

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082184.D
 Acq On : 10 Oct 2015 19:09
 Operator : UM/IZ
 Sample : G3979-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:35:24 PM

Quant Time: Oct 12 02:44:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96686m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	386526	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197043	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	377514	20.00	ng	0.00
75) Chrysene-d12	14.01	240	332251	20.00	ng	0.00
86) Perylene-d12	15.44	264	262340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	632540	132.04	ng	0.02
7) Phenol-d6	6.48	99	814722	130.68	ng	0.00
23) Nitrobenzene-d5	7.42	82	591900	102.84	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	269026	145.58	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1224738	103.08	ng	0.00
78) Terphenyl-d14	12.96	244	1232757	98.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	84581	35.14	ng	# 83
3) Pyridine	3.29	79	132426	23.66	ng	97
4) n-Nitrosodimethylamine	3.22	42	102042	42.98	ng	98
6) Aniline	6.50	93	172298m	21.44	ng	
8) 2-Chlorophenol	6.63	128	269742	46.12	ng	90
9) Benzaldehyde	6.39	77	92181	28.95	ng	99
10) Phenol	6.49	94	259902	36.16	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	294212	48.40	ng	95
12) 1,3-Dichlorobenzene	6.78	146	272395m	39.99	ng	
13) 1,4-Dichlorobenzene	6.86	146	290098	40.79	ng	99
14) 1,2-Dichlorobenzene	7.01	146	253404	37.52	ng	100
15) Benzyl Alcohol	6.99	79	214242	49.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	369069	43.60	ng	93
17) 2-Methylphenol	7.11	107	212810	46.02	ng	97
18) Hexachloroethane	7.35	117	96053	39.45	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	195682	44.70	ng	96
20) 3+4-Methylphenols	7.26	107	250327	45.42	ng	96
22) Acetophenone	7.26	105	360828	47.19	ng	97
24) Nitrobenzene	7.43	77	260878	41.87	ng	99
25) Isophorone	7.67	82	529870	45.61	ng	100
26) 2-Nitrophenol	7.75	139	157967	50.78	ng	98
27) 2,4-Dimethylphenol	7.78	122	236908	47.27	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	337052	49.87	ng	100
29) 2,4-Dichlorophenol	7.99	162	258291	51.55	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	261137	45.22	ng	98
31) Naphthalene	8.15	128	773638	46.17	ng	100
32) Benzoic acid	7.93	122	162889	48.42	ng	97
33) 4-Chloroaniline	8.21	127	119315	17.15	ng	97
34) Hexachlorobutadiene	8.26	225	157884	43.88	ng	99
35) Caprolactam	8.58	113	61012m	41.96	ng	
36) 4-Chloro-3-methylphenol	8.70	107	256598	52.37	ng	86
37) 2-Methylnaphthalene	8.85	142	570389	49.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	263392	44.94	ng	98
40) Hexachlorocyclopentadiene	8.99	237	278530	92.47	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	174829	44.91	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	203129	48.17	ng #	94
45) 1,1'-Biphenyl	9.30	154	658079	43.80	ng	99
46) 2-Chloronaphthalene	9.34	162	553602	46.80	ng	99
47) 2-Nitroaniline	9.44	65	159611	49.15	ng #	64
48) Acenaphthylene	9.75	152	852645	46.27	ng	100
49) Dimethylphthalate	9.61	163	639757	46.11	ng	99
50) 2,6-Dinitrotoluene	9.68	165	149364	51.02	ng	93
51) Acenaphthene	9.92	154	496275	44.86	ng	100
52) 3-Nitroaniline	9.85	138	83145	25.14	ng	99
53) 2,4-Dinitrophenol	9.95	184	163813	98.52	ng #	85
54) Dibenzofuran	10.09	168	704891	46.41	ng	97
55) 4-Nitrophenol	10.02	139	196743	84.26	ng	95
56) 2,4-Dinitrotoluene	10.08	165	167741	45.84	ng #	87
57) Fluorene	10.43	166	579067	46.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166353	48.28	ng	96
59) Diethylphthalate	10.31	149	621898	48.08	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	266575	46.66	ng	99
61) 4-Nitroaniline	10.47	138	140026	43.65	ng	95
62) Azobenzene	10.58	77	591425	46.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	103921	49.05	ng	80
65) n-Nitrosodiphenylamine	10.55	169	495732	43.86	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	176237	46.65	ng	98
67) Hexachlorobenzene	10.98	284	196975	48.21	ng	95
68) Atrazine	11.07	200	166707	46.55	ng	98
69) Pentachlorophenol	11.18	266	212929	101.27	ng	98
70) Phenanthrene	11.40	178	823471	44.50	ng	100
71) Anthracene	11.45	178	976052	51.19	ng	99
72) Carbazole	11.61	167	828874	47.65	ng	98
73) Di-n-butylphthalate	11.93	149	959683	44.72	ng	100
74) Fluoranthene	12.58	202	912622	45.92	ng	98
76) Benzidine	12.71	184	74701	7.76	ng	100
77) Pyrene	12.81	202	914462	46.38	ng	99
79) Butylbenzylphthalate	13.43	149	410708	45.64	ng	96
80) Benzo(a)anthracene	14.00	228	807530	46.71	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	212115	32.33	ng	100
82) Chrysene	14.05	228	766938	42.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	633932	49.38	ng	100
84) Di-n-octyl phthalate	14.61	149	1035441	46.97	ng	99
85) Indeno(1,2,3-cd)pyrene	16.86	276	646401	44.65	ng	99
87) Benzo(h)fluoranthene	15.03	252	837816m	52.49	ng	
88) Benzo(k)fluoranthene	15.06	252	574048m	42.79	ng	
89) Benzo(a)pyrene	15.38	252	675998	49.28	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	542695	48.28	ng	99
91) Benzo(g,h,i)perylene	17.28	276	530645	48.59	ng	99

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

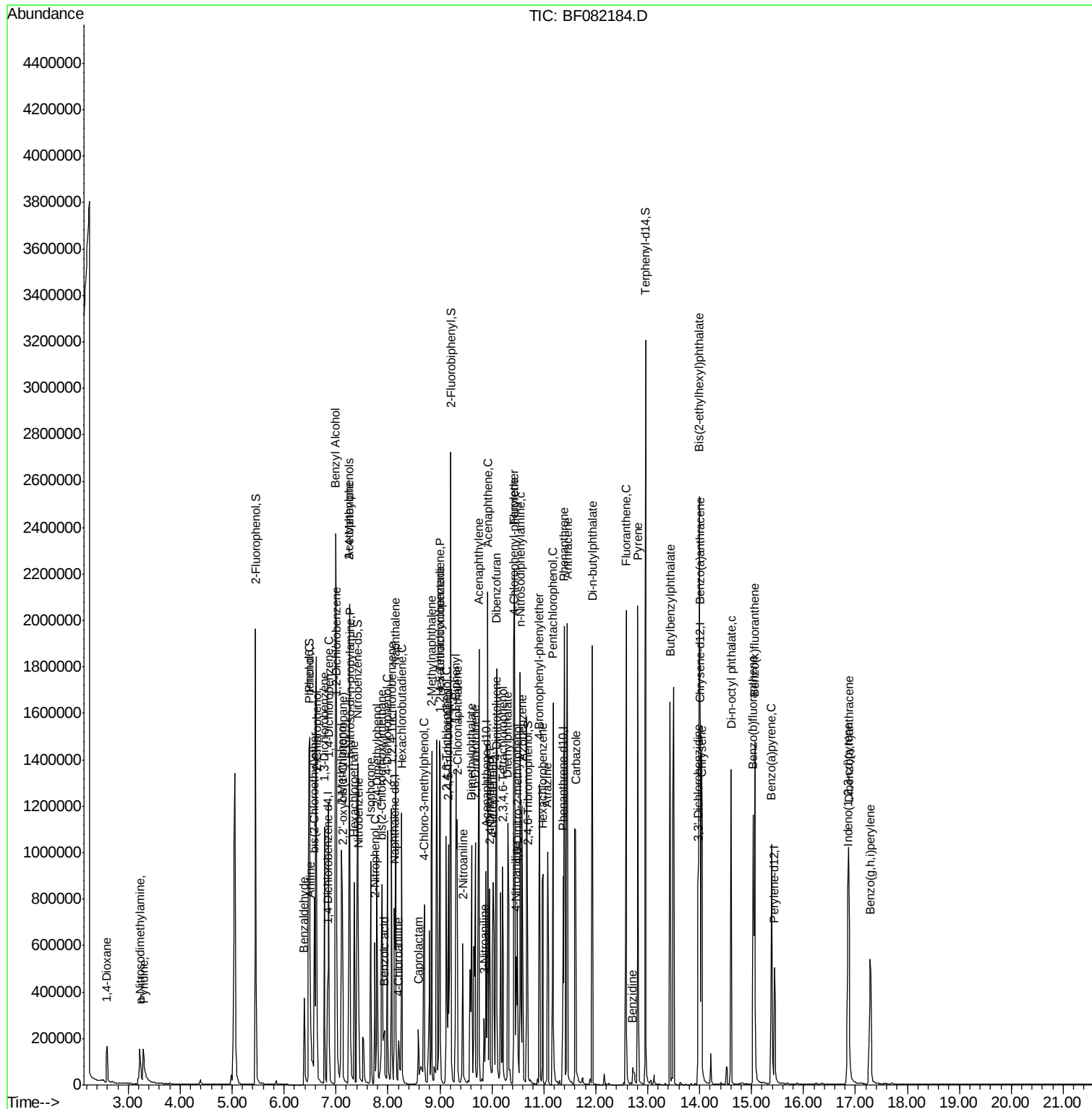
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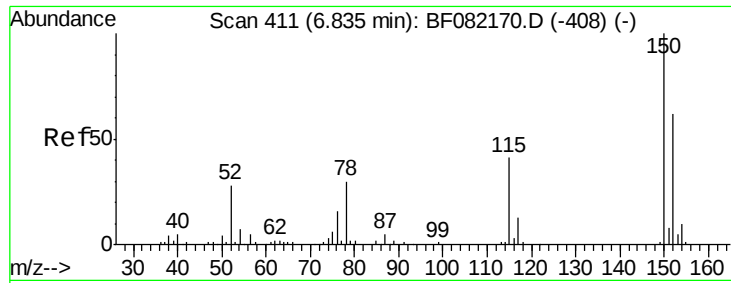
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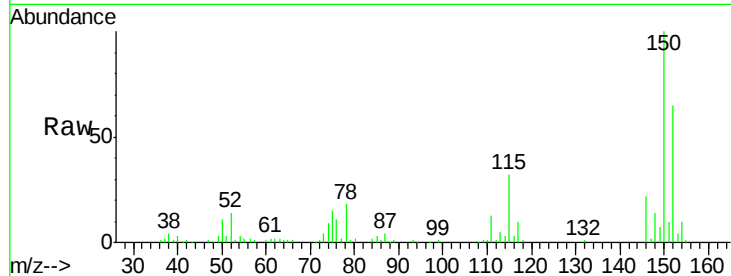




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

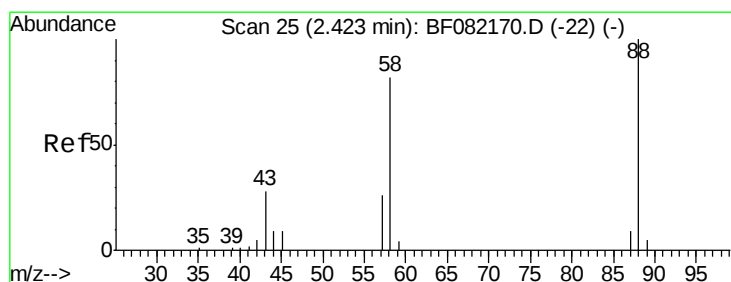
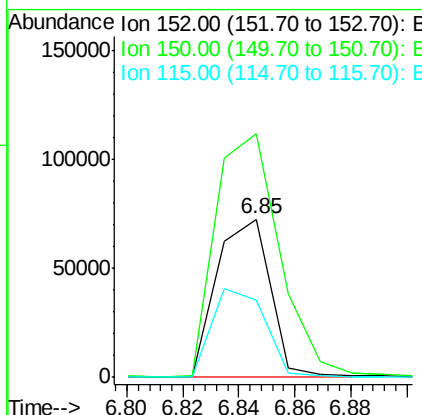
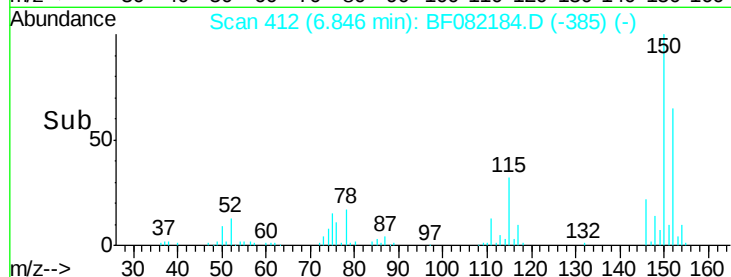
Instrument :
BNA_F
ClientSampleId :
A13COMPMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	129.0	193.4
115	49.2	52.1	78.1#

Manual Integrations
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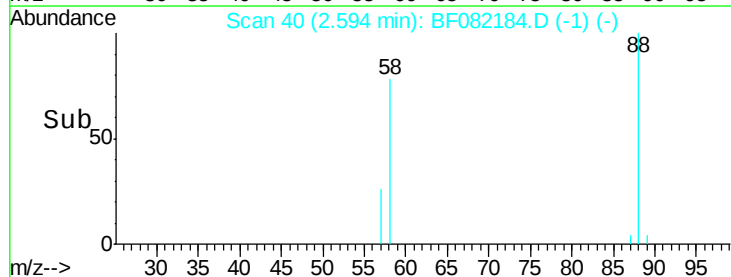
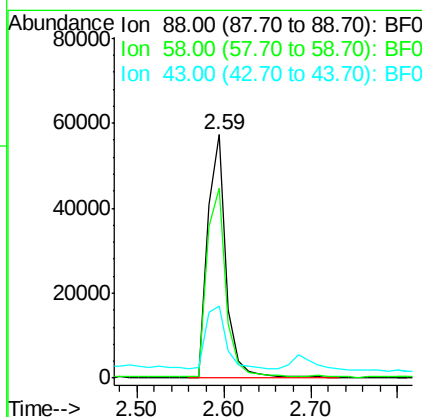
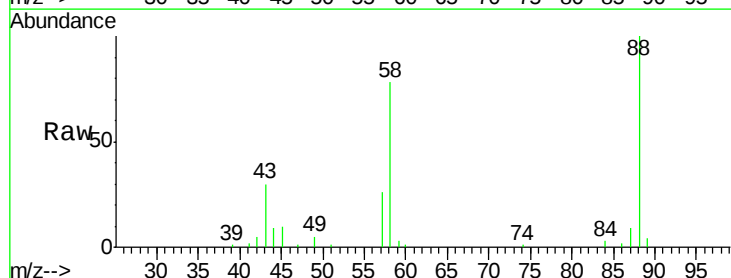
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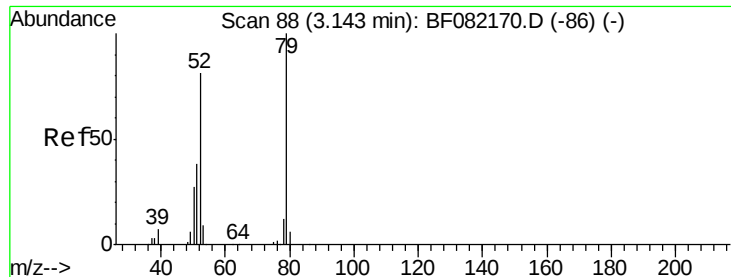


#2

1,4-Dioxane
Concen: 35.14 ng
RT: 2.59 min Scan# 40
Delta R.T. 0.17 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	66.2	99.4
43	0.0	23.0	34.4#





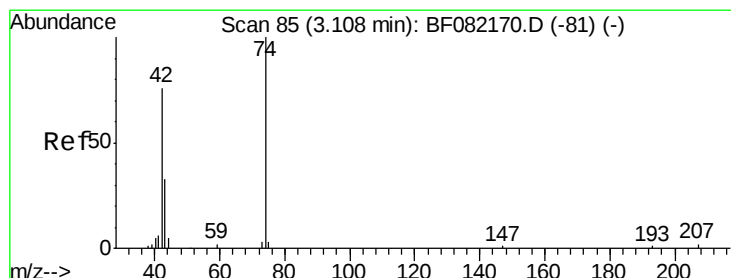
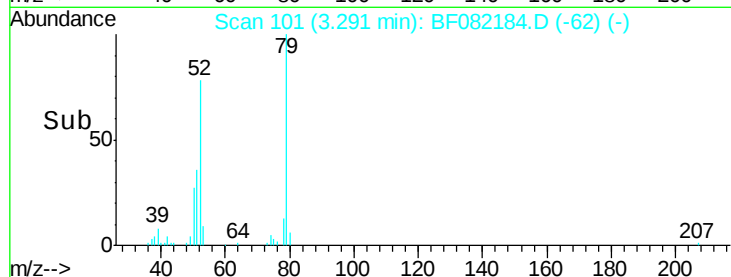
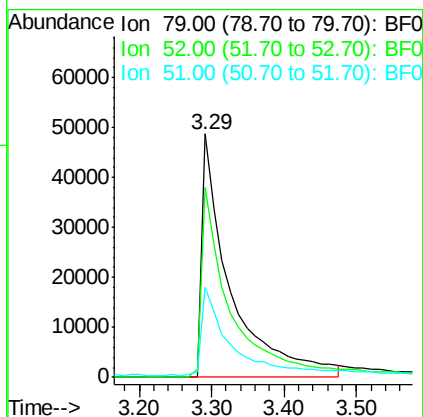
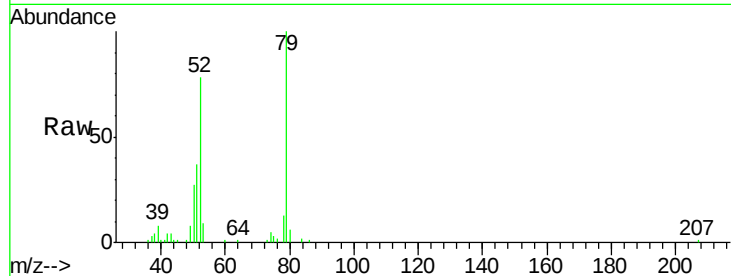
#3
 Pyridine
 Concen: 23.66 ng
 RT: 3.29 min Scan# 101
 Delta R.T. 0.15 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
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 A13COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
52	78.1	64.4	96.6
51	36.8	30.5	45.7

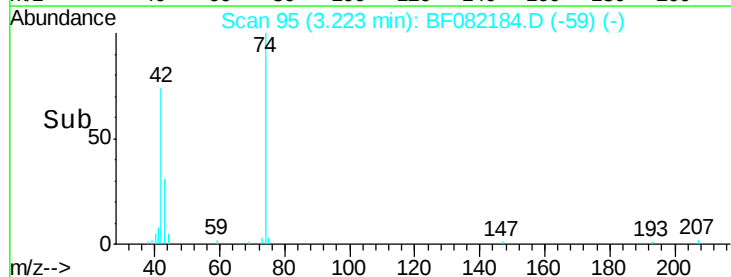
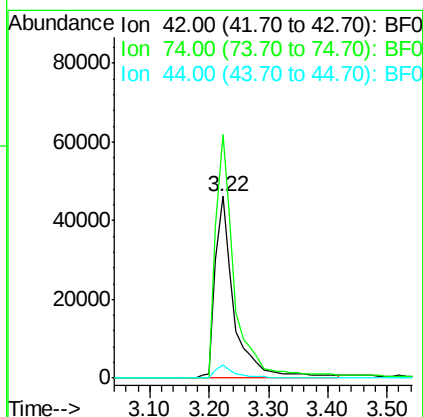
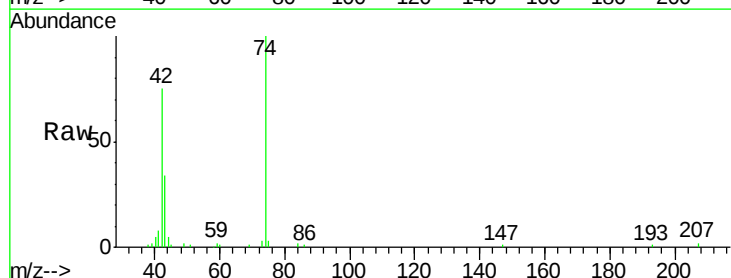
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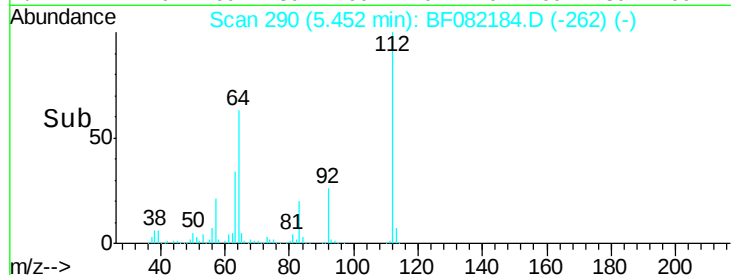
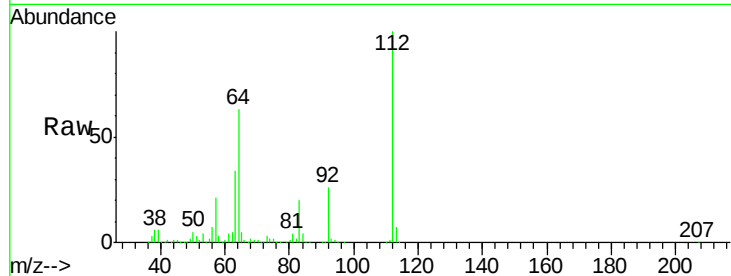
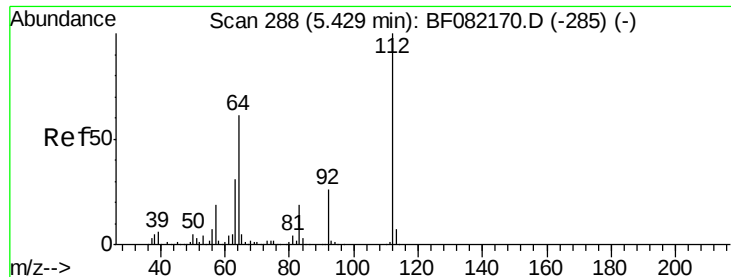
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#4
 n-Nitrosodimethylamine
 Concen: 42.98 ng
 RT: 3.22 min Scan# 95
 Delta R.T. 0.11 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
42	100		
74	134.1	105.7	158.5
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 132.04 ng

RT: 5.45 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF082184.D

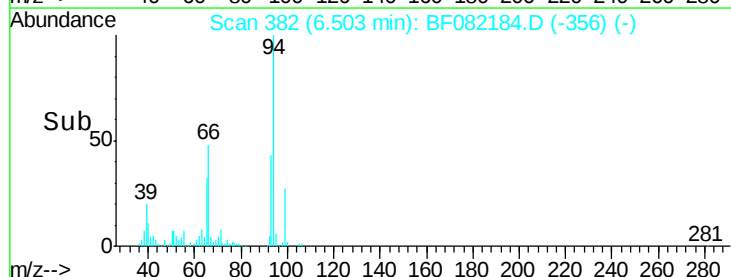
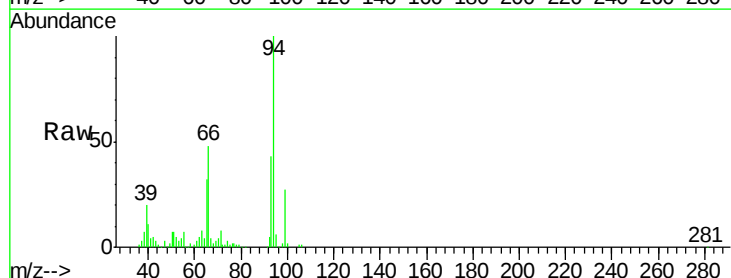
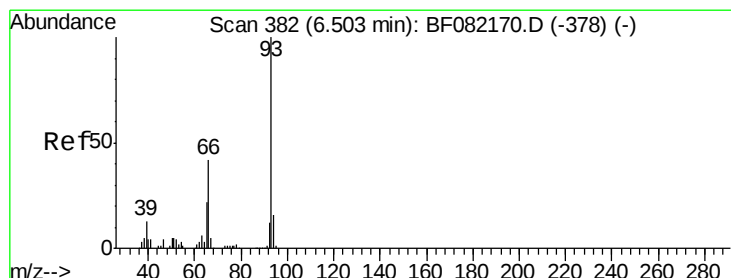
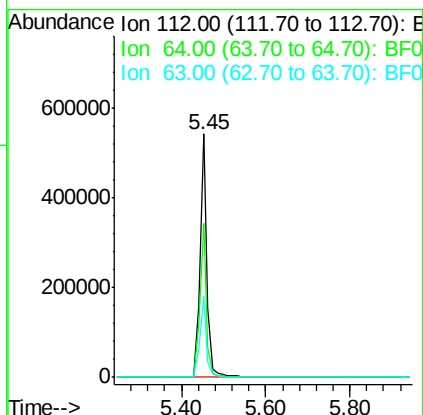
Acq: 10 Oct 2015 19:09

Tgt Ion:	112	Resp:	632540
Ion Ratio	Lower	Upper	
112	100		
64	63.4	48.6	73.0
63	33.5	25.1	37.7

Instrument :
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#6

Aniline

Concen: 21.44 ng m

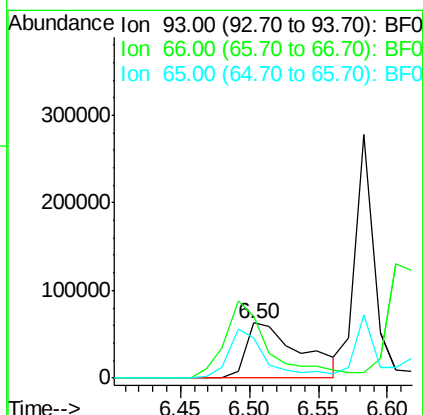
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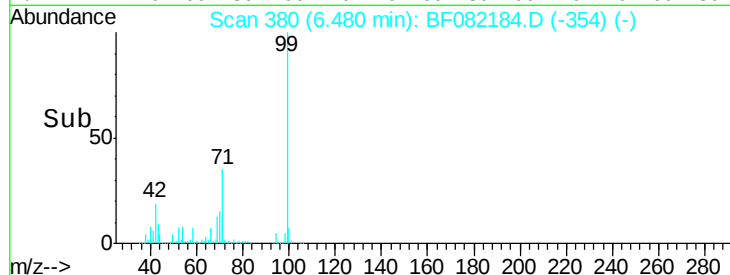
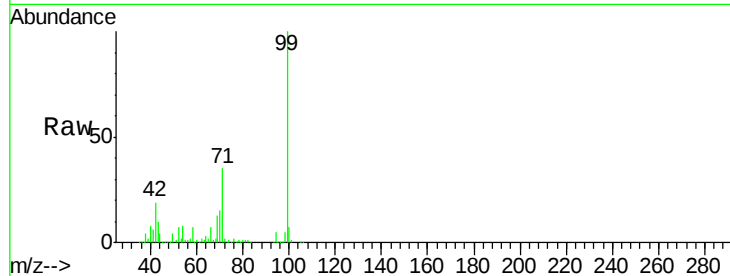
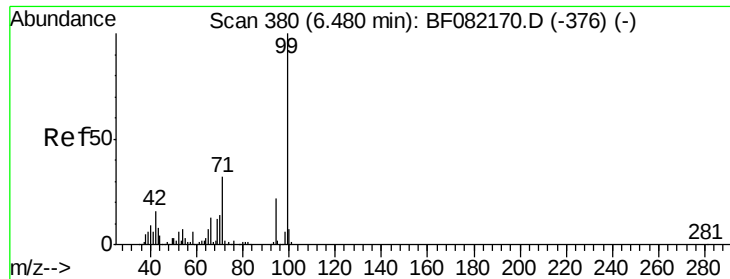
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	93	Resp:	172298
Ion Ratio	Lower	Upper	
93	100		
66	111.8	34.2	51.2#
65	73.1	17.9	26.9#





#7

Phenol-d6

Concen: 130.68 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	99	Resp:	814722
Ion Ratio	Lower	Upper	
99	100		
42	18.7	13.2	19.8
71	34.5	25.6	38.4

Instrument :

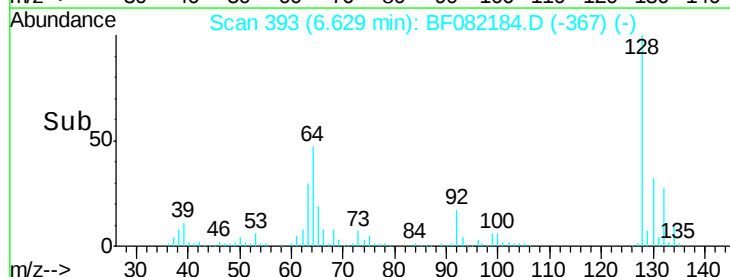
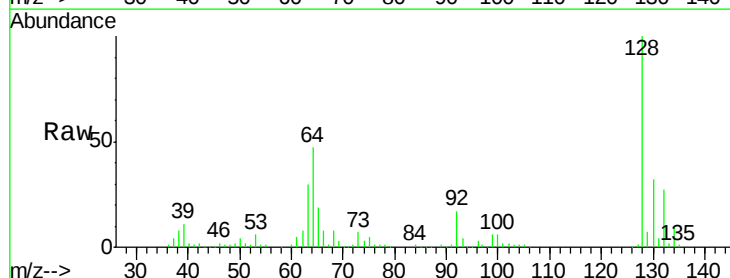
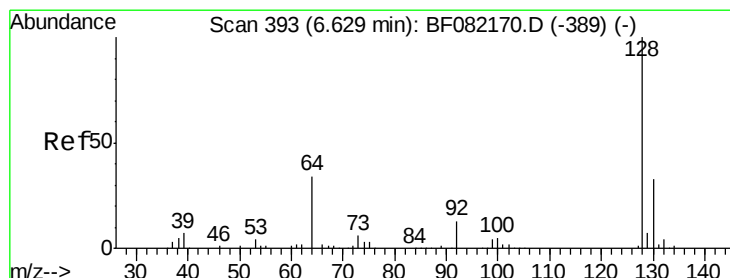
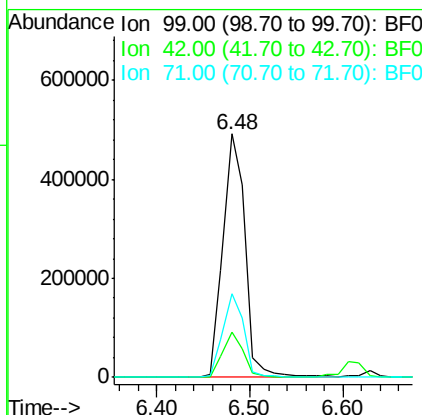
BNA_F

