

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082221.D
 Acq On : 12 Oct 2015 15:31
 Operator : UM/IZ
 Sample : PB86065BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:35 PM

Quant Time: Oct 13 02:26:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95193m	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	368938	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	188712	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	384518	20.00	ng	0.00
75) Chrysene-d12	14.01	240	380248	20.00	ng	0.00
86) Perylene-d12	15.44	264	315868	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	450171	95.44	ng	0.01
7) Phenol-d6	6.47	99	589694	96.07	ng	0.00
23) Nitrobenzene-d5	7.41	82	386534	70.36	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	196345	110.94	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	770891	67.74	ng	0.00
78) Terphenyl-d14	12.95	244	857996	59.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	57825	24.40	ng	# 89
3) Pyridine	3.18	79	163944	29.74	ng	95
4) n-Nitrosodimethylamine	3.13	42	64636	27.65	ng	# 96
6) Aniline	6.49	93	159873m	20.20	ng	
8) 2-Chlorophenol	6.62	128	185795	32.27	ng	92
9) Benzaldehyde	6.38	77	91874	29.31	ng	98
10) Phenol	6.48	94	192354	27.18	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	179194	29.94	ng	95
12) 1,3-Dichlorobenzene	6.77	146	195003m	29.08	ng	
13) 1,4-Dichlorobenzene	6.85	146	202251m	28.88	ng	
14) 1,2-Dichlorobenzene	7.01	146	194772	29.29	ng	# 92
15) Benzyl Alcohol	6.98	79	144859	34.19	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	255128	30.61	ng	97
17) 2-Methylphenol	7.10	107	147431	32.38	ng	96
18) Hexachloroethane	7.34	117	66195	27.62	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	115769m	26.86	ng	
20) 3+4-Methylphenols	7.25	107	172819	31.85	ng	93
22) Acetophenone	7.25	105	234624	32.15	ng	98
24) Nitrobenzene	7.42	77	166042	27.92	ng	99
25) Isophorone	7.66	82	332227	29.96	ng	100
26) 2-Nitrophenol	7.74	139	99203	33.41	ng	95
27) 2,4-Dimethylphenol	7.78	122	159605	33.36	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	218193	33.82	ng	98
29) 2,4-Dichlorophenol	7.98	162	158578	33.16	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	165034	29.94	ng	98
31) Naphthalene	8.14	128	481841	30.13	ng	100
32) Benzoic acid	7.90	122	80861	25.18	ng	97
33) 4-Chloroaniline	8.19	127	72767	10.96	ng	99
34) Hexachlorobutadiene	8.25	225	97421	28.36	ng	98
35) Caprolactam	8.56	113	47989m	34.58	ng	
36) 4-Chloro-3-methylphenol	8.69	107	169305	36.20	ng	92
37) 2-Methylnaphthalene	8.83	142	367210	33.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	169533	30.20	ng	98
40) Hexachlorocyclopentadiene	8.98	237	145987	54.37	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	116301	31.20	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	128191	31.74	nq #	92
45) 1,1'-Biphenyl	9.30	154	461078	32.04	nq	96
46) 2-Chloronaphthalene	9.33	162	353933	31.24	nq	97
47) 2-Nitroaniline	9.43	65	107189	34.47	nq #	79
48) Acenaphthylene	9.74	152	542766	30.76	nq	99
49) Dimethylphthalate	9.60	163	415961	31.30	nq	99
50) 2,6-Dinitrotoluene	9.67	165	89492	31.92	nq #	82
51) Acenaphthene	9.91	154	364880	34.44	nq	99
52) 3-Nitroaniline	9.84	138	52570	16.60	nq	98
53) 2,4-Dinitrophenol	9.95	184	85090	56.36	nq #	83
54) Dibenzofuran	10.08	168	467850	32.17	nq	96
55) 4-Nitrophenol	10.01	139	144398	69.61	nq	99
56) 2,4-Dinitrotoluene	10.08	165	123022	35.10	nq	88
57) Fluorene	10.42	166	379710	31.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	115037	34.86	nq	92
59) Diethylphthalate	10.31	149	416448	33.62	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	189878	34.70	nq #	83
61) 4-Nitroaniline	10.46	138	102799	33.46	nq	98
62) Azobenzene	10.58	77	409056	33.74	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63511	29.43	nq	76
65) n-Nitrosodiphenylamine	10.54	169	345624	30.02	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	116425	30.25	nq #	81
67) Hexachlorobenzene	10.97	284	130388	31.33	nq #	82
68) Atrazine	11.07	200	128459	35.22	nq	96
69) Pentachlorophenol	11.17	266	133933	62.54	nq	98
70) Phenanthrene	11.40	178	615904	32.68	nq	99
71) Anthracene	11.44	178	641918	33.05	nq	99
72) Carbazole	11.60	167	597601	33.73	nq	99
73) Di-n-butylphthalate	11.93	149	681820	31.20	nq #	97
74) Fluoranthene	12.57	202	652944	32.26	nq	96
76) Benzydine	12.71	184	353618	32.09	nq	98
77) Pyrene	12.80	202	682470	30.24	nq	99
79) Butylbenzylphthalate	13.43	149	315452	30.63	nq #	84
80) Benzo(a)anthracene	14.00	228	620227	31.35	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	124258	16.55	nq #	97
82) Chrysene	14.04	228	634954	30.46	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	409331	27.86	nq #	97
84) Di-n-octyl phthalate	14.60	149	675446	26.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	472520	28.52	nq	99
87) Benzo(b)fluoranthene	15.03	252	565095m	29.41	nq	
88) Benzo(k)fluoranthene	15.05	252	547241m	33.88	nq	
89) Benzo(a)pyrene	15.38	252	517599	31.34	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	388017	28.67	nq #	96
91) Benzo(g,h,i)perylene	17.27	276	384723	29.26	nq	99

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

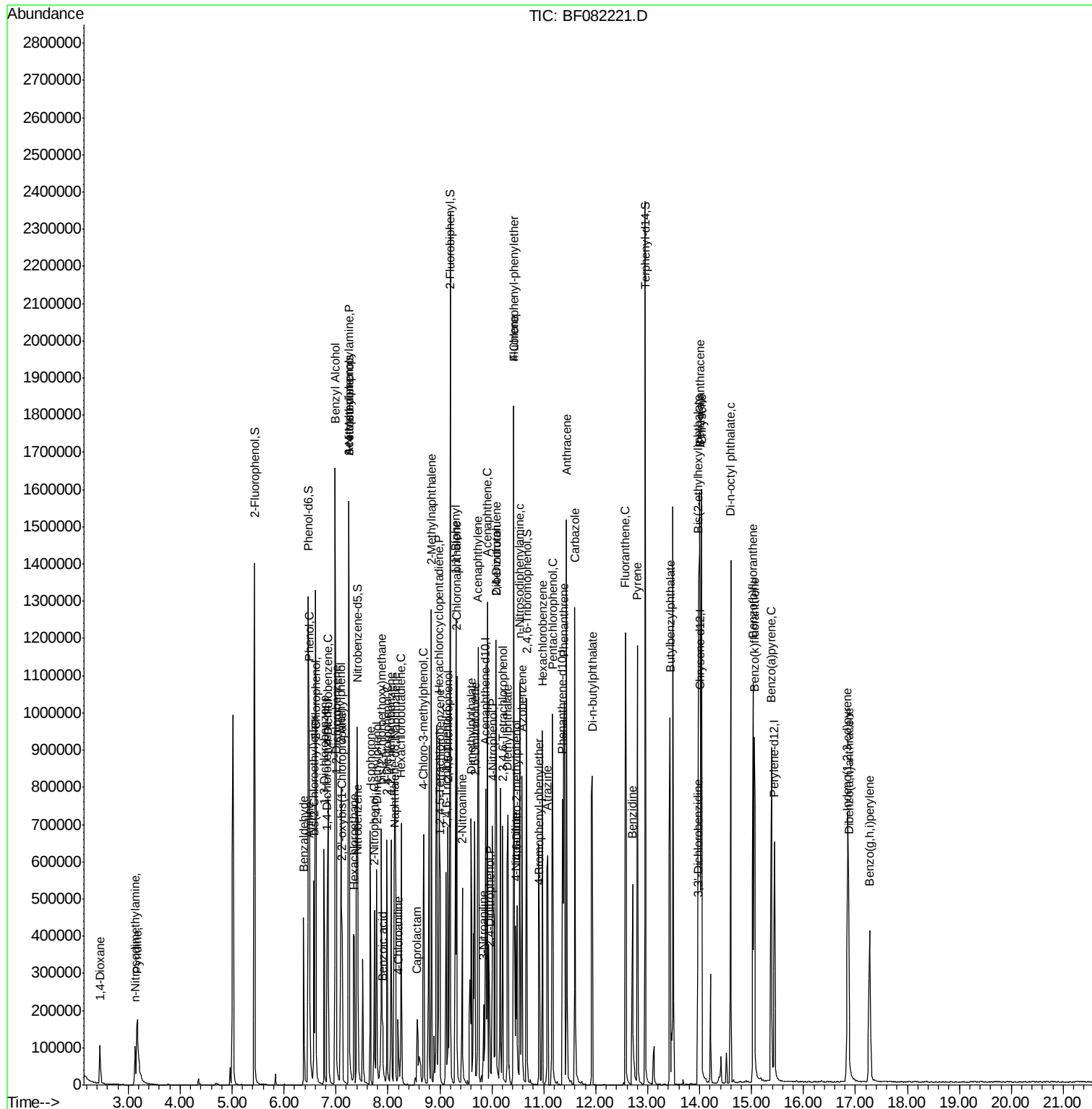
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Operator  : UM/IZ  
Sample    : PB86065BS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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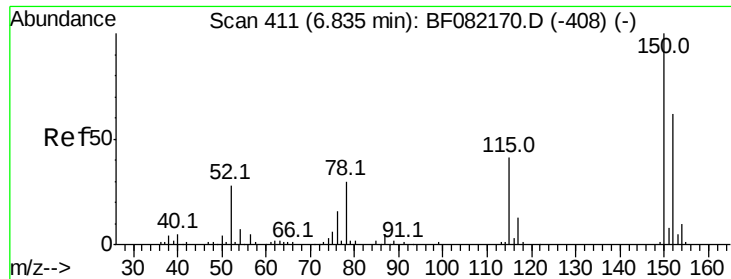
Instrument :
BNA_F
ClientSampleId :
PB86065BS

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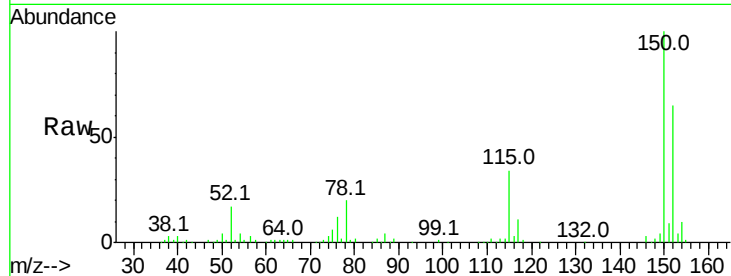
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

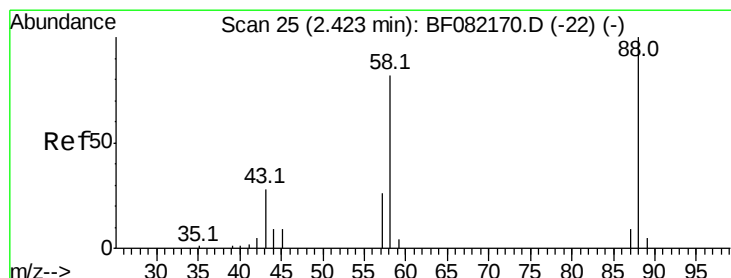
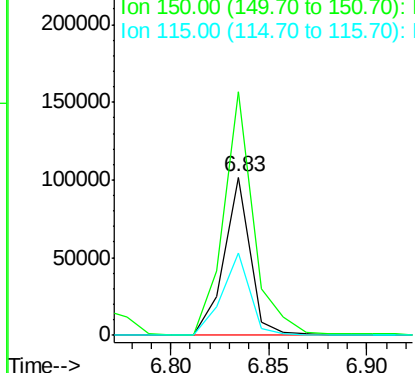
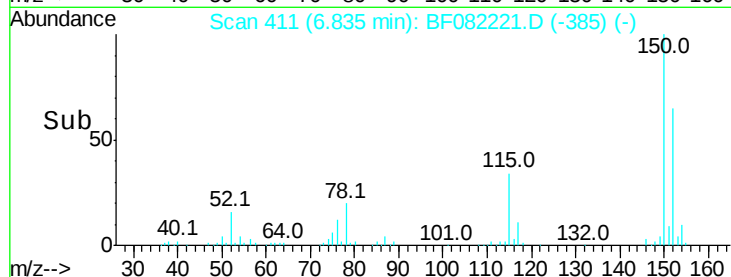
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.0	193.4
115	52.1	52.1	78.1#

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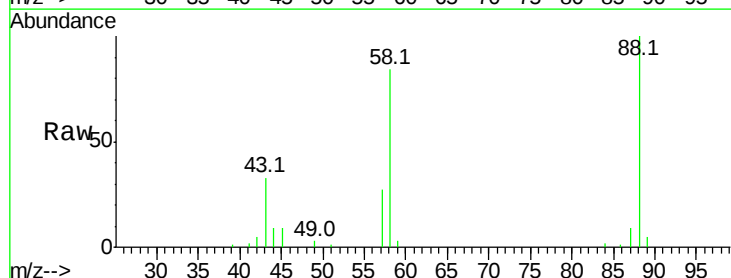
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



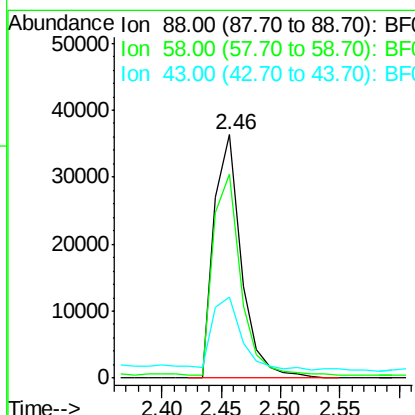
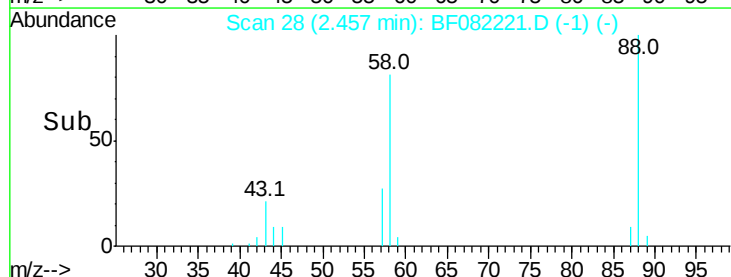
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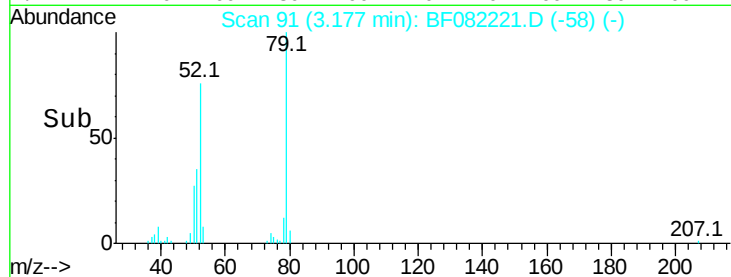
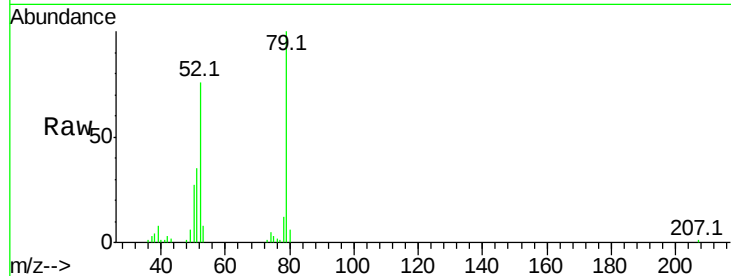
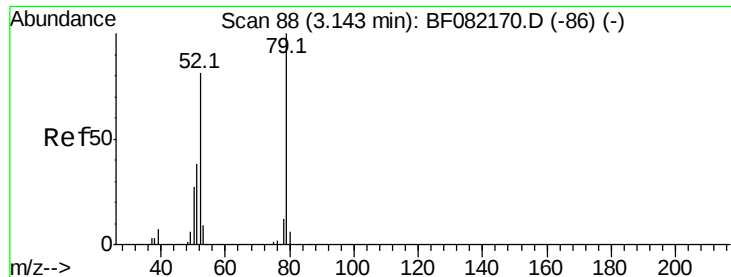
1,4-Dioxane
Concen: 24.40 ng
RT: 2.46 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	66.2	99.4
43	35.1	23.0	34.4#



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





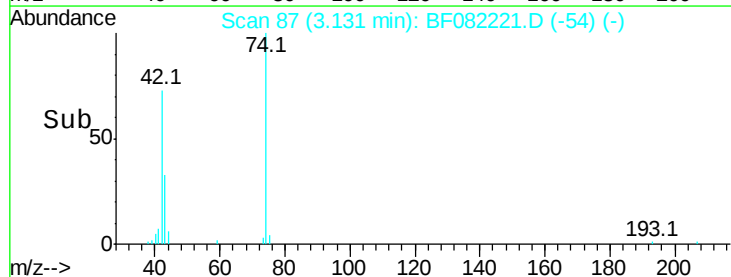
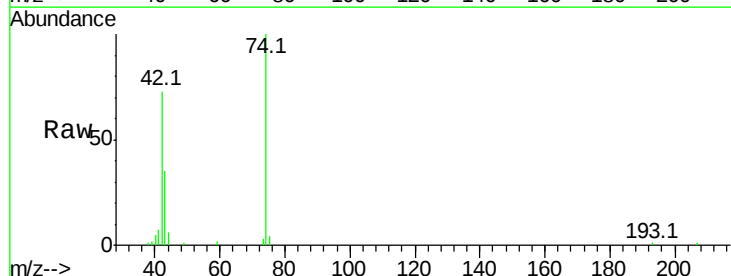
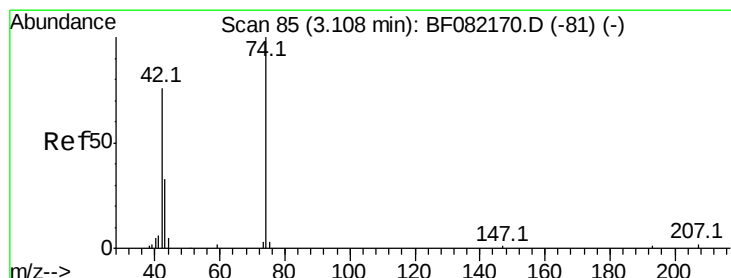
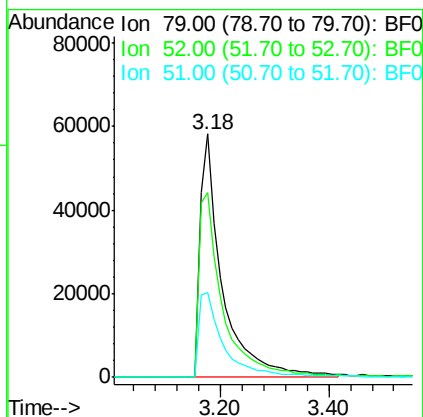
#3
Pvridine
Concen: 29.74 ng
RT: 3.18 min Scan# 91
Delta R.T. 0.08 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.0	64.4	96.6
51	35.1	30.5	45.7

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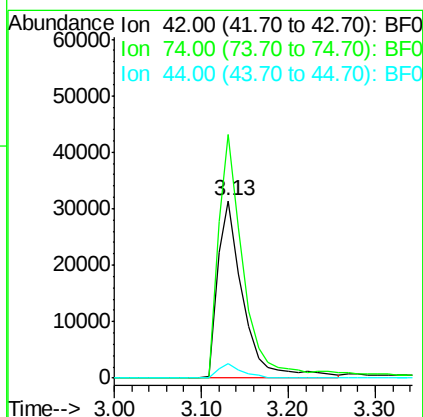
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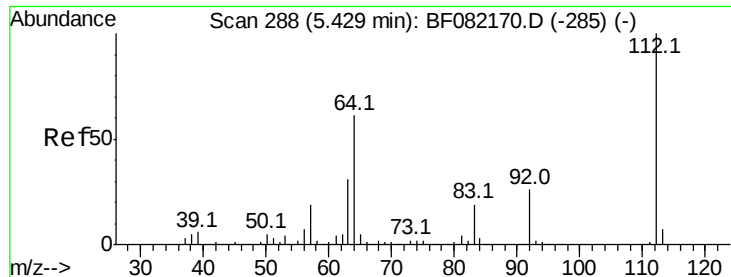
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#4
n-Nitrosodimethylamine
Concen: 27.65 ng
RT: 3.13 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	105.7	158.5
44	8.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 95.44 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

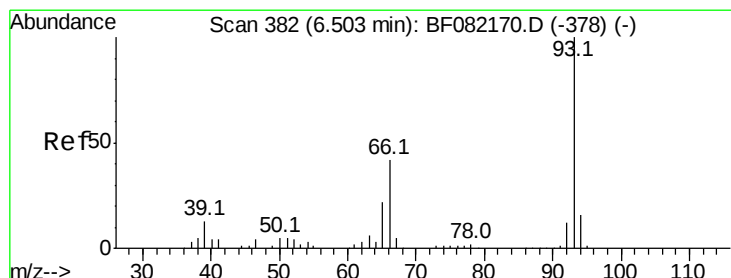
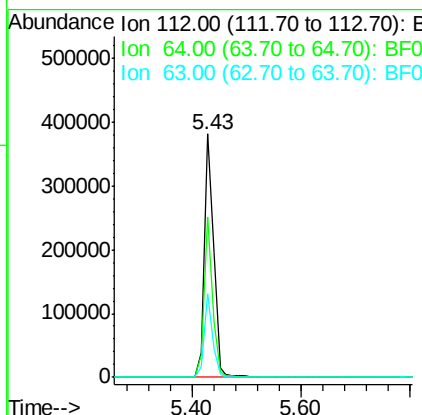
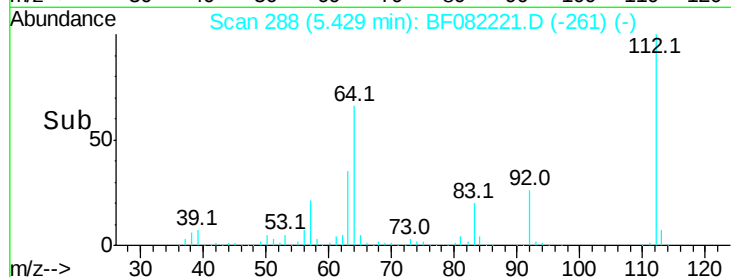
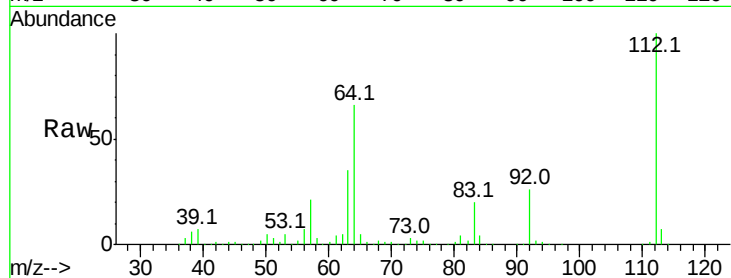
ClientSampleId :

PB86065BS

Tot Ion:	112	Resp:	450171
Ion Ratio		Lower	Upper
112	100		
64	65.6	48.6	73.0
63	34.5	25.1	37.7

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#6

Aniline

Concen: 20.20 ng m

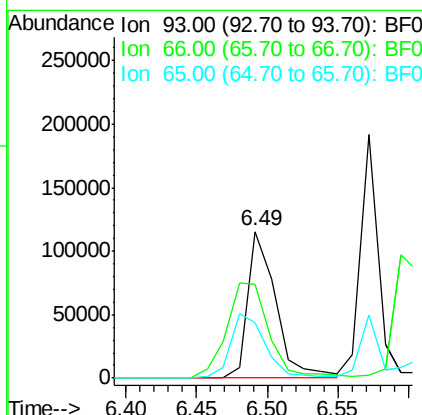
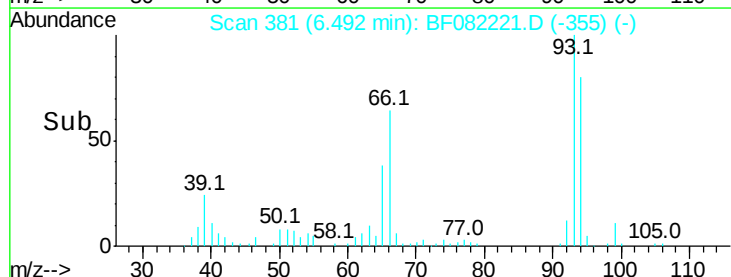
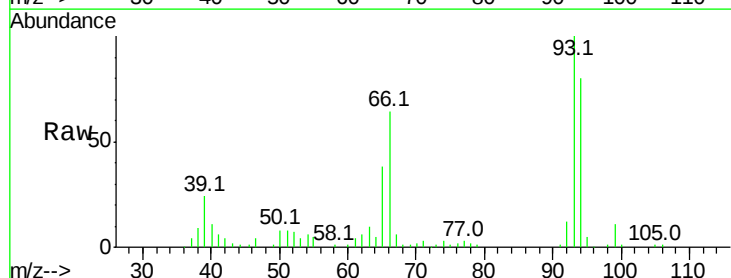
RT: 6.49 min Scan# 381

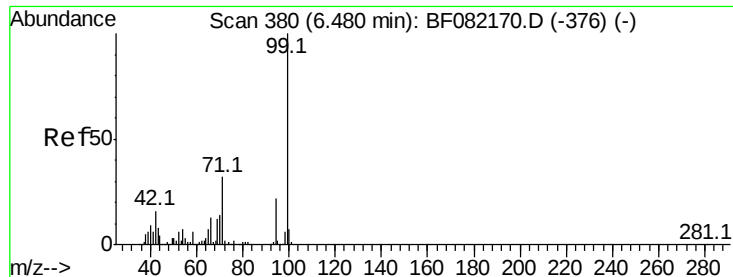
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	93	Resp:	159873
Ion Ratio		Lower	Upper
93	100		
66	64.3	34.2	51.2#
65	37.6	17.9	26.9#





#7

Phenol-d6

Concen: 96.07 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

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BNA_F

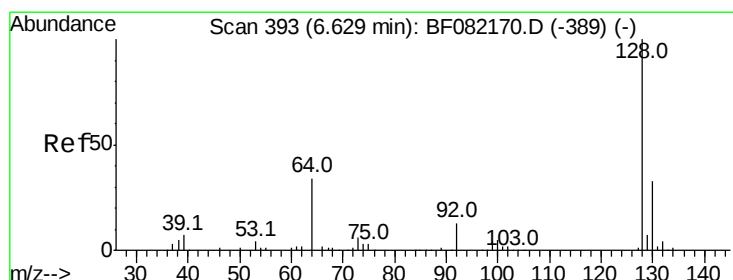
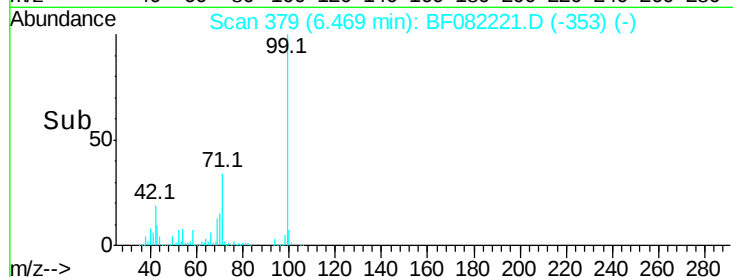
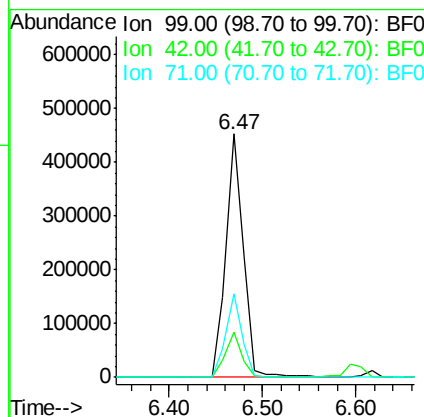
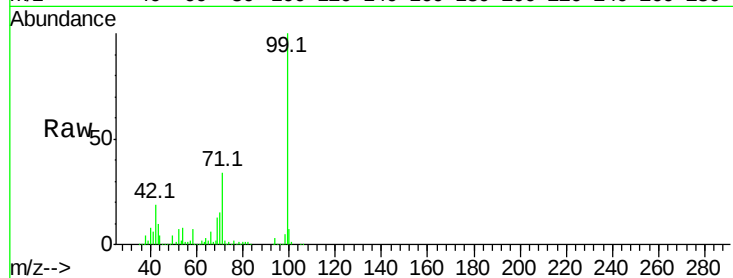
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Tot Ion	99	Resp	589694
Ion Ratio	Lower	Upper	
99	100		
42	18.6	13.2	19.8
71	34.4	25.6	38.4



#8

2-Chlorophenol

Concen: 32.27 ng

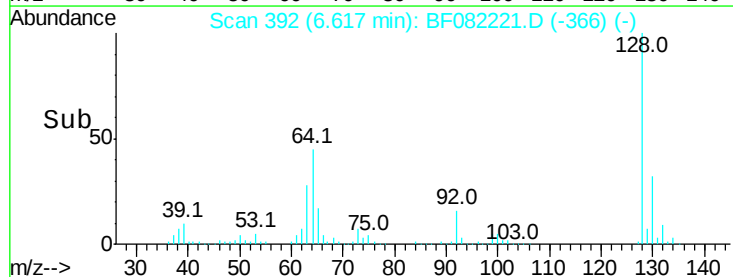
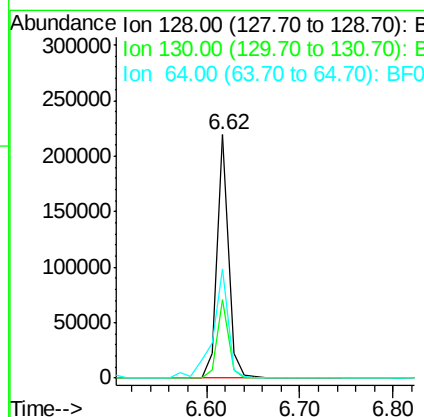
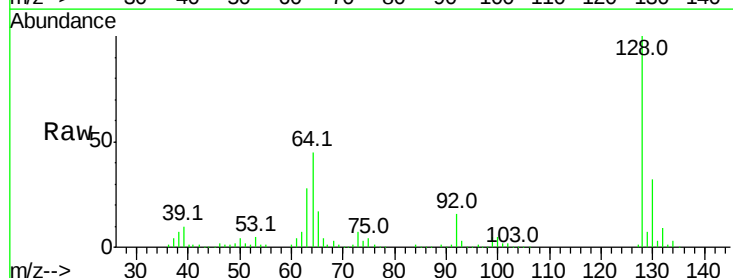
RT: 6.62 min Scan# 392

