

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081543.D
 Acq On : 9 Sep 2015 3:39
 Operator : UM/IZ
 Sample : G3585-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:59:48 PM

Quant Time: Sep 09 04:43:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47827	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	191180	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	81941	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	133354	20.00	ng	0.00
75) Chrysene-d12	13.45	240	101717	20.00	ng	0.00
86) Perylene-d12	14.75	264	92155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	291588	94.59	ng	0.01
7) Phenol-d6	6.02	99	578935	141.88	ng	0.00
23) Nitrobenzene-d5	6.94	82	376170	94.93	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	42068	57.66	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	521814	81.61	ng	0.00
78) Terphenyl-d14	12.42	244	365876	83.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	54152	39.11	ng	# 76
3) Pyridine	2.24	79	170814	44.74	ng	# 86
4) n-Nitrosodimethylamine	2.22	42	113395	53.47	ng	# 71
6) Aniline	6.01	93	173415	30.10	ng	# 80
8) 2-Chlorophenol	6.14	128	126406	37.21	ng	# 89
9) Benzaldehyde	5.88	77	103604	40.52	ng	# 83
10) Phenol	6.04	94	205308	43.39	ng	# 73
11) bis(2-Chloroethyl)ether	6.10	93	160891	47.13	ng	# 86
12) 1,3-Dichlorobenzene	6.28	146	169637	46.74	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	167324	45.28	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	141698	42.59	ng	# 96
15) Benzyl Alcohol	6.52	79	173049	51.70	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	6.66	45	338715	51.76	ng	# 73
17) 2-Methylphenol	6.65	107	128689	47.48	ng	# 74
18) Hexachloroethane	6.86	117	58747	40.86	ng	# 90
19) n-Nitroso-di-n-propylamine	6.80	70	140060	50.43	ng	# 87
20) 3+4-Methylphenols	6.81	107	167985	45.97	ng	# 87
22) Acetophenone	6.78	105	238651	45.70	ng	# 73
24) Nitrobenzene	6.95	77	181123	44.02	ng	# 61
25) Isophorone	7.20	82	343900	46.66	ng	# 89
26) 2-Nitrophenol	7.27	139	33563	18.71	ng	# 55
27) 2,4-Dimethylphenol	7.34	122	157485	50.84	ng	# 78
28) bis(2-Chloroethoxy)methane	7.43	93	212516	49.92	ng	# 93
29) 2,4-Dichlorophenol	7.52	162	82968	30.89	ng	# 90
30) 1,2,4-Trichlorobenzene	7.59	180	129518	44.38	ng	# 97
31) Naphthalene	7.67	128	1225147	120.16	ng	# 97
33) 4-Chloroaniline	7.72	127	105598	25.39	ng	# 80
34) Hexachlorobutadiene	7.79	225	77634	43.71	ng	# 98
35) Caprolactam	8.09	113	35156	42.67	ng	# 25
36) 4-Chloro-3-methylphenol	8.24	107	140952	46.88	ng	# 75
37) 2-Methylnaphthalene	8.35	142	322303	48.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	113257	43.70	ng	# 100
40) Hexachlorocyclopentadiene	8.50	237	9728	7.65	ng	# 95
42) 2,4,6-Trichlorophenol	8.64	196	24683	13.80	ng	# 97

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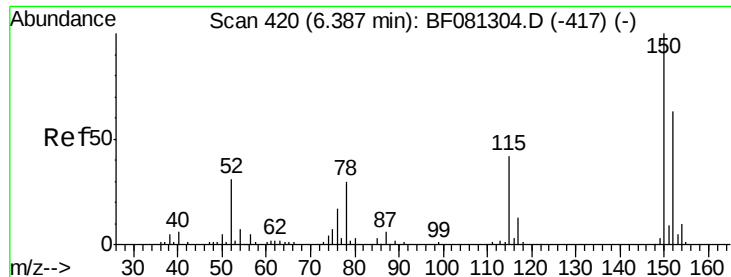
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.68	196	35359	19.38	ng	# 75
45) 1,1'-Biphenyl	8.82	154	354580	47.04	ng	95
46) 2-Chloronaphthalene	8.83	162	260261	47.81	ng	# 90
47) 2-Nitroaniline	8.95	65	122415	55.17	ng	# 67
48) Acenaphthylene	9.24	152	416993	43.17	ng	97
49) Dimethylphthalate	9.14	163	520183	81.71	ng	# 97
50) 2,6-Dinitrotoluene	9.20	165	64937	44.94	ng	# 90
51) Acenaphthene	9.42	154	249675	45.44	ng	90
52) 3-Nitroaniline	9.36	138	70406	42.80	ng	# 69
54) Dibenzofuran	9.59	168	357795	44.60	ng	93
55) 4-Nitrophenol	9.55	139	14996m	14.51	ng	
56) 2,4-Dinitrotoluene	9.59	165	72253	39.27	ng	# 30
57) Fluorene	9.92	166	266438	43.76	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	15591	11.19	ng	# 76
59) Diethylphthalate	9.83	149	351251	52.45	ng	97
60) 4-Chlorophenyl-phenylether	9.93	204	129967	45.80	ng	93
61) 4-Nitroaniline	9.96	138	69921	42.07	ng	# 45
62) Azobenzene	10.08	77	328331	44.10	ng	82
65) n-Nitrosodiphenylamine	10.04	169	224585	46.28	ng	91
66) 4-Bromophenyl-phenylether	10.41	248	71432	52.98	ng	# 90
67) Hexachlorobenzene	10.46	284	66074	46.87	ng	# 62
68) Atrazine	10.58	200	65639	46.74	ng	83
69) Pentachlorophenol	10.66	266	9035	20.47	ng	94
70) Phenanthrene	10.87	178	360733	48.66	ng	97
71) Anthracene	10.91	178	312695	41.05	ng	98
72) Carbazole	11.08	167	339662	47.52	ng	97
73) Di-n-butylphthalate	11.44	149	446208	52.87	ng	# 98
74) Fluoranthene	12.03	202	285996	35.63	ng	90
76) Benzidine	12.18	184	181426	41.55	ng	99
77) Pyrene	12.26	202	316947	42.07	ng	97
79) Butylbenzylphthalate	12.91	149	148637	45.36	ng	99
80) Benzo(a)anthracene	13.44	228	285883	44.13	ng	96
81) 3,3'-Dichlorobenzidine	13.42	252	79179	36.24	ng	# 95
82) Chrysene	13.47	228	224189	38.61	ng	96
83) Bis(2-ethylhexyl)phthalate	13.47	149	199731	46.19	ng	# 89
84) Di-n-octyl phthalate	14.08	149	342752	48.14	ng	# 94
85) Indeno(1,2,3-cd)pyrene	15.83	276	225681	52.97	ng	# 85
87) Benzo(b)fluoranthene	14.43	252	294467m	44.76	ng	
88) Benzo(k)fluoranthene	14.46	252	227164m	41.61	ng	
89) Benzo(a)pyrene	14.71	252	240238	43.09	ng	# 87
90) Dibenzo(a,h)anthracene	15.84	278	194670	45.19	ng	# 81
91) Benzo(g,h,i)perylene	16.15	276	170168	41.39	ng	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

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BNA_F

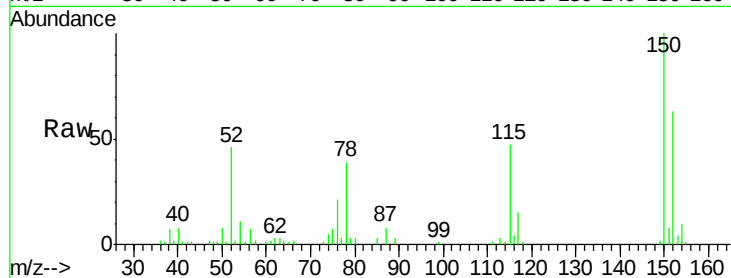
ClientSampleId :

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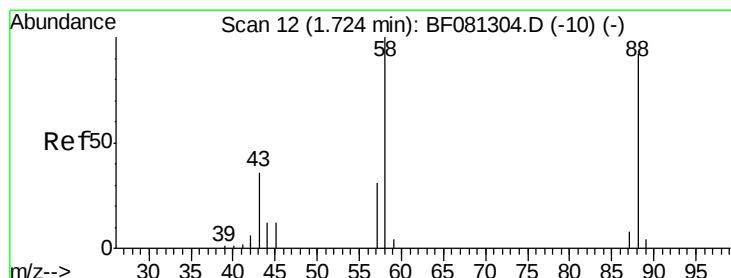
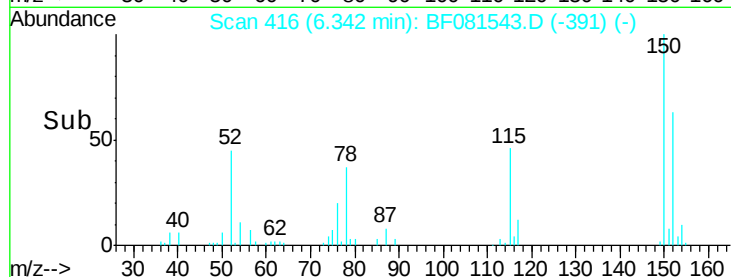
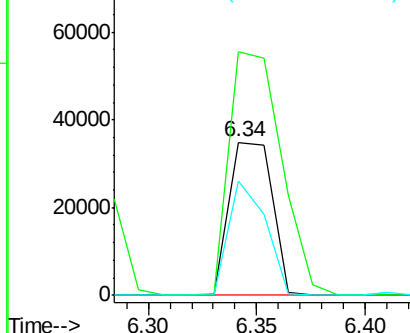
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	75.0	39.0	58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.11 ng

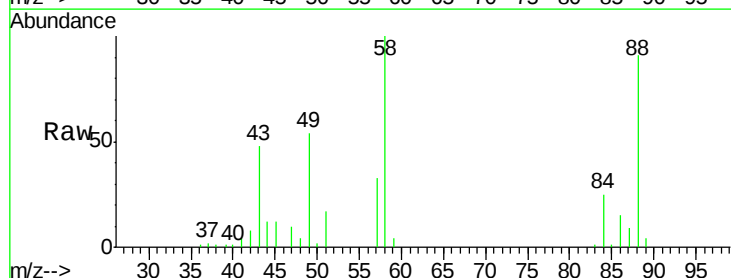
RT: 1.70 min Scan# 10

Delta R.T. 0.03 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

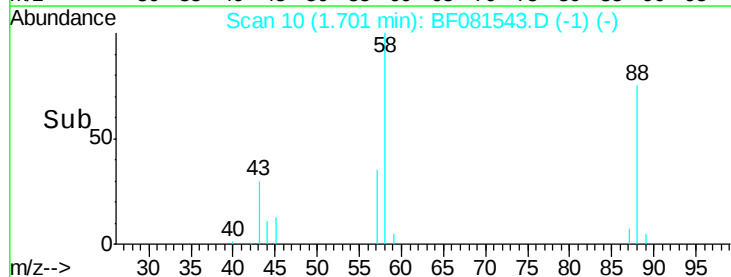
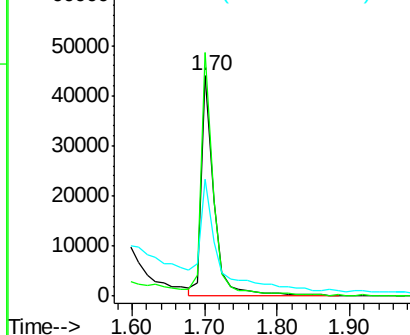
Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.7	77.7	116.5
43	65.8	26.6	40.0

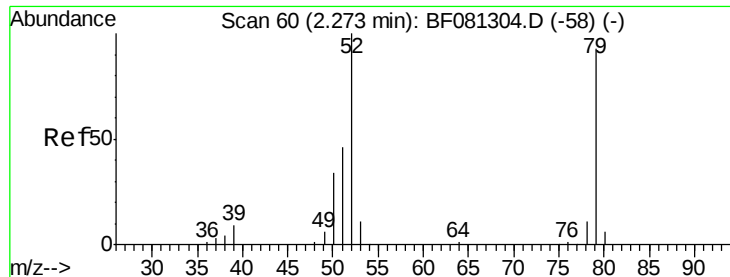


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.74 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.03 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

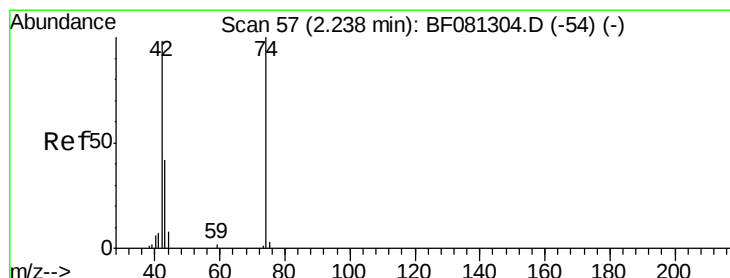
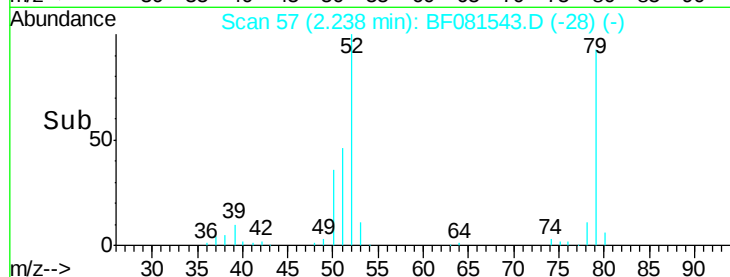
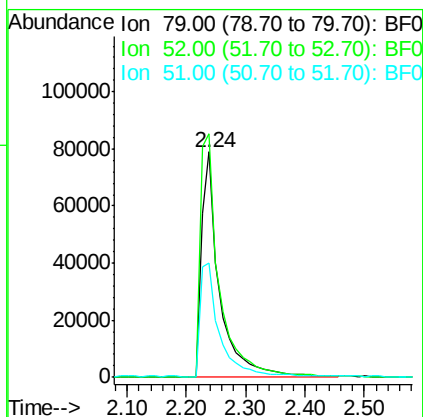
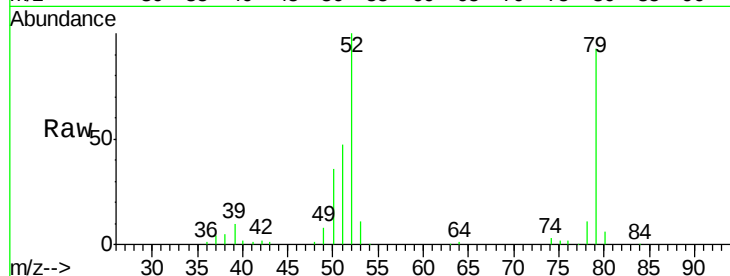
ClientSampleId :

MGP212BR(51.5-54)MSD

Tgt Ion:	79	Resp:	170814
Ion	Ratio	Lower	Upper
79	100		
52	108.0	76.8	115.2
51	50.7	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 53.47 ng

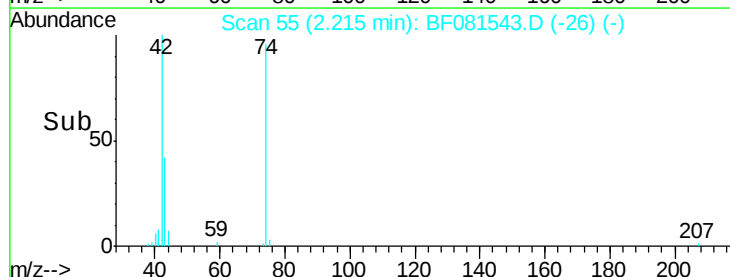
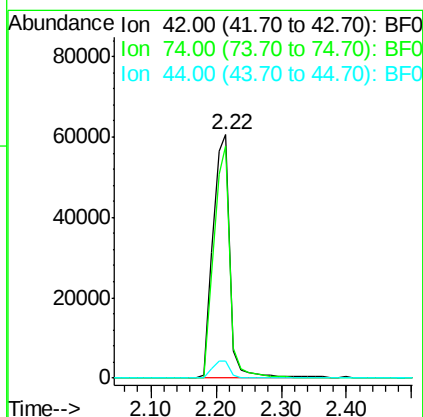
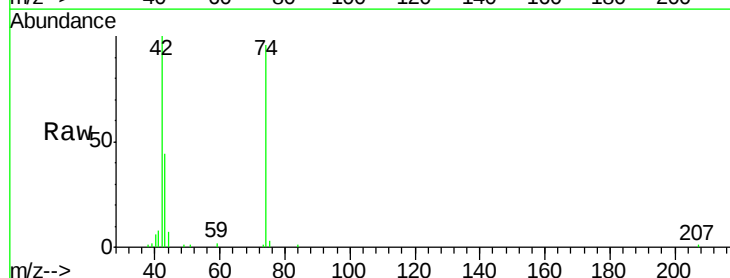
RT: 2.22 min Scan# 55