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#8

2-Chlorophenol

Concen: 46.12 ng

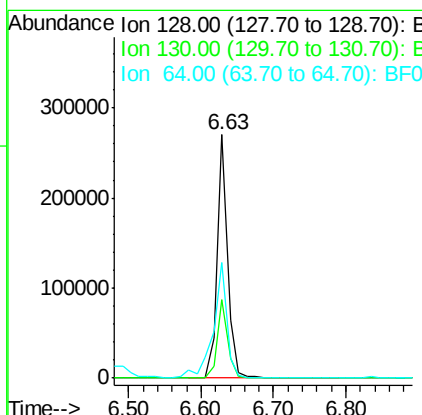
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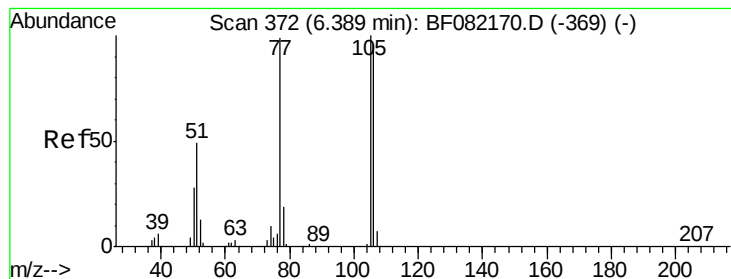
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	128	Resp:	269742
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.6	52.6
64	47.5	16.7	56.7





#9

Benzaldehyde

Concen: 28.95 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

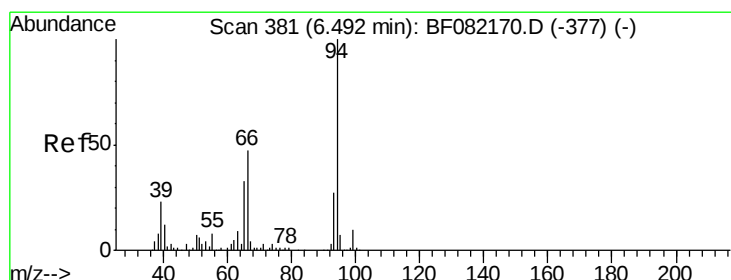
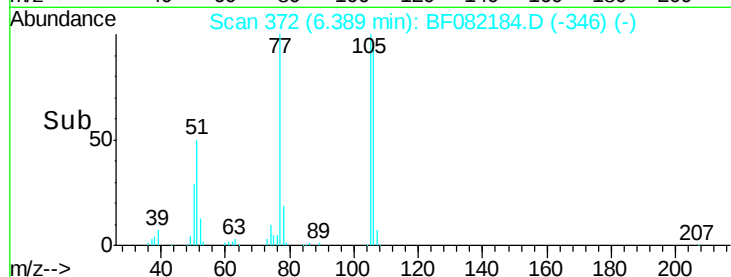
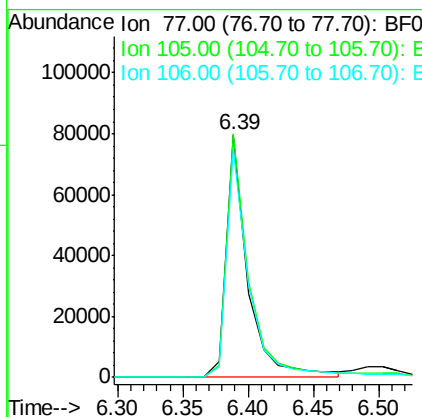
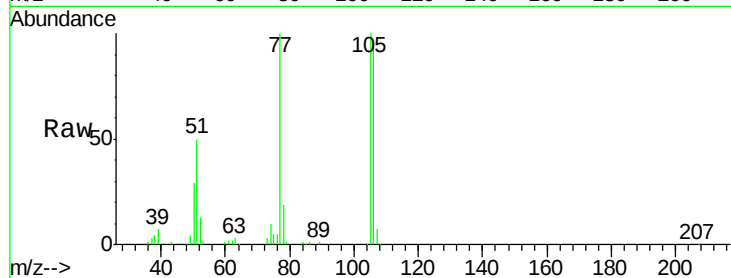
ClientSampleId :

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Tgt Ion:	77	Resp:	92181
Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.6	120.6
106	94.3	75.5	115.5



#10

Phenol

Concen: 36.16 ng

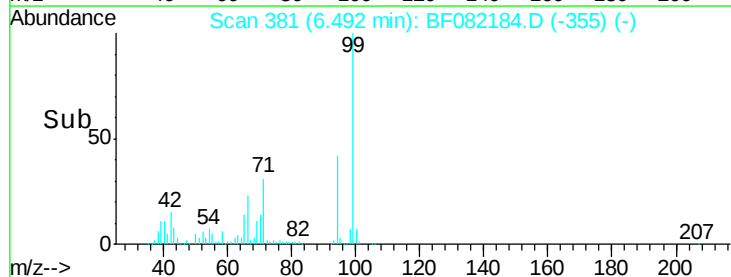
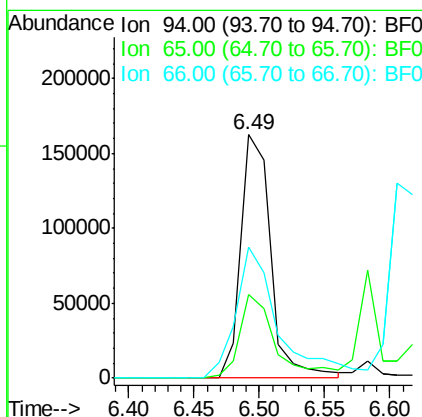
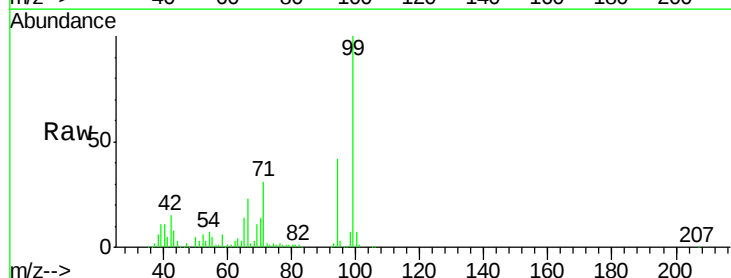
RT: 6.49 min Scan# 381

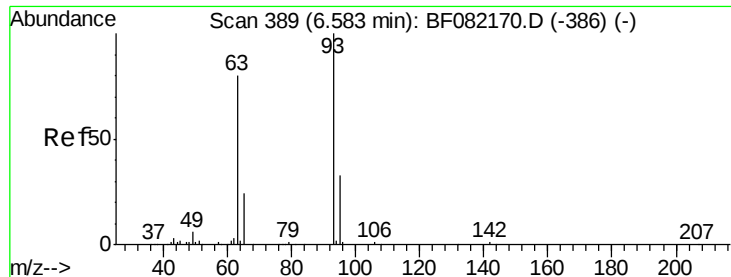
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	94	Resp:	259902
Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.6	52.6
66	53.9	27.3	67.3





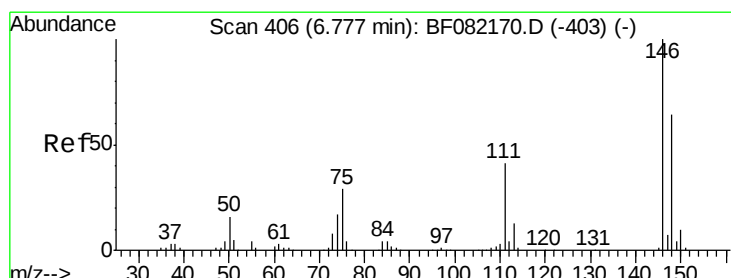
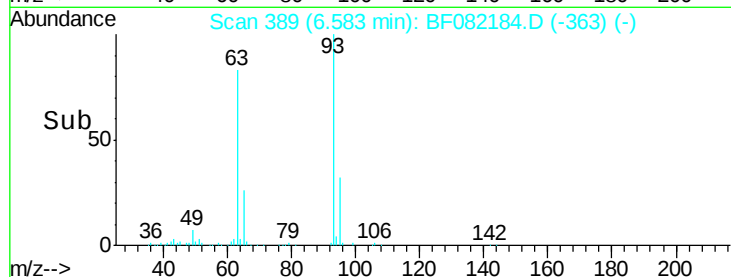
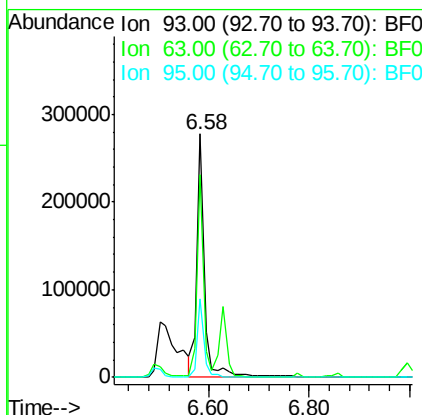
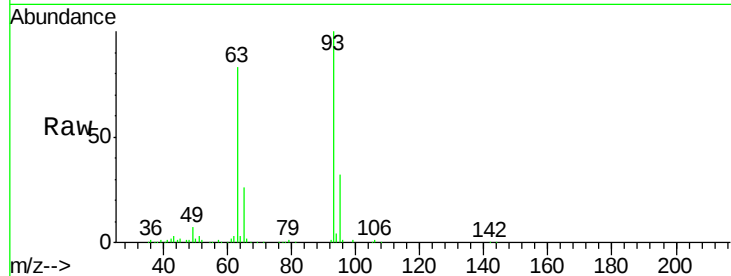
#11
bis(2-Chloroethyl)ether
Concen: 48.40 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	83.1	57.1	97.1
95	32.2	11.9	51.9

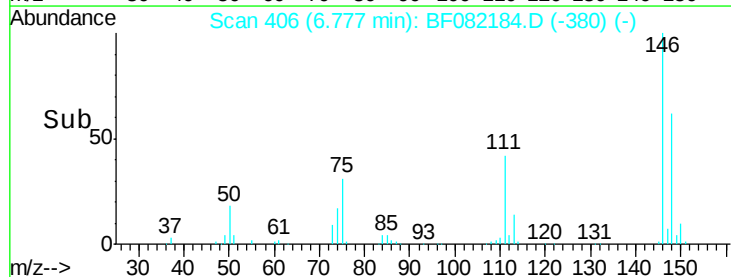
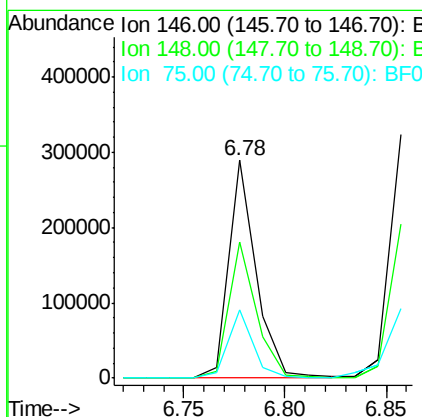
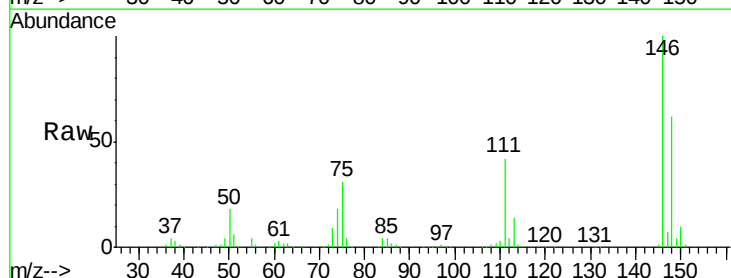
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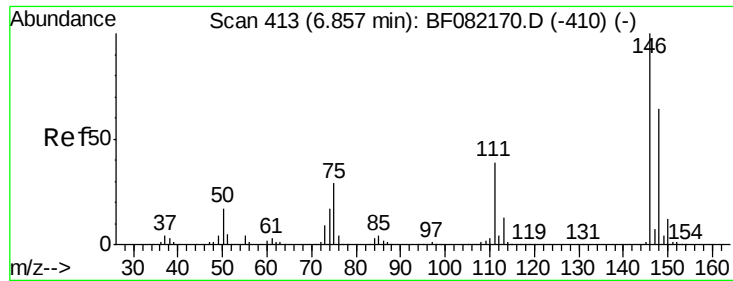
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 39.99 ng m
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.4	51.4	77.2
75	31.3	23.0	34.6





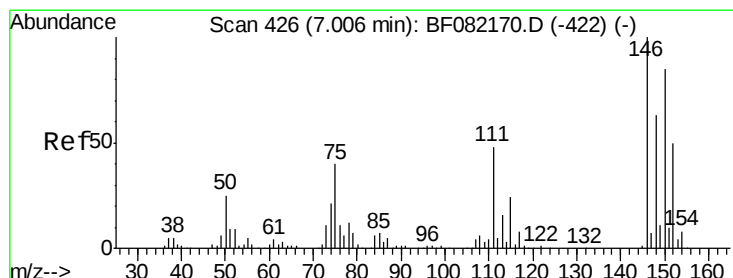
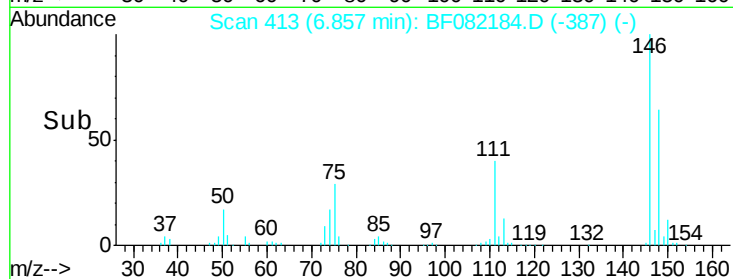
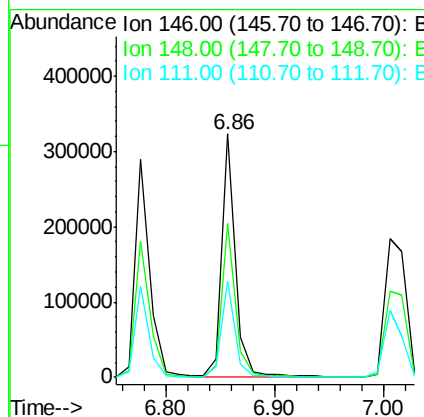
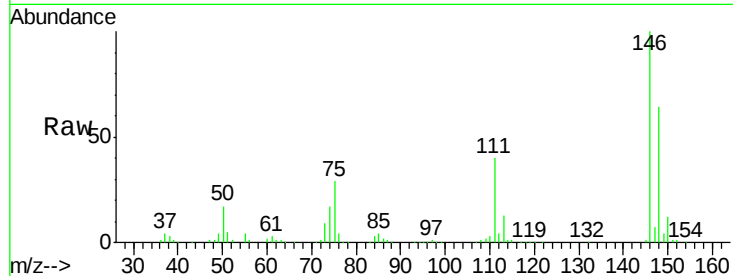
#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.86 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290098		
148	63.5	51.0	76.4	
111	39.7	31.1	46.7	

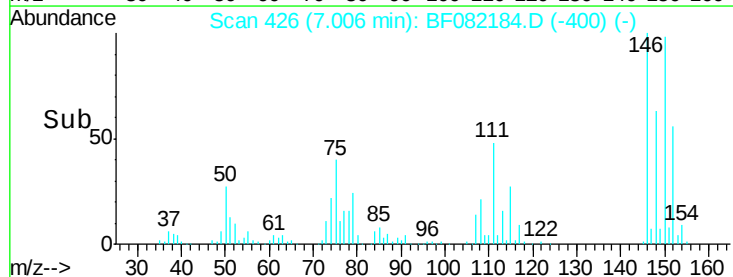
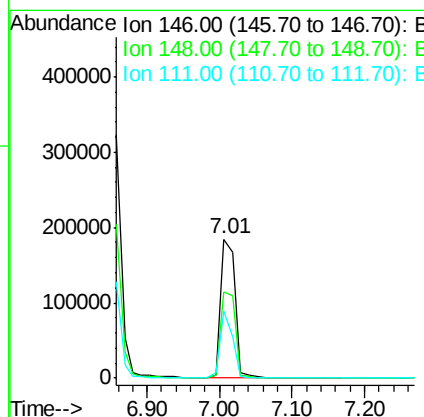
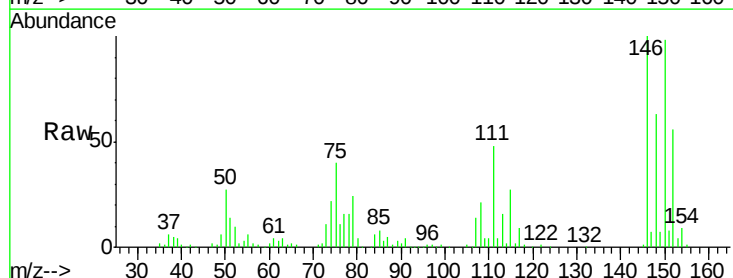
Manual Integrations
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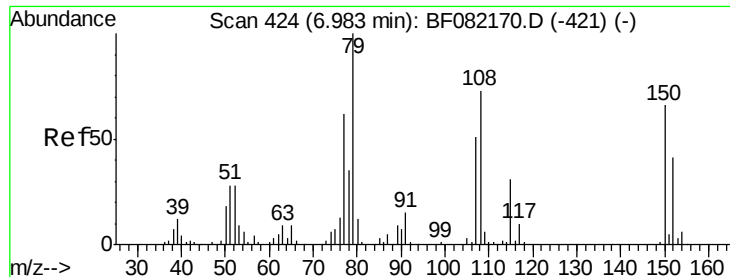
MMDadoda
 10/12/2015 2:35:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.52 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	253404		
148	62.5	50.5	75.7	
111	48.2	38.5	57.7	





#15

Benzyl Alcohol

Concen: 49.78 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

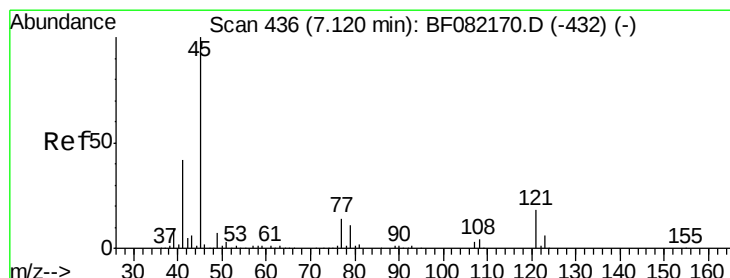
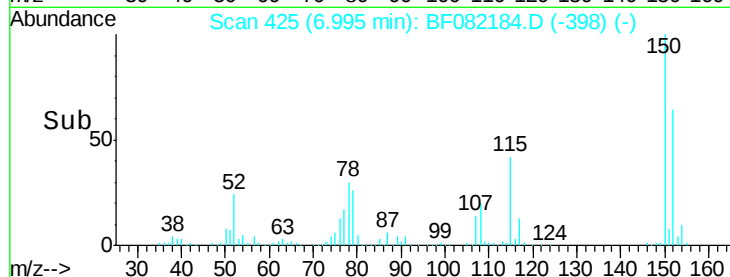
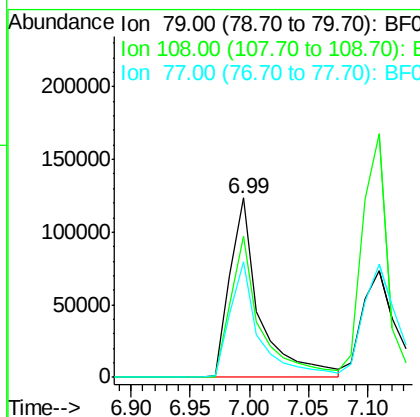
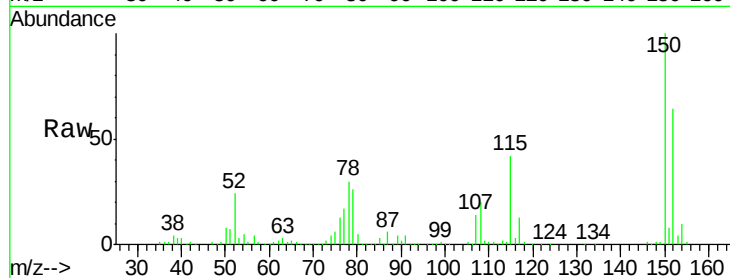
ClientSampleId :

A13COMPMS

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Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.6	58.4	87.6
77	64.7	49.8	74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.60 ng

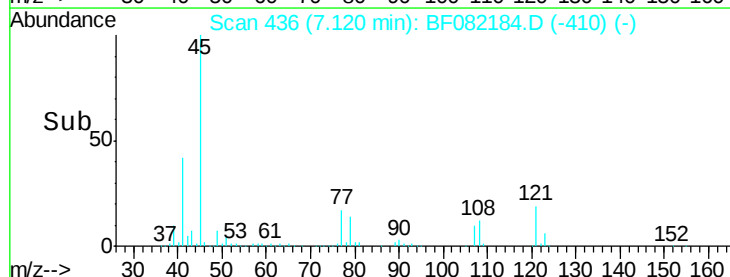
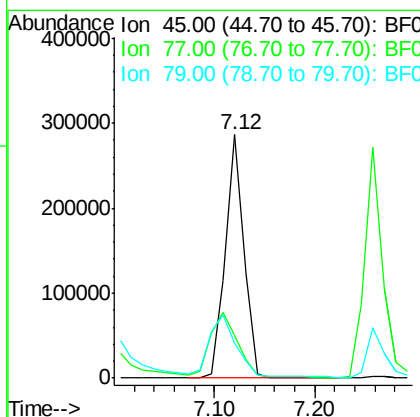
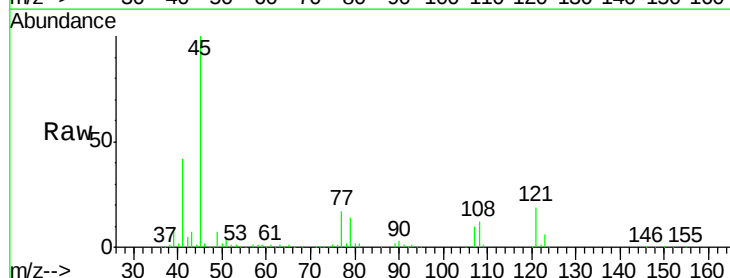
RT: 7.12 min Scan# 436

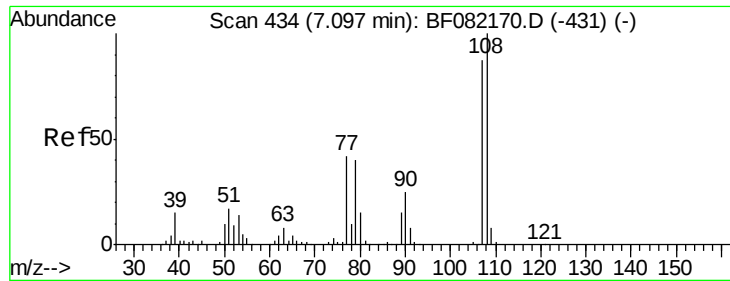
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	34.5
79	14.3	0.0	31.6





#17

2-Methylphenol

Concen: 46.02 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082184.D

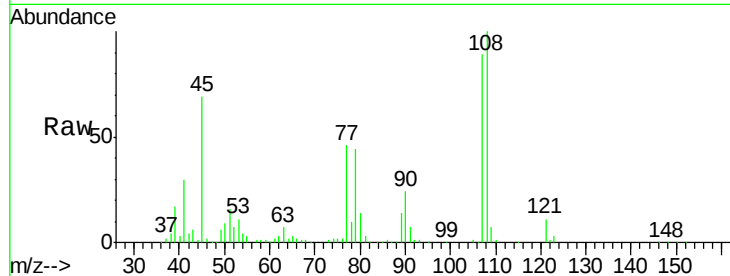
Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

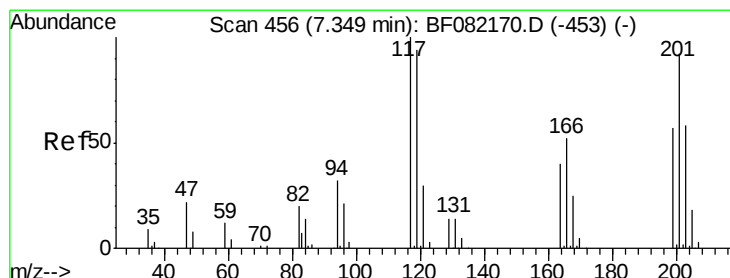
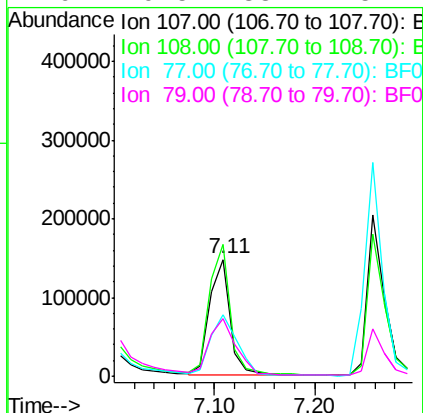
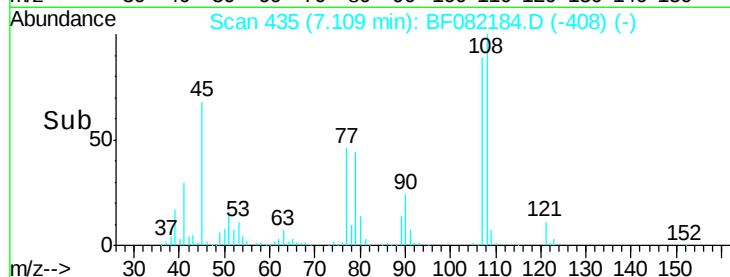
A13COMPMS



Tgt Ion:	107	Resp:	212810
Ion Ratio	Lower	Upper	
107	100		
108	112.6	92.2	138.2
77	52.1	39.6	59.4
79	49.5	38.2	57.4

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#18

Hexachloroethane

Concen: 39.45 ng

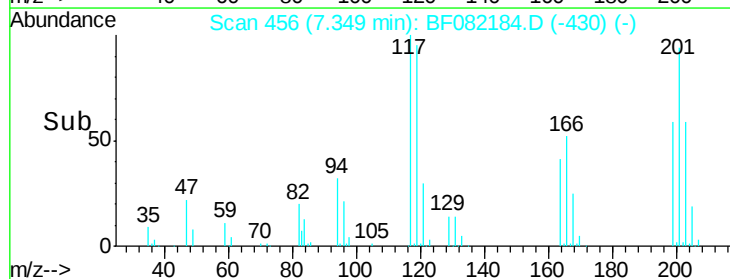
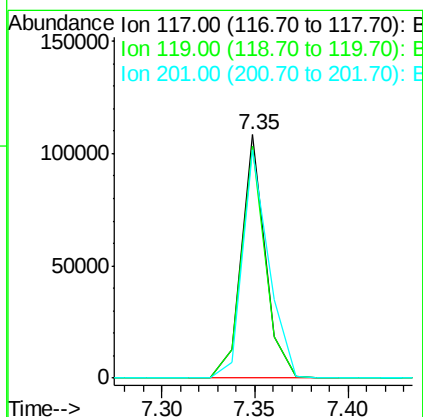
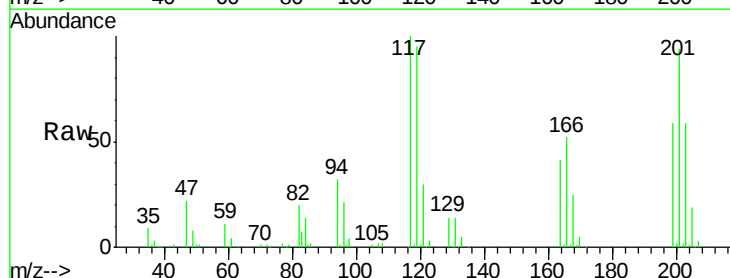
RT: 7.35 min Scan# 456

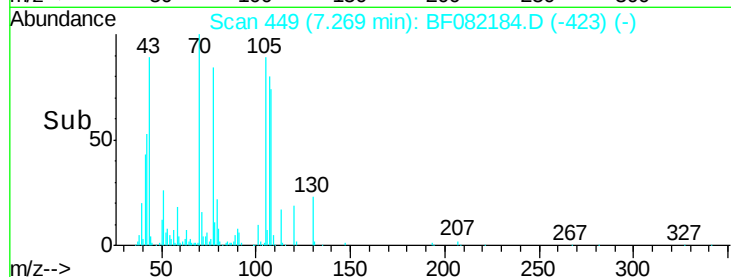
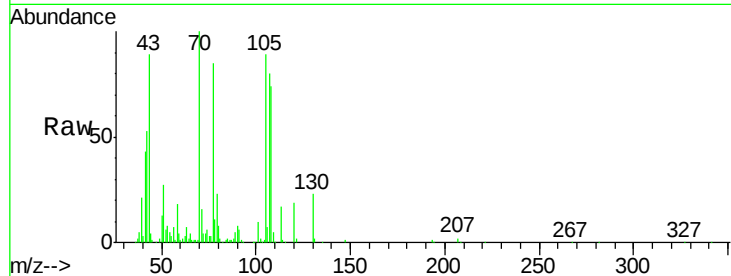
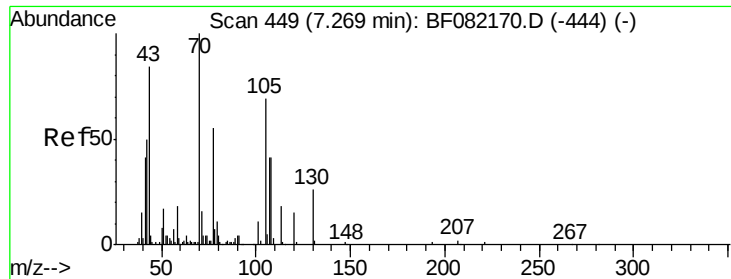
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	117	Resp:	96053
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.4	113.2
201	94.0	73.4	110.0