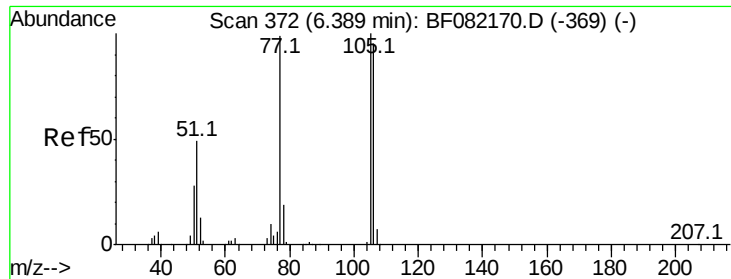
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion	128	Resp	185795
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.6	52.6
64	45.0	16.7	56.7





#9

Benzaldehyde

Concen: 29.31 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

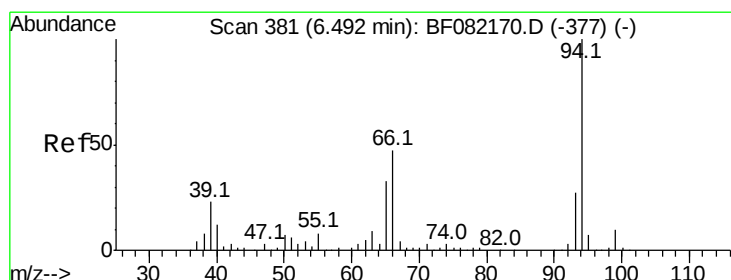
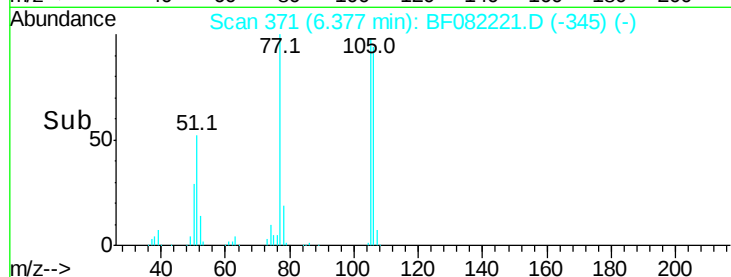
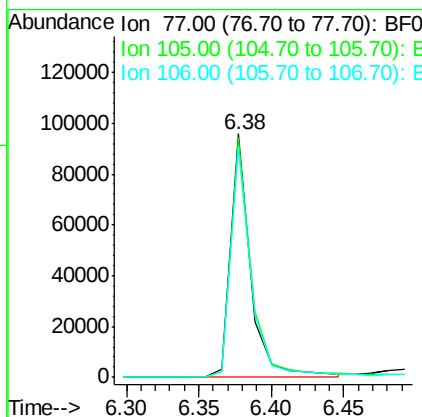
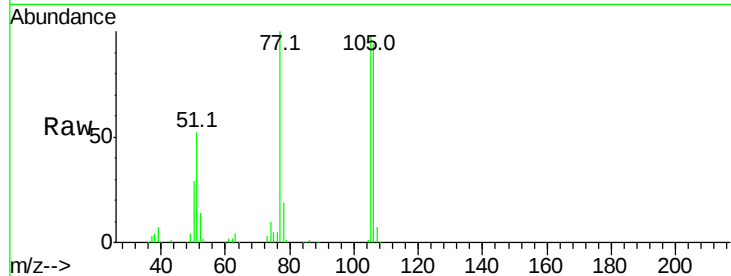
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Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.6	120.6
106	94.3	75.5	115.5



#10

Phenol

Concen: 27.18 ng

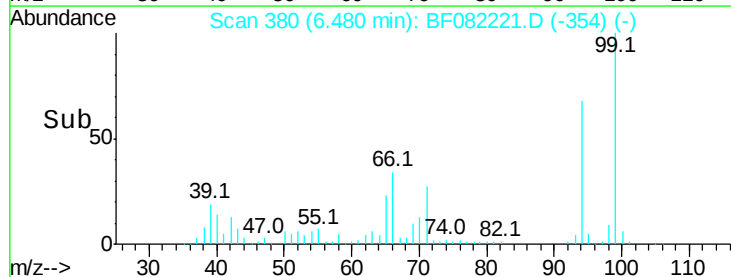
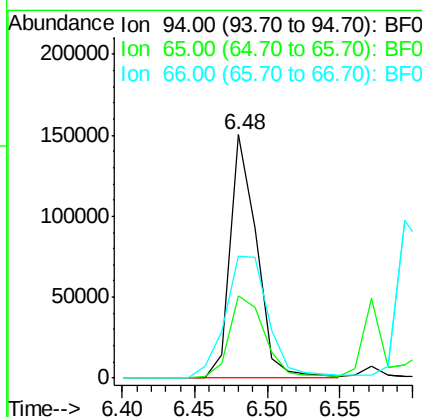
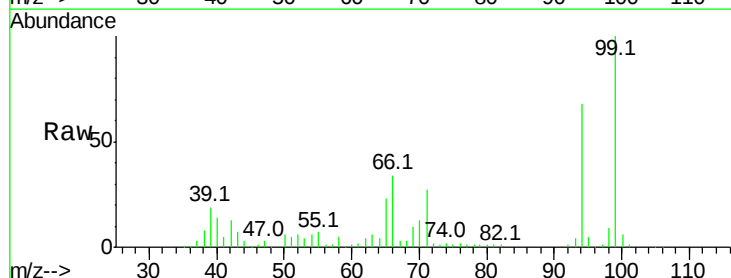
RT: 6.48 min Scan# 380

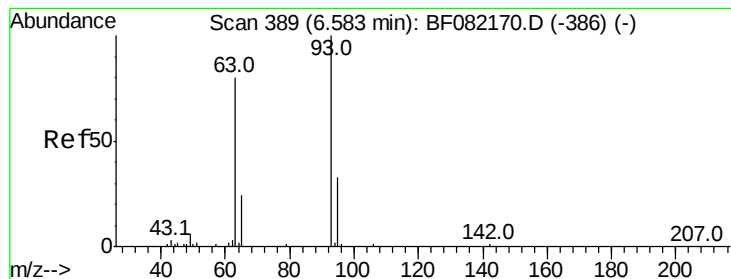
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	12.6	52.6
66	50.0	27.3	67.3





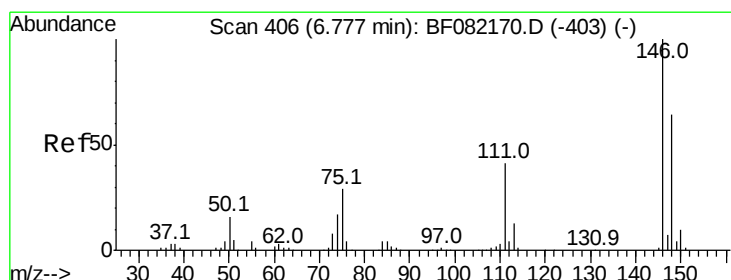
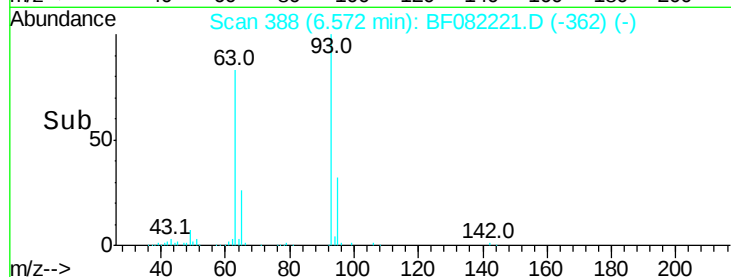
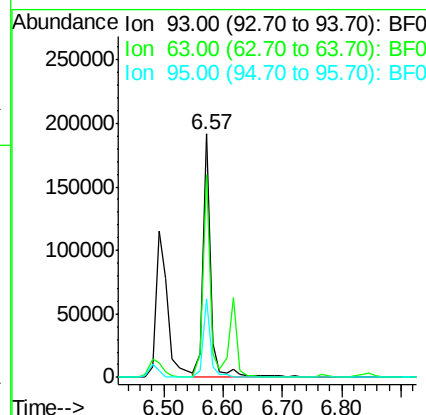
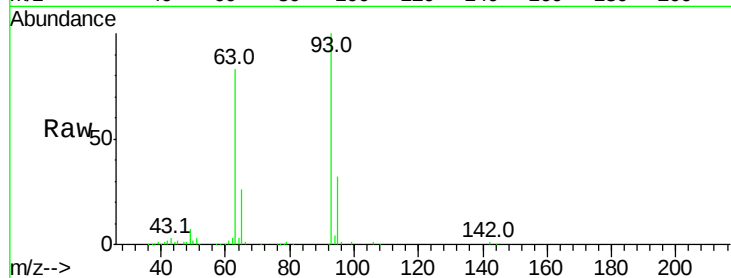
#11
bis(2-Chloroethyl)ether
Concen: 29.94 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	179194		
63	83.1	57.1	97.1	
95	32.3	11.9	51.9	

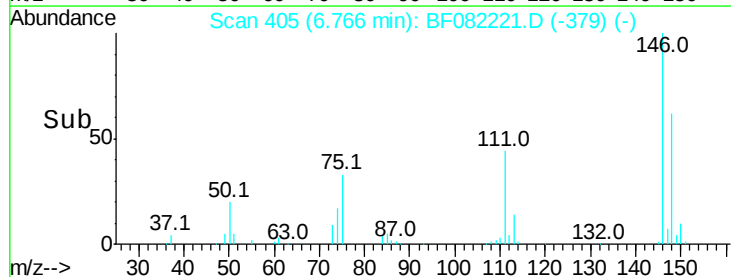
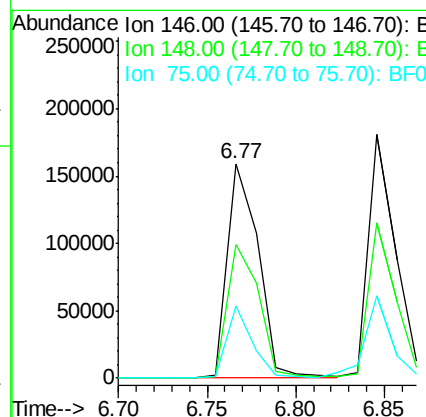
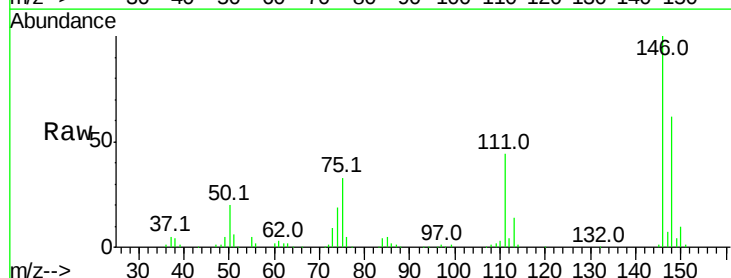
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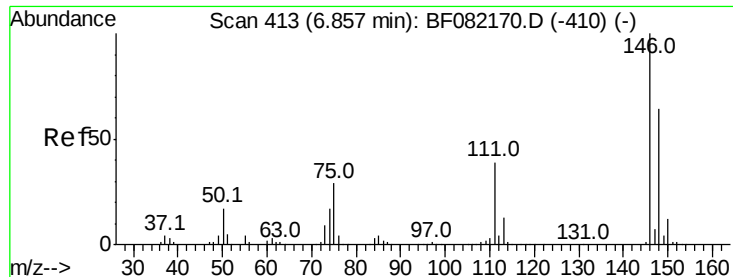
MMdadoda
10/13/2015 1:27:35 PM



#12
1,3-Dichlorobenzene
Concen: 29.08 ng m
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195003		
148	62.1	51.4	77.2	
75	33.4	23.0	34.6	





#13

1,4-Dichlorobenzene

Concen: 28.88 ng/mL

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

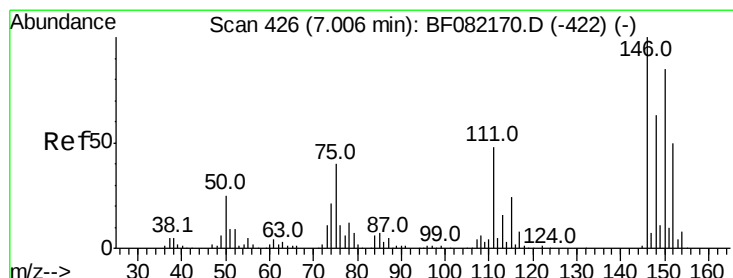
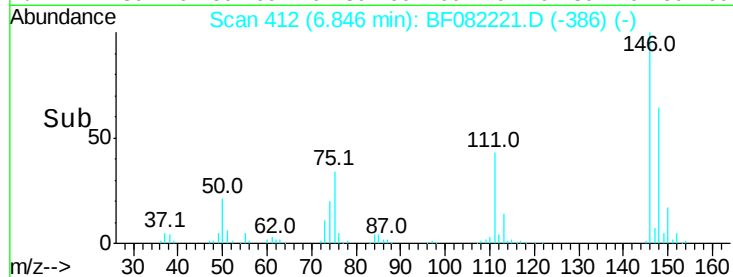
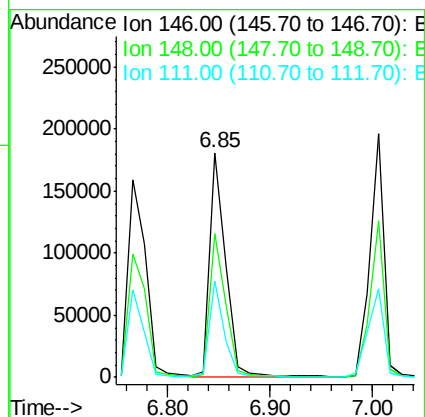
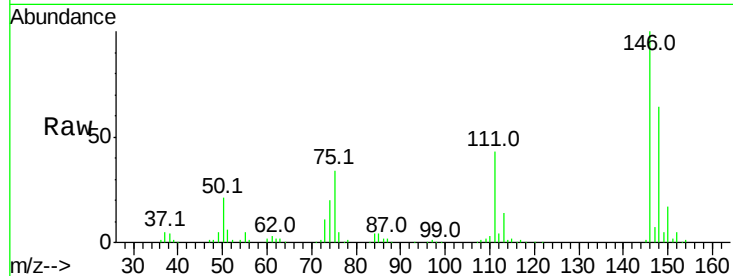
ClientSampleID :

PB86065BS

Tot Ion:	146	Resp:	202251
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
111	43.2	31.1	46.7

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MMdadoda
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#14

1,2-Dichlorobenzene

Concen: 29.29 ng/mL

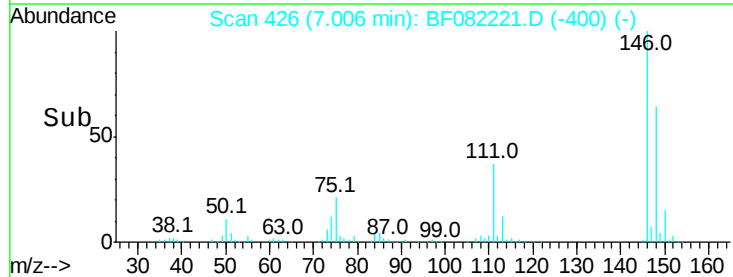
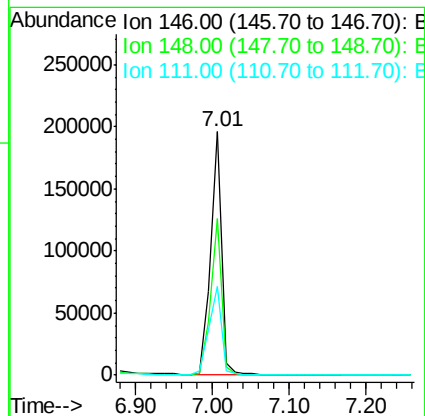
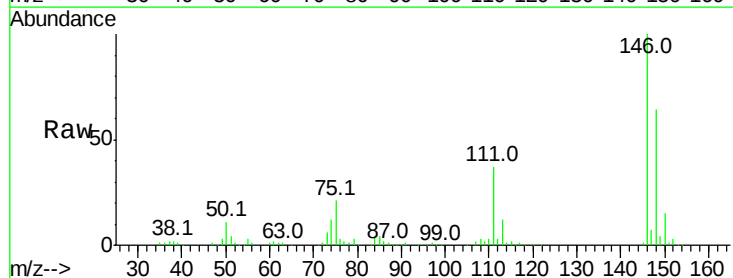
RT: 7.01 min Scan# 426

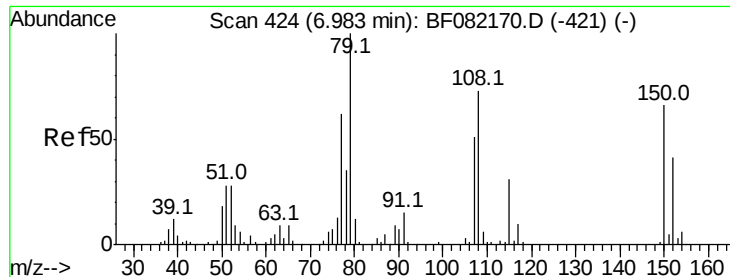
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	146	Resp:	194772
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.5	75.7
111	36.6	38.5	57.7#





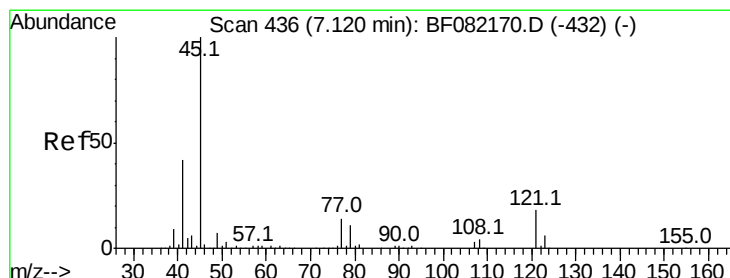
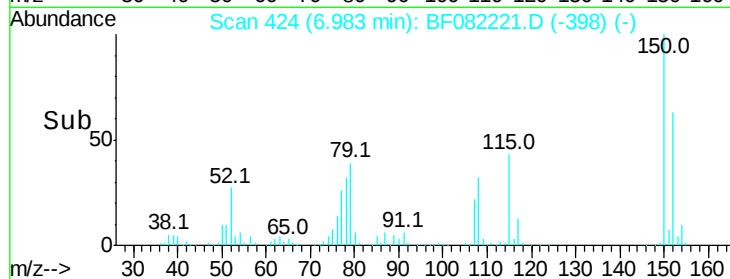
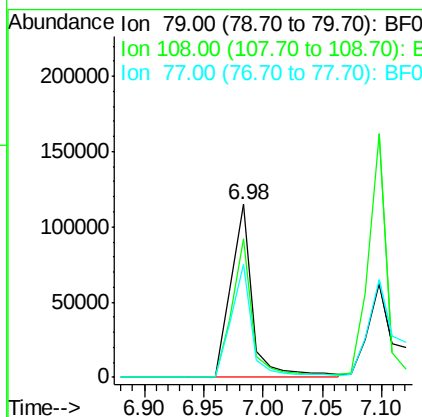
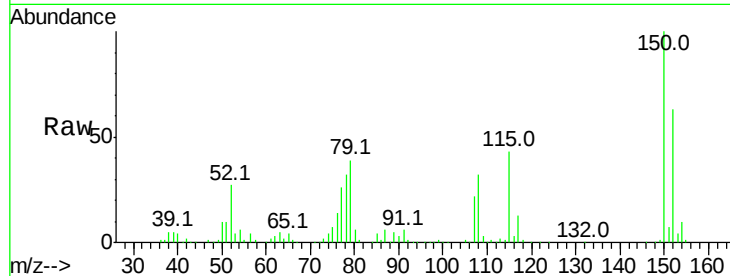
#15
Benzyl Alcohol
Concen: 34.19 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	58.4	87.6
77	65.3	49.8	74.6

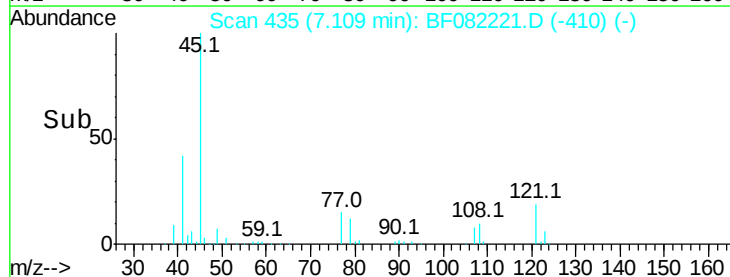
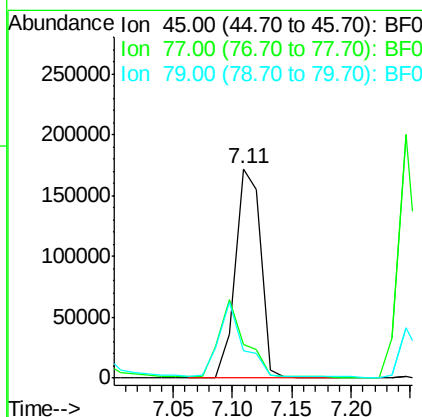
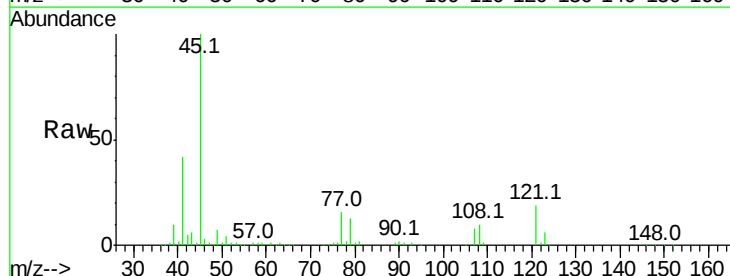
Manual Integrations
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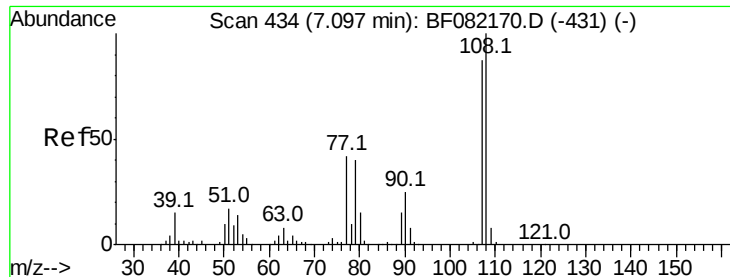
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.61 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.5
79	12.8	0.0	31.6





#17

2-Methylphenol

Concen: 32.38 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082221.D

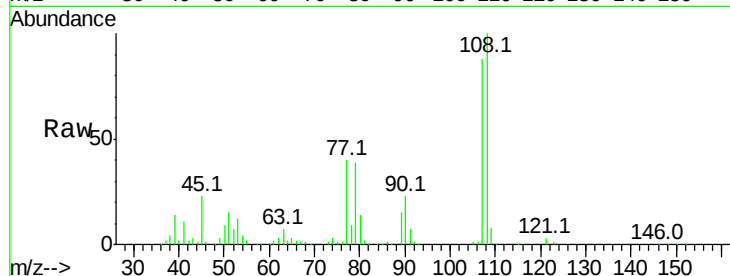
Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS



Tot Ion:107 Resp: 147431

Ion Ratio Lower Upper

107 100

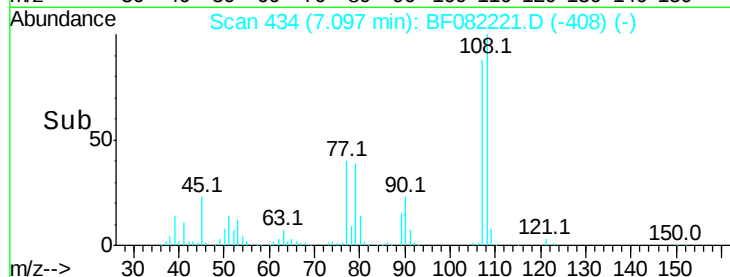
108 113.5 92.2 138.2

77 45.5 39.6 59.4

79 43.9 38.2 57.4

Manual Integrations
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MMdadoda
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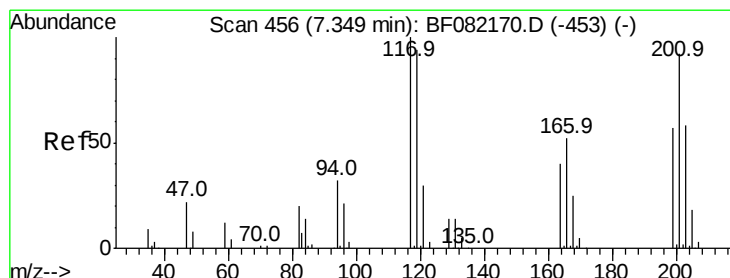
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 27.62 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

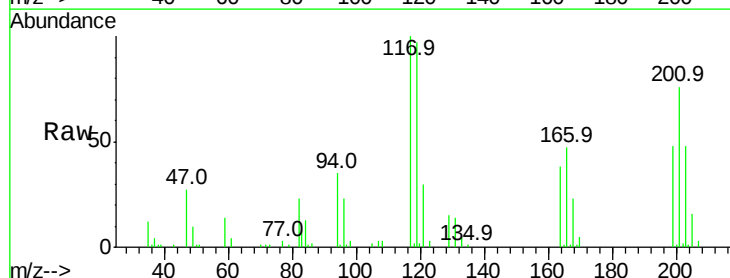
Tgt Ion:117 Resp: 66195

Ion Ratio Lower Upper

117 100

119 96.8 75.4 113.2

201 76.0 73.4 110.0

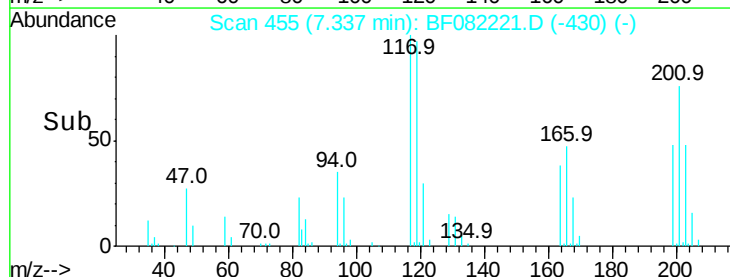


Abundance Ion 117.00 (116.70 to 117.70): E

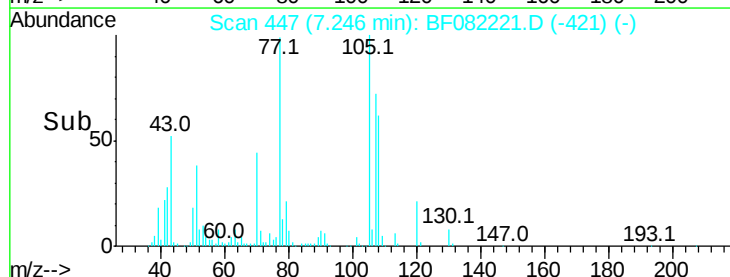
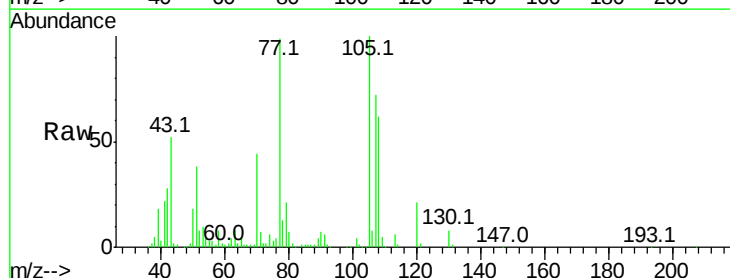
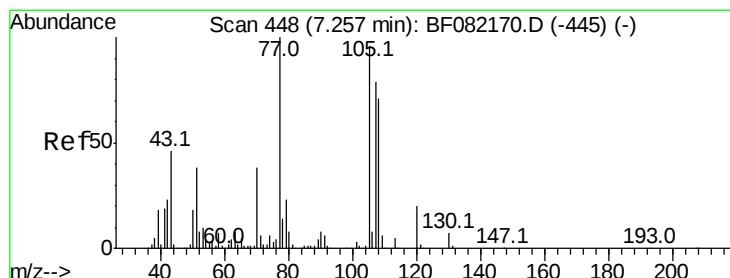
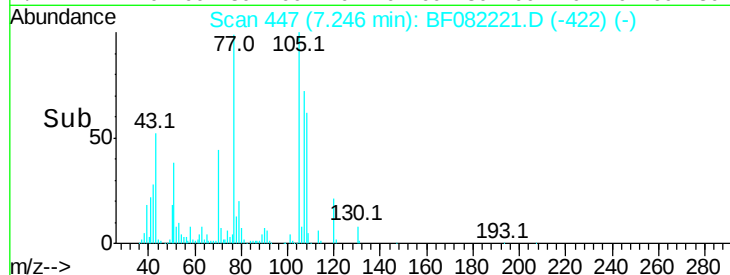
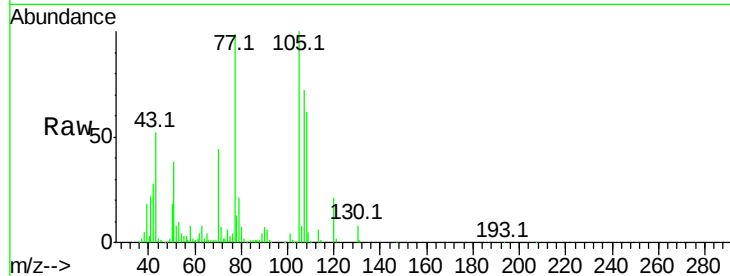
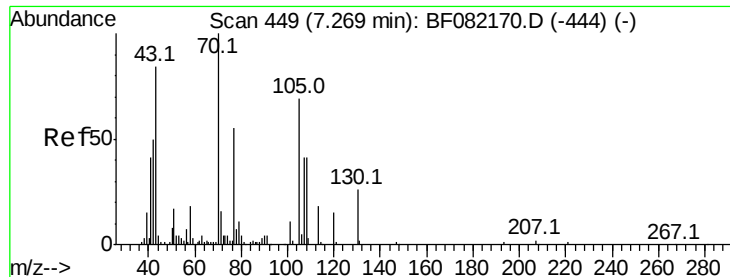
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



Time-->



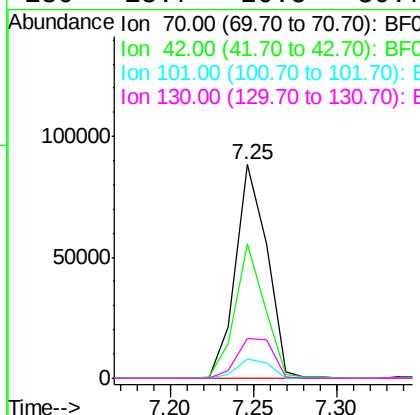
#19
n-Nitroso-di-n-propylamine
Concen: 26.86 ng/ml
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	39.8	59.8#
101	9.2	8.6	13.0
130	18.7	20.5	30.7#

