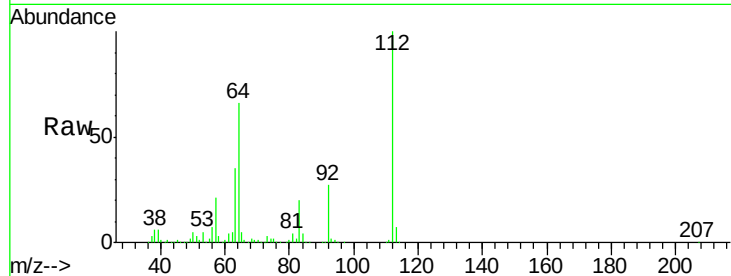
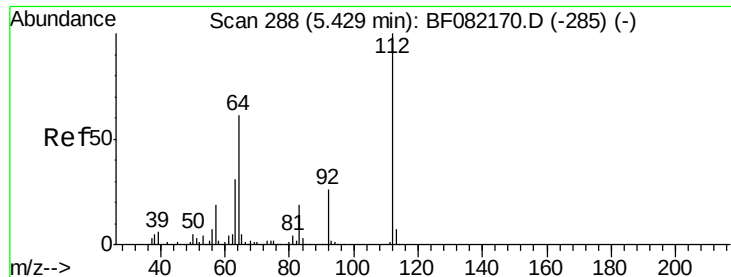
MMDadoda
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#4
 n-Nitrosodimethylamine
 Concen: 35.09 ng
 RT: 3.20 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	84651		
74	140.0	105.7	158.5	
44	8.4	5.4	8.2#	





#5

2-Fluorophenol

Concen: 121.78 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	592831		
64	65.7	48.6	73.0	
63	34.9	25.1	37.7	

Instrument :

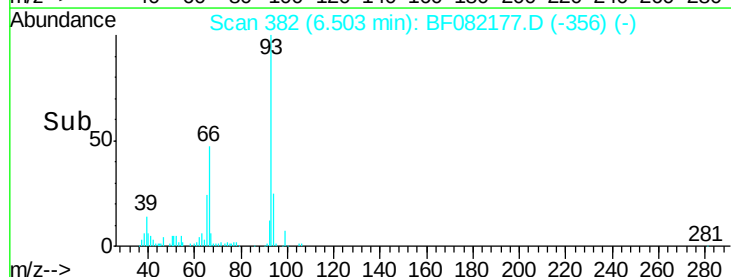
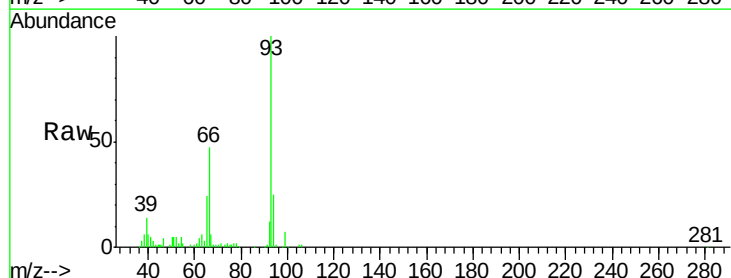
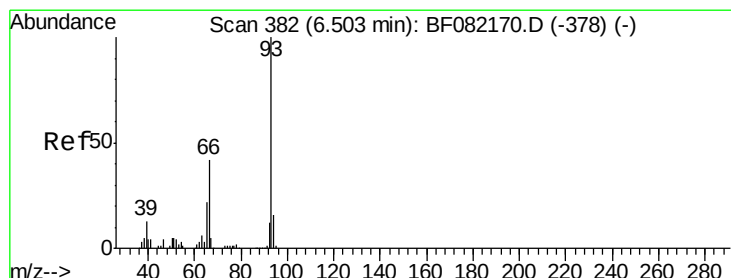
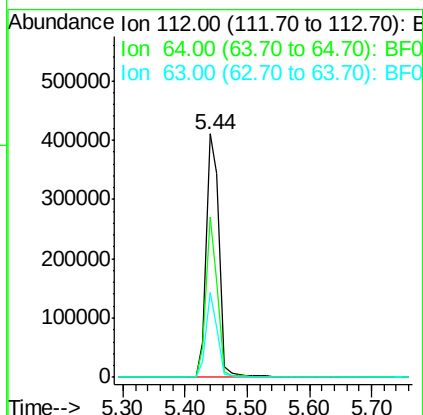
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 25.90 ng

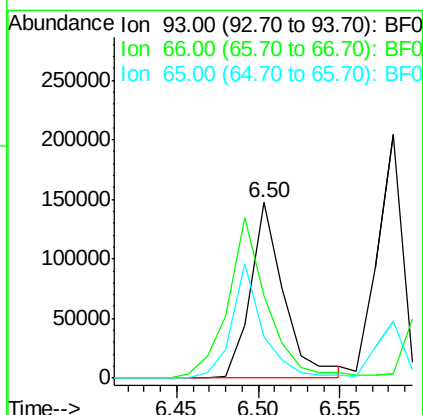
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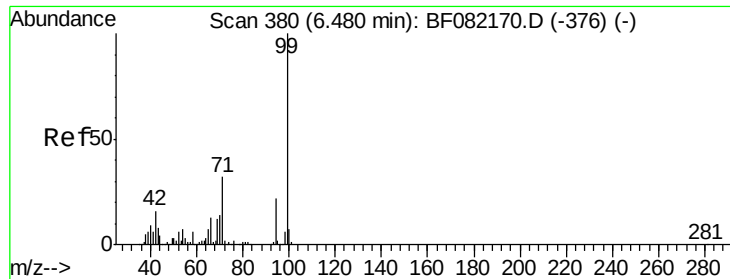
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211577		
66	46.6	34.2	51.2	
65	23.7	17.9	26.9	





#7

Phenol-d6

Concen: 118.37 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

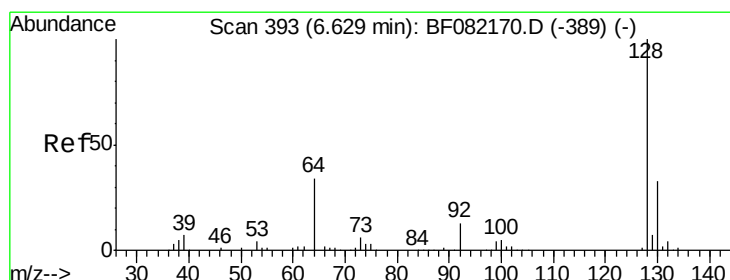
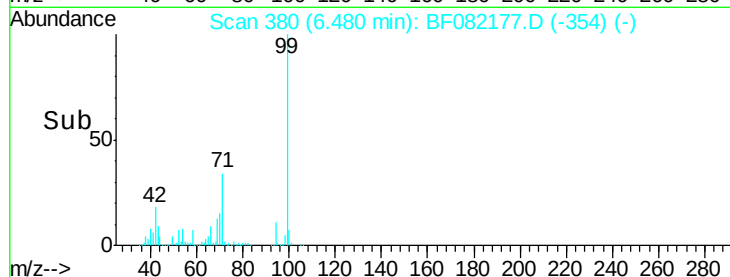
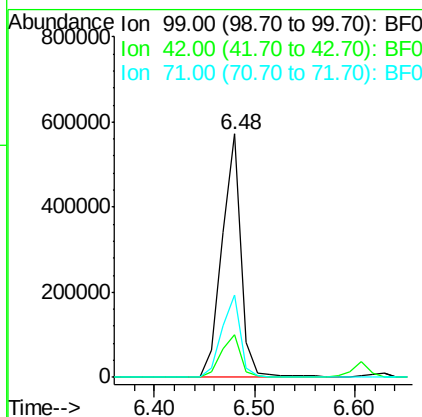
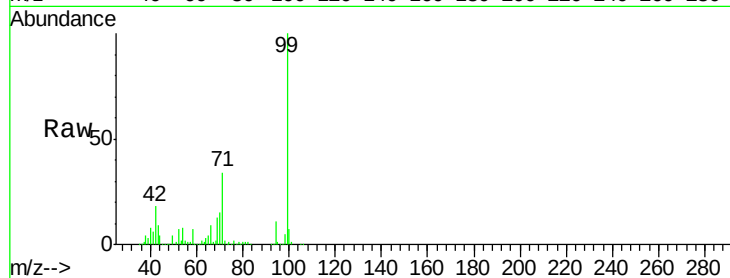
ClientSampleId :

PB86038BS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		749866		
42	17.7	13.2	19.8		
71	33.9	25.6	38.4		



#8

2-Chlorophenol

Concen: 37.44 ng

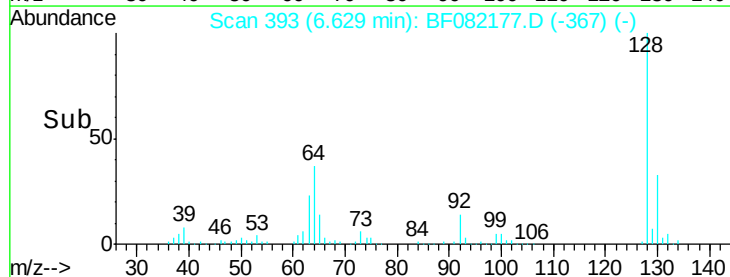
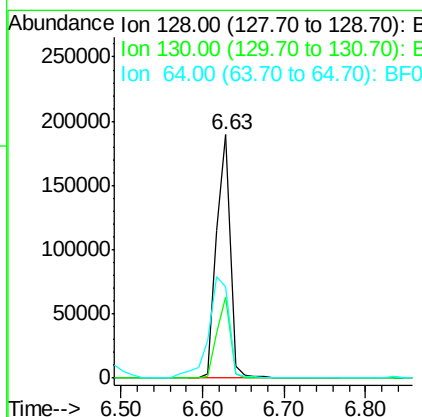
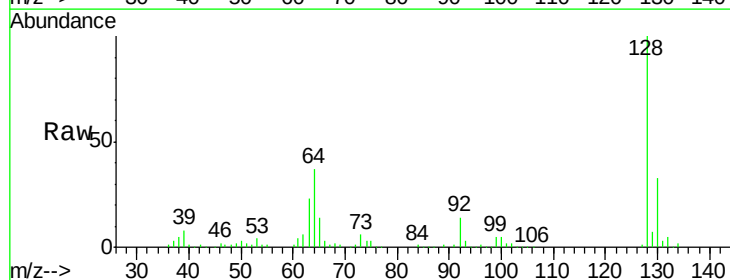
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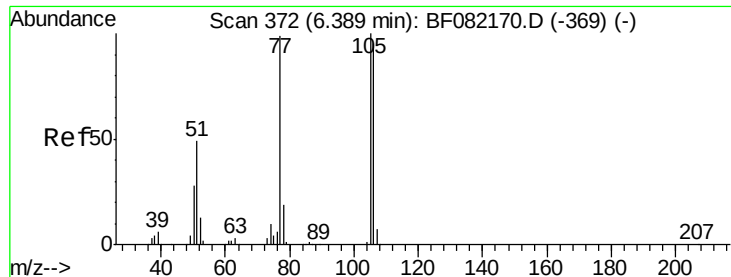
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		222504		
130	33.2	12.6	52.6		
64	37.5	16.7	56.7		





#9

Benzaldehyde

Concen: 33.28 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082177.D

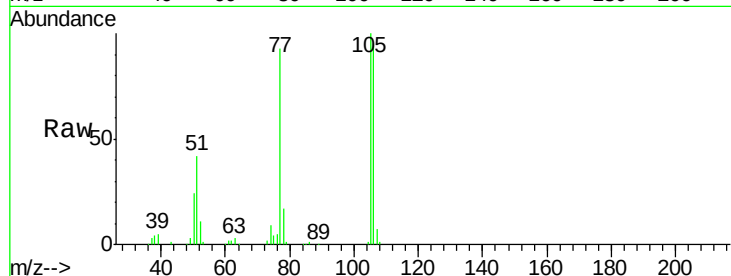
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Instrument :

BNA_F

ClientSampleId :

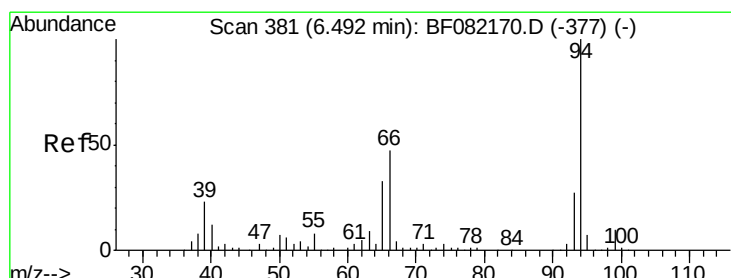
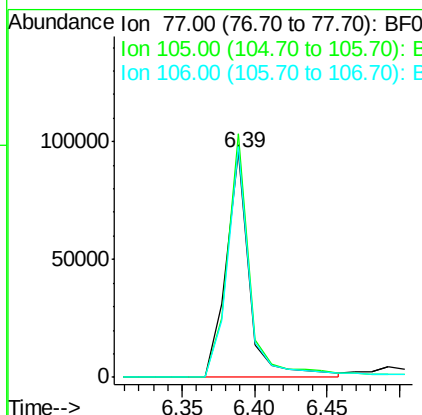
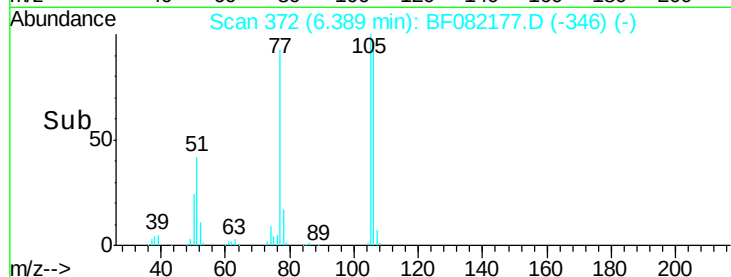
PB86038BS



Tgt Ion:	77	Resp:	107654
Ion	Ratio	Lower	Upper
77	100		
105	107.9	80.6	120.6
106	102.5	75.5	115.5

Manual Integrations
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#10

Phenol

Concen: 39.65 ng

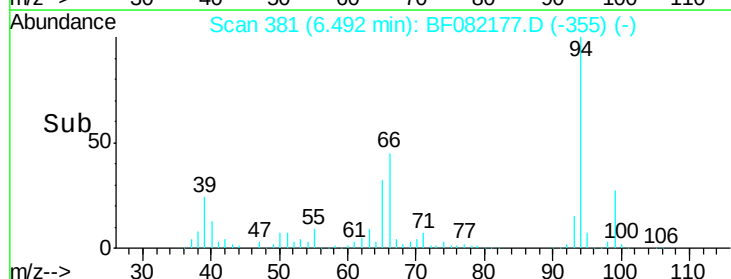
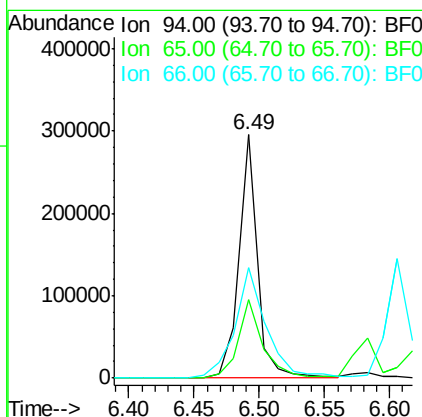
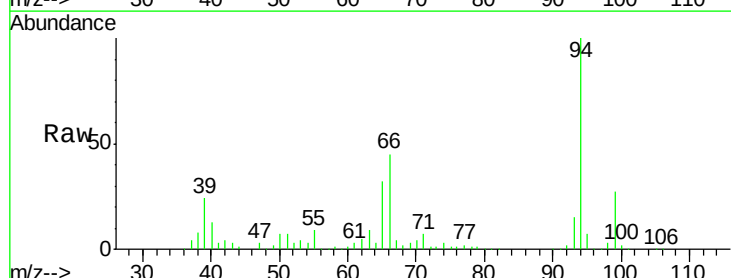
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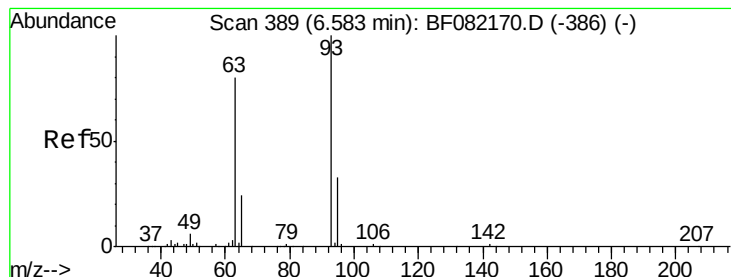
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:	94	Resp:	289592
Ion	Ratio	Lower	Upper
94	100		
65	32.4	12.6	52.6
66	45.5	27.3	67.3





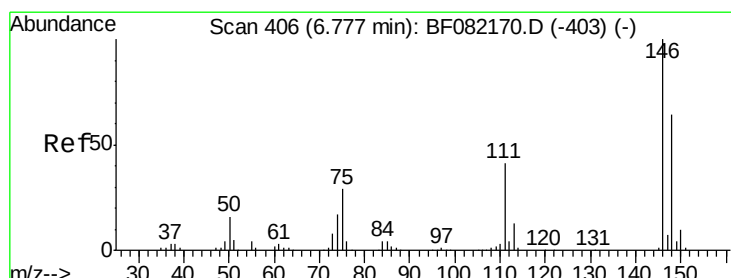
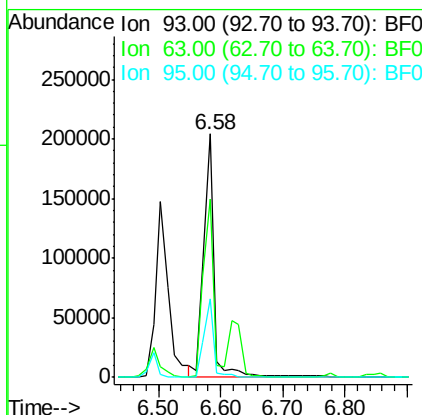
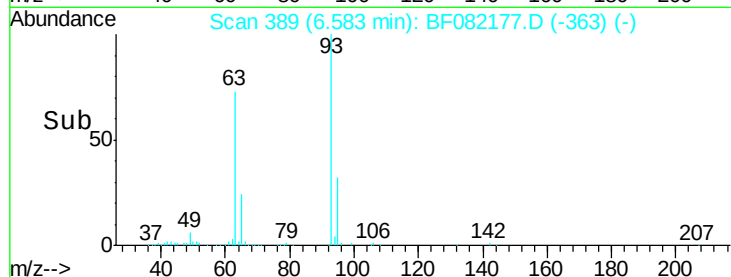
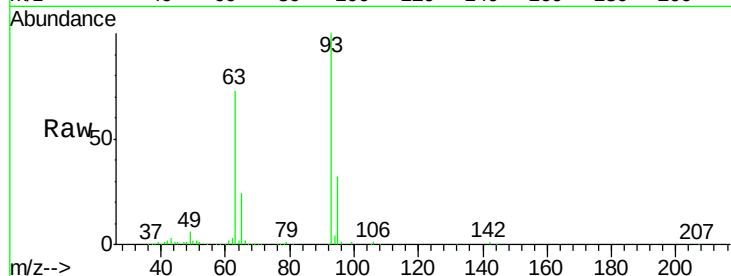
#11
bis(2-Chloroethyl)ether
Concen: 38.09 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	73.5	57.1	97.1
95	32.3	11.9	51.9

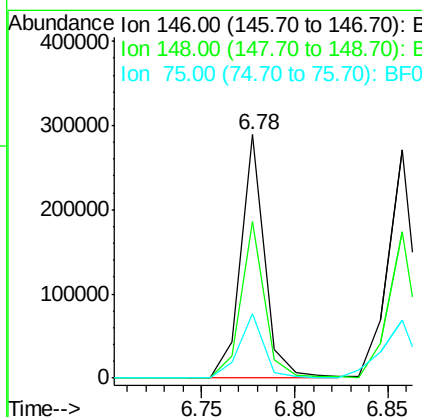
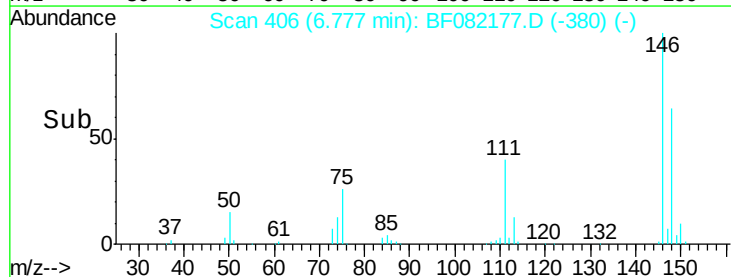
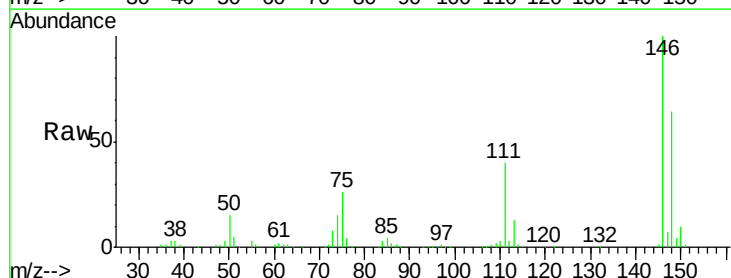
Manual Integrations
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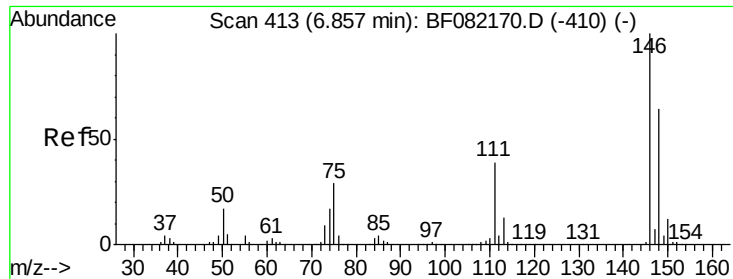
MMDadoda
10/12/2015 2:35:02 PM



#12
1,3-Dichlorobenzene
Concen: 37.52 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.4	51.4	77.2
75	26.3	23.0	34.6





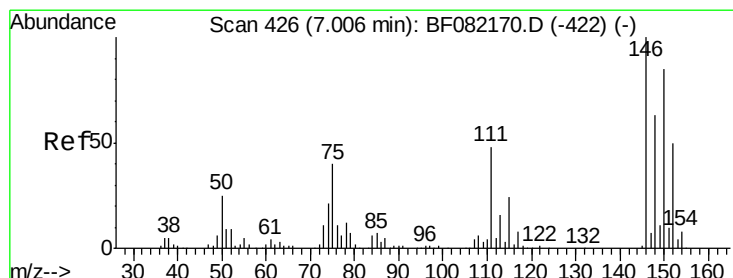
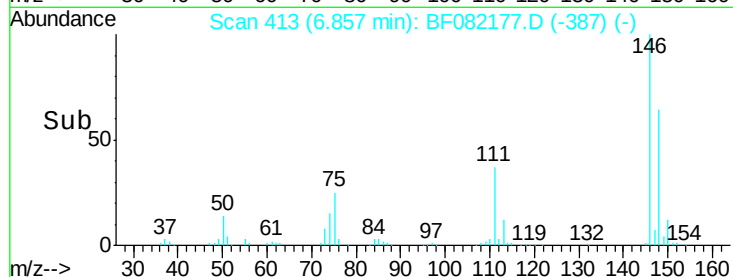
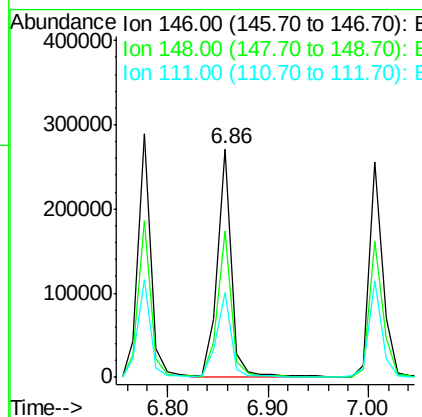
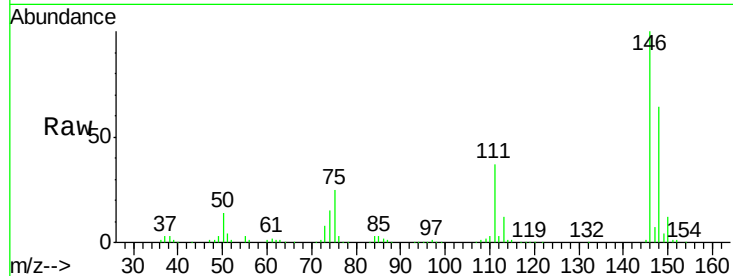
#13
 1,4-Dichlorobenzene
 Concen: 36.90 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.3	51.0	76.4
111	37.0	31.1	46.7

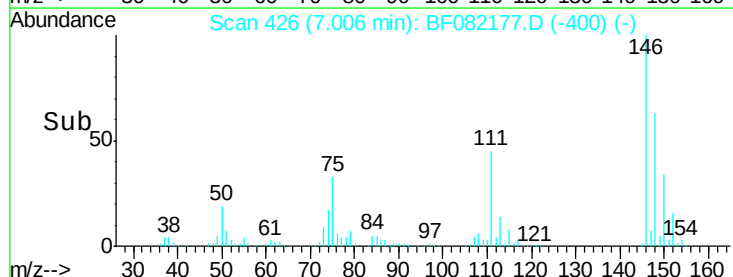
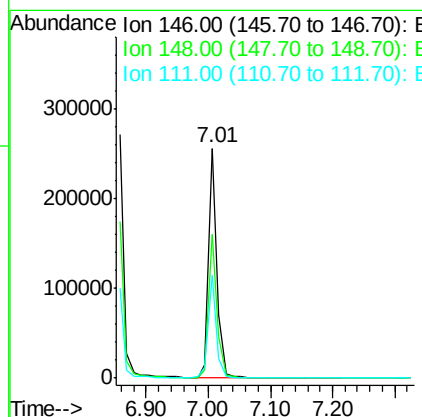
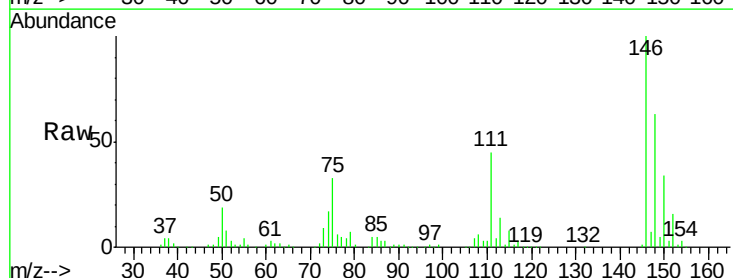
Manual Integrations
 APPROVED

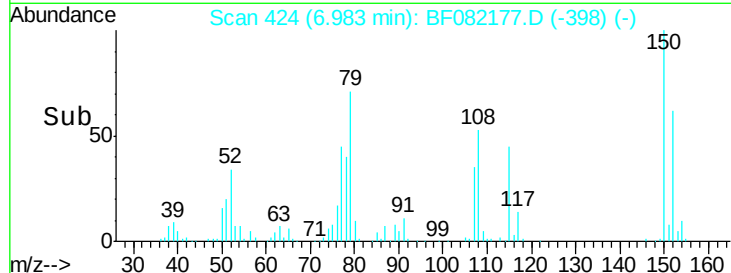
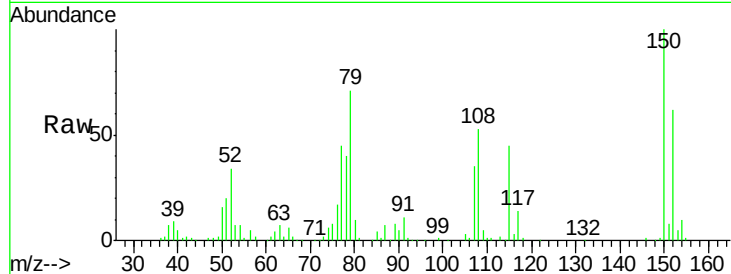
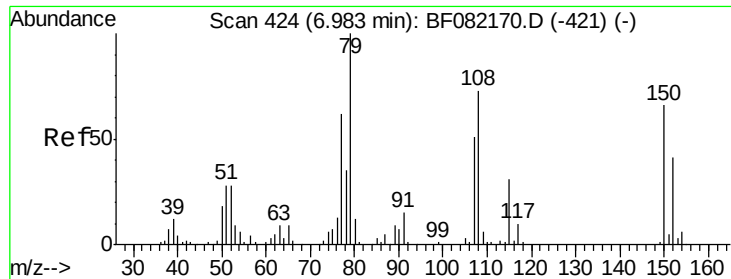
MMDadoda
 10/12/2015 2:35:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.79 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.8	50.5	75.7
111	44.8	38.5	57.7