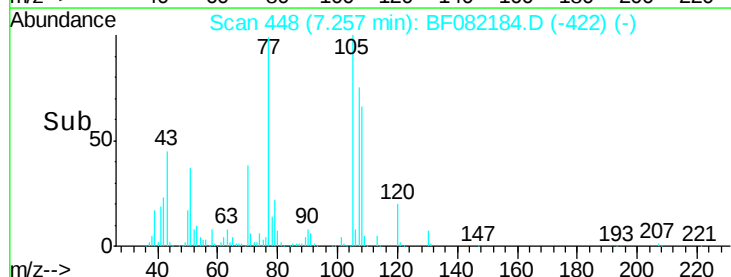
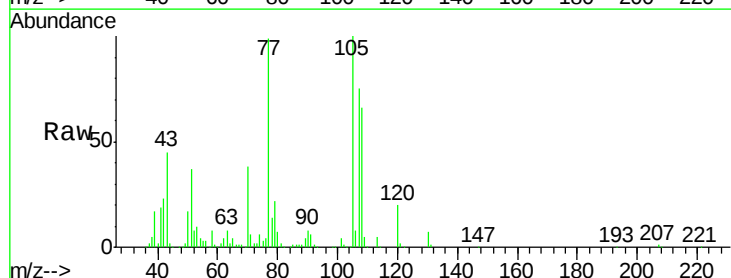
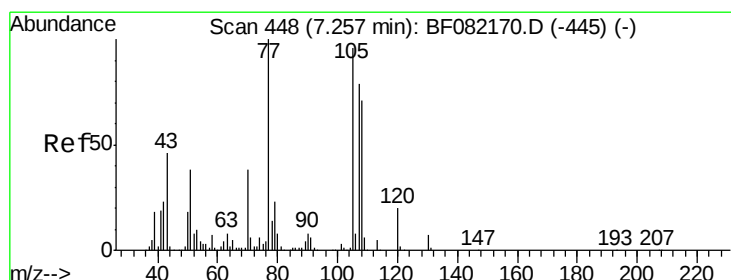
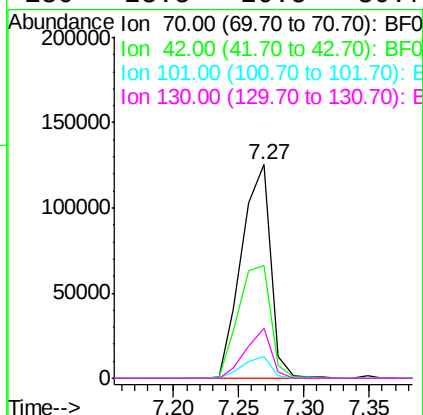
#19
n-Nitroso-di-n-propylamine
Concen: 44.70 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Manual Integrations
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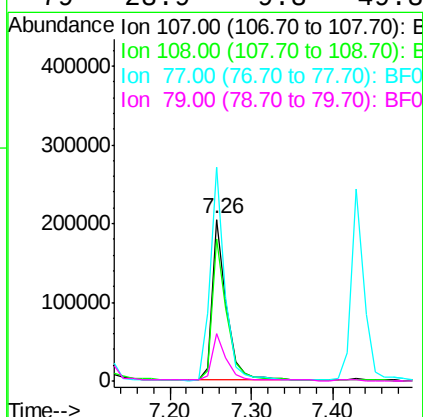
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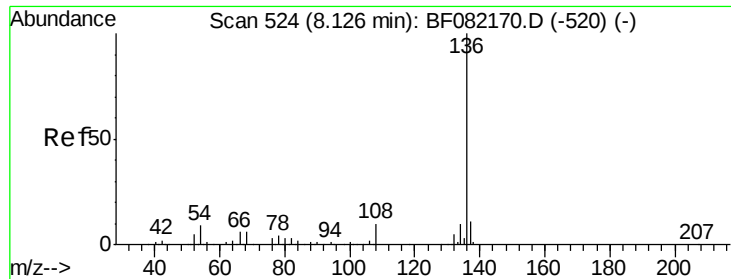
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.9	39.8	59.8
101	10.3	8.6	13.0
130	23.5	20.5	30.7



#20
3+4-Methylphenols
Concen: 45.42 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	131.9	106.0	146.0
79	28.9	9.8	49.8





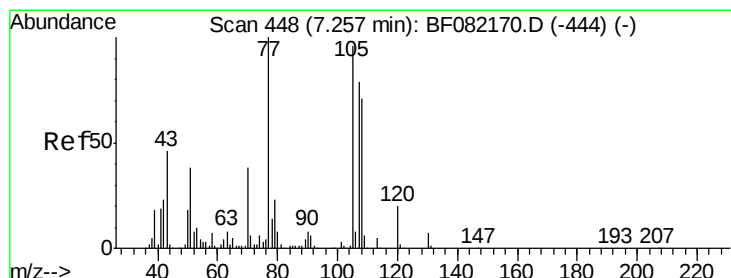
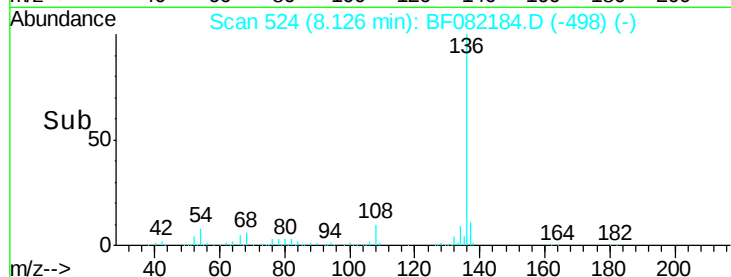
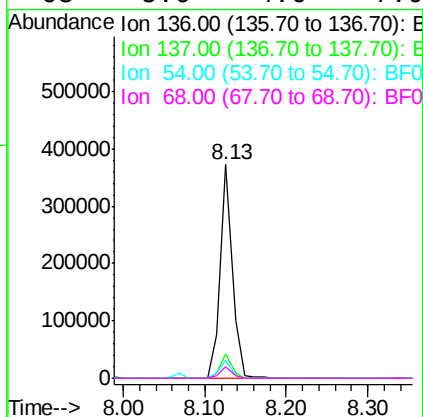
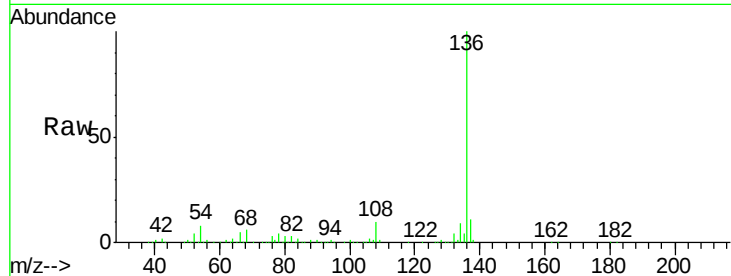
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	386526		
137	11.2	9.0	13.6	
54	8.4	7.5	11.3	
68	5.6	4.6	7.0	

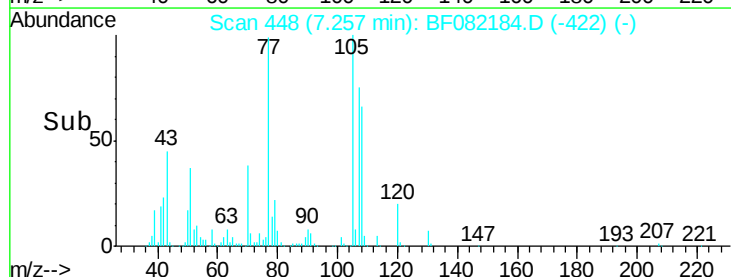
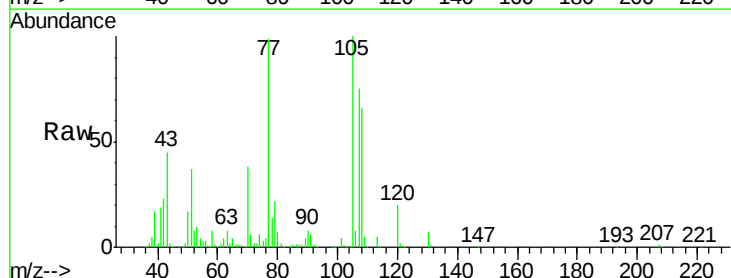
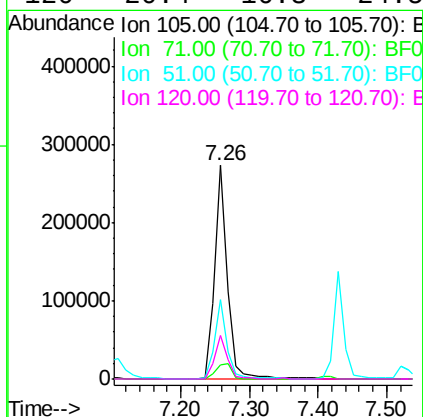
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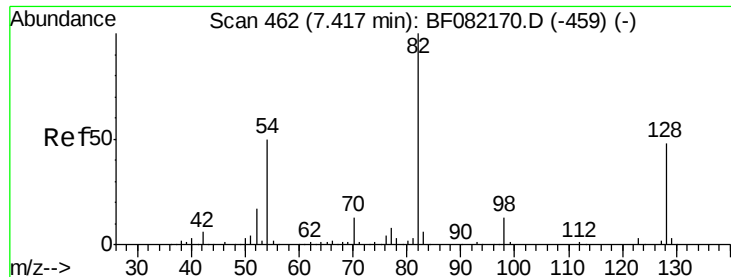
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#22
Acetophenone
Concen: 47.19 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	360828		
71	6.4	5.4	8.0	
51	37.2	31.8	47.6	
120	20.4	16.3	24.5	





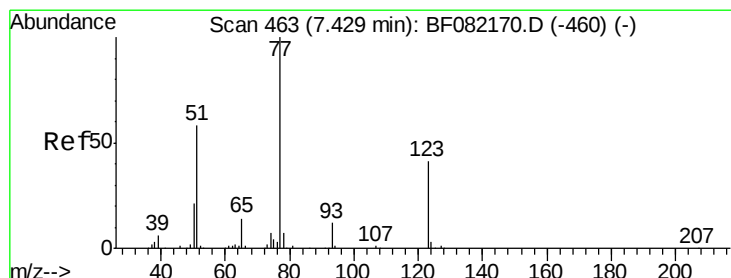
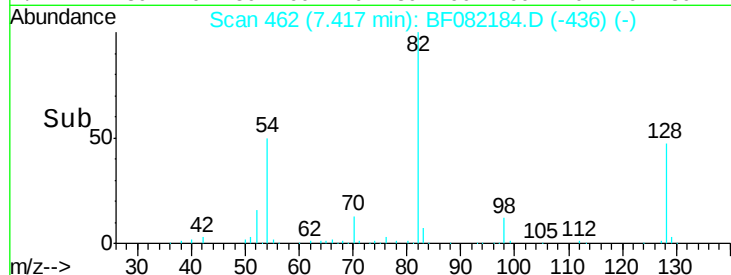
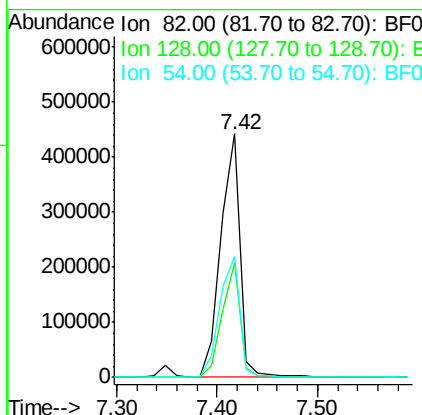
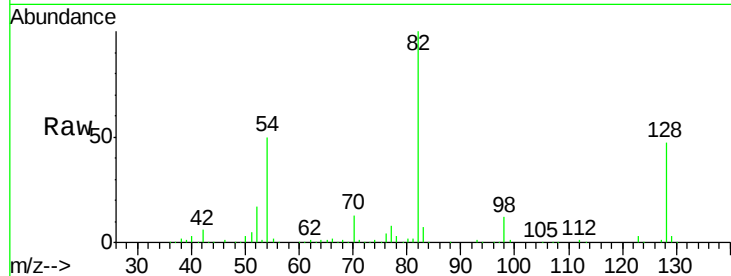
#23
 Nitrobenzene-d5
 Concen: 102.84 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	591900		
128	47.0	38.7	58.1	
54	49.8	40.1	60.1	

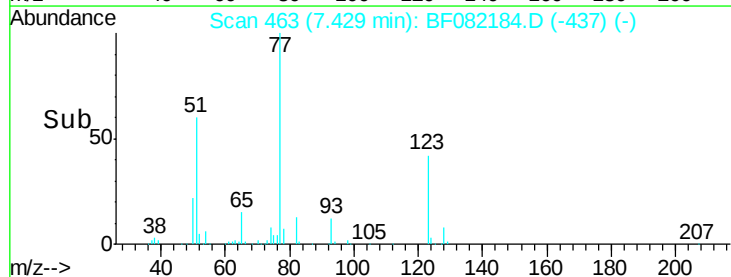
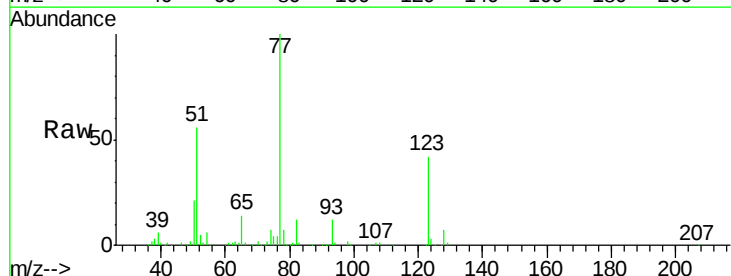
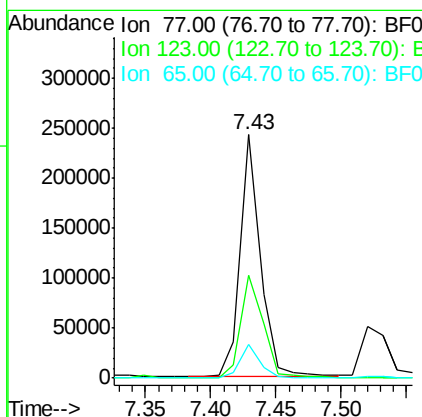
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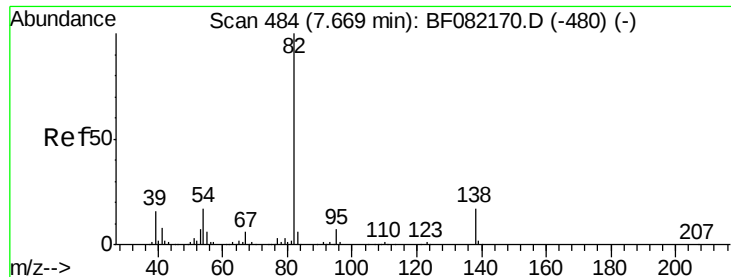
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#24
 Nitrobenzene
 Concen: 41.87 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	260878		
123	42.3	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 45.61 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

A13COMPMS

Tgt Ion: 82 Resp: 529870
Ion Ratio Lower Upper

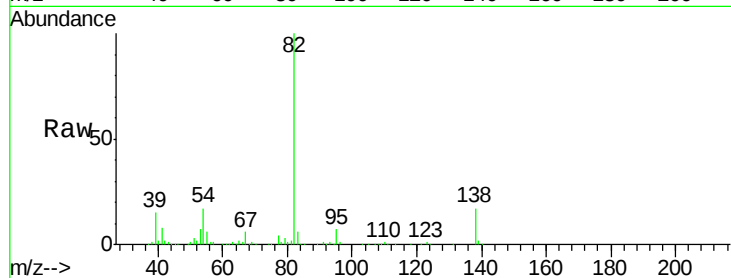
82 100

95 6.9 5.6 8.4

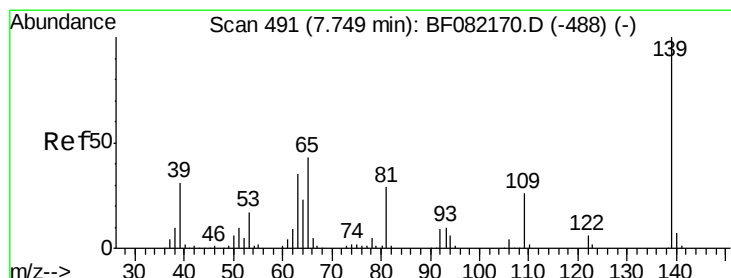
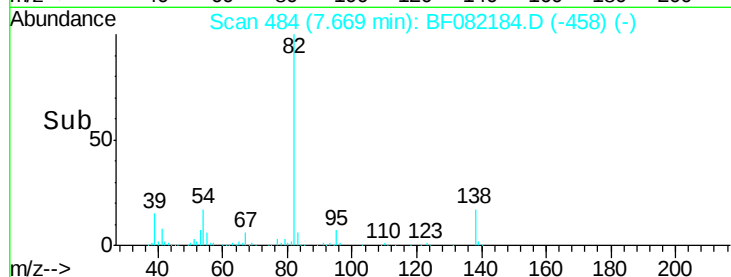
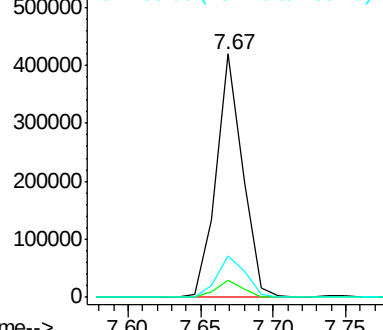
138 16.9 13.6 20.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.78 ng

RT: 7.75 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF082184.D

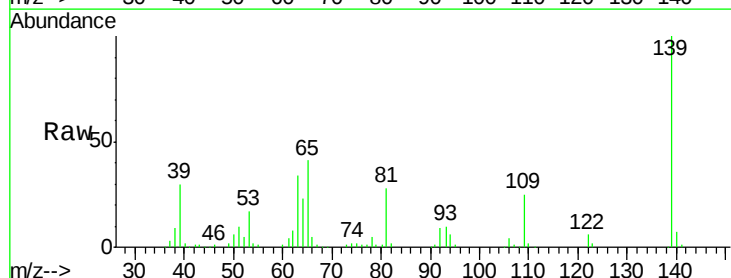
Acq: 10 Oct 2015 19:09

Tgt Ion: 139 Resp: 157967
Ion Ratio Lower Upper

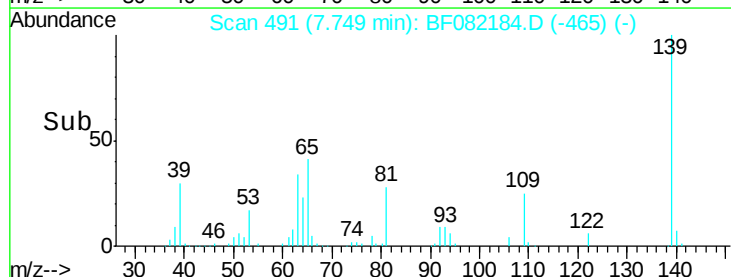
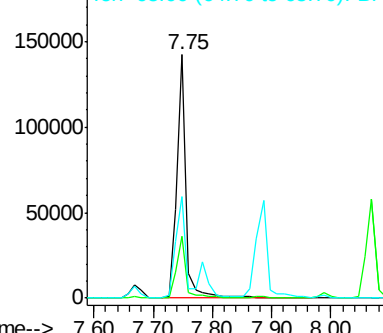
139 100

109 25.2 20.6 31.0

65 41.5 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





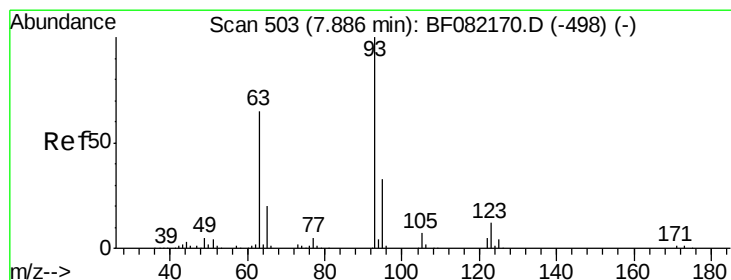
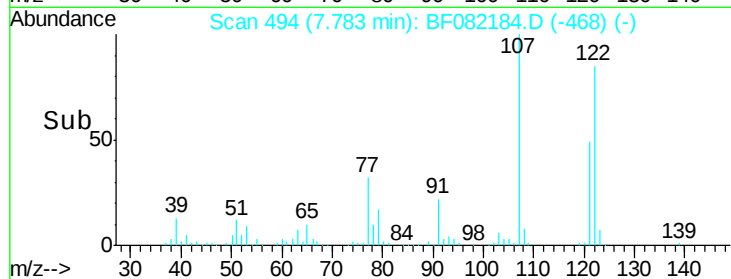
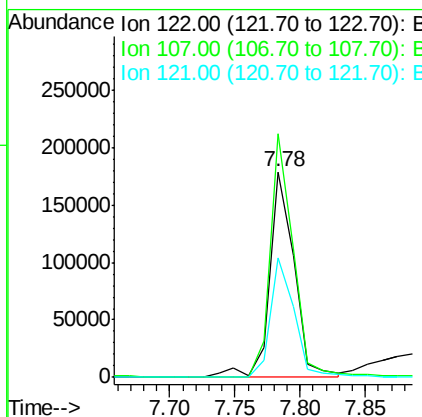
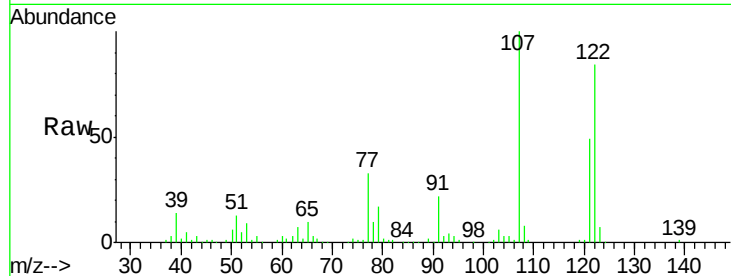
#27
 2,4-Dimethylphenol
 Concen: 47.27 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	236908		
107	118.6	94.0	141.0	
121	58.4	46.8	70.2	

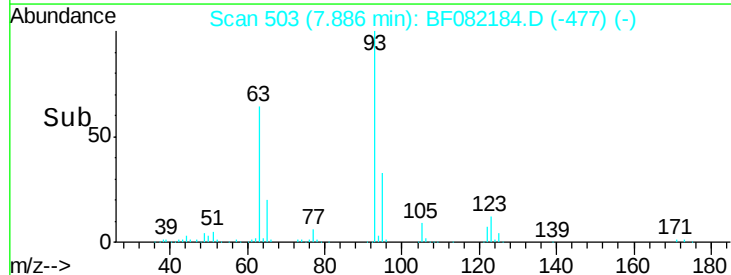
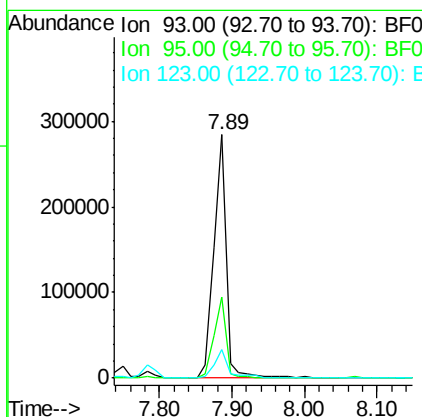
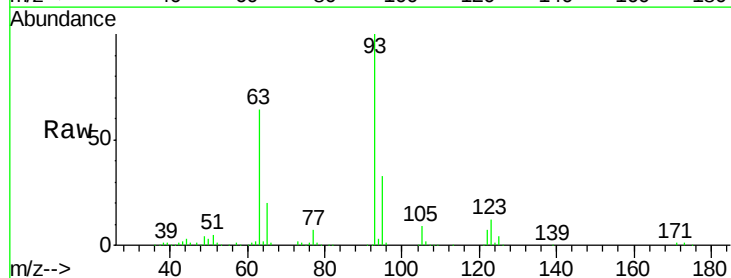
Manual Integrations
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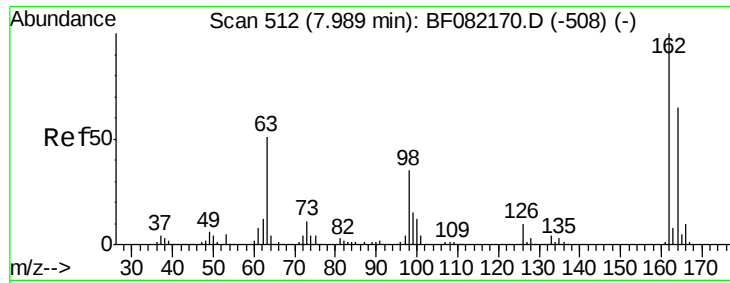
MMDadoda
 10/12/2015 2:35:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.87 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	337052		
95	33.1	26.6	39.8	
123	12.0	9.5	14.3	





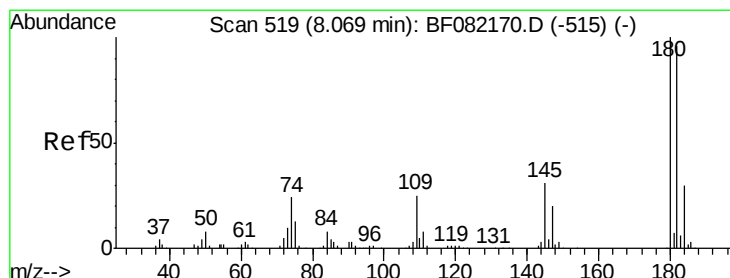
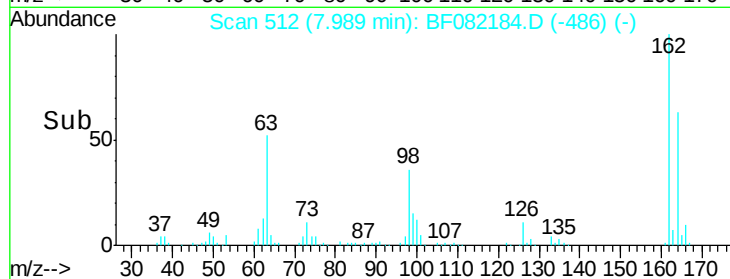
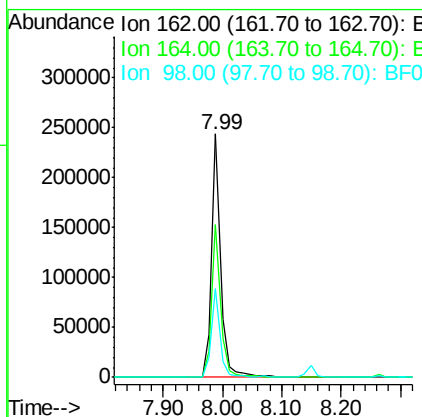
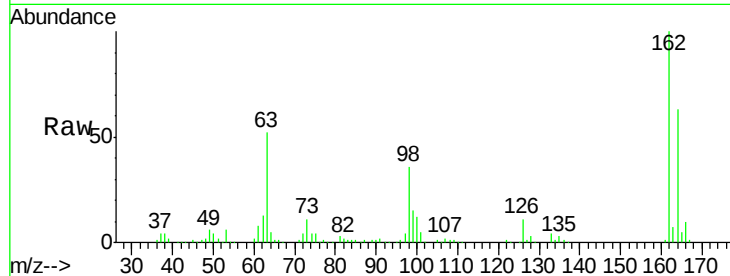
#29
2,4-Dichlorophenol
Concen: 51.55 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	44.6	84.6
98	36.2	15.0	55.0

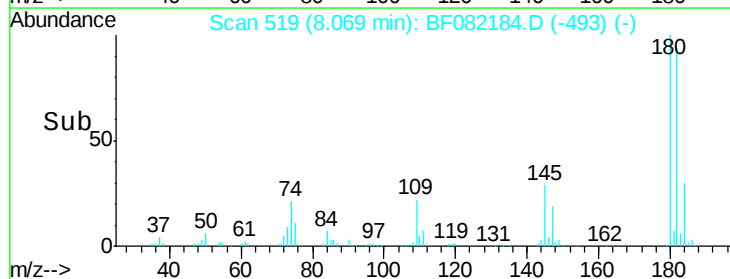
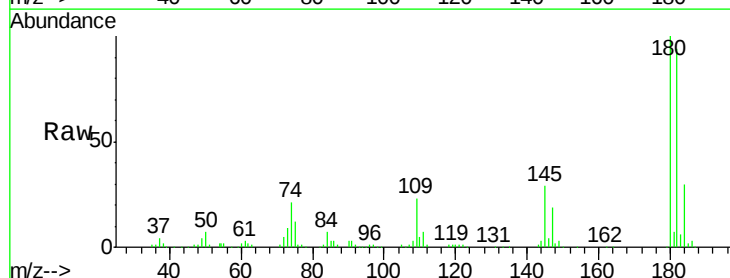
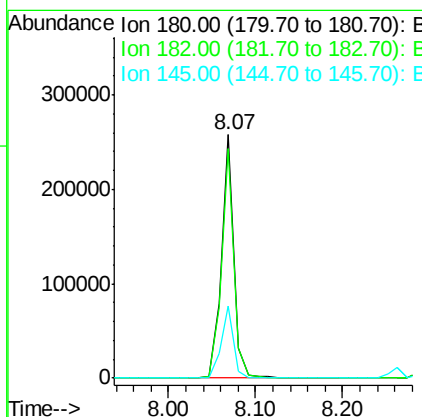
Manual Integrations
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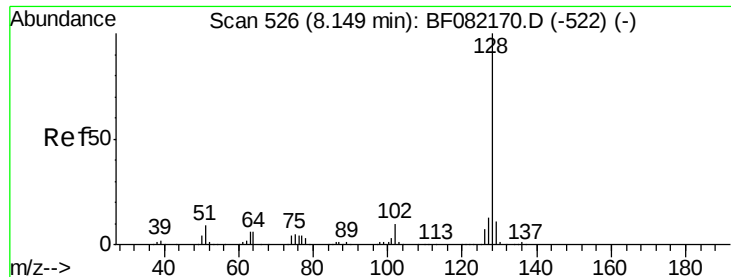
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10/12/2015 2:35:24 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.22 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	77.0	115.4
145	29.4	25.0	37.4





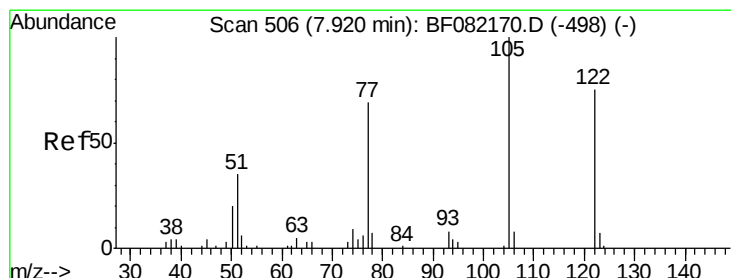
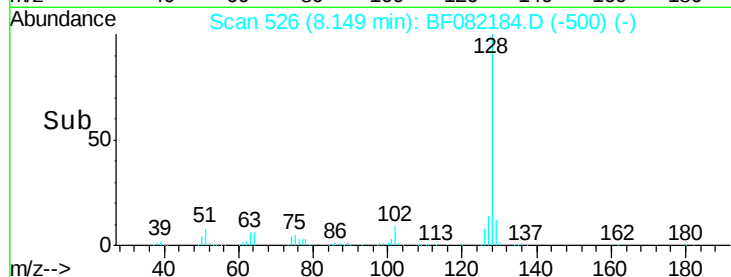
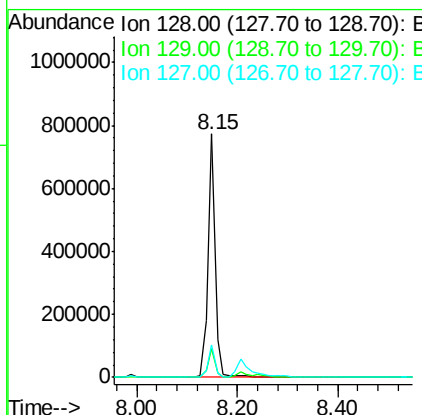
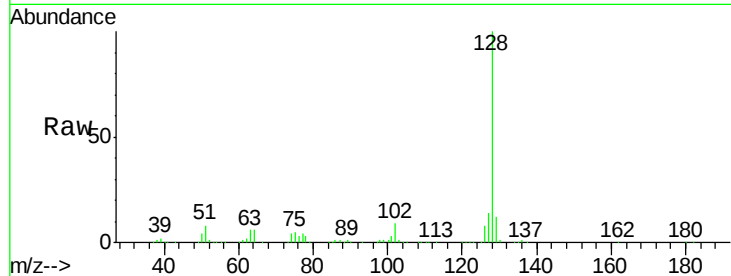
#31
Naphthalene
Concen: 46.17 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	773638		
129	11.6	9.1	13.7	
127	13.6	10.7	16.1	