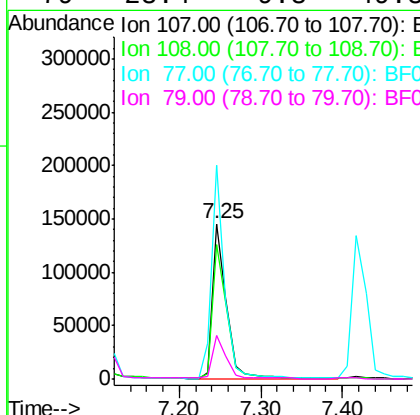
Manual Integrations
APPROVED

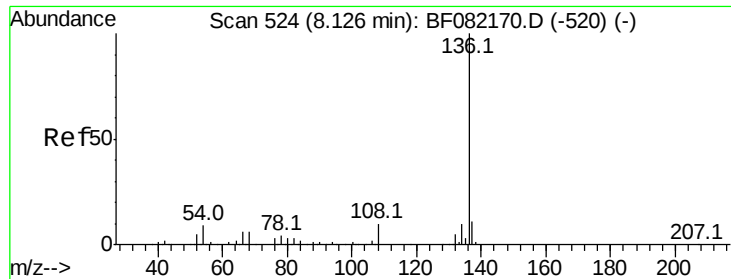
MMdadoda
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#20
3+4-Methylphenols
Concen: 31.85 ng/ml
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	69.9	109.9
77	137.5	106.0	146.0
79	28.4	9.8	49.8





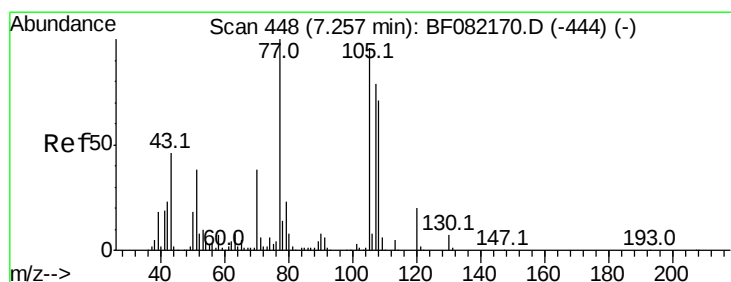
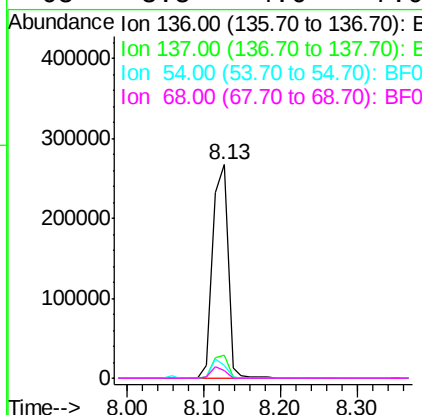
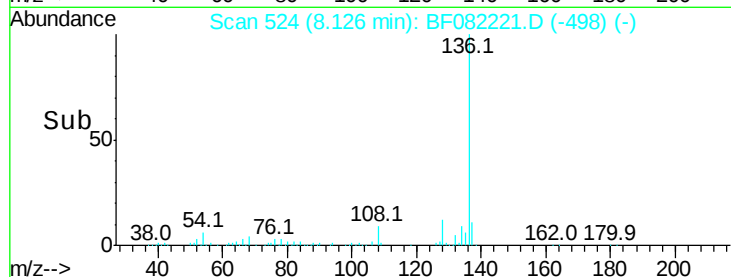
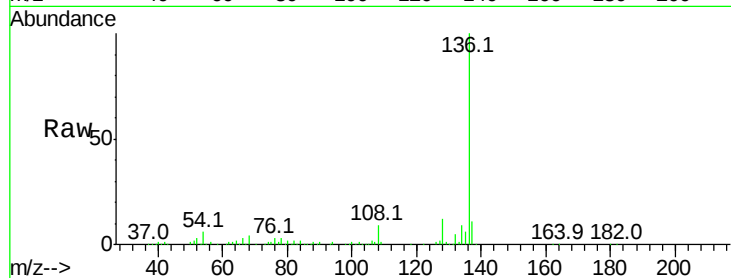
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	5.9	7.5	11.3	
68	3.8	4.6	7.0	

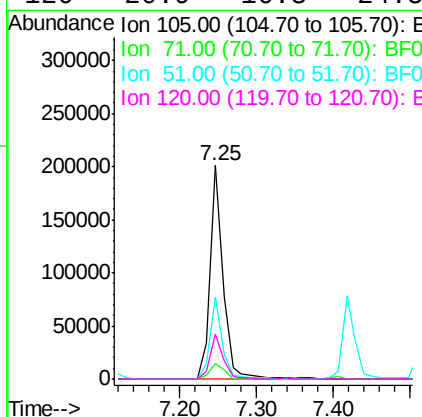
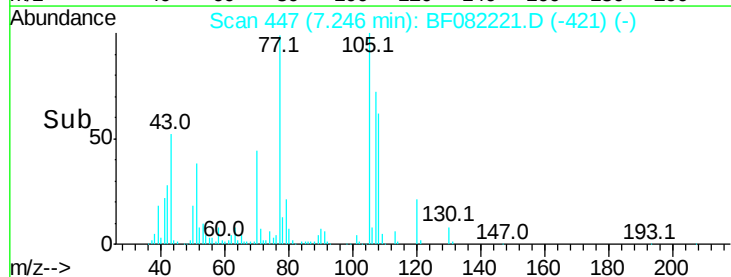
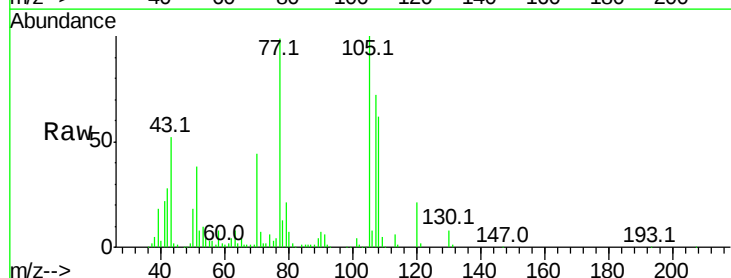
Manual Integrations
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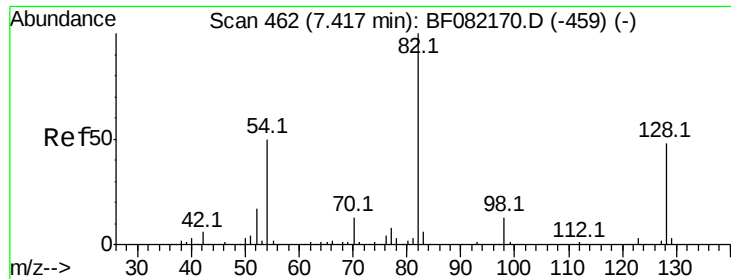
MMdadoda
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#22
Acetophenone
Concen: 32.15 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.4	8.0	
51	38.1	31.8	47.6	
120	20.9	16.3	24.5	





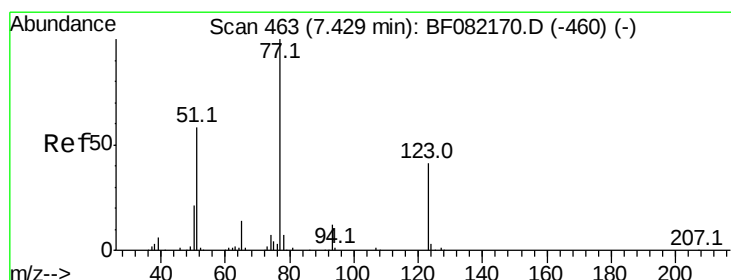
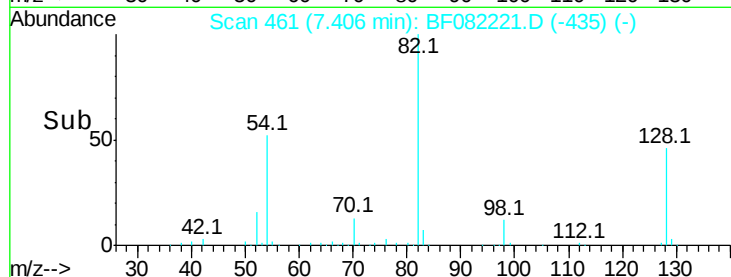
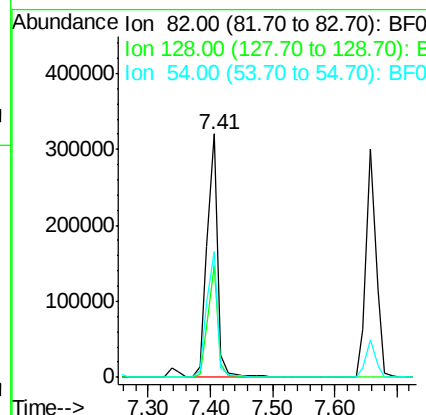
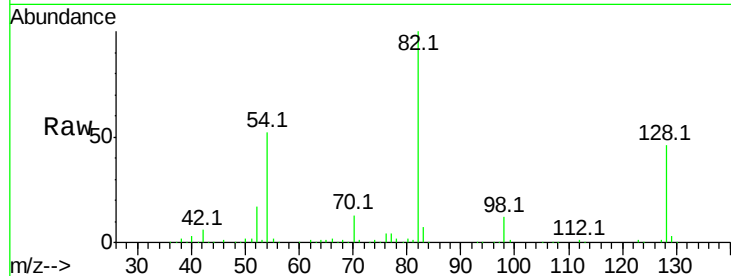
#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.7	58.1
54	51.9	40.1	60.1

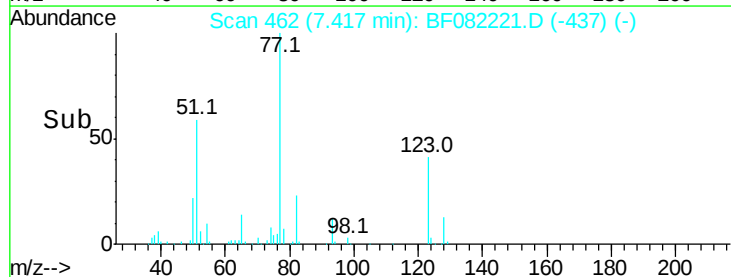
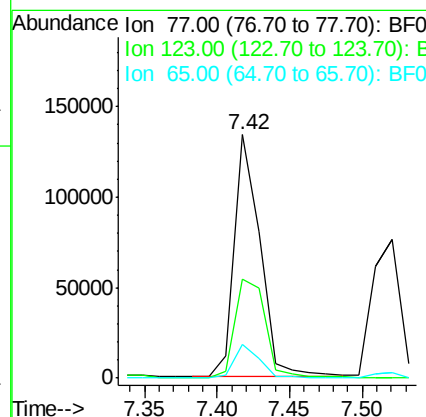
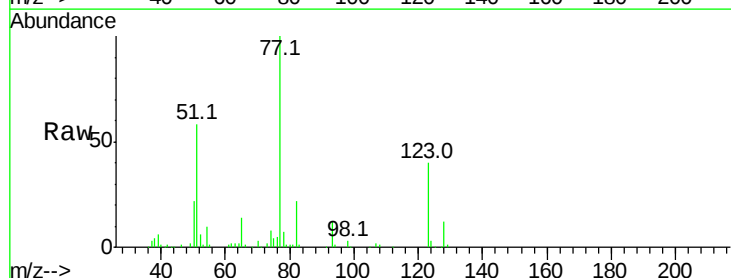
Manual Integrations
 APPROVED

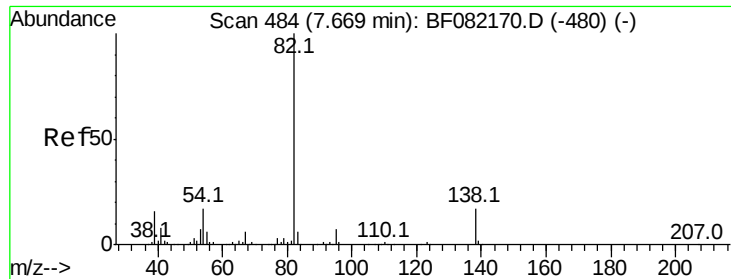
MMdadoda
 10/13/2015 1:27:35 PM



#24
 Nitrobenzene
 Concen: 27.92 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 29.96 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

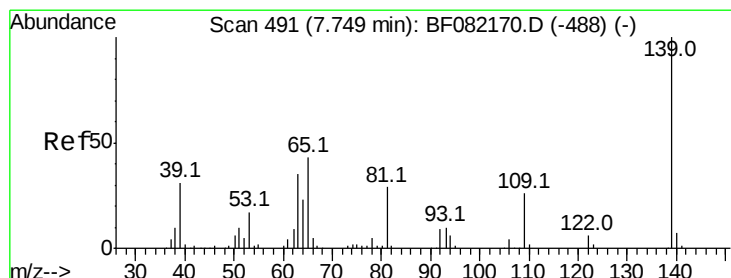
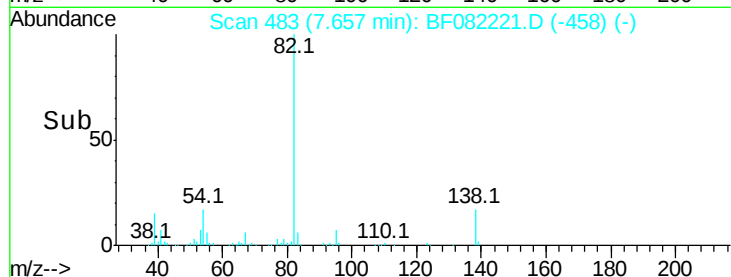
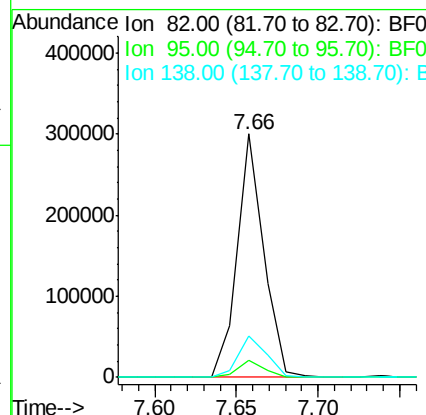
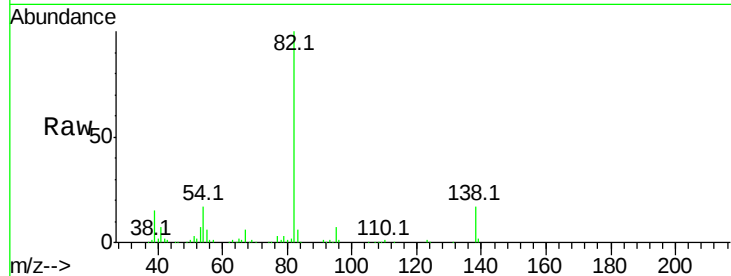
ClientSampleId :

PB86065BS

Tot Ion:	82	Resp:	332227
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.1	13.6	20.4

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 33.41 ng

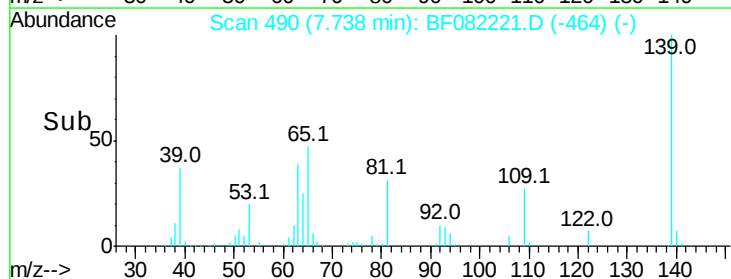
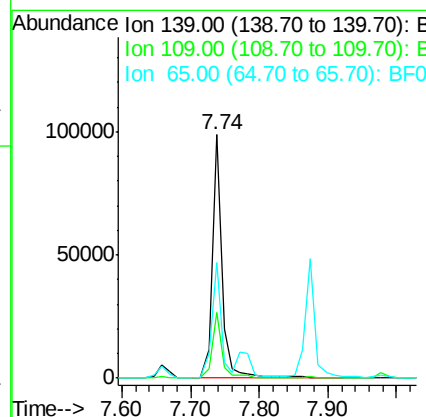
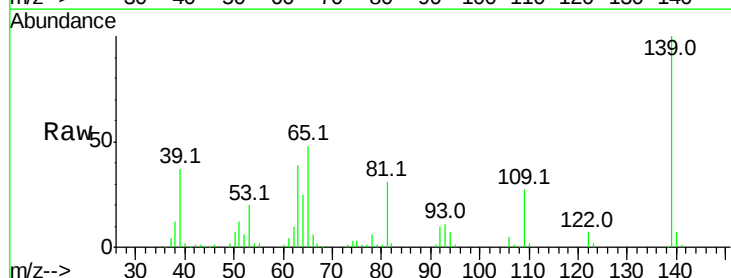
RT: 7.74 min Scan# 490

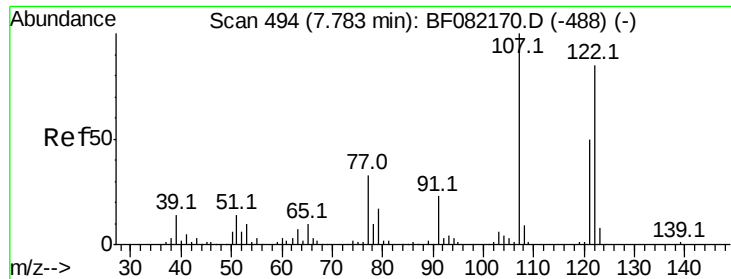
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	139	Resp:	99203
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.6	31.0
65	47.7	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 33.36 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

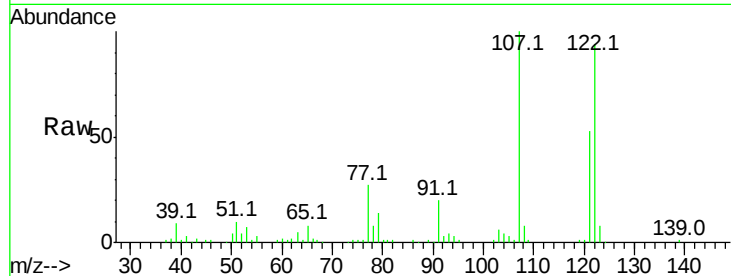
ClientSampleId :

PB86065BS

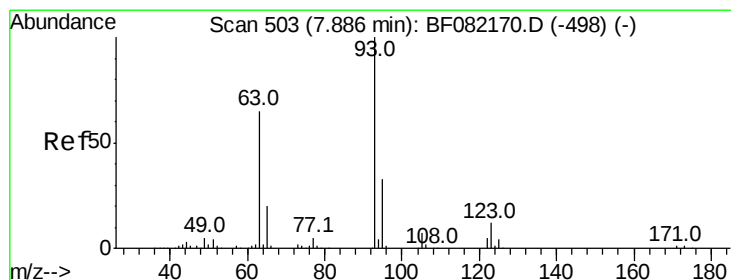
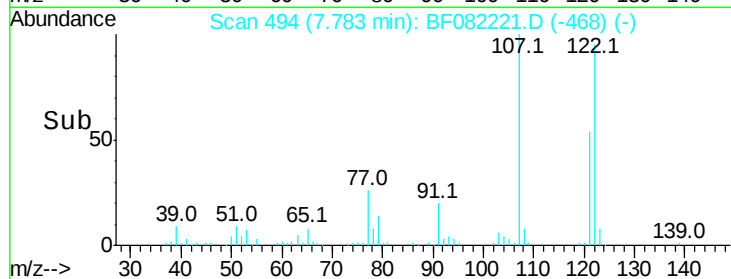
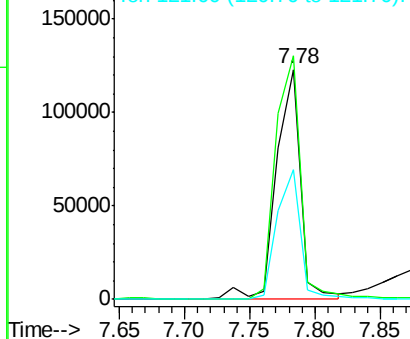
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Tot Ion	Ratio	Resp	Lower	Upper
122	100	159605		
107	105.8	94.0	141.0	
121	56.5	46.8	70.2	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.82 ng

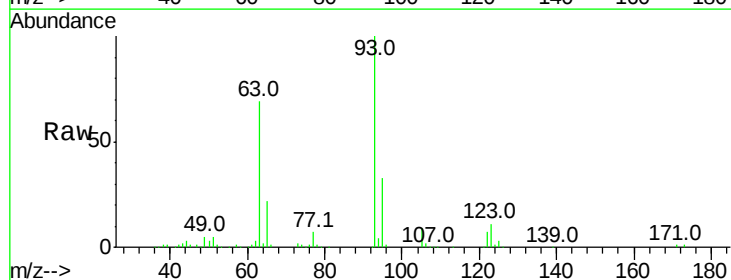
RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

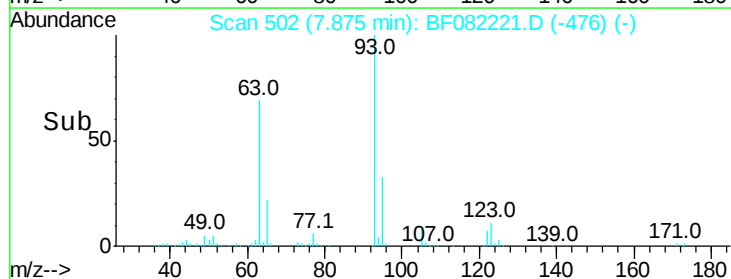
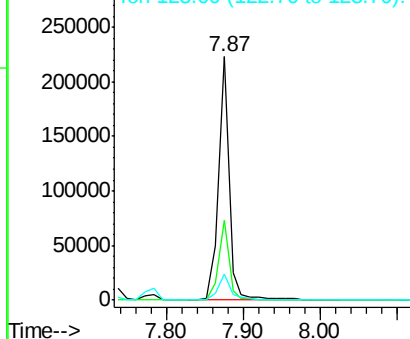
Lab File: BF082221.D

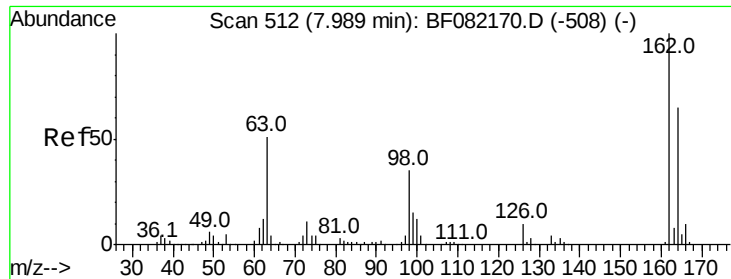
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218193		
95	32.5	26.6	39.8	
123	10.9	9.5	14.3	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





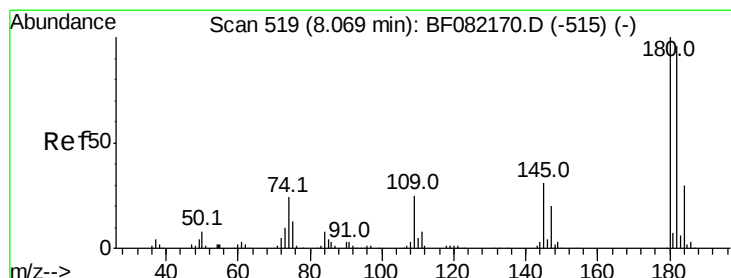
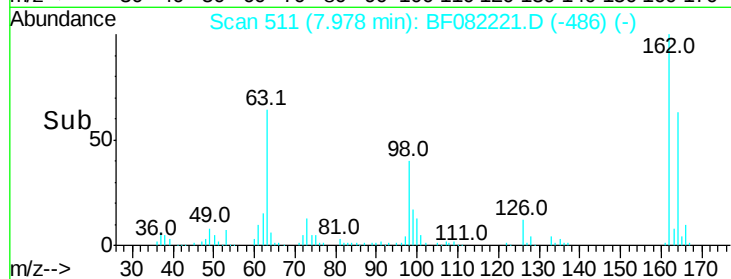
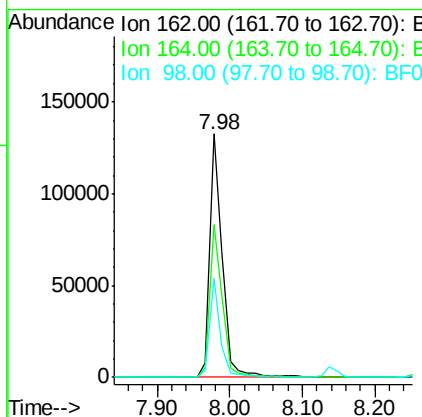
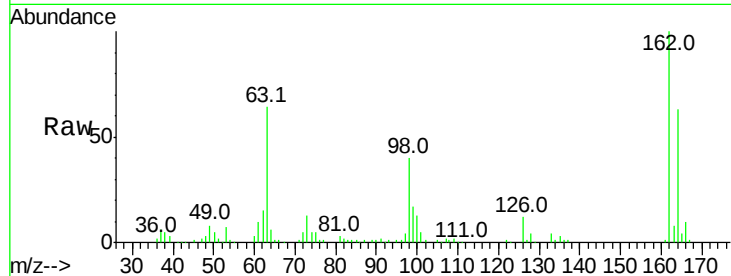
#29
2,4-Dichlorophenol
Concen: 33.16 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	44.6	84.6
98	40.5	15.0	55.0

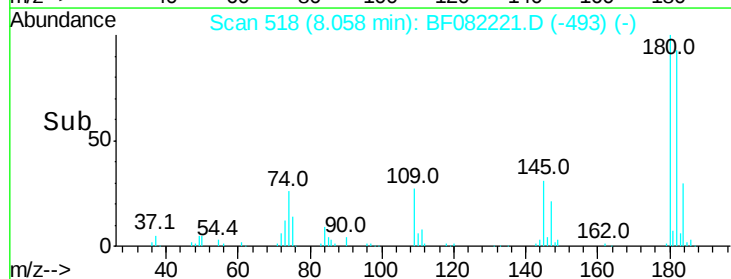
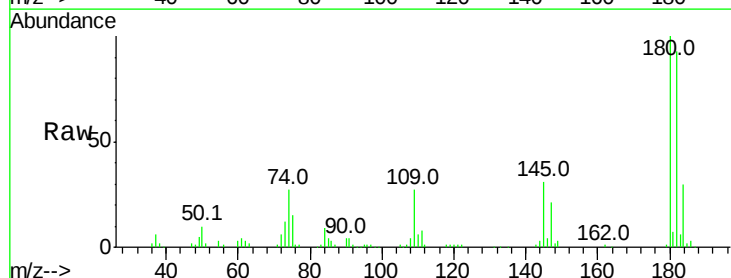
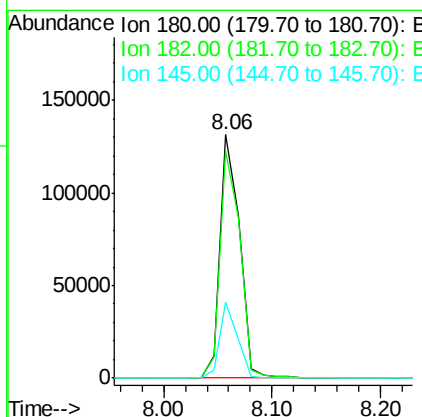
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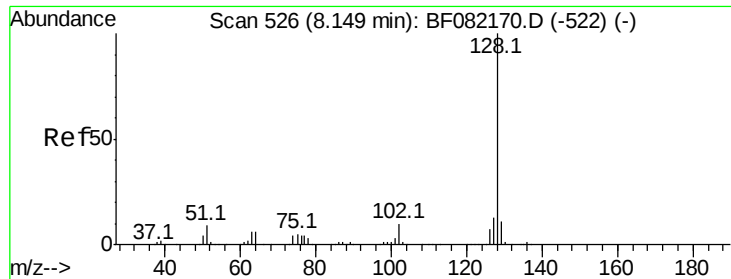
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#30
1,2,4-Trichlorobenzene
Concen: 29.94 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	77.0	115.4
145	31.4	25.0	37.4





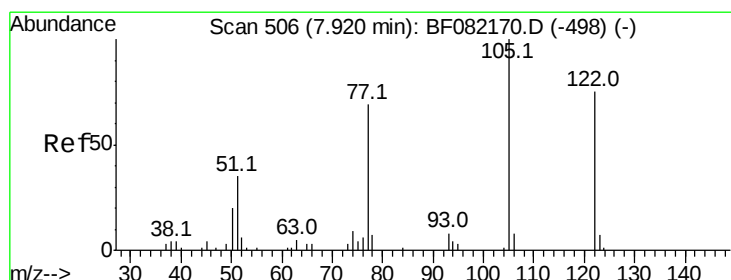
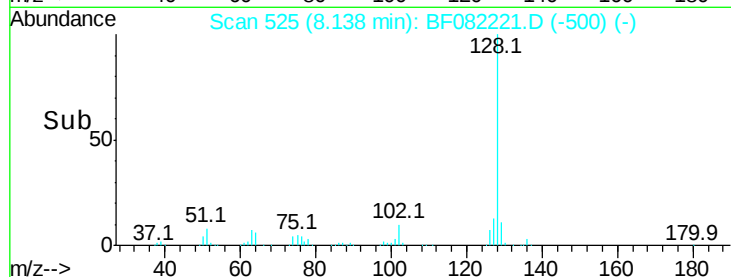
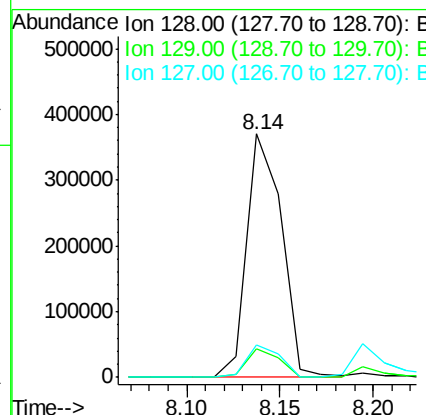
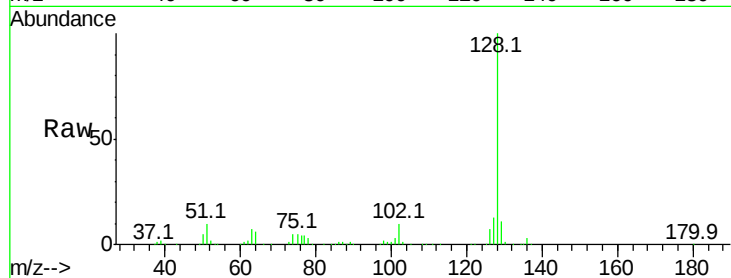
#31
Naphthalene
Concen: 30.13 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.1	13.7	
127	13.1	10.7	16.1	