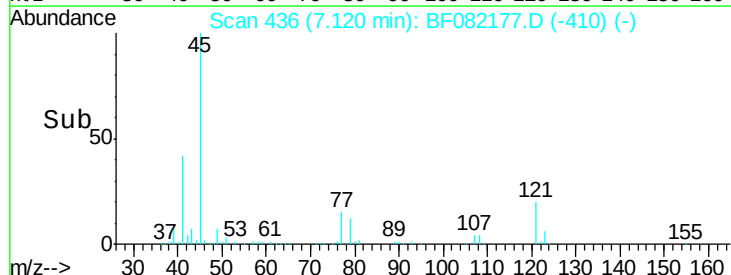
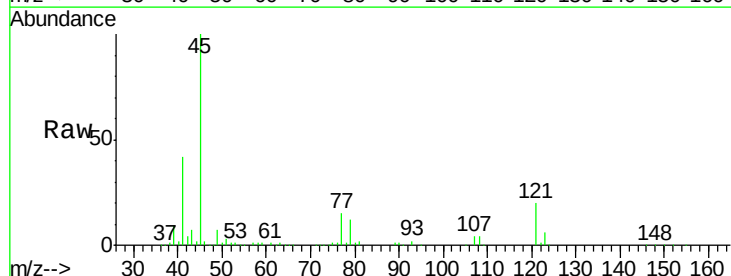
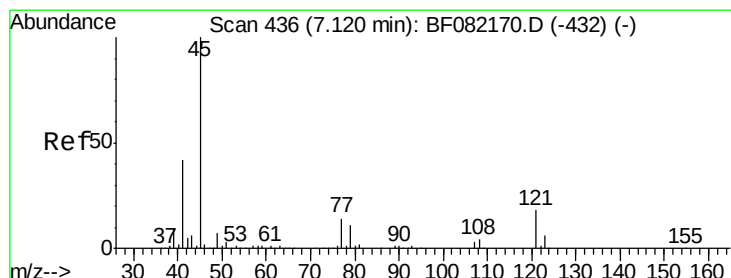
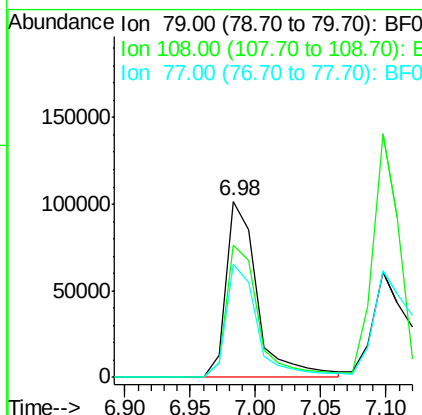
#15
Benzyl Alcohol
Concen: 38.90 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.1	58.4	87.6
77	63.9	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
PB86038BS

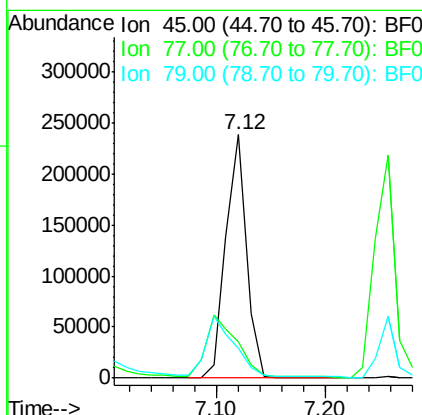
Manual Integrations
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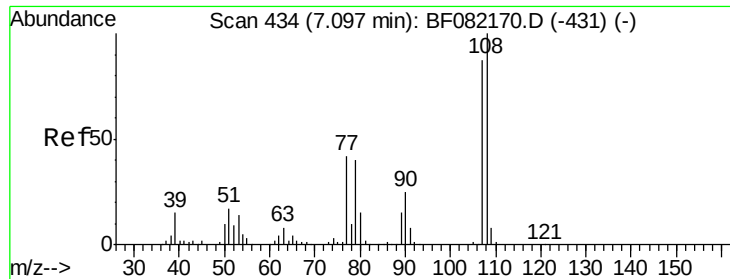
MMDadoda
10/12/2015 2:35:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.54 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.5
79	12.1	0.0	31.6





#17

2-Methylphenol

Concen: 37.75 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082177.D

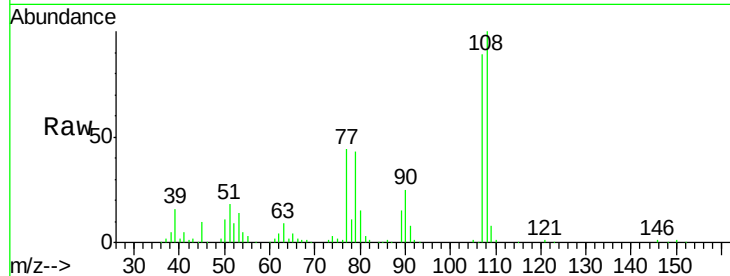
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB86038BS



Tgt Ion:107 Resp: 177376

Ion Ratio Lower Upper

107 100

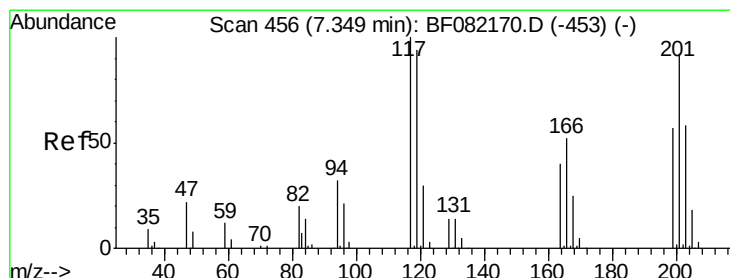
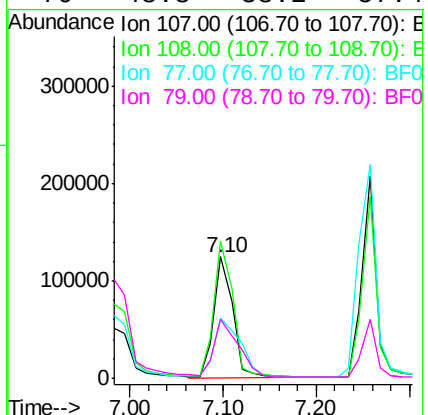
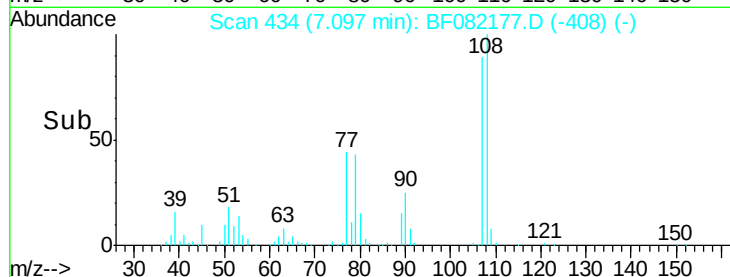
108 112.7 92.2 138.2

77 49.1 39.6 59.4

79 48.8 38.2 57.4

Manual Integrations
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MMDadoda
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#18

Hexachloroethane

Concen: 36.44 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

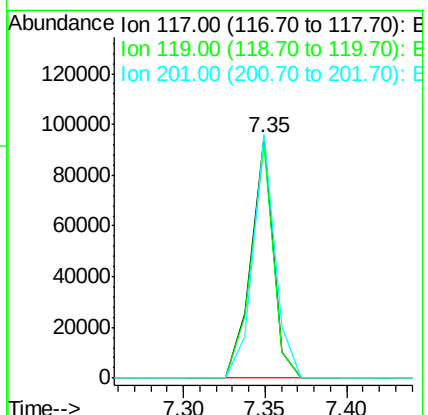
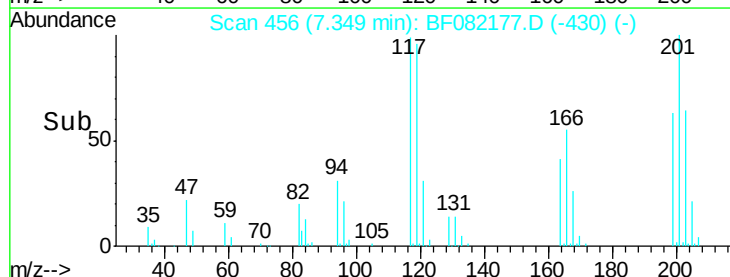
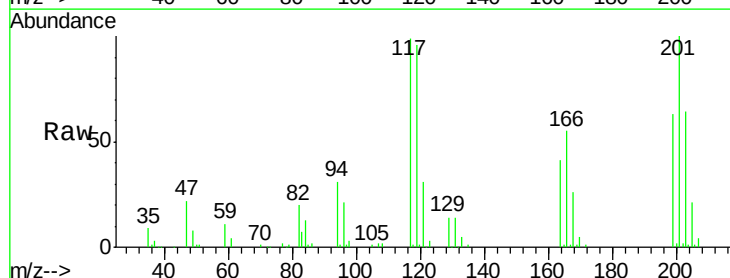
Tgt Ion:117 Resp: 90151

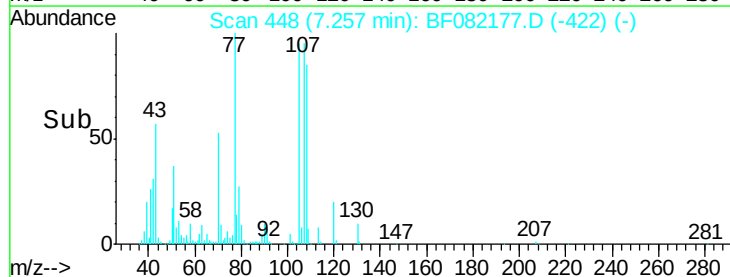
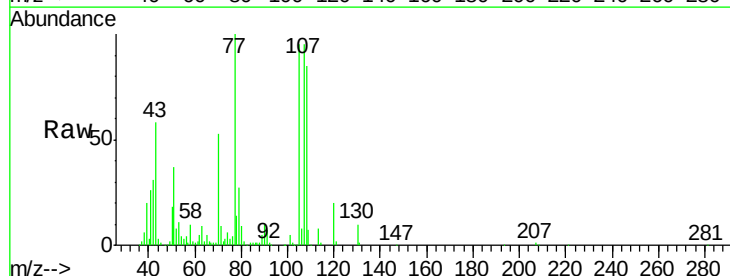
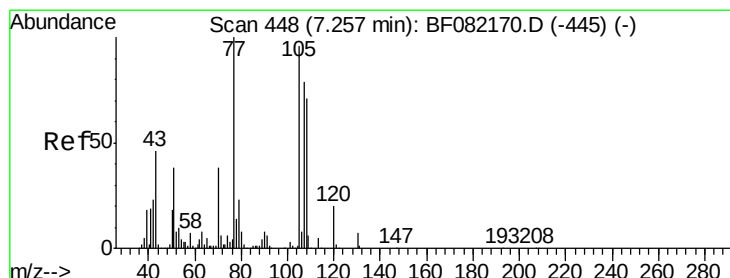
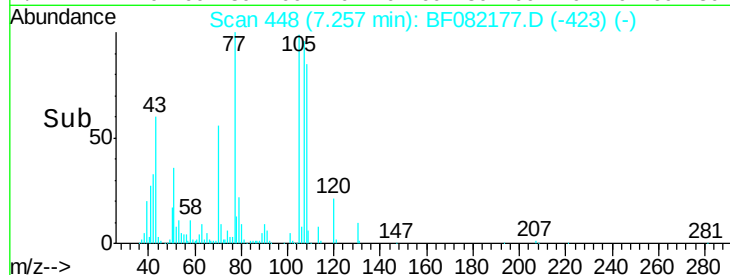
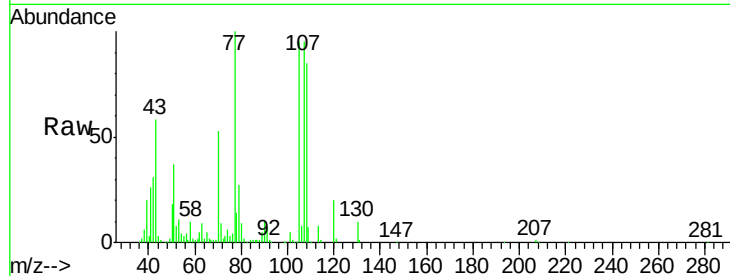
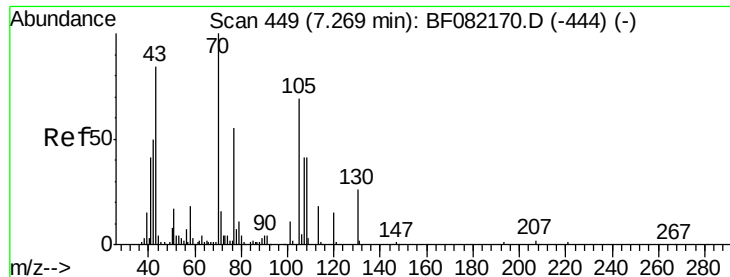
Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.2

201 101.1 73.4 110.0





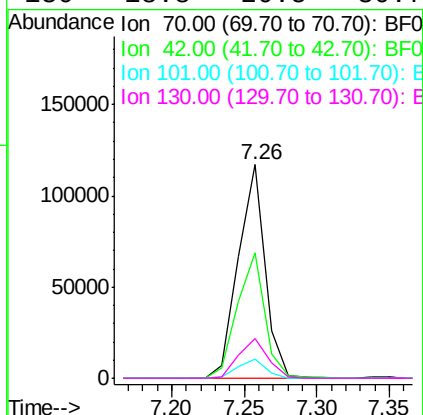
#19
n-Nitroso-di-n-propylamine
Concen: 33.86 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.9	39.8	59.8
101	9.1	8.6	13.0
130	18.8	20.5	30.7#

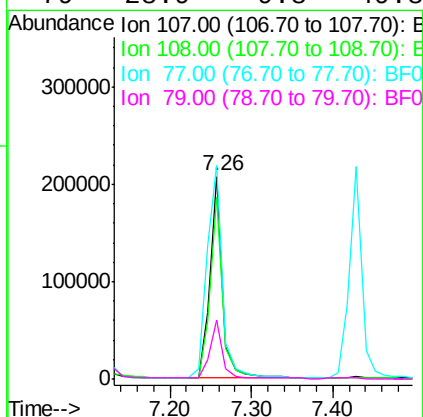
Manual Integrations
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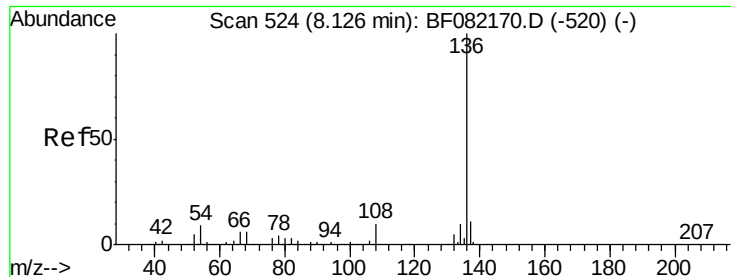
MMDadoda
10/12/2015 2:35:02 PM



#20
3+4-Methylphenols
Concen: 40.66 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	105.3	106.0	146.0#
79	28.9	9.8	49.8





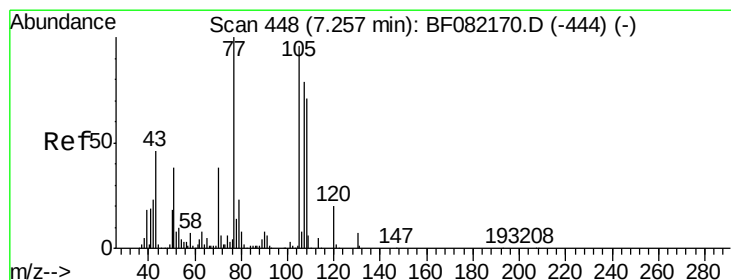
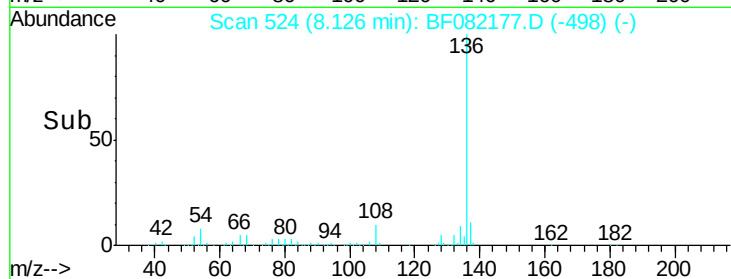
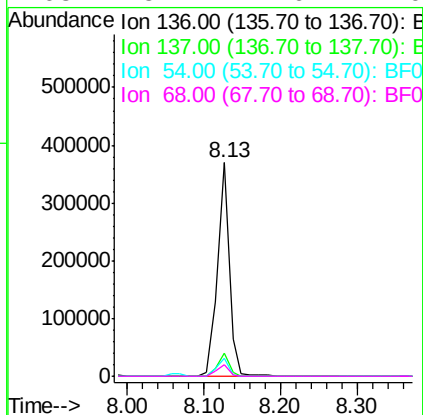
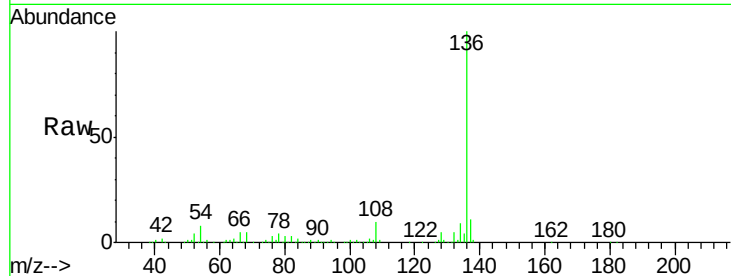
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	397462		
137	10.8	9.0	13.6	
54	8.3	7.5	11.3	
68	5.4	4.6	7.0	

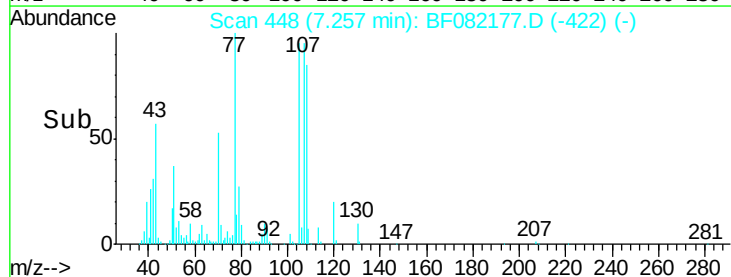
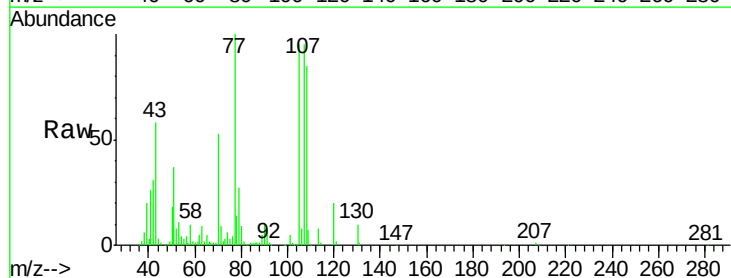
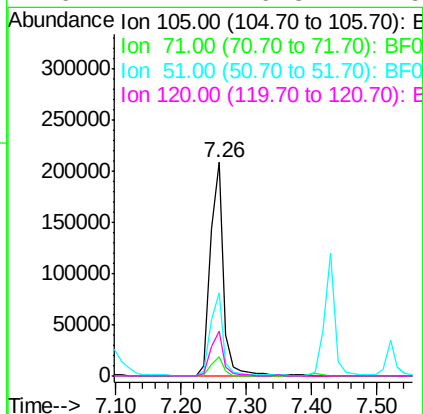
Manual Integrations
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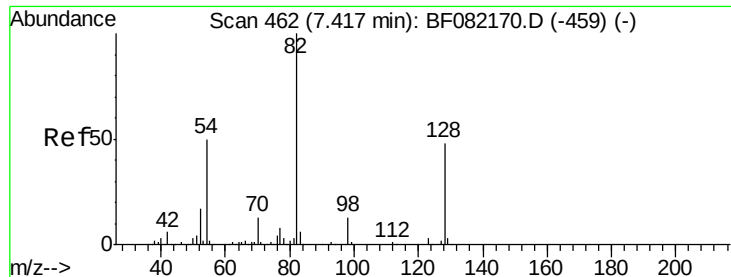
MMDadoda
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#22
Acetophenone
Concen: 38.18 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300195		
71	9.2	5.4	8.0#	
51	38.7	31.8	47.6	
120	21.1	16.3	24.5	





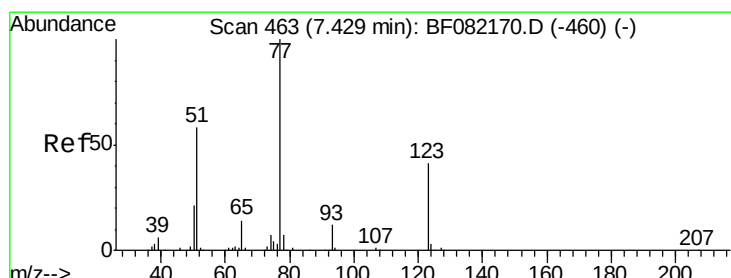
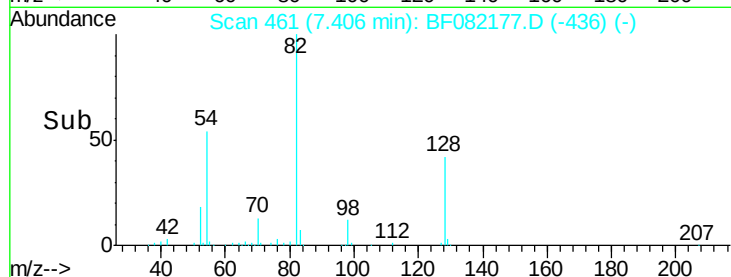
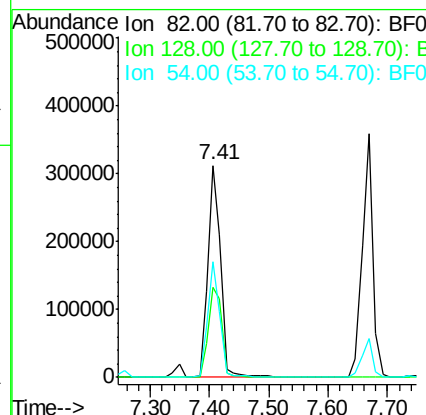
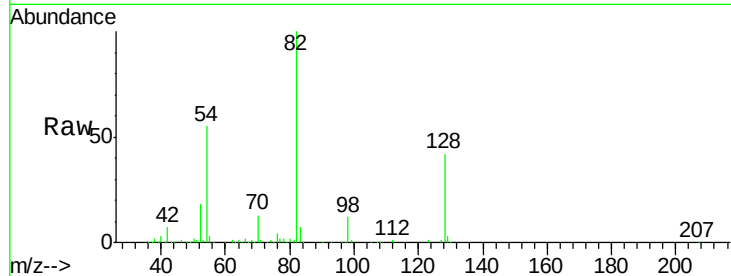
#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	38.7	58.1
54	54.5	40.1	60.1

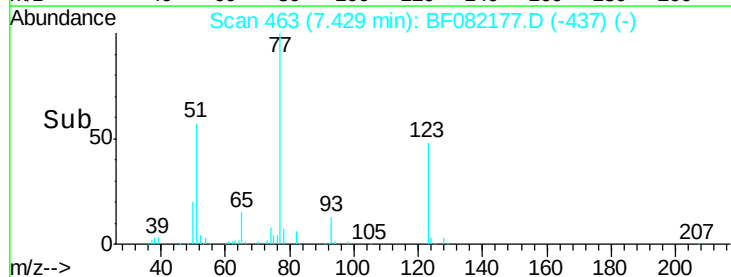
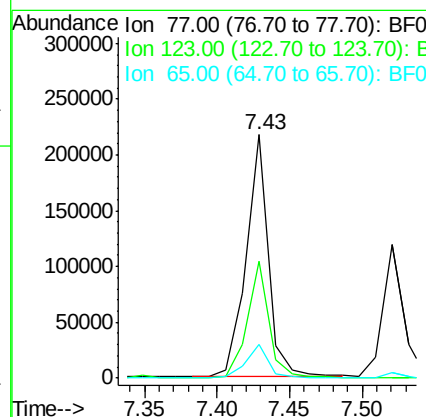
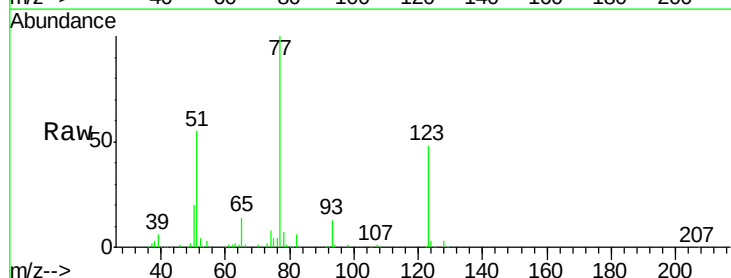
Manual Integrations
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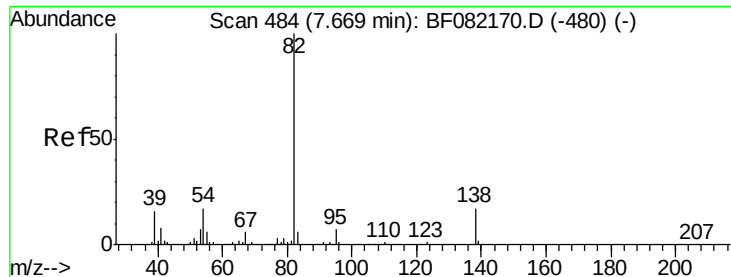
MMDadoda
 10/12/2015 2:35:02 PM



#24
 Nitrobenzene
 Concen: 36.09 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 37.27 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

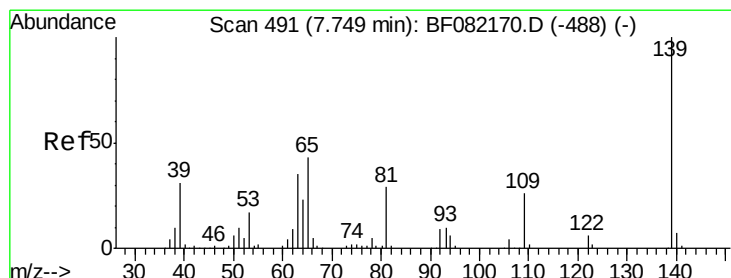
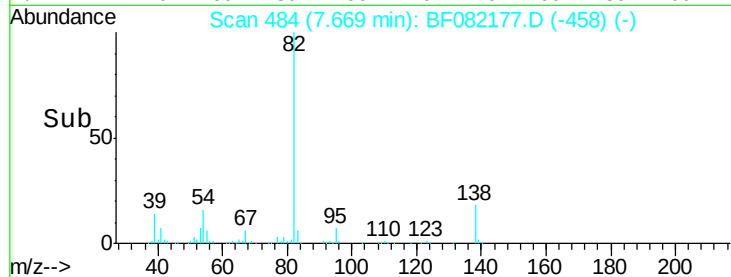
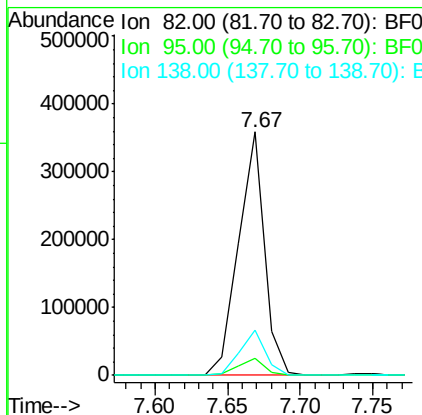
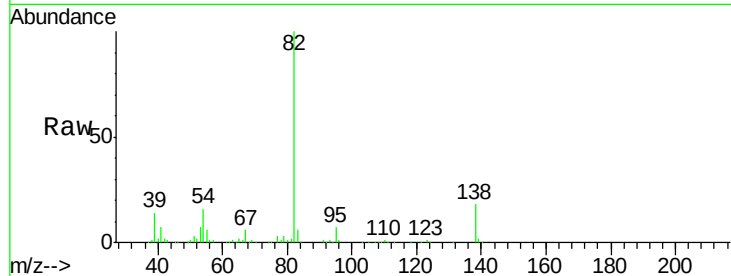
ClientSampleId :

PB86038BS

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Tgt Ion:	82	Resp:	445182
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	18.5	13.6	20.4



#26

2-Nitrophenol

Concen: 40.40 ng

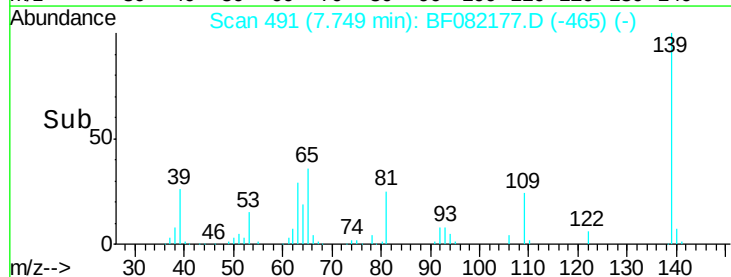
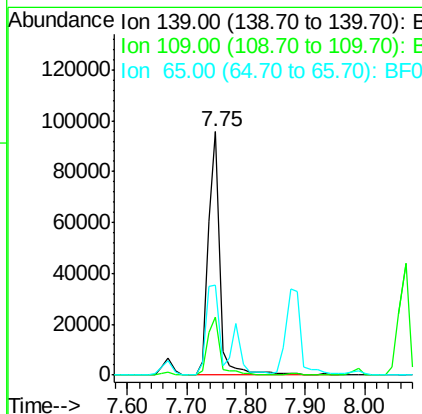
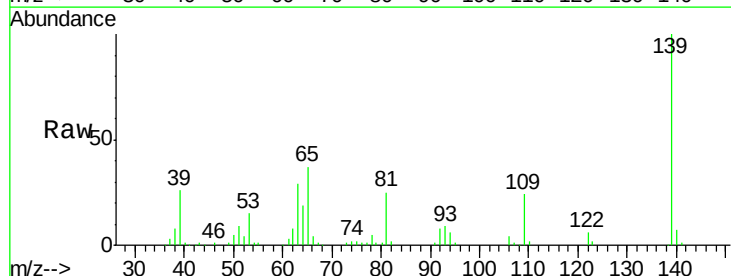
RT: 7.75 min Scan# 491