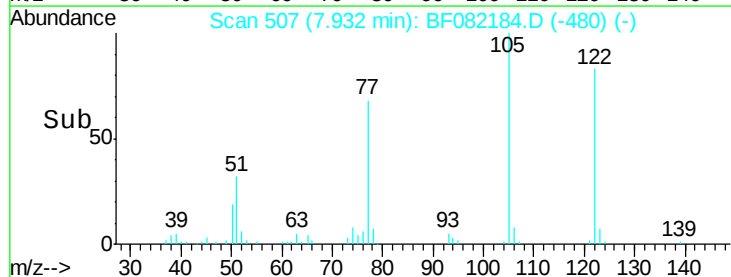
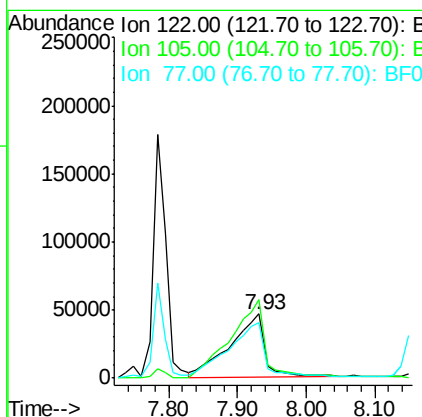
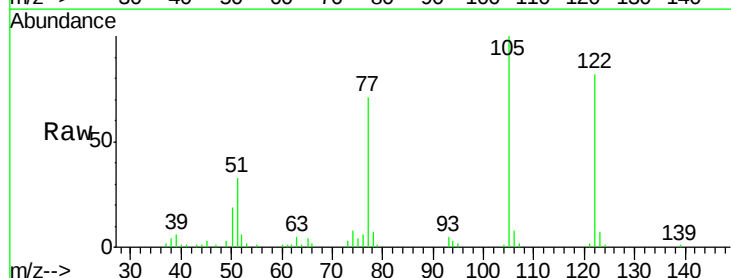
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#32
Benzoic acid
Concen: 48.42 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	162889		
105	121.6	104.4	144.4	
77	85.8	69.0	109.0	





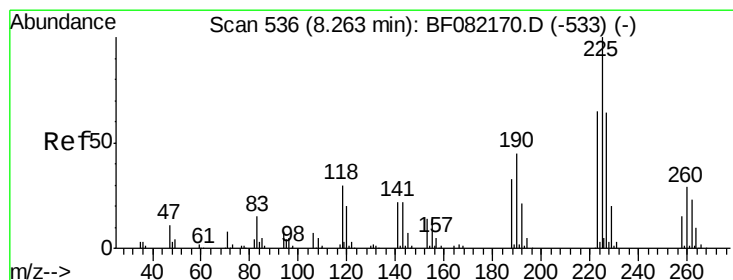
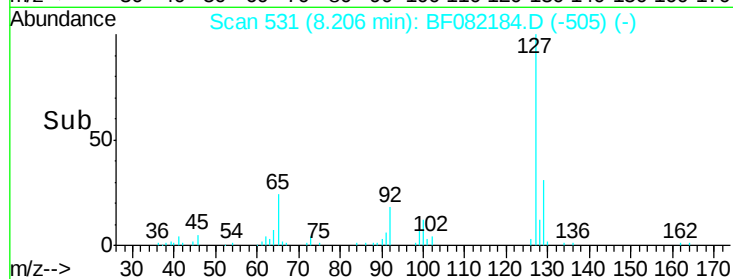
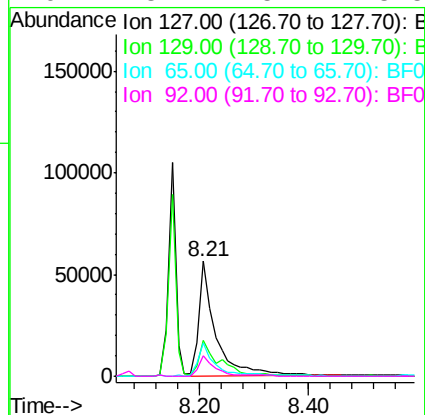
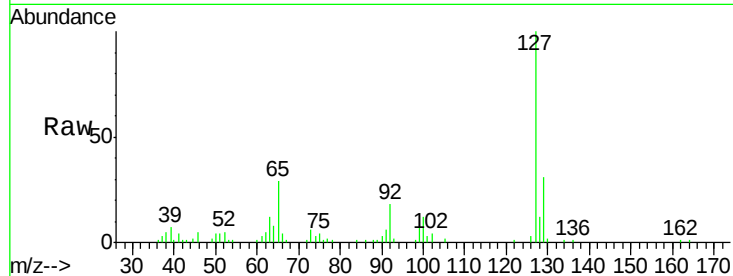
#33
4-Chloroaniline
Concen: 17.15 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	119315		
129	31.3	26.3	39.5	
65	28.7	24.4	36.6	
92	18.1	15.7	23.5	

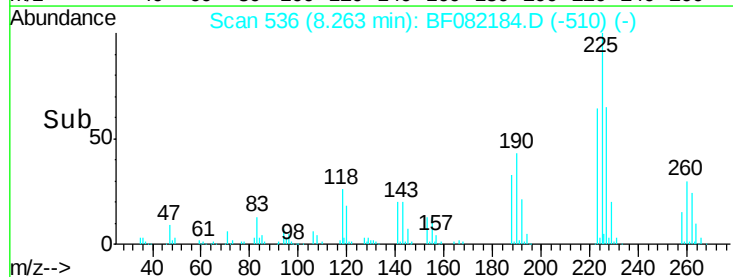
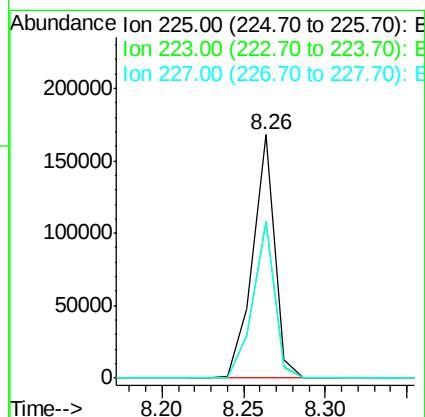
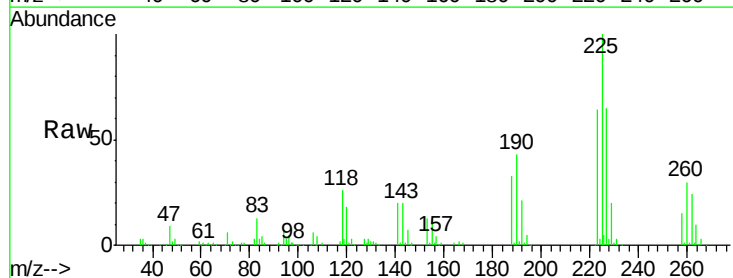
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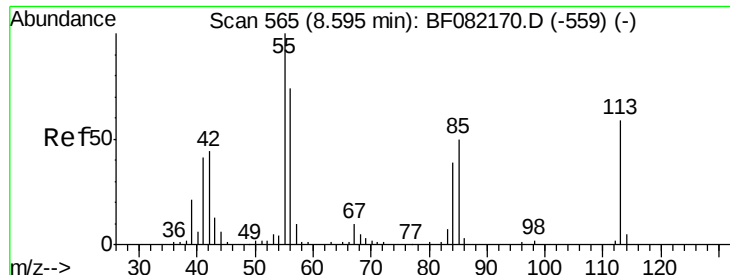
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#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157884		
223	64.1	52.2	78.2	
227	64.5	51.3	76.9	





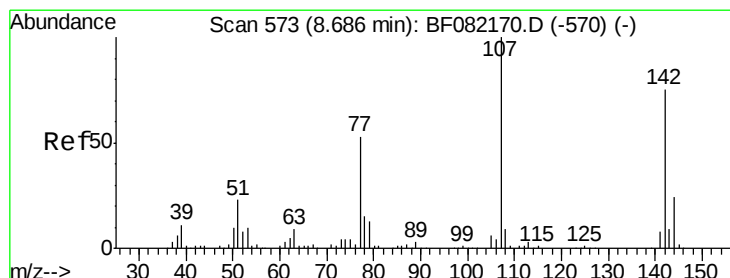
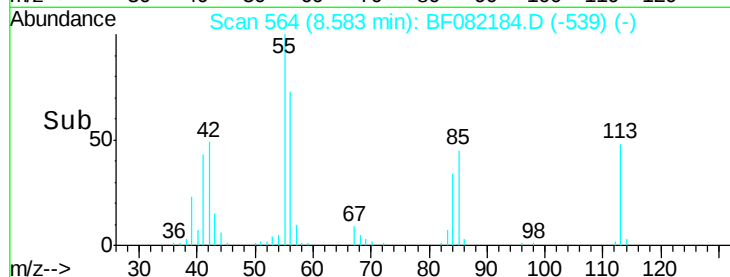
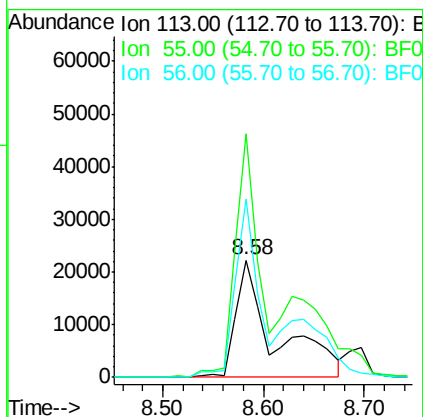
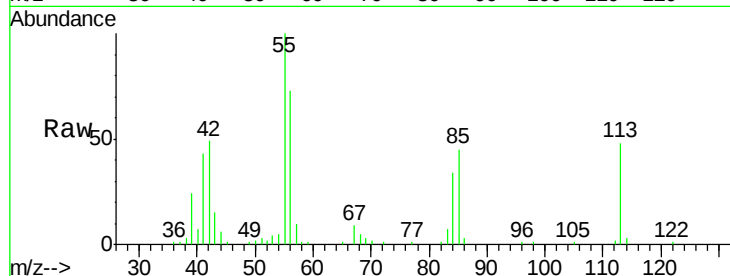
#35
Caprolactam
Concen: 41.96 ng m
RT: 8.58 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion:113 Resp: 61012
Ion Ratio Lower Upper
113 100
55 208.0 149.7 189.7#
56 152.5 105.4 145.4#

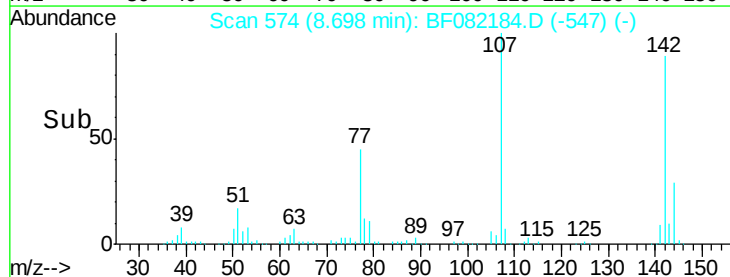
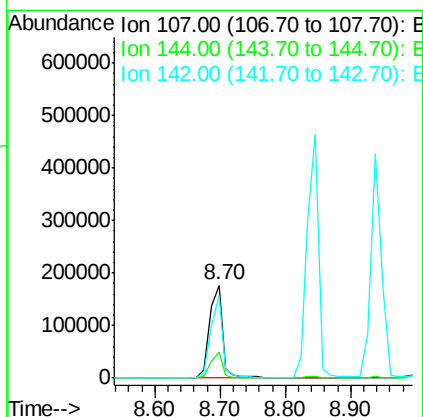
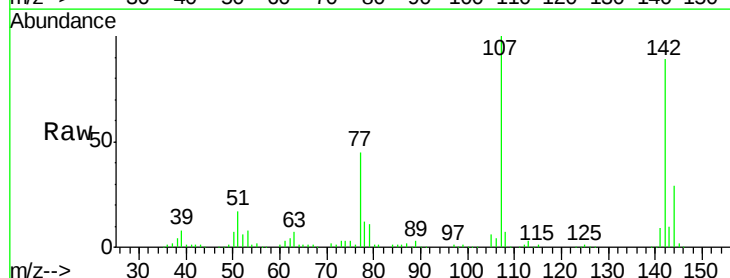
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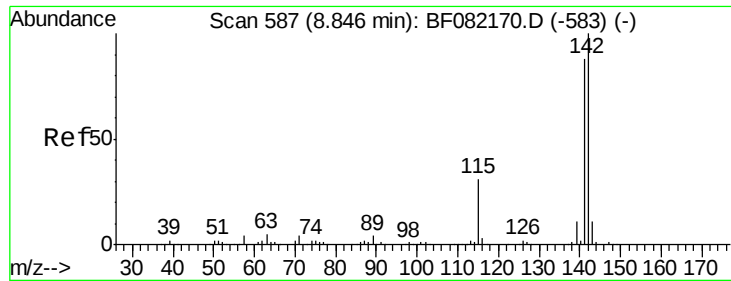
MMDadoda
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#36
4-Chloro-3-methylphenol
Concen: 52.37 ng
RT: 8.70 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion:107 Resp: 256598
Ion Ratio Lower Upper
107 100
144 28.6 19.3 28.9
142 88.6 59.9 89.9





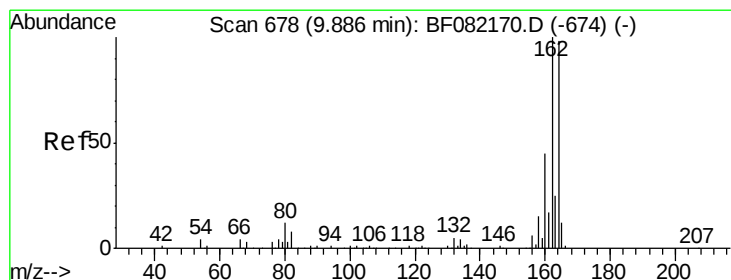
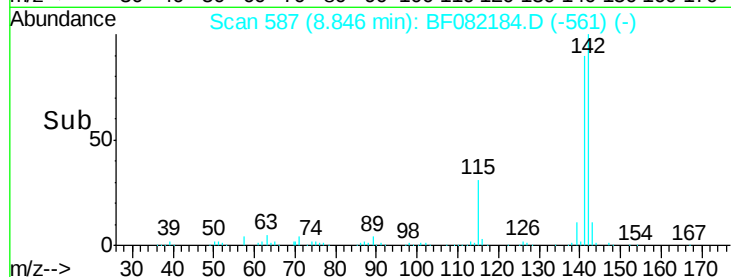
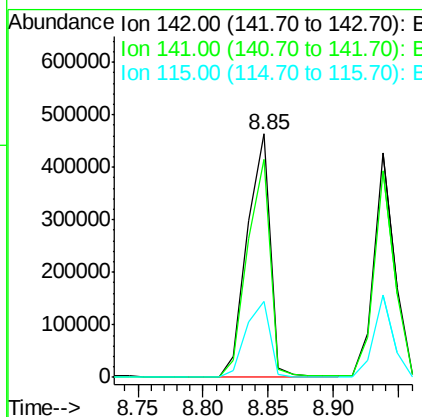
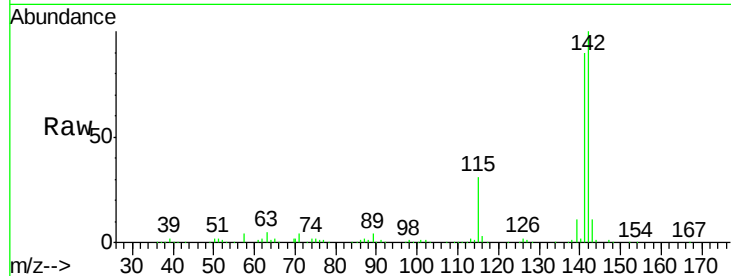
#37
 2-Methylnaphthalene
 Concen: 49.10 ng
 RT: 8.85 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	570389		
141	89.7		70.4	105.6
115	31.2		24.6	37.0

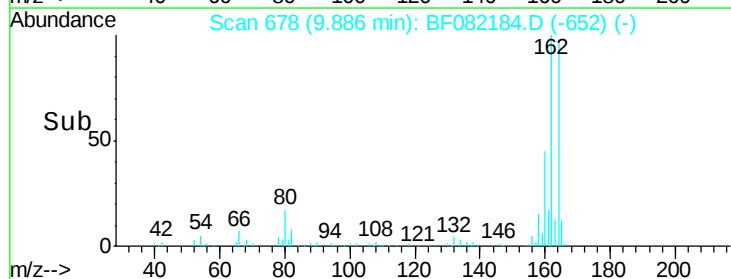
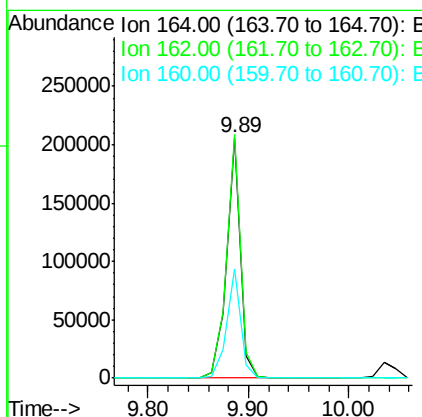
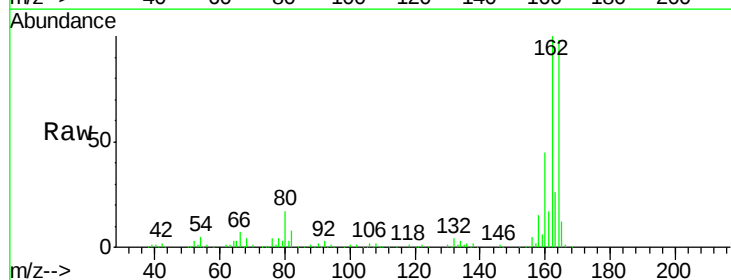
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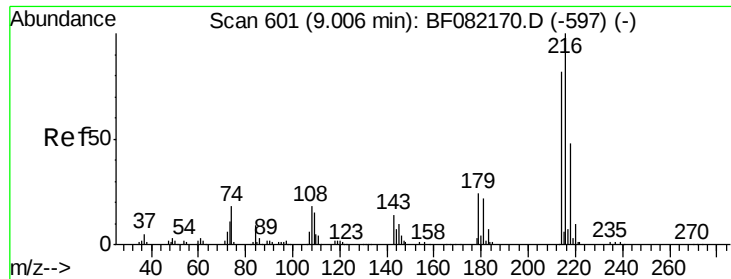
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197043		
162	101.6		81.6	122.4
160	45.4		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.94 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082184.D

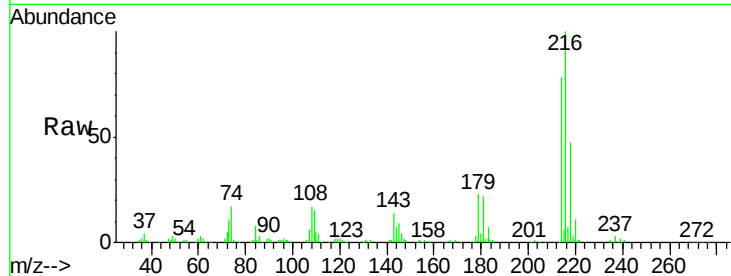
Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

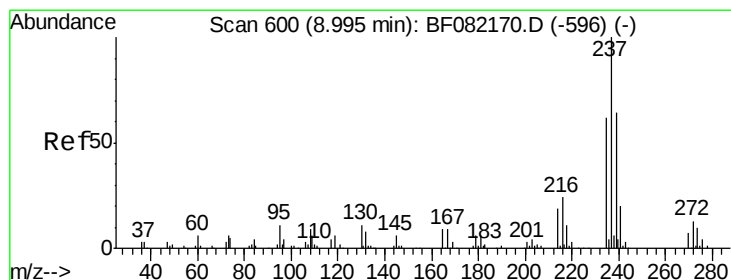
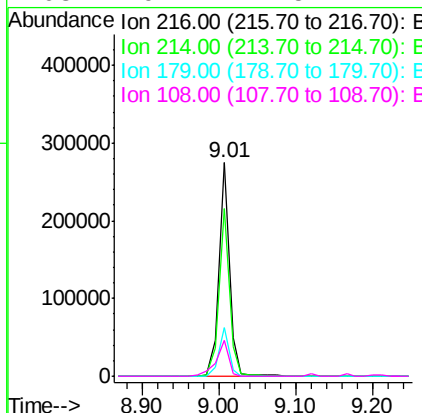
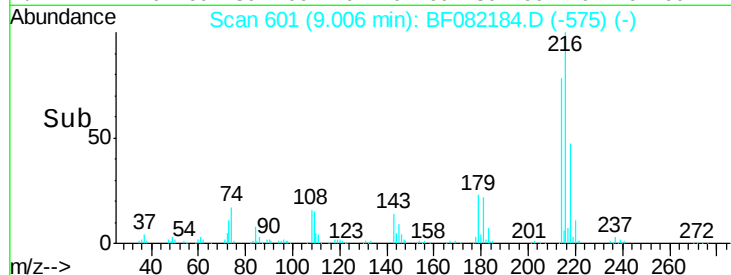
A13COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	263392		
214	78.2	64.6	97.0	
179	21.7	17.6	26.4	
108	19.4	14.5	21.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 92.47 ng

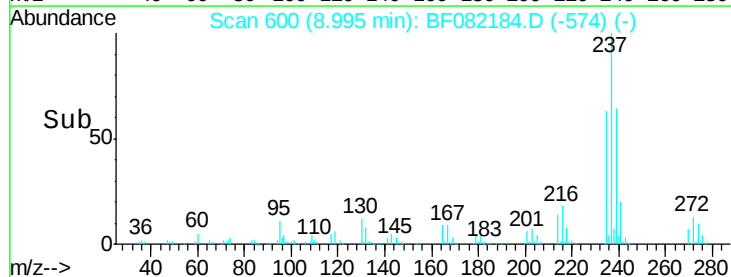
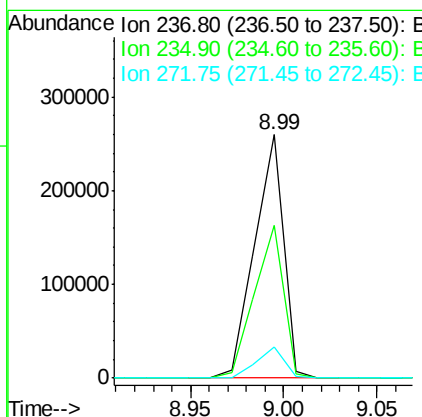
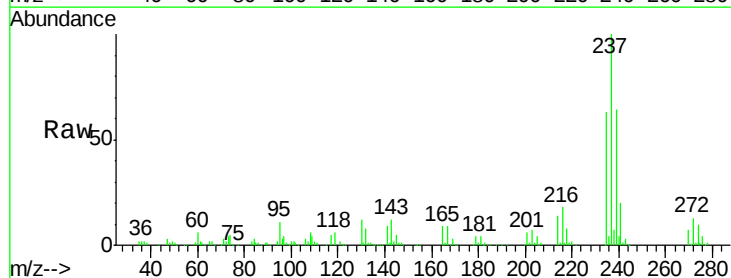
RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	278530		
235	62.5	41.7	81.7	
272	12.7	0.0	32.8	





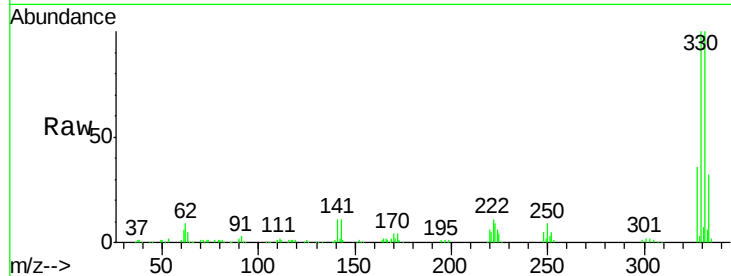
#41
 2,4,6-Tribromophenol
 Concen: 145.58 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

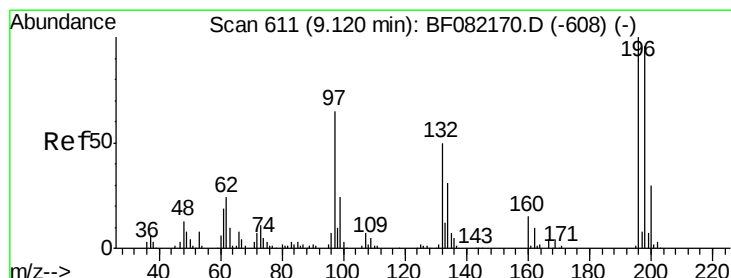
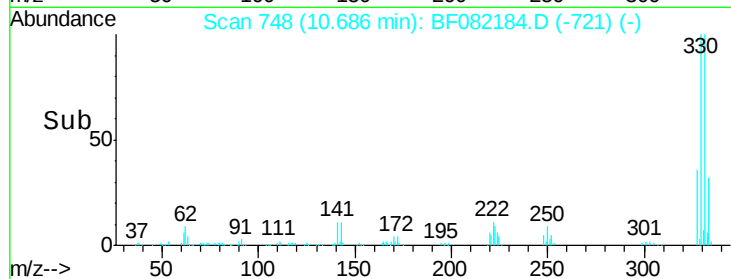
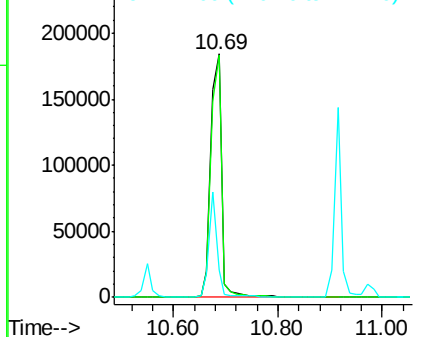
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	269026		
332	97.0	77.1	115.7	
141	31.9	29.8	44.8	

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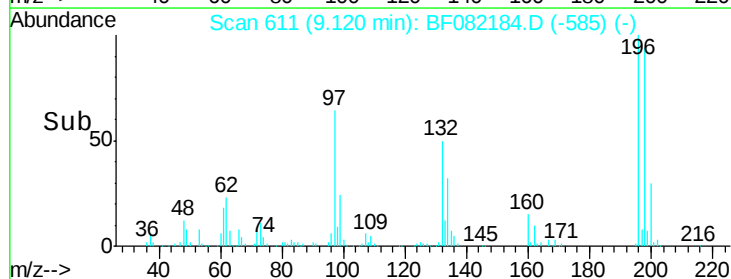
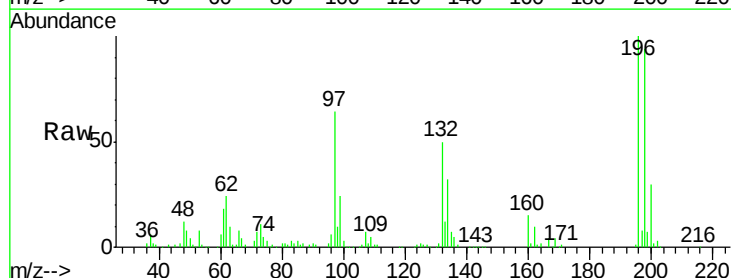
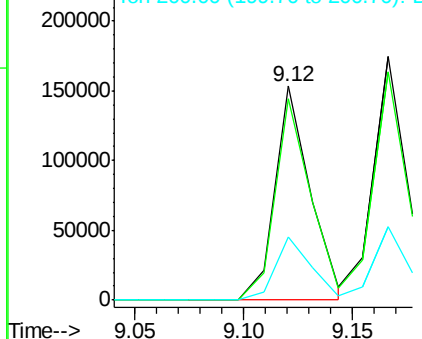
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174829		
198	94.4	76.6	115.0	
200	29.5	23.7	35.5	

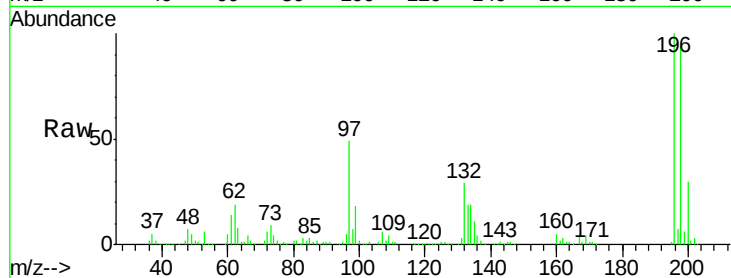
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

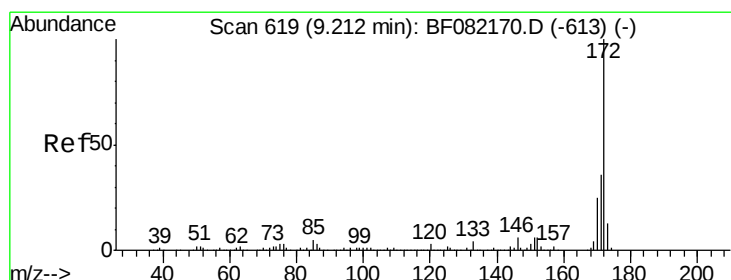
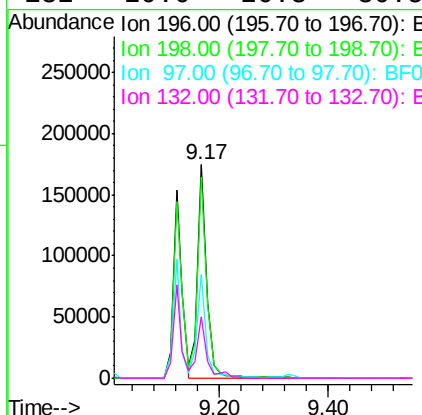
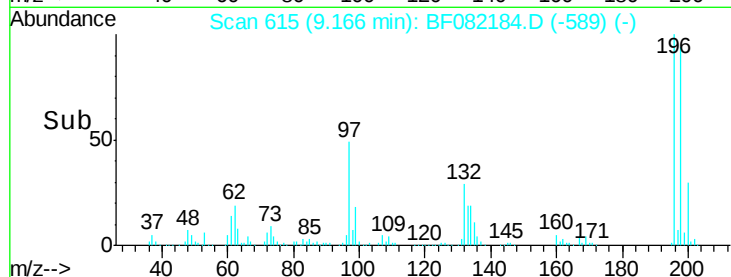
Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203129		
198	93.8	77.0	115.4	
97	48.6	31.9	47.9	
132	29.0	20.3	30.5	