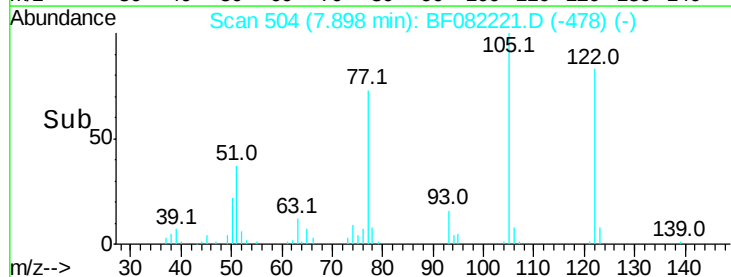
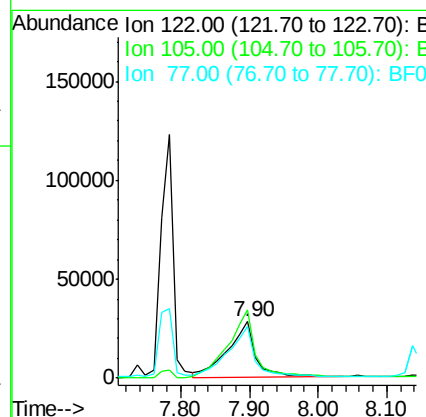
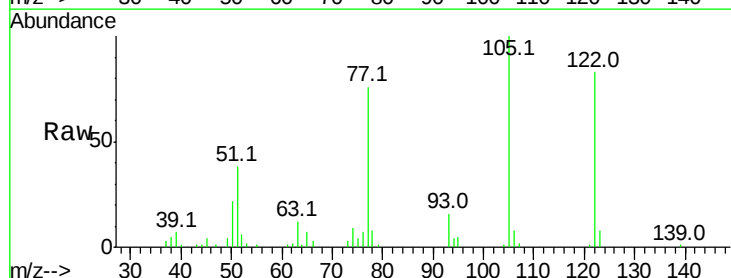
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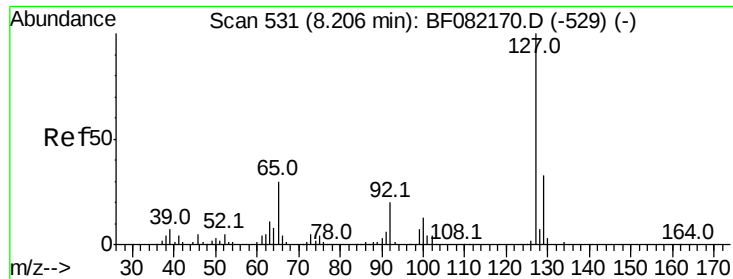
MMdadoda
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#32
Benzoic acid
Concen: 25.18 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.3	104.4	144.4	
77	92.0	69.0	109.0	





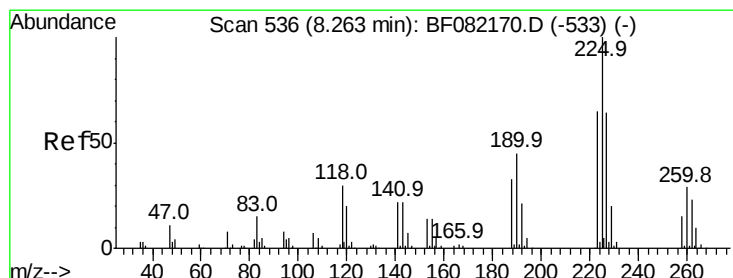
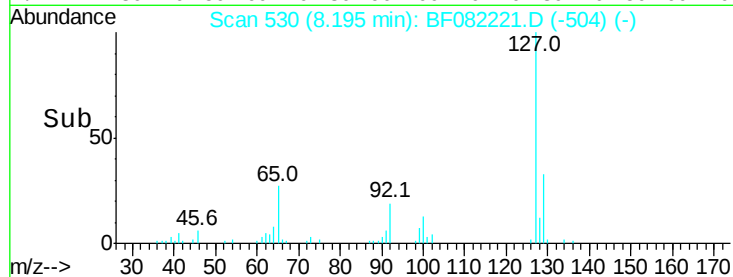
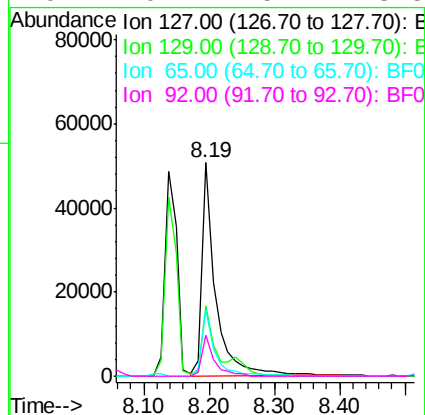
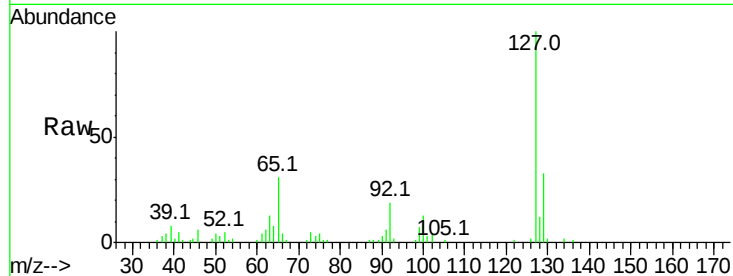
#33
4-Chloroaniline
Concen: 10.96 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	72767		
129	32.9		26.3	39.5
65	31.3		24.4	36.6
92	19.1		15.7	23.5

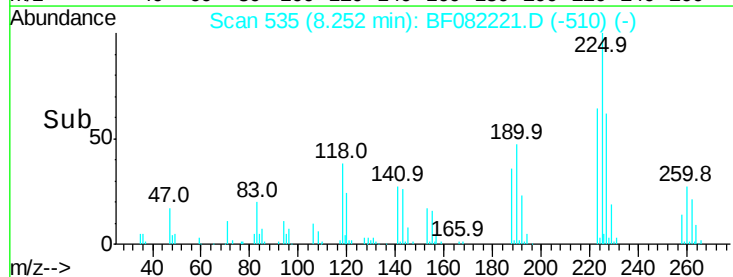
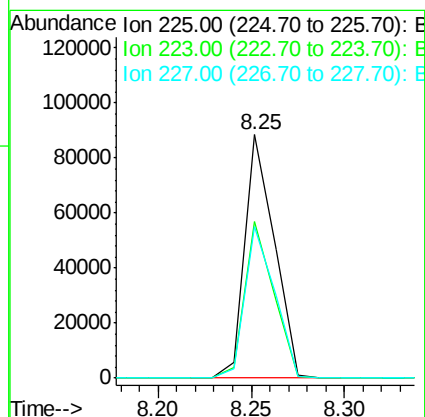
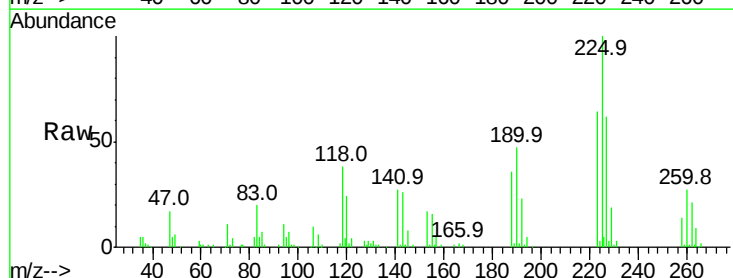
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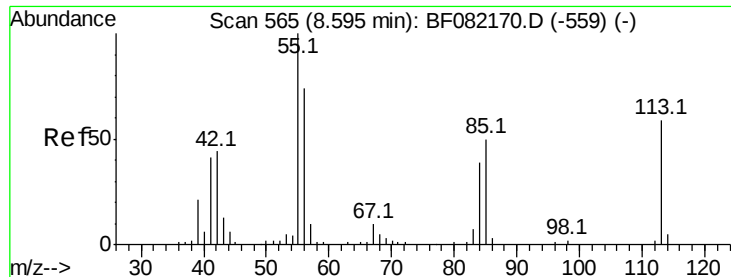
MMdadoda
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#34
Hexachlorobutadiene
Concen: 28.36 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97421		
223	64.1		52.2	78.2
227	62.3		51.3	76.9





#35

Caprolactam

Concen: 34.58 ng/ml

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

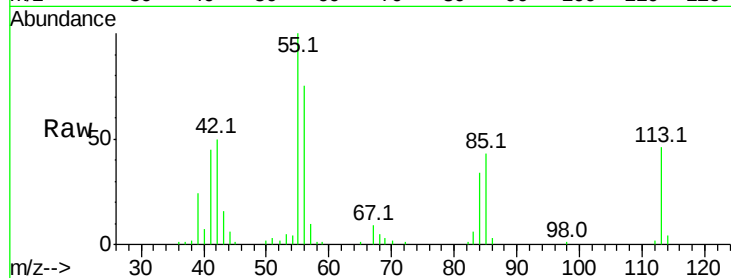
ClientSampleID :

PB86065BS

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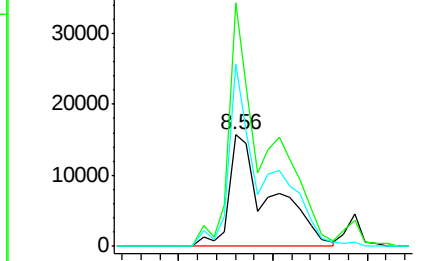
Tot Ion:	113	Resp:	47989
Ion	Ratio	Lower	Upper
113	100		
55	218.1	149.7	189.7#
56	163.1	105.4	145.4#



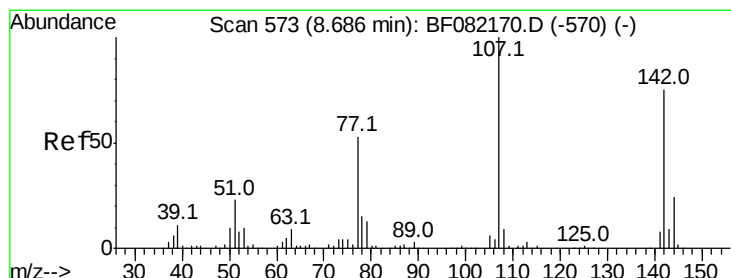
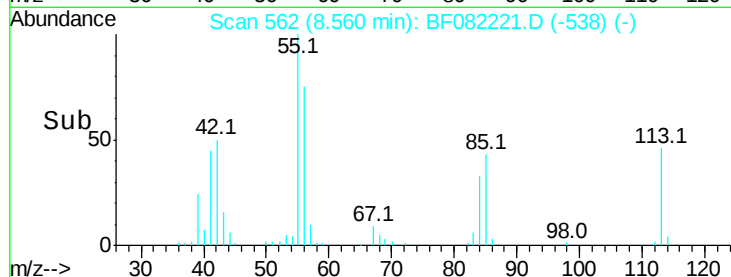
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 36.20 ng/ml

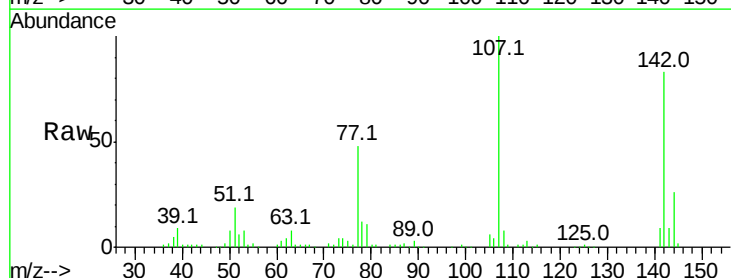
RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

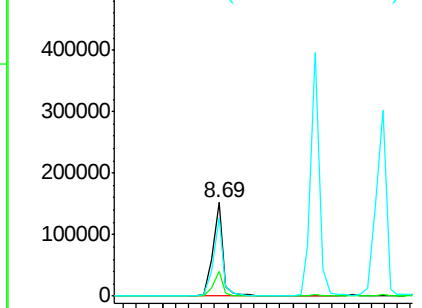
Tgt Ion:	107	Resp:	169305
Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	83.2	59.9	89.9



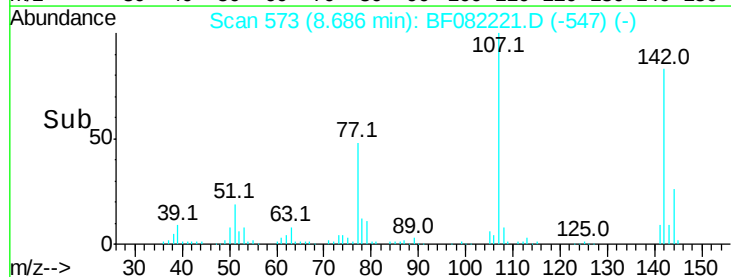
Abundance Ion 107.00 (106.70 to 107.70): E

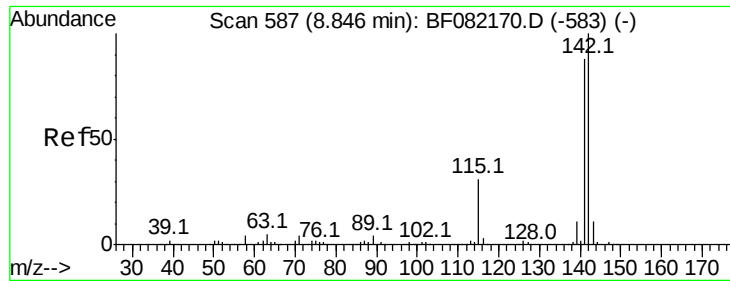
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





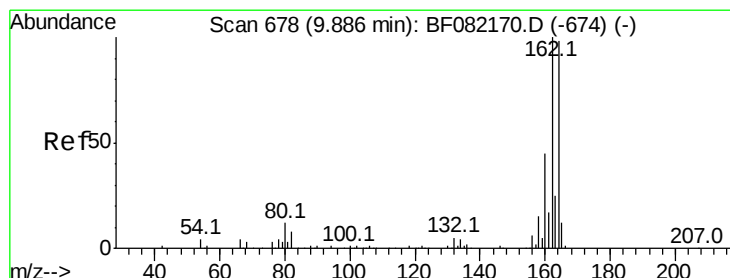
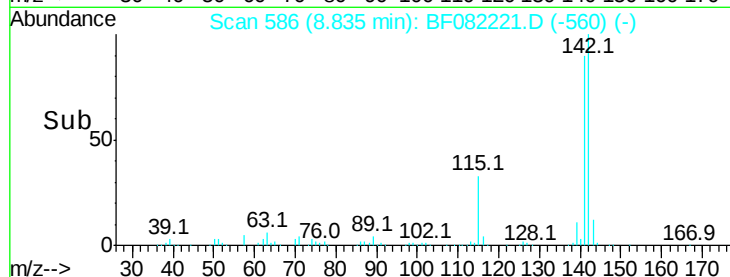
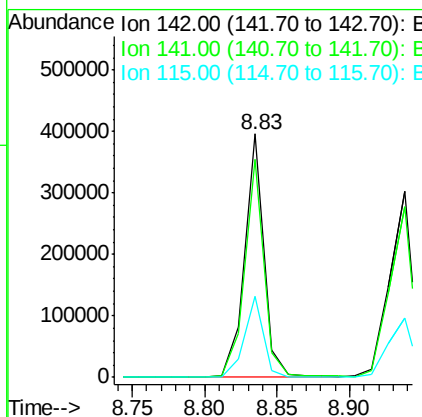
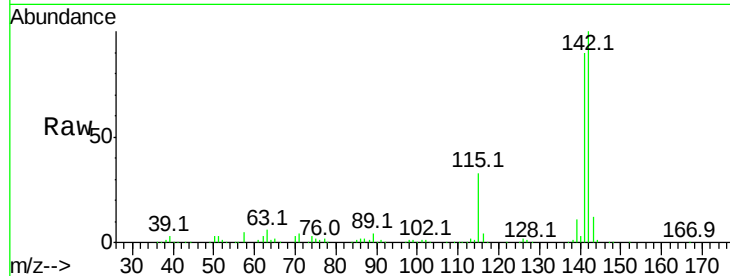
#37
2-Methylnaphthalene
Concen: 33.12 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	367210		
141	89.5	70.4	105.6	
115	33.4	24.6	37.0	

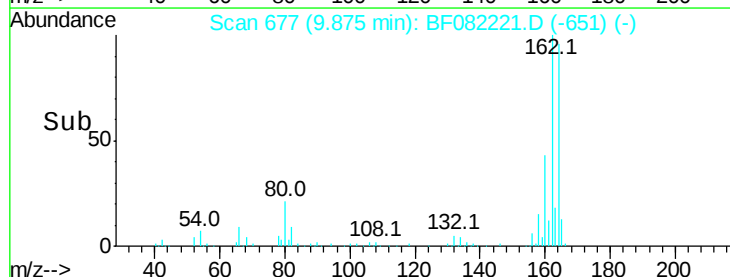
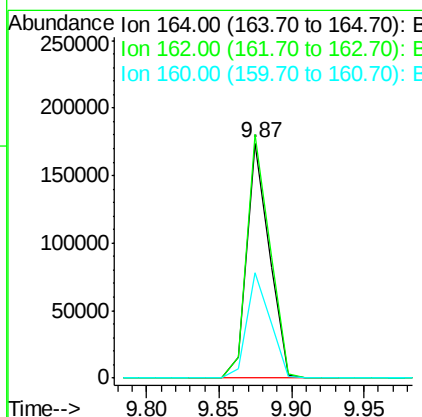
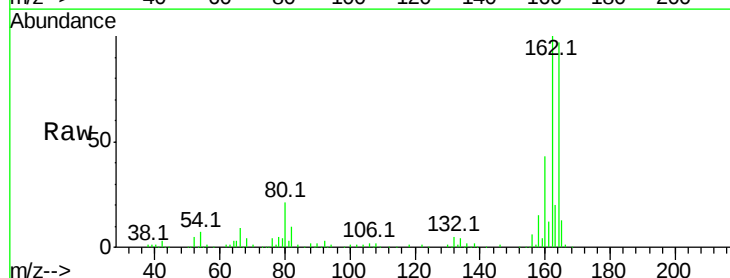
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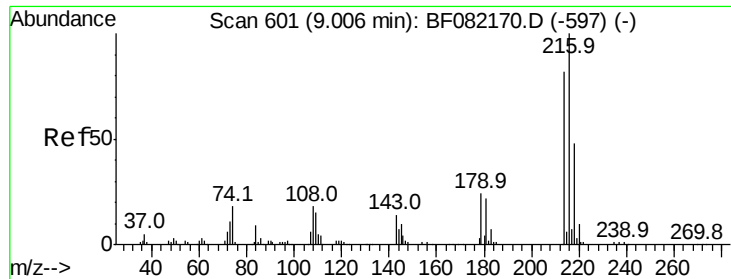
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	188712		
162	103.6	81.6	122.4	
160	44.9	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.20 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

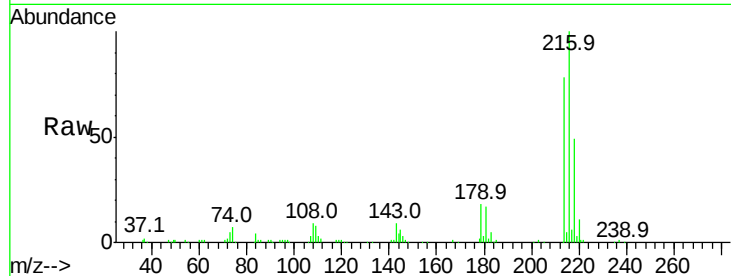
ClientSampleId :

PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	169533		
214	79.0	64.6	97.0	
179	20.0	17.6	26.4	
108	17.4	14.5	21.7	

Manual Integrations
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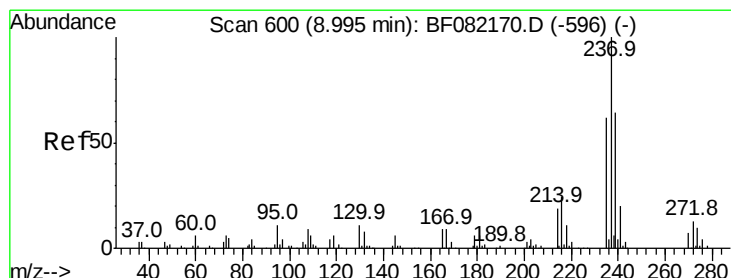
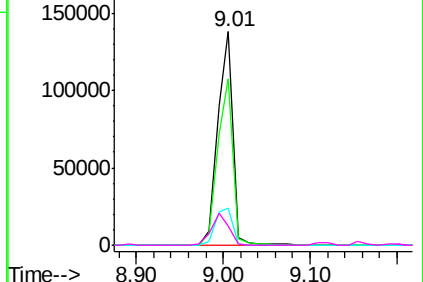
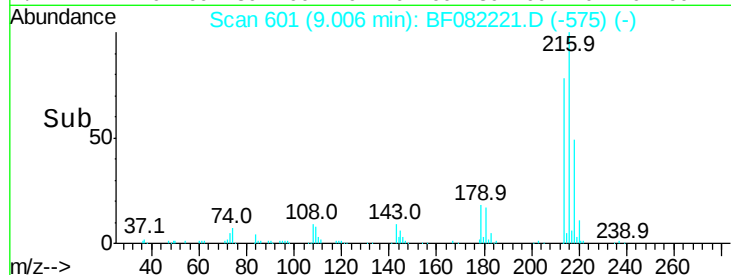


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 54.37 ng

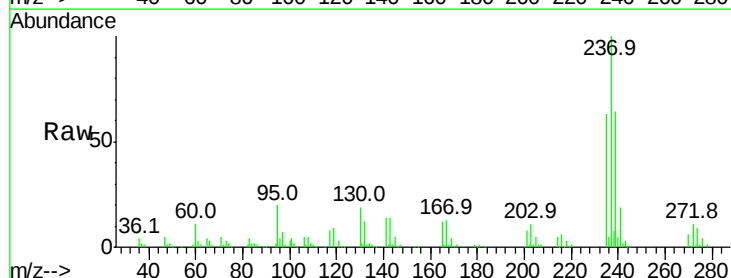
RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

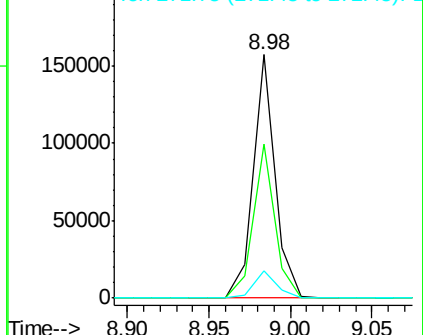
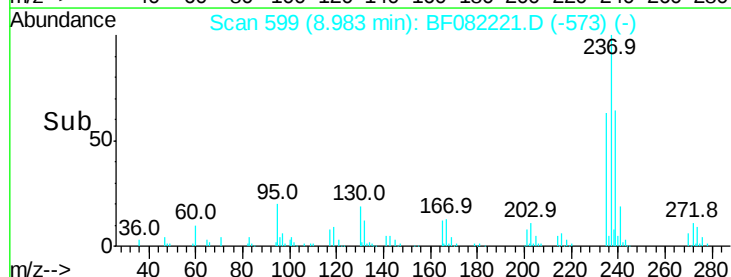
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	145987		
235	63.3	41.7	81.7	
272	11.3	0.0	32.8	

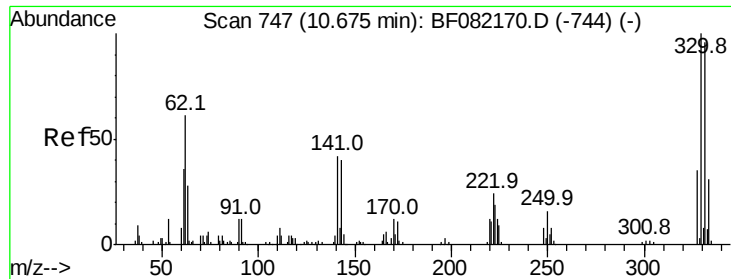


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





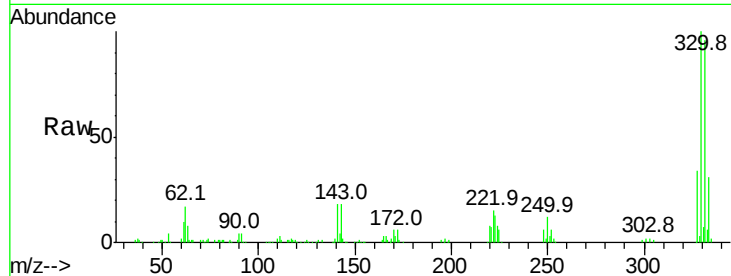
#41
 2,4,6-Tribromophenol
 Concen: 110.94 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

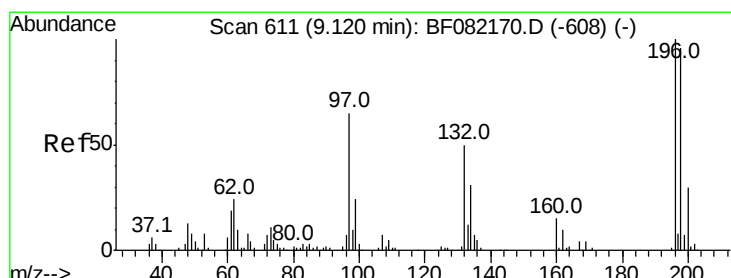
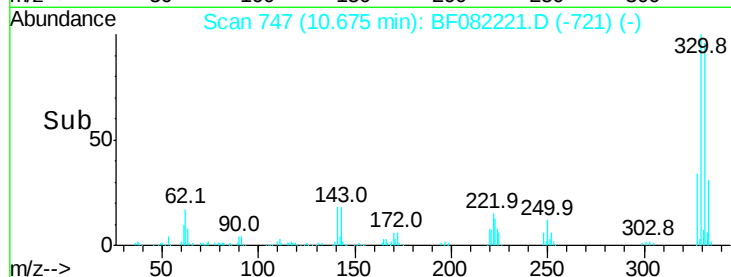
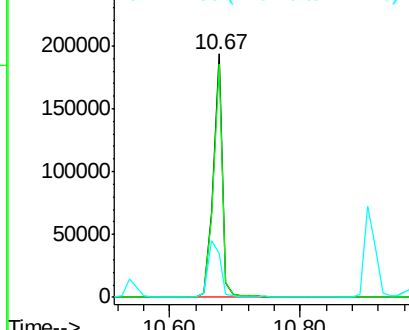
Tot Ion	Ratio	Resp	Lower	Upper
330	100	196345		
332	95.8	77.1	115.7	
141	30.9	29.8	44.8	

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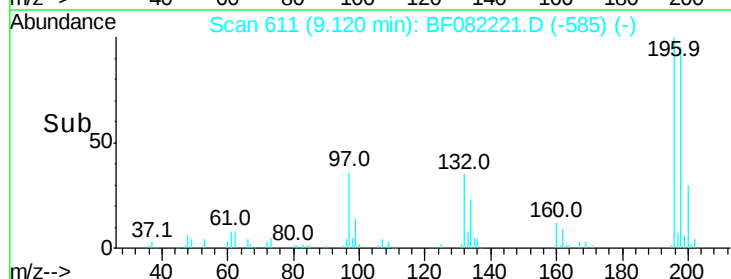
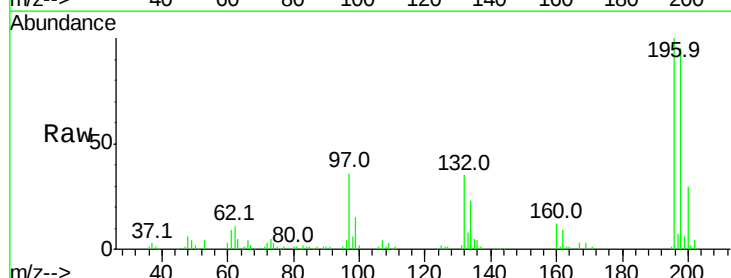
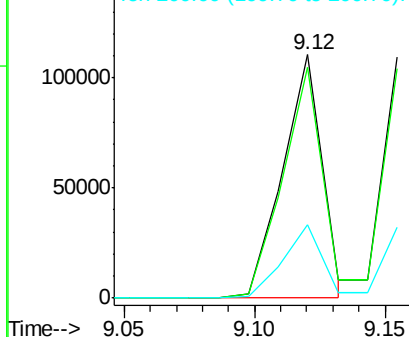
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

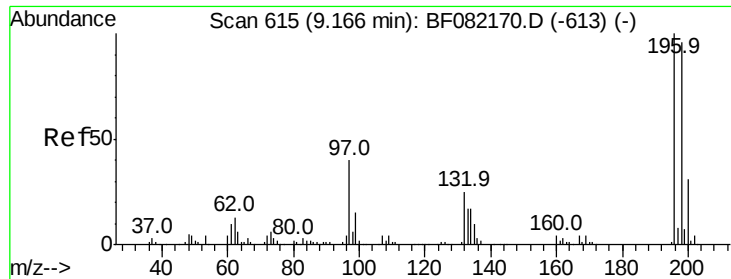


#42
 2,4,6-Trichlorophenol
 Concen: 31.20 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116301		
198	95.1	76.6	115.0	
200	30.2	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





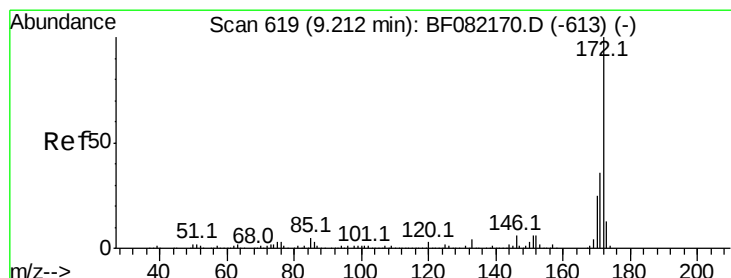
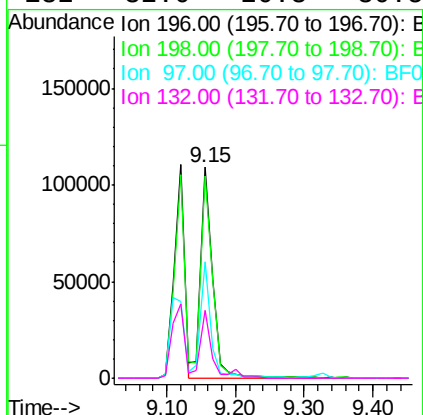
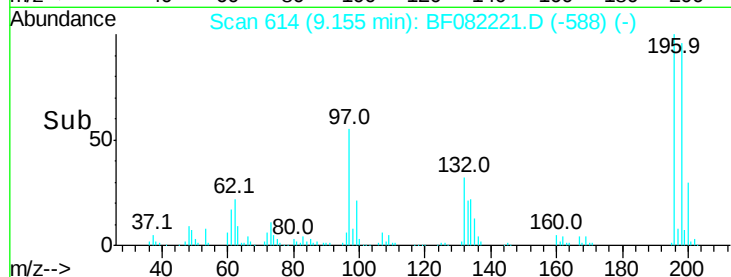
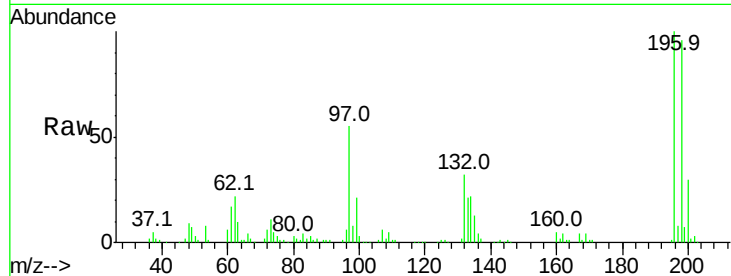
#43
 2,4,5-Trichlorophenol
 Concen: 31.74 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128191		
198	95.6	77.0	115.4	
97	55.1	31.9	47.9#	
132	32.0	20.3	30.5#	