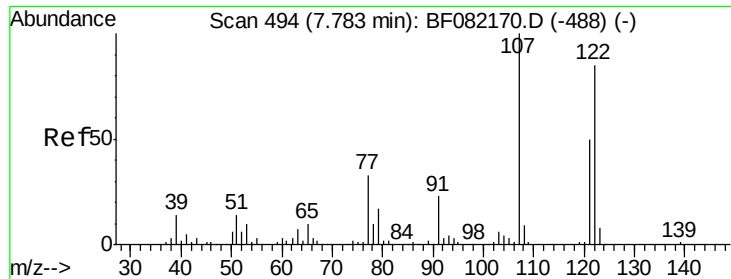
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:	139	Resp:	129230
Ion Ratio	Lower	Upper	
139	100		
109	23.8	20.6	31.0
65	36.8	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 39.70 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

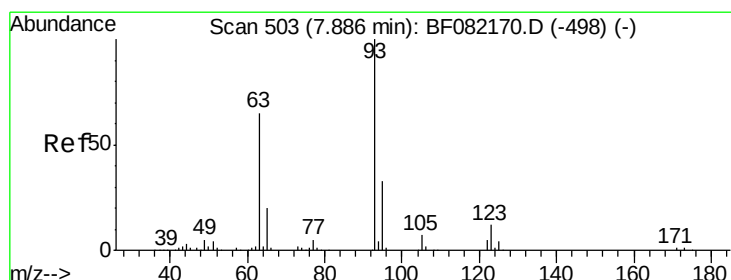
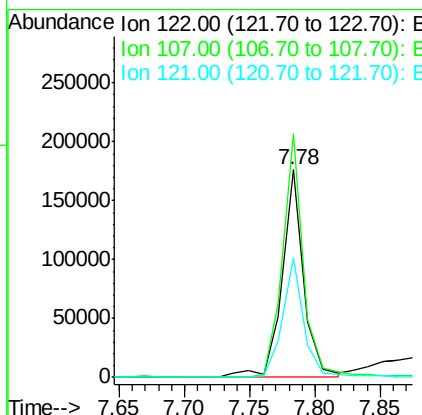
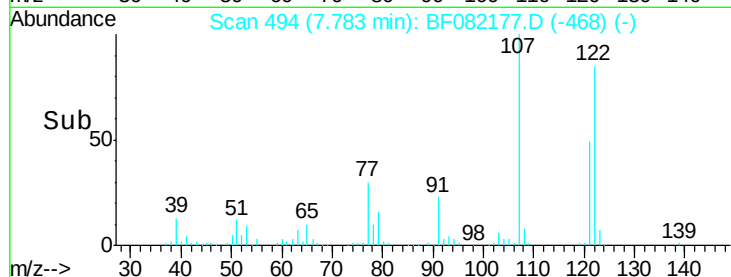
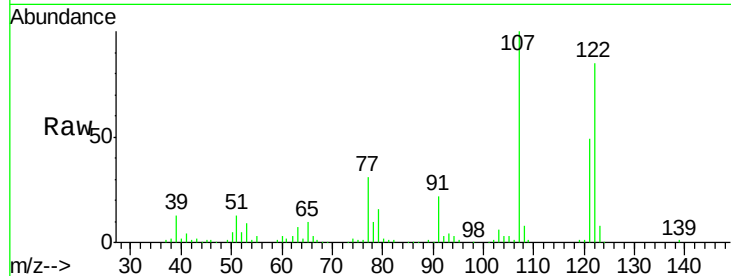
ClientSampleId :

PB86038BS

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Tgt Ion:	122	Resp:	204588
Ion Ratio	Lower	Upper	
122	100		
107	117.4	94.0	141.0
121	57.6	46.8	70.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.19 ng

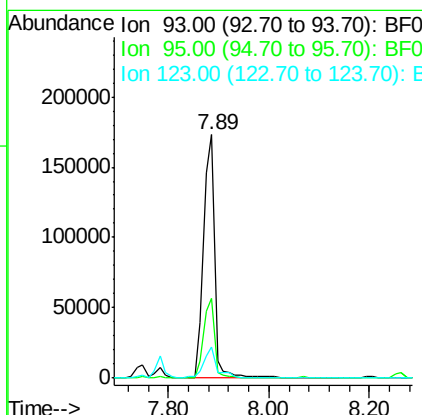
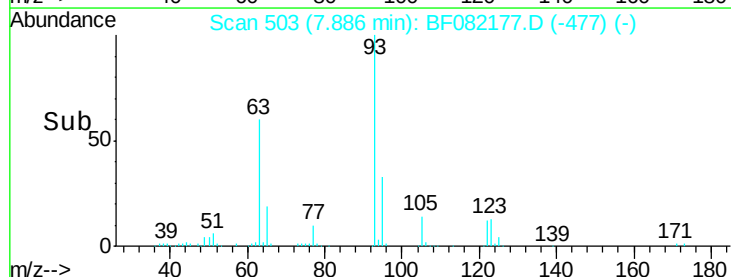
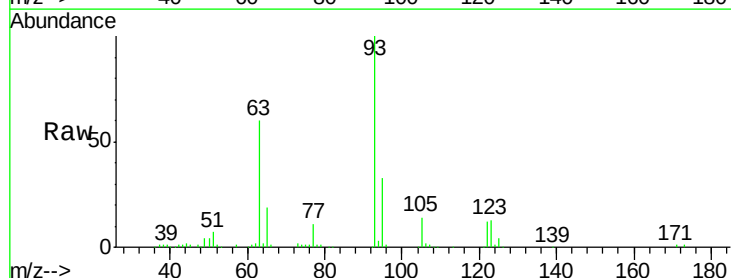
RT: 7.89 min Scan# 503

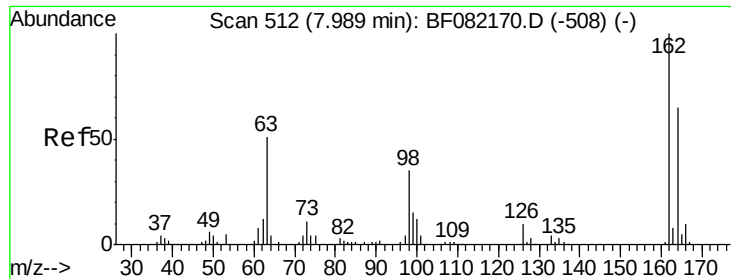
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:	93	Resp:	272408
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.6	39.8
123	12.6	9.5	14.3





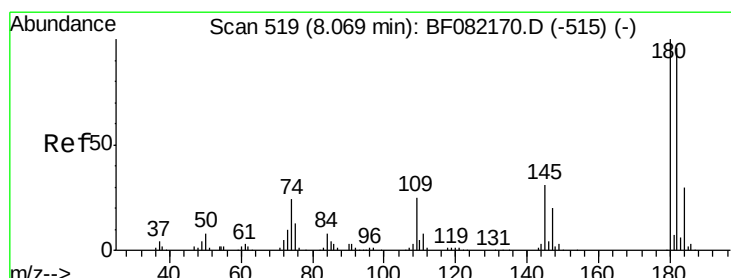
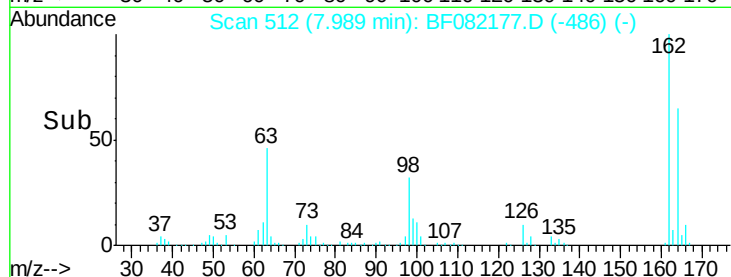
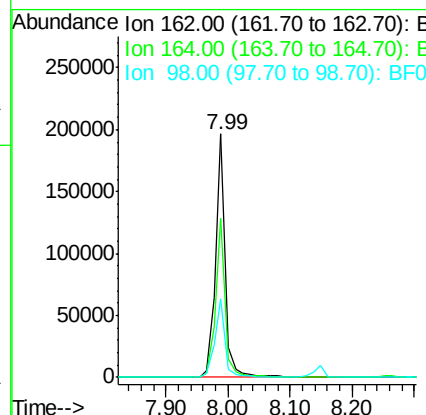
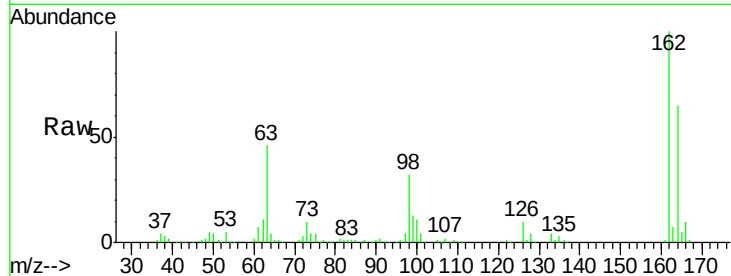
#29
2,4-Dichlorophenol
Concen: 41.81 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	44.6	84.6
98	32.4	15.0	55.0

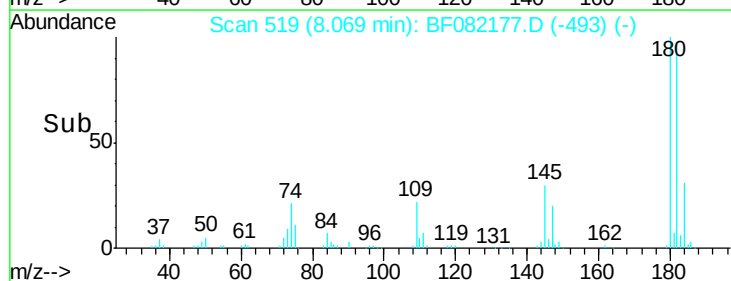
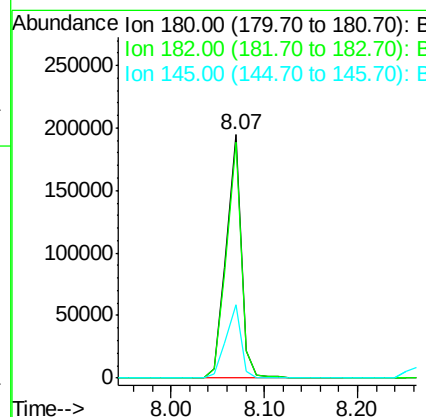
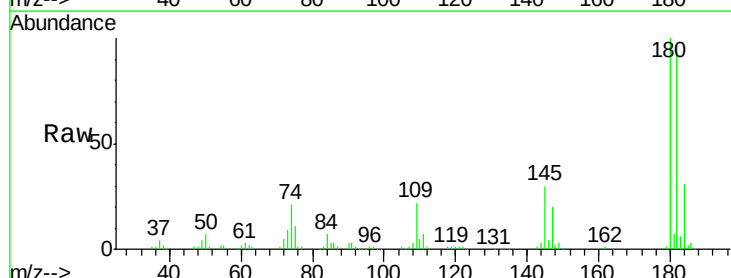
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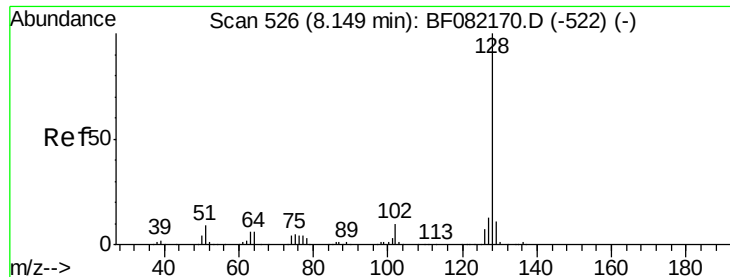
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 36.95 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	77.0	115.4
145	29.9	25.0	37.4





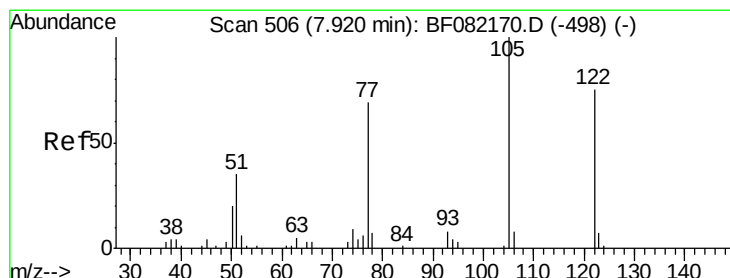
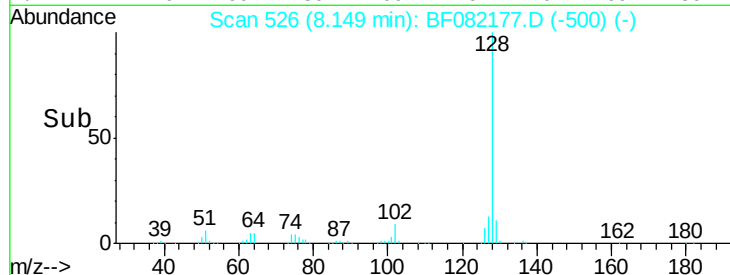
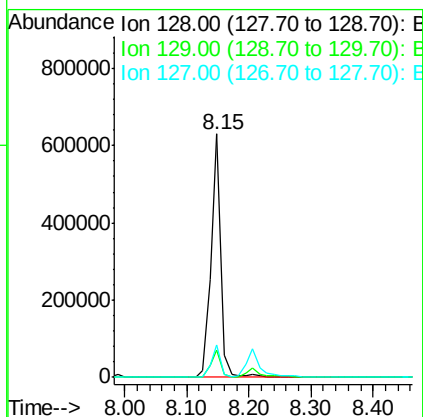
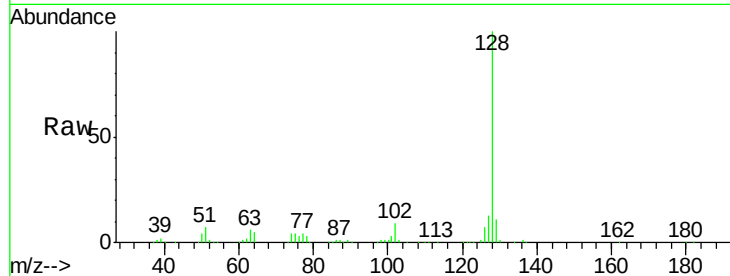
#31
Naphthalene
Concen: 39.80 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	685677		
129	11.3	9.1	13.7	
127	13.3	10.7	16.1	

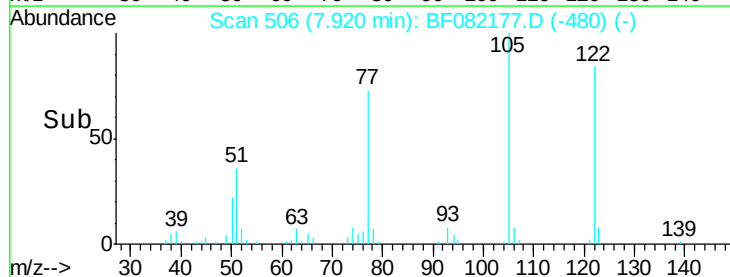
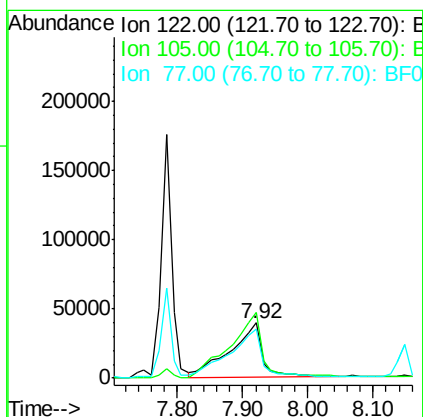
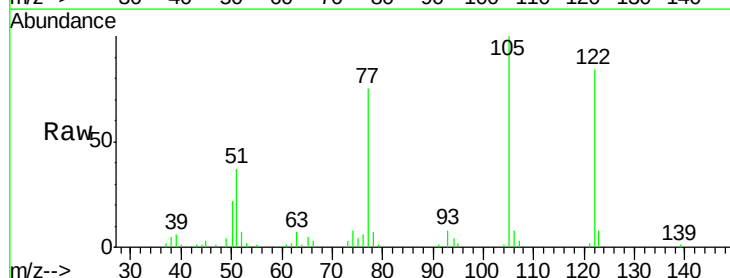
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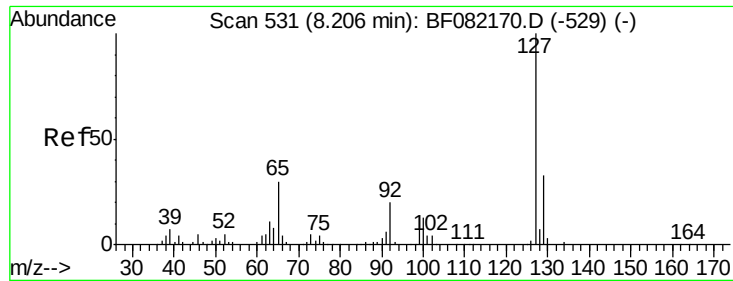
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#32
Benzoic acid
Concen: 38.77 ng
RT: 7.92 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	134090		
105	119.7	104.4	144.4	
77	90.2	69.0	109.0	





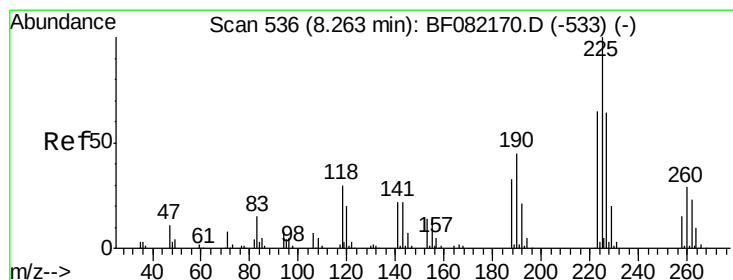
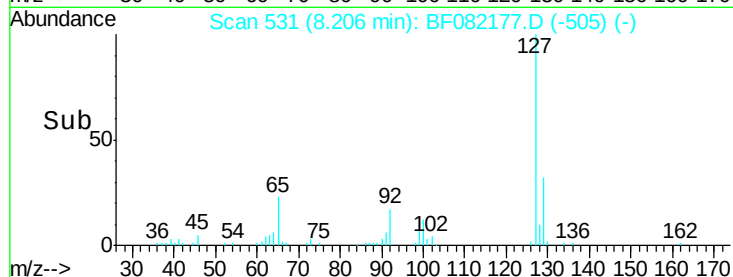
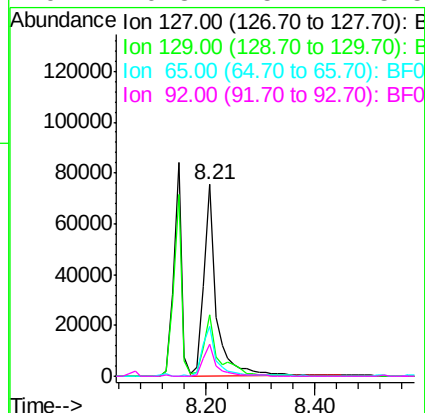
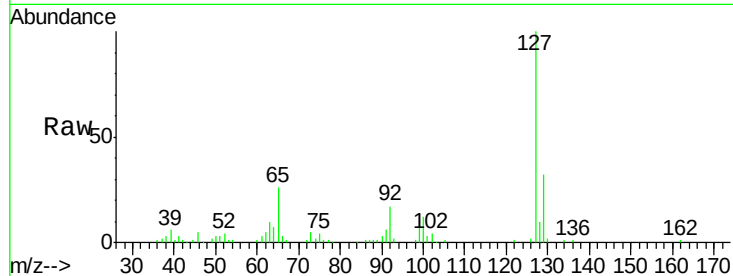
#33
4-Chloroaniline
Concen: 16.78 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	25.7	24.4	36.6
92	16.8	15.7	23.5

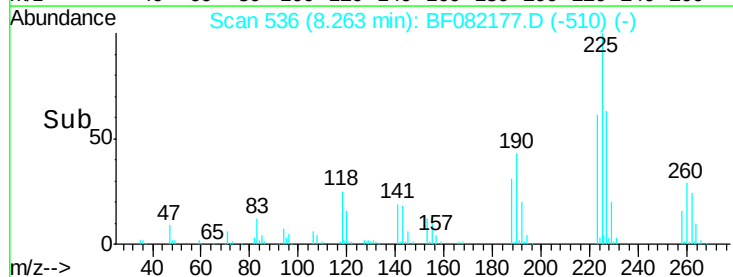
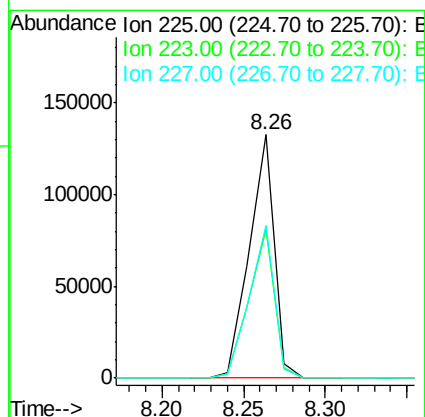
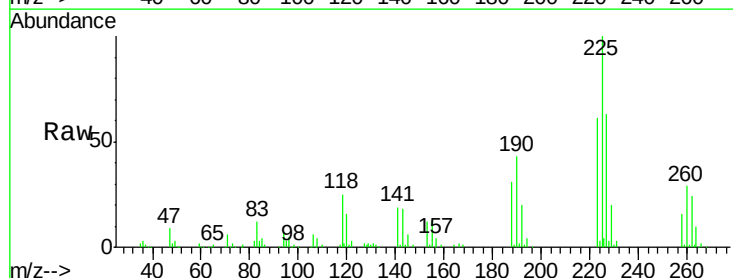
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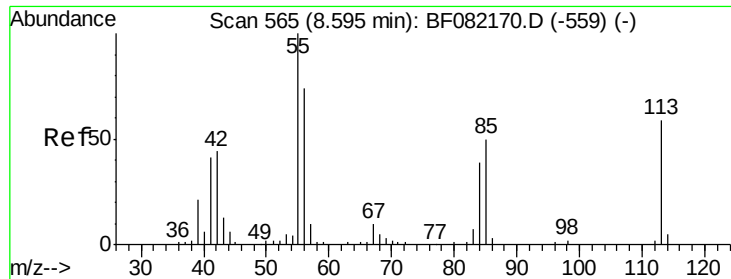
MMDadoda
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#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	52.2	78.2
227	62.9	51.3	76.9





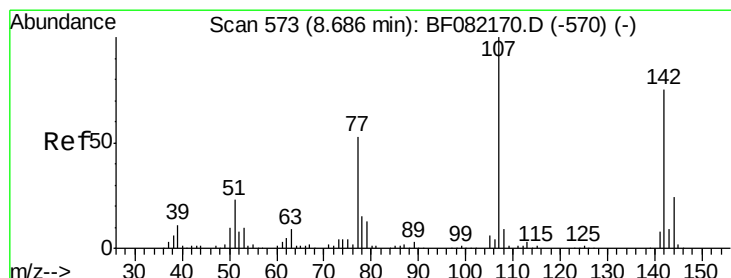
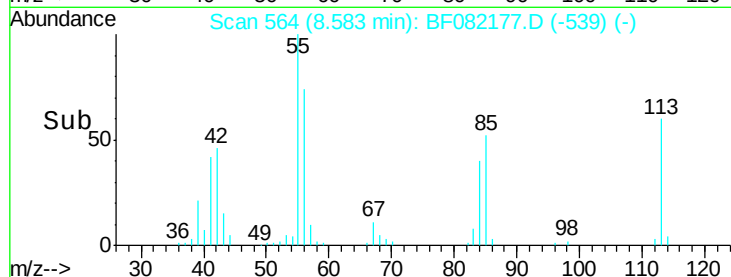
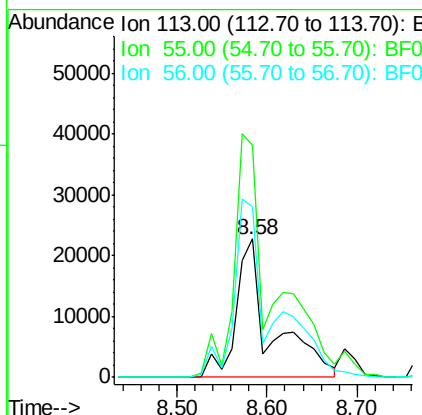
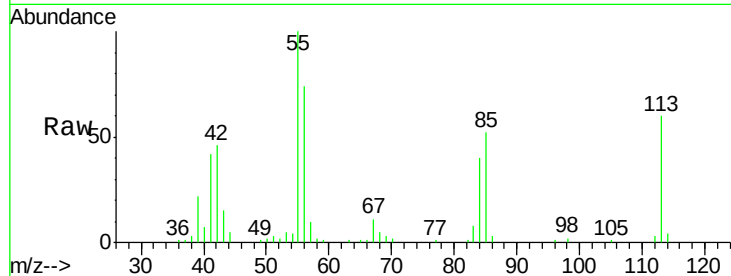
#35
 Caprolactam
 Concen: 41.68 ng m
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:113 Resp: 62313
 Ion Ratio Lower Upper
 113 100
 55 167.5 149.7 189.7
 56 123.6 105.4 145.4

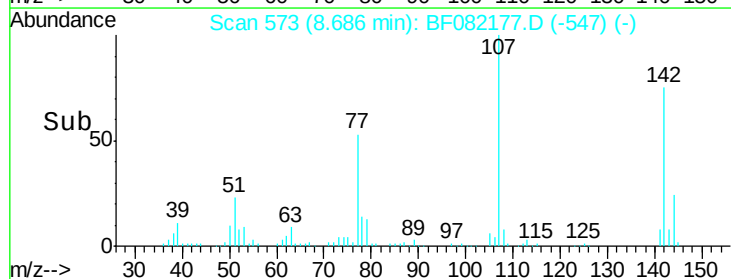
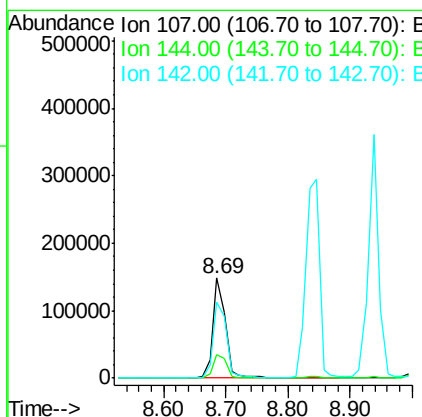
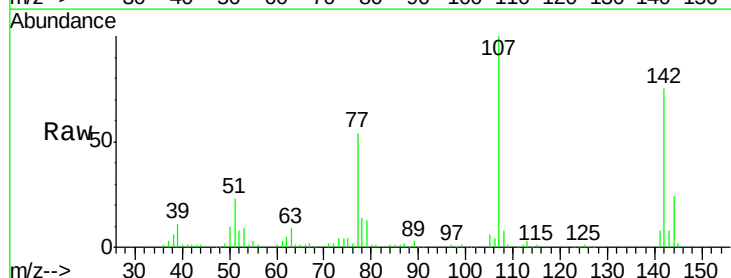
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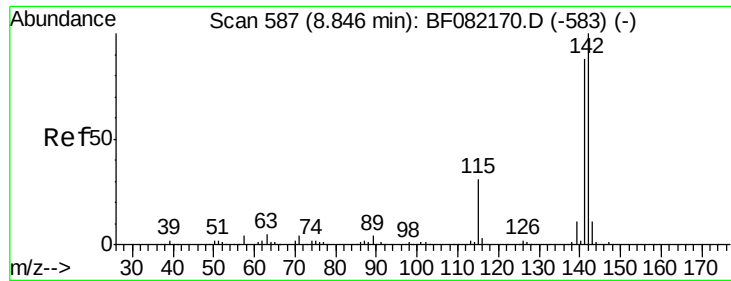
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#36
 4-Chloro-3-methylphenol
 Concen: 41.59 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:107 Resp: 209533
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.3 59.9 89.9





#37

2-Methylnaphthalene

Concen: 38.52 ng

RT: 8.85 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF082177.D

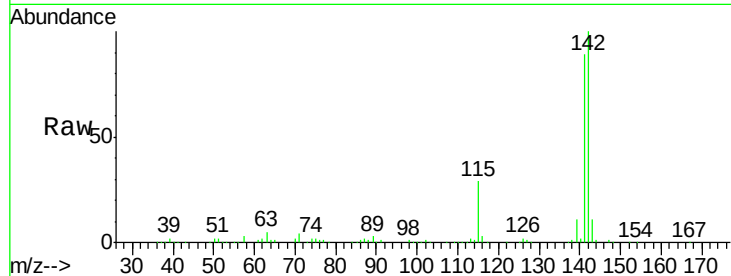
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