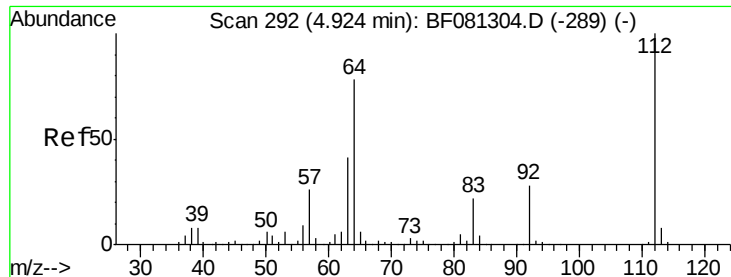
Delta R.T. 0.03 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion:	42	Resp:	113395
Ion	Ratio	Lower	Upper
42	100		
74	95.5	105.0	157.6#
44	7.2	6.6	10.0





#5

2-Fluorophenol

Concen: 94.59 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081543.D

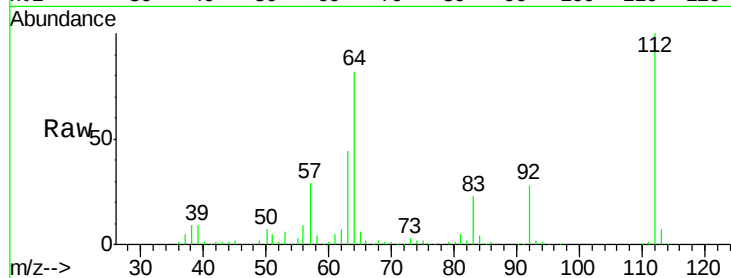
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

MGP212BR(51.5-54)MSD



Tgt Ion: 112 Resp: 291588

Ion Ratio Lower Upper

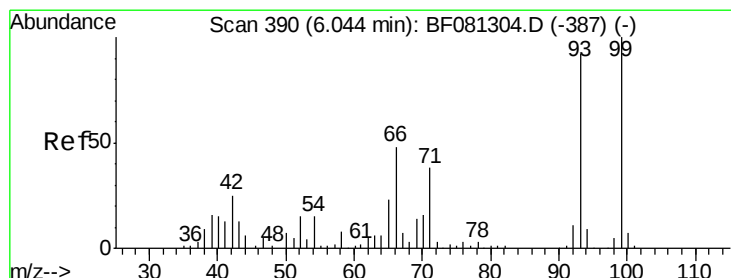
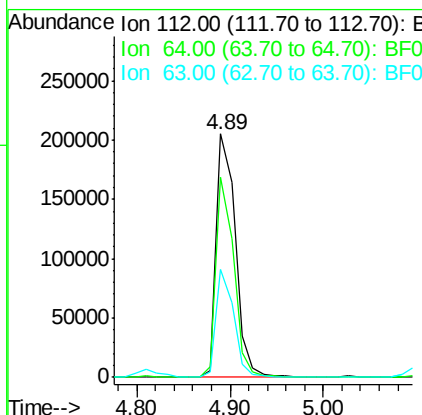
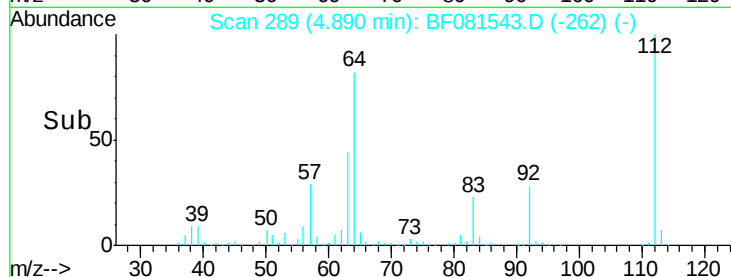
112 100

64 82.4 39.7 59.5#

63 44.5 17.4 26.0#

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#6

Aniline

Concen: 30.10 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

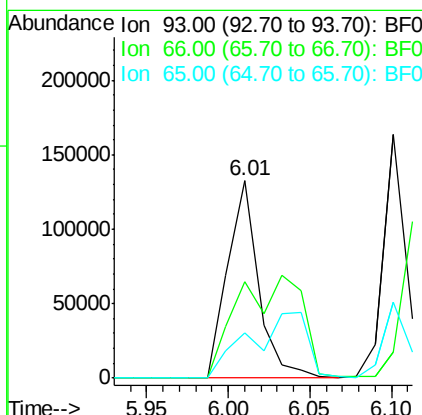
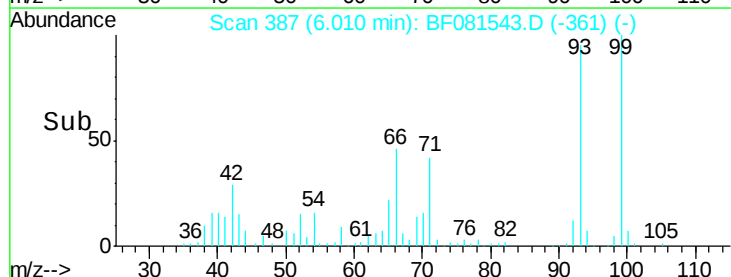
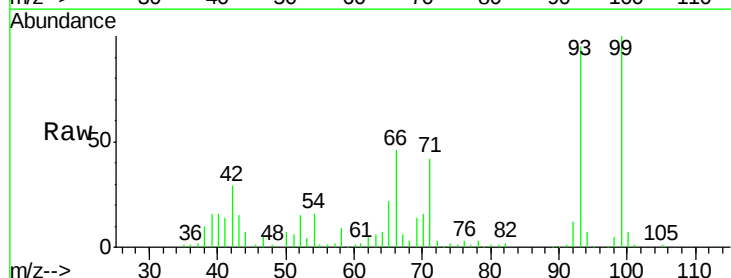
Tgt Ion: 93 Resp: 173415

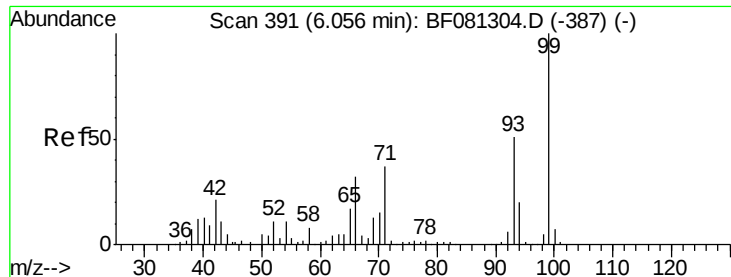
Ion Ratio Lower Upper

93 100

66 48.8 27.2 40.8#

65 23.0 14.7 22.1#





#7

Phenol-d6

Concen: 141.88 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 578935

Ion Ratio Lower Upper

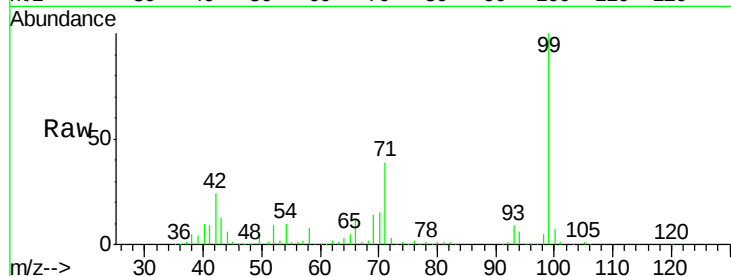
99 100

42 24.3 13.7 20.5#

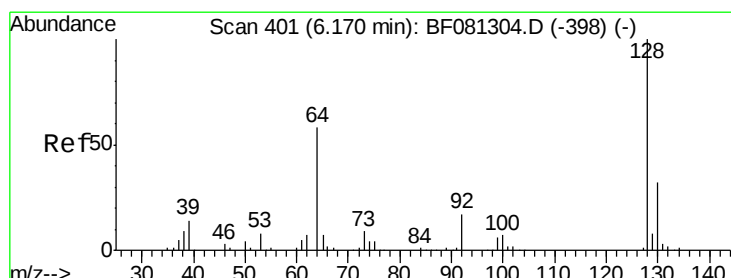
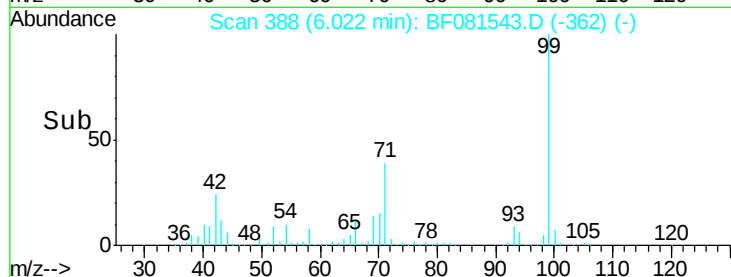
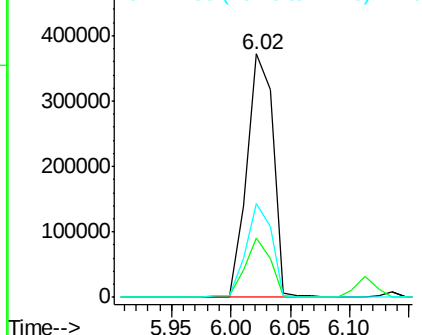
71 38.7 14.2 21.2#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.21 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

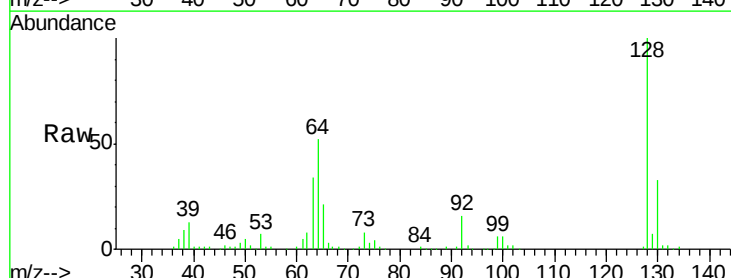
Tgt Ion: 128 Resp: 126406

Ion Ratio Lower Upper

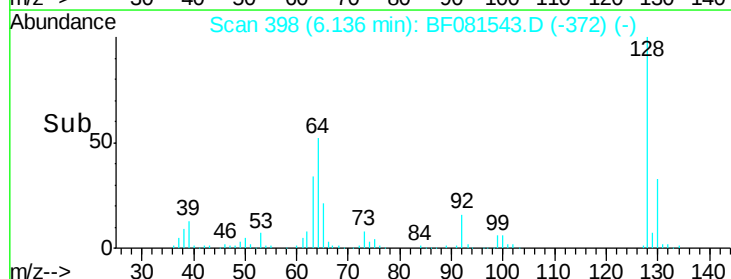
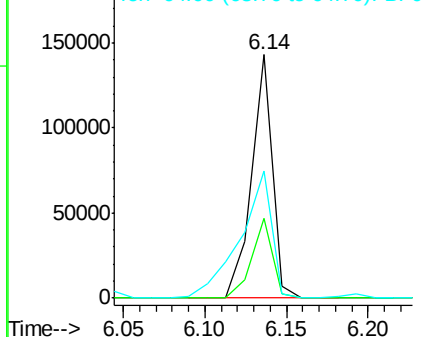
128 100

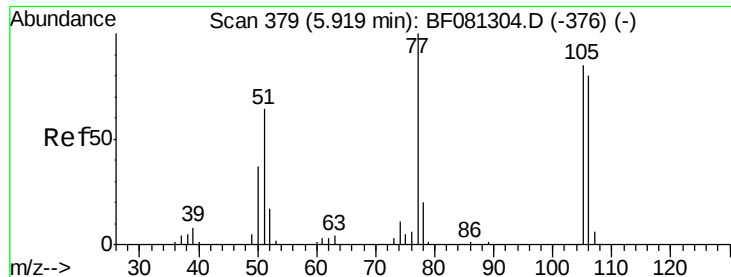
130 32.6 12.2 52.2

64 52.0 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.52 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

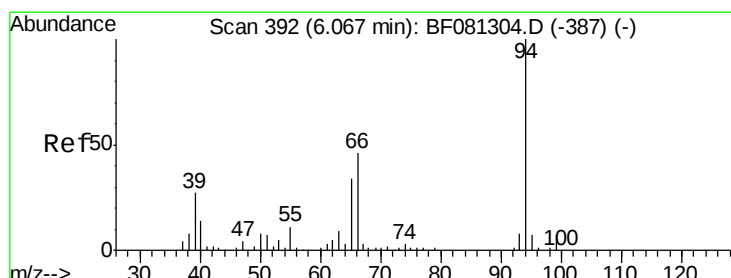
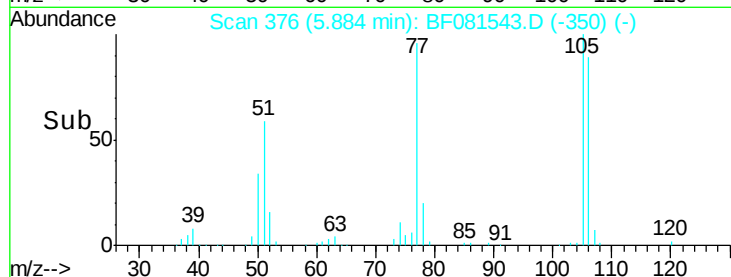
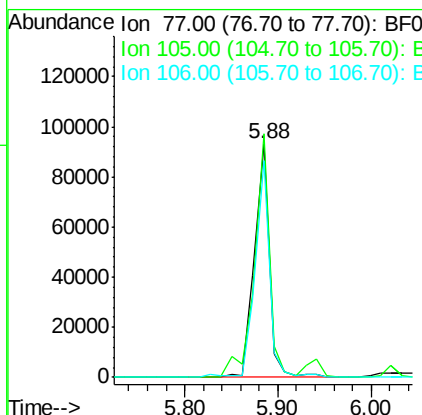
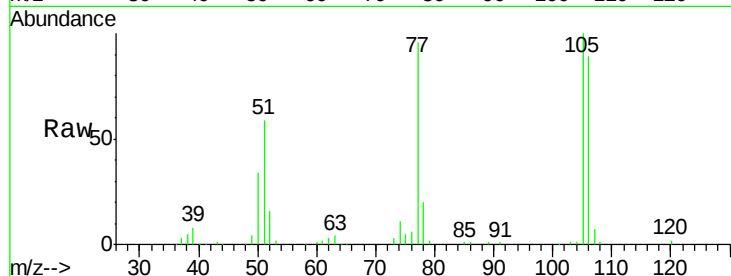
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.1	91.6	131.6
106	92.9	102.6	142.6



#10

Phenol

Concen: 43.39 ng

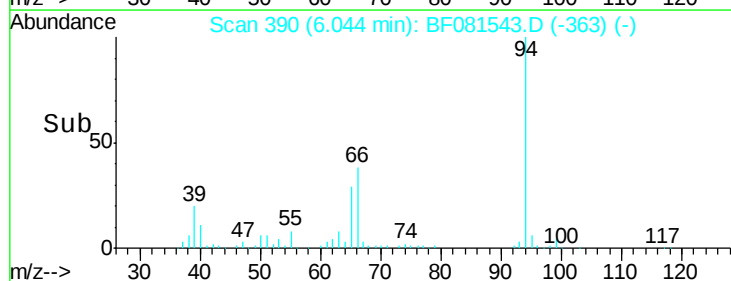
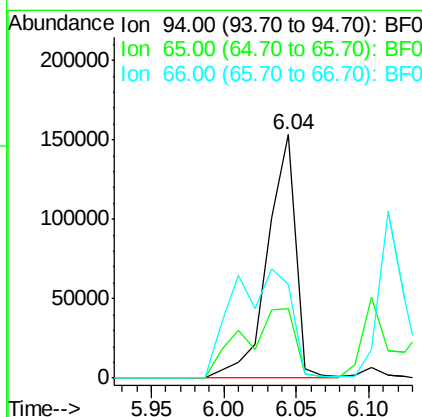
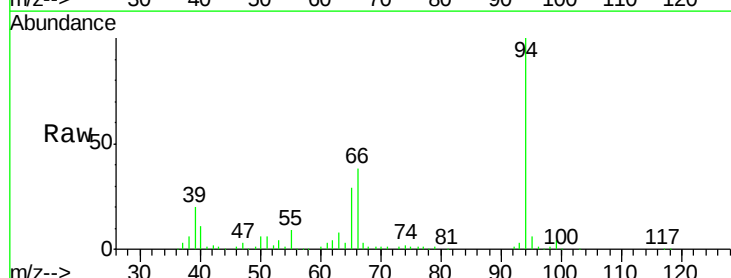
RT: 6.04 min Scan# 390