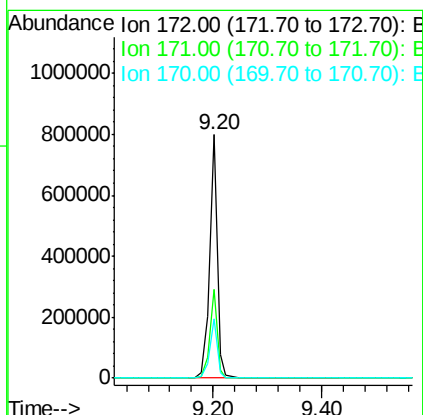
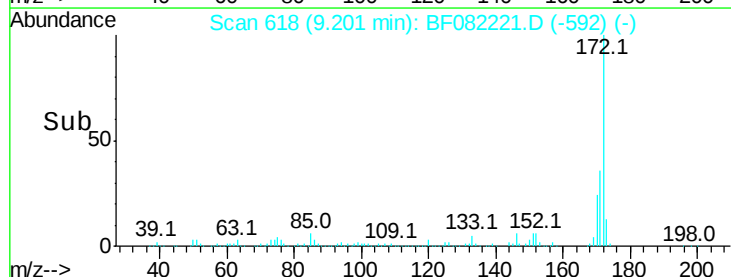
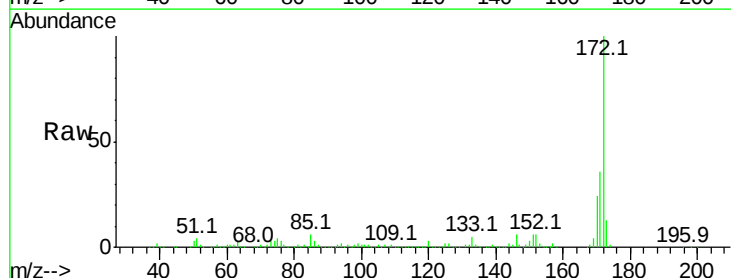
Manual Integrations
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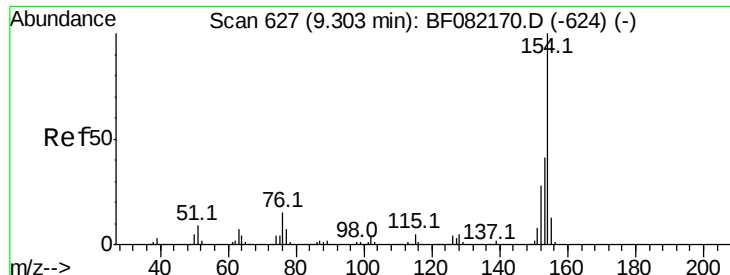
MMdadoda
 10/13/2015 1:27:35 PM



#44
 2-Fluorobiphenyl
 Concen: 67.74 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	770891		
171	36.3	28.6	42.8	
170	24.3	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 32.04 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

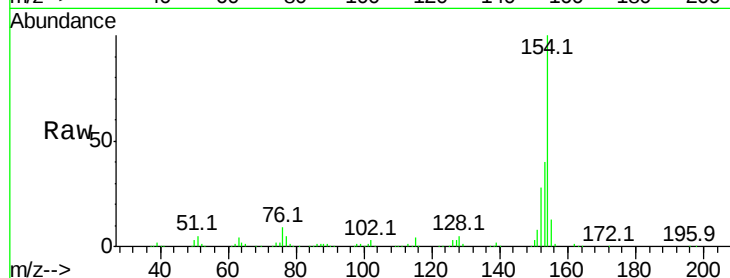
ClientSampleId :

PB86065BS

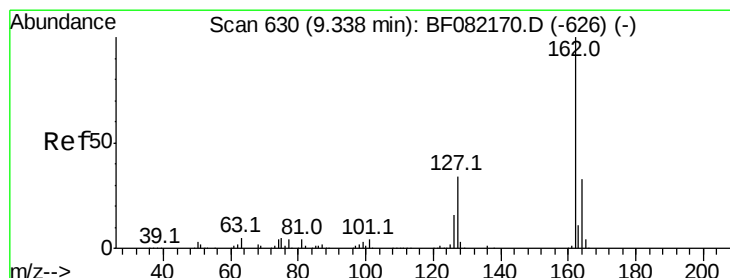
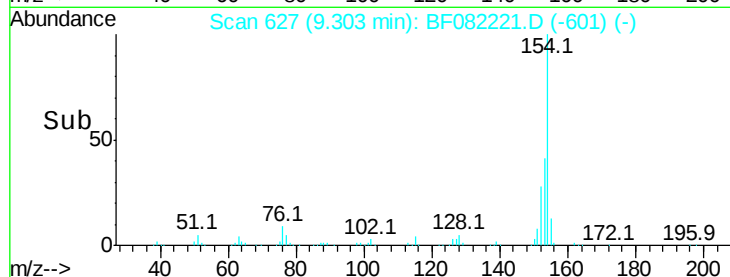
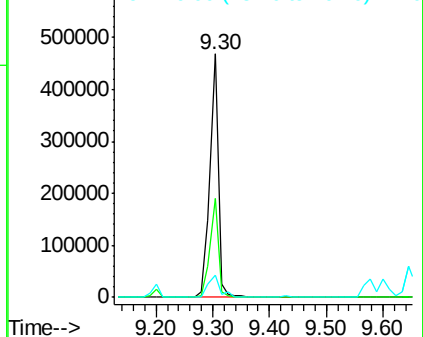
Tot Ion:	154	Resp:	461078
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.6	60.6
76	9.3	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 31.24 ng

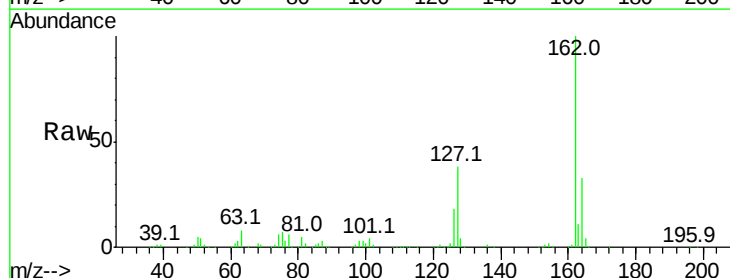
RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

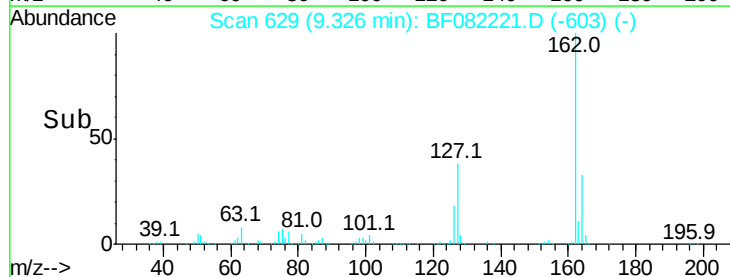
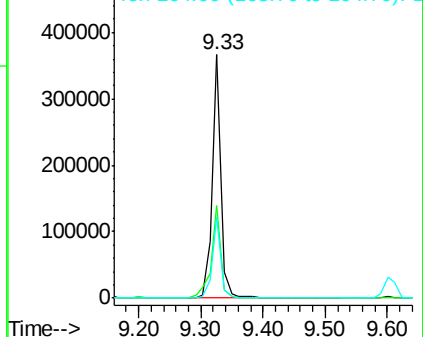
Lab File: BF082221.D

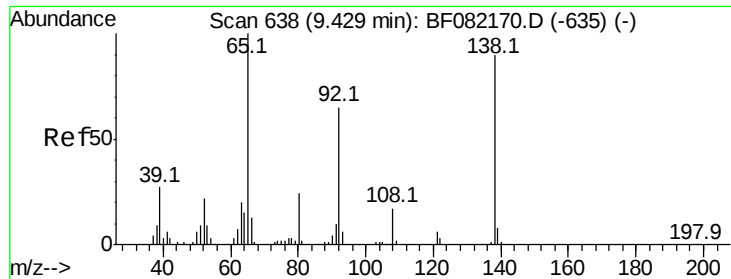
Acq: 12 Oct 2015 15:31

Tgt Ion:	162	Resp:	353933
Ion Ratio	Lower	Upper	
162	100		
127	38.0	27.5	41.3
164	33.2	26.6	39.8



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





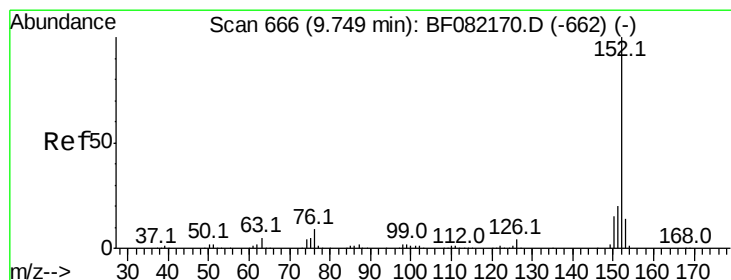
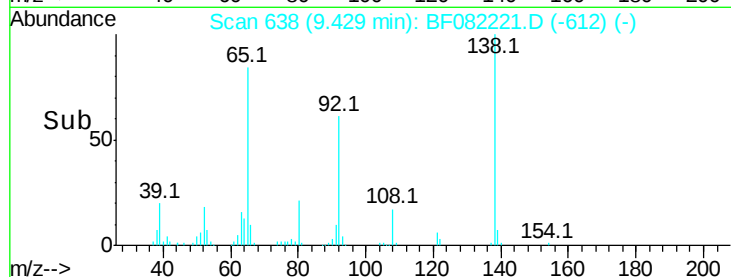
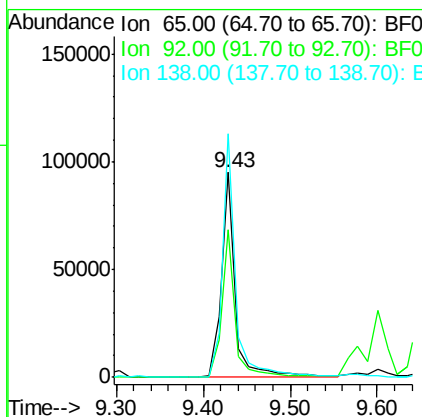
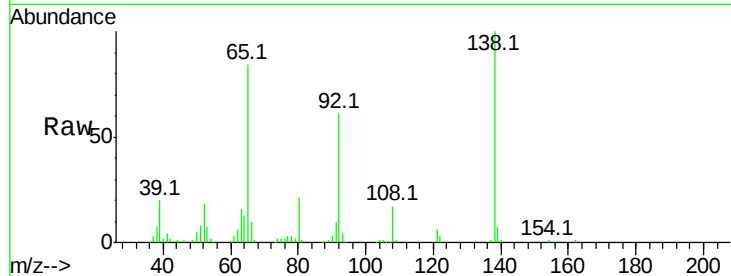
#47
2-Nitroaniline
Concen: 34.47 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	52.3	78.5
138	119.0	72.2	108.4

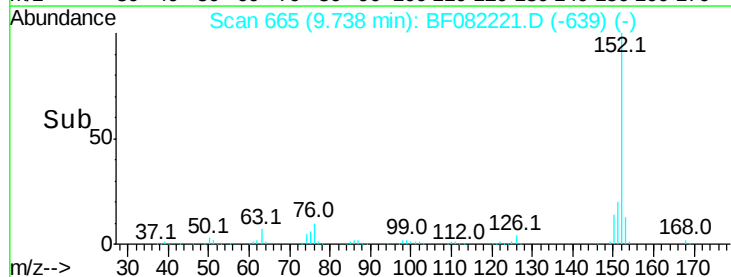
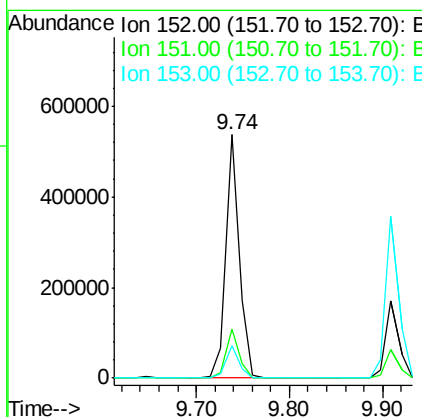
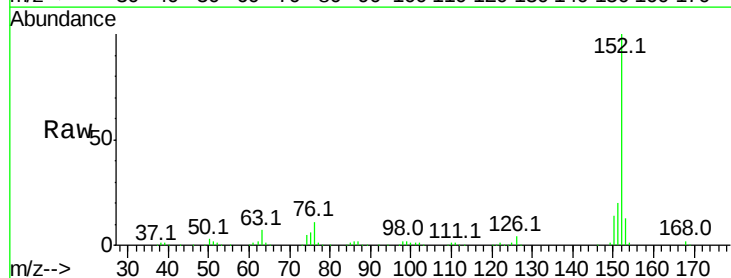
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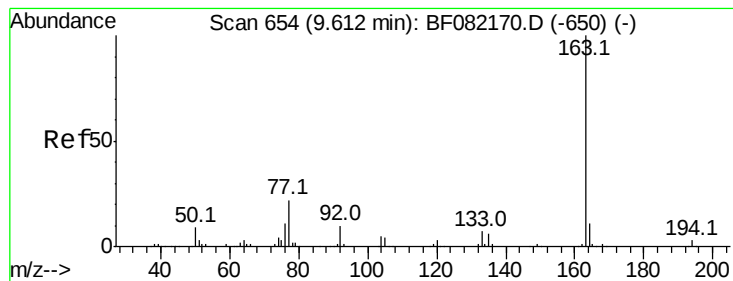
MMdadoda
10/13/2015 1:27:35 PM



#48
Acenaphthylene
Concen: 30.76 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	13.5	10.8	16.2





#49

Dimethylphthalate

Concen: 31.30 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

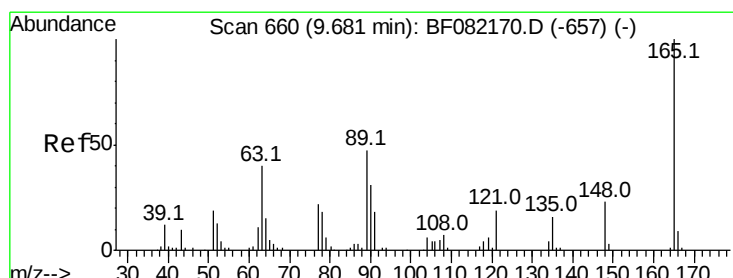
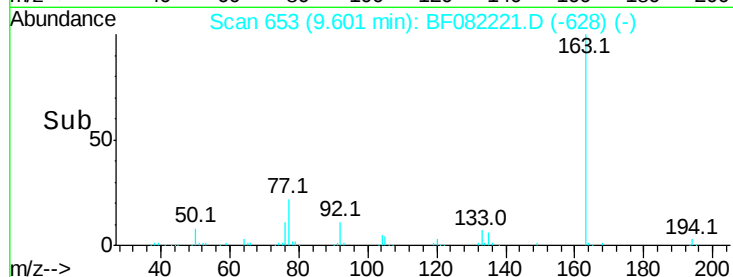
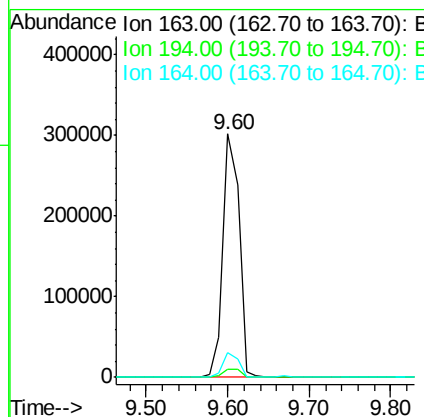
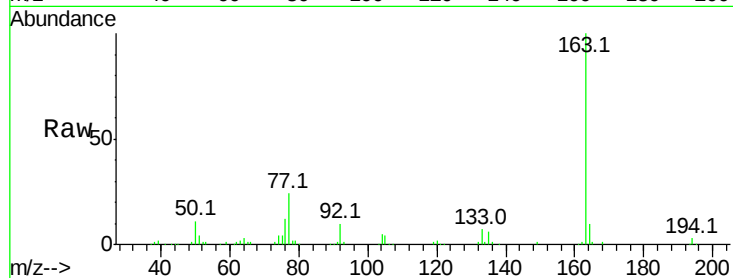
ClientSampleId :

PB86065BS

Tot Ion:	163	Resp:	415961
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.4	8.5	12.7

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#50

2,6-Dinitrotoluene

Concen: 31.92 ng

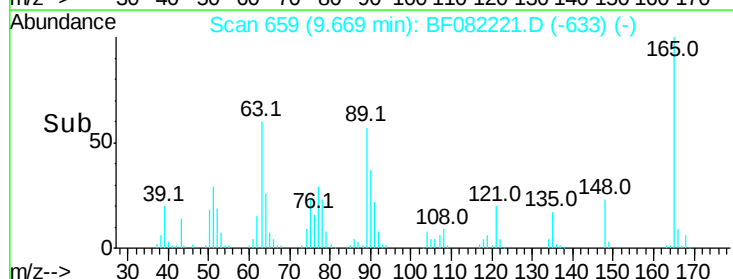
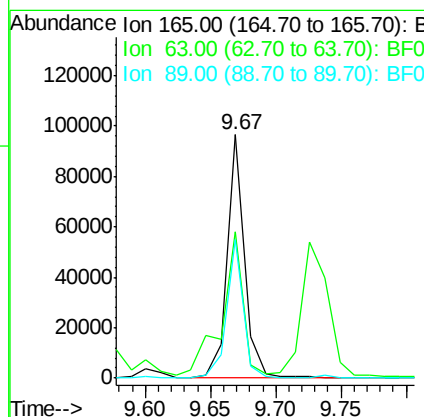
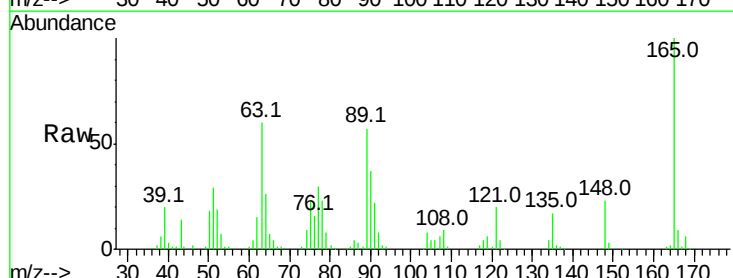
RT: 9.67 min Scan# 659

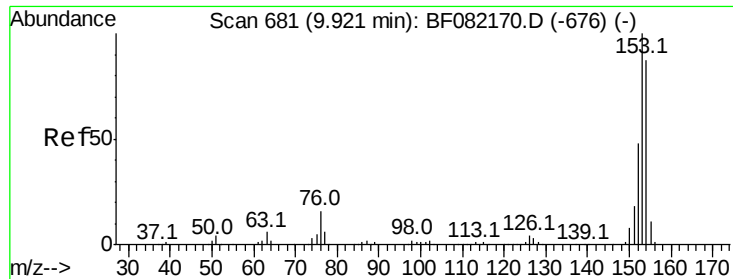
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	165	Resp:	89492
Ion Ratio	Lower	Upper	
165	100		
63	59.9	36.7	55.1#
89	56.7	37.8	56.6#





#51

Acenaphthene

Concen: 34.44 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

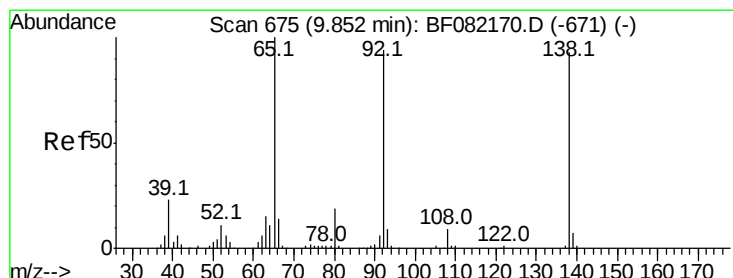
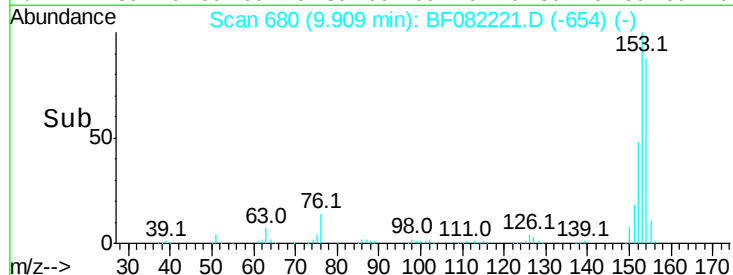
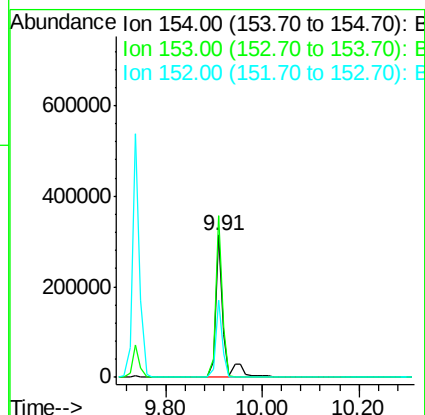
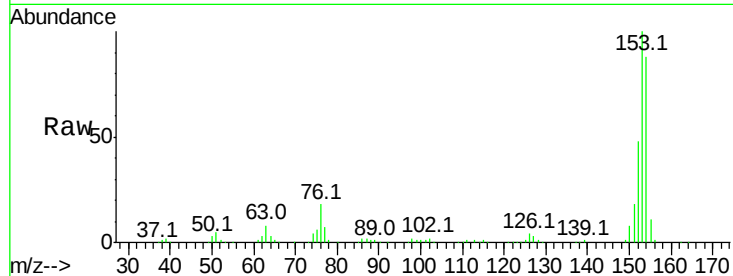
ClientSampleId :

PB86065BS

Tot Ion:	154	Resp:	364880
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.2
152	53.9	44.3	66.5

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#52

3-Nitroaniline

Concen: 16.60 ng

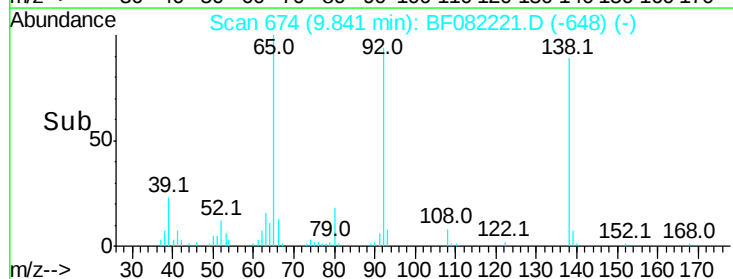
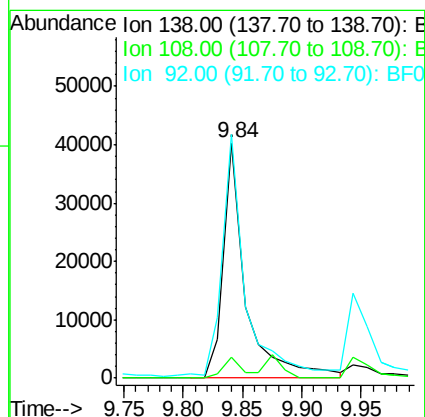
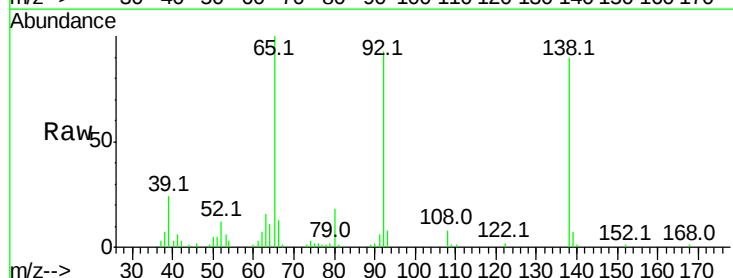
RT: 9.84 min Scan# 674

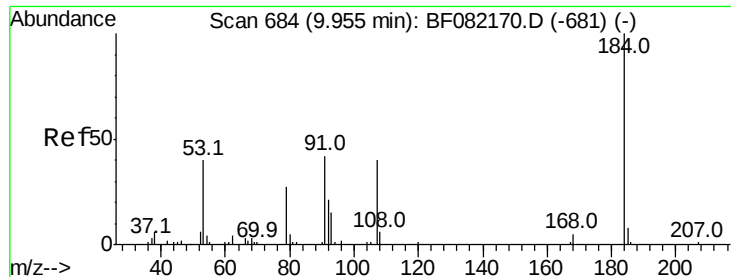
Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	138	Resp:	52570
Ion Ratio	Lower	Upper	
138	100		
108	8.7	7.4	11.0
92	103.7	81.3	121.9





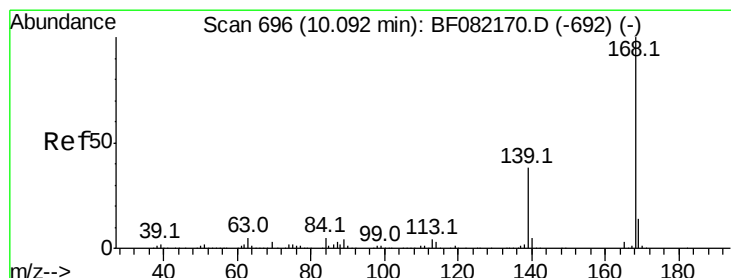
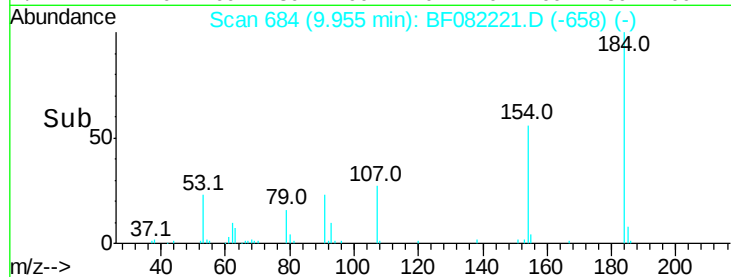
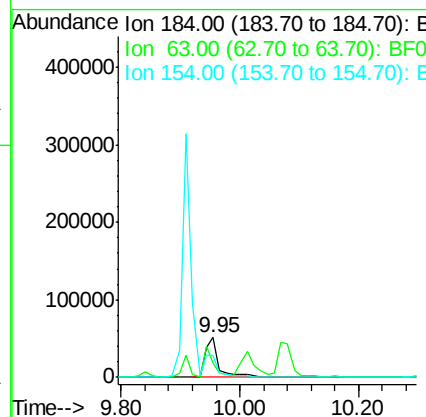
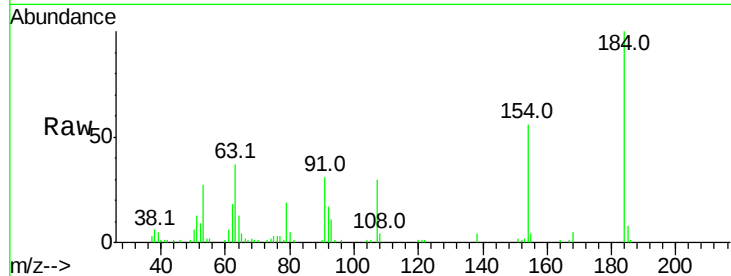
#53
2,4-Dinitrophenol
Concen: 56.36 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	37.5	45.1	67.7#
154	56.1	51.2	76.8

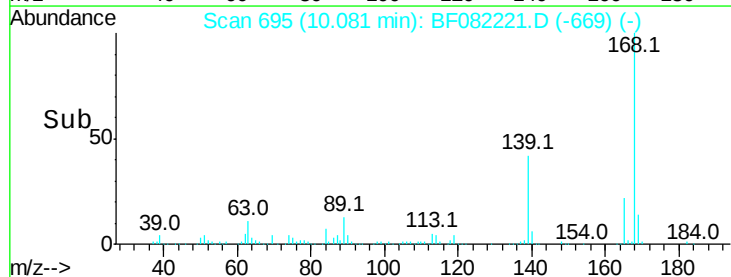
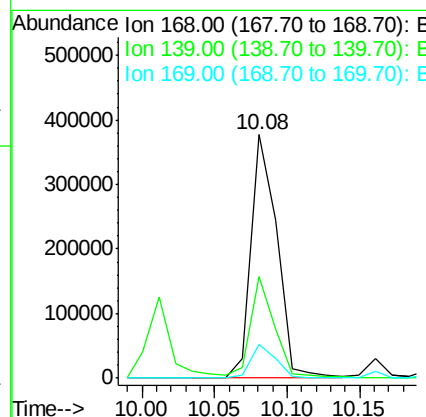
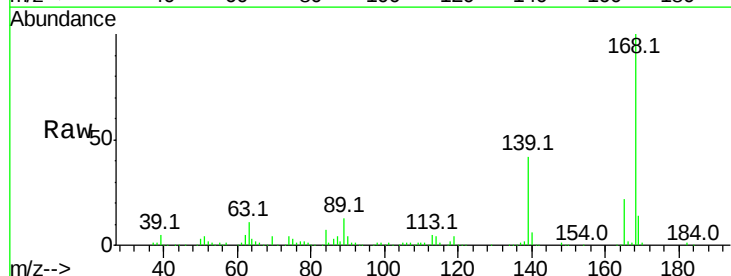
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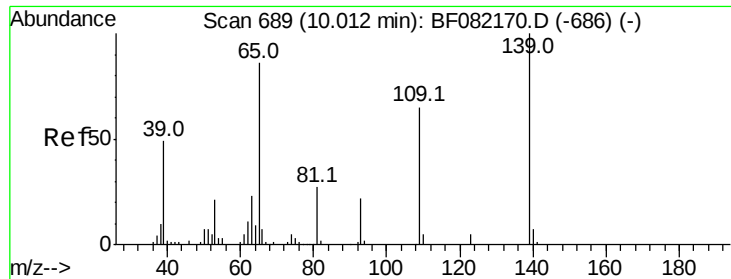
MMdadoda
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#54
Dibenzofuran
Concen: 32.17 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	31.0	46.6
169	13.7	10.9	16.3





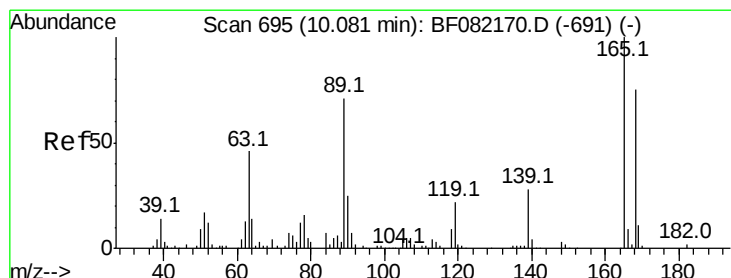
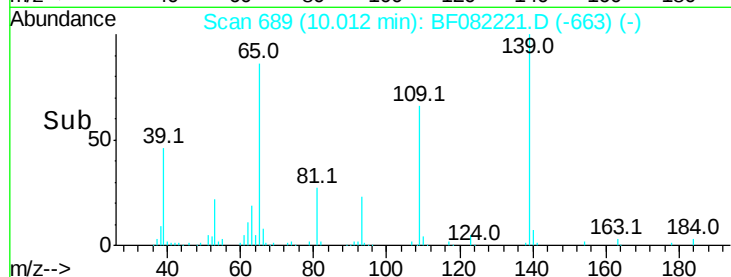
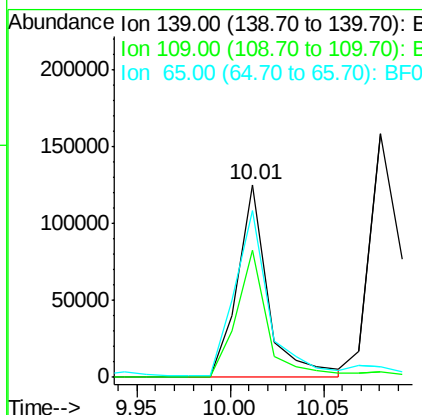
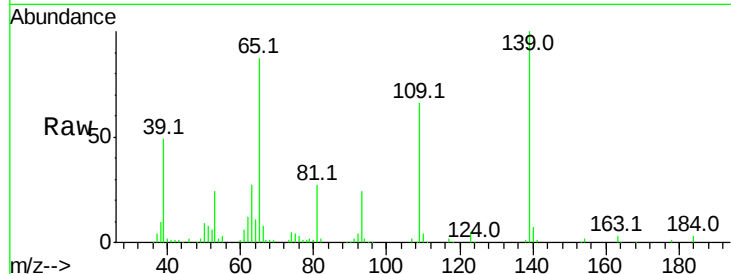
#55
4-Nitrophenol
Concen: 69.61 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	144398		
109	65.9	44.8	84.8	
65	86.7	67.7	107.7	