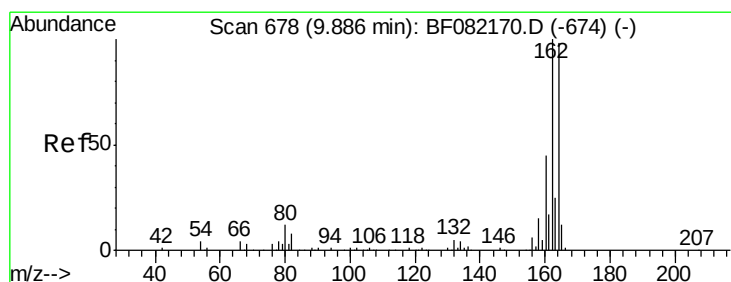
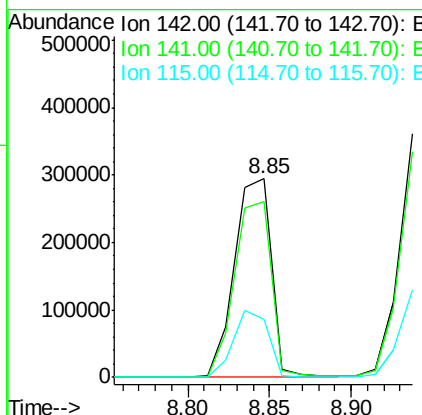
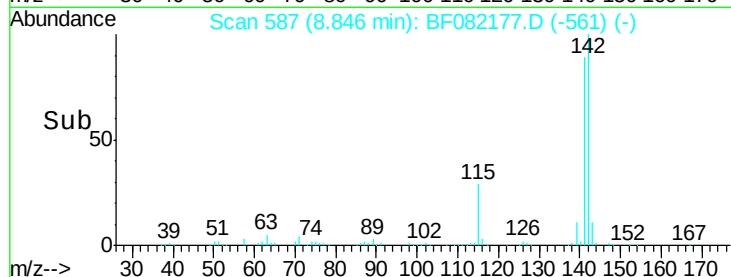
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	29.4	24.6	37.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

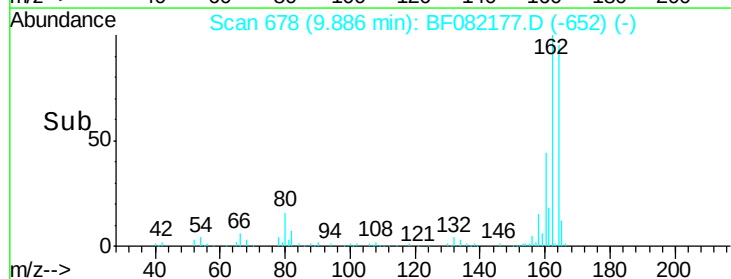
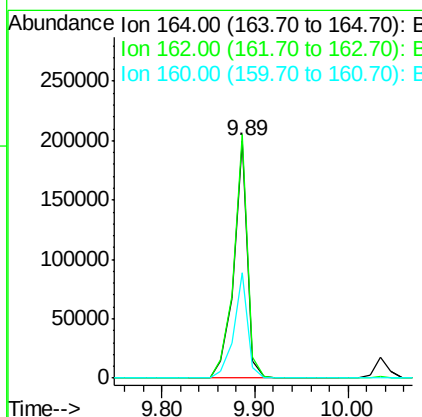
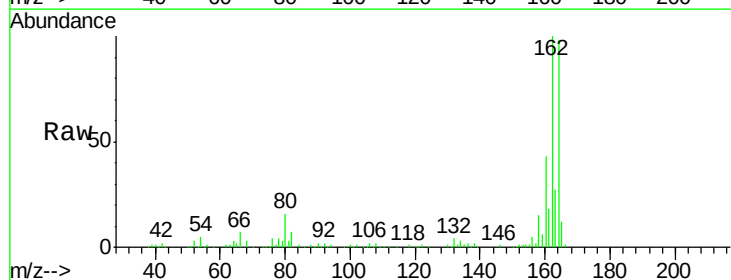
RT: 9.89 min Scan# 678

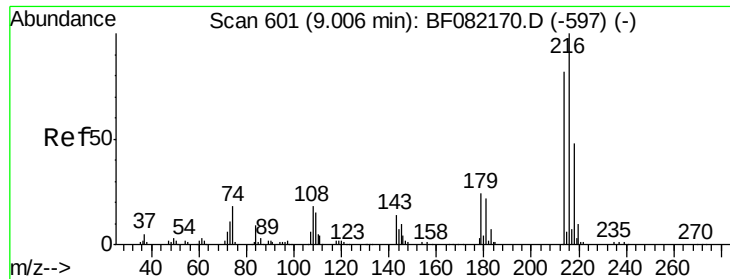
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.6	122.4
160	44.5	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.52 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082177.D

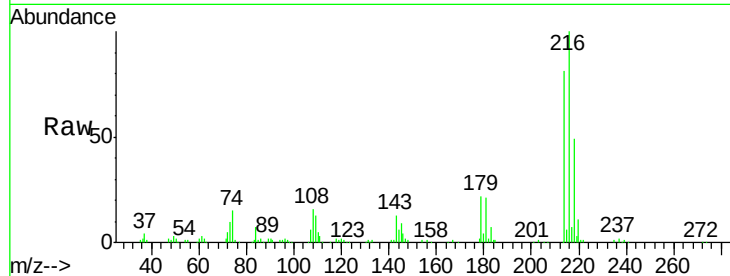
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

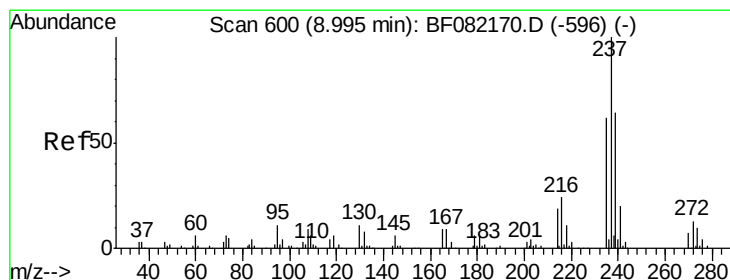
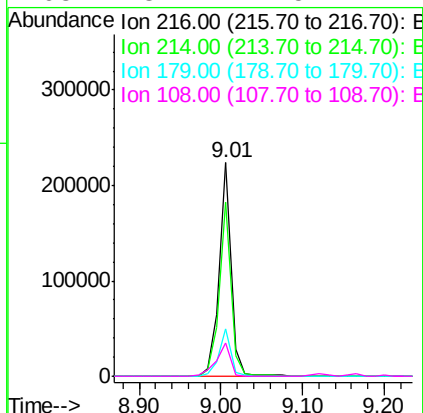
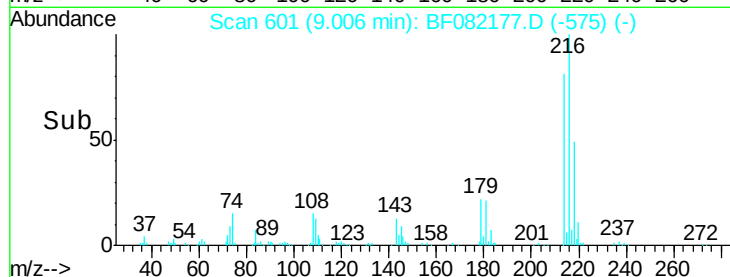
PB86038BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	228742		
214	80.4	64.6	97.0	
179	21.7	17.6	26.4	
108	18.7	14.5	21.7	

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#40

Hexachlorocyclopentadiene

Concen: 79.92 ng

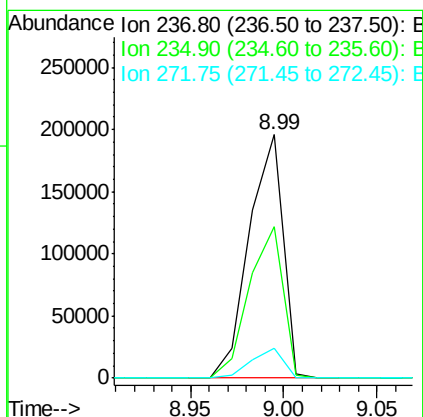
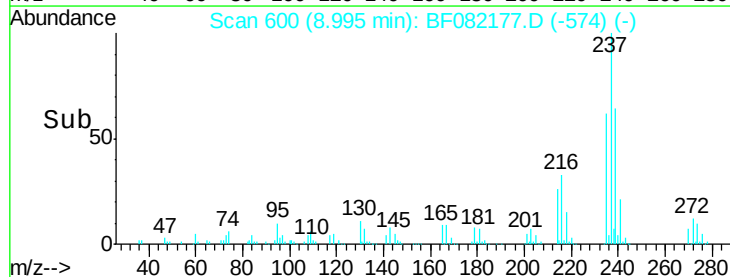
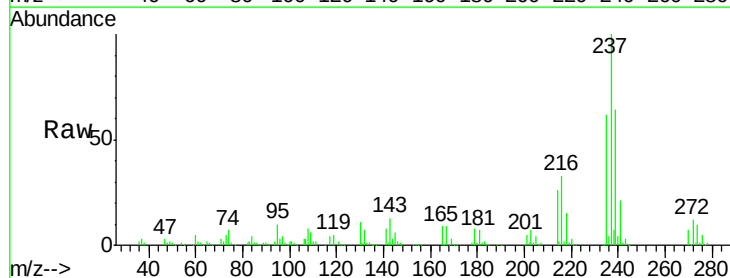
RT: 8.99 min Scan# 600

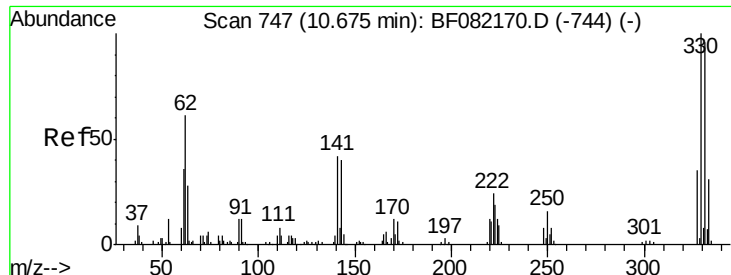
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	246548		
235	62.4	41.7	81.7	
272	12.4	0.0	32.8	





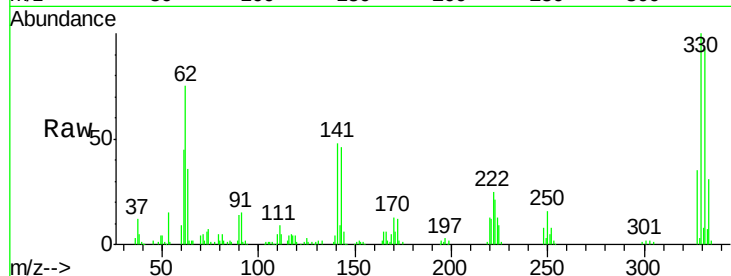
#41
 2,4,6-Tribromophenol
 Concen: 115.14 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

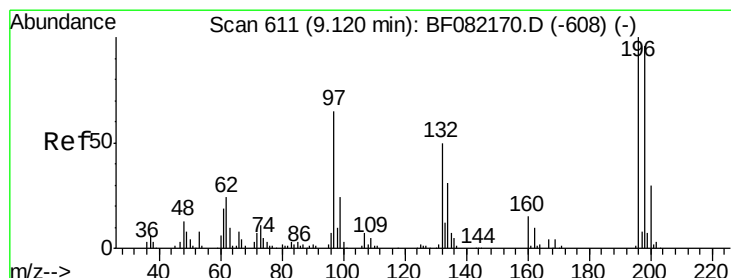
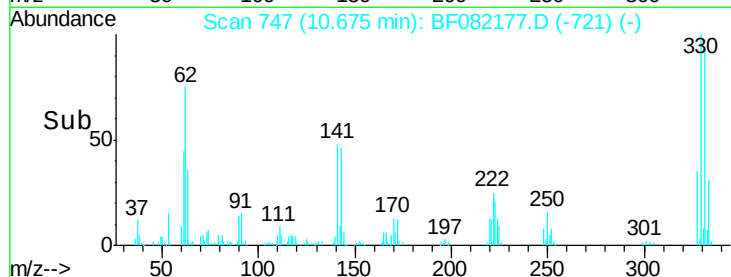
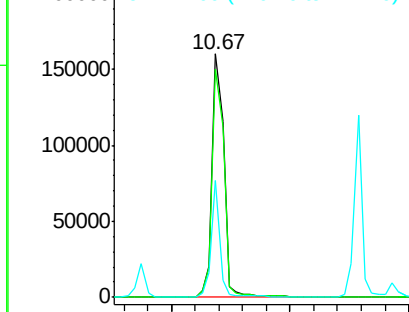
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221346		
332	95.7	77.1	115.7	
141	34.8	29.8	44.8	

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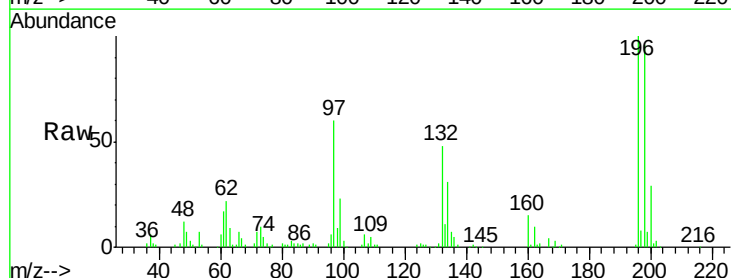


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

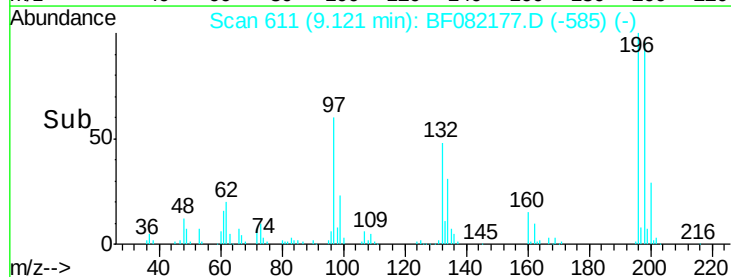
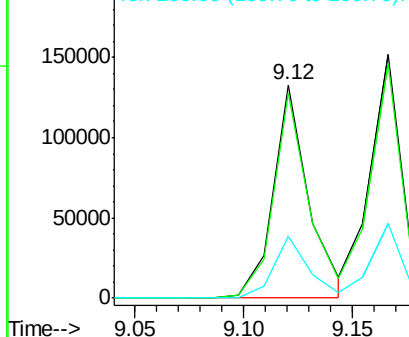


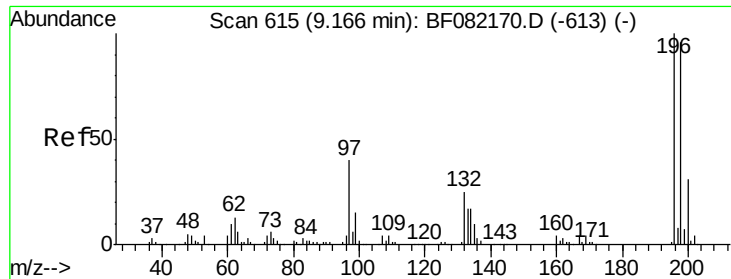
#42
 2,4,6-Trichlorophenol
 Concen: 37.53 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151998		
198	95.8	76.6	115.0	
200	29.2	23.7	35.5	



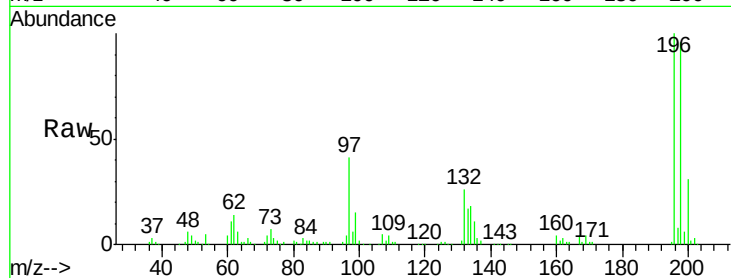
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.22 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

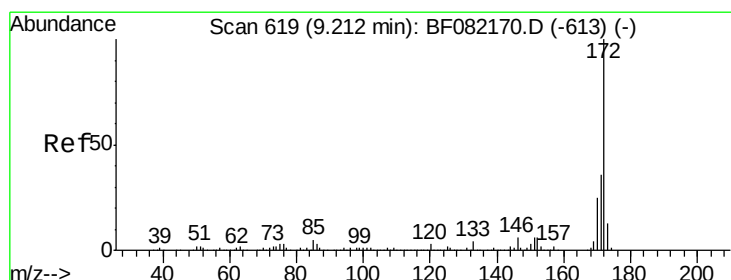
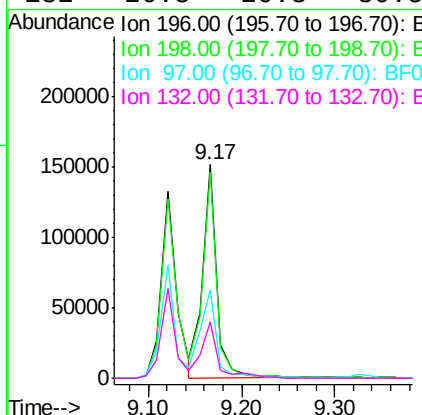
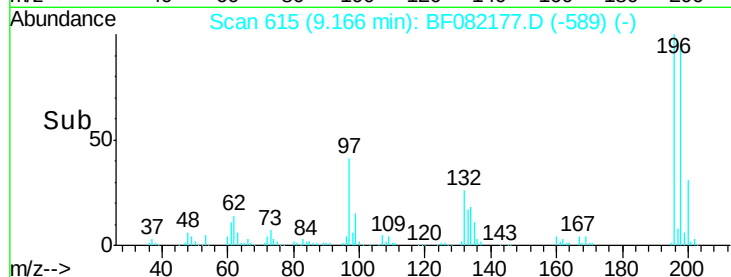
Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163262		
198	96.3	77.0	115.4	
97	41.2	31.9	47.9	
132	26.5	20.3	30.5	

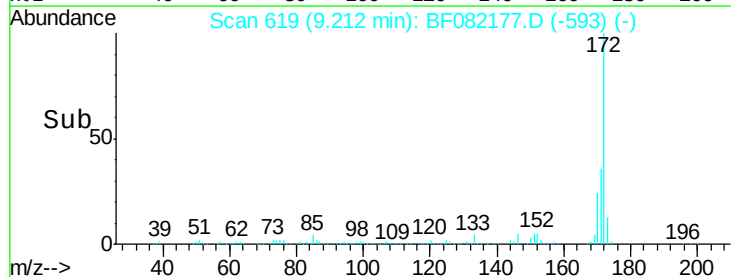
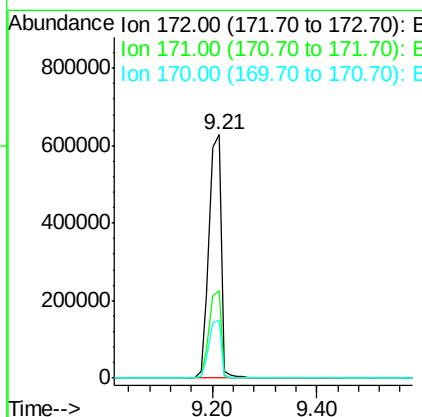
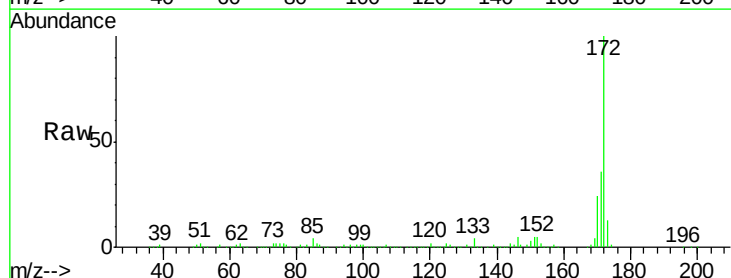
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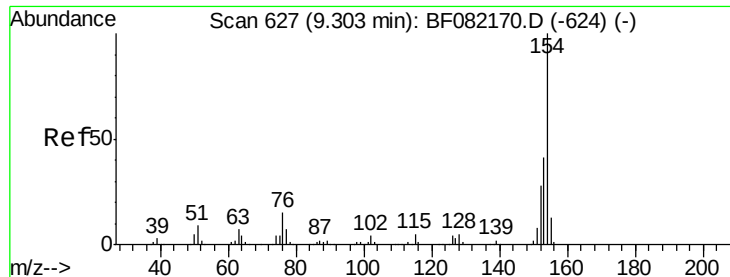
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#44
 2-Fluorobiphenyl
 Concen: 83.16 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1027913		
171	35.8	28.6	42.8	
170	23.9	19.7	29.5	





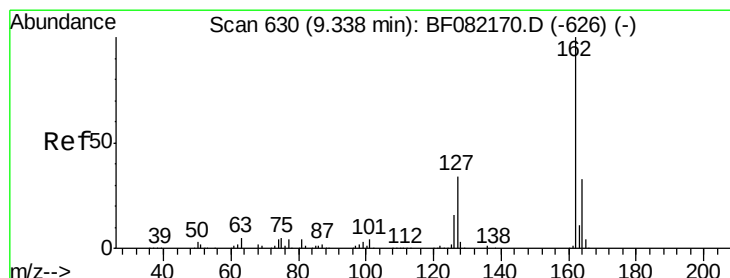
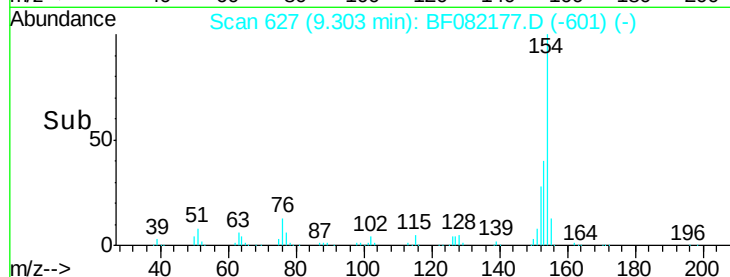
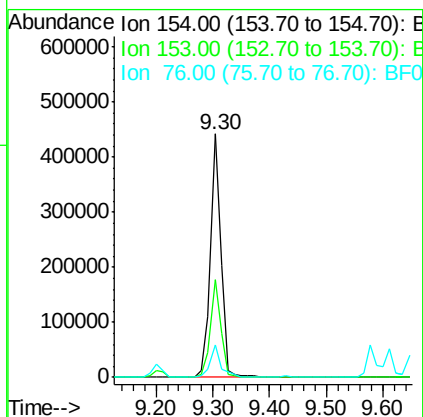
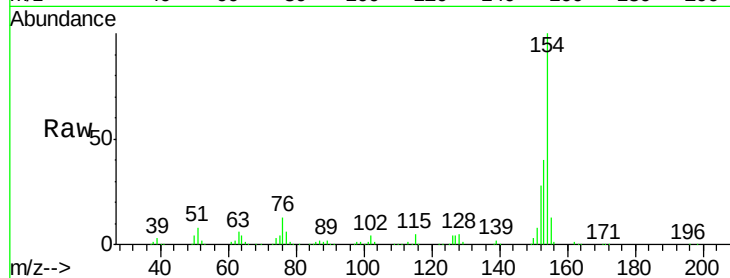
#45
 1,1'-Biphenyl
 Concen: 35.22 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:	154	Resp:	550585
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.6	60.6
76	13.4	0.0	35.2

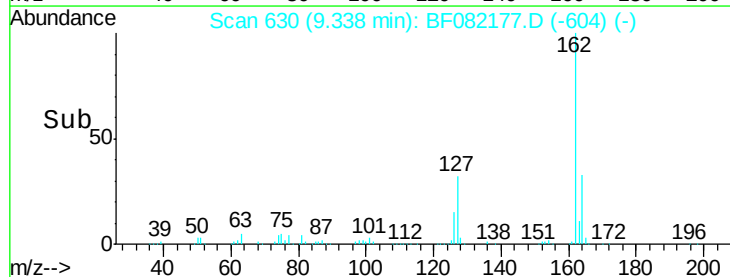
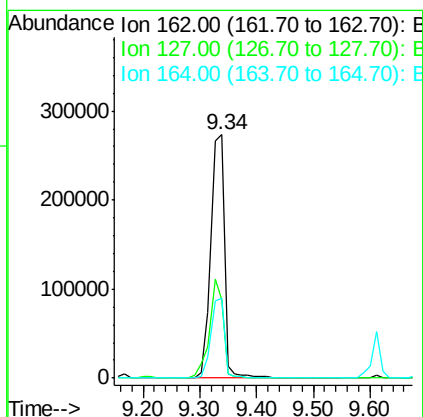
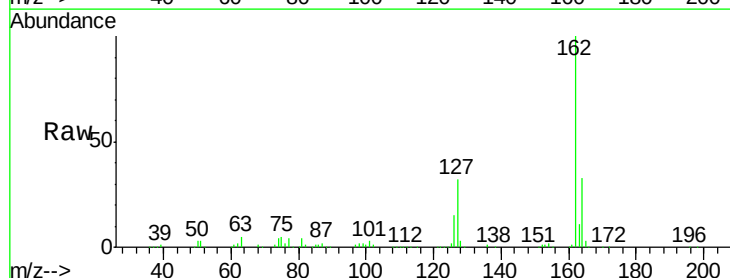
Manual Integrations
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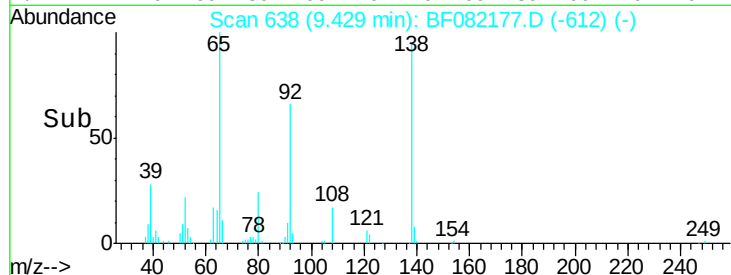
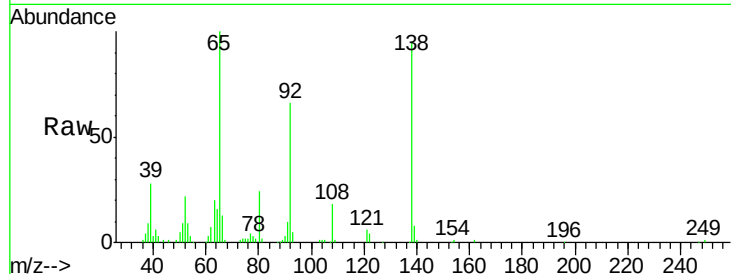
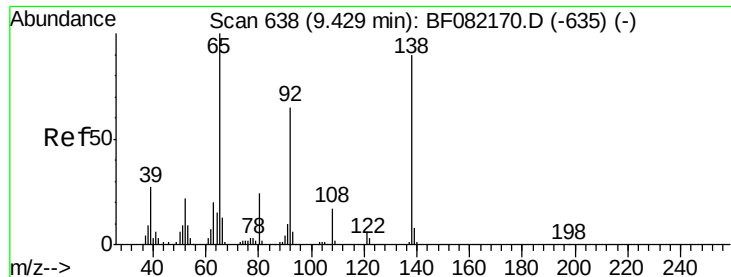
MMDadoda
 10/12/2015 2:35:02 PM



#46
 2-Chloronaphthalene
 Concen: 36.46 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion:	162	Resp:	448603
Ion Ratio	Lower	Upper	
162	100		
127	32.2	27.5	41.3
164	33.0	26.6	39.8





#47

2-Nitroaniline

Concen: 36.97 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	124890		
92	65.5	52.3	78.5	
138	94.6	72.2	108.4	

Instrument :