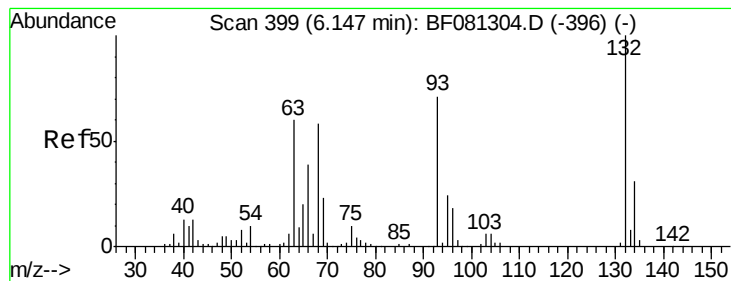
Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	0.7	40.7
66	38.3	0.8	40.8





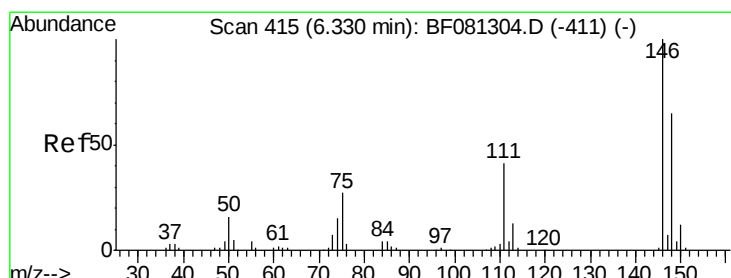
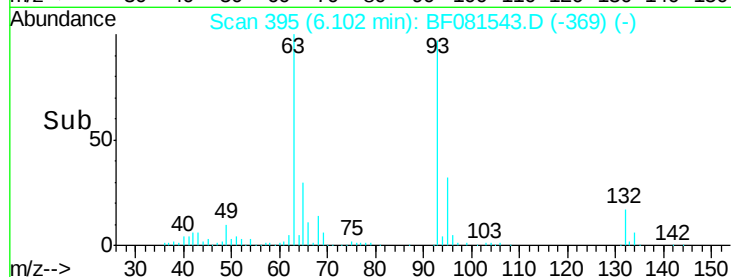
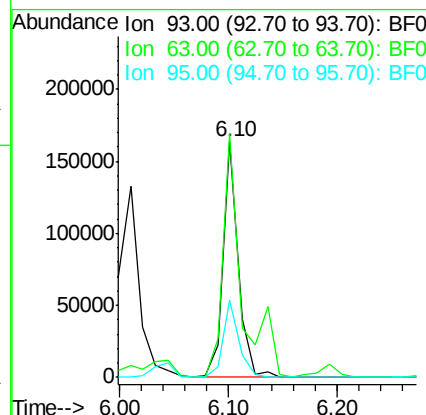
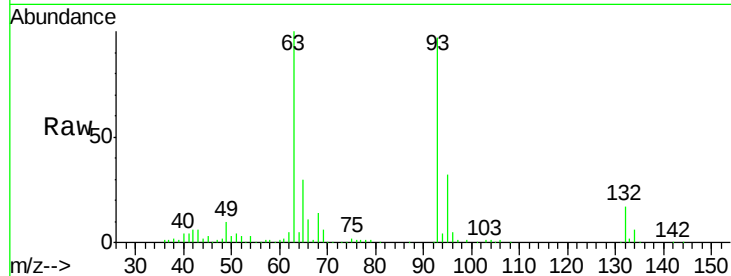
#11
bis(2-Chloroethyl)ether
Concen: 47.13 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	160891		
63	103.4	65.6	105.6	
95	33.0	13.6	53.6	

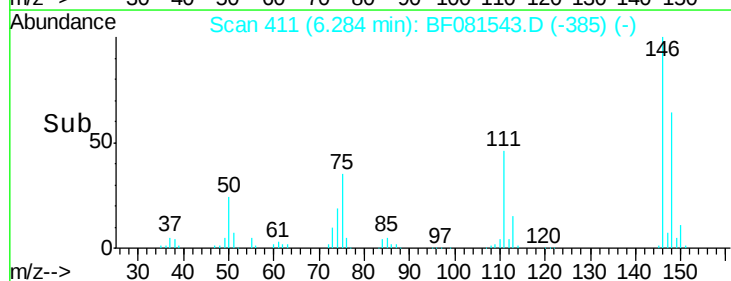
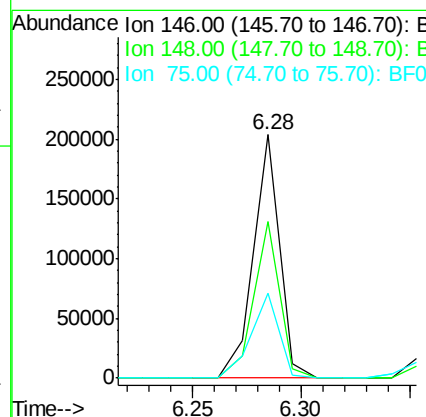
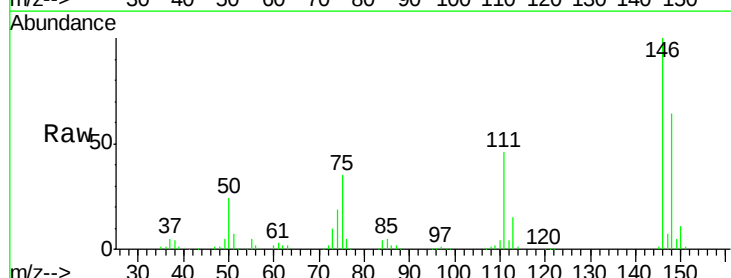
Manual Integrations
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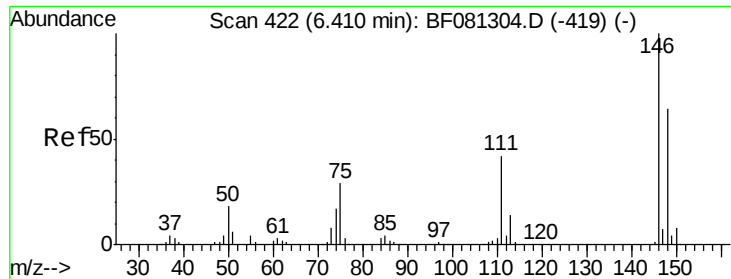
MMDadoda
9/9/2015 2:59:48 PM



#12
1,3-Dichlorobenzene
Concen: 46.74 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169637		
148	64.1	51.0	76.4	
75	34.6	15.0	22.6	





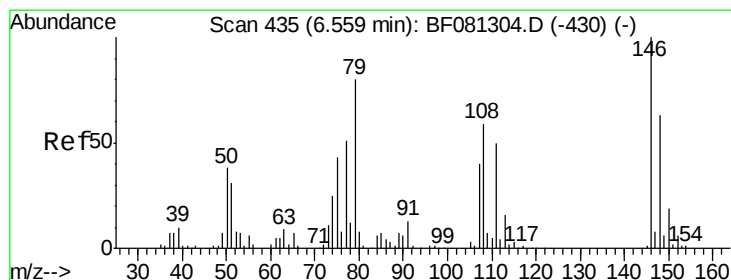
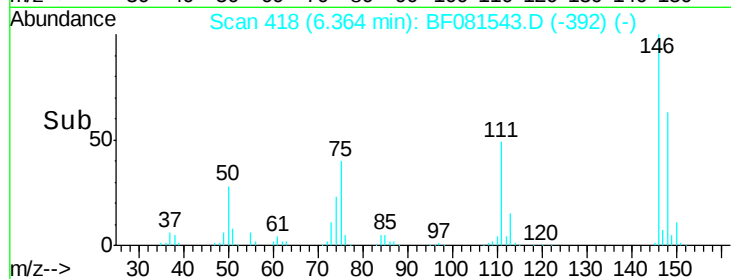
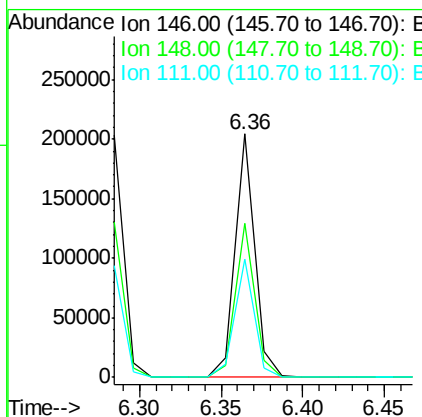
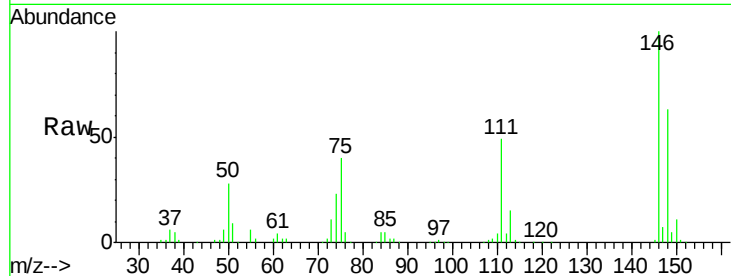
#13
 1,4-Dichlorobenzene
 Concen: 45.28 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	48.7	24.9	37.3

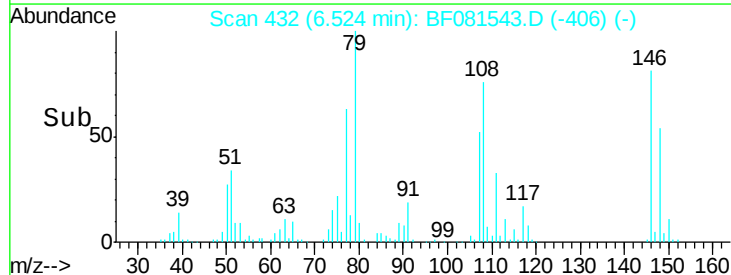
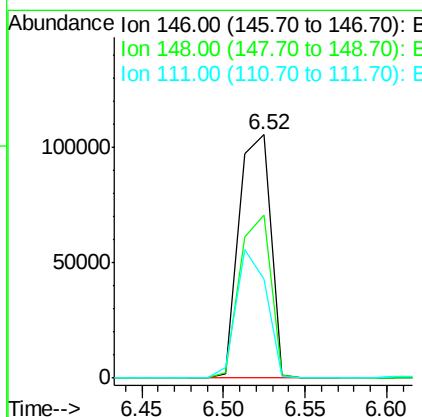
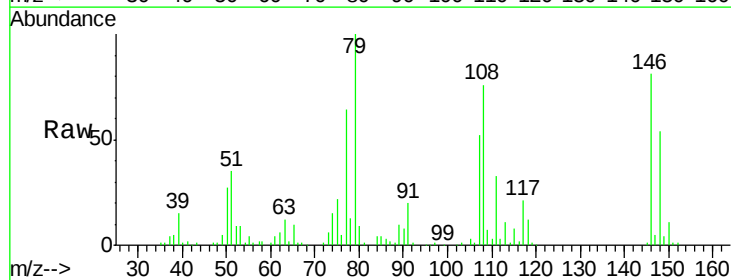
Manual Integrations
 APPROVED

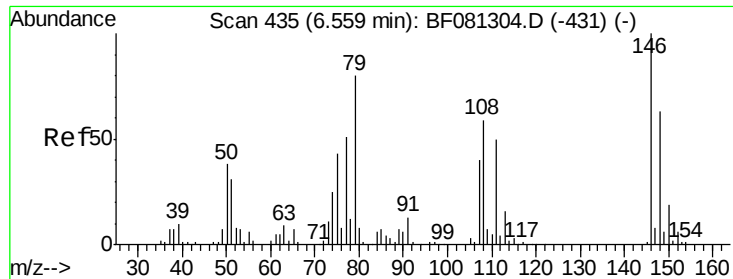
MMDadoda
 9/9/2015 2:59:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.59 ng
 RT: 6.52 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	52.7	79.1
111	40.7	28.8	43.2





#15

Benzyl Alcohol

Concen: 51.70 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

MGP212BR(51.5-54)MSD

Tgt Ion: 79 Resp: 173049

Ion Ratio Lower Upper

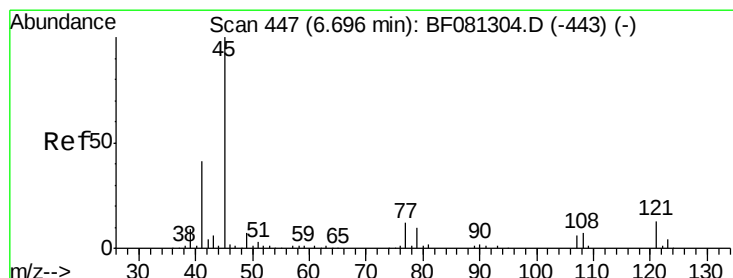
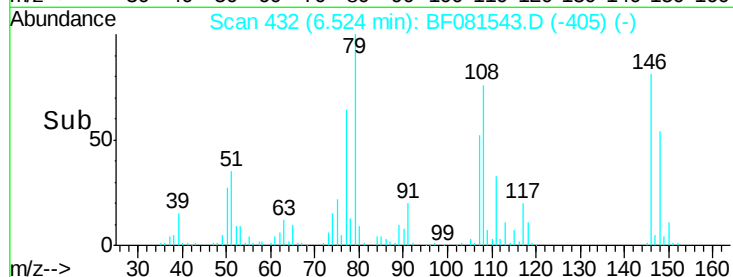
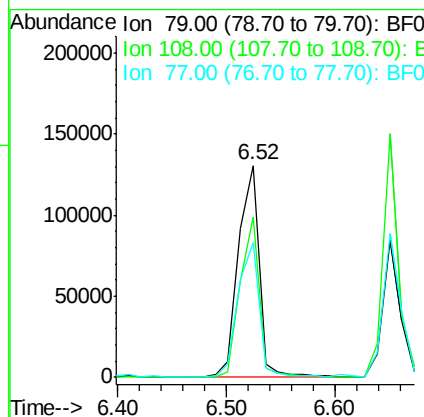
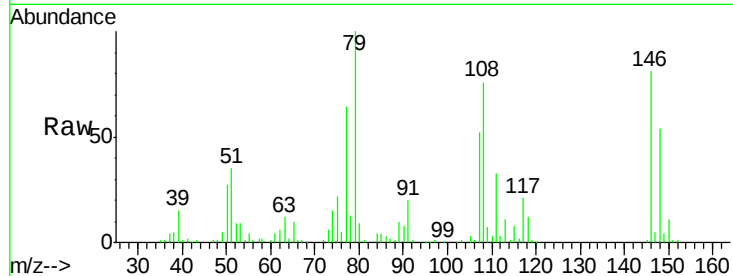
79 100

108 75.6 88.6 132.8#

77 63.6 47.0 70.4

Manual Integrations
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MMDadoda
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.76 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

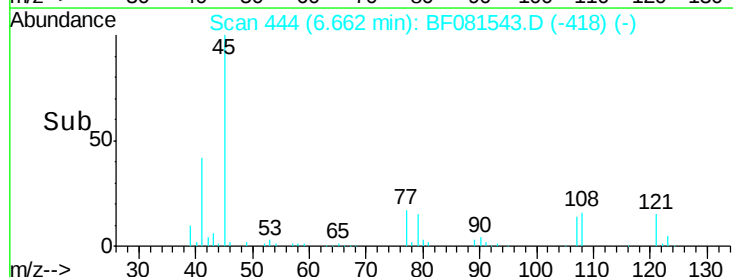
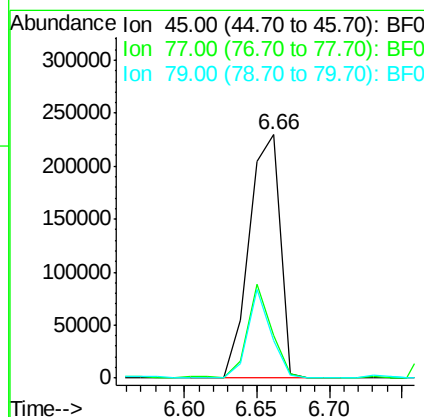
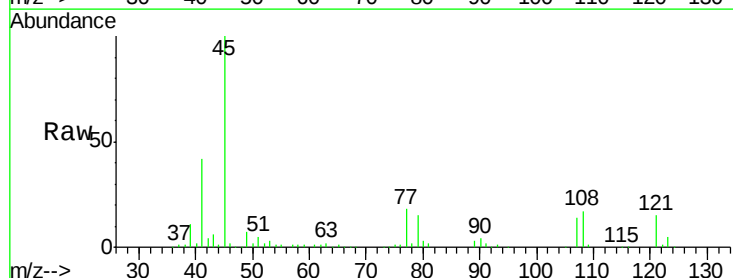
Tgt Ion: 45 Resp: 338715