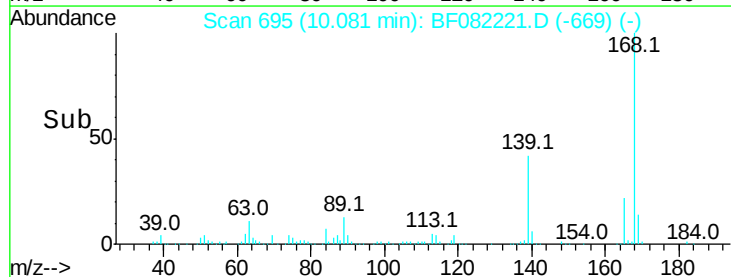
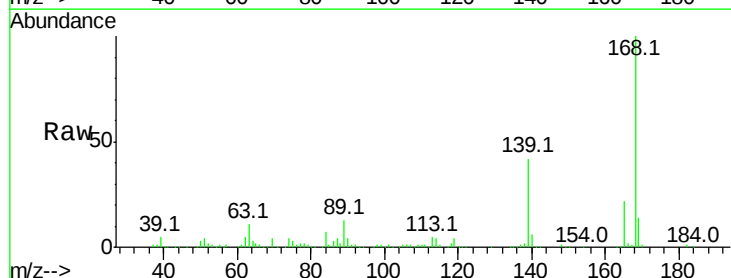
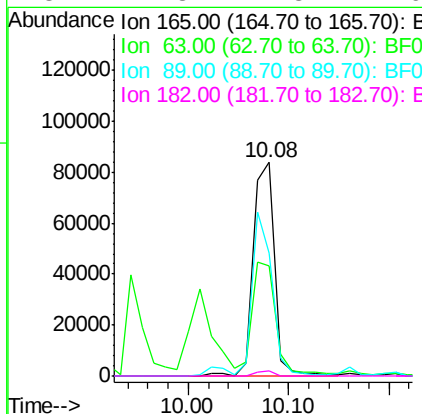
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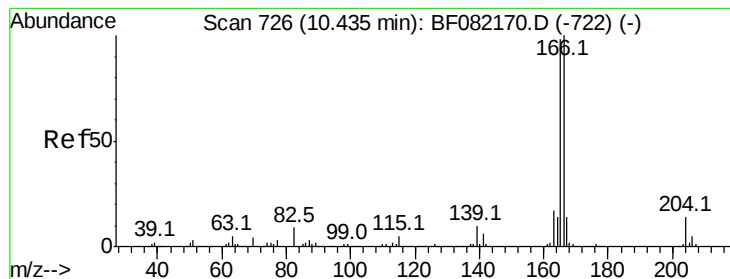
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 35.10 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123022		
63	51.4	38.6	58.0	
89	57.4	57.0	85.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 31.79 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:166 Resp: 379710

Ion Ratio Lower Upper

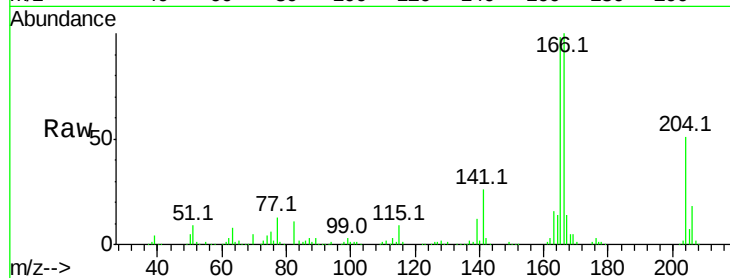
166 100

165 97.8 78.3 117.5

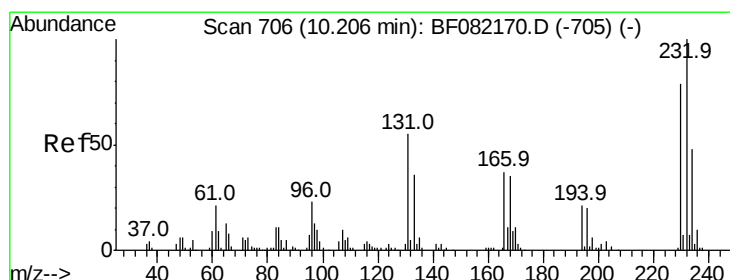
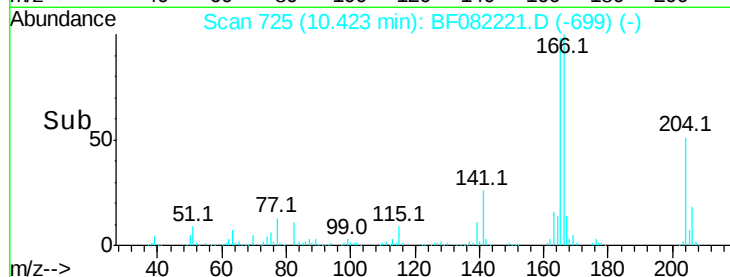
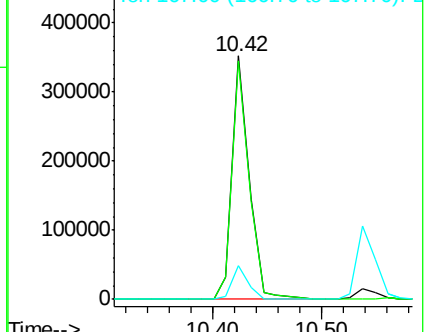
167 13.7 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.86 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:232 Resp: 115037

Ion Ratio Lower Upper

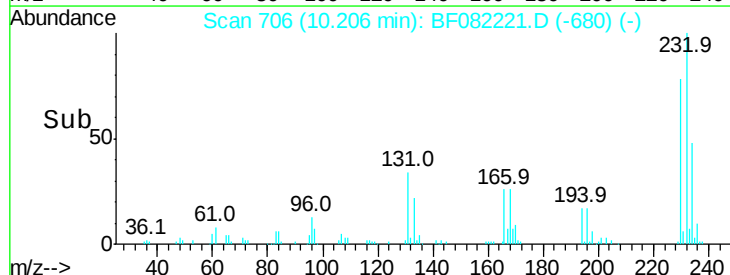
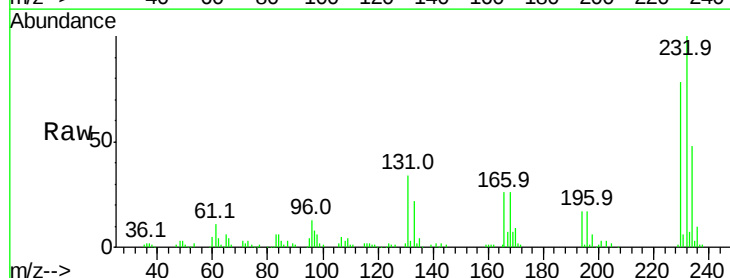
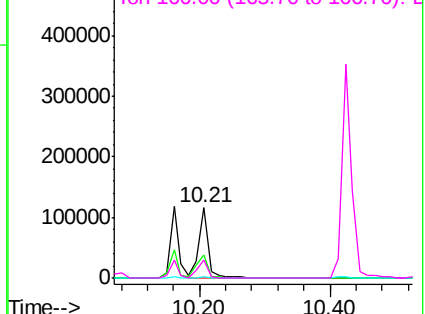
232 100

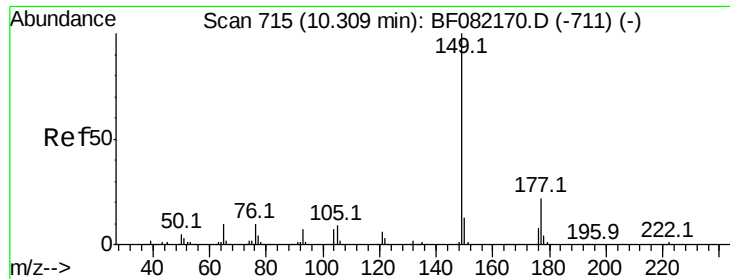
131 39.3 36.6 54.8

130 1.7 1.5 2.3

166 28.1 24.6 37.0

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





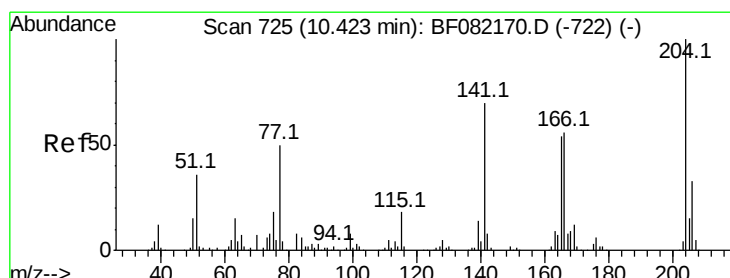
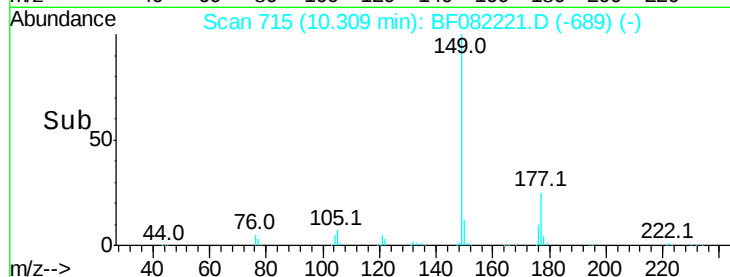
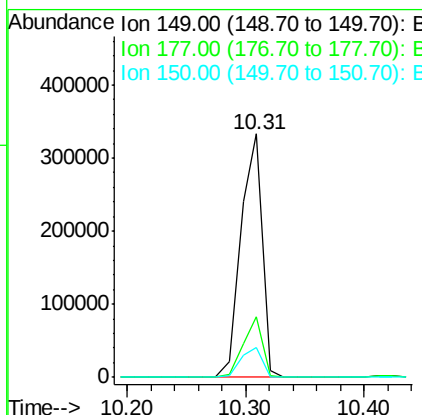
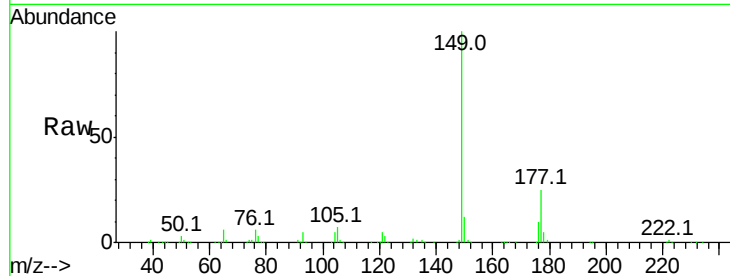
#59
Diethylphthalate
Concen: 33.62 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	416448		
177	24.8		17.6	26.4
150	12.1		10.3	15.5

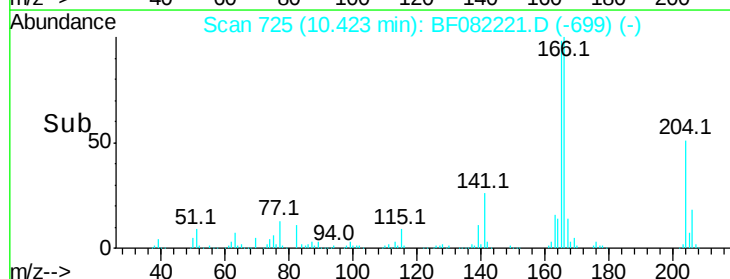
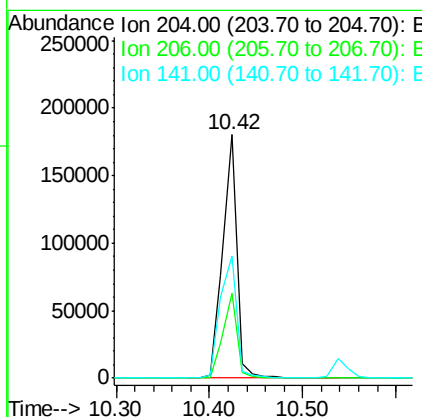
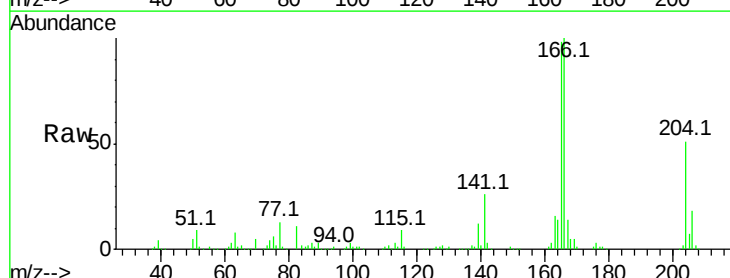
Manual Integrations
APPROVED

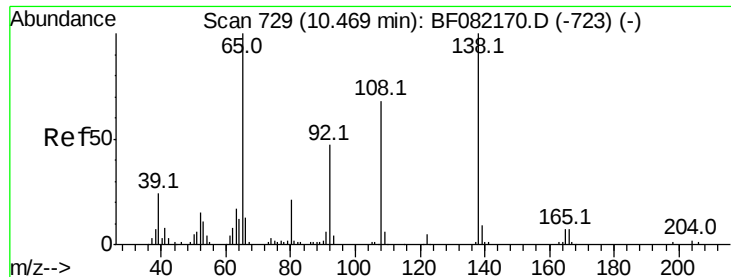
MMdadoda
10/13/2015 1:27:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.70 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	189878		
206	34.7		26.8	40.2
141	50.3		56.1	84.1#





#61

4-Nitroaniline

Concen: 33.46 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

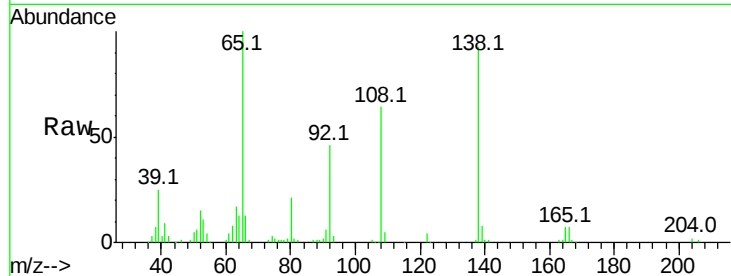
ClientSampleId :

PB86065BS

Tot Ion:	138	Resp:	102799
Ion Ratio	Lower	Upper	
138	100		
92	49.6	26.8	66.8
108	68.3	48.4	88.4

Manual Integrations
APPROVED

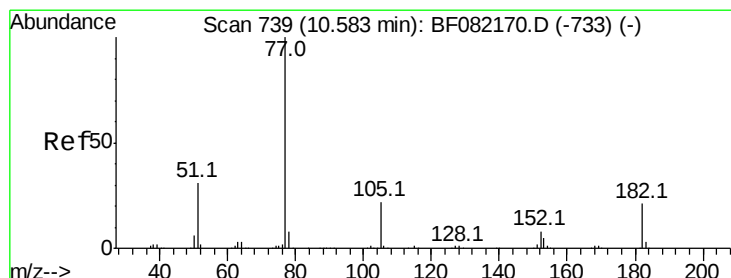
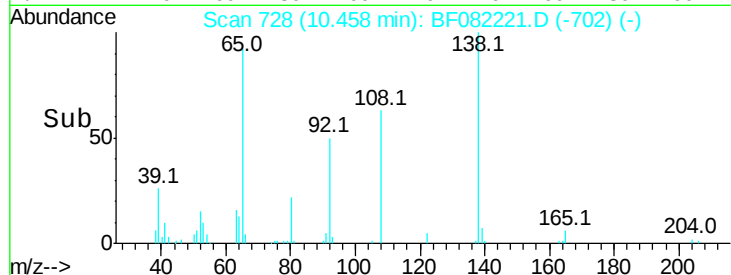
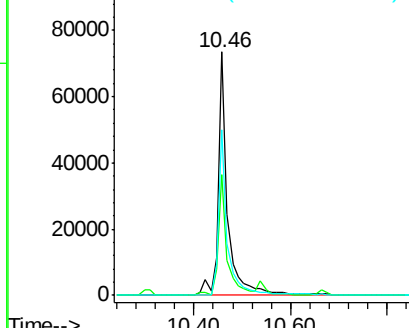
MMdadoda
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.74 ng

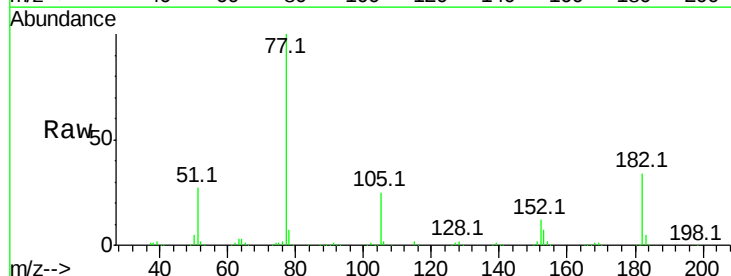
RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	77	Resp:	409056
Ion Ratio	Lower	Upper	
77	100		
182	34.1	0.5	40.5
105	24.9	1.8	41.8
51	27.2	11.2	51.2

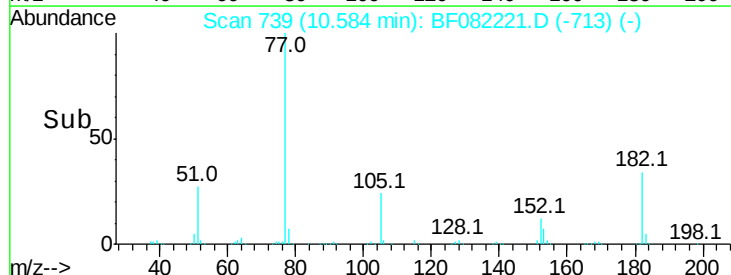
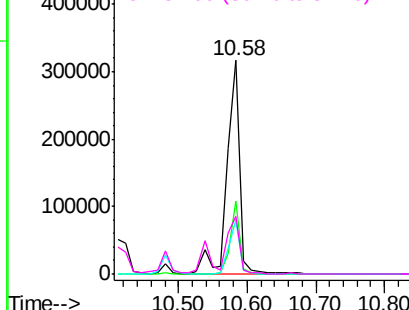


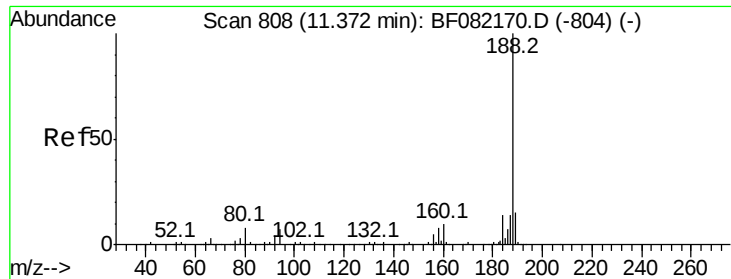
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





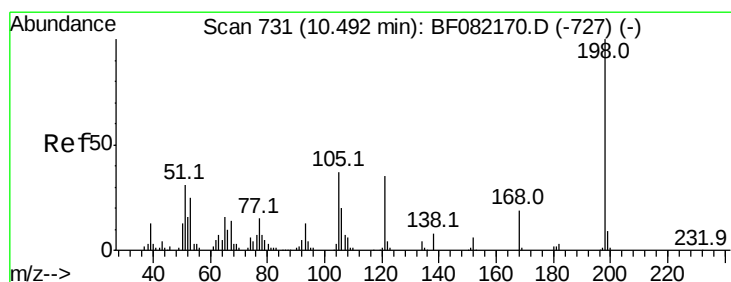
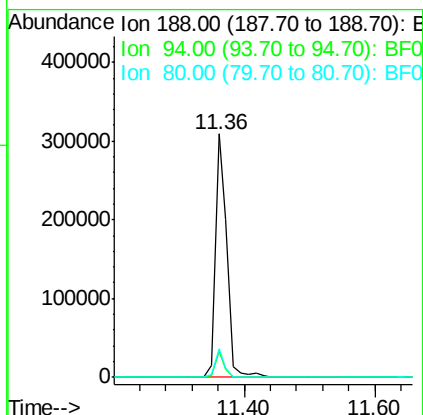
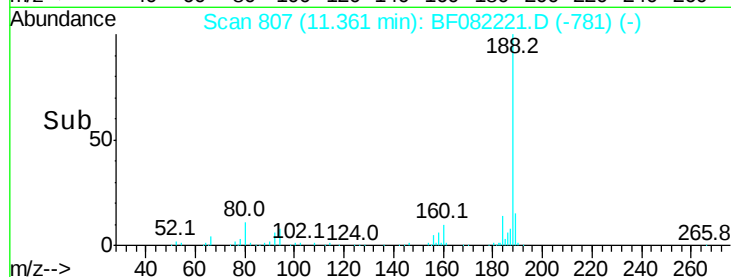
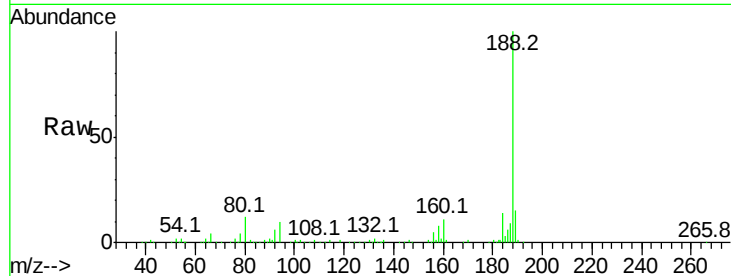
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	5.8	8.6#	
80	11.7	6.4	9.6#	

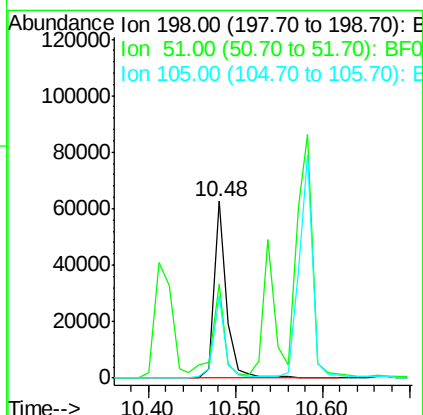
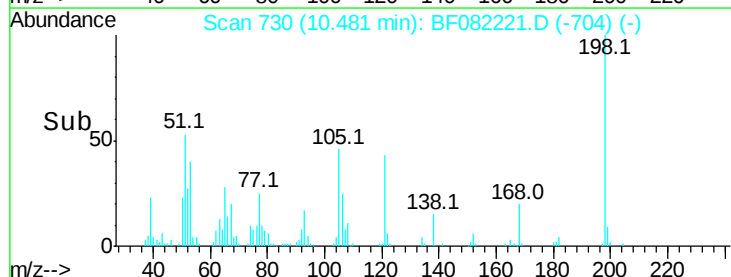
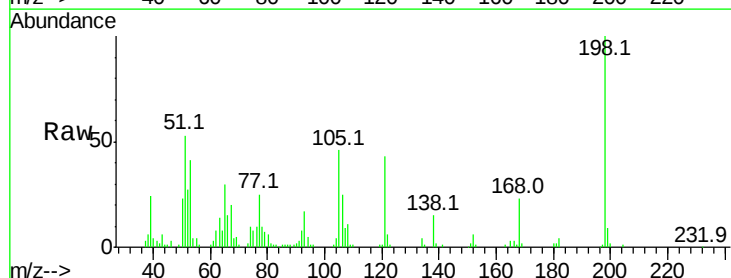
Manual Integrations
APPROVED

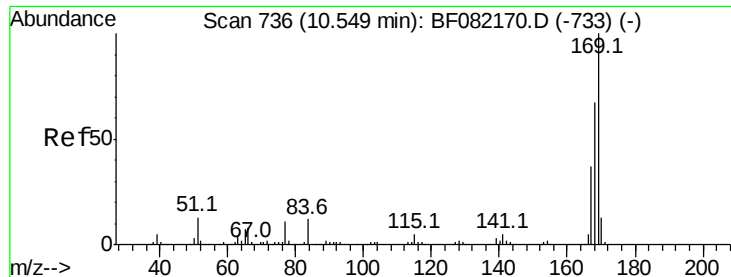
MMdadoda
10/13/2015 1:27:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.43 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.1	13.6	53.6	
105	46.4	17.1	57.1	





#65

n-Nitrosodiphenylamine

Concen: 30.02 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

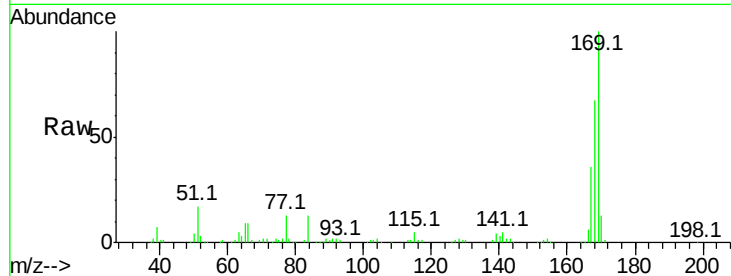
ClientSampleId :

PB86065BS

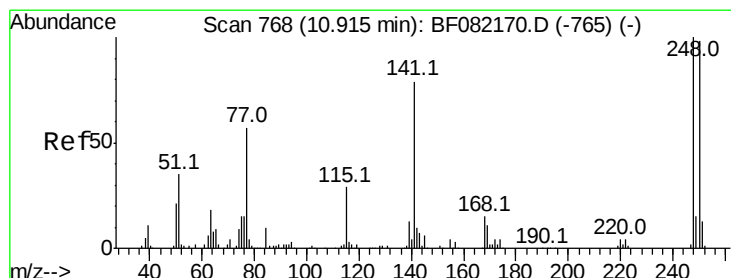
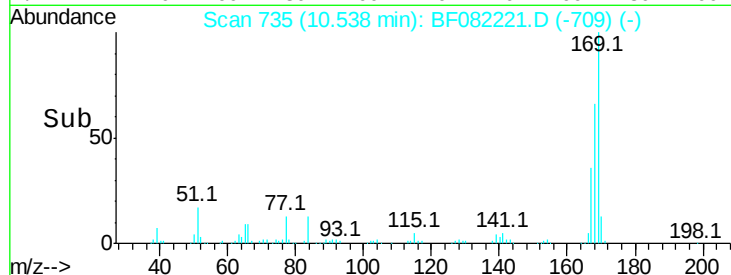
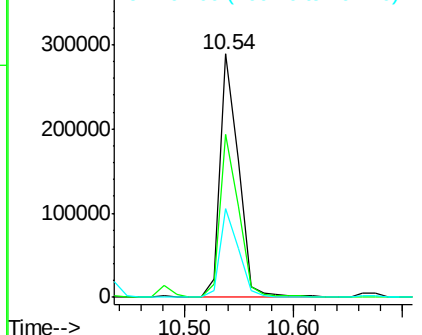
Tot Ion:	169	Resp:	345624
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.0	81.0
167	36.5	29.6	44.4

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



#66

4-Bromophenyl-phenylether

Concen: 30.25 ng

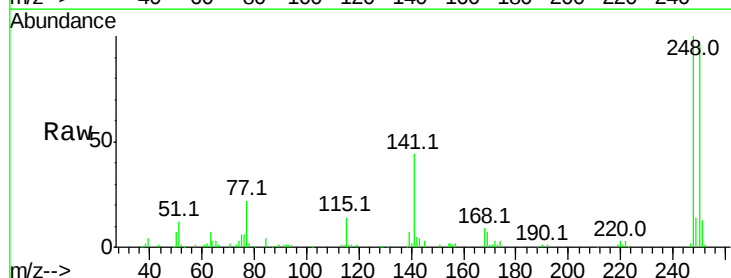
RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

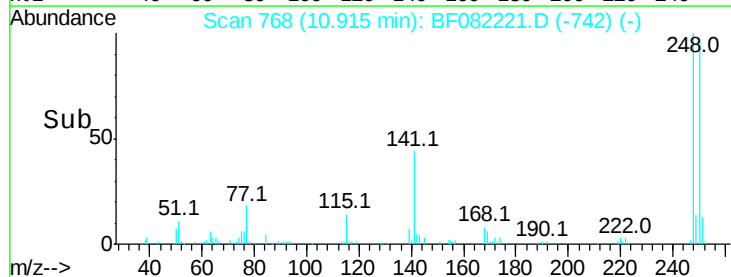
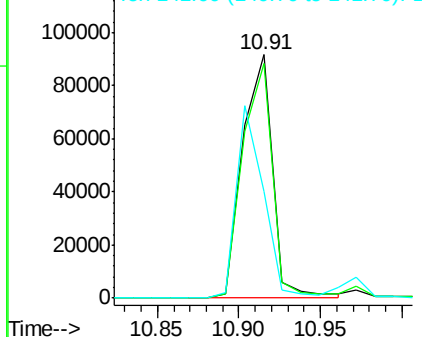
Lab File: BF082221.D

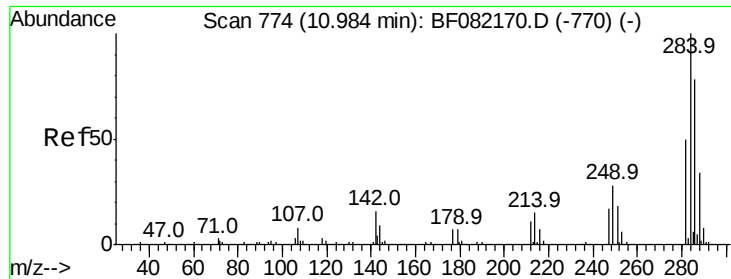
Acq: 12 Oct 2015 15:31

Tgt Ion:	248	Resp:	116425
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.6	117.8
141	43.9	63.3	94.9#