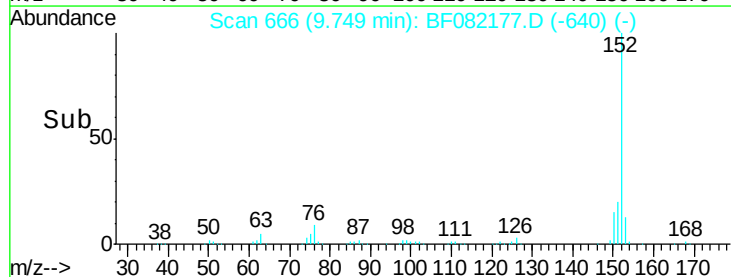
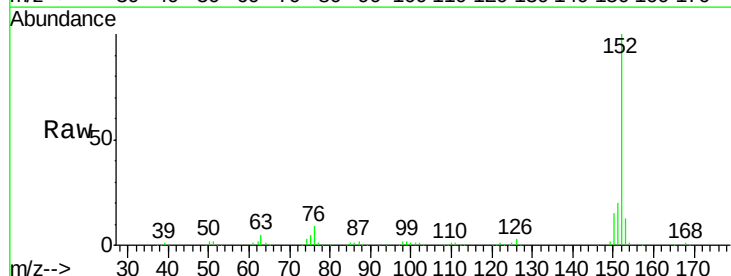
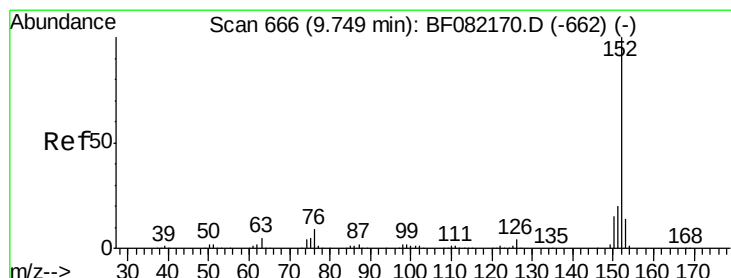
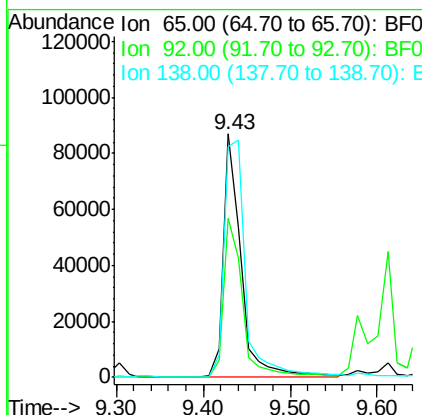
BNA_F

ClientSampleId :

PB86038BS

Manual Integrations
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MMDadoda
10/12/2015 2:35:02 PM



#48

Acenaphthylene

Concen: 38.29 ng

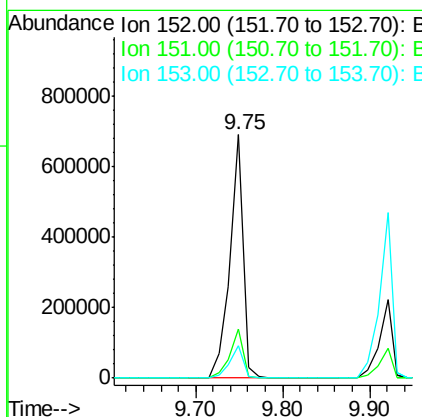
RT: 9.75 min Scan# 666

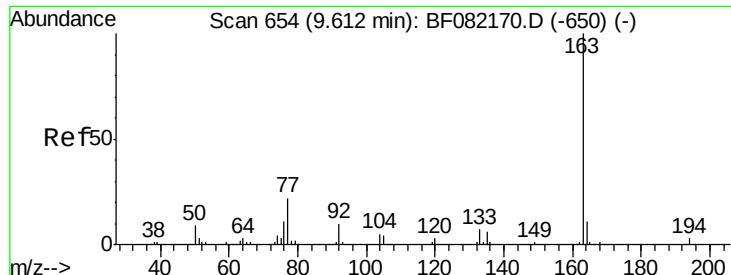
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	734058		
151	20.3	16.4	24.6	
153	13.1	10.8	16.2	





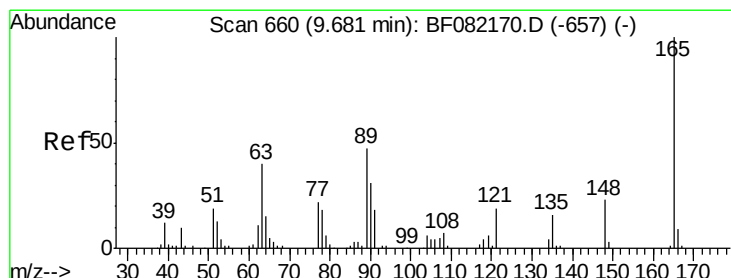
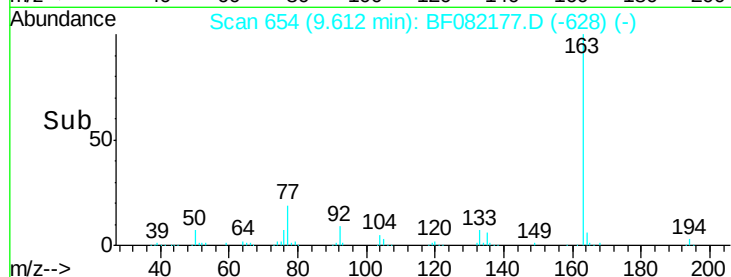
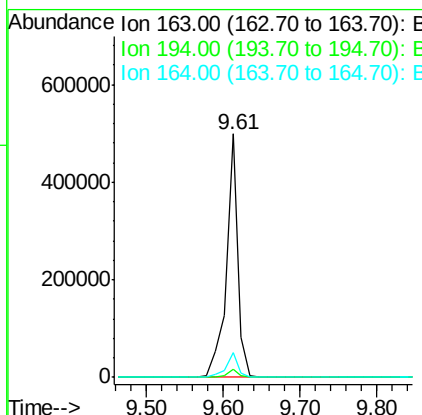
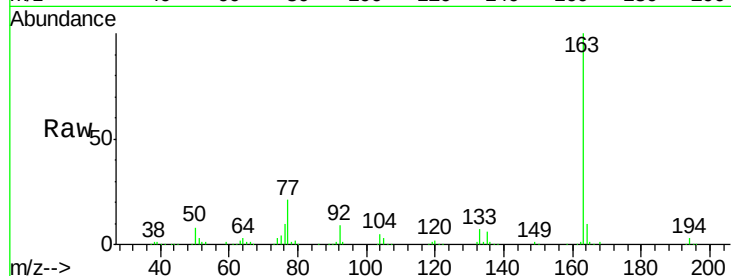
#49
Dimethylphthalate
Concen: 36.75 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.4	8.5	12.7

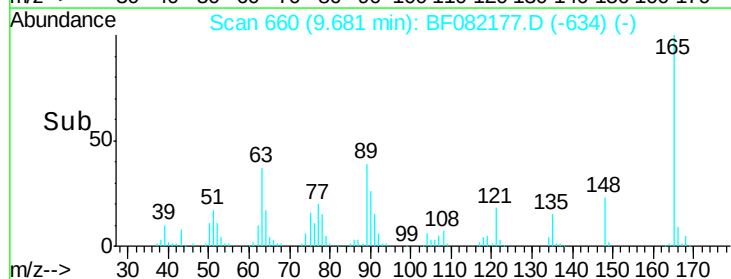
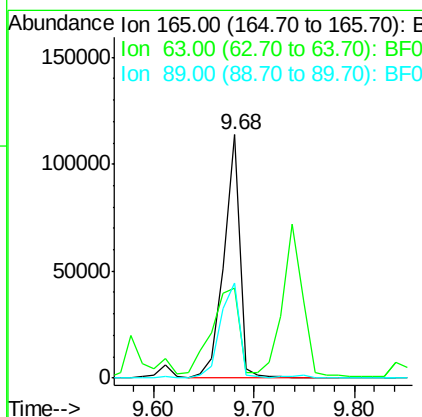
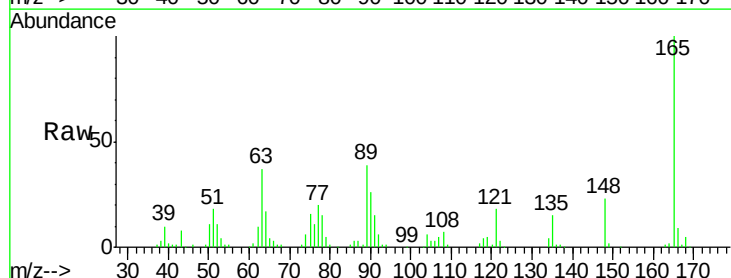
Manual Integrations
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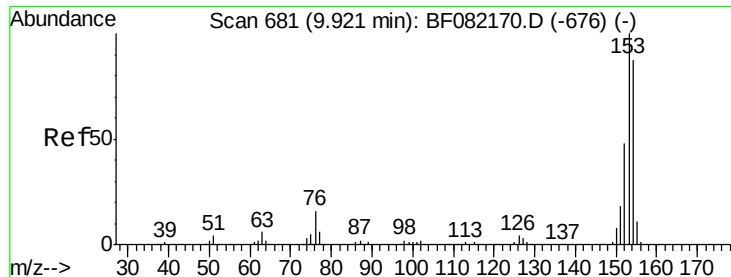
MMDadoda
10/12/2015 2:35:02 PM



#50
2,6-Dinitrotoluene
Concen: 41.53 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.8	36.7	55.1
89	39.0	37.8	56.6





#51

Acenaphthene

Concen: 37.95 ng

RT: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

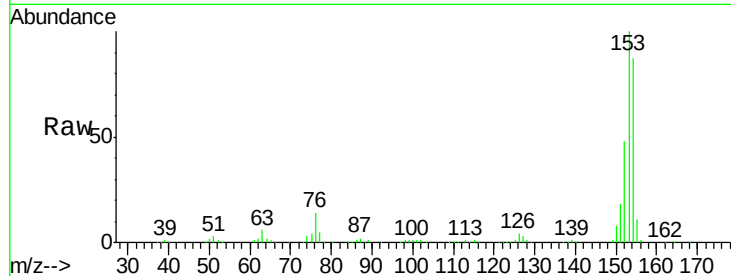
ClientSampleId :

PB86038BS

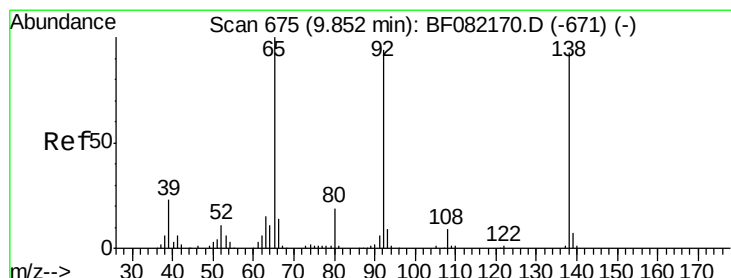
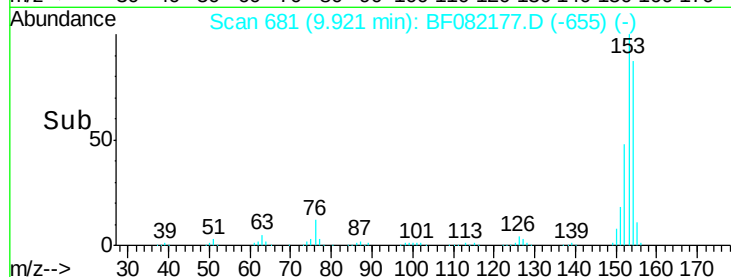
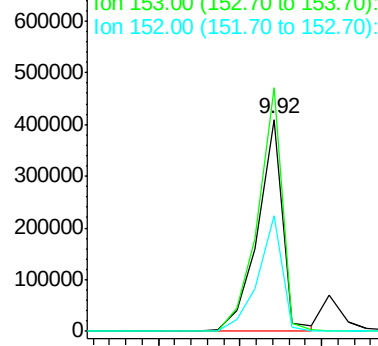
Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:35:02 PM

Tgt Ion:	154	Resp:	436693
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.4	137.2
152	54.6	44.3	66.5



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



#52

3-Nitroaniline

Concen: 18.41 ng

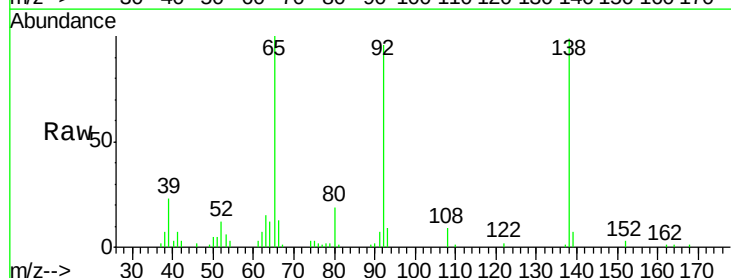
RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

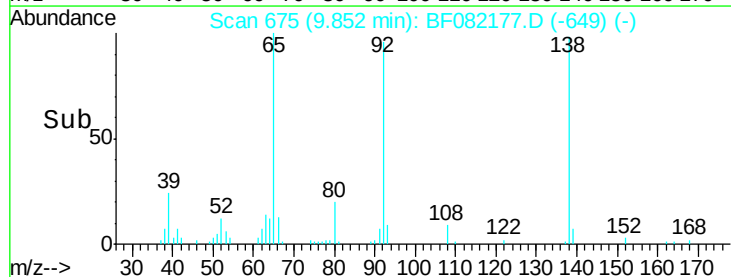
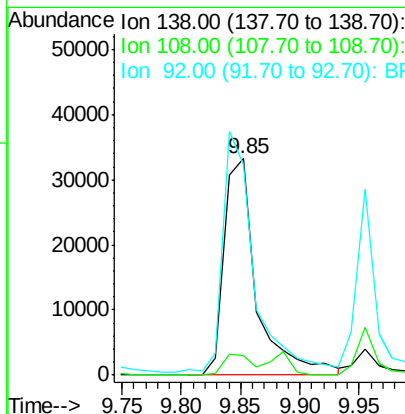
Lab File: BF082177.D

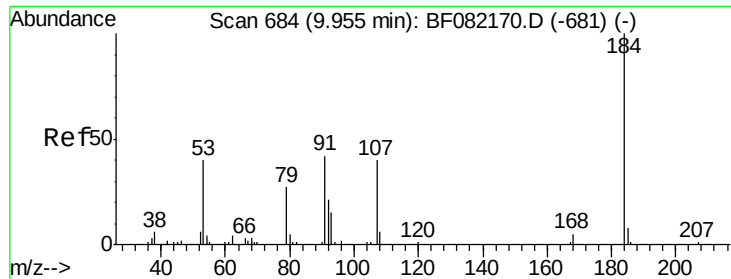
Acq: 10 Oct 2015 15:35

Tgt Ion:	138	Resp:	63328
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.4	11.0
92	97.3	81.3	121.9



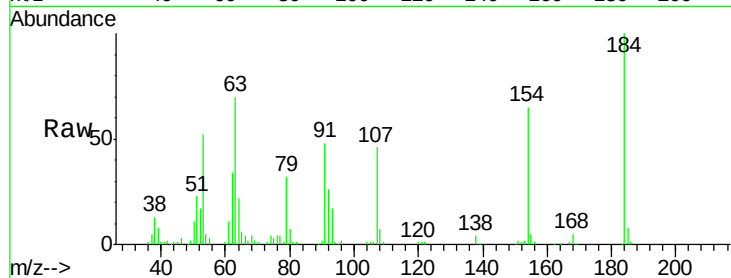
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 77.29 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

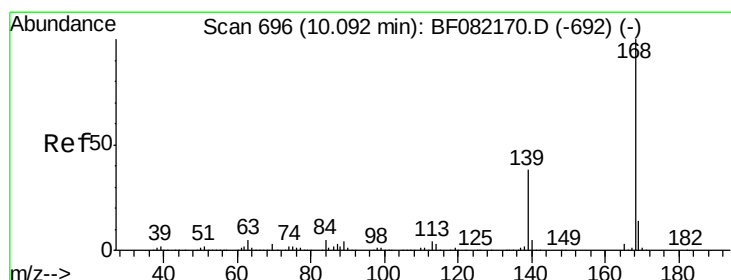
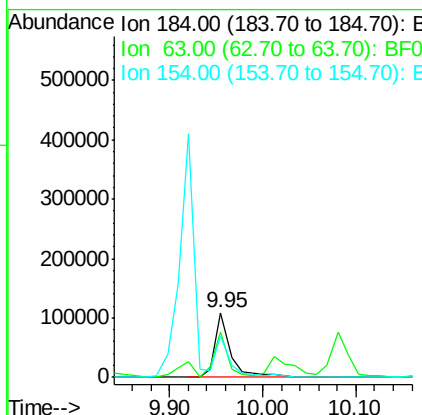
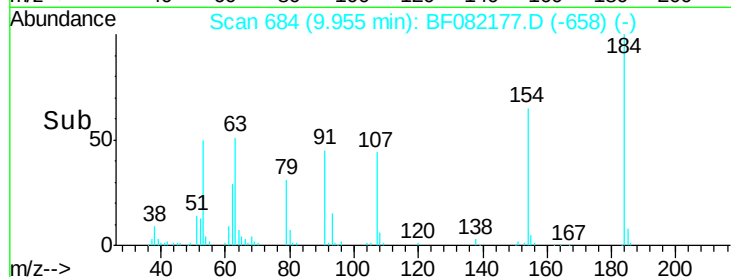
Instrument :
BNA_F
ClientSampleId :
PB86038BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	131148		
63	70.0	45.1	67.7#	
154	64.5	51.2	76.8	

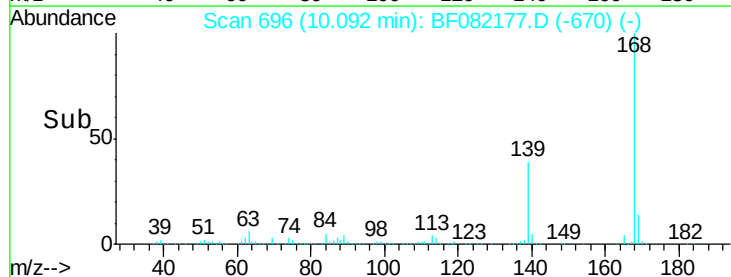
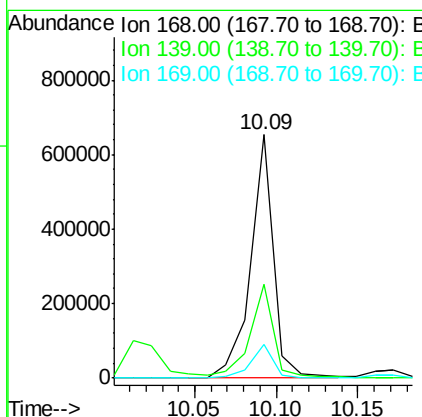
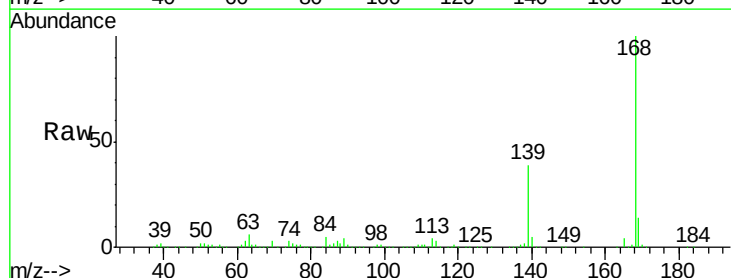
Manual Integrations
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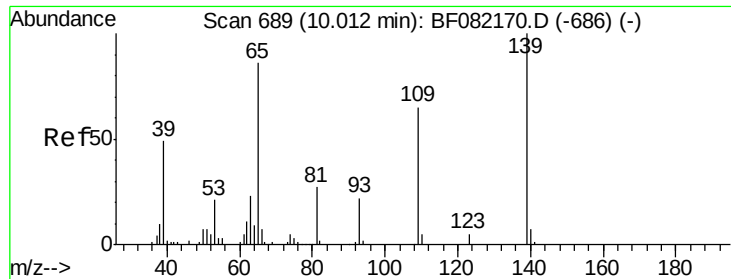
MMDadoda
10/12/2015 2:35:02 PM



#54
Dibenzofuran
Concen: 40.28 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	636456		
139	38.7	31.0	46.6	
169	13.7	10.9	16.3	





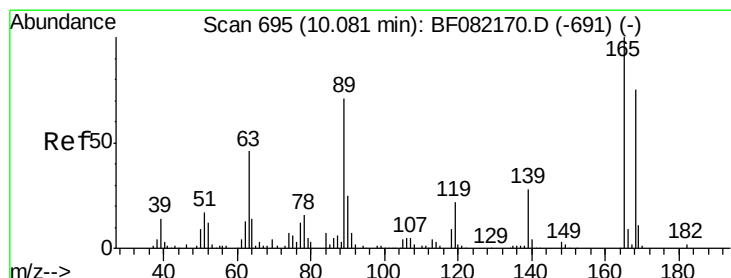
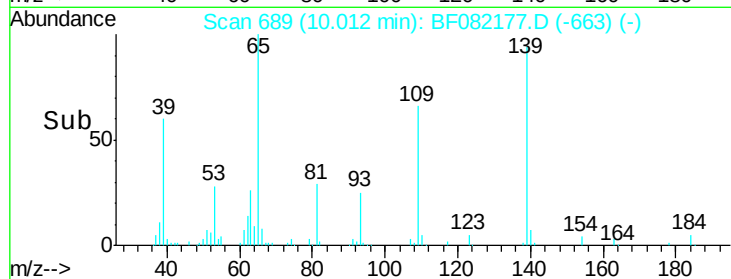
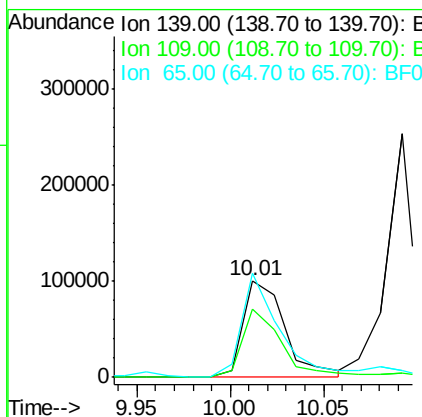
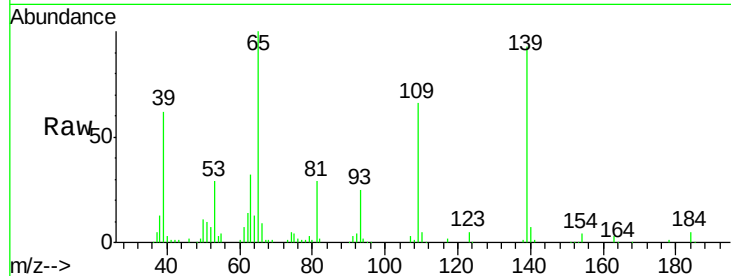
#55
4-Nitrophenol
Concen: 69.81 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157439		
109	70.8	44.8	84.8	
65	107.3	67.7	107.7	

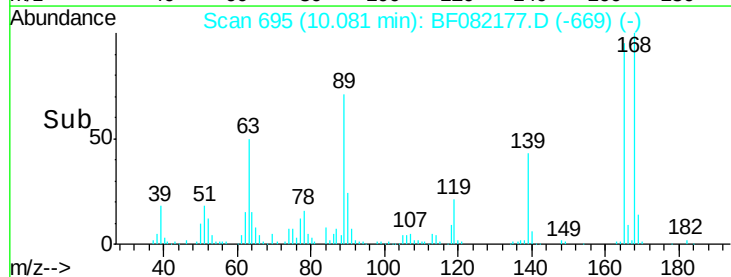
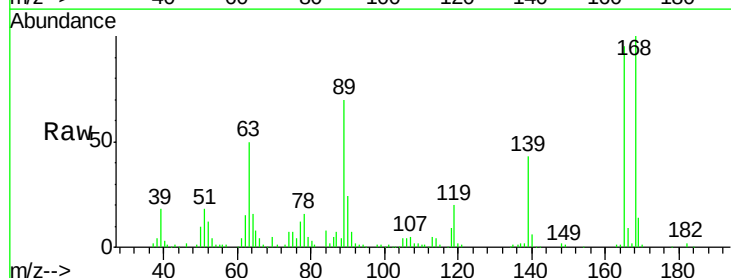
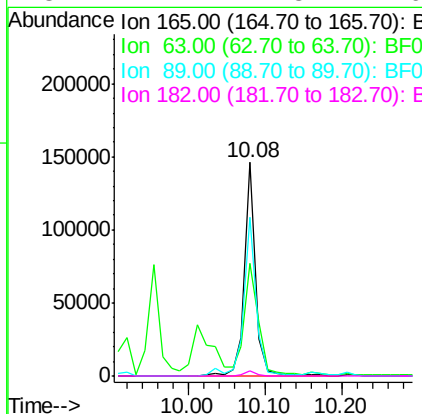
Manual Integrations
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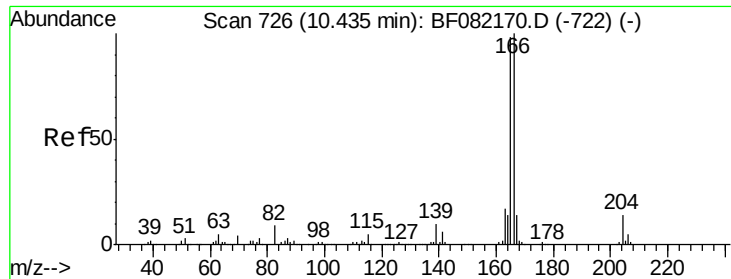
MMDadoda
10/12/2015 2:35:02 PM



#56
2,4-Dinitrotoluene
Concen: 39.17 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149096		
63	52.8	38.6	58.0	
89	74.4	57.0	85.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 39.60 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

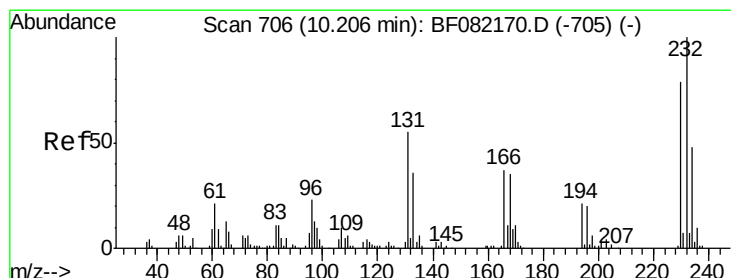
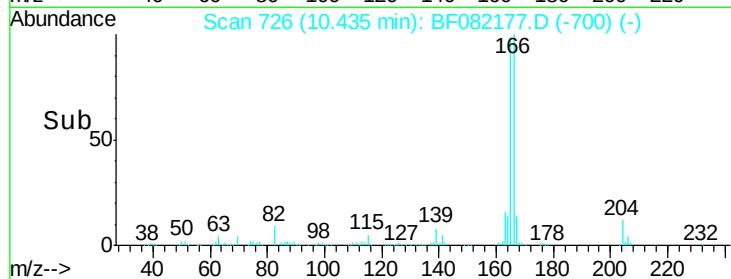
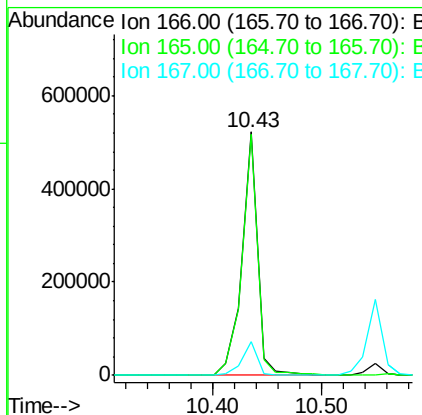
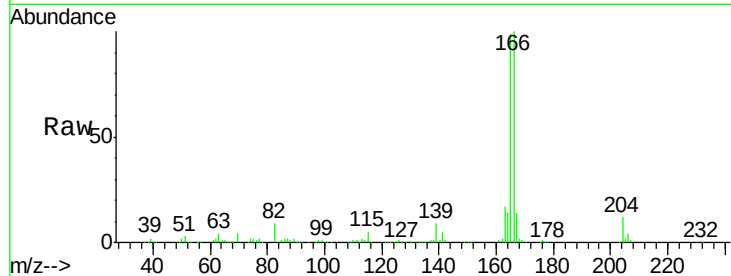
ClientSampleId :

PB86038BS

Manual Integrations
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MMDadoda
10/12/2015 2:35:02 PM

Tgt	Ion	Resp	Lower	Upper
166	100			
165	98.8	78.3	117.5	
167	13.7	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.55 ng

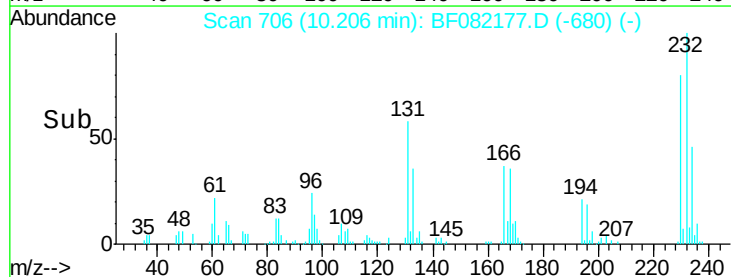
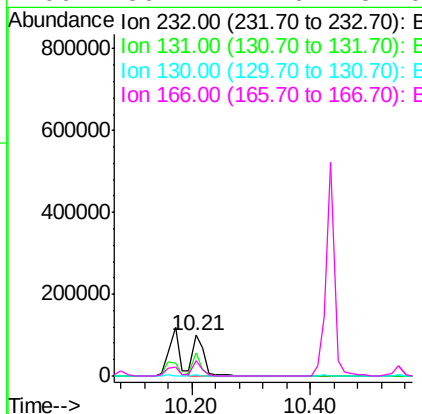
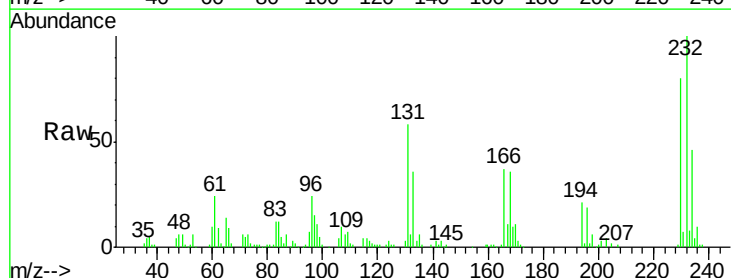
RT: 10.21 min Scan# 706