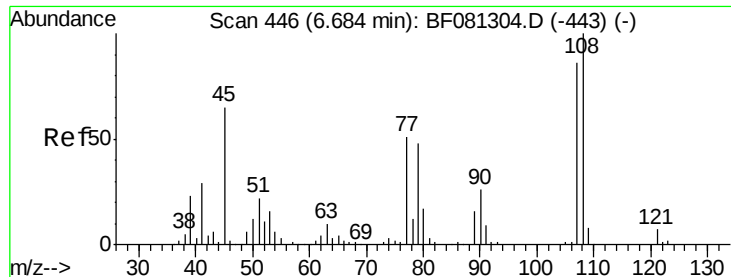
Ion Ratio Lower Upper

45 100

77 17.5 0.0 28.1

79 15.3 0.0 26.0





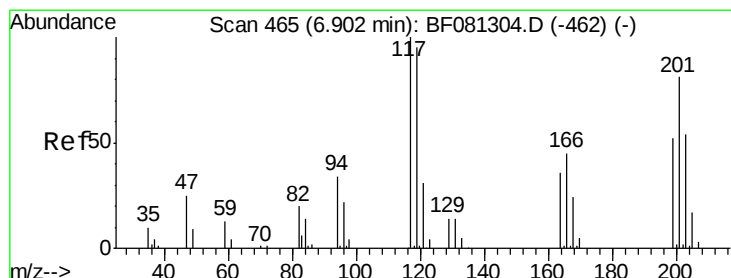
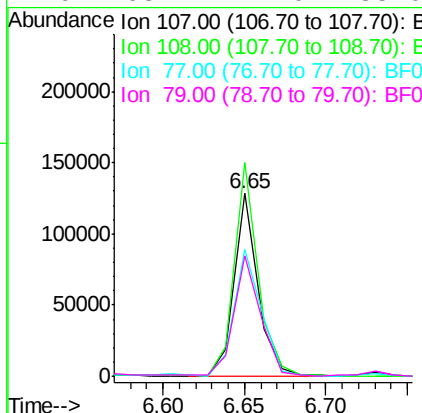
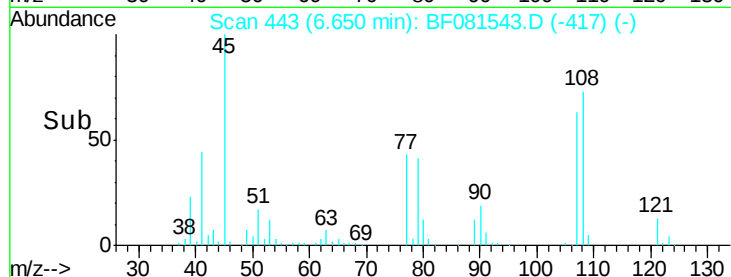
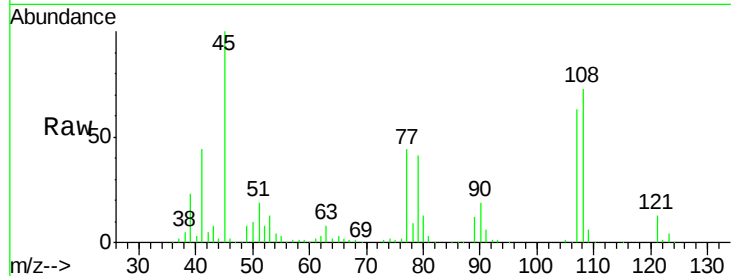
#17
 2-Methylphenol
 Concen: 47.48 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion:	107	Resp:	128689
Ion Ratio	Lower	Upper	
107	100		
108	116.9	96.6	145.0
77	69.2	23.3	34.9#
79	65.7	22.0	33.0#

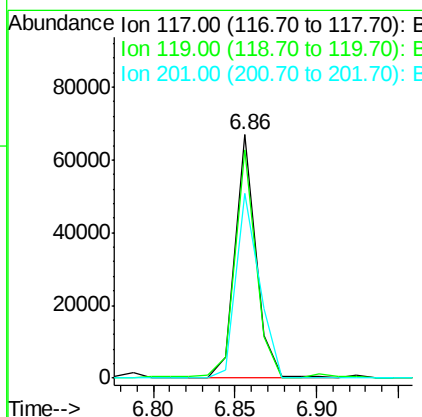
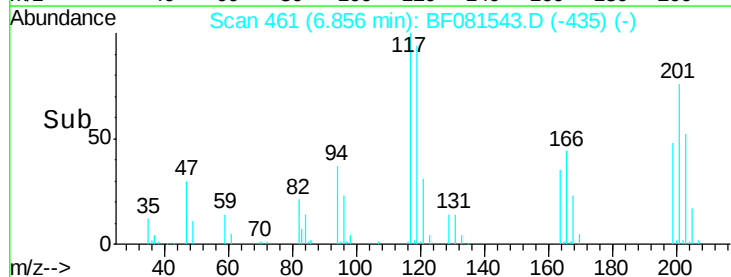
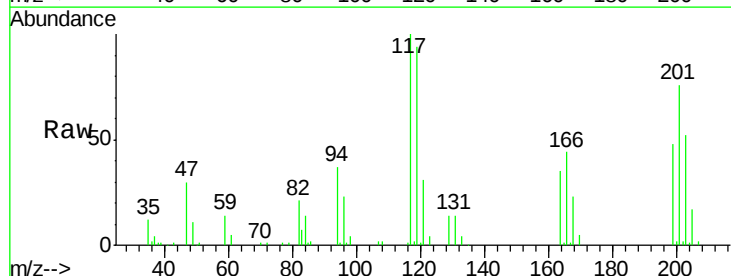
Manual Integrations
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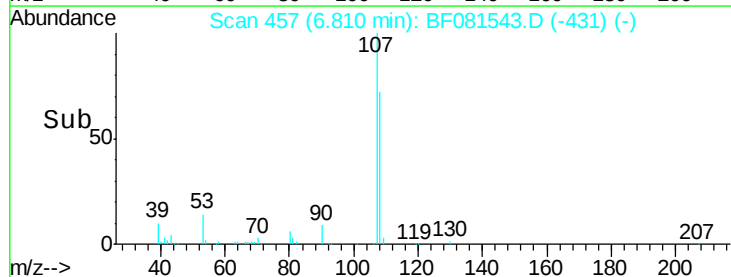
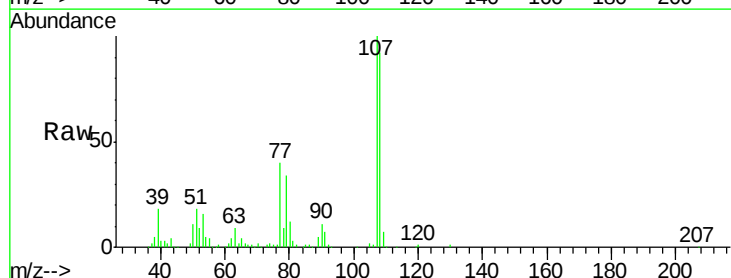
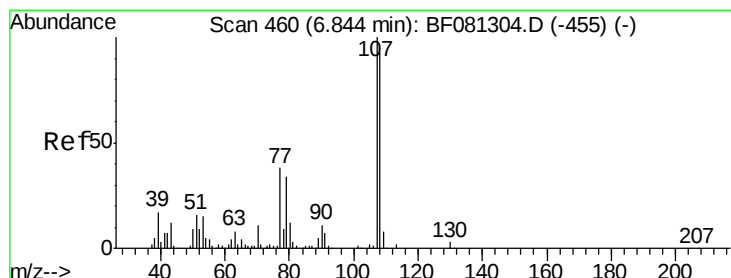
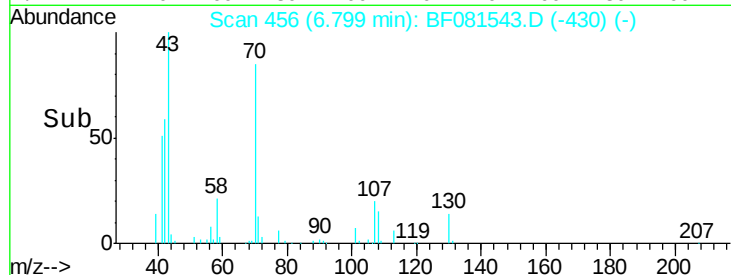
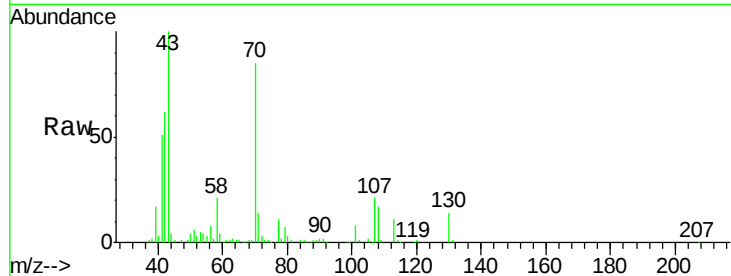
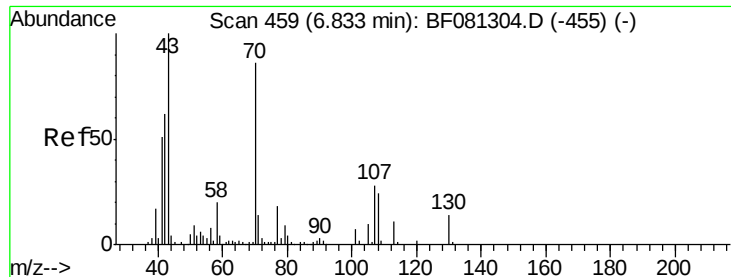
MMDadoda
 9/9/2015 2:59:48 PM



#18
 Hexachloroethane
 Concen: 40.86 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:	117	Resp:	58747
Ion Ratio	Lower	Upper	
117	100		
119	93.6	83.8	125.6
201	75.7	55.1	82.7





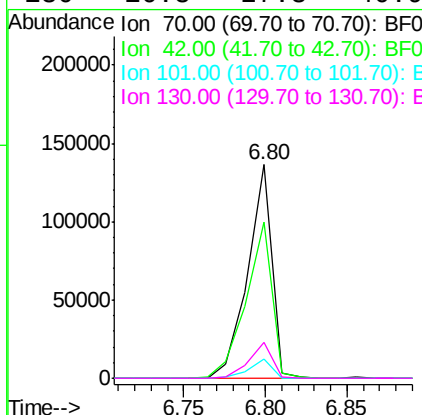
#19
n-Nitroso-di-n-propylamine
Concen: 50.43 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	73.4	63.8	95.6
101	8.9	9.2	13.8
130	16.8	27.3	40.9

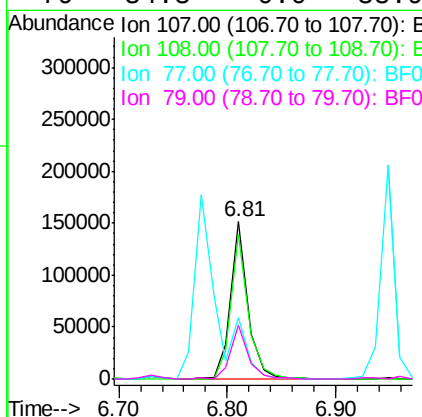
Manual Integrations
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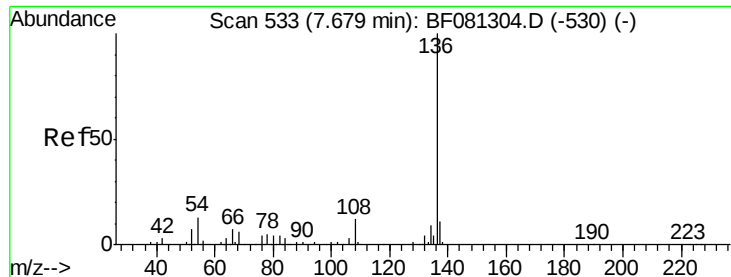
MMDadoda
9/9/2015 2:59:48 PM



#20
3+4-Methylphenols
Concen: 45.97 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	92.0	74.6	114.6
77	39.6	0.7	40.7
79	34.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081543.D

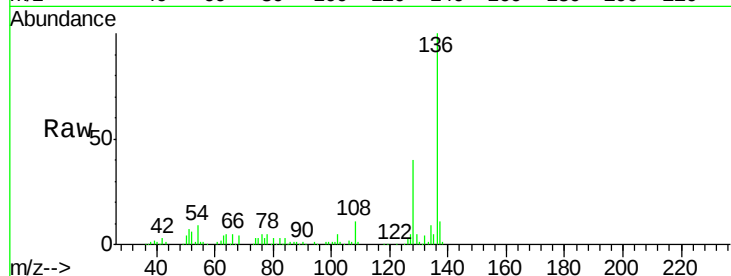
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

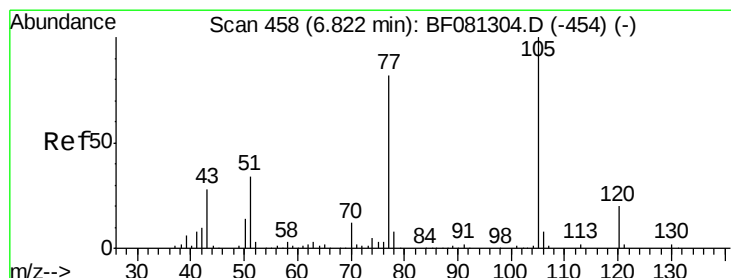
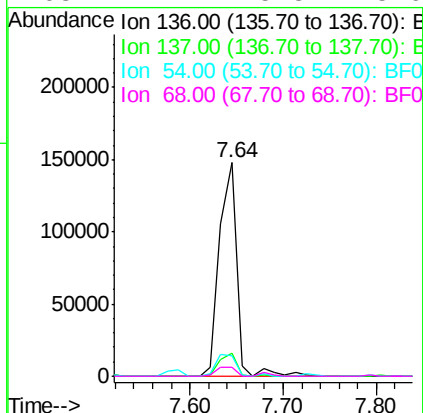
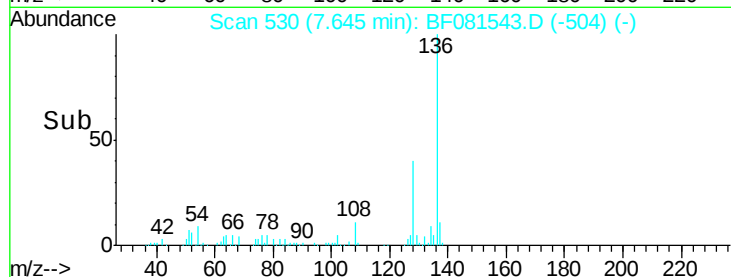
MGP212BR(51.5-54)MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	9.0	13.6
54	9.5	8.2	12.2
68	4.1	5.8	8.6#