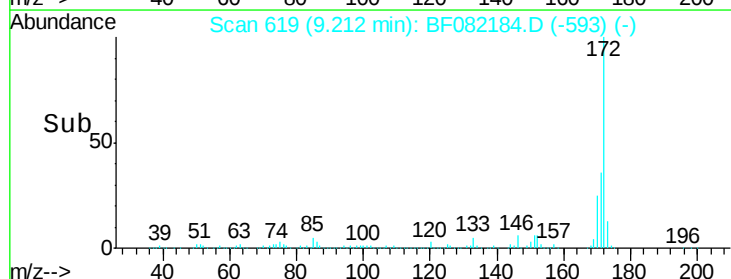
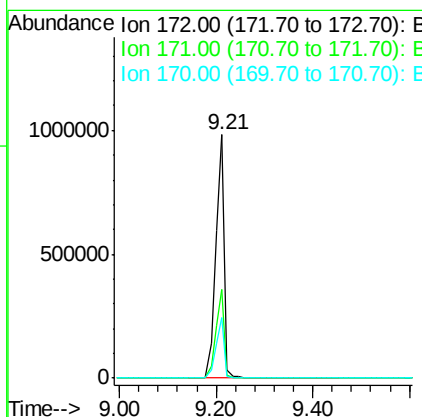
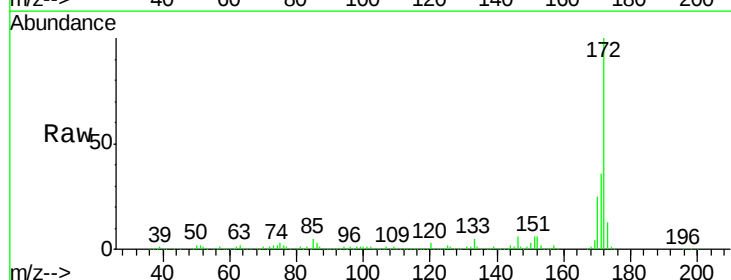
Manual Integrations
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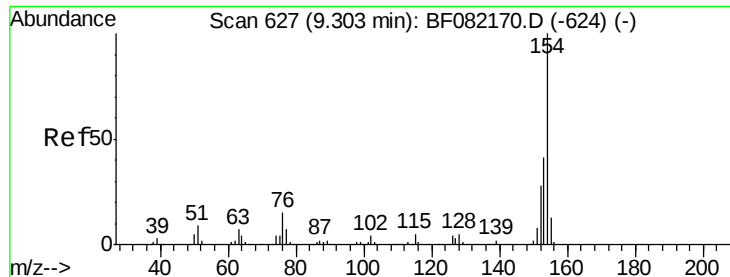
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 103.08 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1224738		
171	36.4	28.6	42.8	
170	25.0	19.7	29.5	





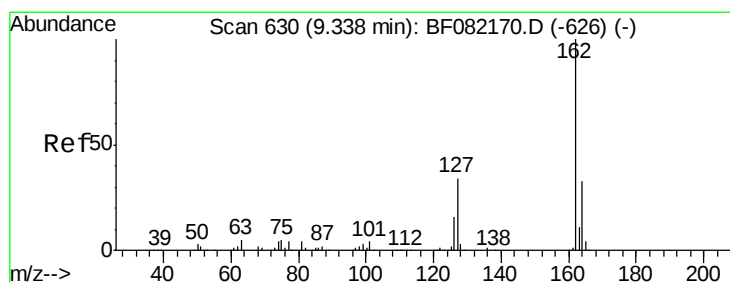
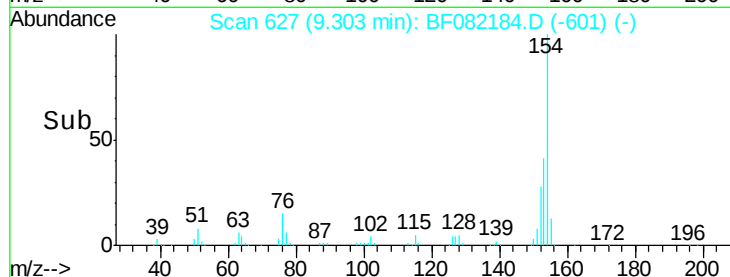
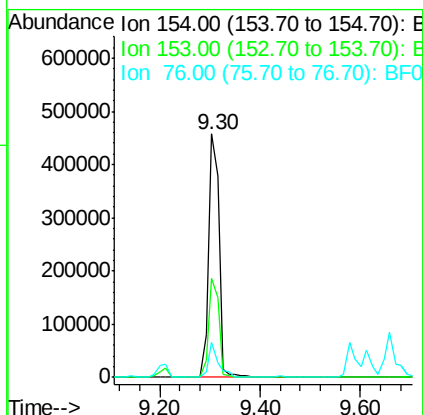
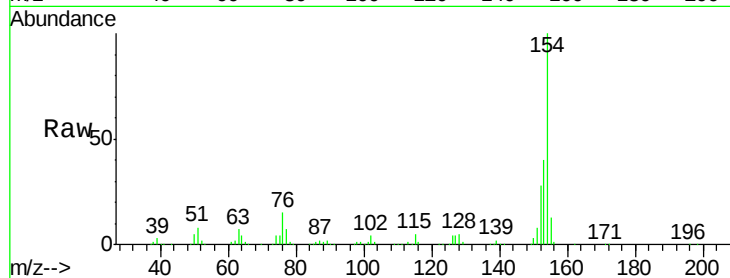
#45
 1,1'-Biphenyl
 Concen: 43.80 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	658079		
153	40.5	20.6	60.6	
76	14.6	0.0	35.2	

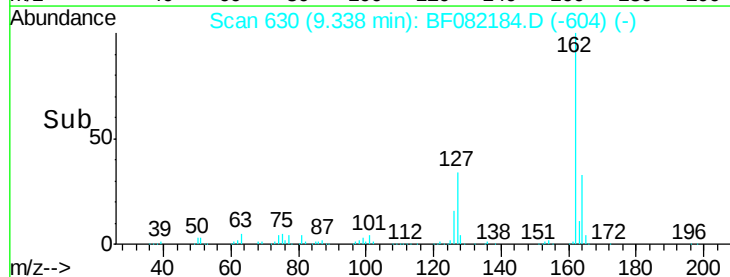
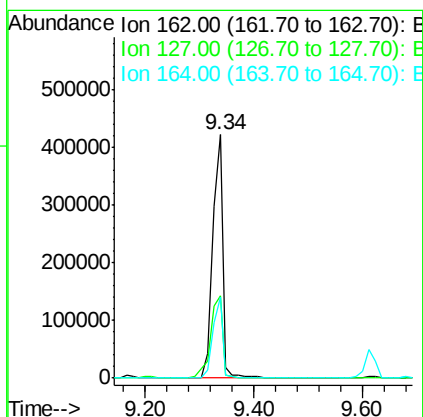
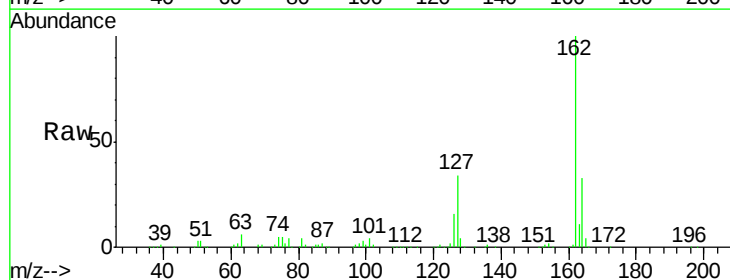
Manual Integrations
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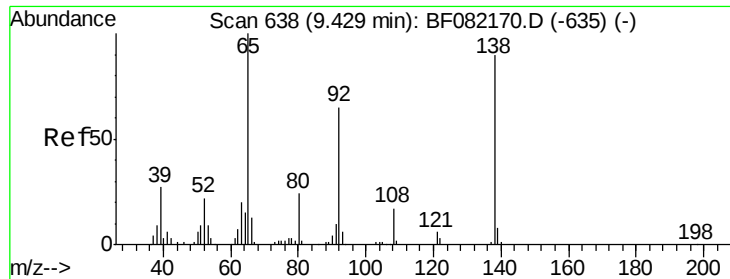
MMDadoda
 10/12/2015 2:35:24 PM



#46
 2-Chloronaphthalene
 Concen: 46.80 ng
 RT: 9.34 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	553602		
127	34.0	27.5	41.3	
164	33.4	26.6	39.8	





#47

2-Nitroaniline

Concen: 49.15 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082184.D

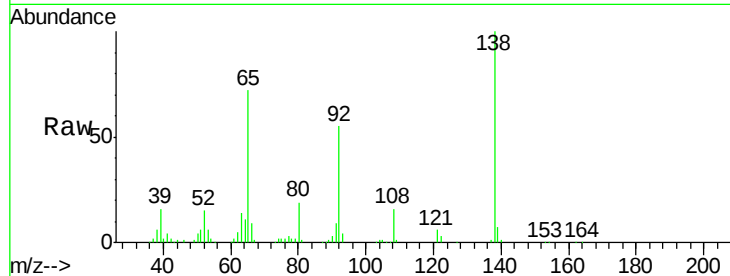
Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

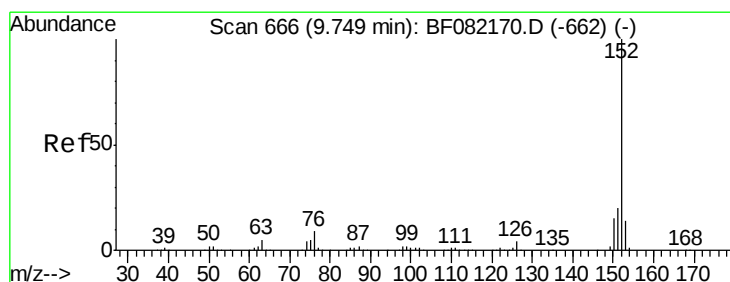
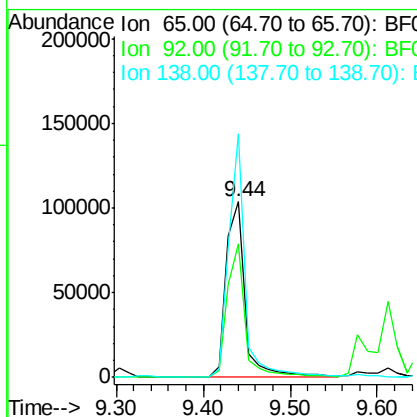
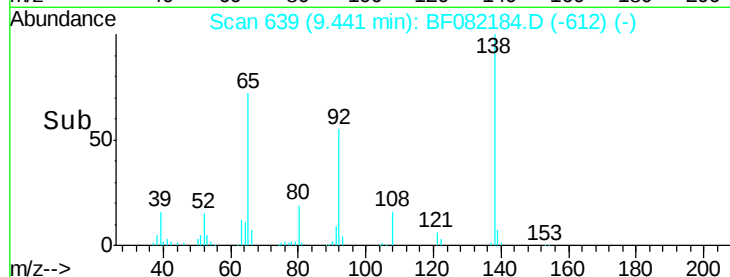
A13COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159611		
92	76.1	52.3	78.5	
138	139.0	72.2	108.4	

Manual Integrations
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#48

Acenaphthylene

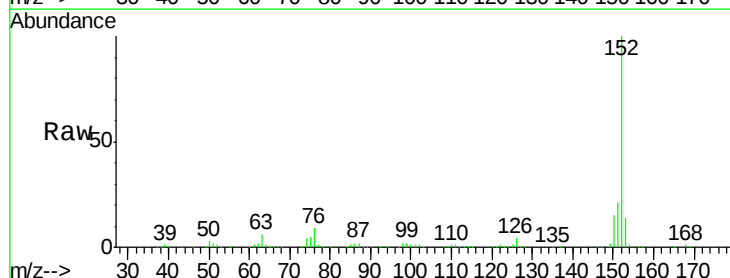
Concen: 46.27 ng

RT: 9.75 min Scan# 666

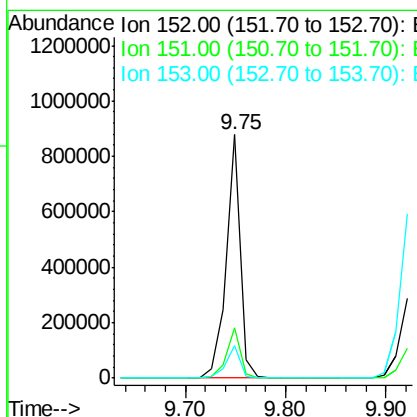
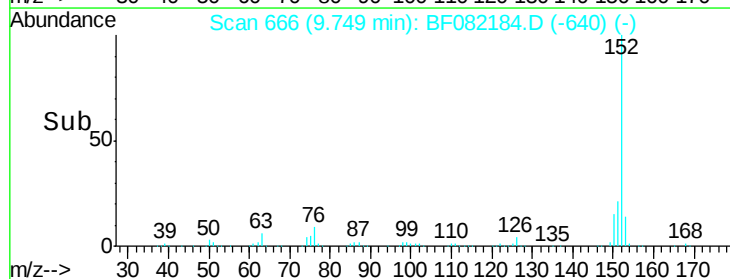
Delta R.T. 0.00 min

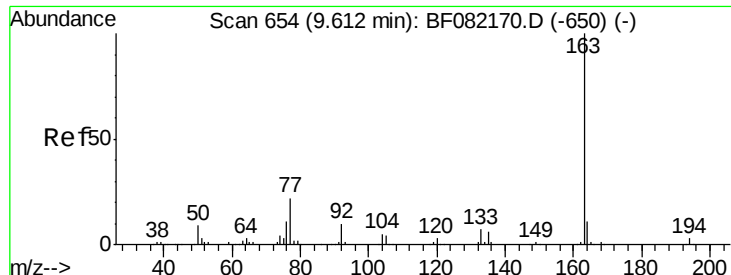
Lab File: BF082184.D

Acq: 10 Oct 2015 19:09



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	852645		
151	20.6	16.4	24.6	
153	13.6	10.8	16.2	





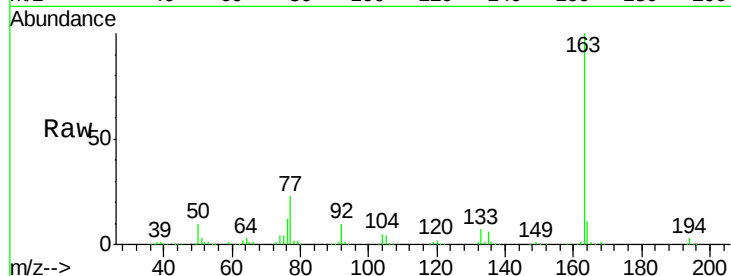
#49
Dimethylphthalate
Concen: 46.11 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

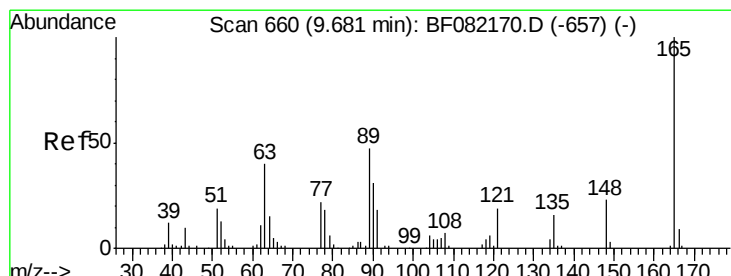
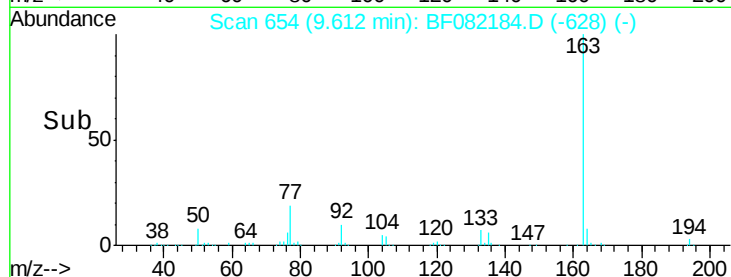
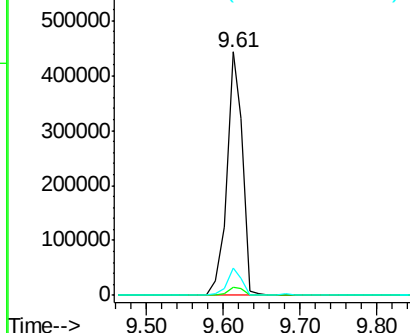
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	11.1	8.5	12.7

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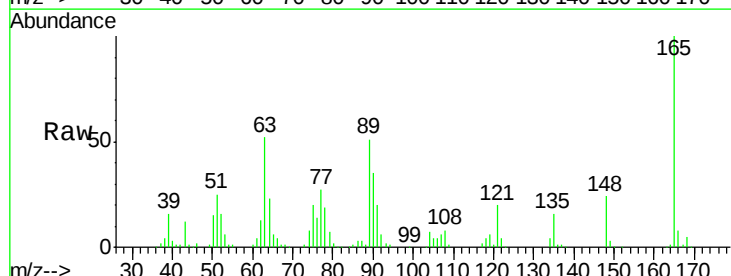


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

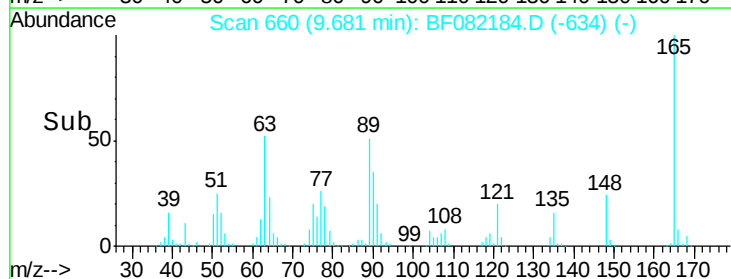
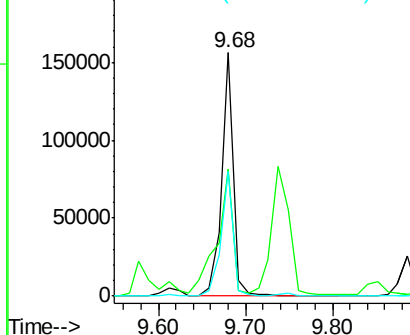


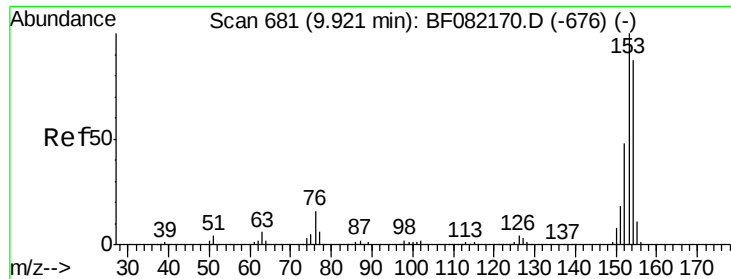
#50
2,6-Dinitrotoluene
Concen: 51.02 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.0	36.7	55.1
89	51.1	37.8	56.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





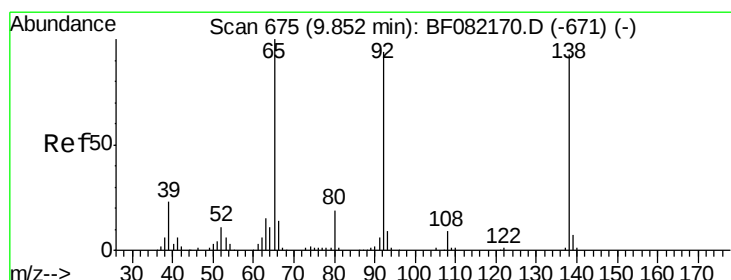
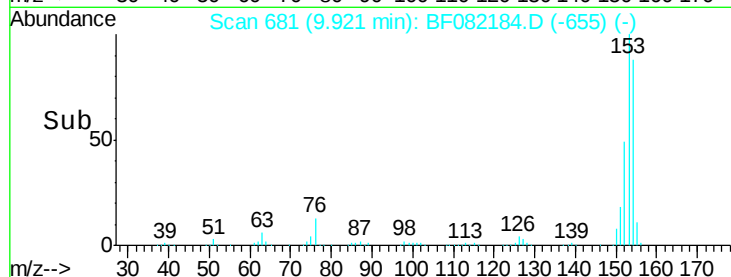
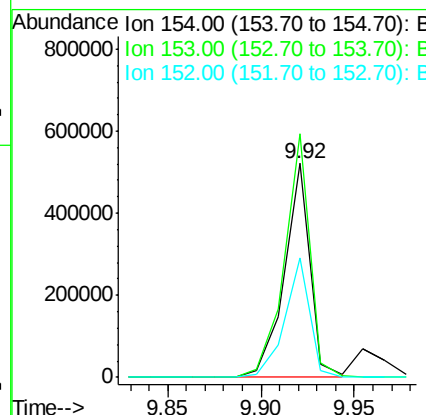
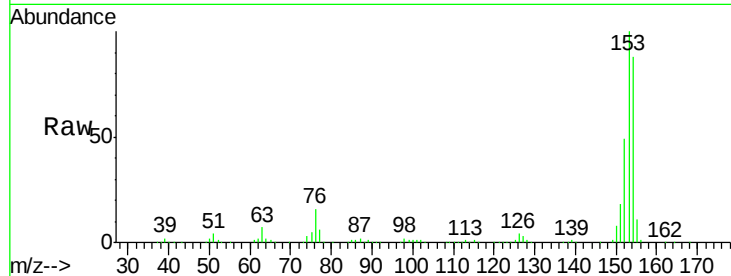
#51
Acenaphthene
Concen: 44.86 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	496275		
153	113.9	91.4	137.2	
152	55.6	44.3	66.5	

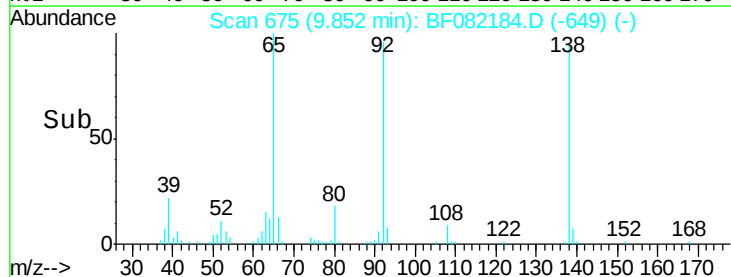
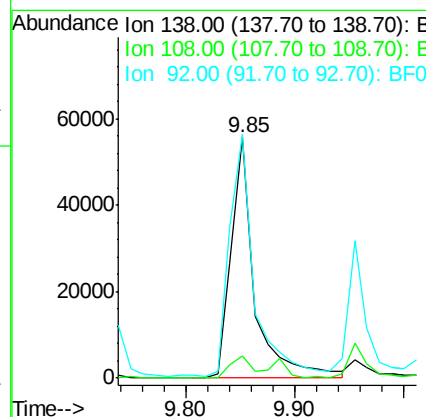
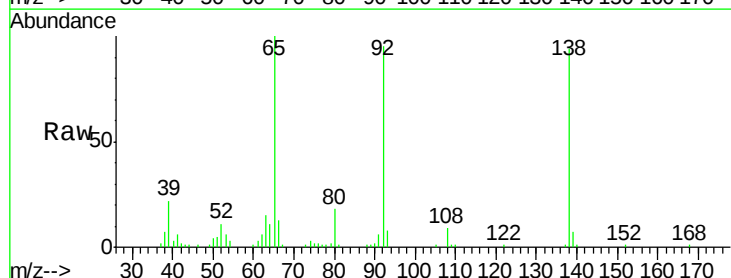
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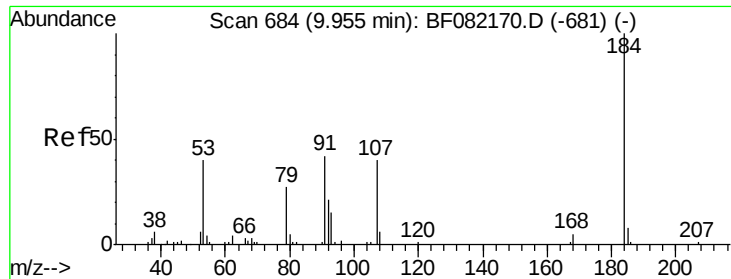
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#52
3-Nitroaniline
Concen: 25.14 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	83145		
108	9.5	7.4	11.0	
92	101.1	81.3	121.9	





#53

2,4-Dinitrophenol

Concen: 98.52 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

A13COMPMS

Tgt Ion:184 Resp: 163813
Ion Ratio Lower Upper

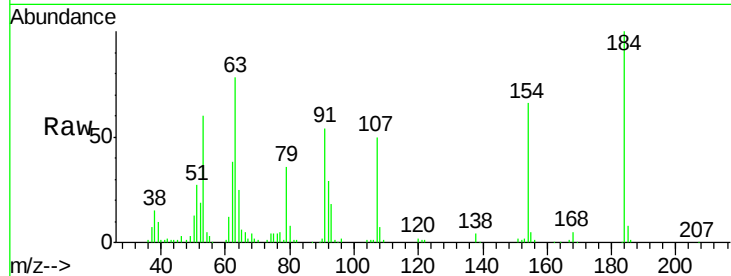
184 100

63 78.5 45.1 67.7#

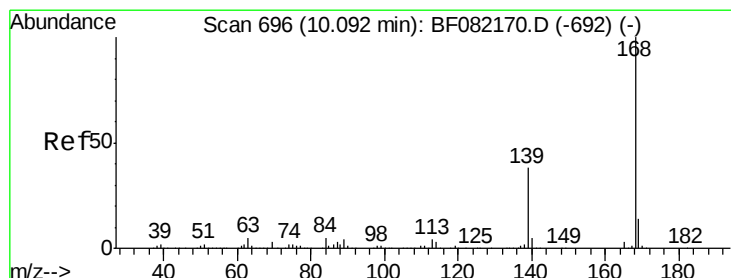
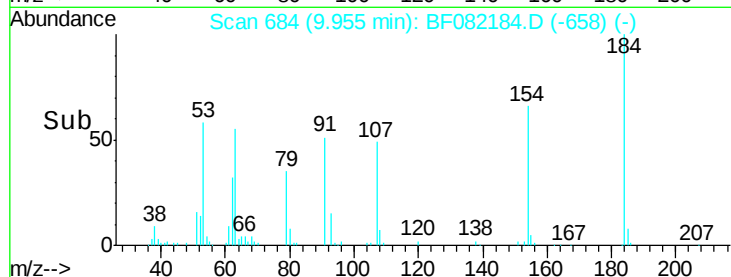
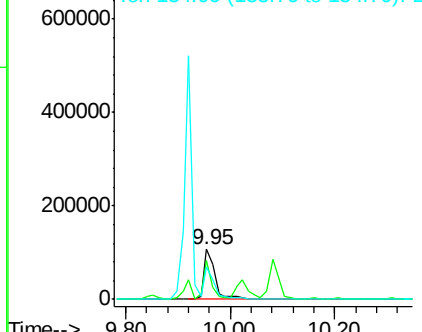
154 65.6 51.2 76.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.41 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF082184.D

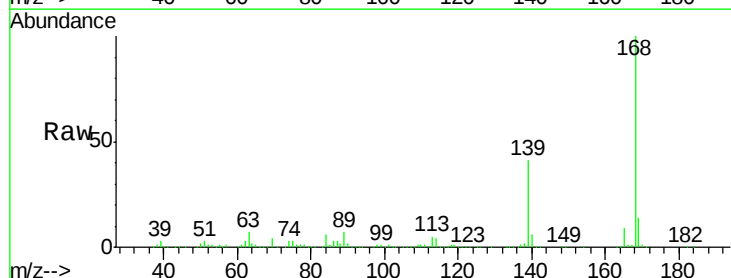
Acq: 10 Oct 2015 19:09

Tgt Ion:168 Resp: 704891
Ion Ratio Lower Upper

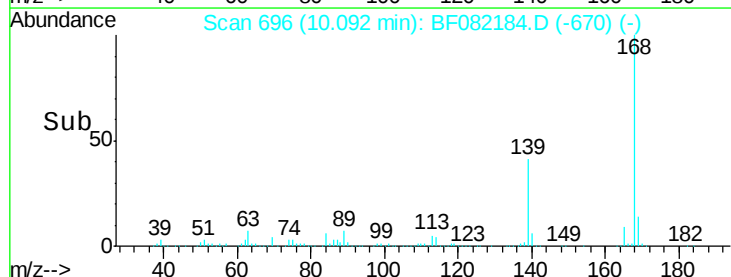
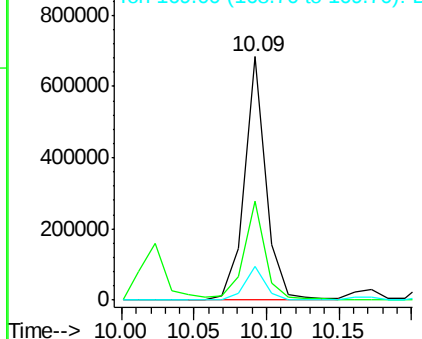
168 100