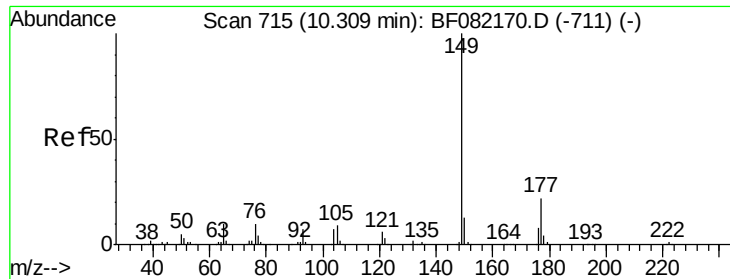
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt	Ion	Resp	Lower	Upper
232	100			
131	46.1	36.6	54.8	
130	2.1	1.5	2.3	
166	30.2	24.6	37.0	





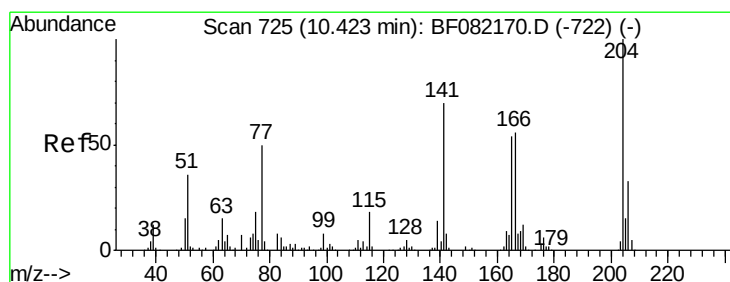
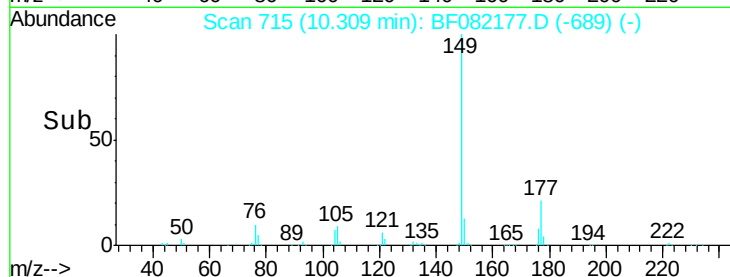
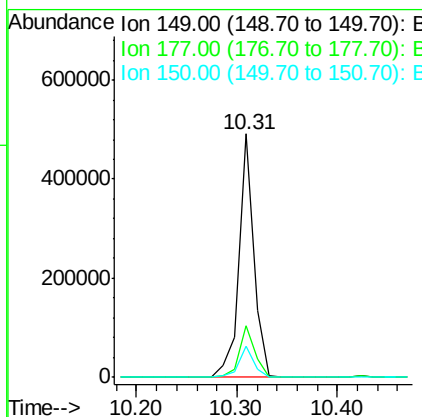
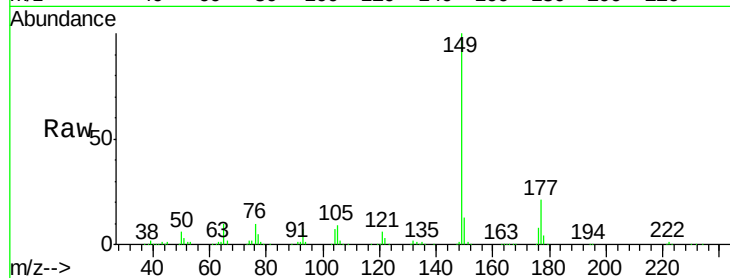
#59
Diethylphthalate
Concen: 37.67 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	506847		
177	21.1	17.6	26.4	
150	13.0	10.3	15.5	

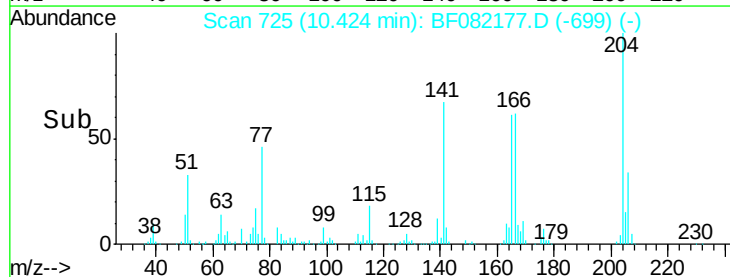
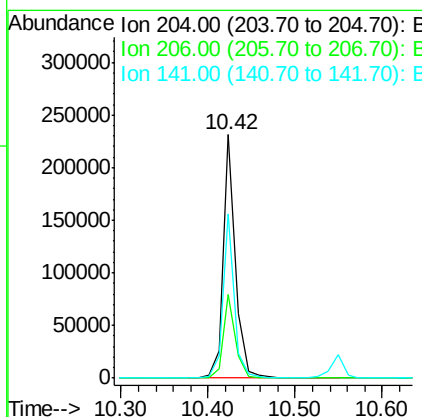
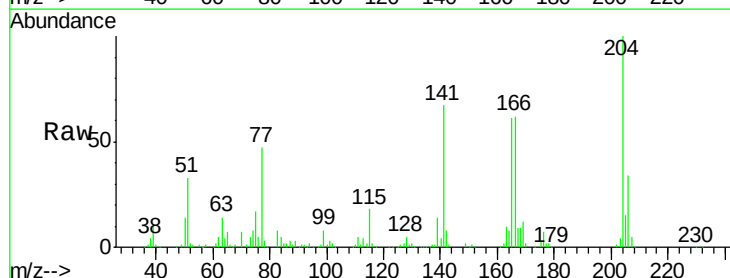
Manual Integrations
APPROVED

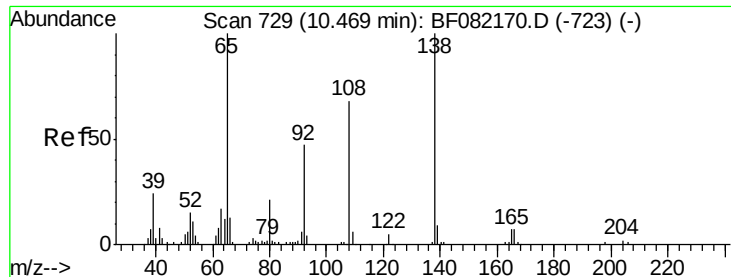
MMDadoda
10/12/2015 2:35:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.74 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	230266		
206	34.4	26.8	40.2	
141	67.3	56.1	84.1	





#61

4-Nitroaniline

Concen: 36.70 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

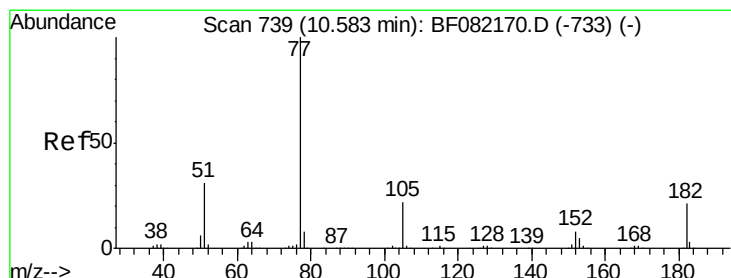
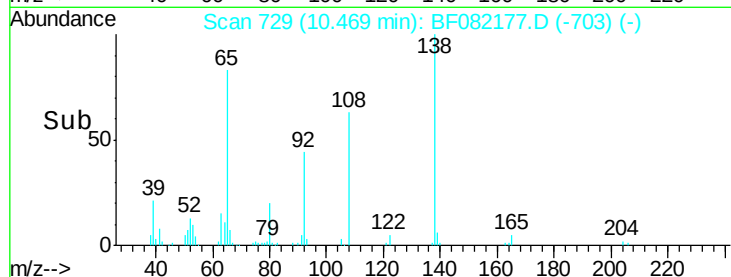
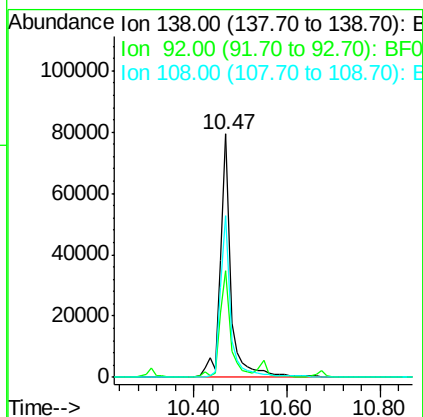
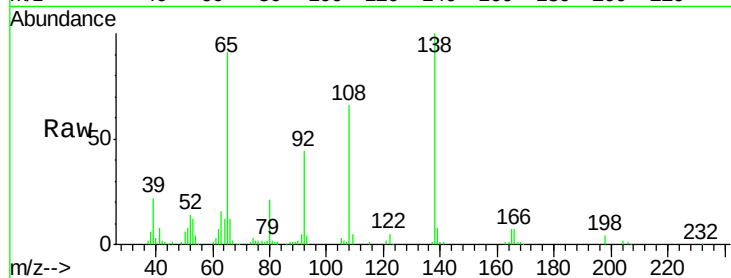
ClientSampleId :

PB86038BS

Tgt Ion:	138	Resp:	122473
Ion Ratio	Lower	Upper	
138	100		
92	44.1	26.8	66.8
108	66.3	48.4	88.4

Manual Integrations
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#62

Azobenzene

Concen: 38.16 ng

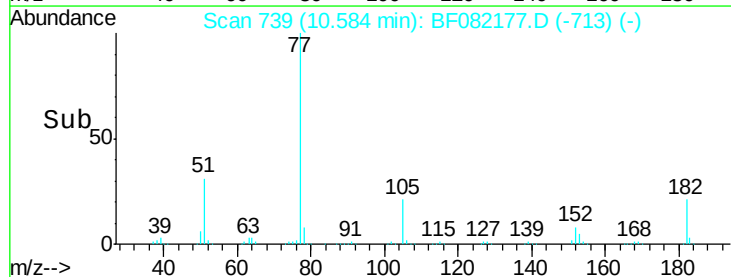
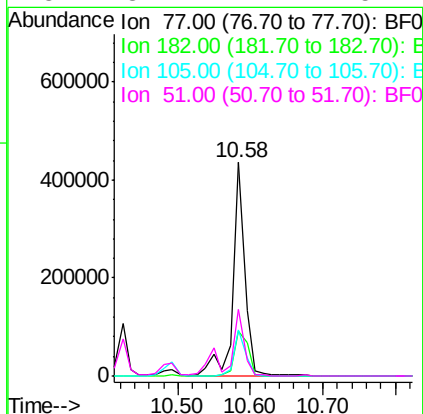
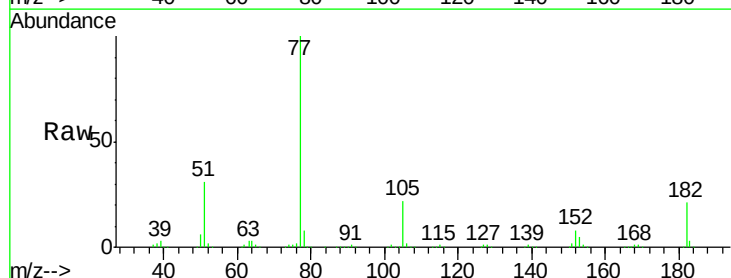
RT: 10.58 min Scan# 739

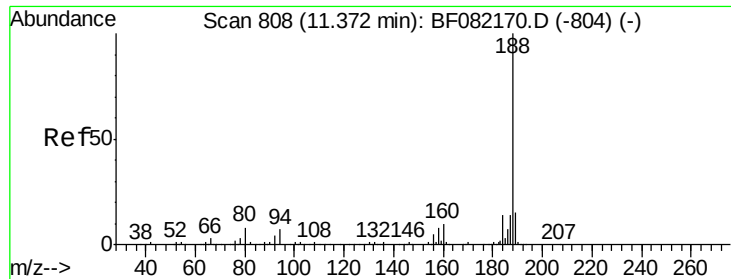
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:	77	Resp:	502482
Ion Ratio	Lower	Upper	
77	100		
182	21.3	0.5	40.5
105	21.7	1.8	41.8
51	31.1	11.2	51.2





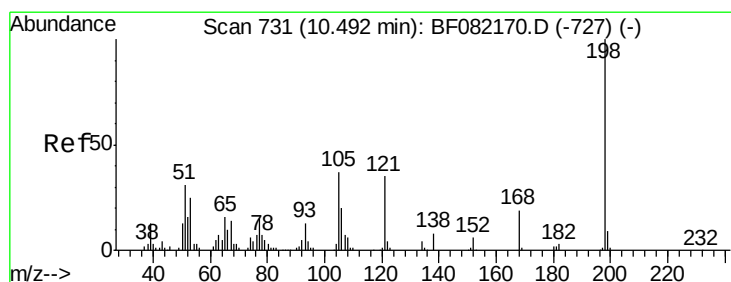
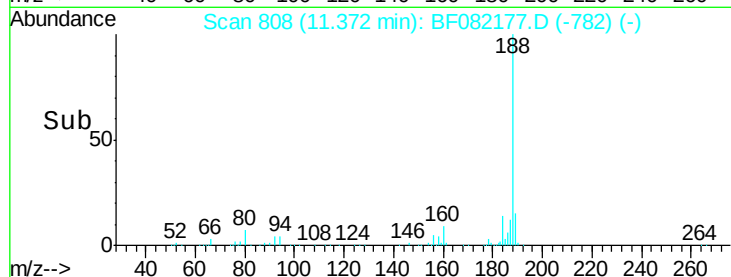
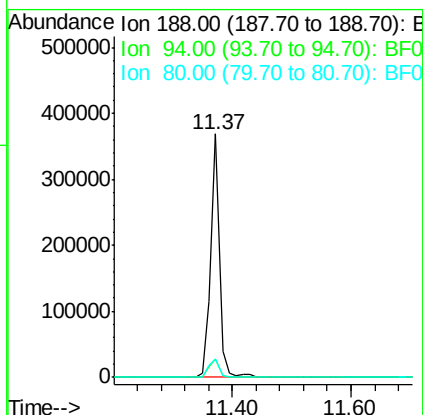
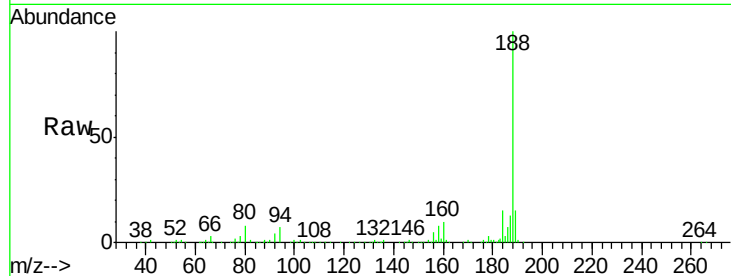
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	381935		
94	7.4		5.8	8.6
80	7.7		6.4	9.6

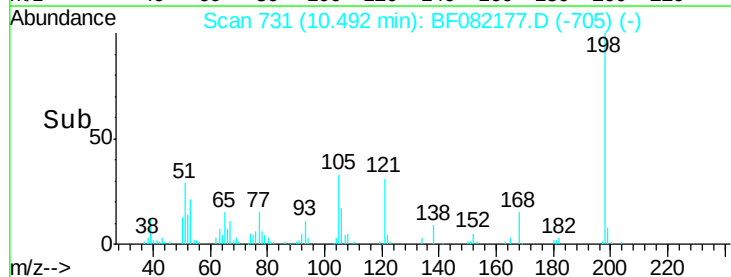
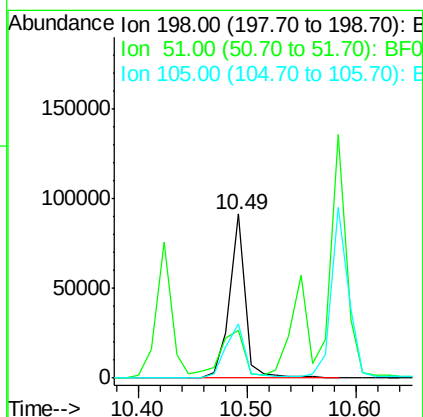
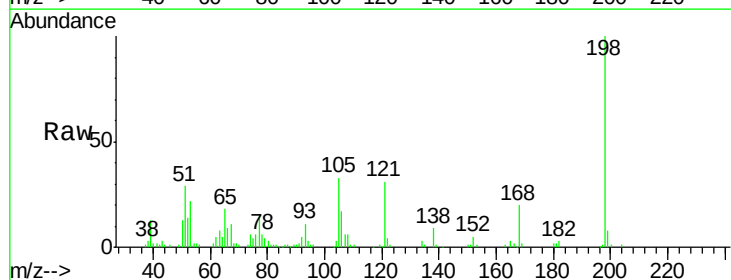
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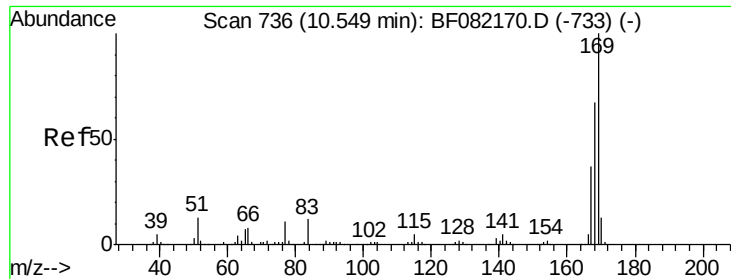
MMDadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.88 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91913		
51	28.7		13.6	53.6
105	32.8		17.1	57.1





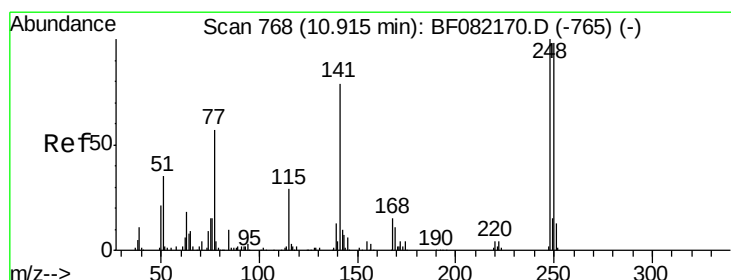
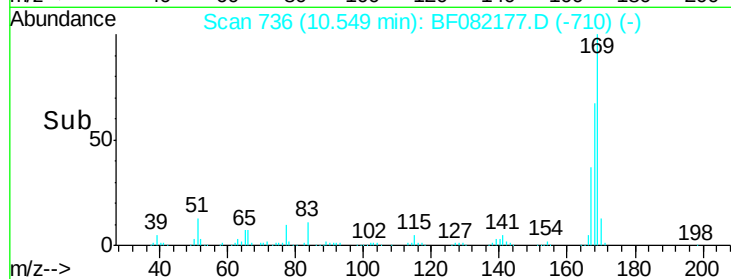
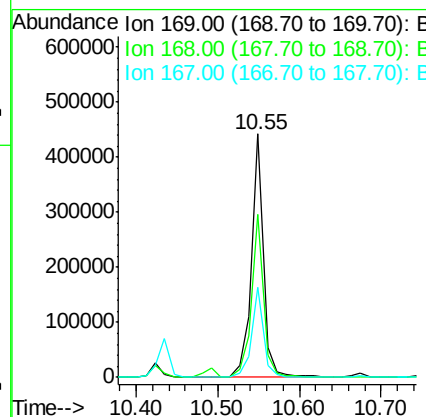
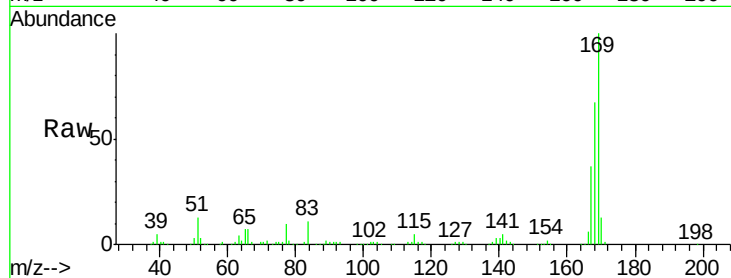
#65
 n-Nitrosodiphenylamine
 Concen: 39.10 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

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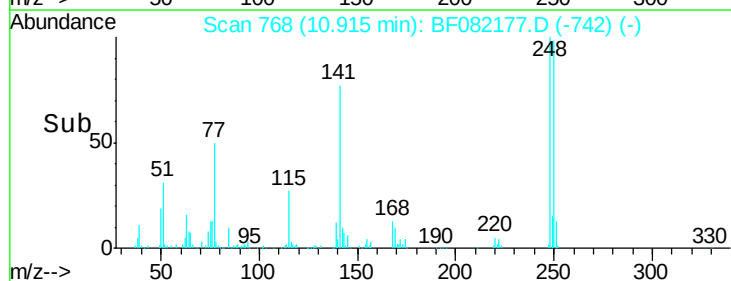
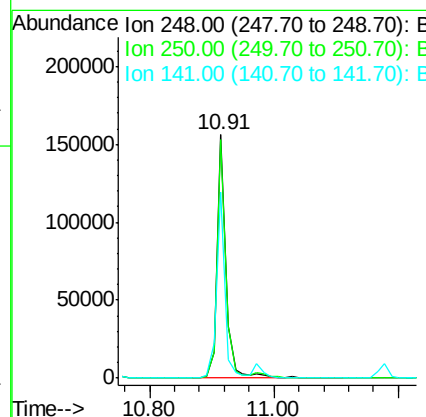
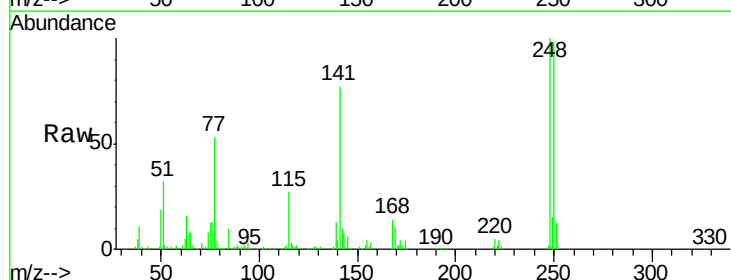
MMDadoda
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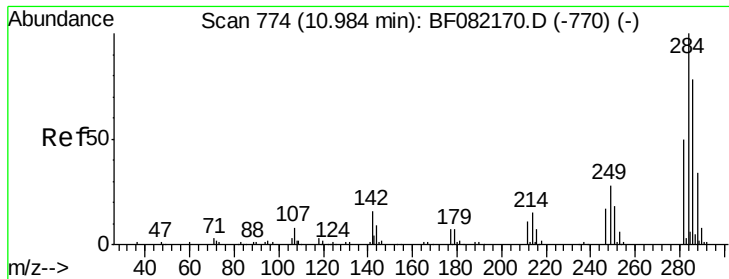
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	447148		
168	67.0	54.0	81.0	
167	36.8	29.6	44.4	



#66
 4-Bromophenyl-phenylether
 Concen: 40.68 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155506		
250	98.1	78.6	117.8	
141	76.6	63.3	94.9	





#67

Hexachlorobenzene

Concen: 38.65 ng

RT: 10.98 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF082177.D

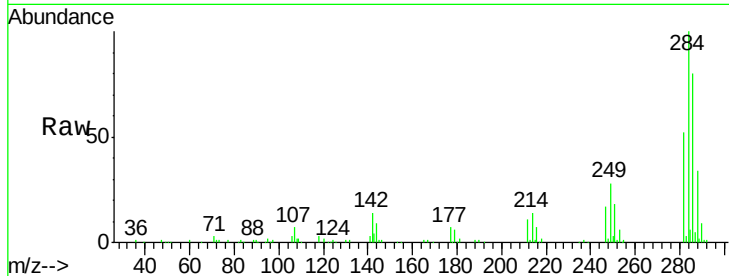
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

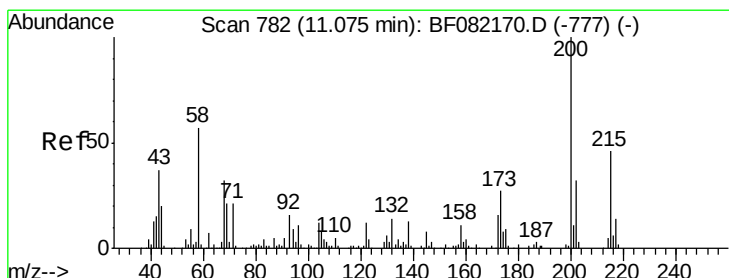
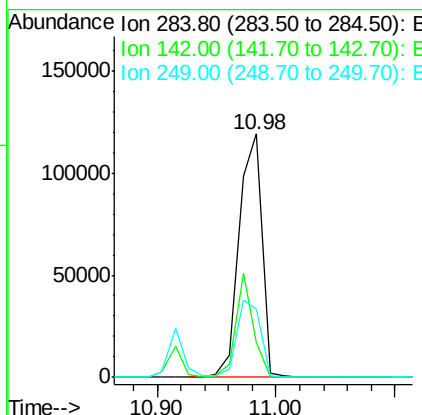
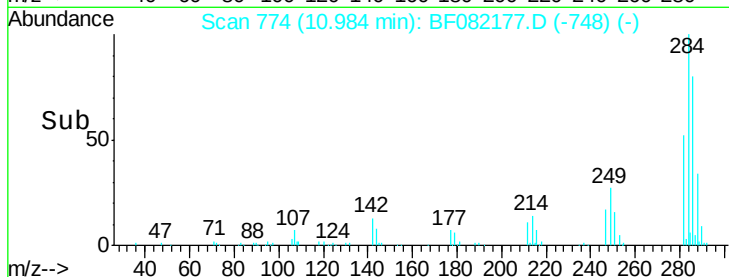
PB86038BS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	159762		
142	14.5	13.0	19.6	
249	27.9	22.5	33.7	

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#68

Atrazine

Concen: 35.78 ng

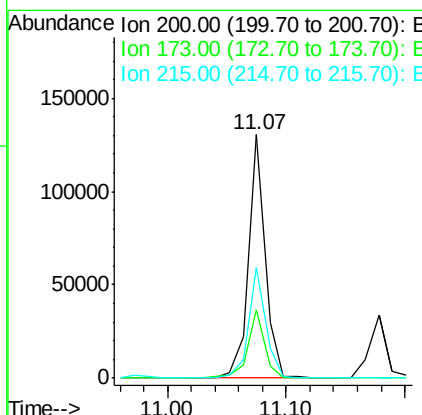
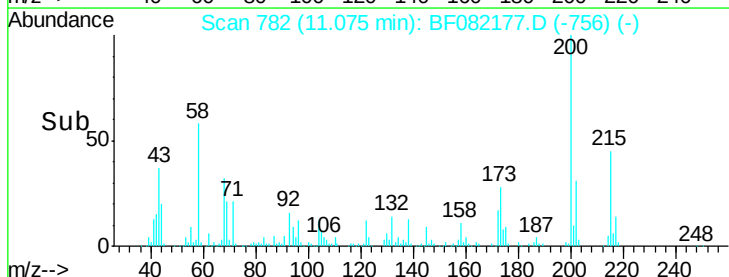
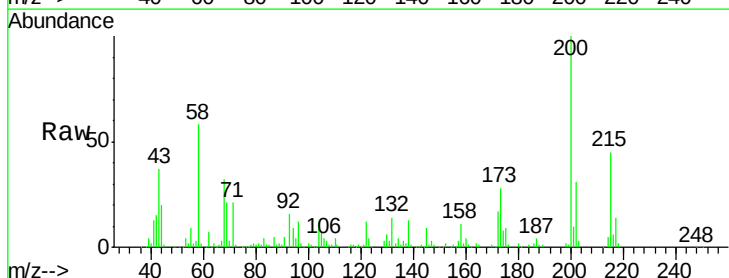
RT: 11.07 min Scan# 782

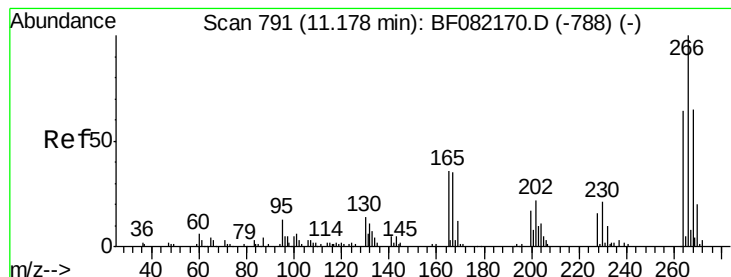
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	129635		
173	27.9	7.3	47.3	
215	45.4	26.2	66.2	





#69

Pentachlorophenol

Concen: 87.30 ng

RT: 11.18 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF082177.D

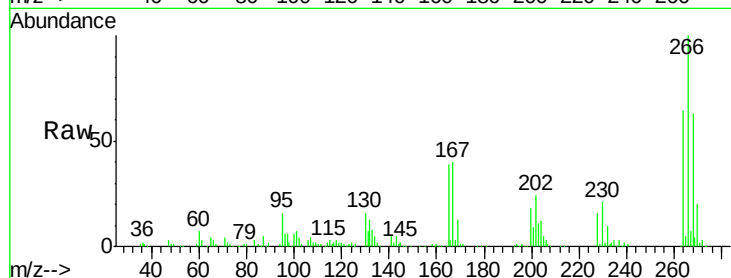
Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