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#22

Acetophenone

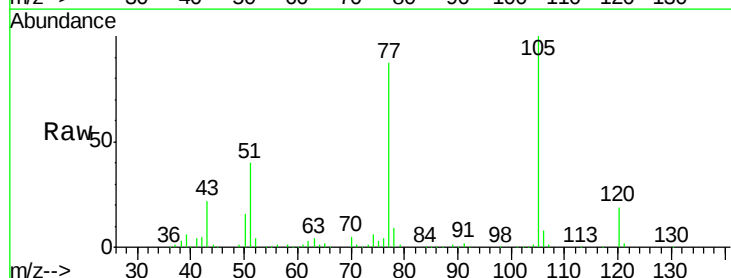
Concen: 45.70 ng

RT: 6.78 min Scan# 454

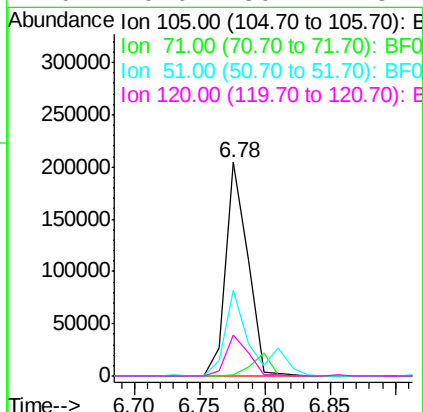
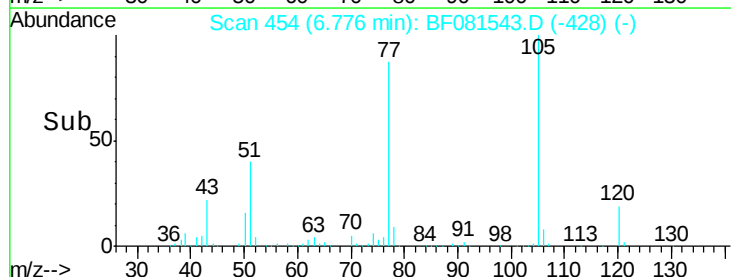
Delta R.T. 0.00 min

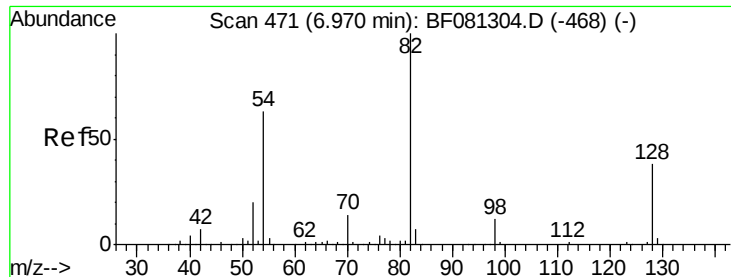
Lab File: BF081543.D

Acq: 9 Sep 2015 3:39



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.8	4.7	7.1#
51	40.1	22.0	33.0#
120	19.0	30.1	45.1#





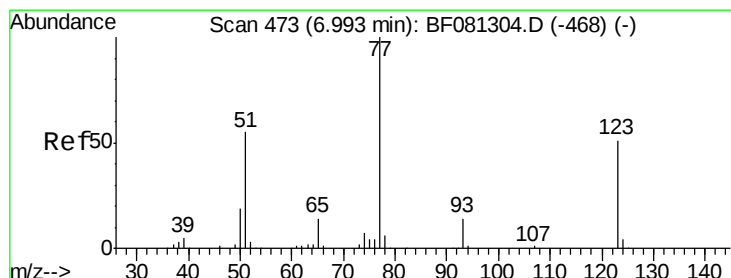
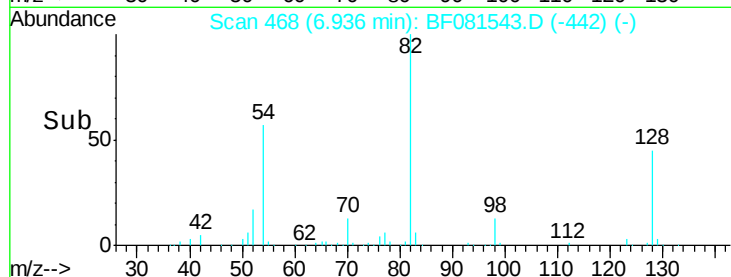
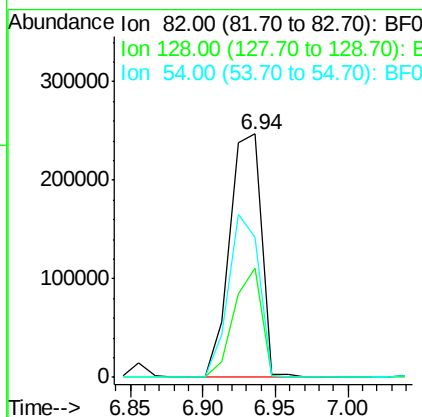
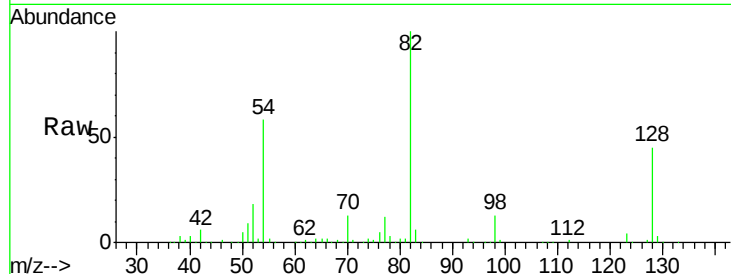
#23
 Nitrobenzene-d5
 Concen: 94.93 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	51.0	76.6#
54	57.7	47.5	71.3

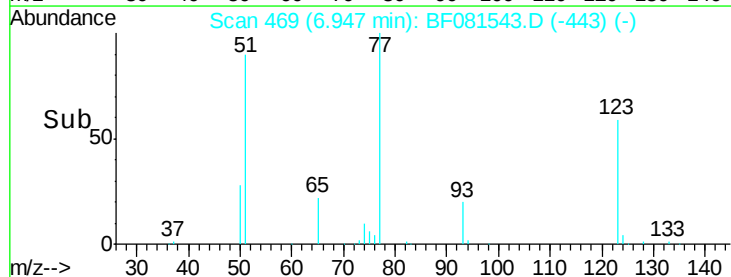
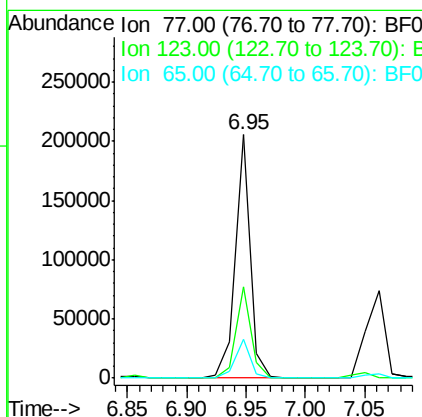
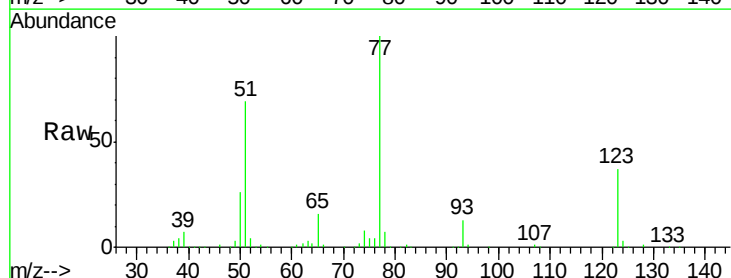
Manual Integrations
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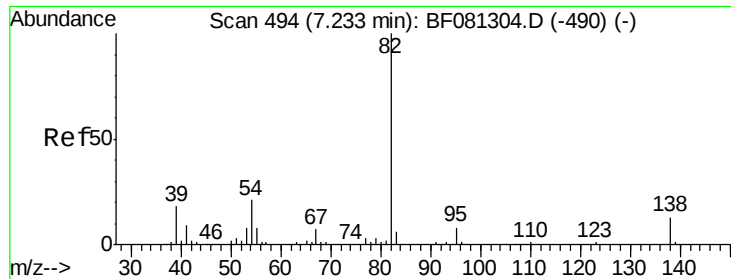
MMDadoda
 9/9/2015 2:59:48 PM



#24
 Nitrobenzene
 Concen: 44.02 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	59.8	89.8#
65	15.8	10.2	15.4#





#25

Isophorone

Concen: 46.66 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081543.D

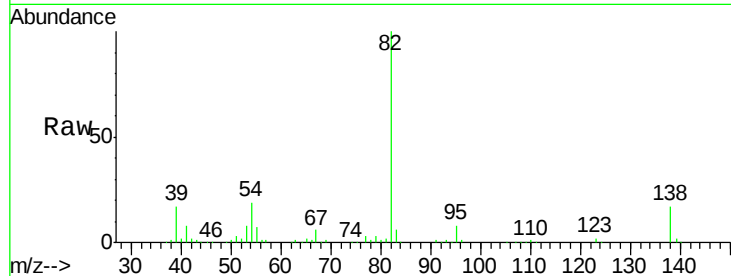
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

MGP212BR(51.5-54)MSD



Tgt Ion: 82 Resp: 343900

Ion Ratio Lower Upper

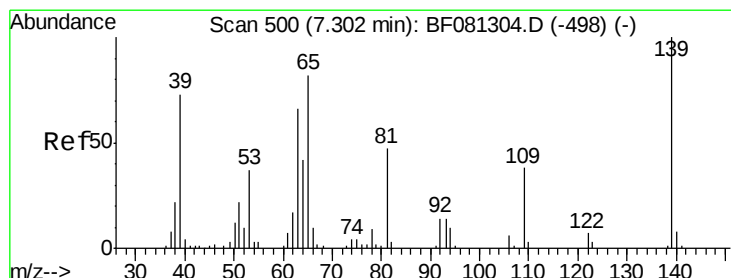
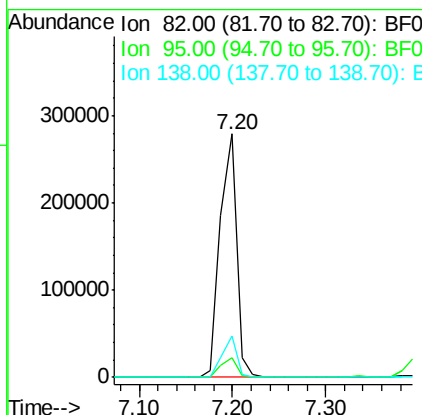
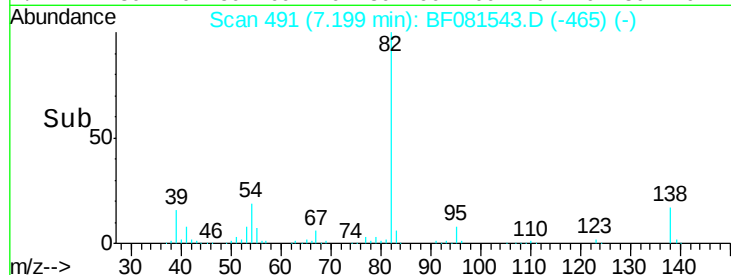
82 100

95 8.2 4.0 6.0#

138 17.1 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.71 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

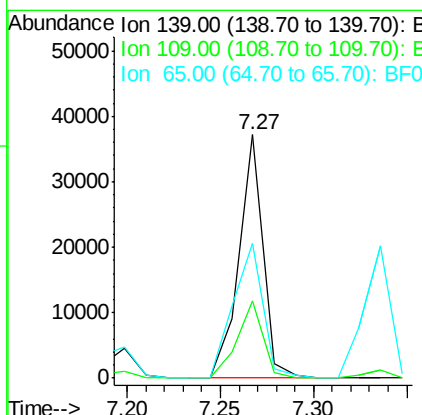
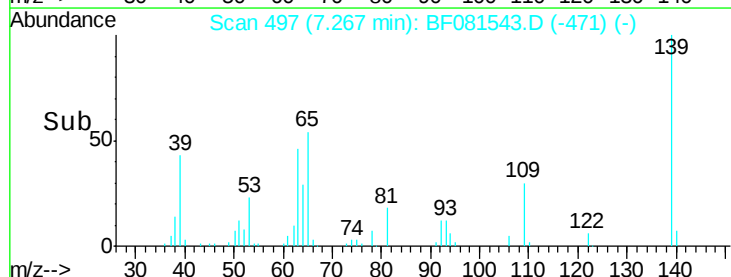
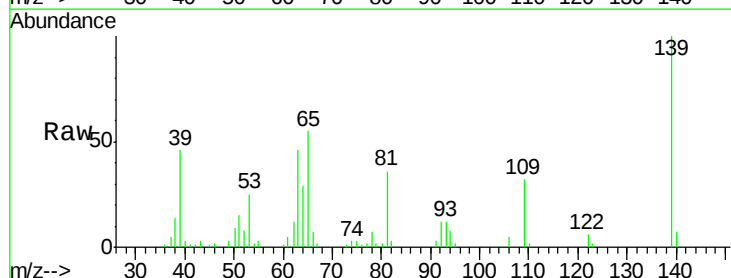
Tgt Ion: 139 Resp: 33563

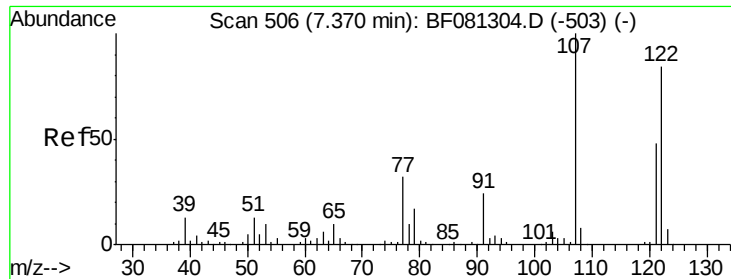
Ion Ratio Lower Upper

139 100

109 31.8 11.0 16.4#

65 55.4 24.7 37.1#





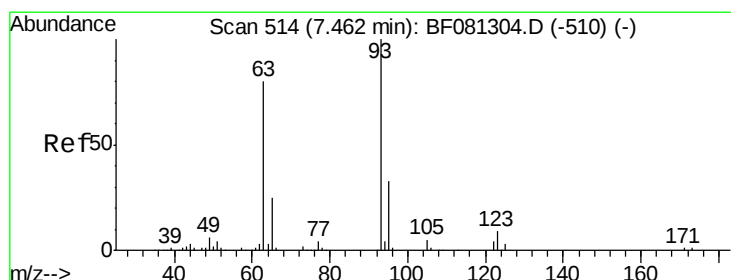
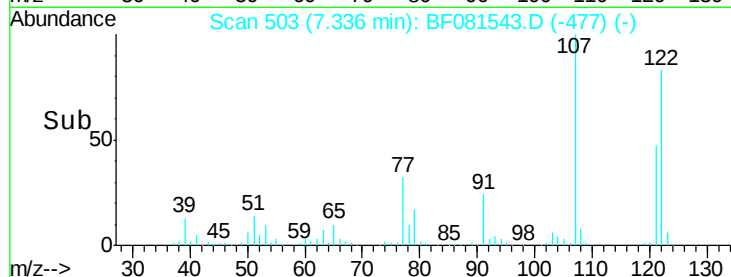
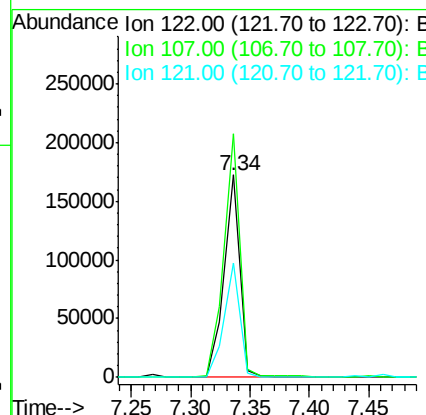
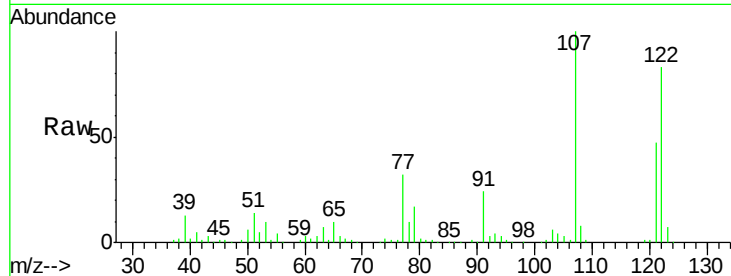
#27
 2,4-Dimethylphenol
 Concen: 50.84 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157485		
107	120.4	71.8	107.6#	
121	56.6	42.3	63.5	