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





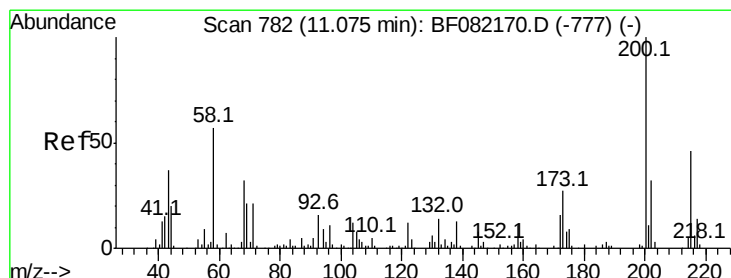
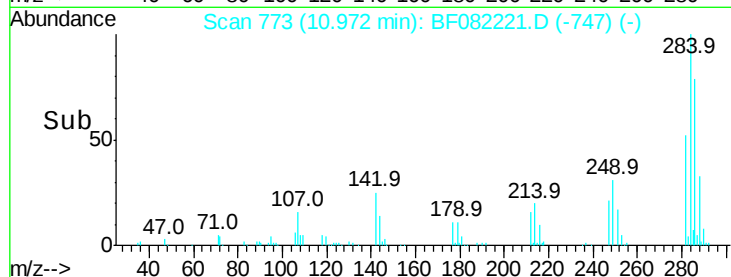
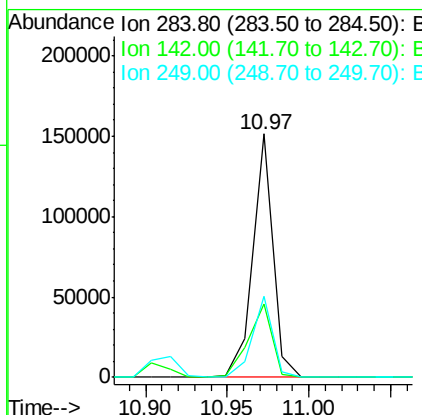
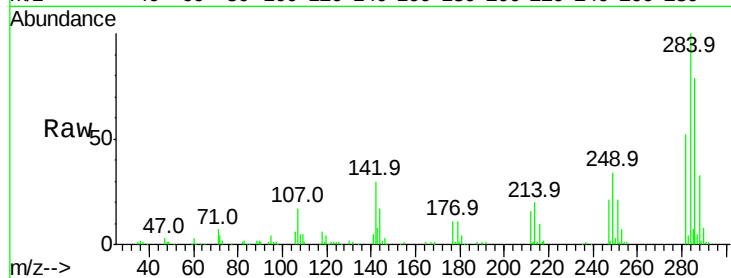
#67
Hexachlorobenzene
Concen: 31.33 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.1	13.0	19.6	
249	33.5	22.5	33.7	

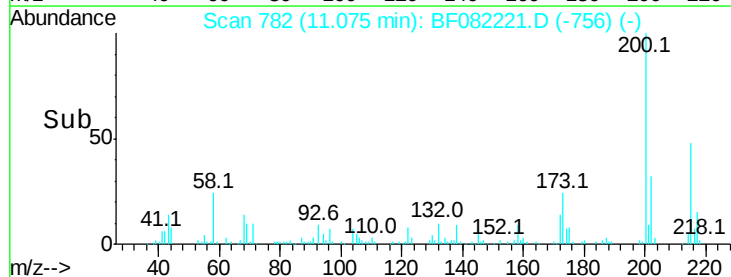
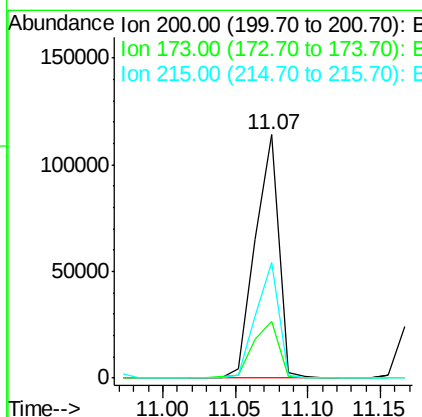
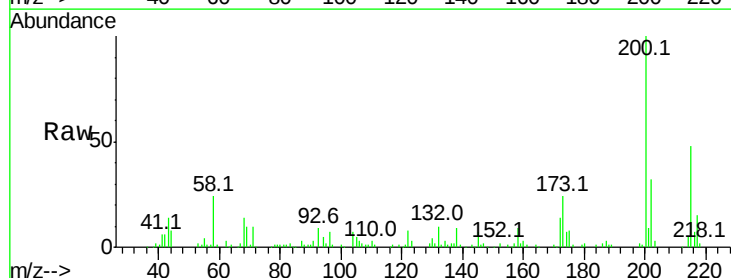
Manual Integrations
APPROVED

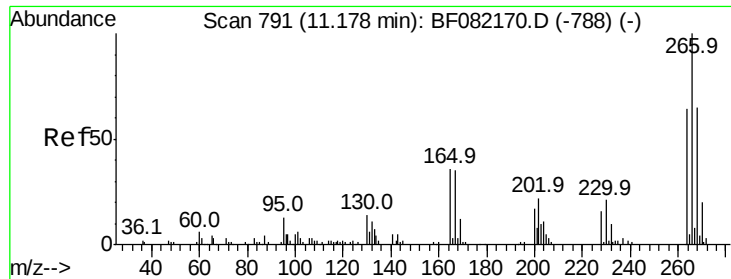
MMdadoda
10/13/2015 1:27:35 PM



#68
Atrazine
Concen: 35.22 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.5	7.3	47.3	
215	47.7	26.2	66.2	





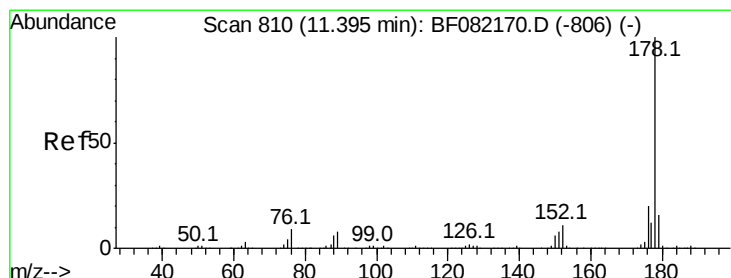
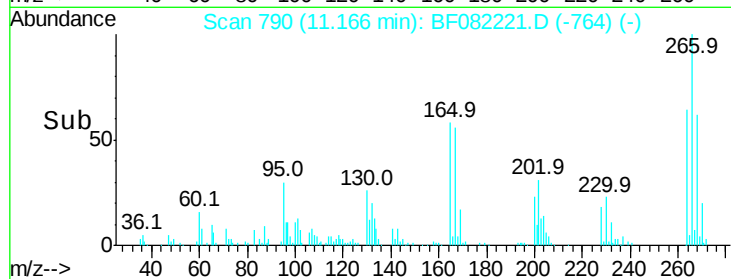
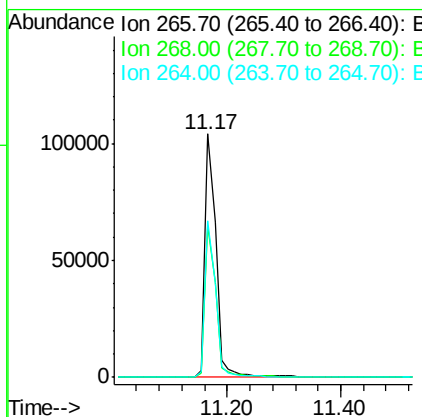
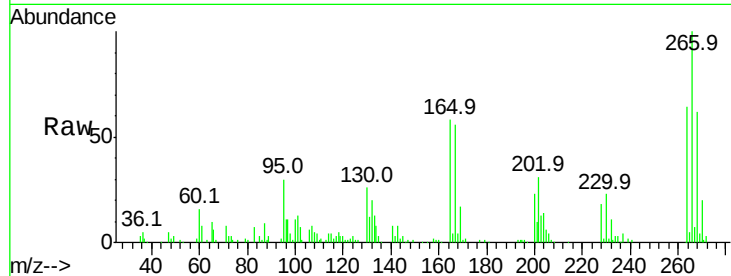
#69
 Pentachlorophenol
 Concen: 62.54 ng
 RT: 11.17 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133933		
268	62.3	52.0	78.0	
264	64.2	51.4	77.0	

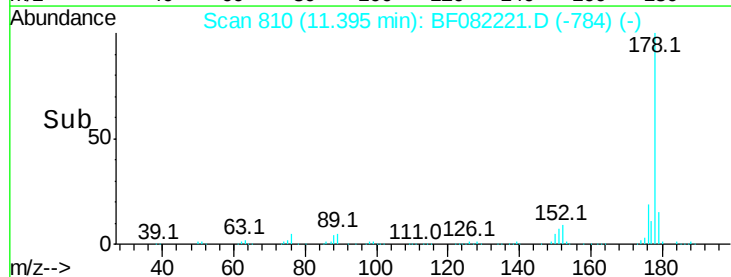
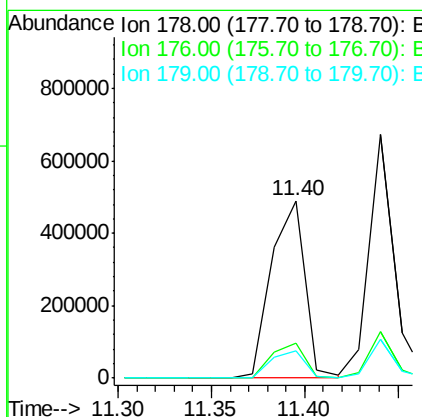
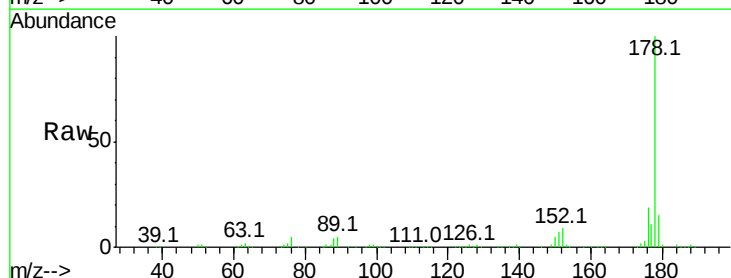
Manual Integrations
 APPROVED

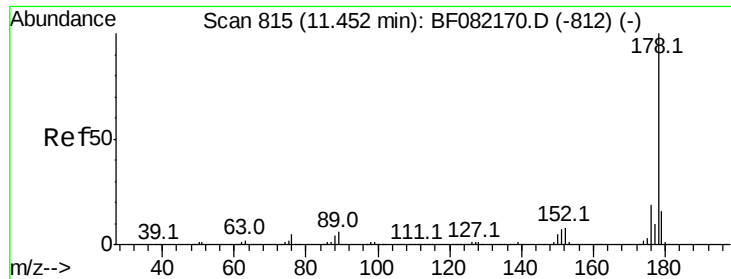
MMdadoda
 10/13/2015 1:27:35 PM



#70
 Phenanthrene
 Concen: 32.68 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	615904		
176	19.3	16.0	24.0	
179	15.3	12.6	19.0	





#71

Anthracene

Concen: 33.05 ng

RT: 11.44 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

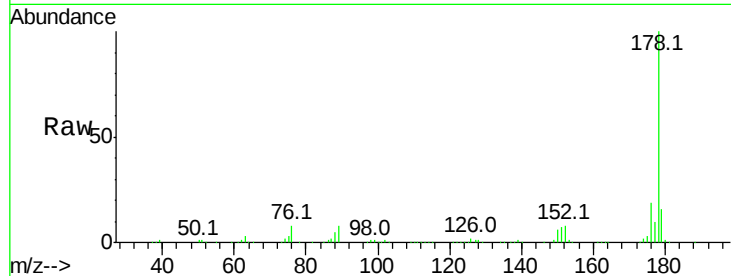
ClientSampleId :

PB86065BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.5	18.7

Manual Integrations
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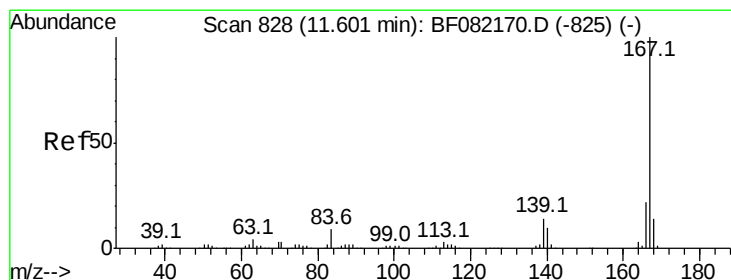
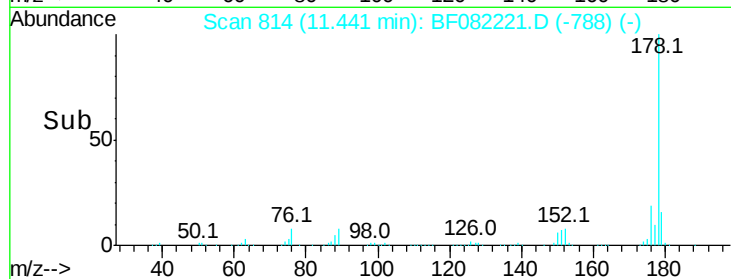
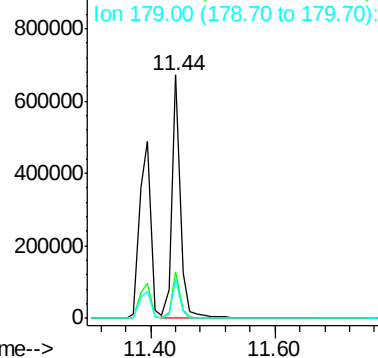
MMdadoda
10/13/2015 1:27:35 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.73 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082221.D

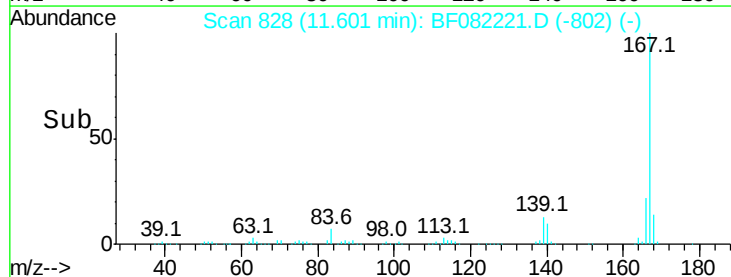
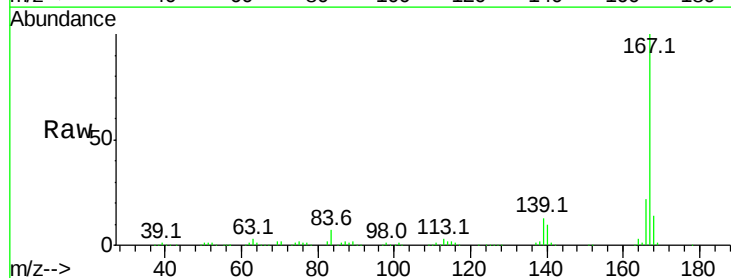
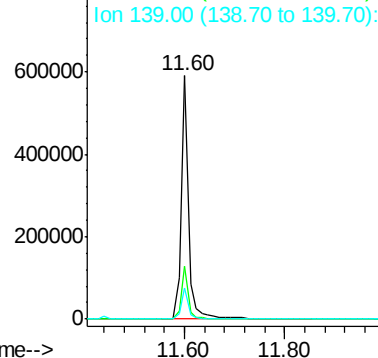
Acq: 12 Oct 2015 15:31

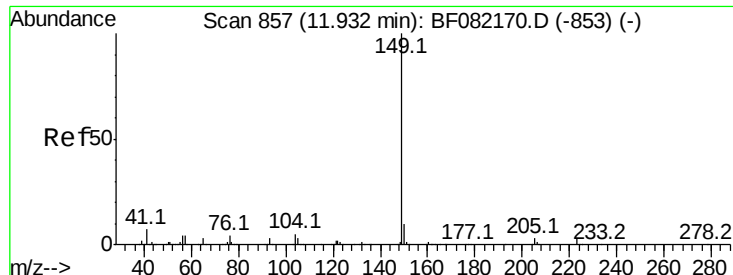
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.9	11.2	16.8

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.20 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

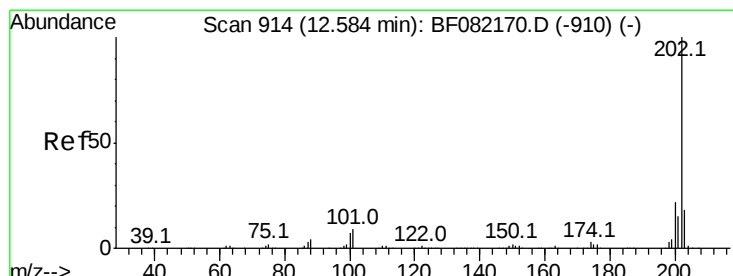
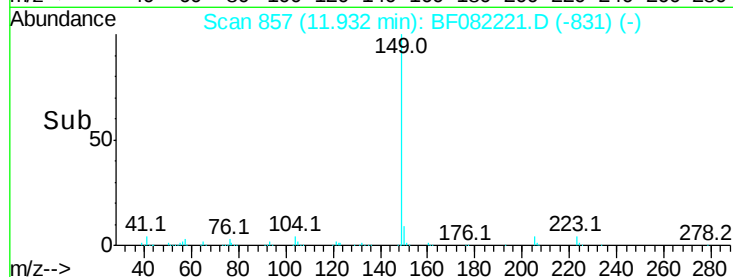
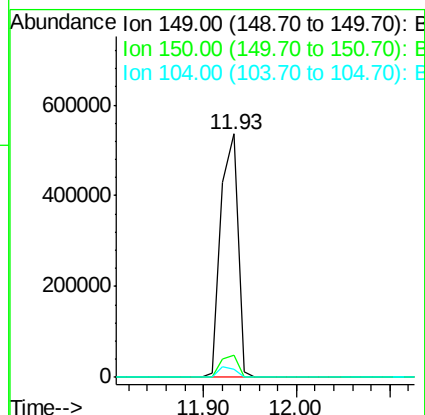
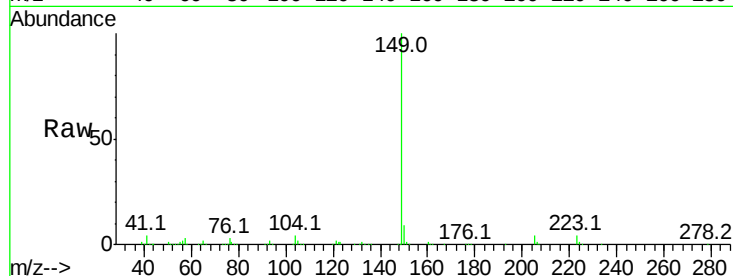
ClientSampleId :

PB86065BS

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:27:35 PM

Tot Ion:	149	Resp:	681820
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.6	3.8	5.8#



#74

Fluoranthene

Concen: 32.26 ng

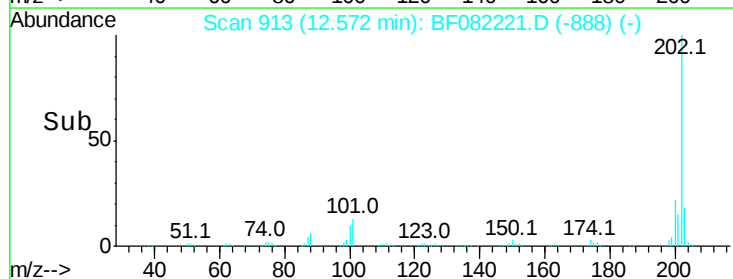
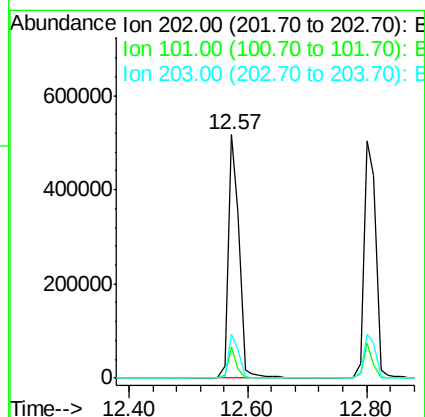
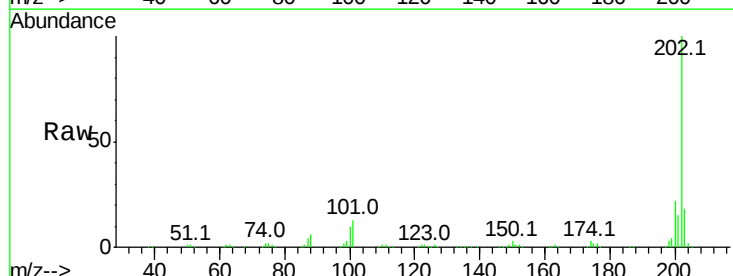
RT: 12.57 min Scan# 913

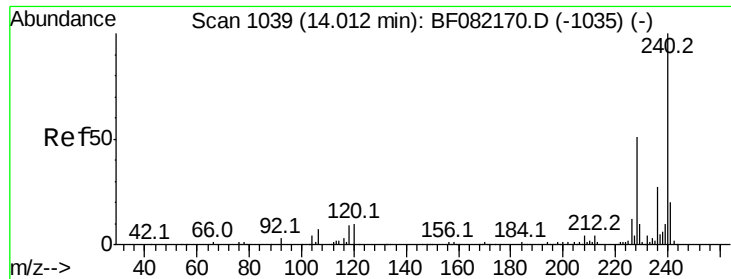
Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:	202	Resp:	652944
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	29.3
203	18.2	0.0	37.8





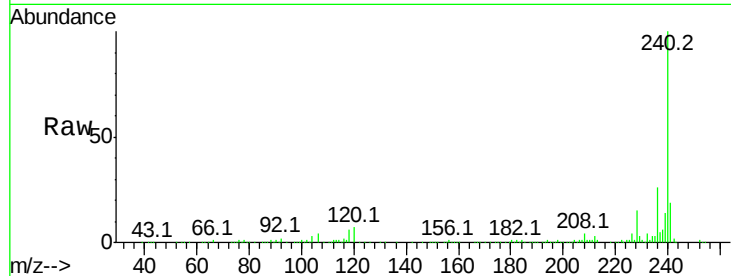
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

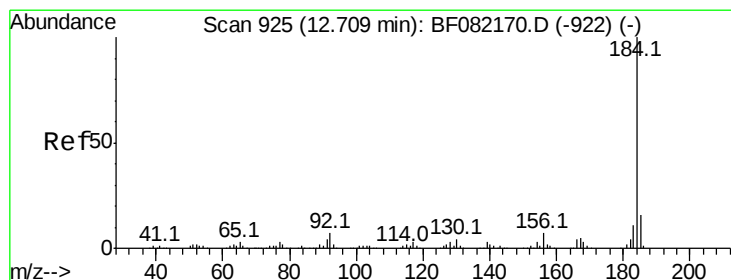
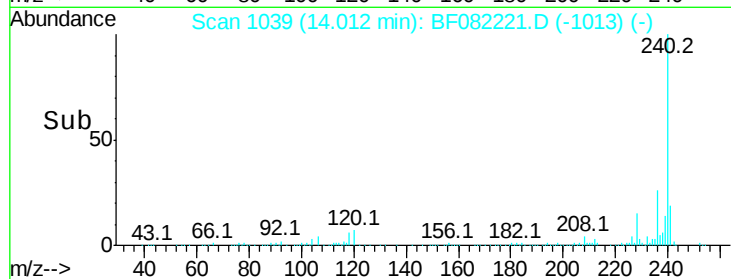
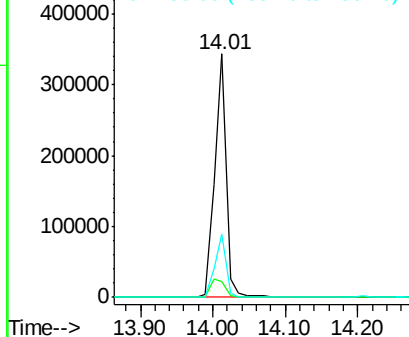
Tot Ion	Ratio	Resp	Lower	Upper
240	100	380248		
120	6.6	8.1	12.1	#
236	26.0	21.3	31.9	

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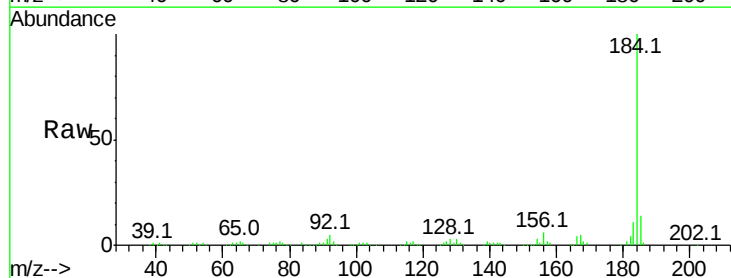


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

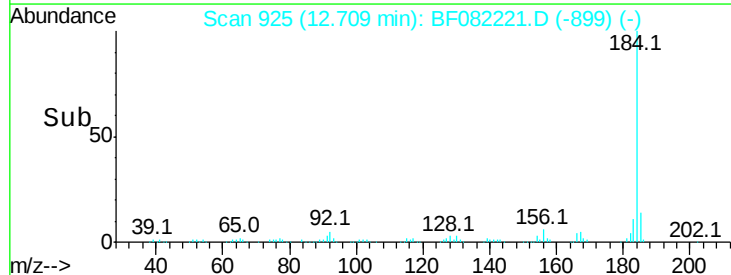
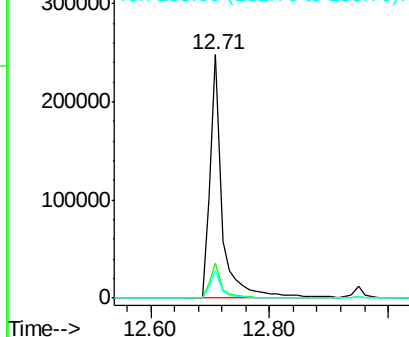


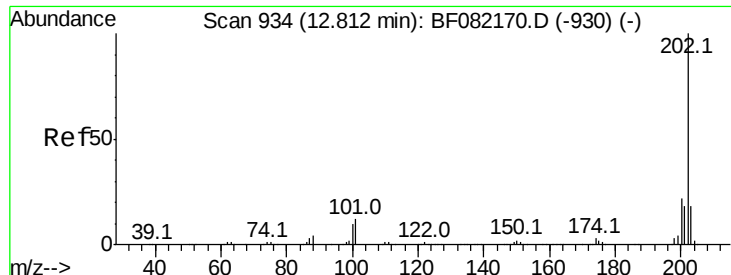
#76
Benzidine
Concen: 32.09 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	353618		
185	14.2	12.5	18.7	
183	11.2	9.1	13.7	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





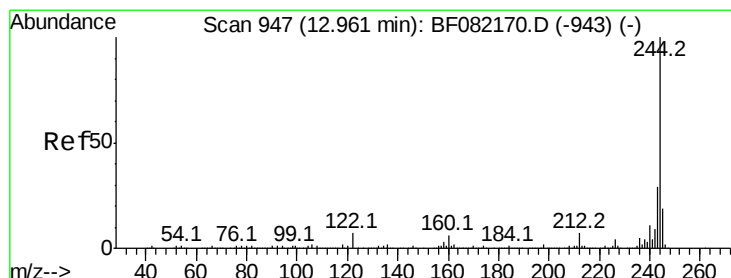
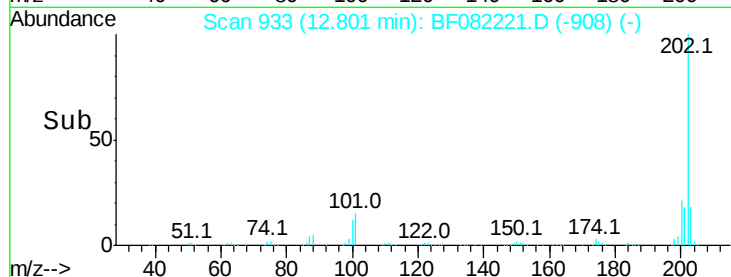
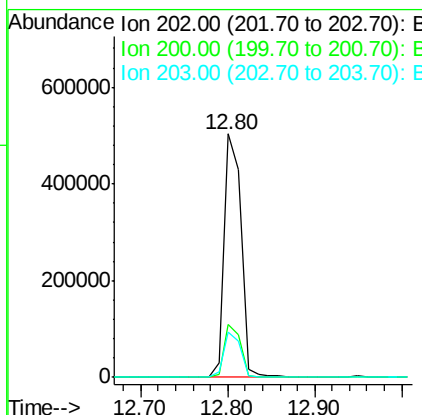
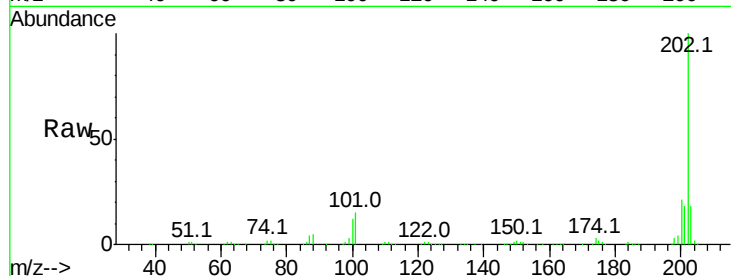
#77
Pvrene
Concen: 30.24 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.9	26.9
203	18.4	14.5	21.7

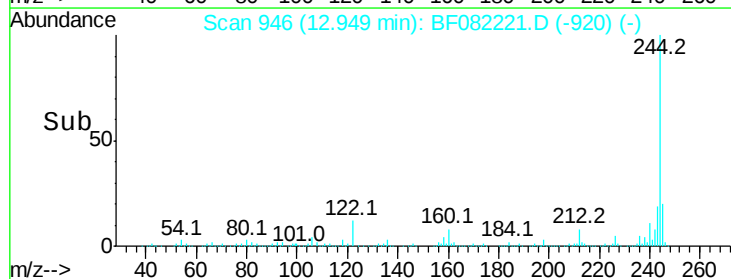
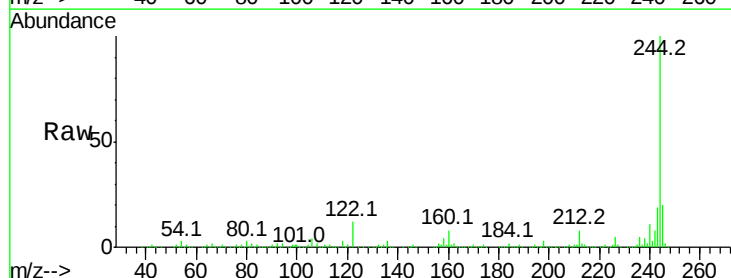
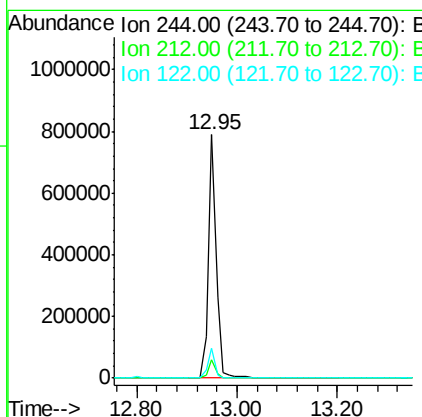
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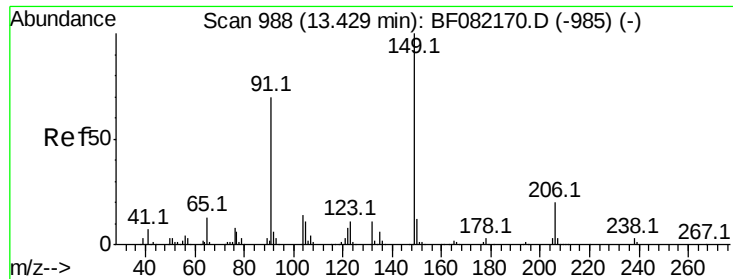
MMdadoda
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#78
Terphenyl-d14
Concen: 59.79 ng
RT: 12.95 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.6
122	12.1	5.9	8.9#