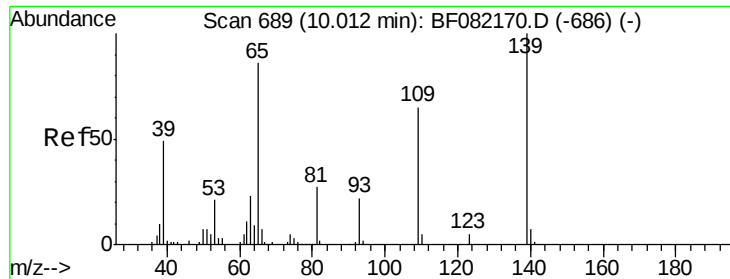
139 40.9 31.0 46.6

169 14.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





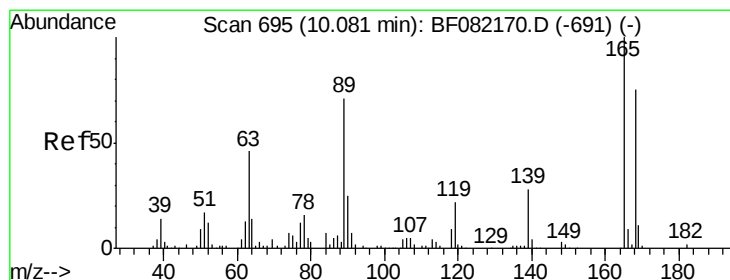
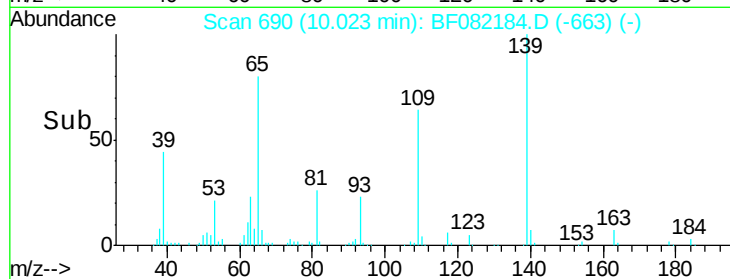
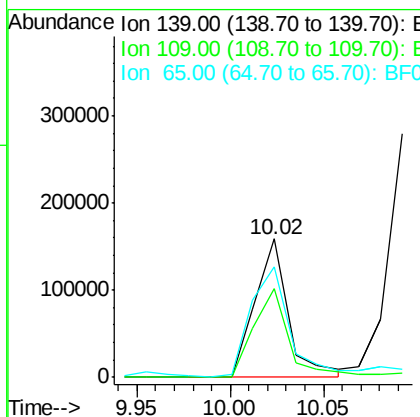
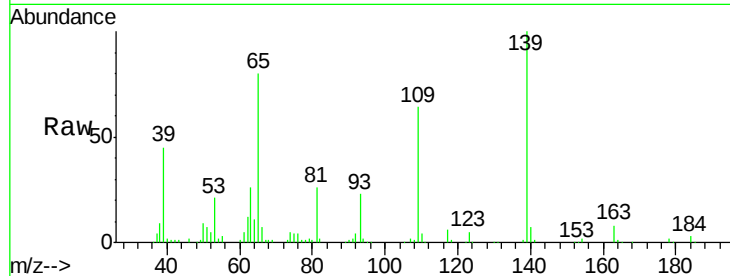
#55
4-Nitrophenol
Concen: 84.26 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Manual Integrations
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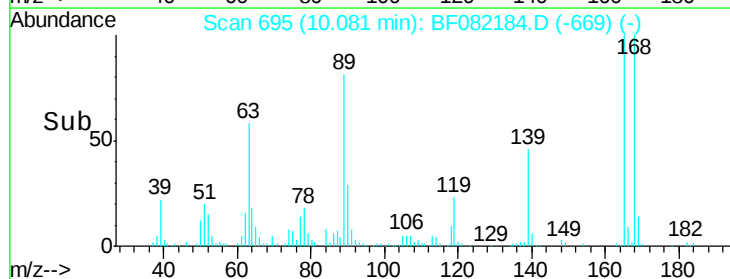
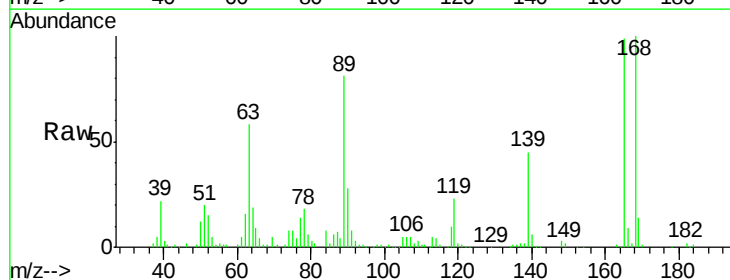
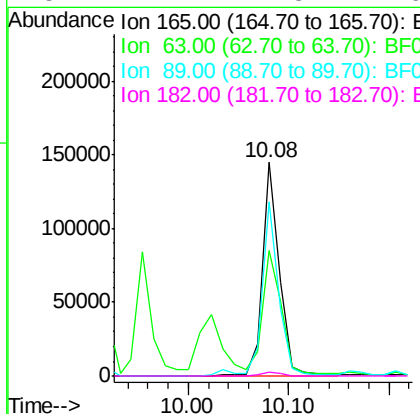
MMDadoda
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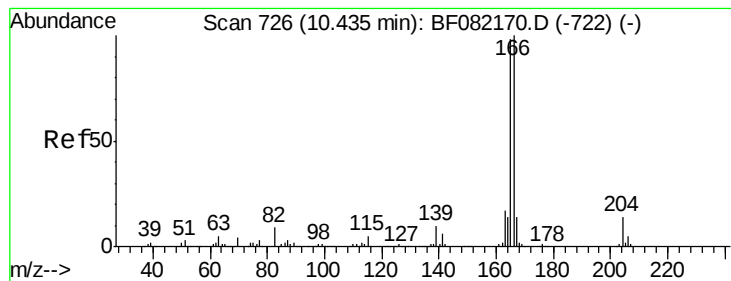
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	196743		
109	64.1	44.8	84.8	
65	80.2	67.7	107.7	



#56
2,4-Dinitrotoluene
Concen: 45.84 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167741		
63	58.6	38.6	58.0#	
89	81.3	57.0	85.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 46.42 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

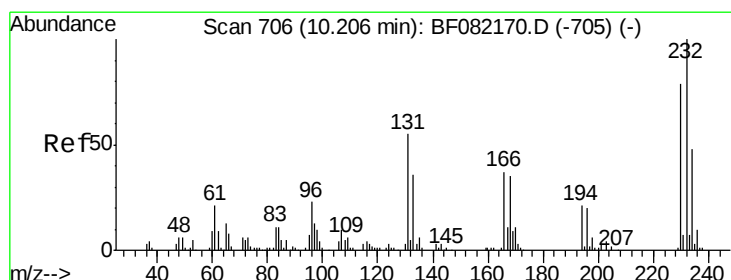
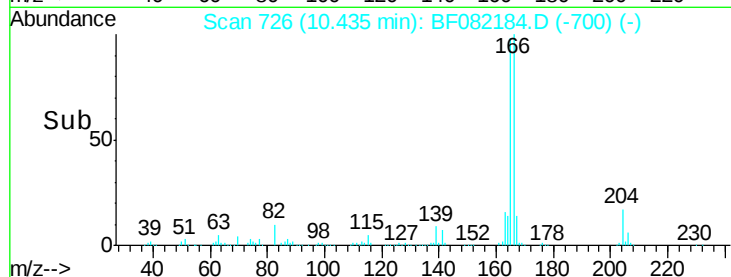
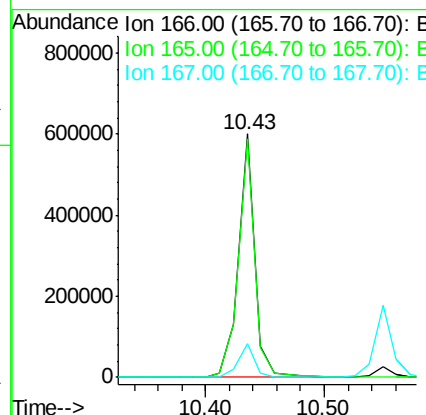
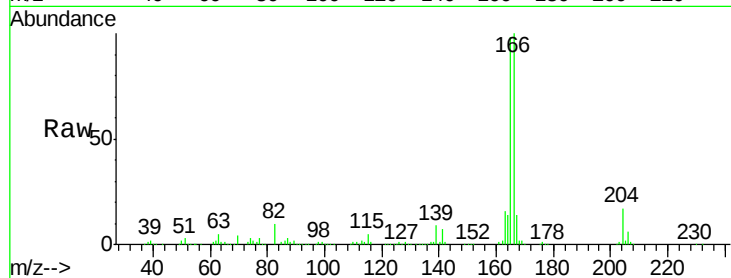
ClientSampleId :

A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	579067		
165	97.8		78.3	117.5
167	13.7		10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.28 ng

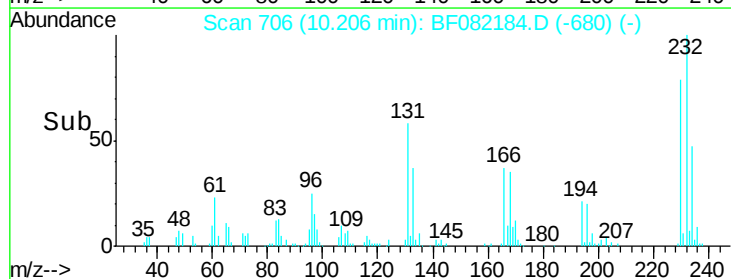
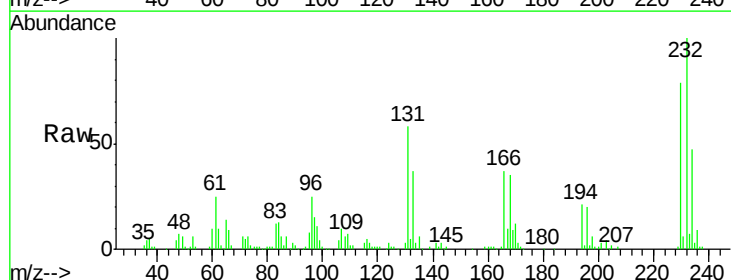
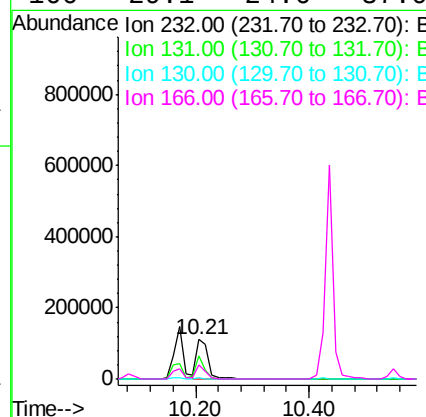
RT: 10.21 min Scan# 706

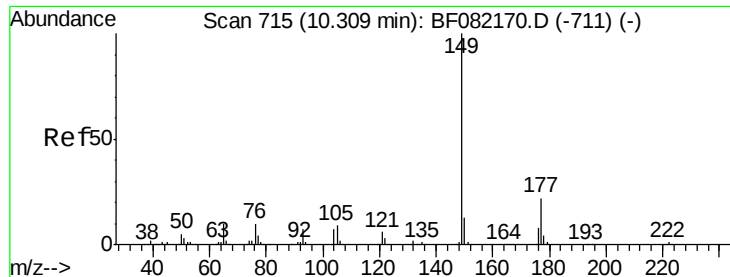
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	166353		
131	42.8		36.6	54.8
130	1.8		1.5	2.3
166	29.1		24.6	37.0





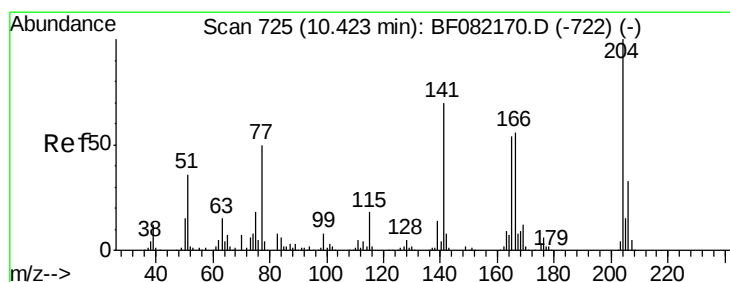
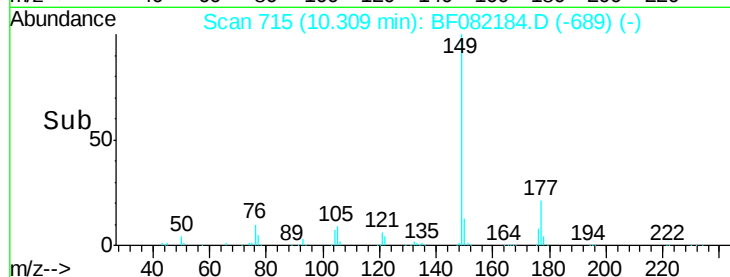
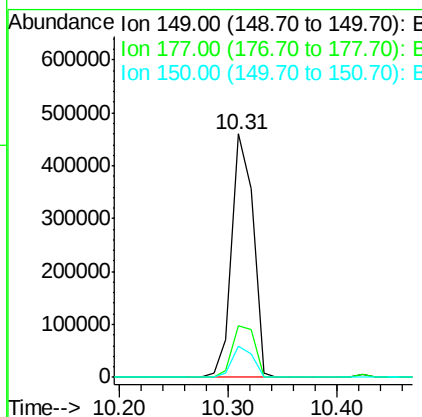
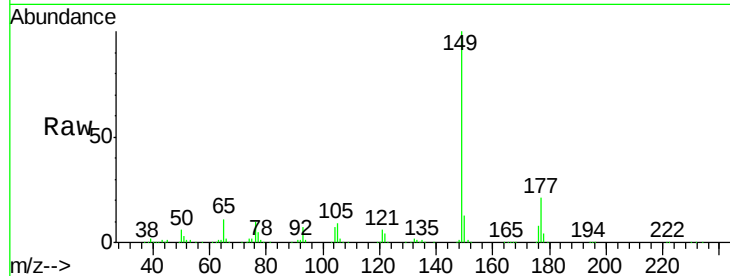
#59
Diethylphthalate
Concen: 48.08 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	621898		
177	21.0		17.6	26.4
150	12.9		10.3	15.5

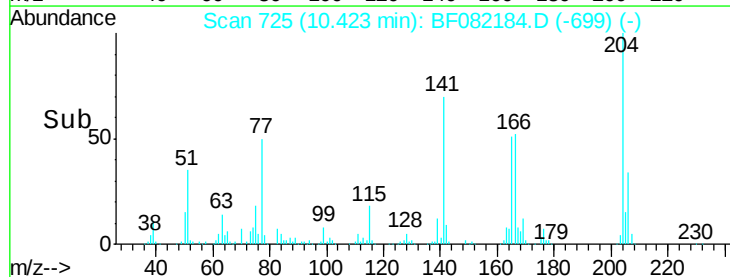
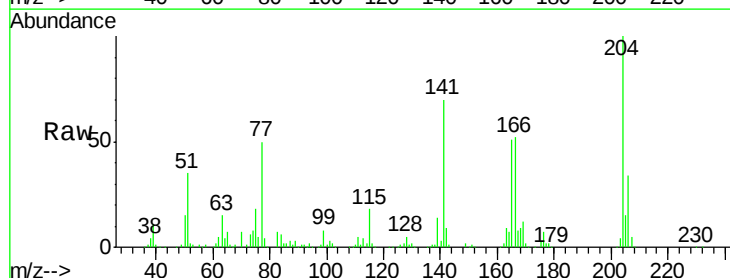
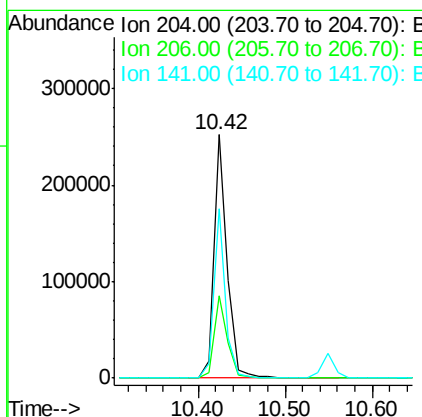
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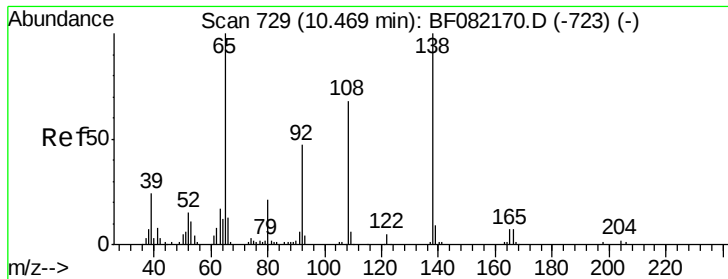
MMDadoda
10/12/2015 2:35:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.66 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266575		
206	33.8		26.8	40.2
141	69.5		56.1	84.1





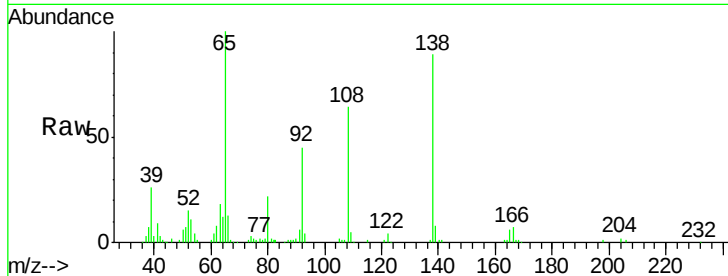
#61
4-Nitroaniline
Concen: 43.65 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

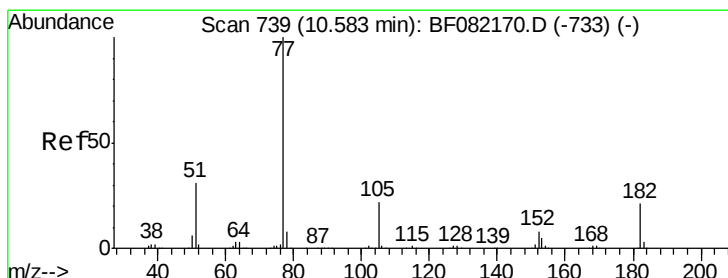
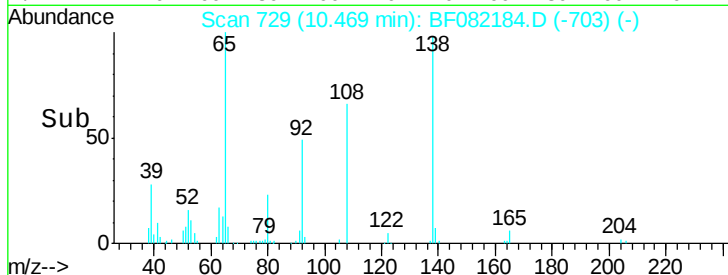
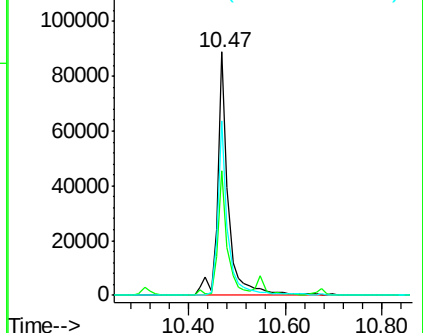
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	26.8	66.8
108	71.4	48.4	88.4

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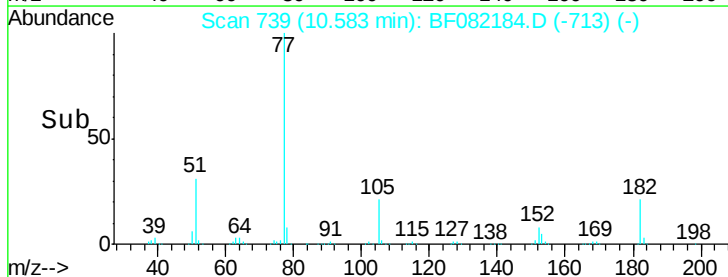
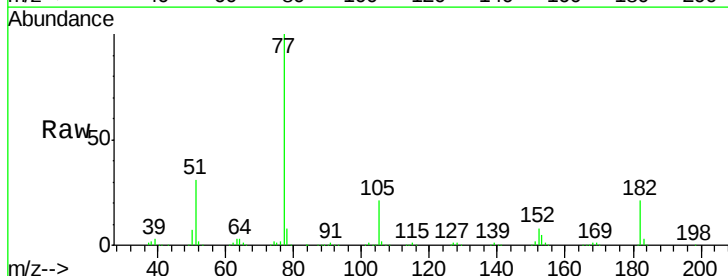
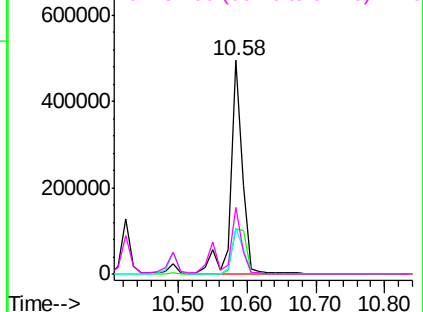
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

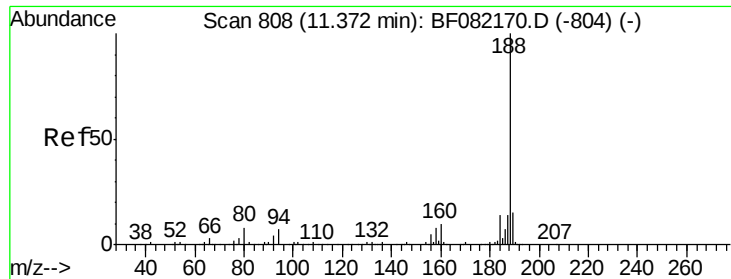


#62
Azobenzene
Concen: 46.72 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.5	40.5
105	21.4	1.8	41.8
51	31.5	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





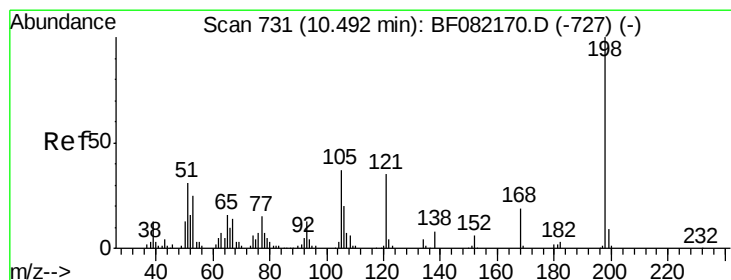
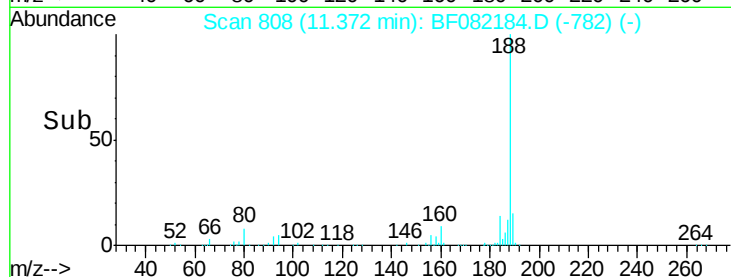
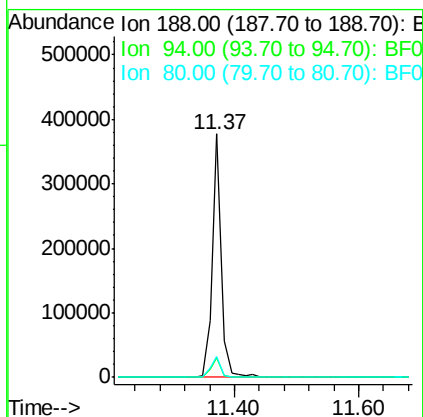
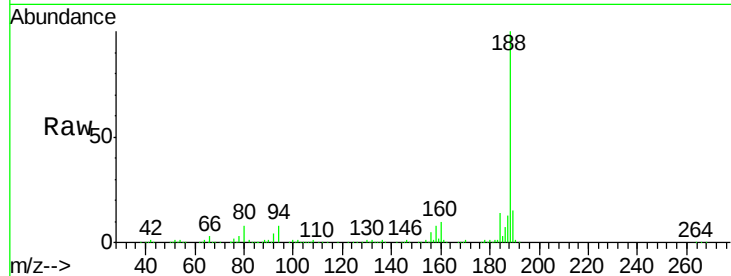
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	377514		
94	7.8		5.8	8.6
80	8.3		6.4	9.6

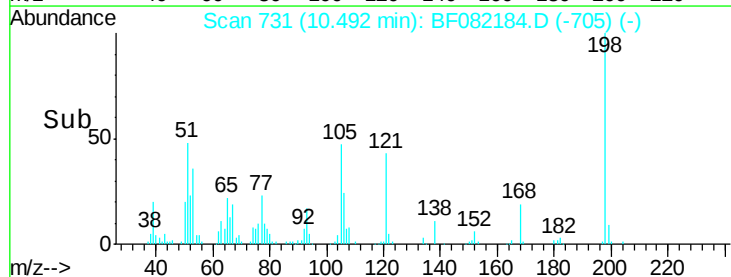
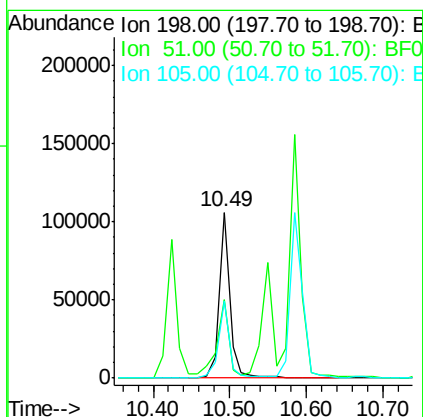
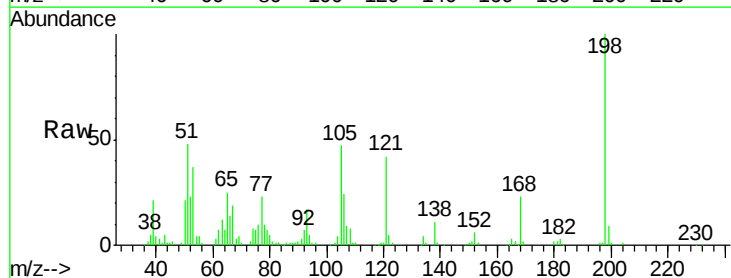
Manual Integrations
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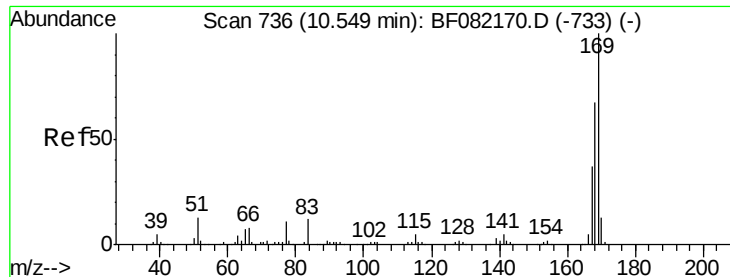
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.05 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103921		
51	47.6		13.6	53.6
105	46.6		17.1	57.1





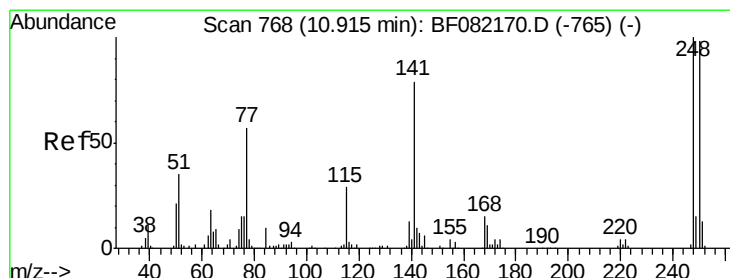
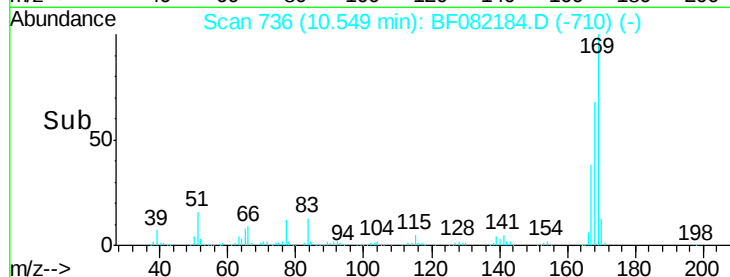
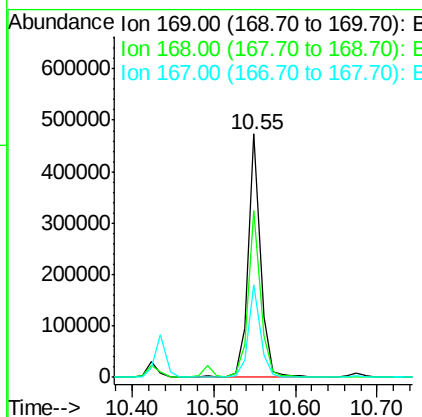
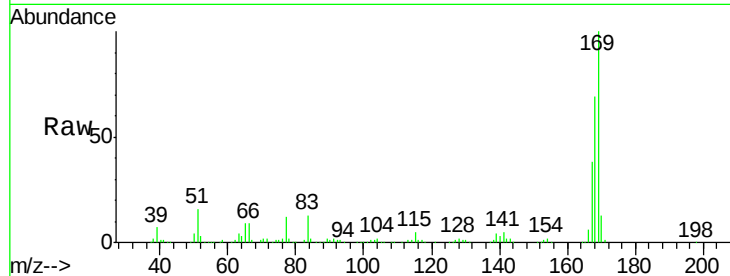
#65
 n-Nitrosodiphenylamine
 Concen: 43.86 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Manual Integrations
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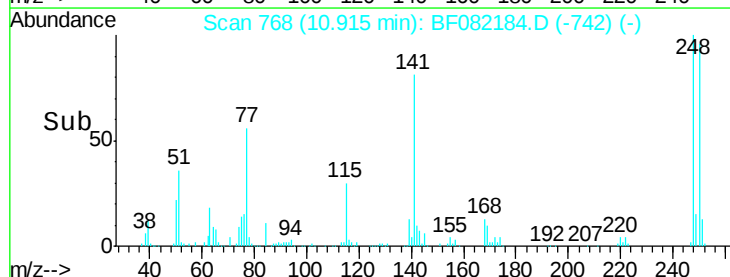
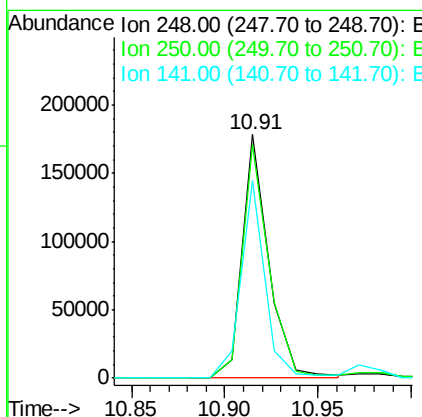
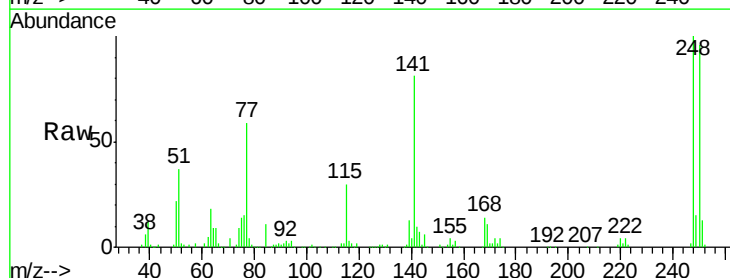
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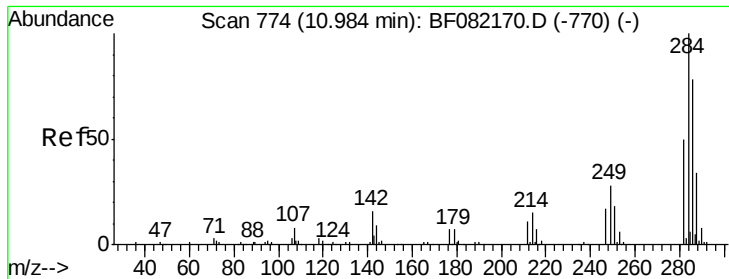
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	495732		
168	68.5	54.0	81.0	
167	37.9	29.6	44.4	



#66
 4-Bromophenyl-phenylether
 Concen: 46.65 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176237		
250	95.8	78.6	117.8	
141	80.9	63.3	94.9	