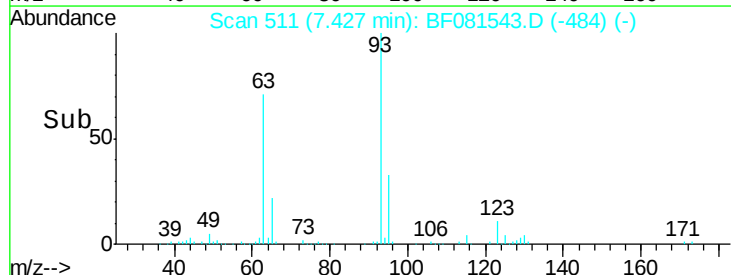
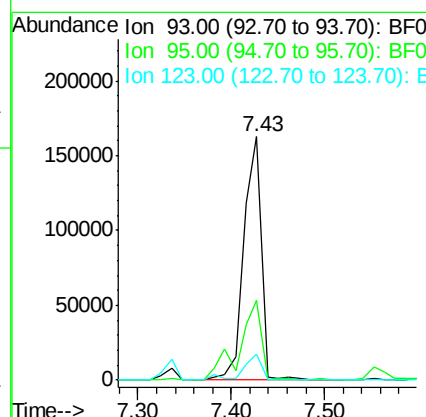
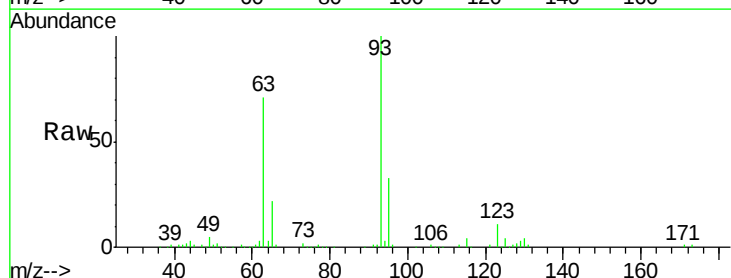
Manual Integrations
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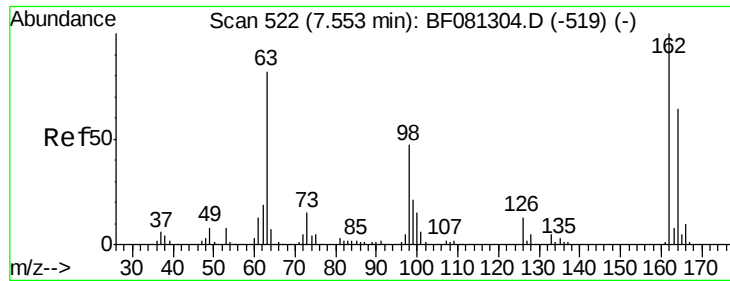
MMDadoda
 9/9/2015 2:59:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.92 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212516		
95	32.9	27.5	41.3	
123	10.8	13.7	20.5#	





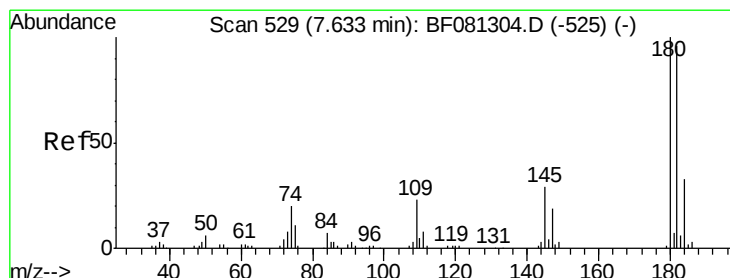
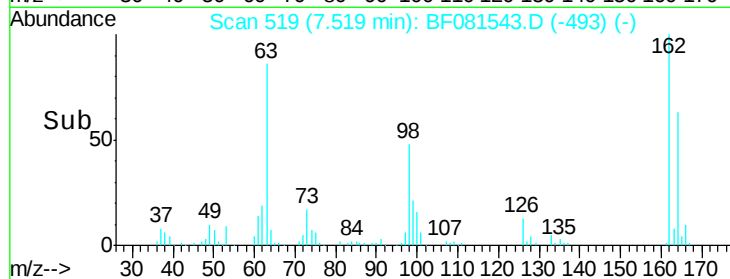
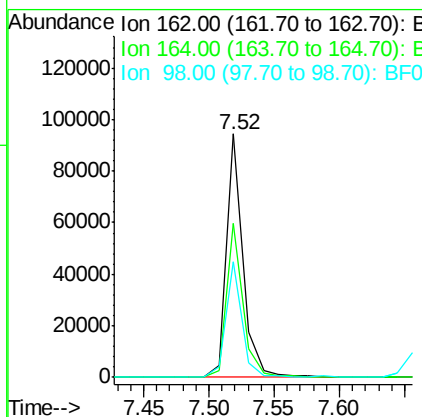
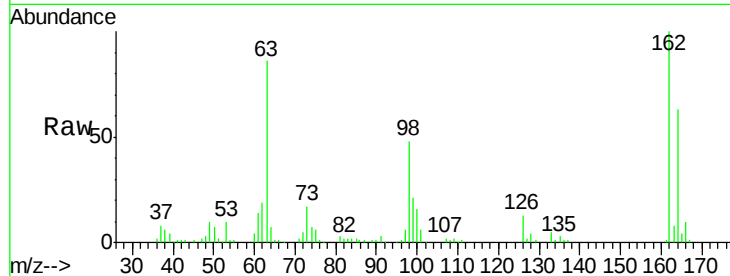
#29
 2,4-Dichlorophenol
 Concen: 30.89 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.9	84.9
98	47.5	13.0	53.0

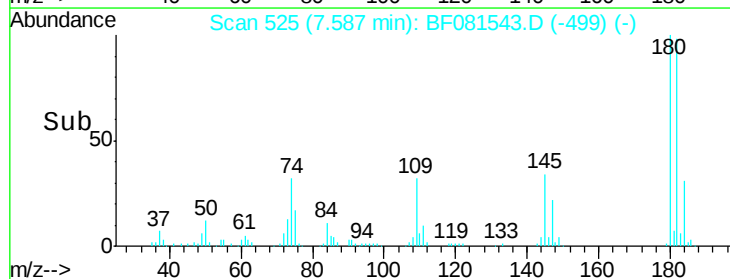
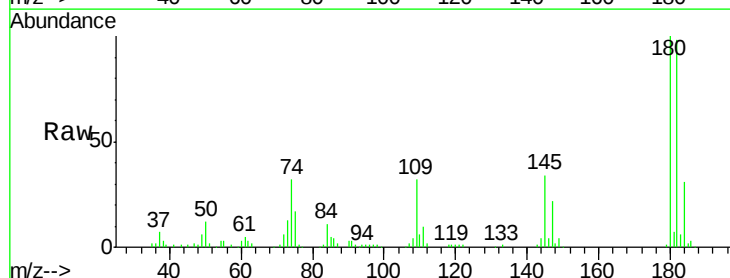
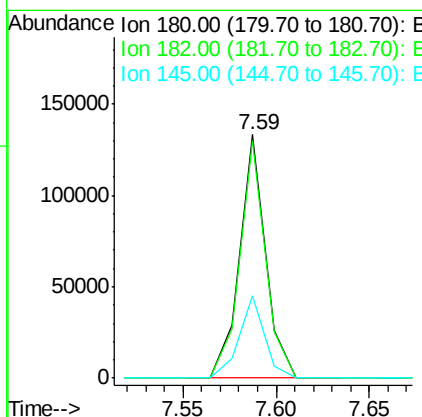
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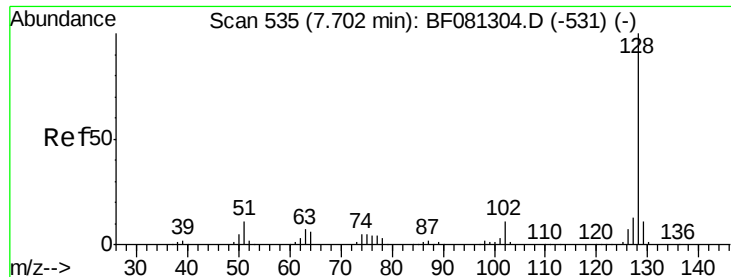
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.38 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.5	77.1	115.7
145	33.9	23.3	34.9





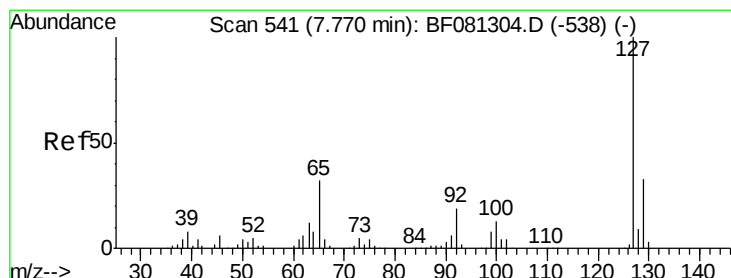
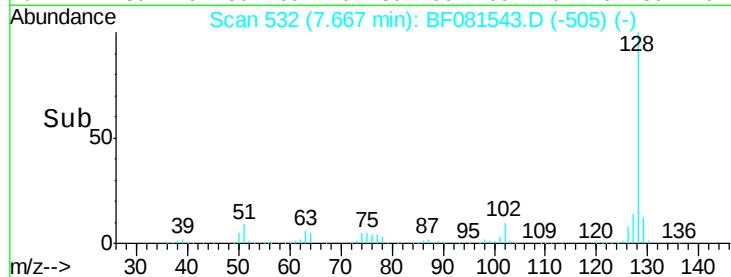
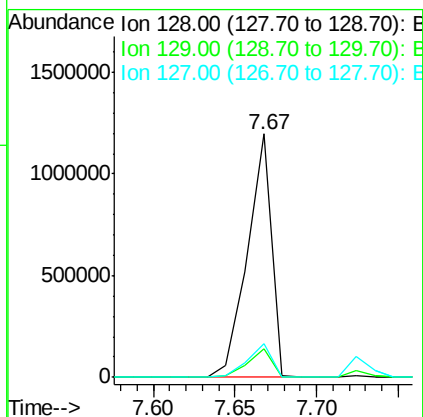
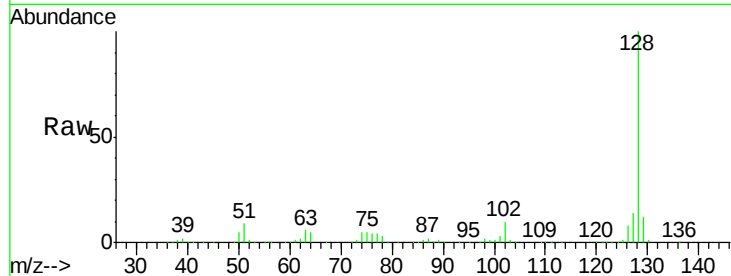
#31
Naphthalene
Concen: 120.16 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion:128 Resp: 1225147
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.8 9.9 14.9

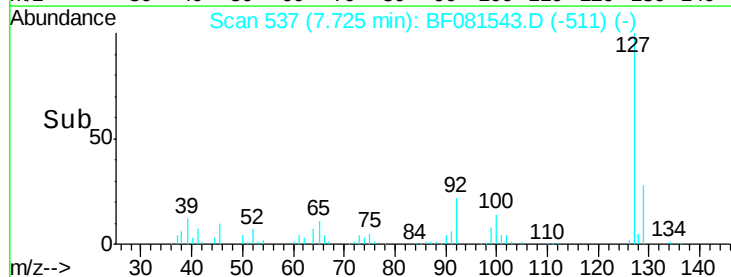
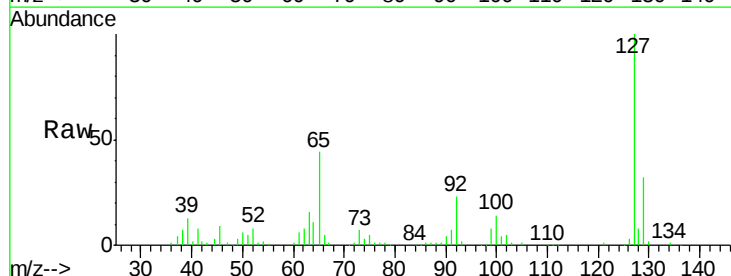
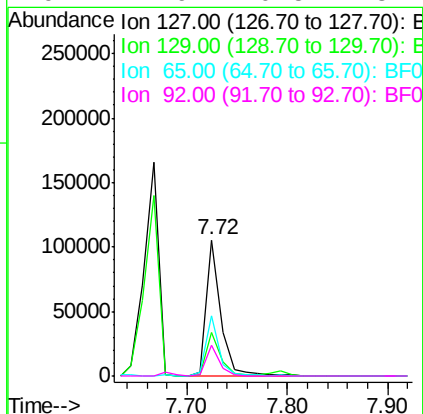
Manual Integrations
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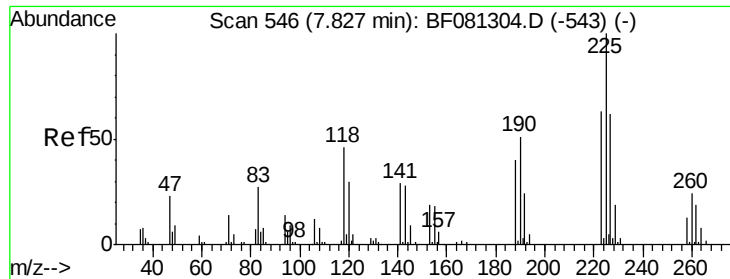
MMDadoda
9/9/2015 2:59:48 PM



#33
4-Chloroaniline
Concen: 25.39 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:127 Resp: 105598
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.6
65 44.4 17.9 26.9#
92 22.9 10.5 15.7#





#34

Hexachlorobutadiene

Concen: 43.71 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF081543.D

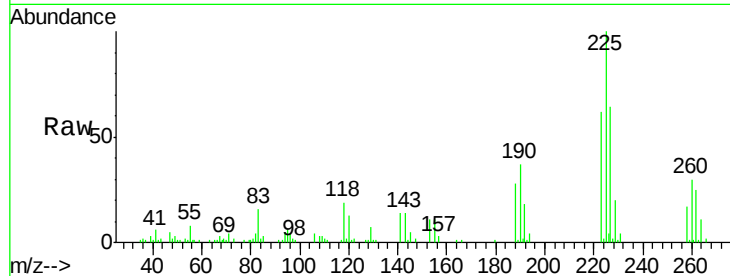
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

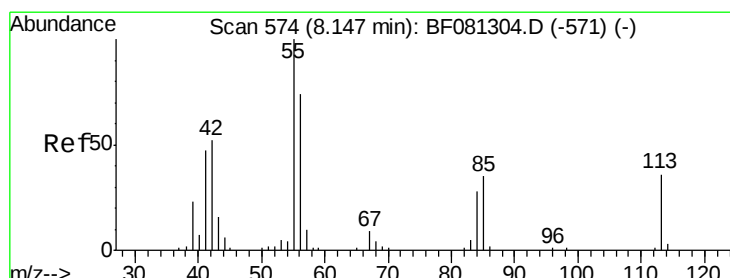
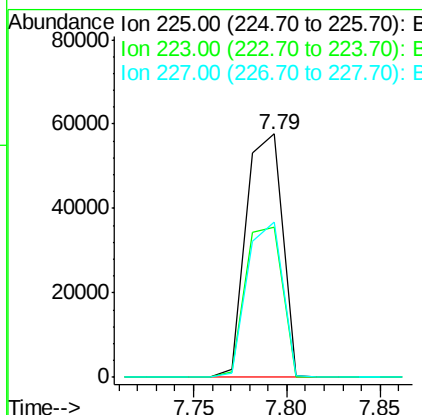
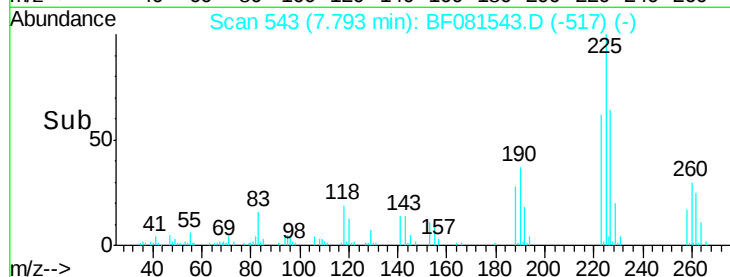
MGP212BR(51.5-54)MSD



Tgt Ion:	225	Resp:	77634
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.2	75.2
227	64.0	52.2	78.2