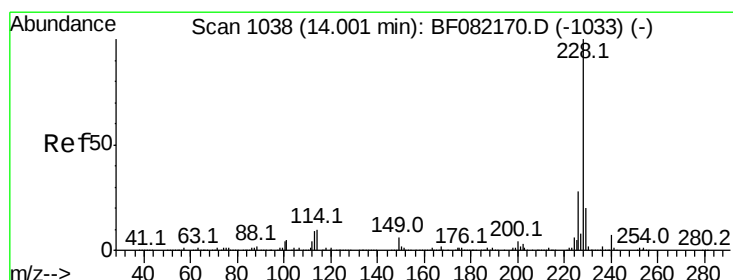
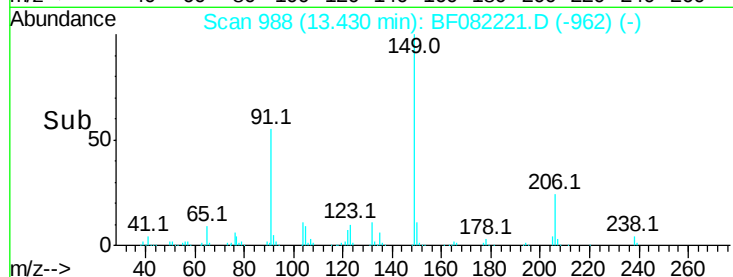
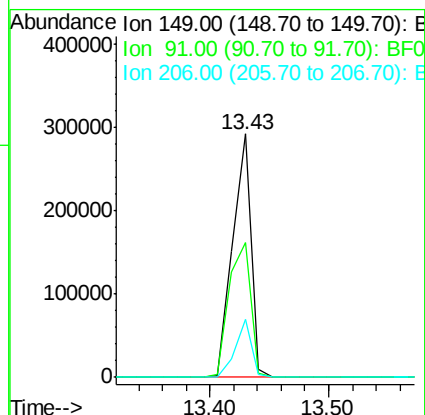
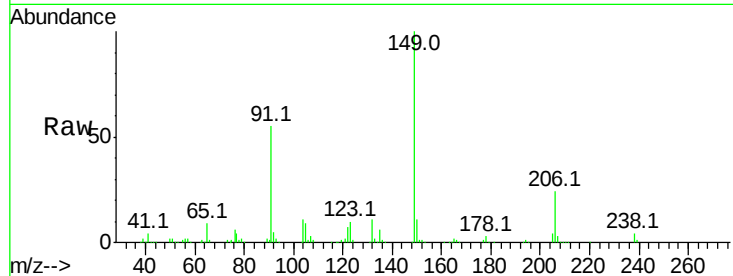
#79
Butylbenzylphthalate
Concen: 30.63 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	315452		
91	55.2		55.7	83.5#
206	23.8		15.6	23.4#

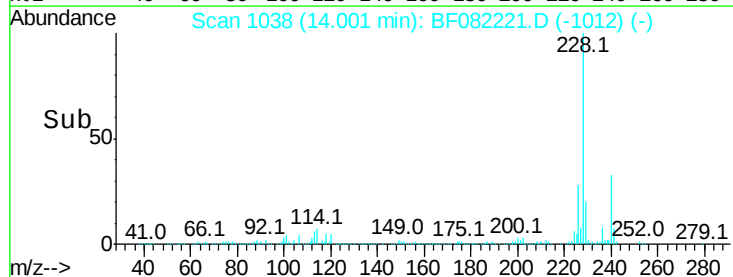
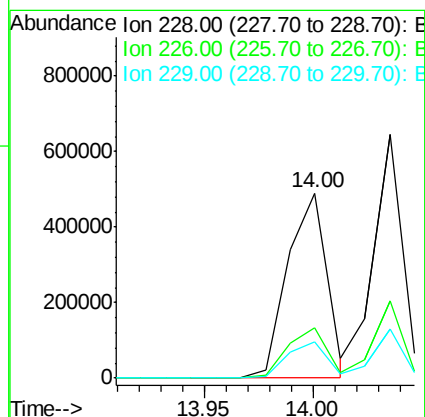
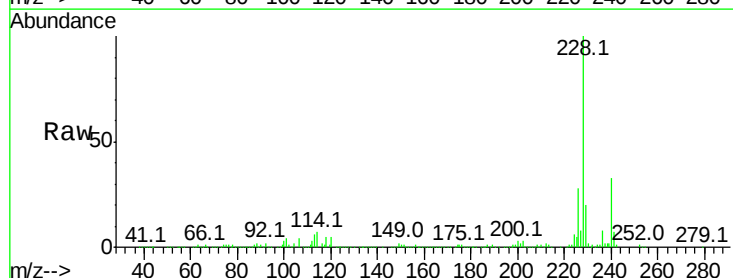
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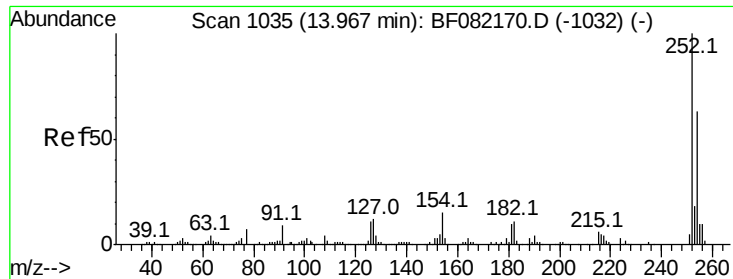
MMdadoda
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#80
Benzo(a)anthracene
Concen: 31.35 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	620227		
226	27.5		22.3	33.5
229	19.9		16.2	24.2





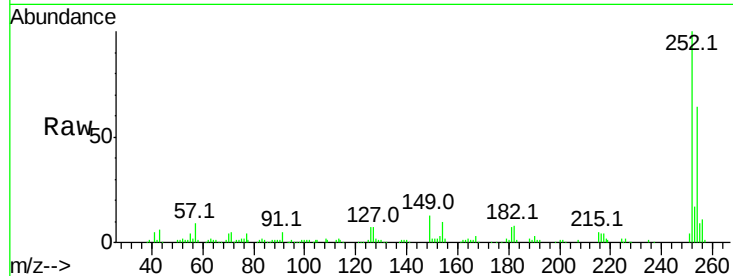
#81
 3,3'-Dichlorobenzidine
 Concen: 16.55 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

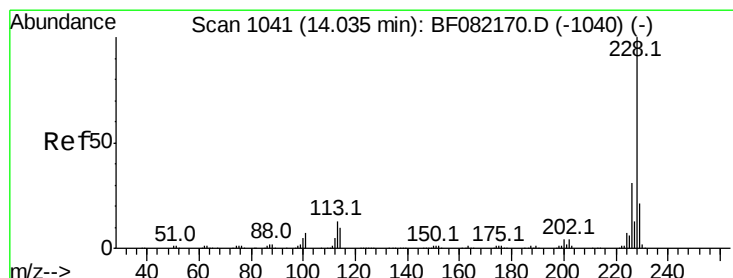
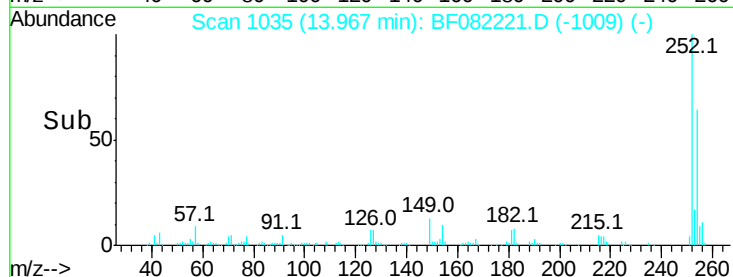
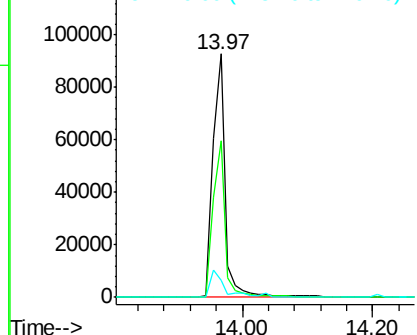
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.7	76.1
126	6.9	9.0	13.6

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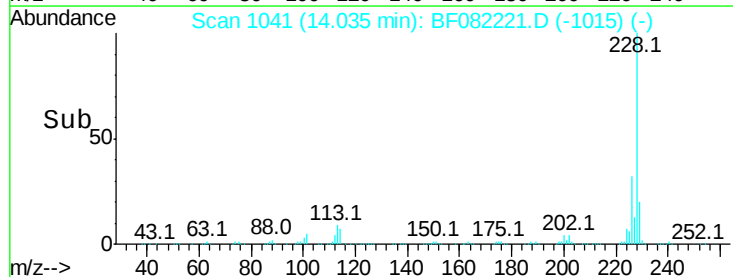
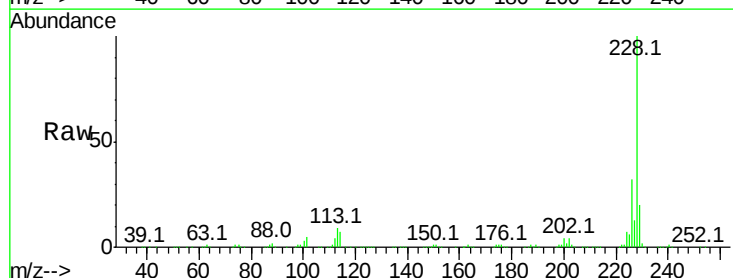
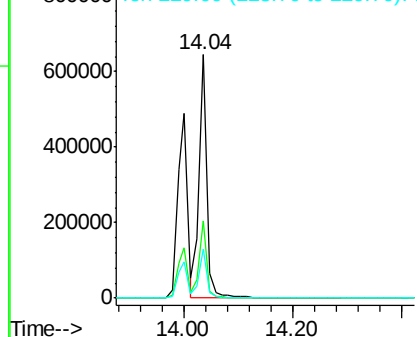
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

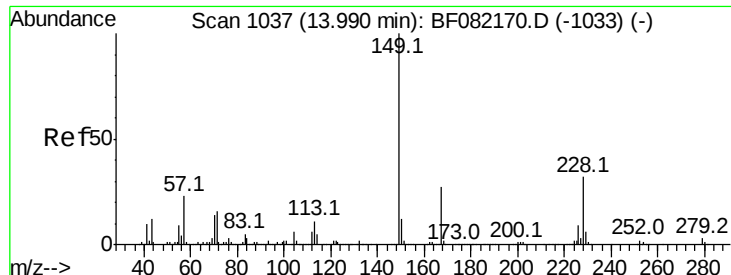


#82
 Chrysene
 Concen: 30.46 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.2	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





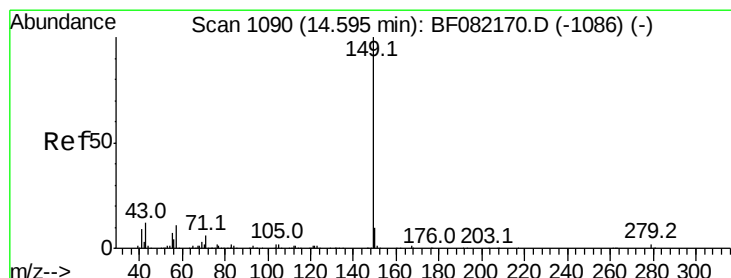
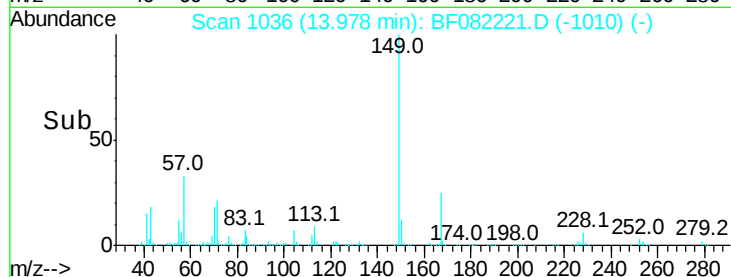
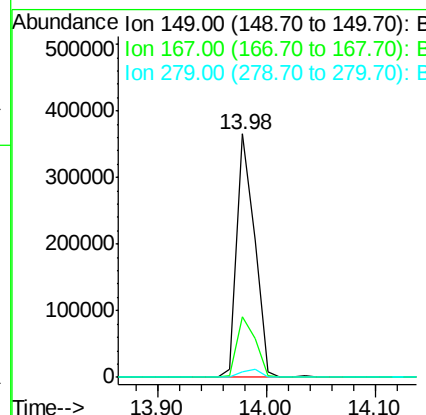
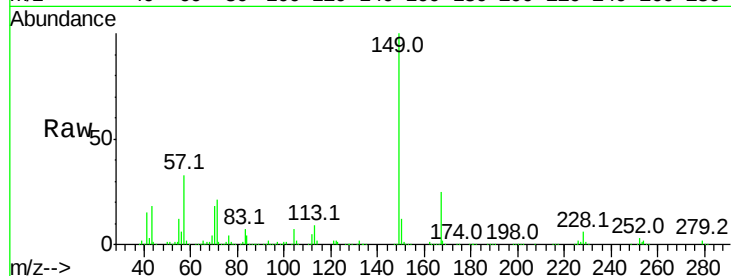
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.86 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.1	21.3	31.9
279	2.2	2.6	4.0

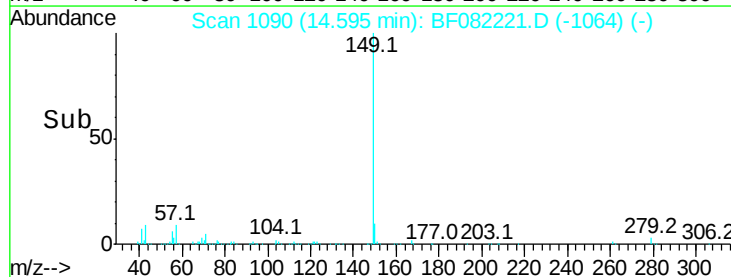
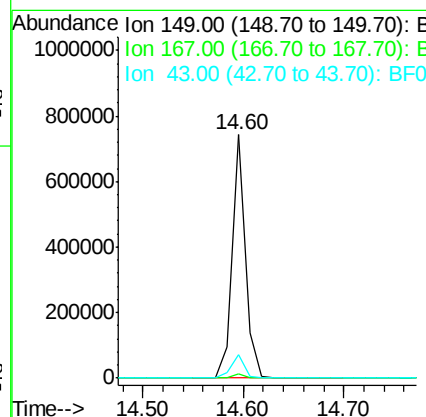
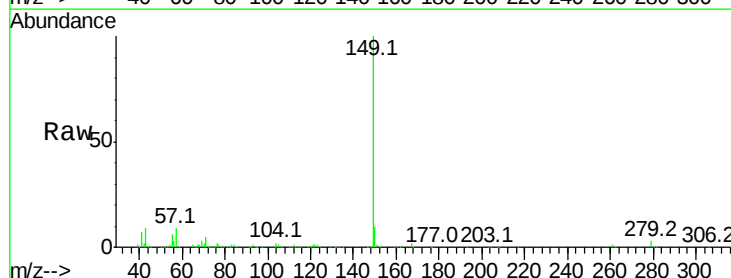
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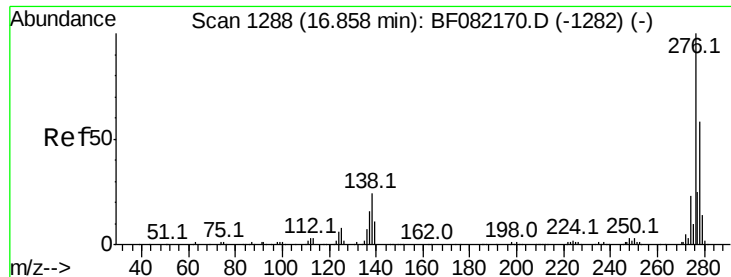
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#84
 Di-n-octyl phthalate
 Concen: 26.77 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.6	7.4	11.2





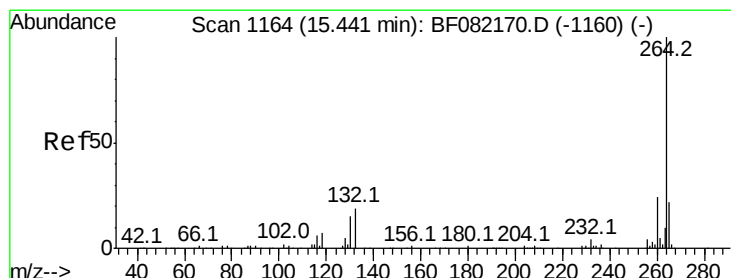
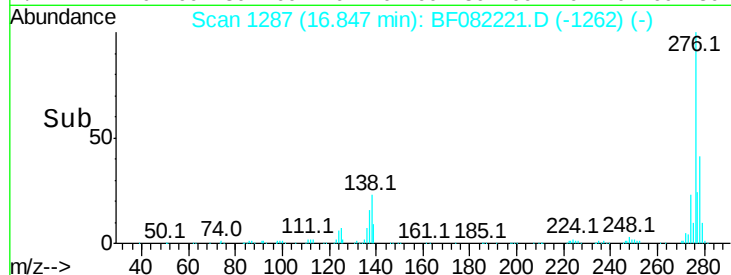
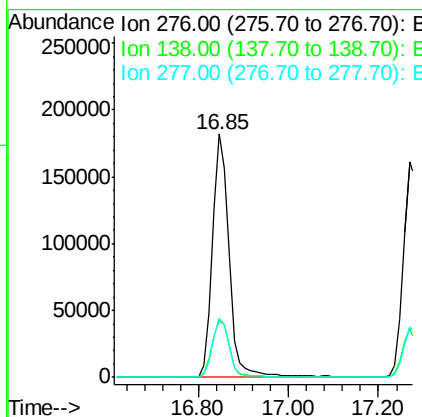
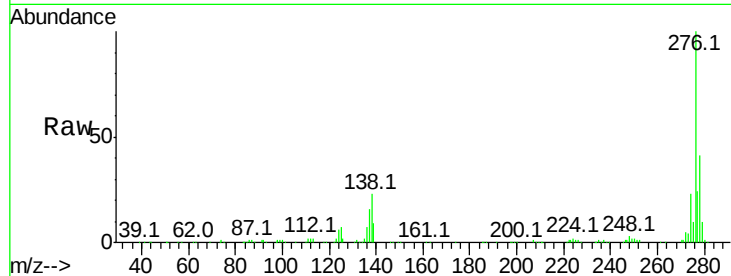
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.52 ng
 RT: 16.85 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	24.5	20.1	30.1

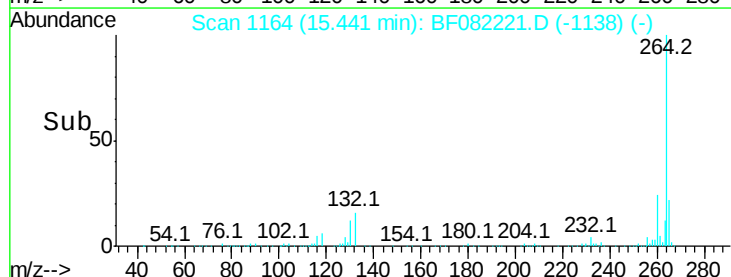
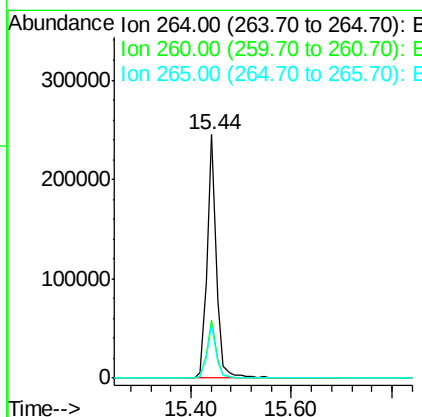
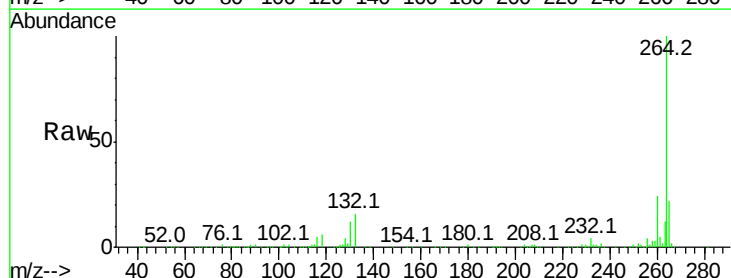
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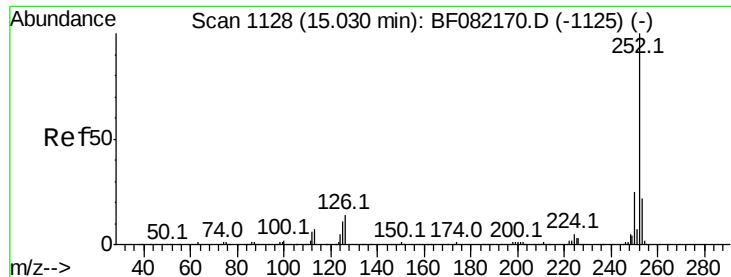
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 29.41 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

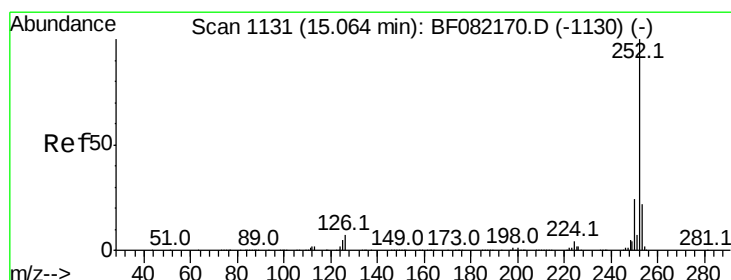
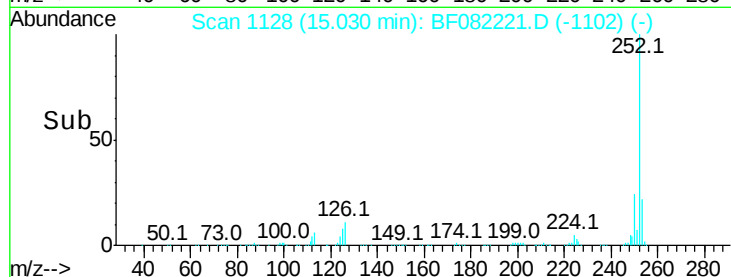
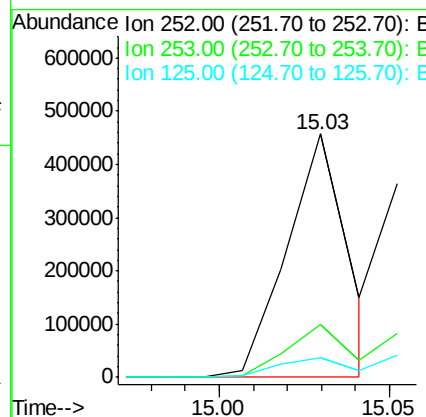
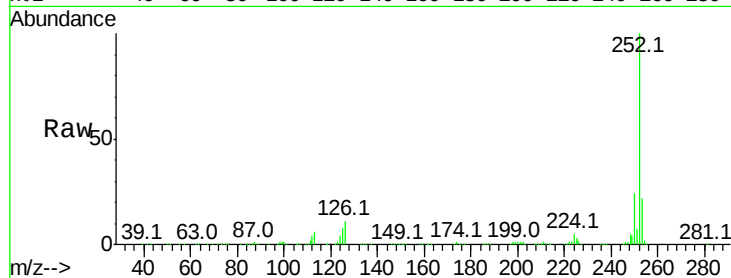
ClientSampleId :

PB86065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.1	8.6	12.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 33.88 ng m

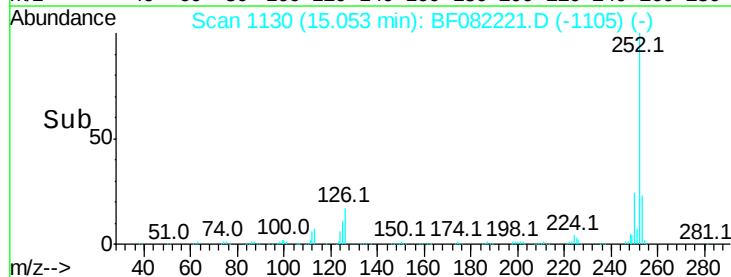
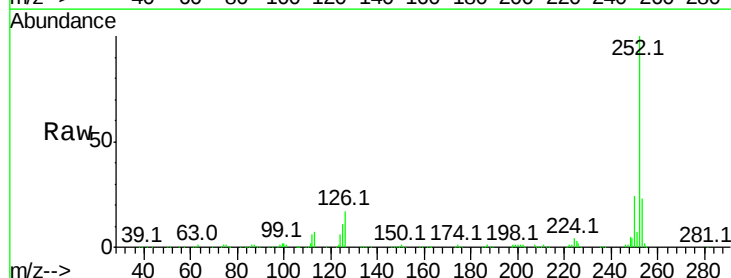
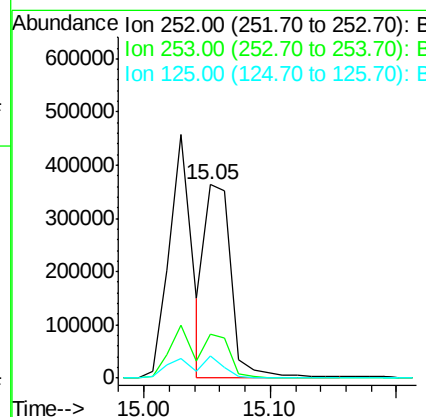
RT: 15.05 min Scan# 1130

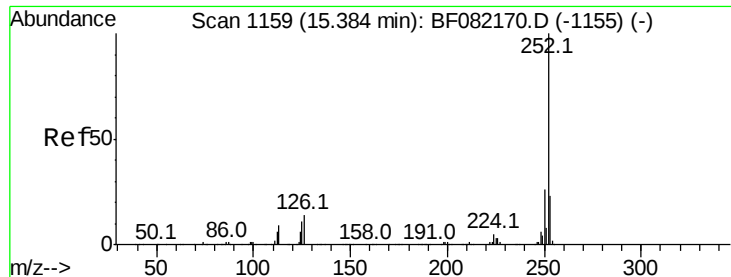
Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.3	6.7	10.1#





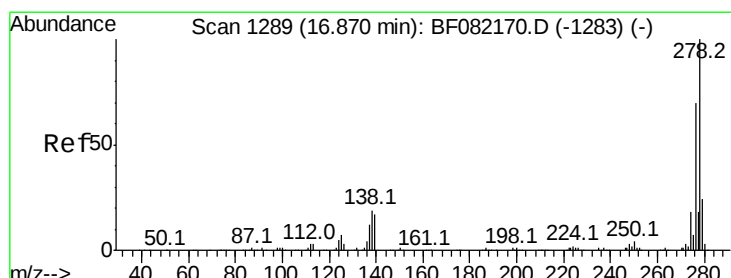
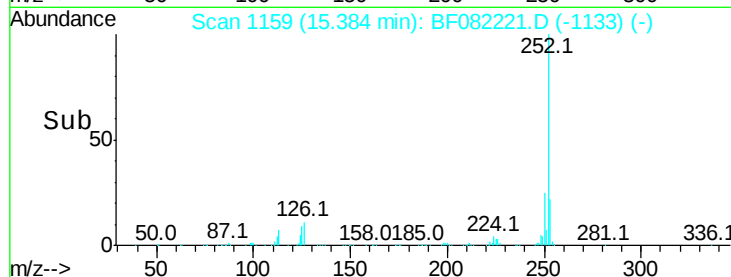
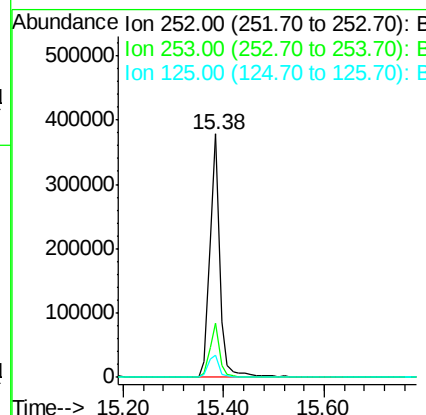
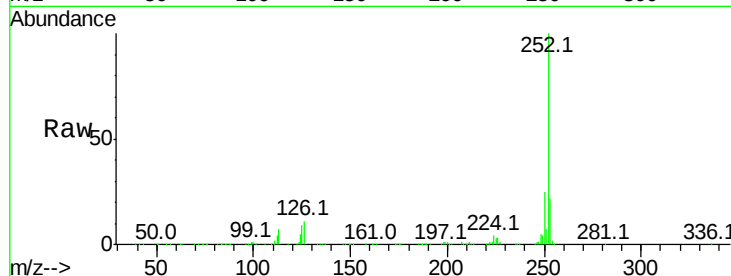
#89
Benzo(a)pyrene
Concen: 31.34 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.0	8.9	13.3

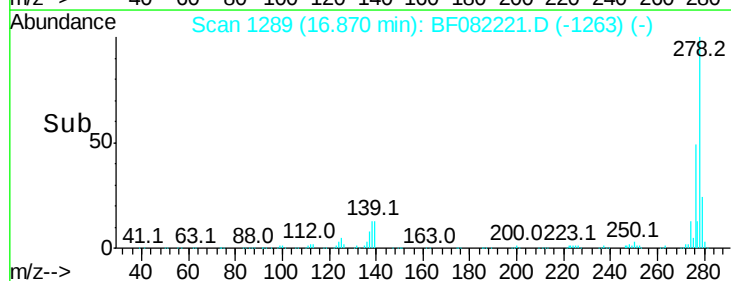
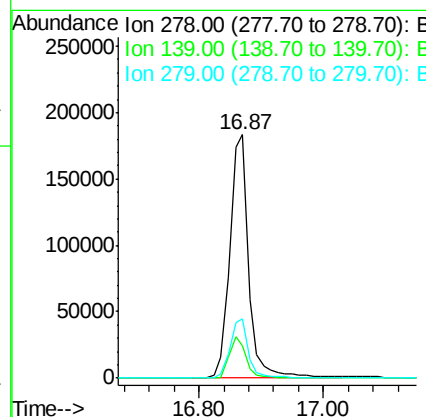
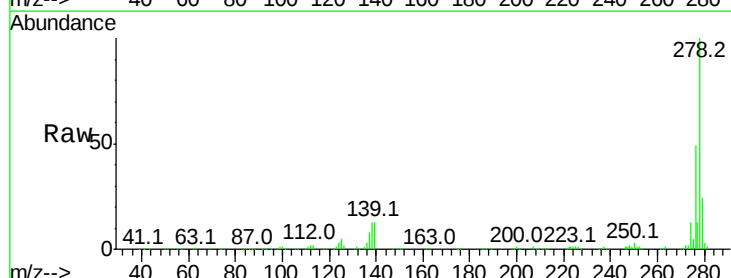
Manual Integrations
APPROVED

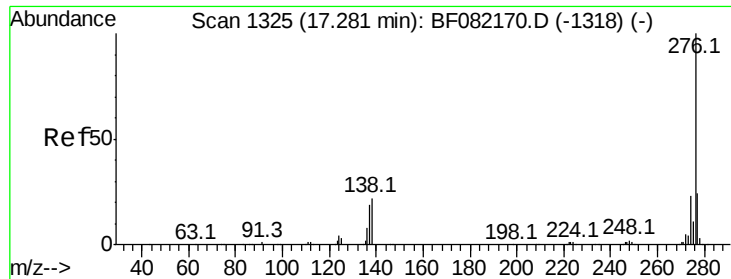
MMdadoda
10/13/2015 1:27:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 28.67 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	13.3	19.9#
279	24.2	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 29.26 ng
 RT: 17.27 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:	276	Resp:	384723
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	22.8	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:35 PM