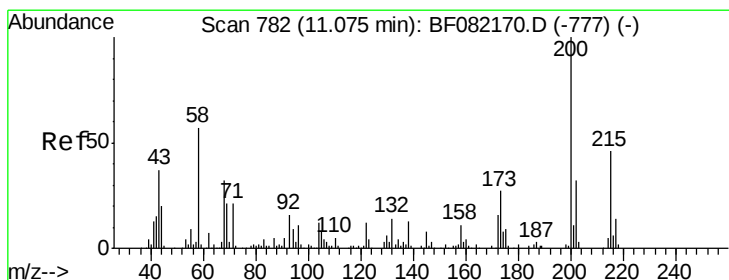
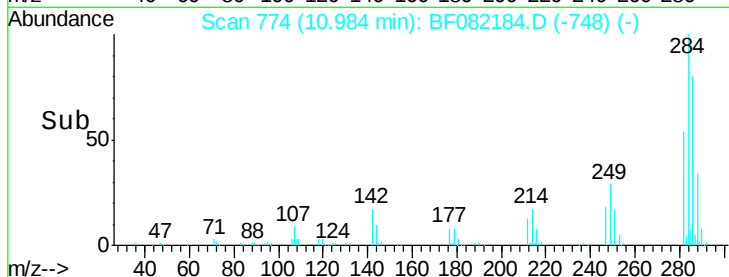
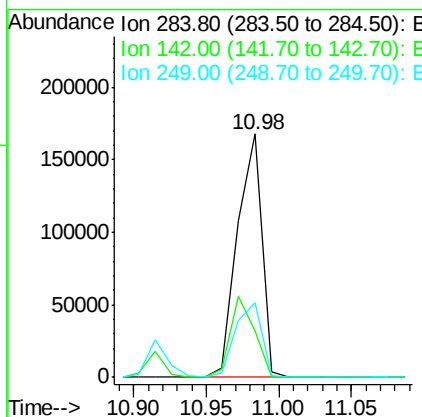
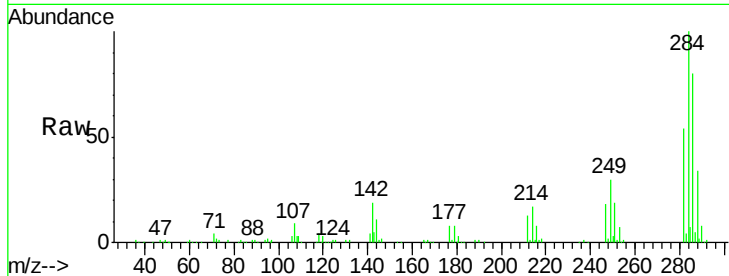
#67
Hexachlorobenzene
Concen: 48.21 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	19.0	13.0	19.6
249	30.4	22.5	33.7

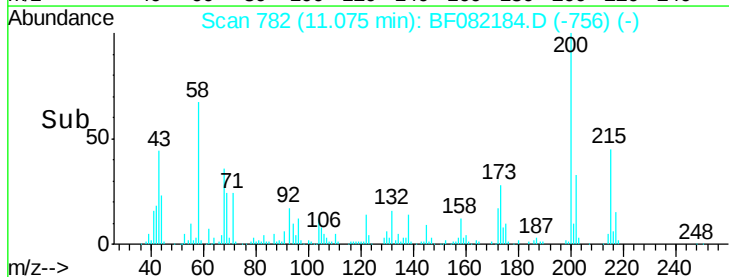
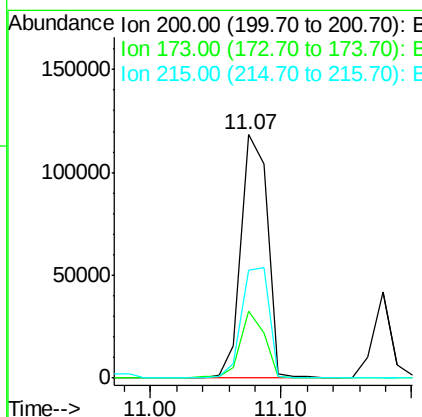
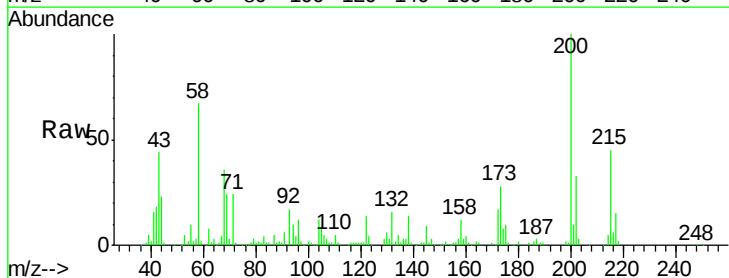
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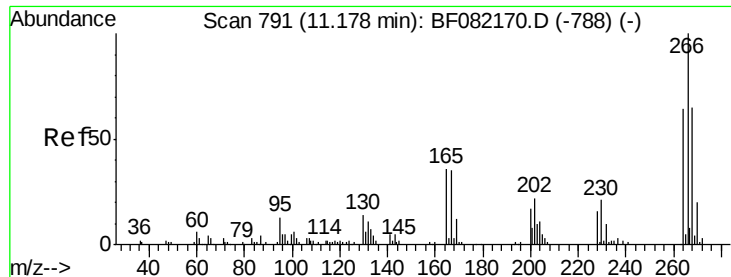
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#68
Atrazine
Concen: 46.55 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.3	47.3
215	44.5	26.2	66.2





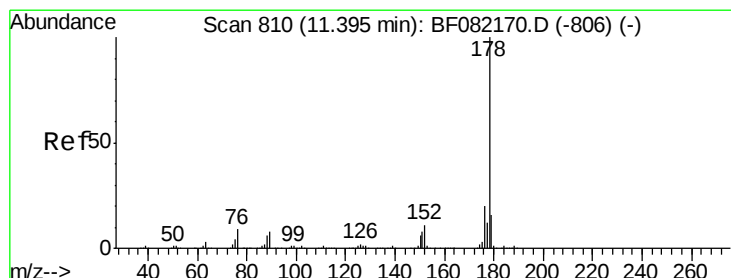
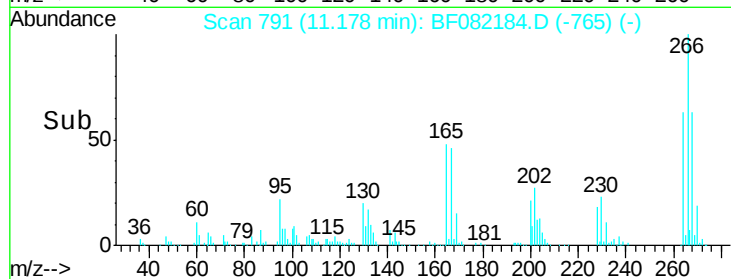
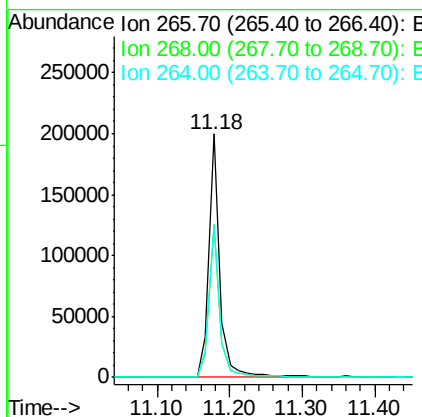
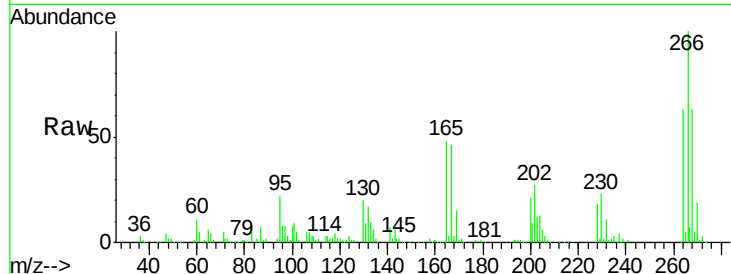
#69
 Pentachlorophenol
 Concen: 101.27 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	212929		
268	62.7	52.0	78.0	
264	62.9	51.4	77.0	

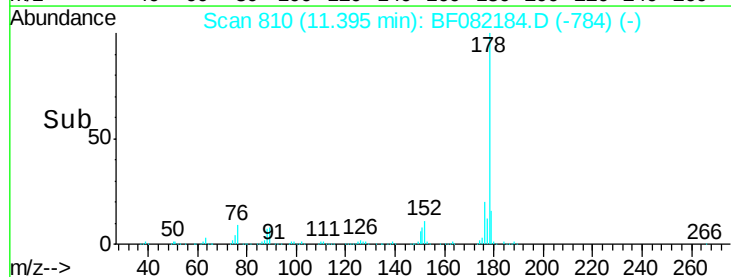
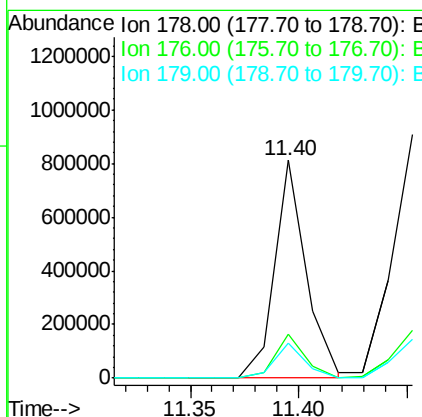
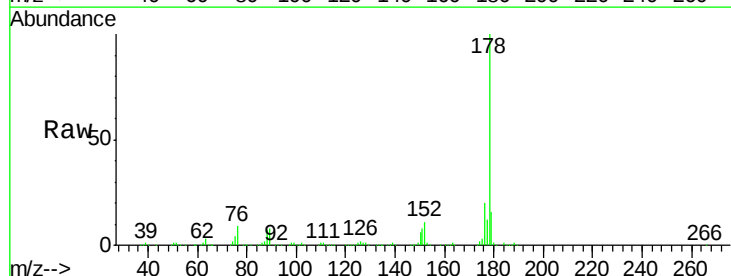
Manual Integrations
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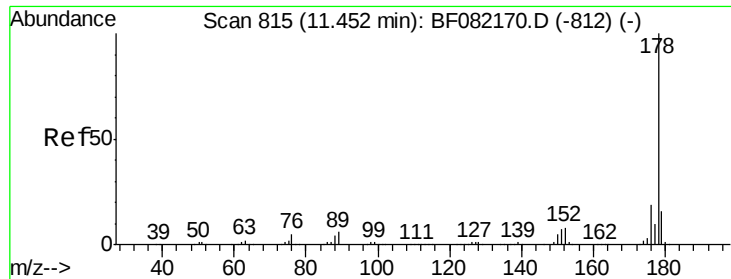
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#70
 Phenanthrene
 Concen: 44.50 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	823471		
176	20.3	16.0	24.0	
179	15.9	12.6	19.0	





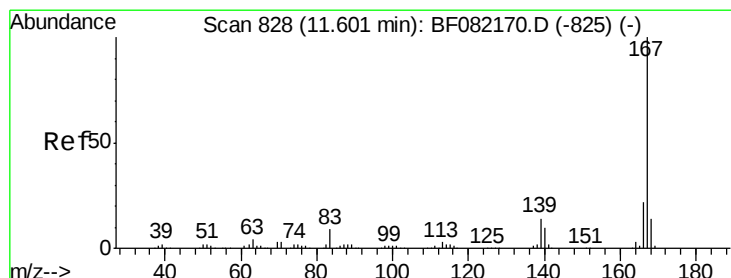
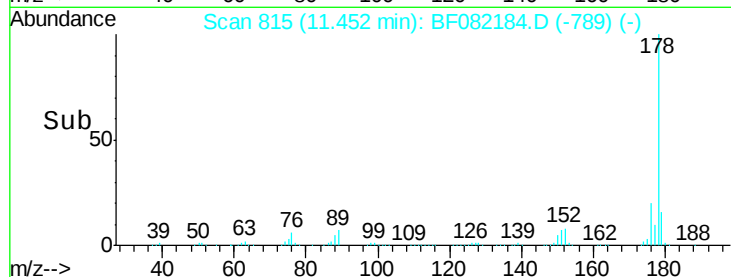
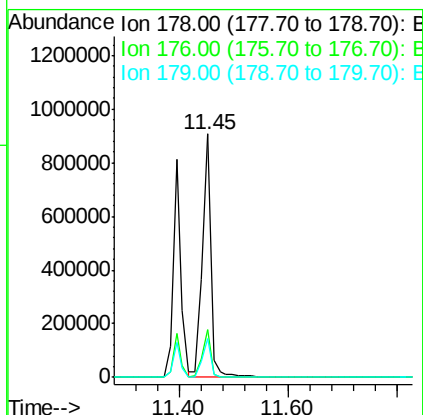
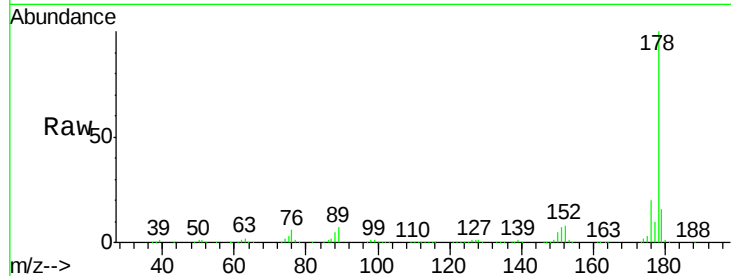
#71
 Anthracene
 Concen: 51.19 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.5	18.7

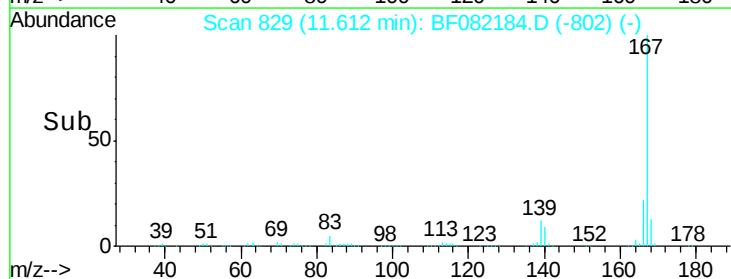
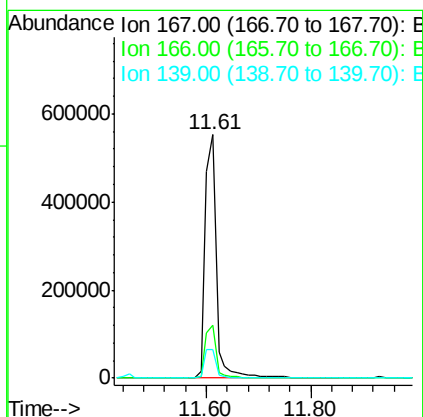
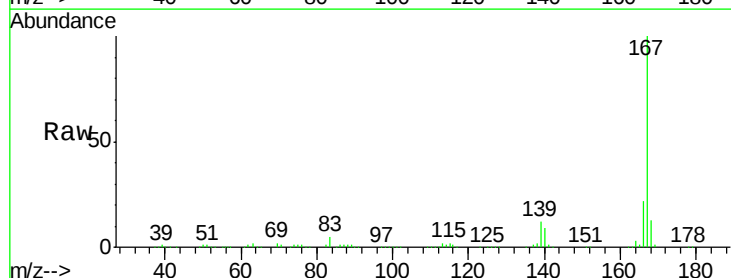
Manual Integrations
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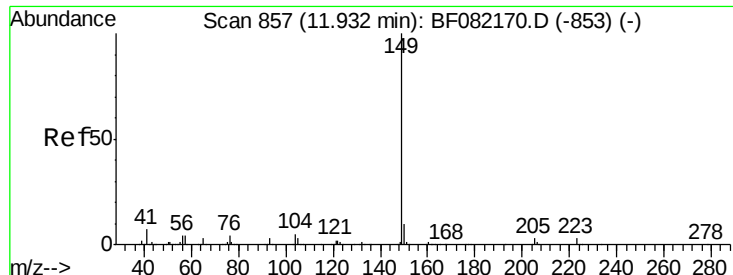
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#72
 Carbazole
 Concen: 47.65 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	11.7	11.2	16.8





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

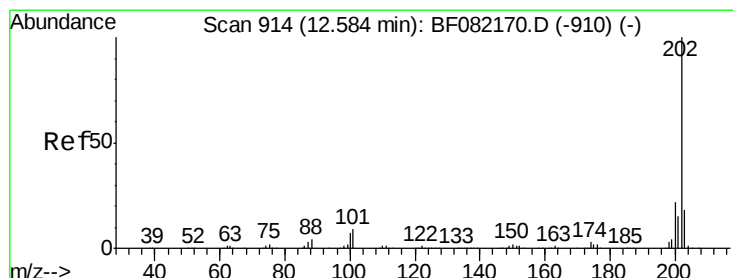
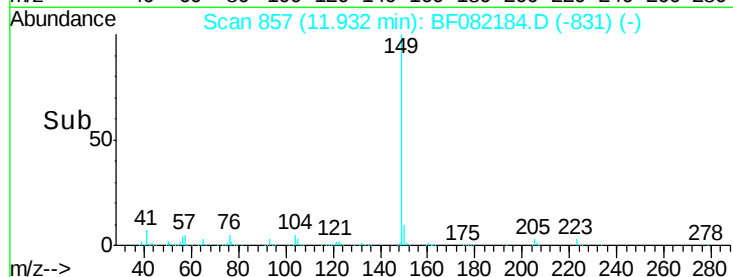
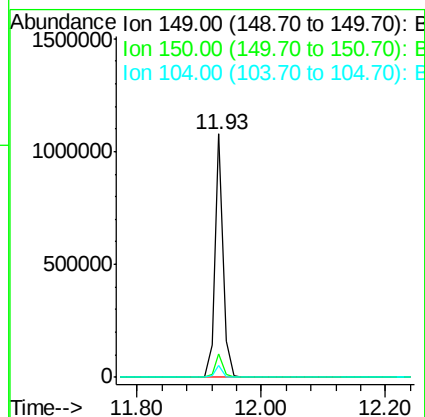
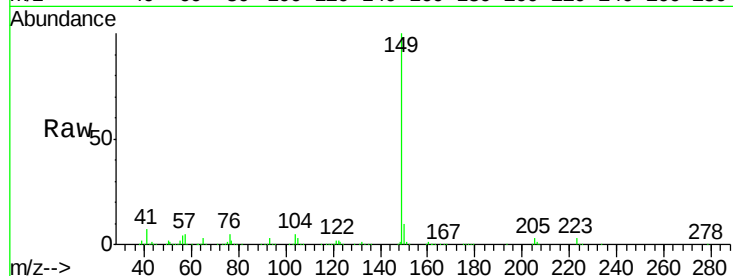
ClientSampleId :

A13COMPMS

Tgt Ion:	149	Resp:	959683
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 45.92 ng

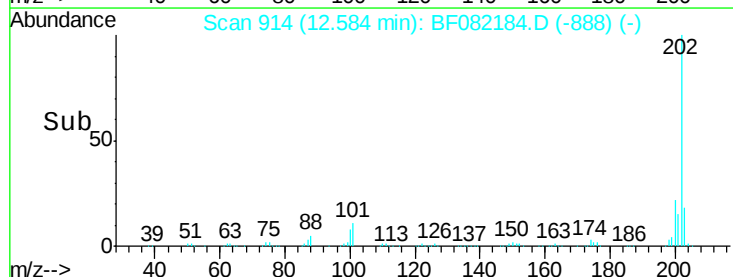
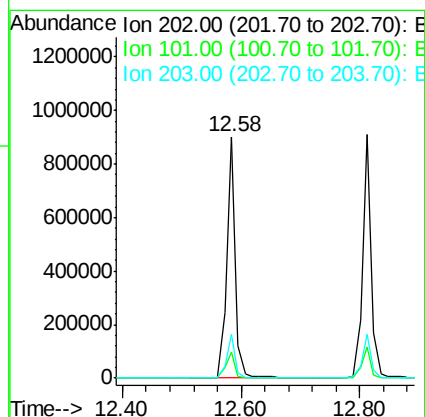
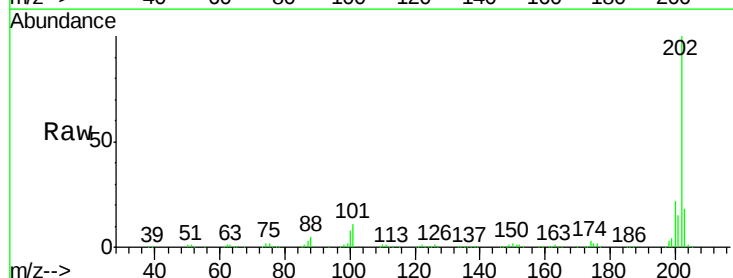
RT: 12.58 min Scan# 914

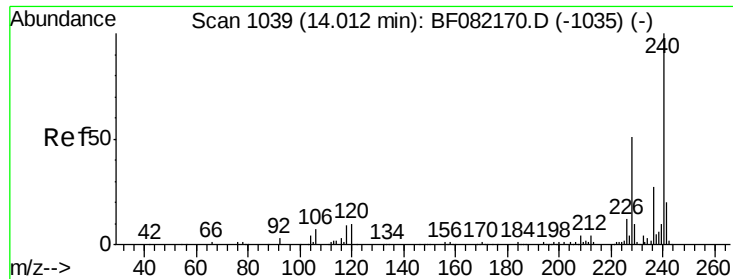
Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Tgt Ion:	202	Resp:	912622
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	29.3
203	18.2	0.0	37.8





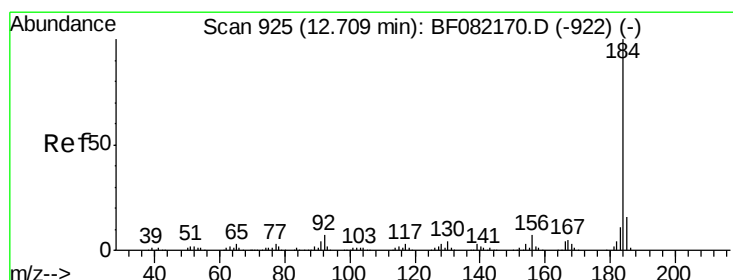
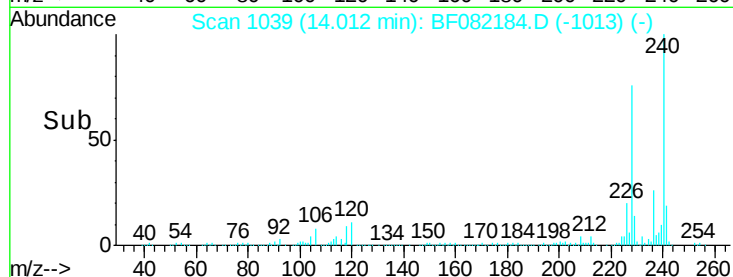
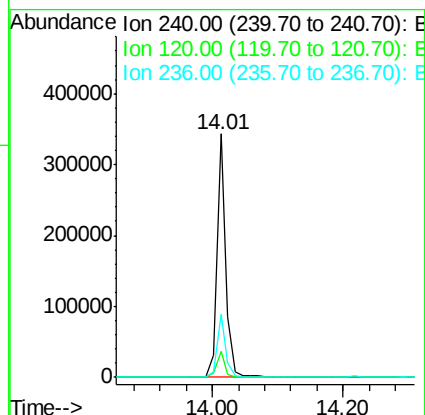
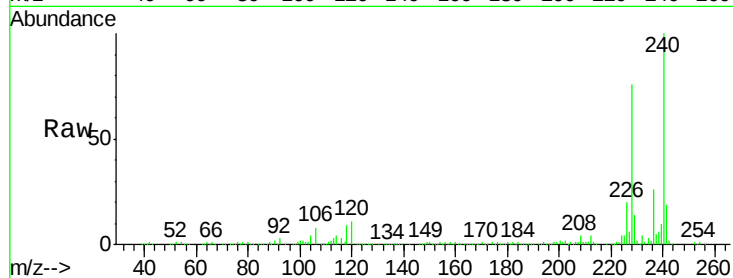
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	332251		
120	10.8	8.1	12.1	
236	25.7	21.3	31.9	

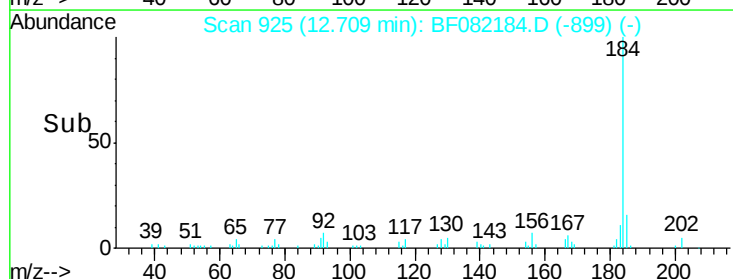
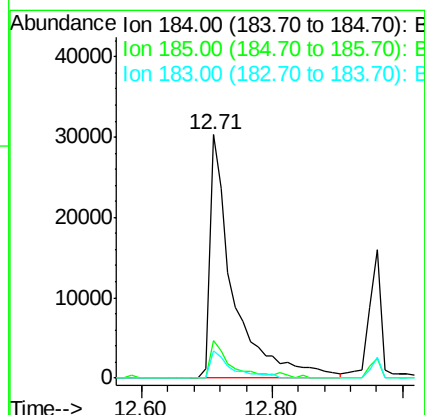
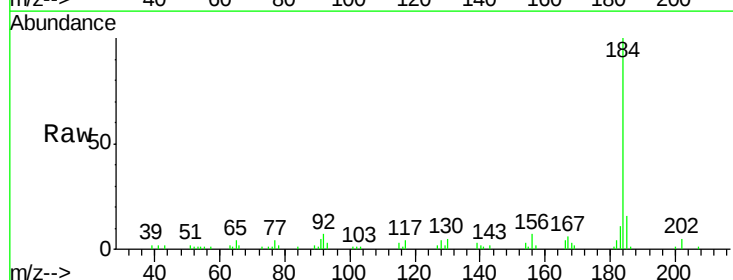
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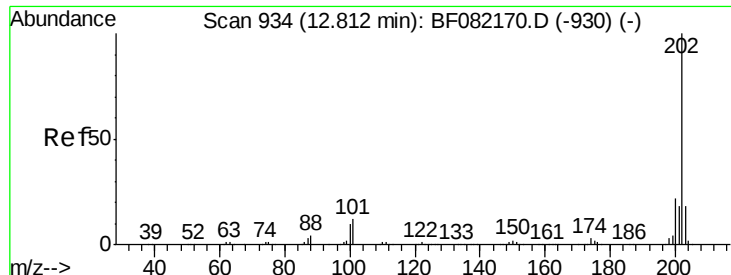
MMDadoda
10/12/2015 2:35:24 PM



#76
Benzidine
Concen: 7.76 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	74701		
185	15.6	12.5	18.7	
183	11.4	9.1	13.7	





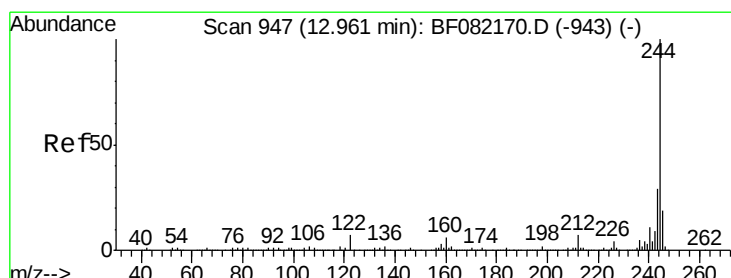
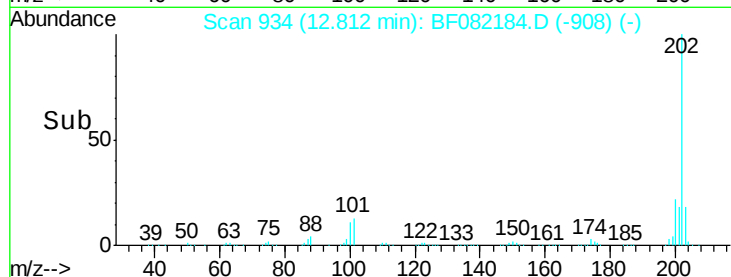
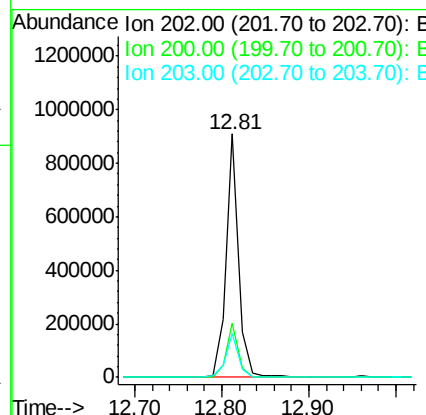
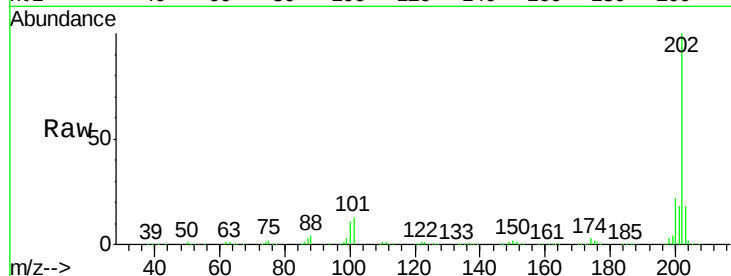
#77
 Pyrene
 Concen: 46.38 ng
 RT: 12.81 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	914462		
200	22.1	17.9	26.9	
203	17.9	14.5	21.7	

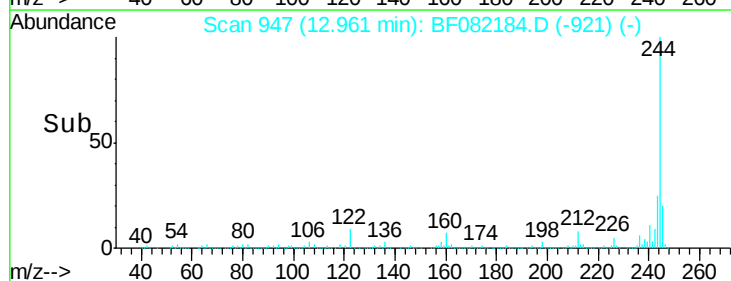
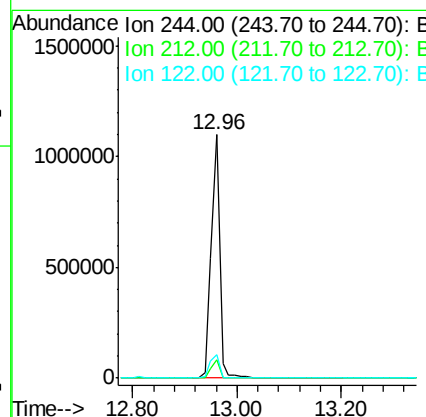
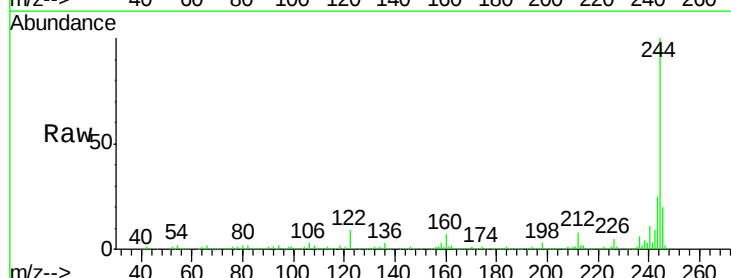
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#78
 Terphenyl-d14
 Concen: 98.32 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1232757		
212	7.8	5.8	8.6	
122	9.4	5.9	8.9#	