Manual Integrations
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#35

Caprolactam

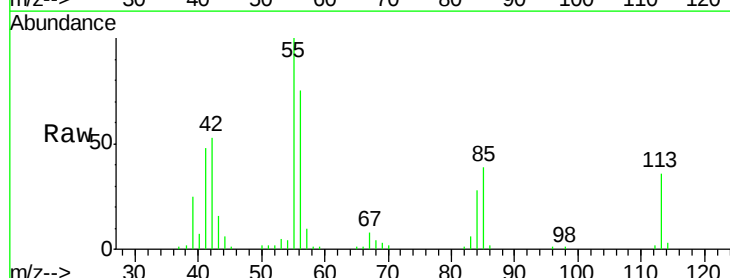
Concen: 42.67 ng

RT: 8.09 min Scan# 569

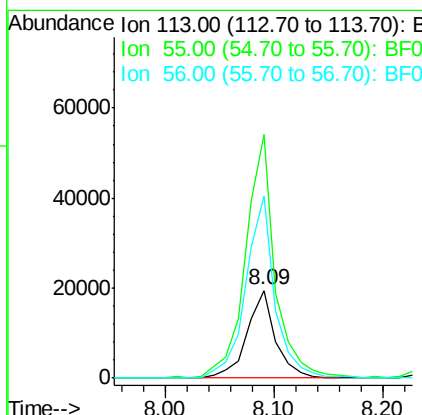
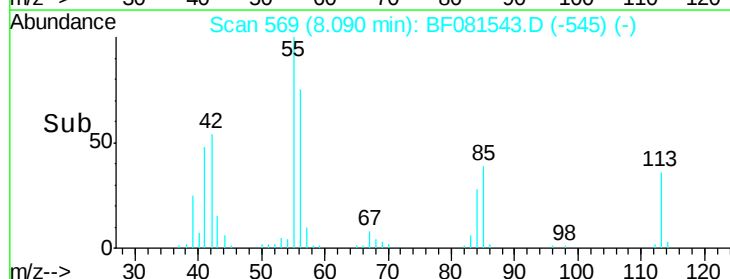
Delta R.T. -0.02 min

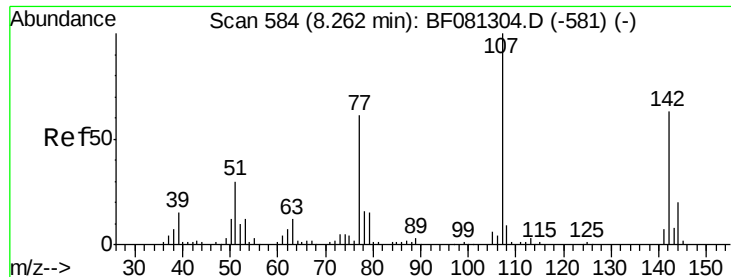
Lab File: BF081543.D

Acq: 9 Sep 2015 3:39



Tgt Ion:	113	Resp:	35156
Ion Ratio	Lower	Upper	
113	100		
55	277.8	152.4	192.4#
56	207.4	104.6	144.6#





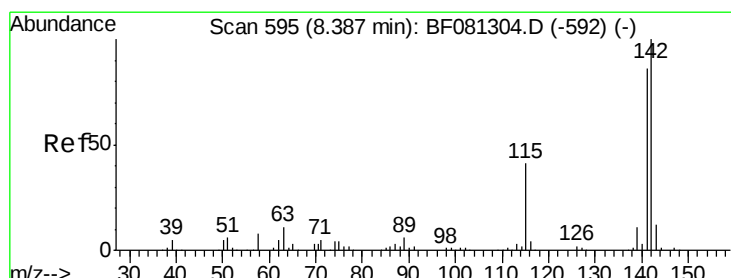
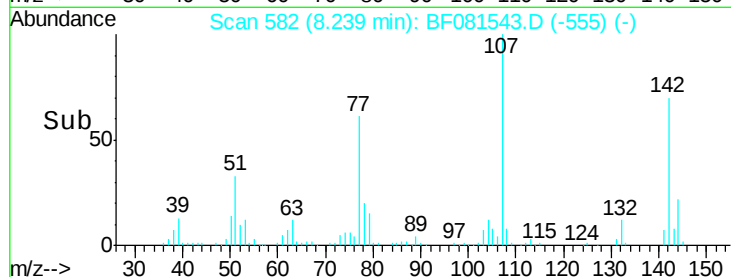
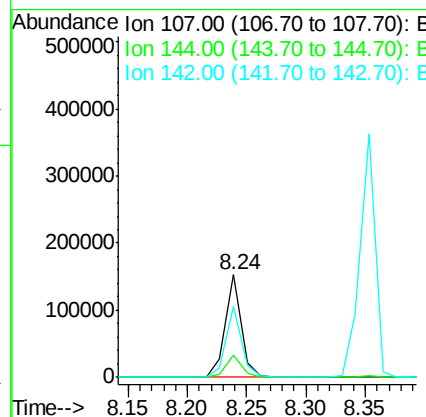
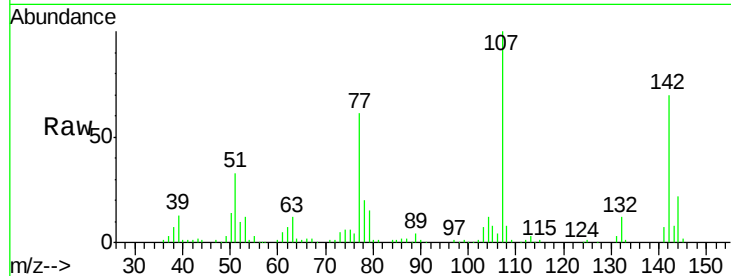
#36
4-Chloro-3-methylphenol
Concen: 46.88 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	140952		
144	21.9	25.4	38.0#	
142	69.7	77.3	115.9#	

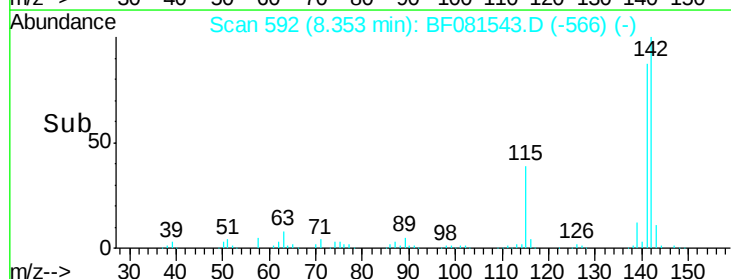
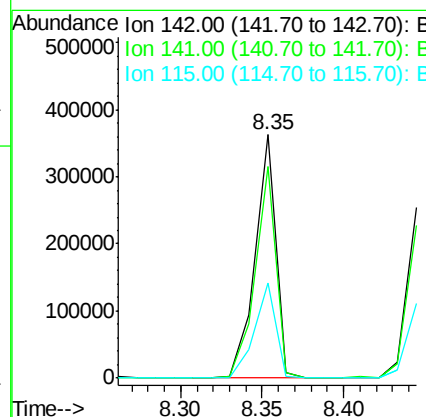
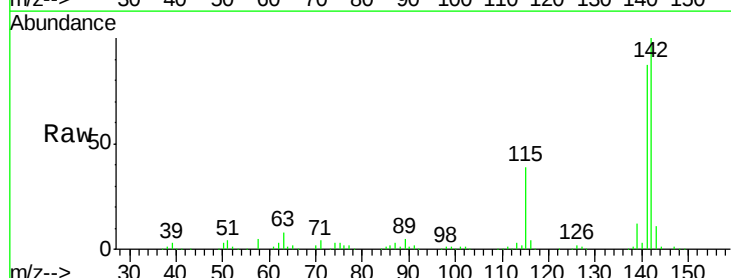
Manual Integrations
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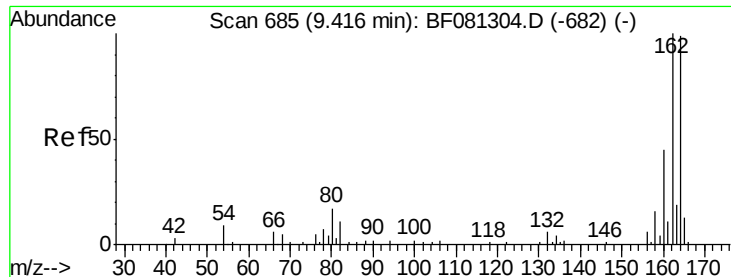
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#37
2-Methylnaphthalene
Concen: 48.58 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

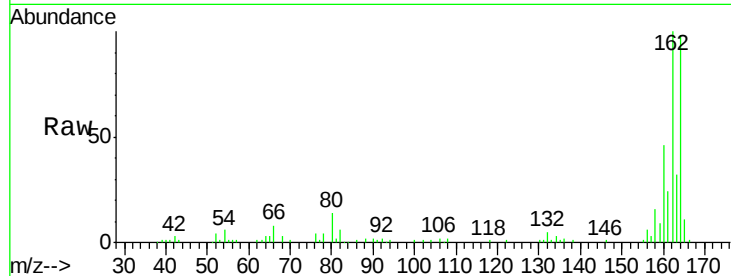
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	322303		
141	87.2	67.5	101.3	
115	39.1	18.2	27.2#	





#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

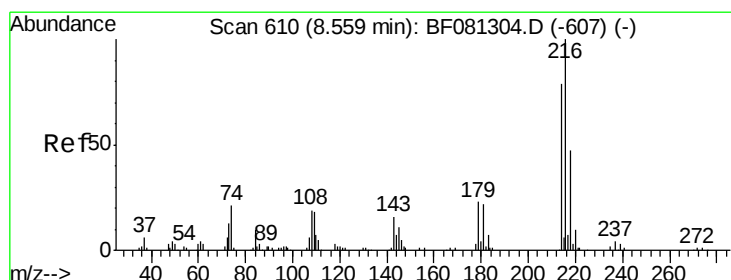
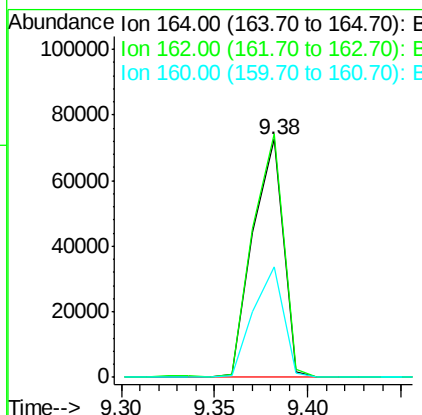
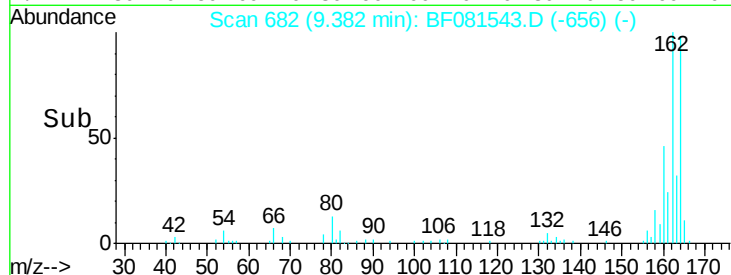
Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD



Tgt Ion:	164	Resp:	81941
Ion Ratio	Lower	Upper	
164	100		
162	102.3	75.2	112.8
160	46.7	31.5	47.3

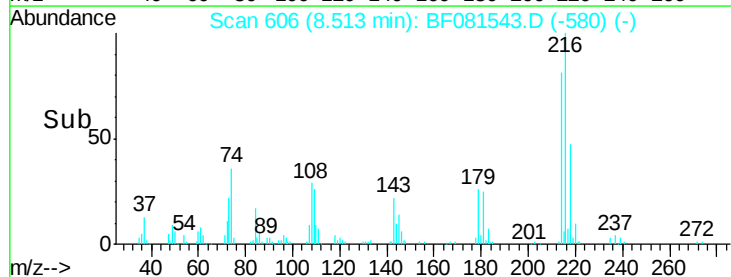
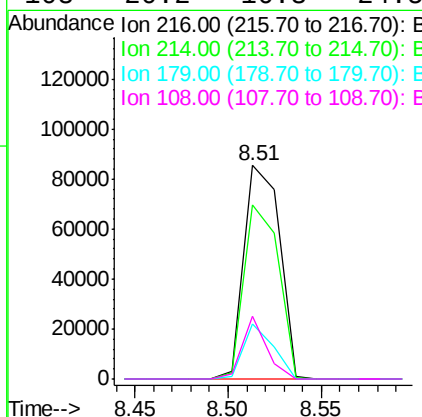
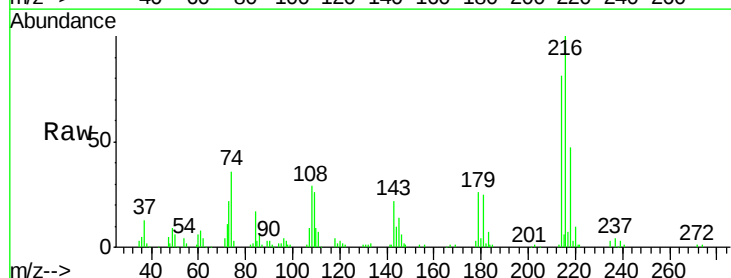
Manual Integrations
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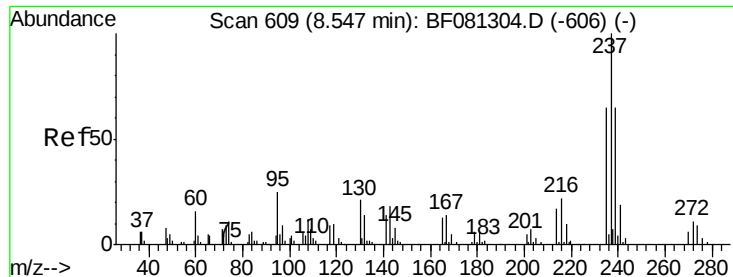
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.70 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:	216	Resp:	113257
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.5	95.3
179	21.7	16.6	24.8
108	20.2	16.3	24.5





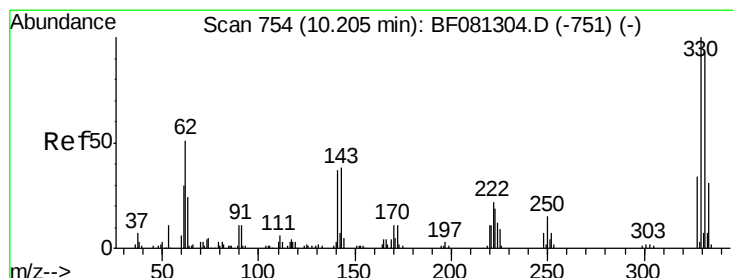
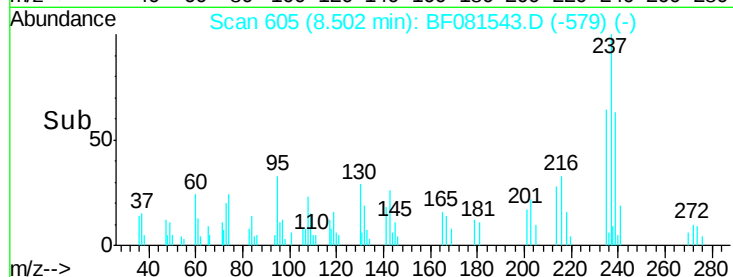
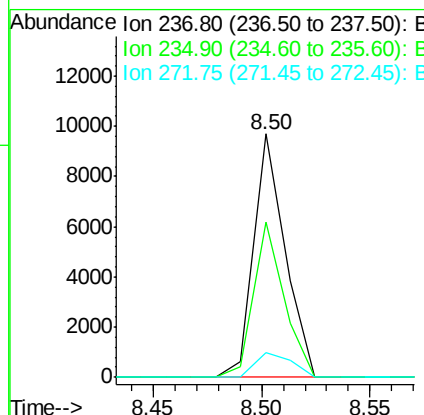
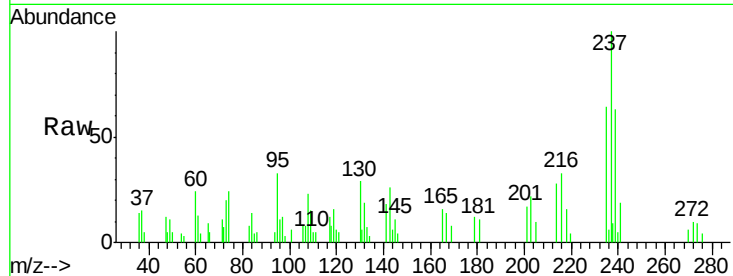
#40
Hexachlorocyclopentadiene
Concen: 7.65 ng
RT: 8.50 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	9728		
235	63.8	42.0	82.0	
272	10.4	0.0	36.1	