ClientSampleId :

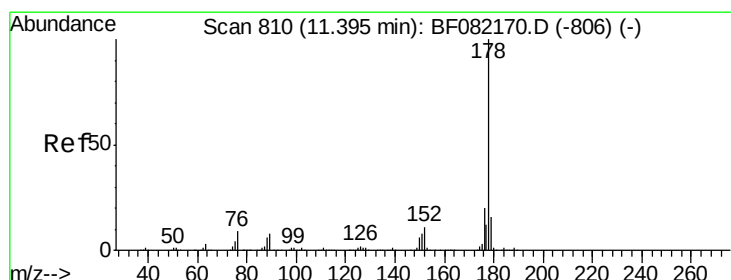
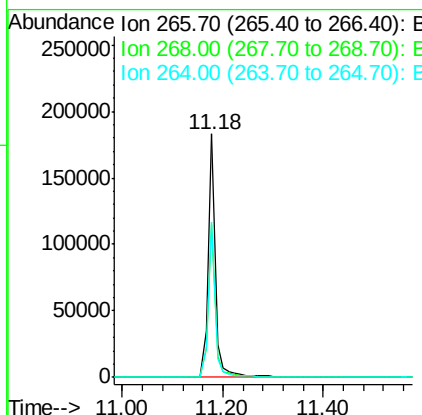
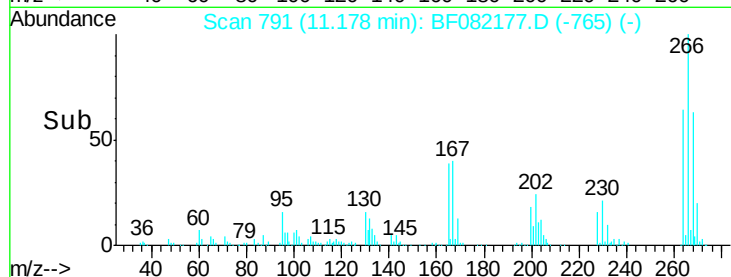
PB86038BS



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	185713		
268	62.9	52.0	78.0	
264	64.0	51.4	77.0	

Manual Integrations
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#70

Phenanthrene

Concen: 38.68 ng

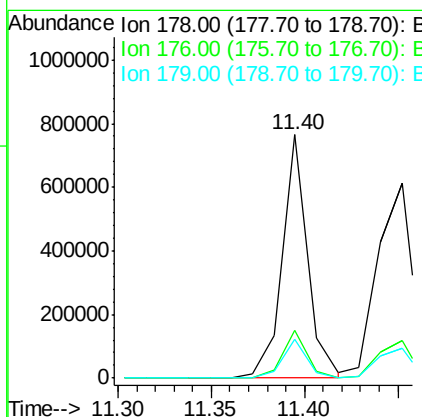
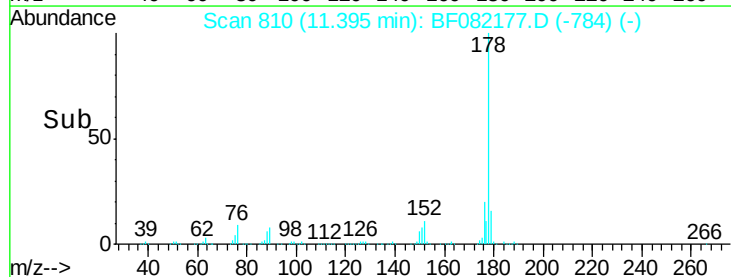
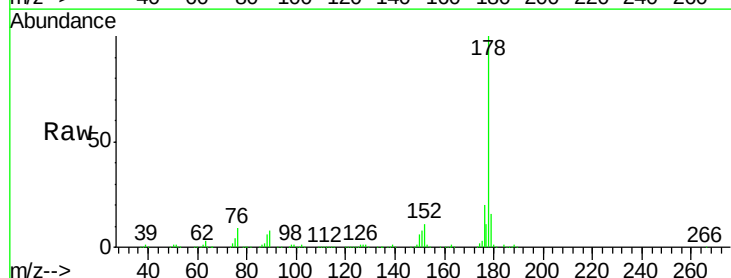
RT: 11.40 min Scan# 810

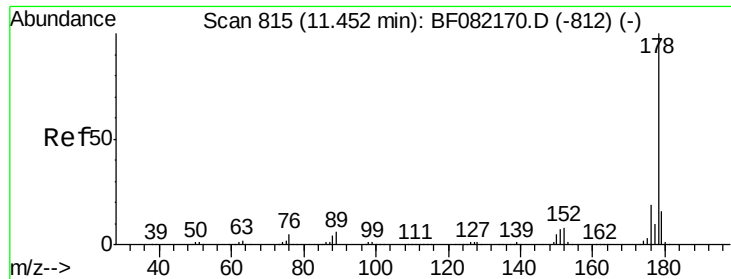
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	724224		
176	19.7	16.0	24.0	
179	15.9	12.6	19.0	





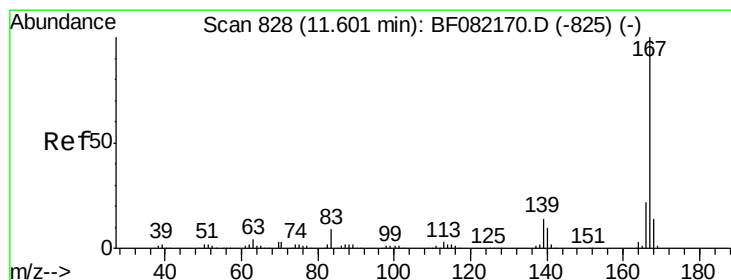
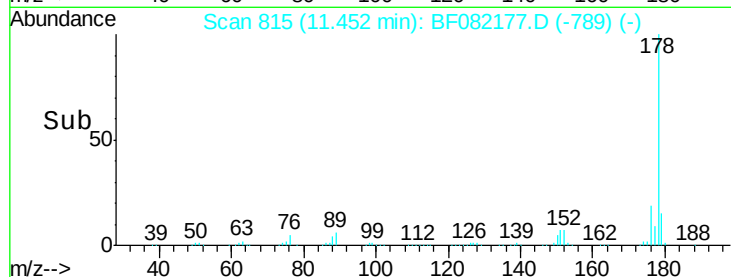
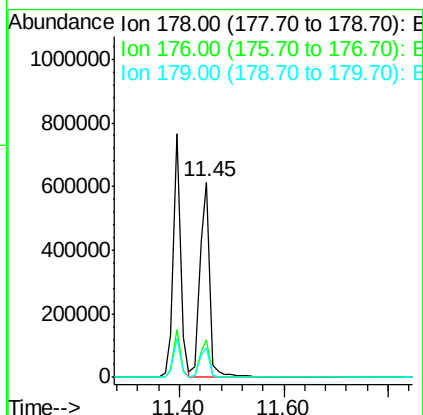
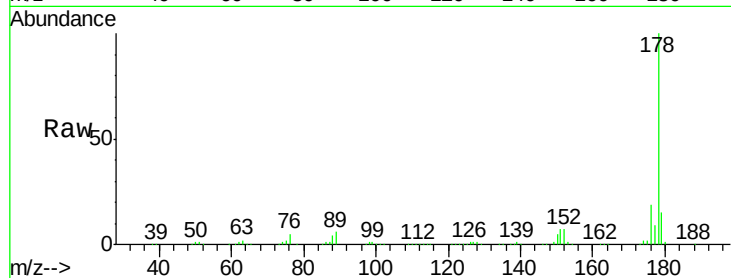
#71
 Anthracene
 Concen: 41.74 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.0	12.5	18.7

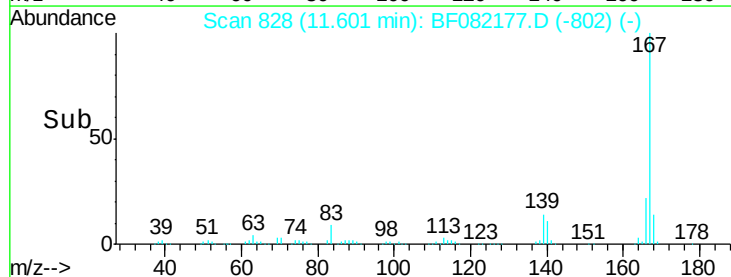
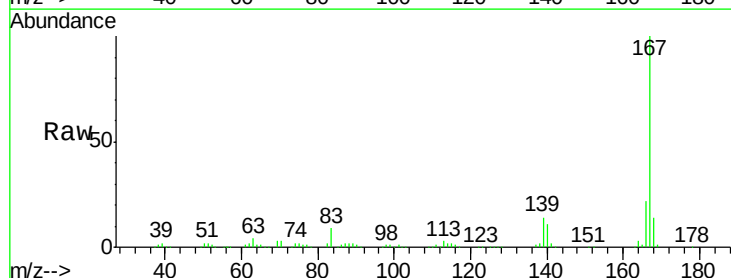
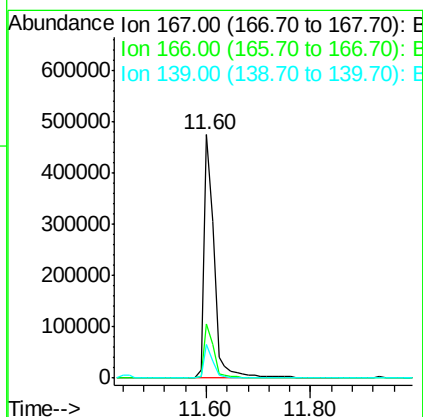
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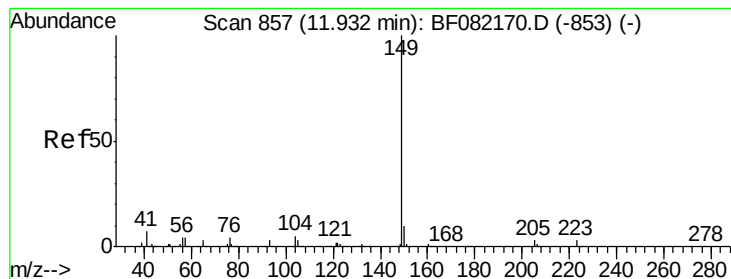
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#72
 Carbazole
 Concen: 36.45 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	13.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.83 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

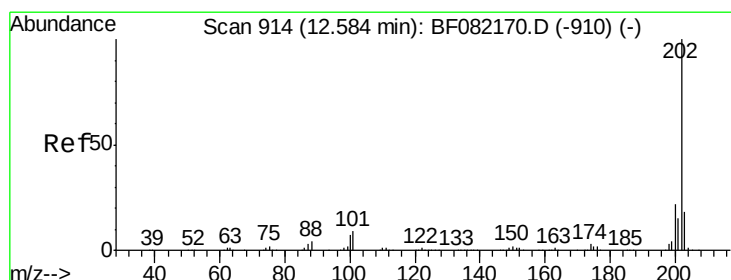
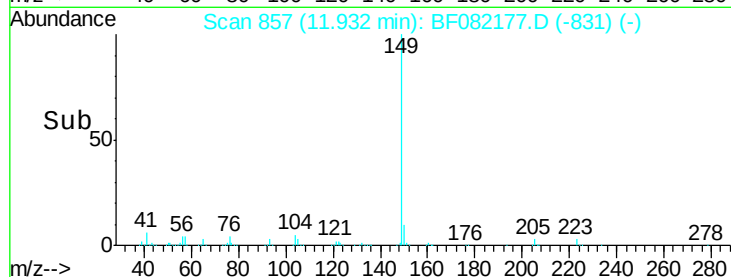
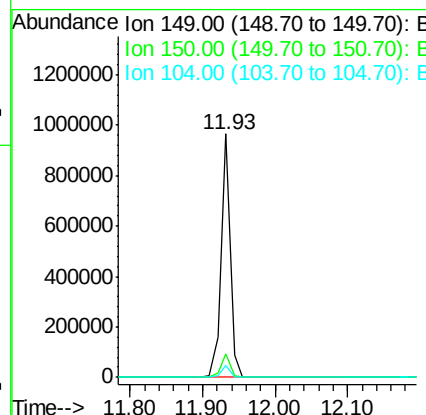
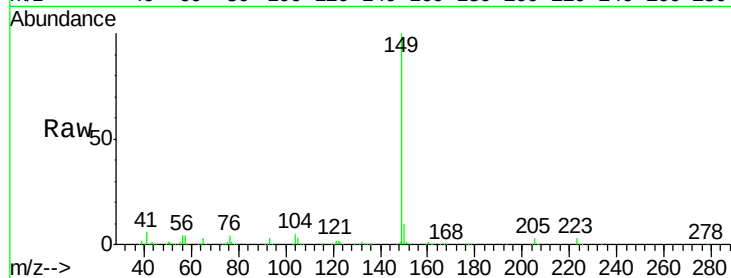
ClientSampleId :

PB86038BS

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Tgt Ion:	149	Resp:	842879
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.8	3.8	5.8



#74

Fluoranthene

Concen: 39.87 ng

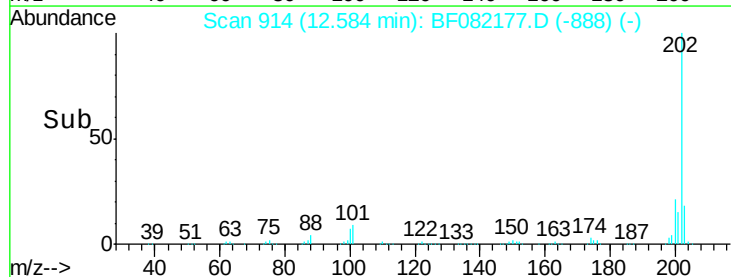
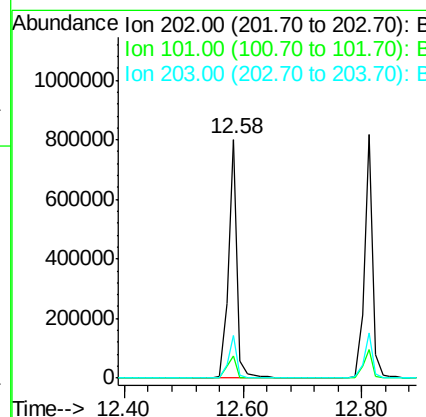
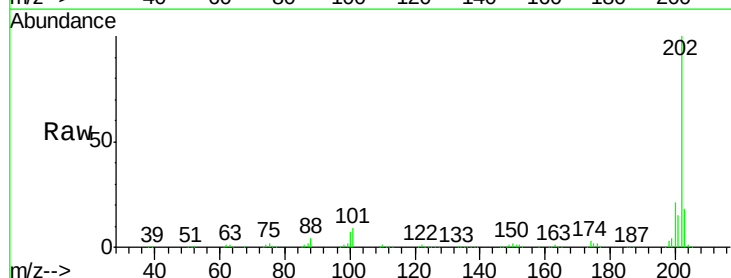
RT: 12.58 min Scan# 914

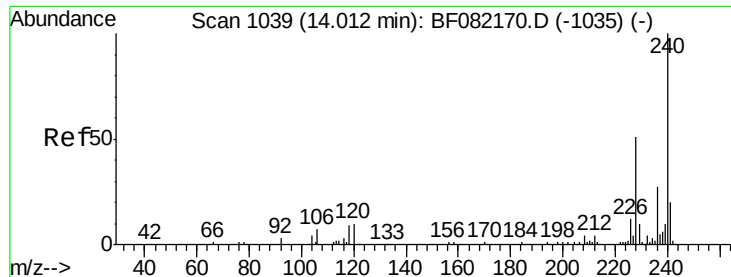
Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Tgt Ion:	202	Resp:	801576
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.3
203	17.8	0.0	37.8





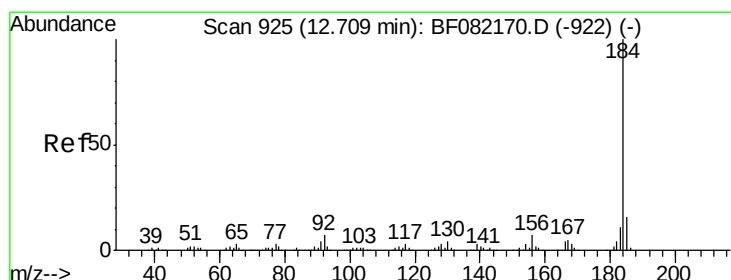
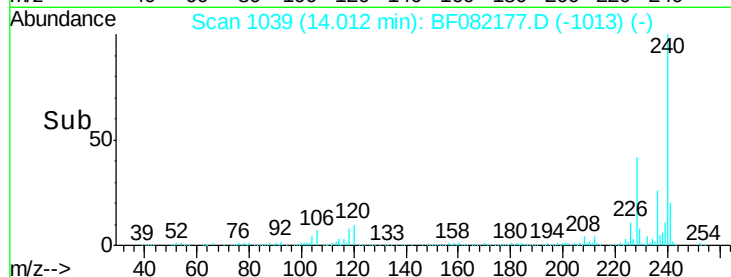
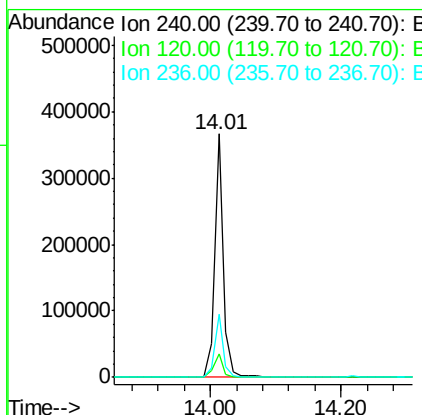
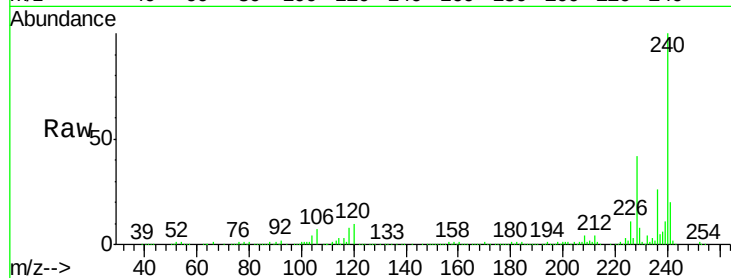
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	349183		
120	9.6	8.1	12.1	
236	25.8	21.3	31.9	

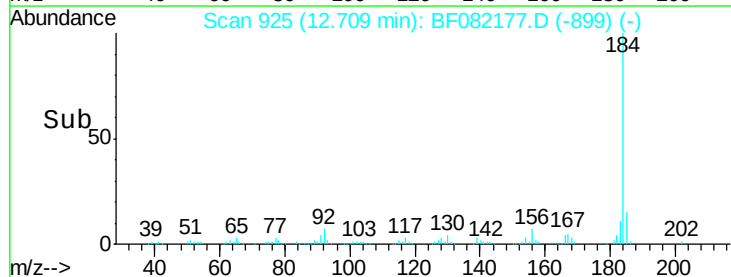
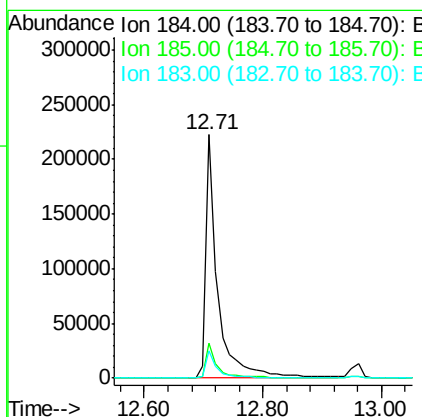
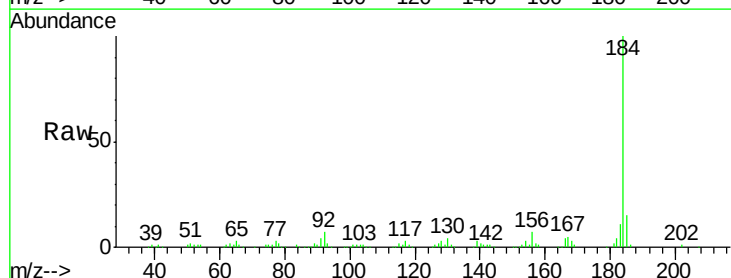
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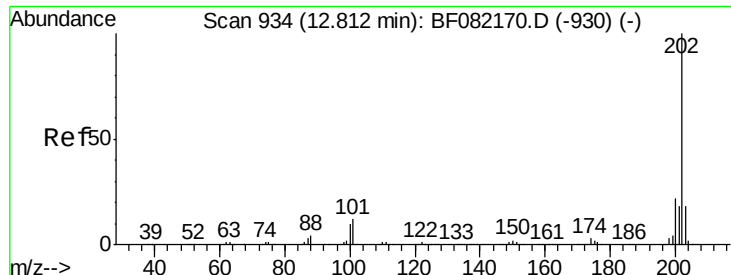
MMDadoda
 10/12/2015 2:35:02 PM



#76
 Benzidine
 Concen: 31.40 ng
 RT: 12.71 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	317732		
185	14.6	12.5	18.7	
183	11.3	9.1	13.7	





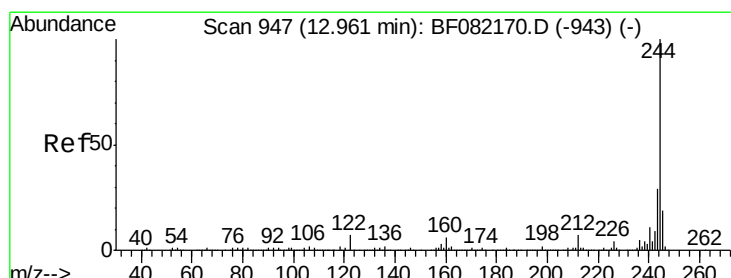
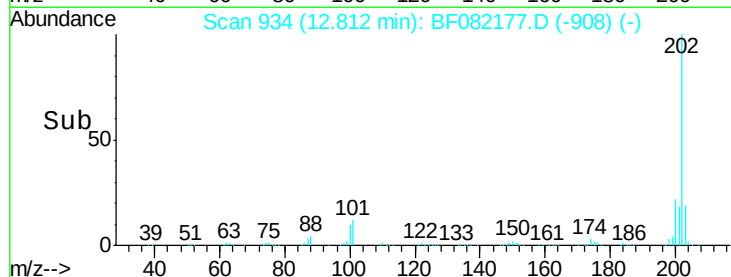
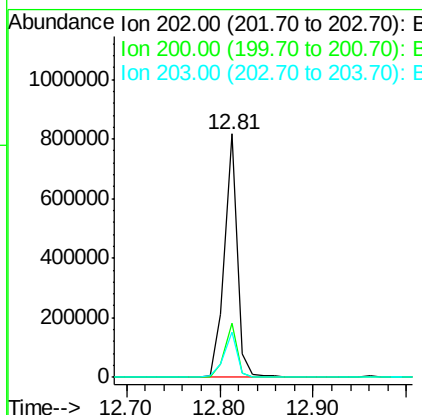
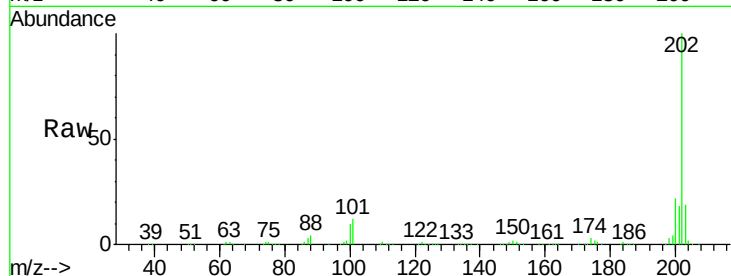
#77
 Pyrene
 Concen: 37.70 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	18.5	14.5	21.7

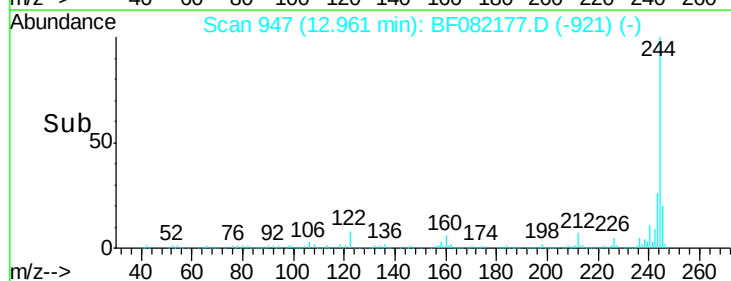
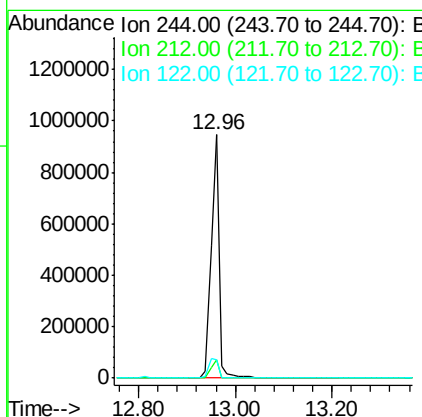
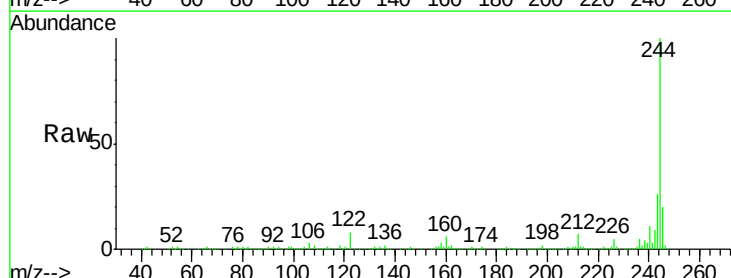
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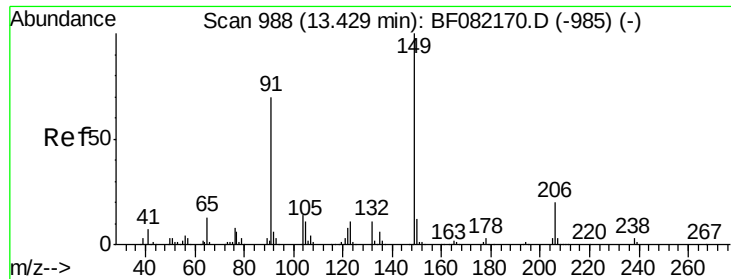
MMDadoda
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#78
 Terphenyl-d14
 Concen: 83.11 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

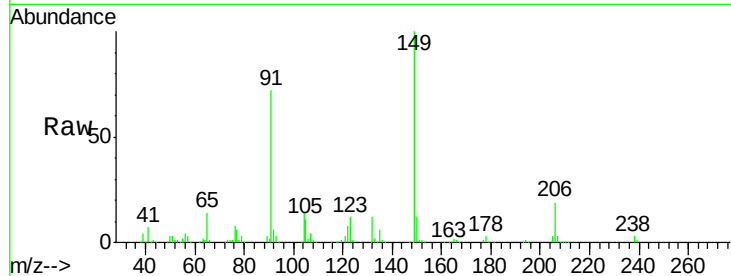
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	7.8	5.9	8.9





#79
Butylbenzylphthalate
Concen: 36.29 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

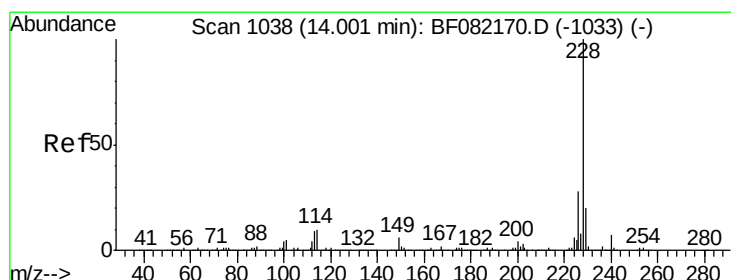
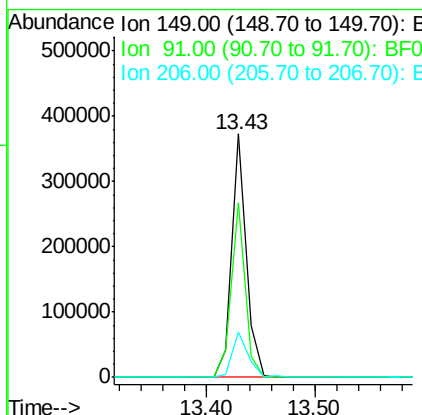
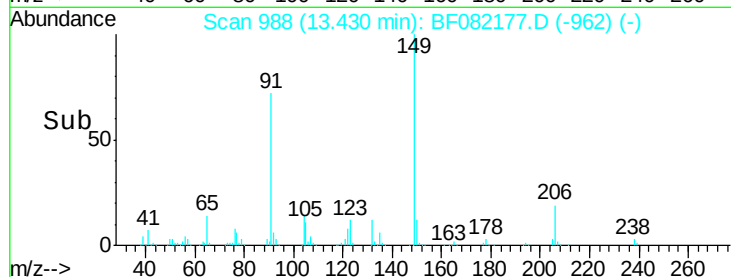
Instrument :
BNA_F
ClientSampleId :
PB86038BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.6	55.7	83.5
206	18.6	15.6	23.4