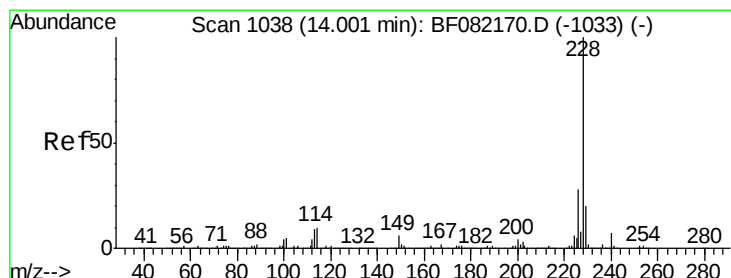
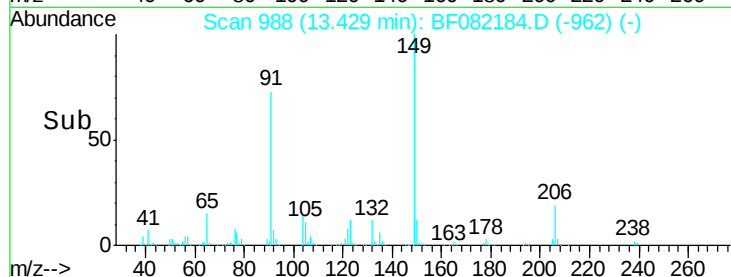
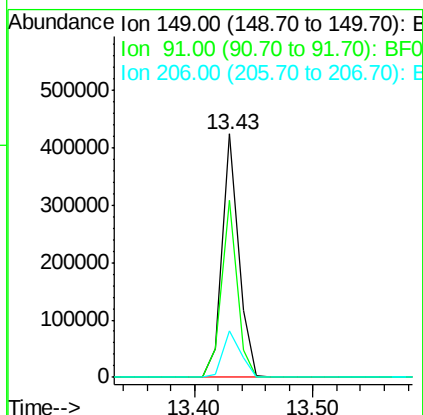
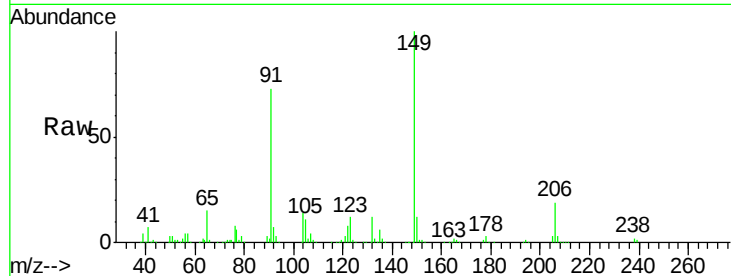
#79
Butylbenzylphthalate
Concen: 45.64 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	410708		
91	73.0	55.7	83.5	
206	18.9	15.6	23.4	

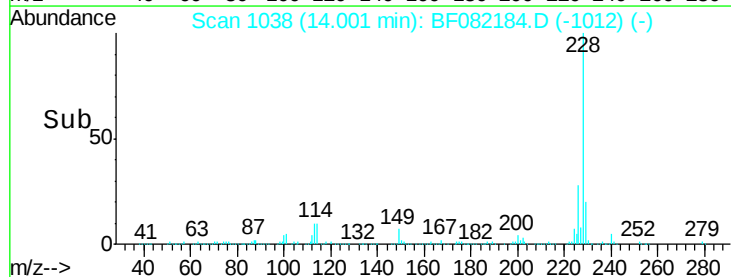
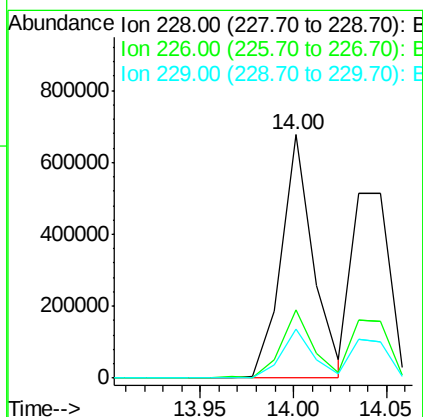
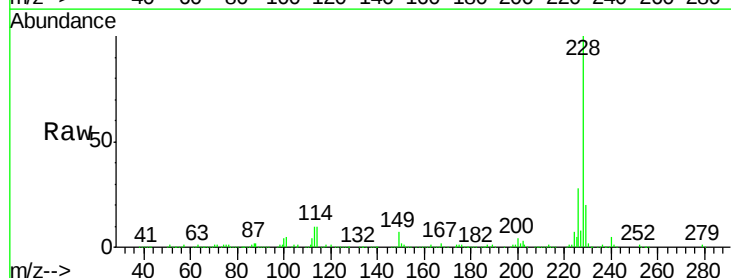
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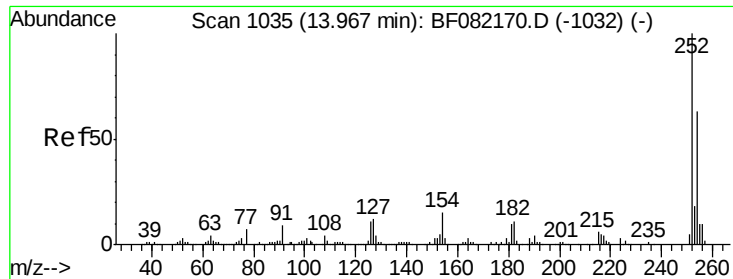
MMDadoda
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#80
Benzo(a)anthracene
Concen: 46.71 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807530		
226	28.2	22.3	33.5	
229	19.9	16.2	24.2	





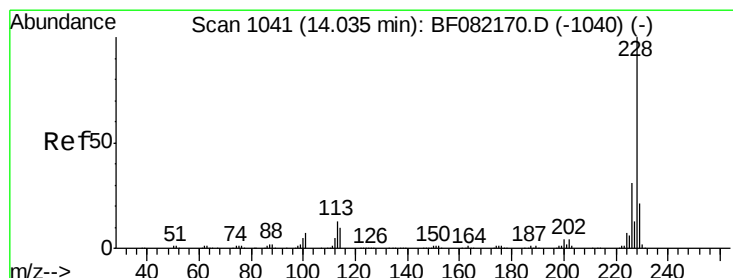
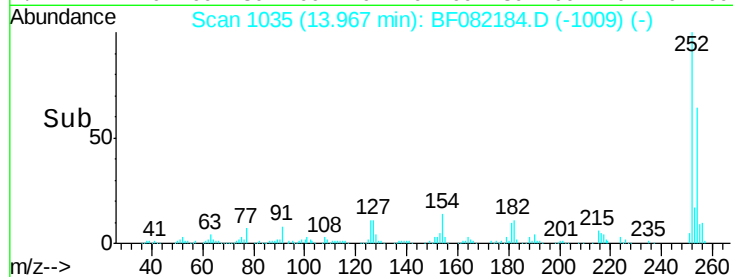
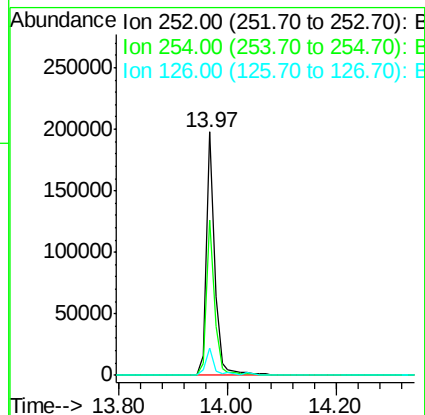
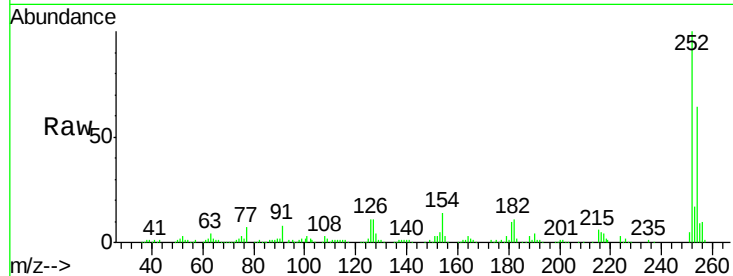
#81
 3,3'-Dichlorobenzidine
 Concen: 32.33 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	50.7	76.1
126	11.3	9.0	13.6

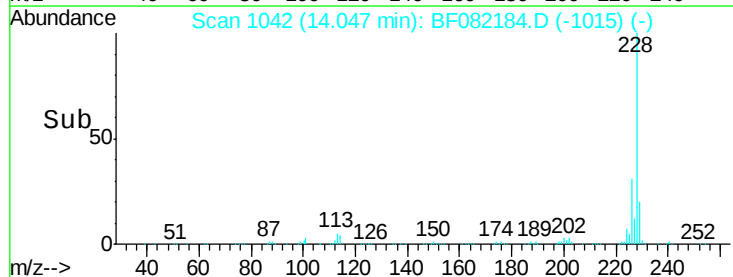
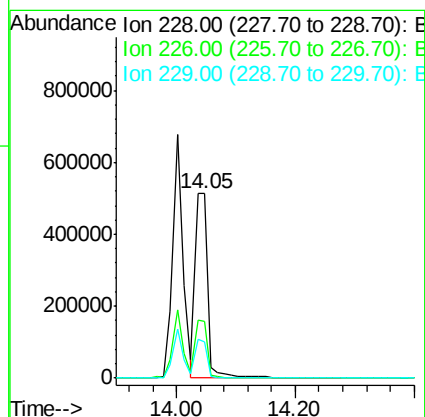
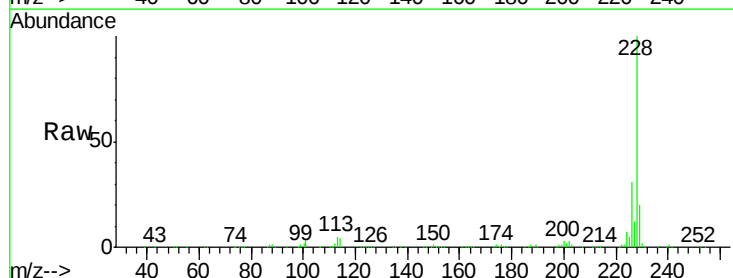
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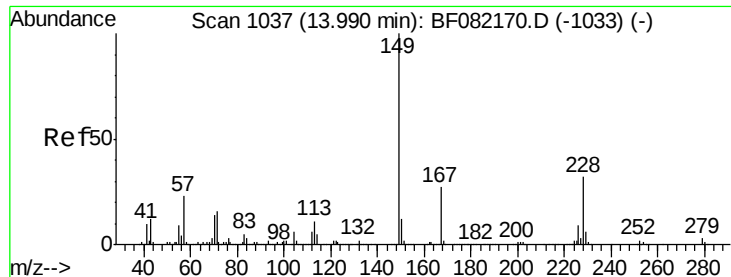
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#82
 Chrysene
 Concen: 42.10 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.4	36.6
229	19.6	16.3	24.5





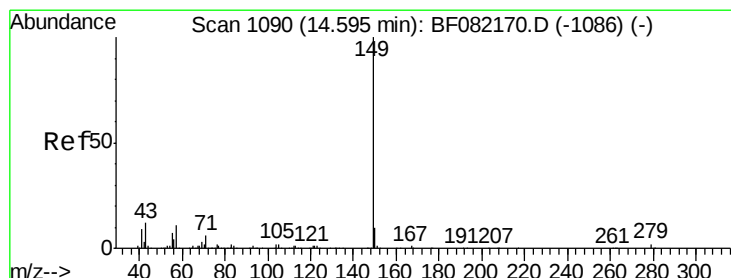
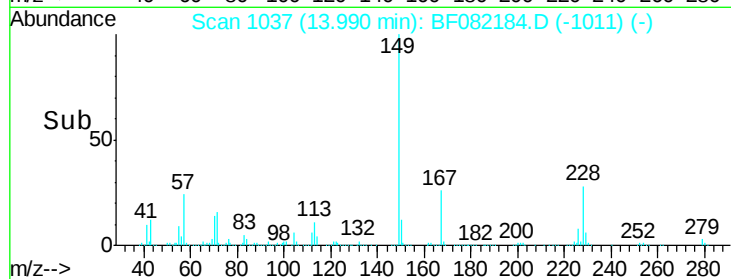
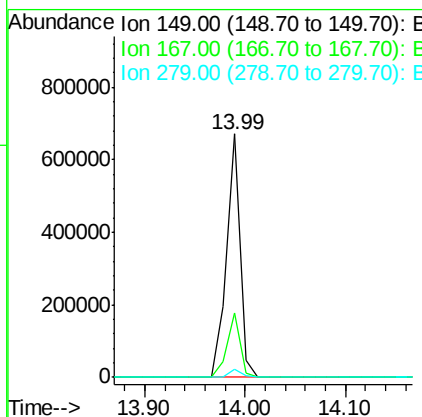
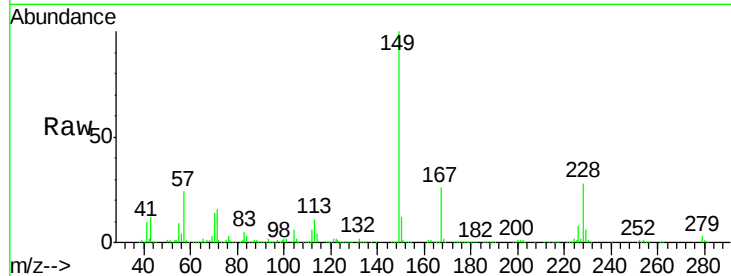
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.38 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	633932		
167	26.4	21.3	31.9	
279	3.2	2.6	4.0	

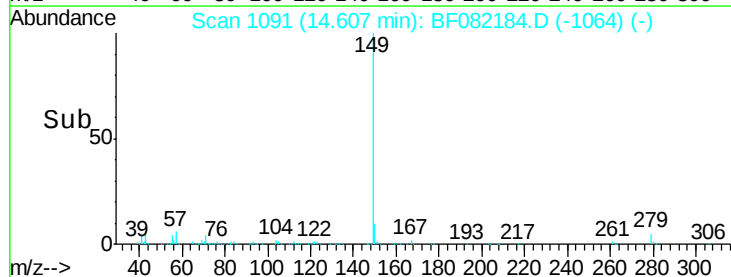
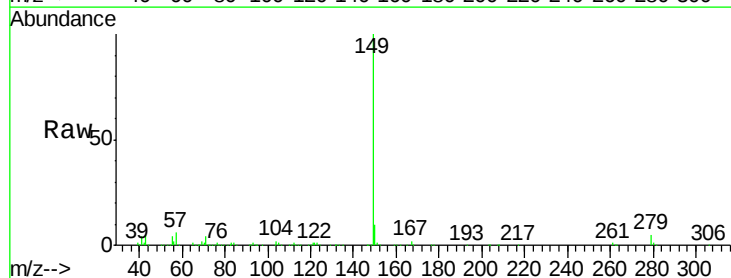
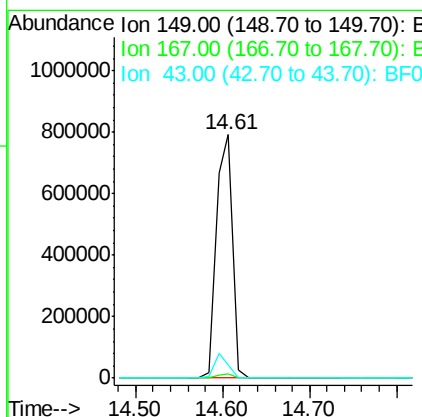
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 46.97 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.7	7.4	11.2





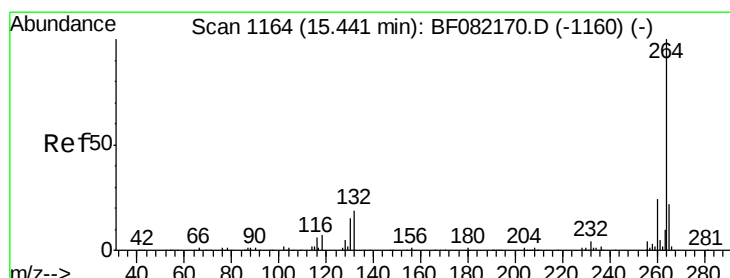
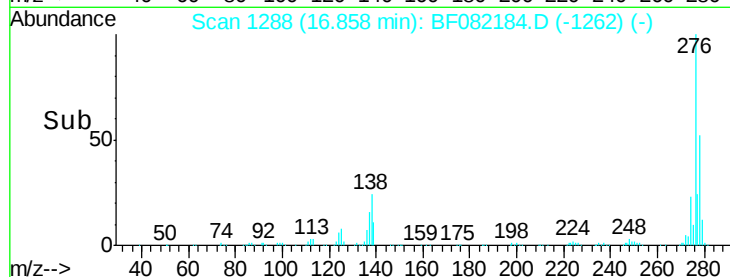
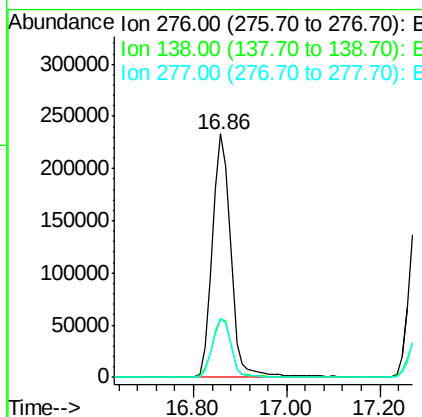
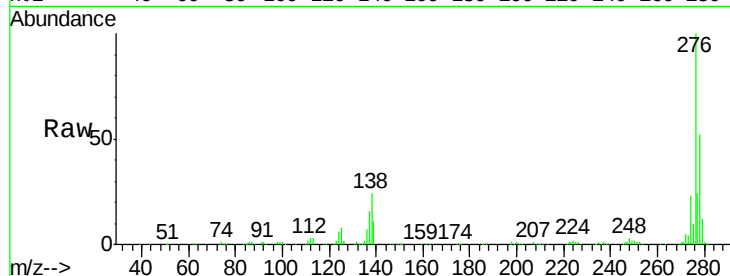
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.65 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	24.6	20.1	30.1

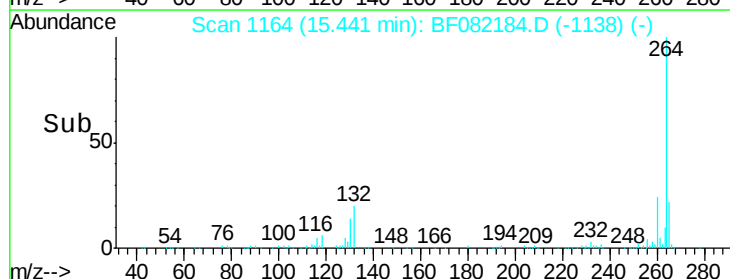
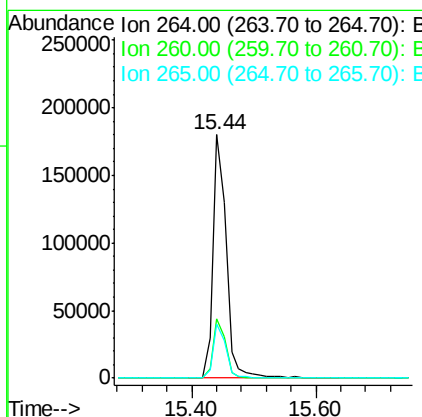
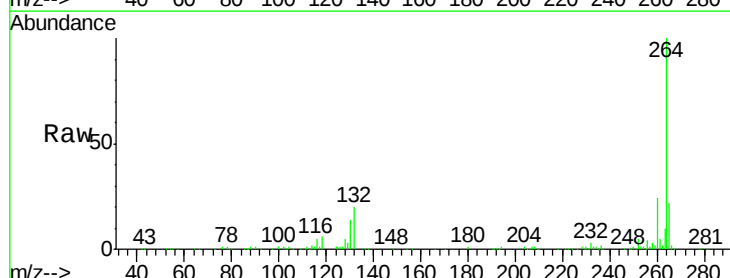
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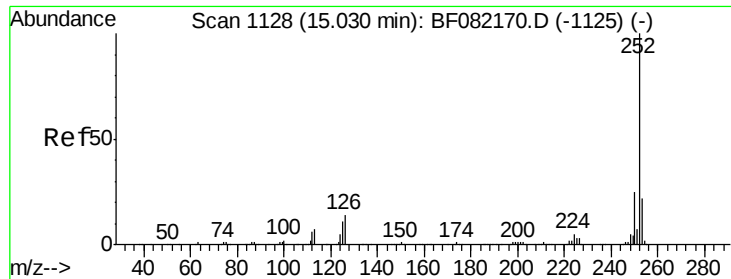
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 52.49 ng m

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082184.D

Acq: 10 Oct 2015 19:09

Instrument :

BNA_F

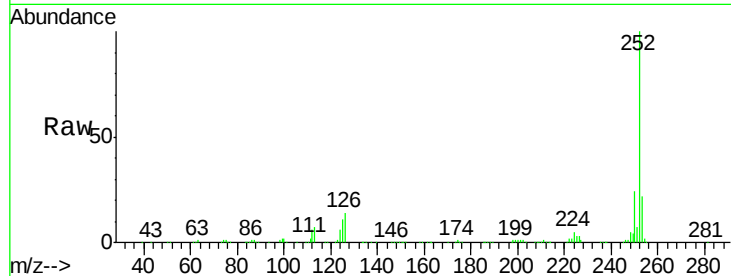
ClientSampleId :

A13COMPMS

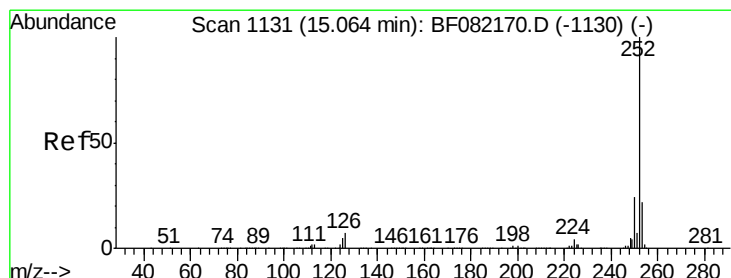
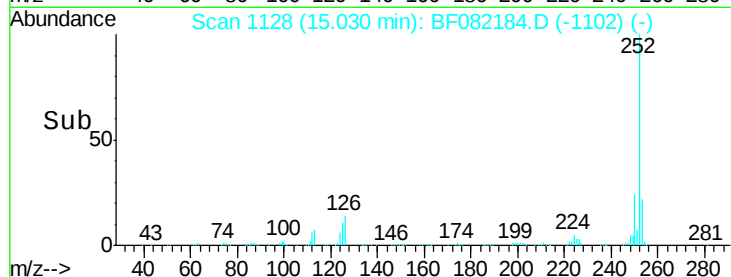
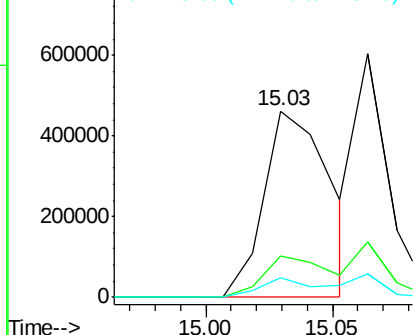
Tgt Ion:	252	Resp:	837816
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	10.9	8.6	12.8

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



#88

Benzo(k)fluoranthene

Concen: 42.79 ng m

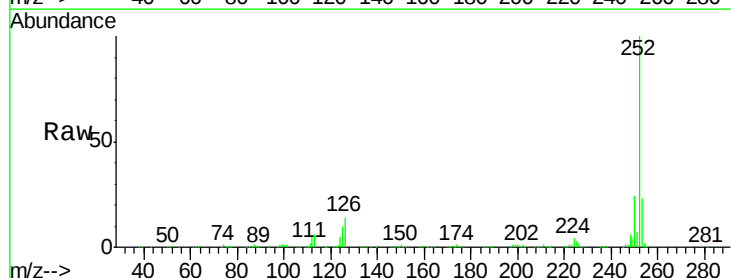
RT: 15.06 min Scan# 1131

Delta R.T. 0.00 min

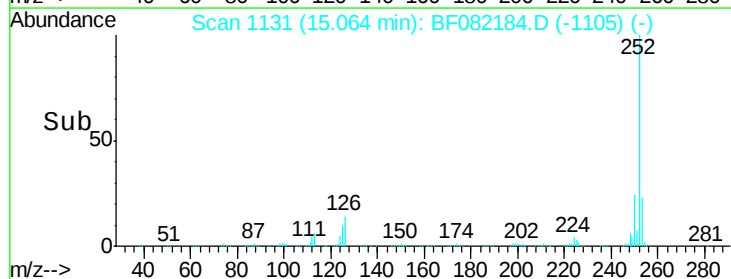
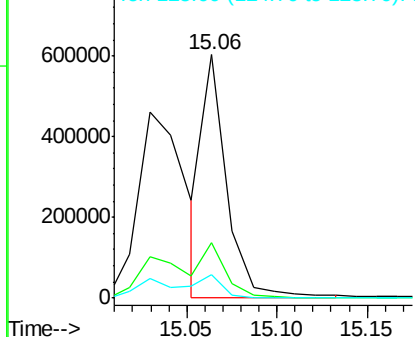
Lab File: BF082184.D

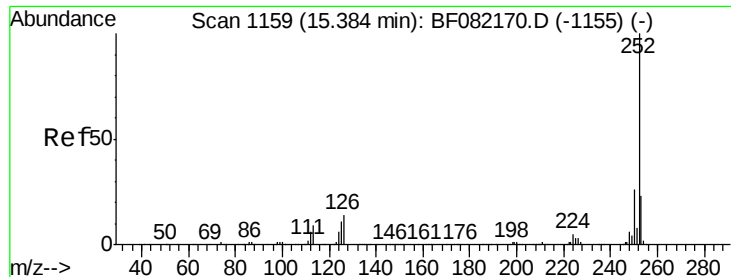
Acq: 10 Oct 2015 19:09

Tgt Ion:	252	Resp:	574048
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	9.7	6.7	10.1



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





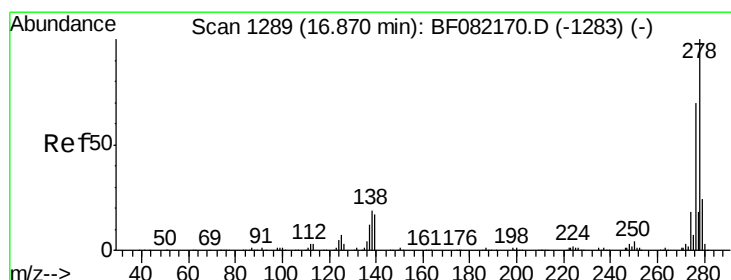
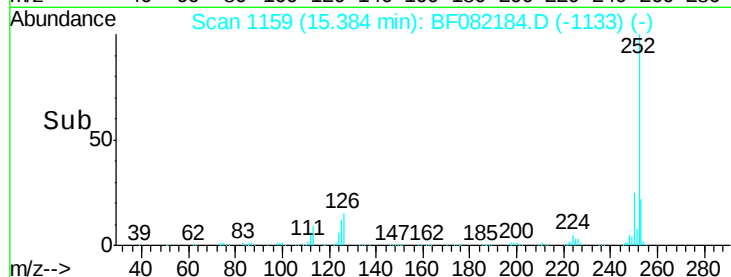
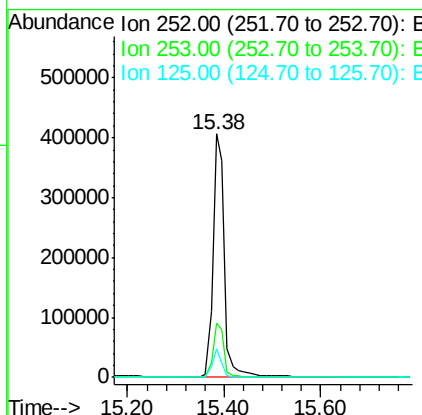
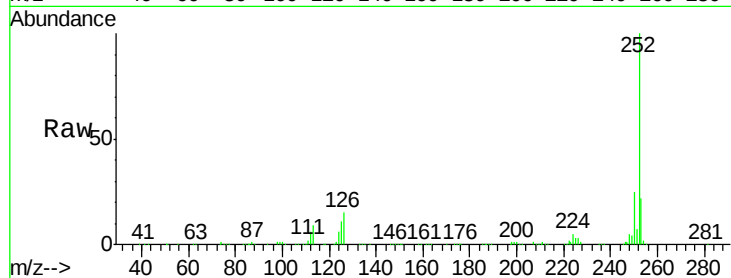
#89
Benzo(a)pyrene
Concen: 49.28 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.5	8.9	13.3

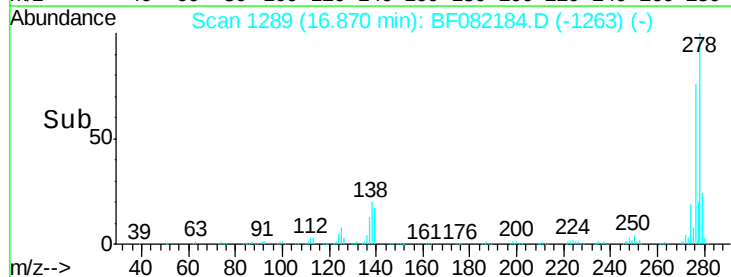
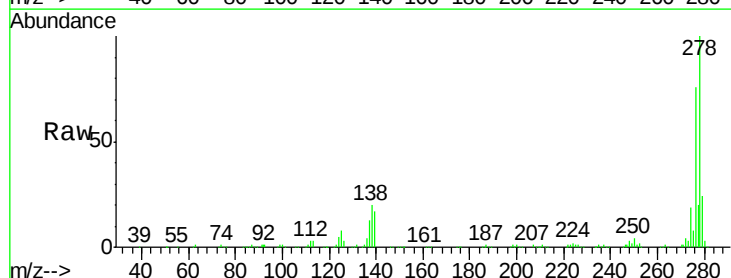
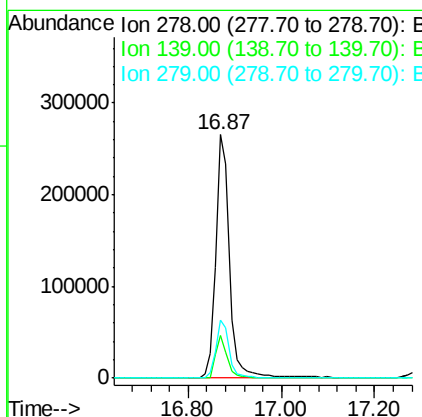
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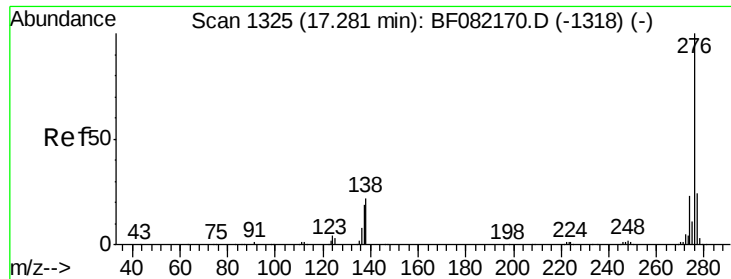
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 48.28 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082184.D
Acq: 10 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.3	19.9
279	24.1	18.9	28.3





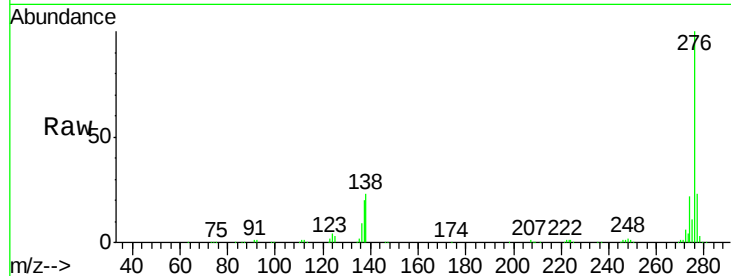
#91
 Benzo(g,h,i)perylene
 Concen: 48.59 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF082184.D
 Acq: 10 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 A13COMPMS

Tgt Ion:	276	Resp:	530645
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.7	17.4	26.2

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