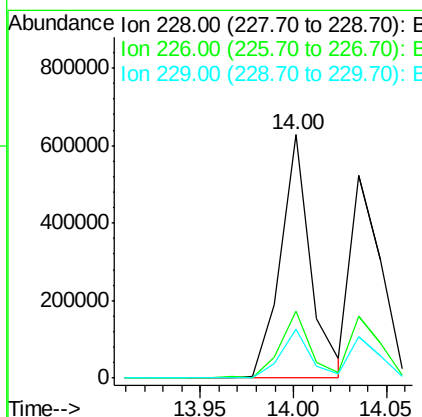
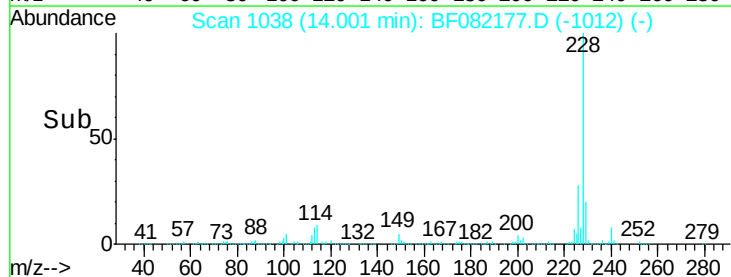
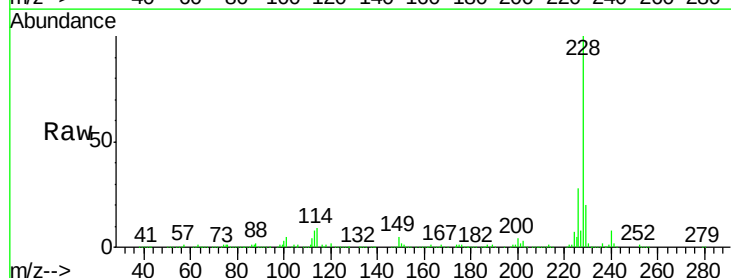
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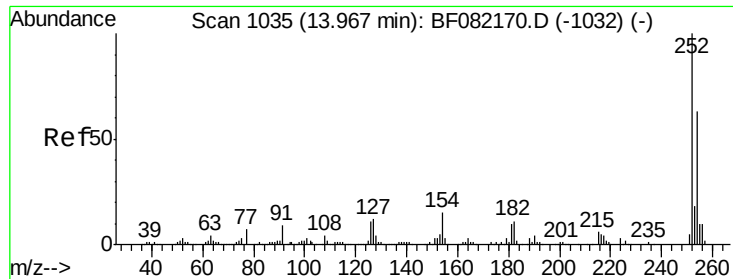
MMDadoda
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#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.3	33.5
229	19.9	16.2	24.2





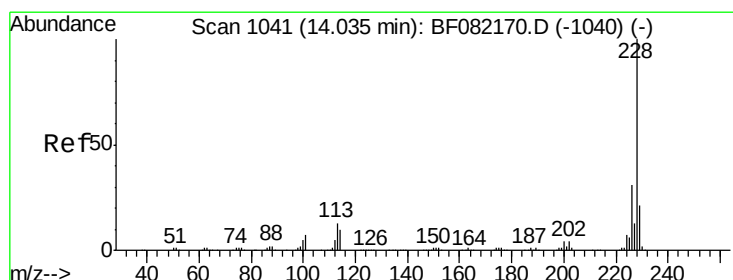
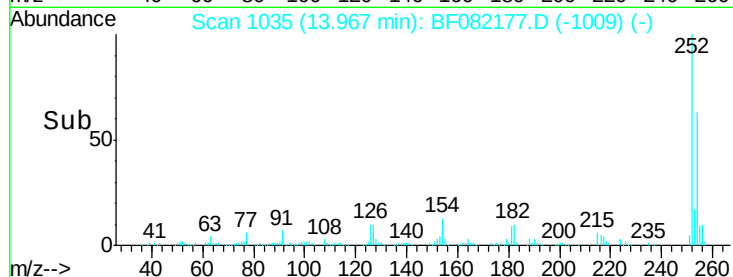
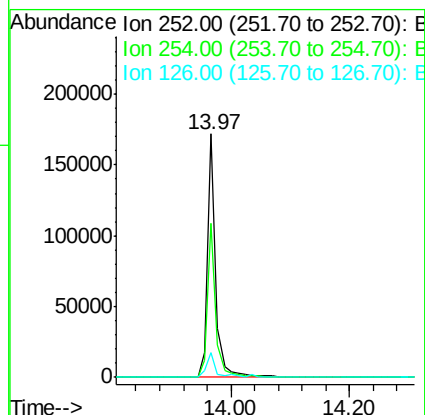
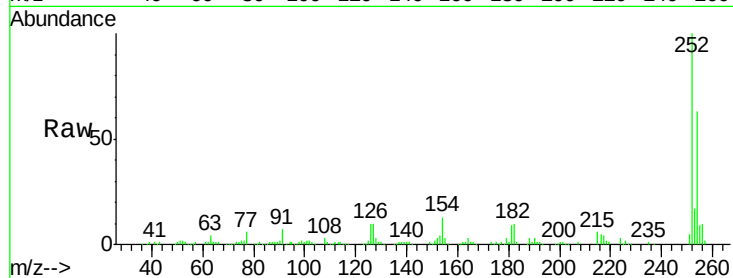
#81
 3,3'-Dichlorobenzidine
 Concen: 24.76 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	50.7	76.1
126	10.0	9.0	13.6

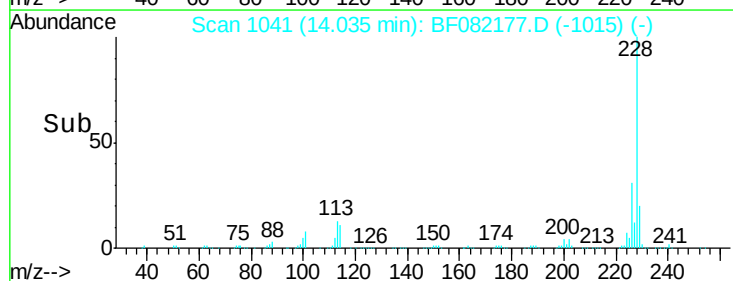
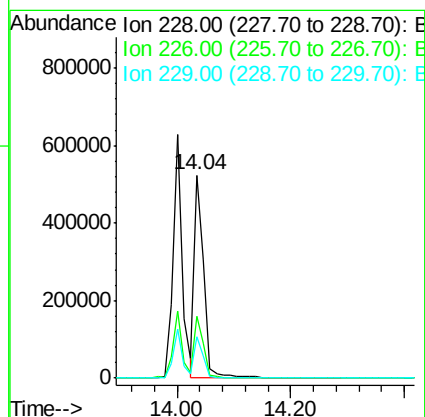
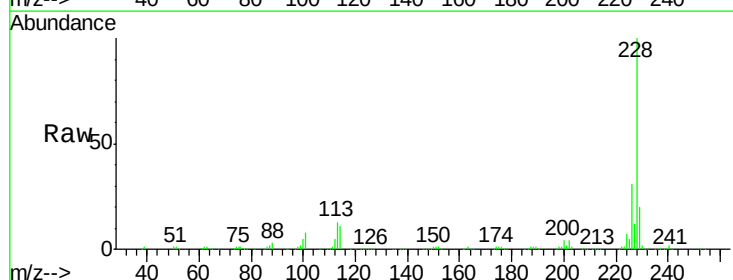
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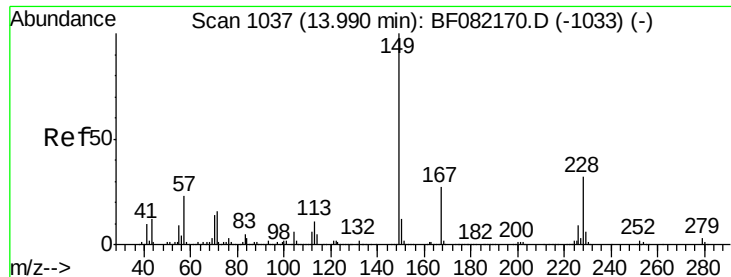
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#82
 Chrysene
 Concen: 32.41 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.4	36.6
229	20.1	16.3	24.5





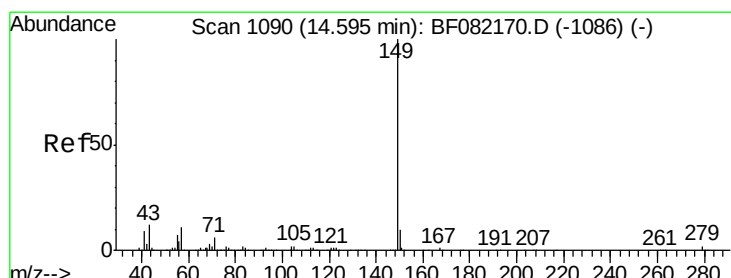
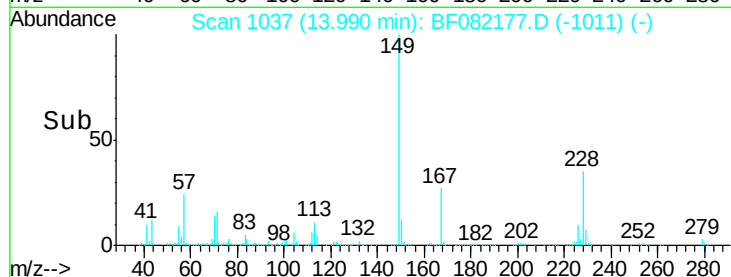
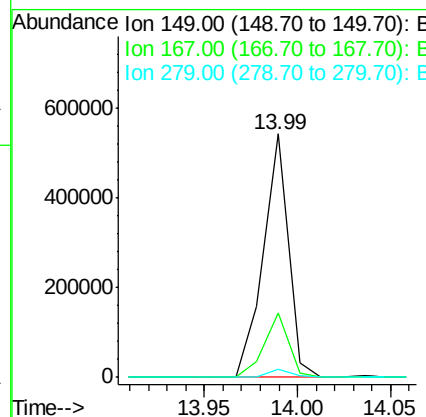
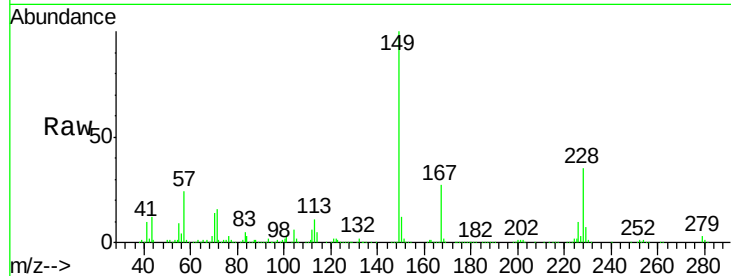
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.41 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	504716		
167	26.7	21.3	31.9	
279	3.3	2.6	4.0	

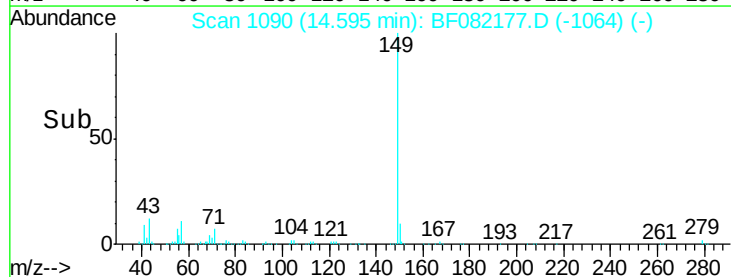
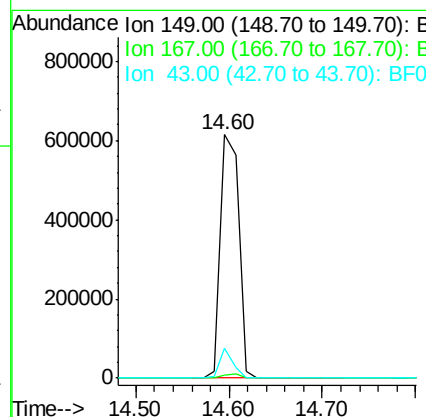
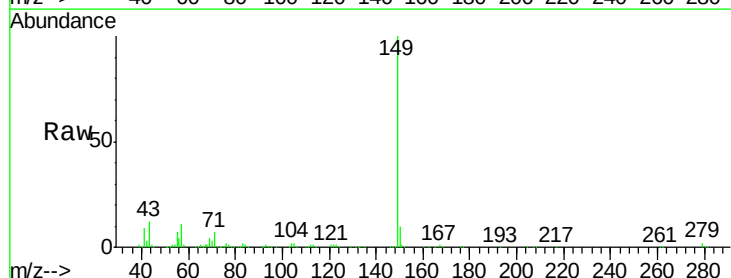
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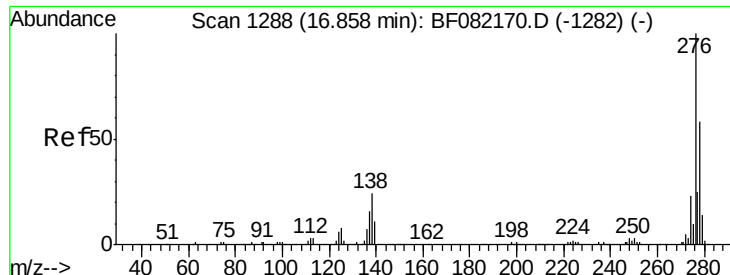
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#84
 Di-n-octyl phthalate
 Concen: 36.09 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	836246		
167	1.6	1.3	1.9	
43	9.2	7.4	11.2	





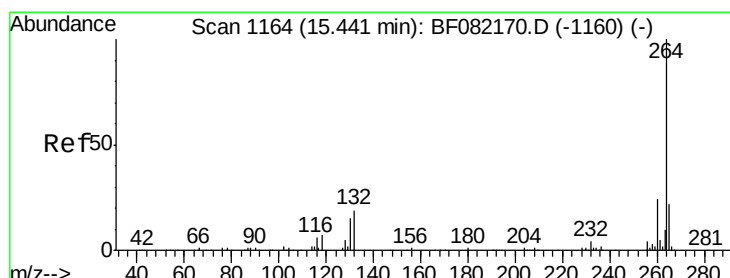
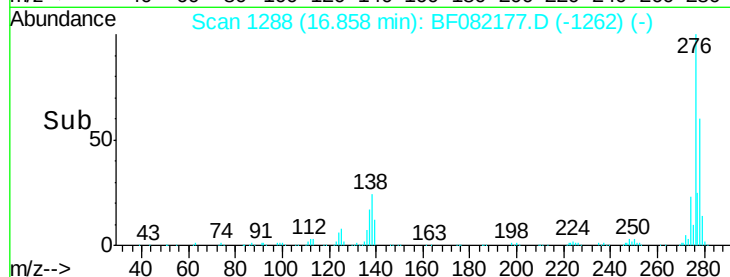
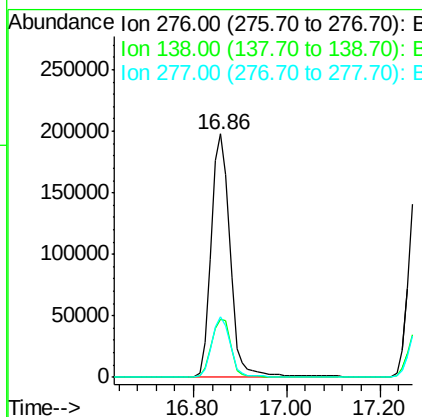
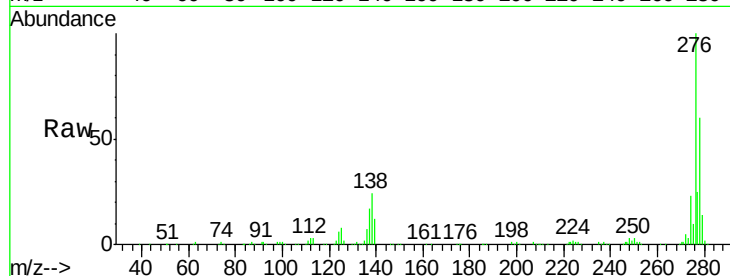
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.17 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.7	20.1	30.1

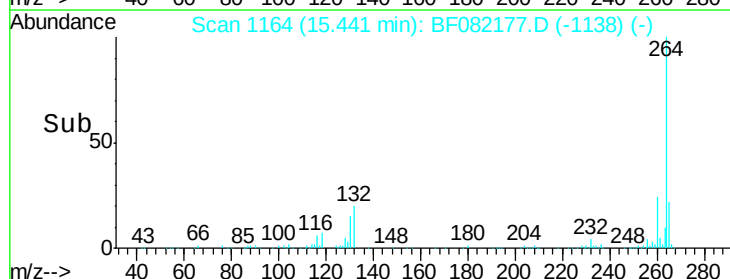
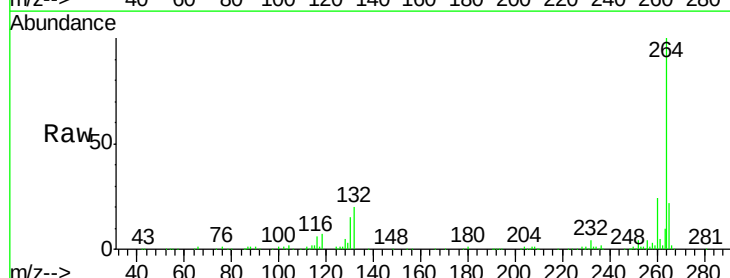
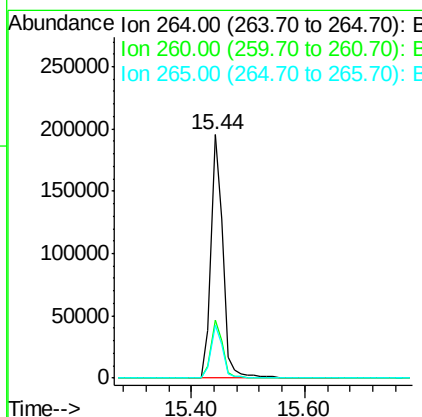
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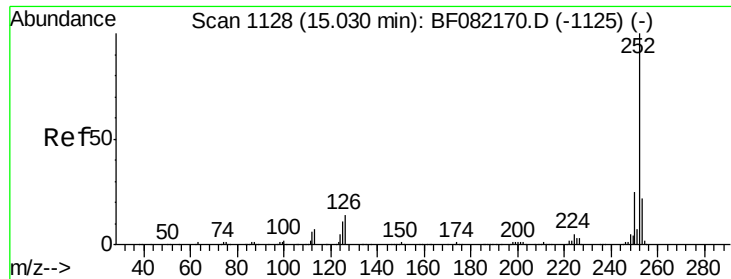
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.8	17.3	25.9





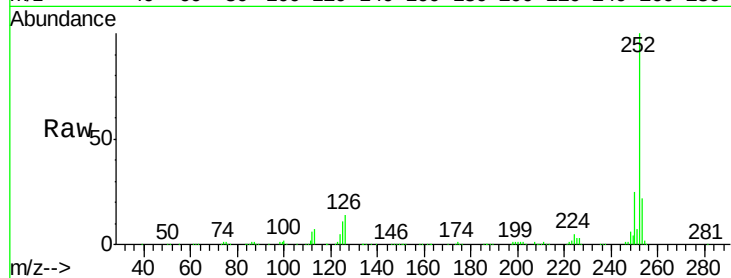
#87
Benzo(b)fluoranthene
Concen: 44.56 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB86038BS

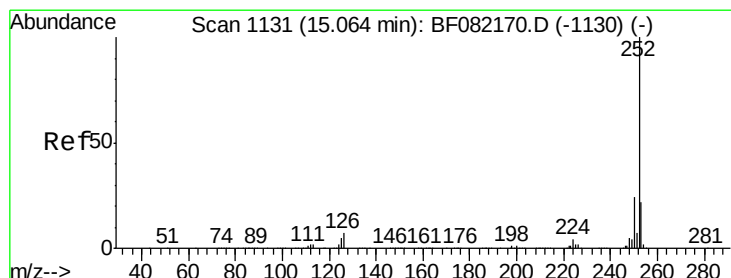
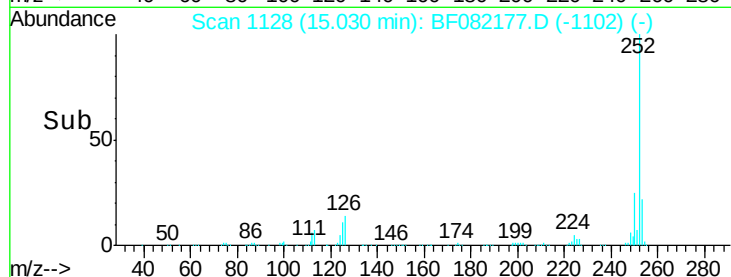
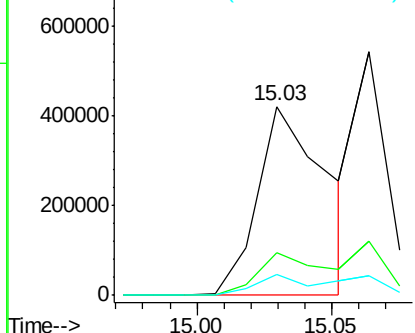
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.7	8.6	12.8

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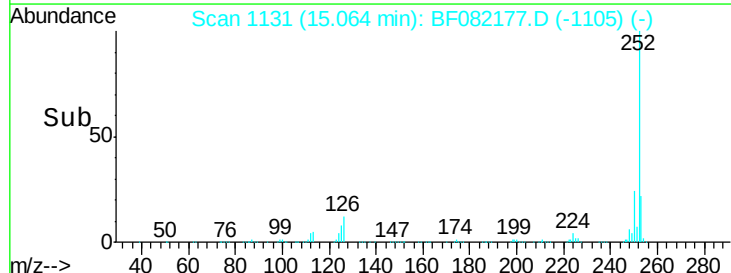
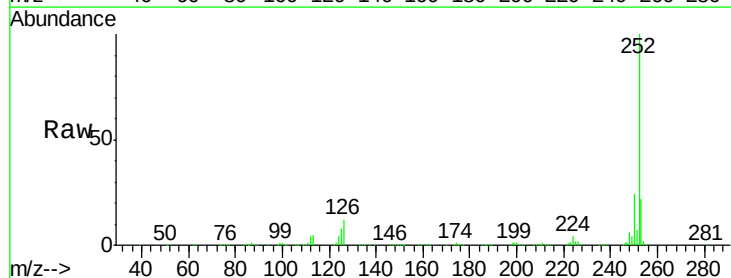
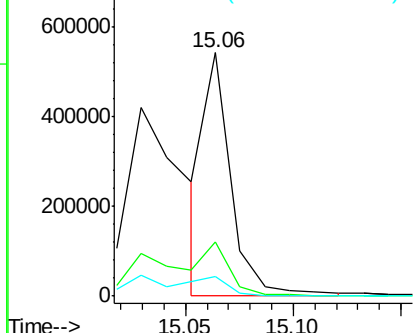
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

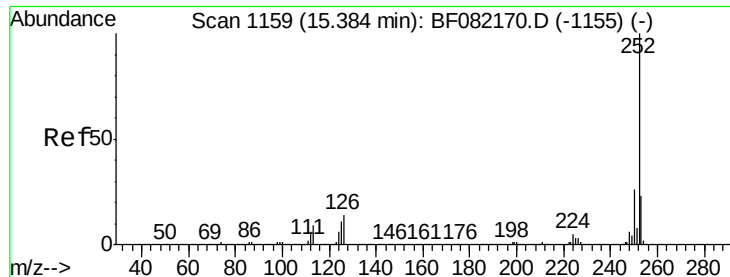


#88
Benzo(k)fluoranthene
Concen: 33.60 ng m
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082177.D
Acq: 10 Oct 2015 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.1	6.7	10.1

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: 39.64 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082177.D

Acq: 10 Oct 2015 15:35

Instrument :

BNA_F

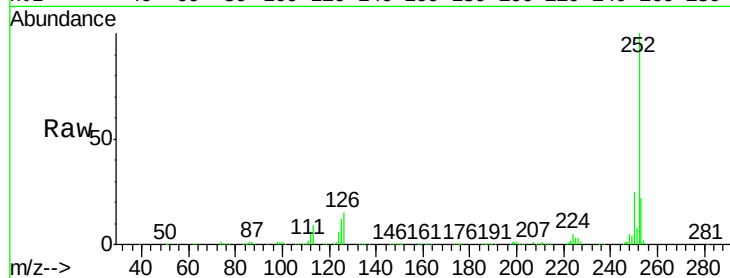
ClientSampleId :

PB86038BS

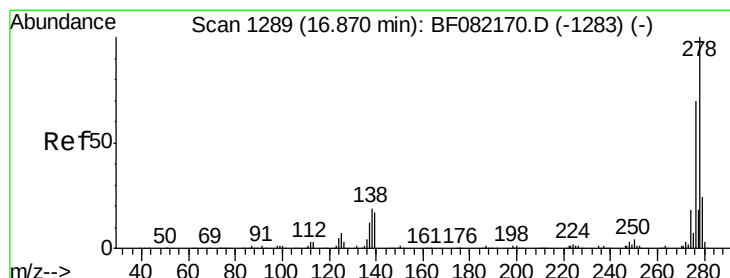
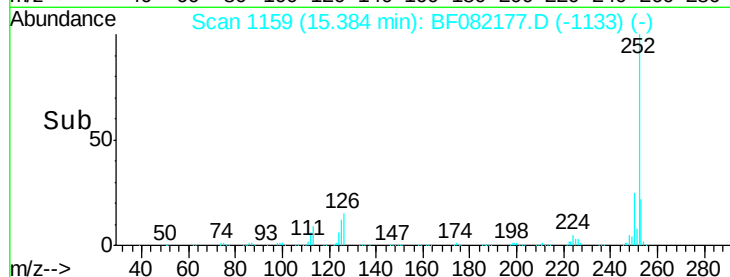
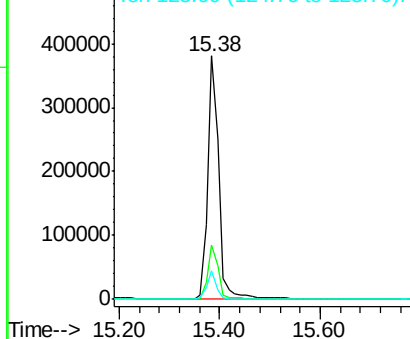
Tgt Ion:	252	Resp:	572490
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	11.6	8.9	13.3

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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



#90

Dibenzo(a,h)anthracene

Concen: 40.09 ng

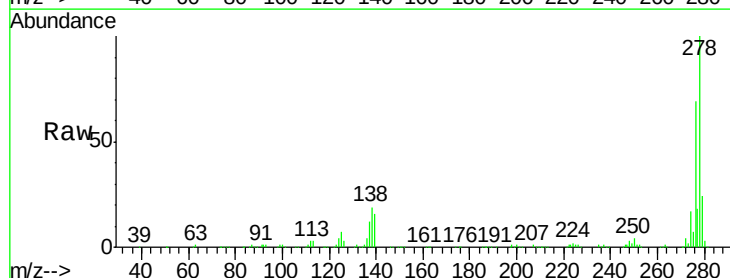
RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

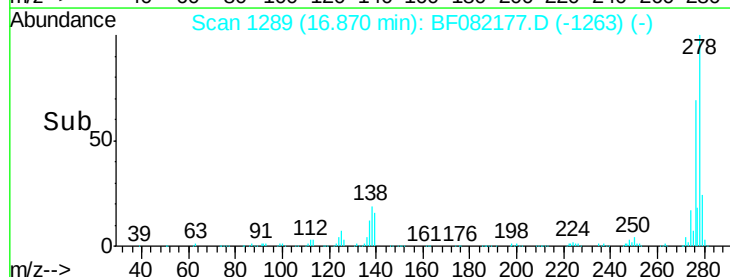
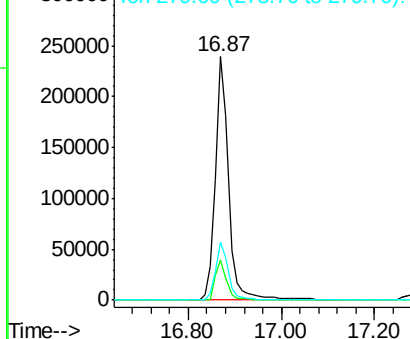
Lab File: BF082177.D

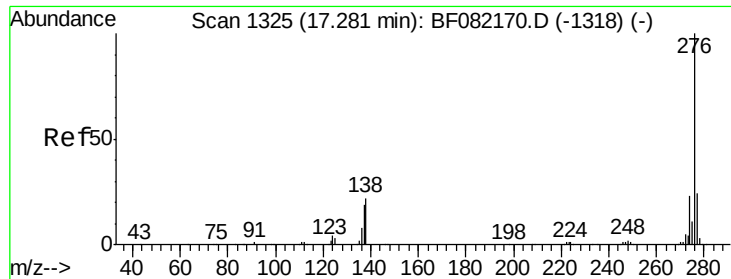
Acq: 10 Oct 2015 15:35

Tgt Ion:	278	Resp:	474475
Ion Ratio	Lower	Upper	
278	100		
139	16.4	13.3	19.9
279	24.1	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 39.32 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082177.D
 Acq: 10 Oct 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86038BS

Tgt Ion:	276	Resp:	452135
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.8	17.4	26.2

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