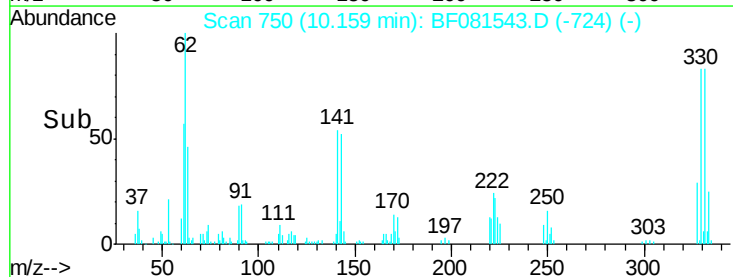
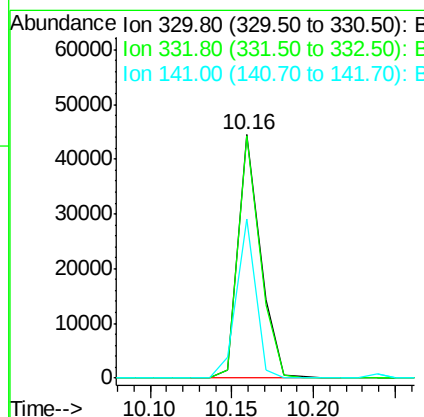
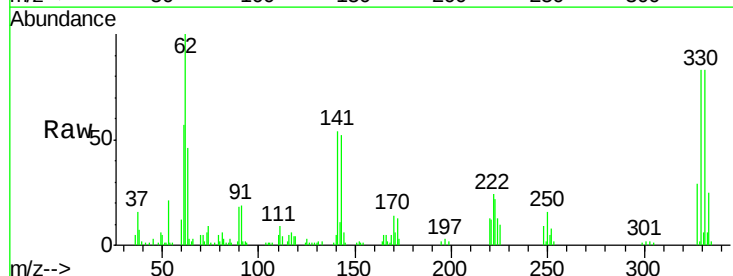
Manual Integrations
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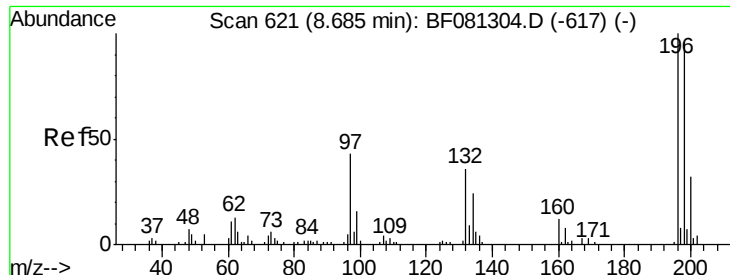
MMDadoda
9/9/2015 2:59:48 PM



#41
2,4,6-Tribromophenol
Concen: 57.66 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	42068		
332	97.0	76.6	114.8	
141	56.1	29.7	44.5#	





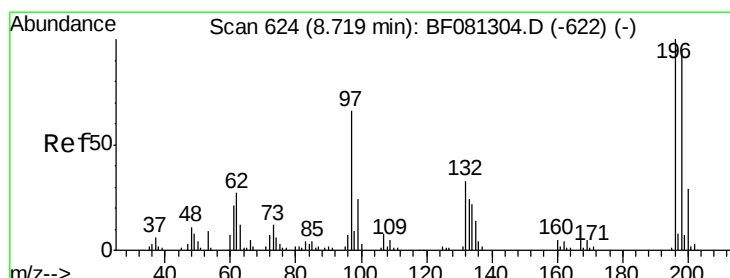
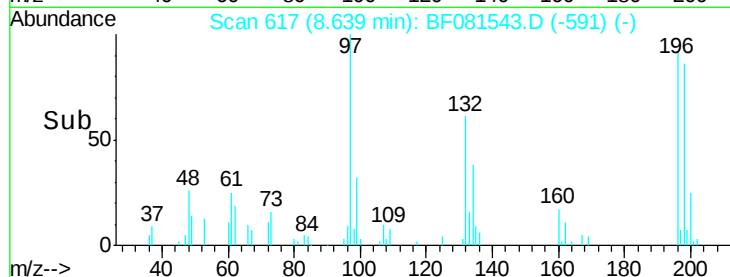
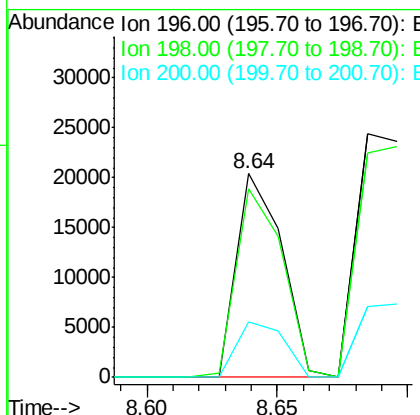
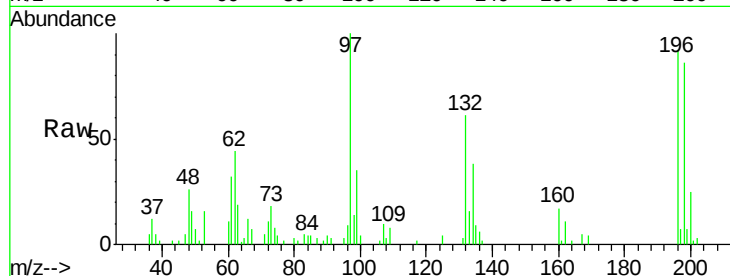
#42
2,4,6-Trichlorophenol
Concen: 13.80 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	24683		
198	92.7	75.7	113.5	
200	27.4	23.9	35.9	

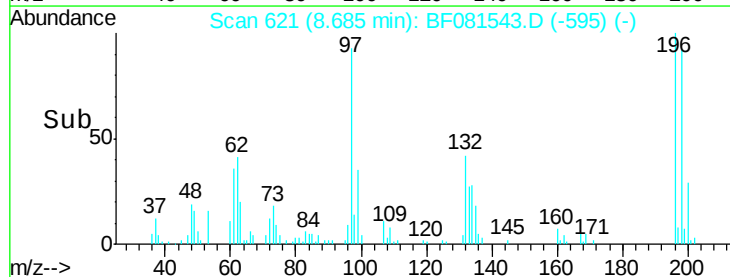
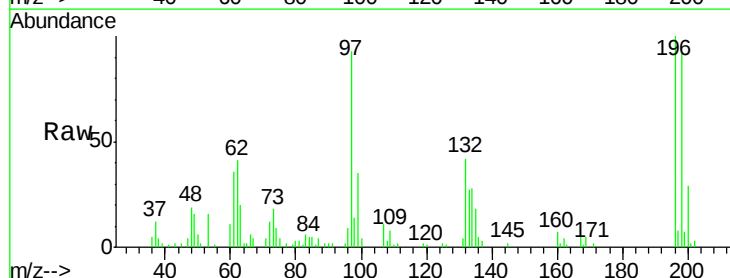
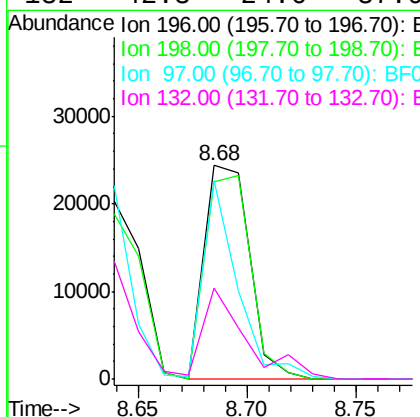
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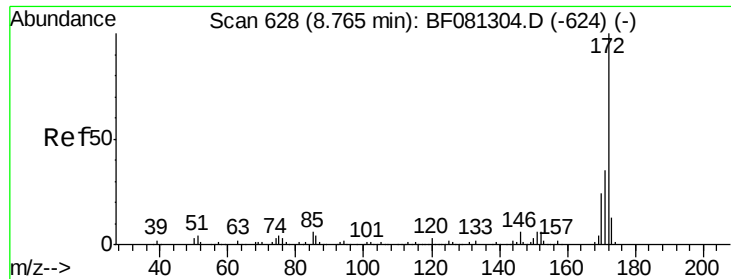
MMDadoda
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#43
2,4,5-Trichlorophenol
Concen: 19.38 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35359		
198	92.4	75.4	113.0	
97	92.9	33.3	49.9#	
132	42.3	24.6	37.0#	





#44

2-Fluorobiphenyl

Concen: 81.61 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF081543.D

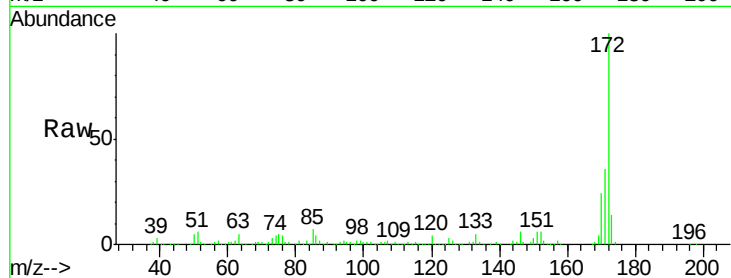
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

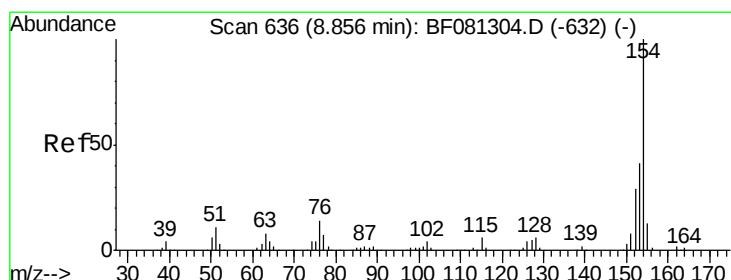
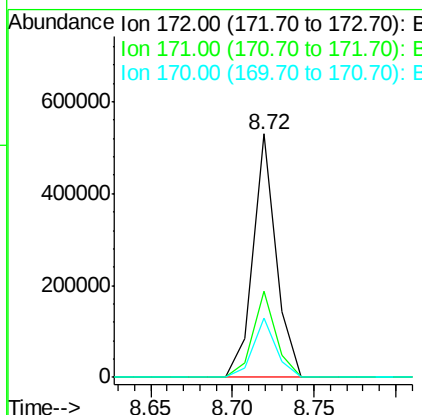
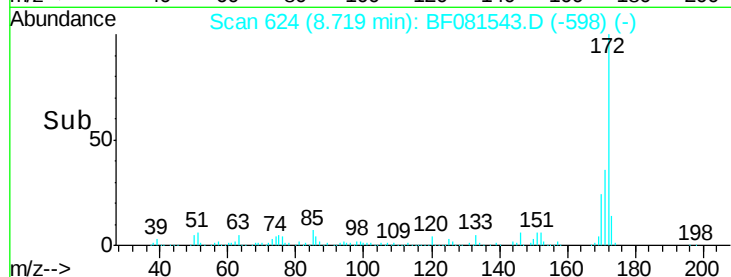
MGP212BR(51.5-54)MSD



Tgt Ion:	172	Resp:	521814
Ion Ratio	Lower	Upper	
172	100		
171	35.6	26.1	39.1
170	24.5	17.4	26.2

Manual Integrations
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#45

1,1'-Biphenyl

Concen: 47.04 ng

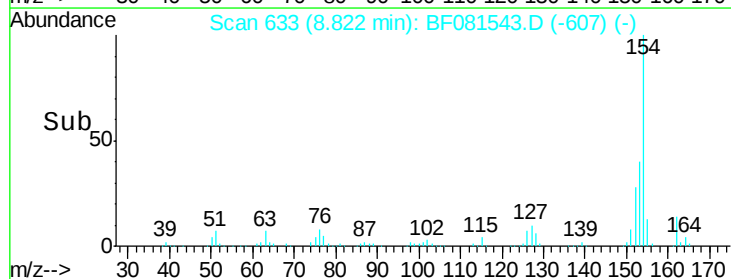
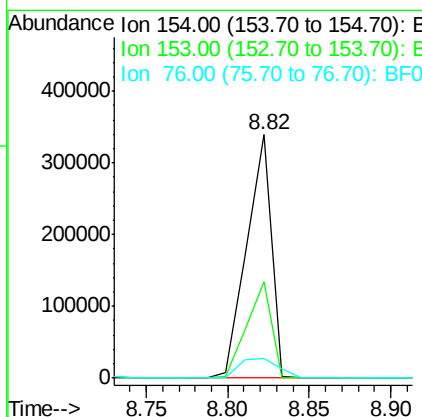
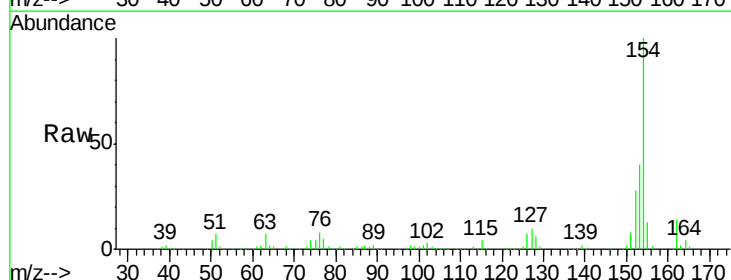
RT: 8.82 min Scan# 633

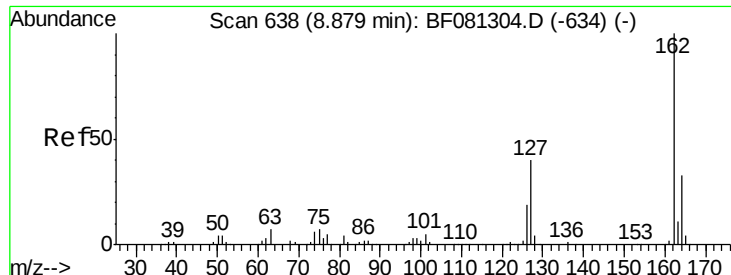
Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion:	154	Resp:	354580
Ion Ratio	Lower	Upper	
154	100		
153	39.6	17.1	57.1
76	8.0	0.0	31.6





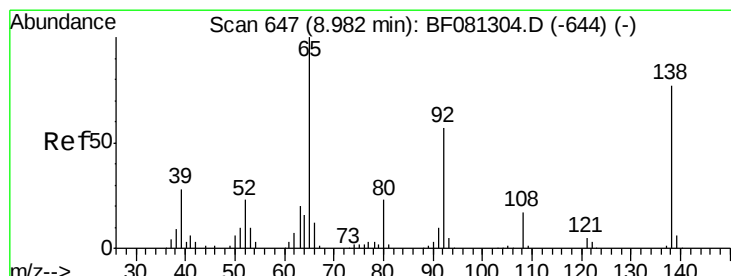
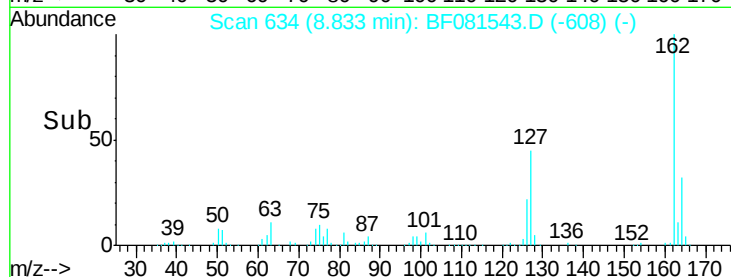
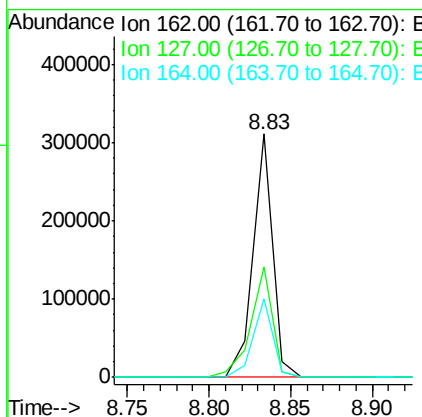
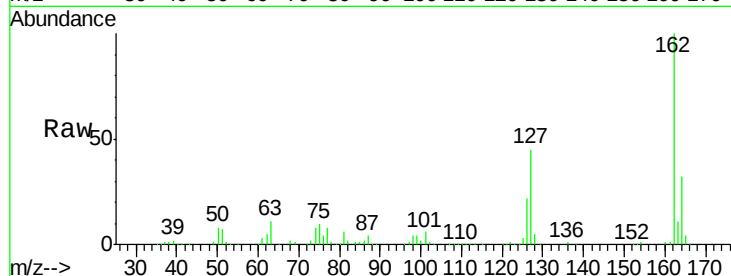
#46
2-Chloronaphthalene
Concen: 47.81 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	45.4	27.6	41.4#
164	32.2	25.4	38.2

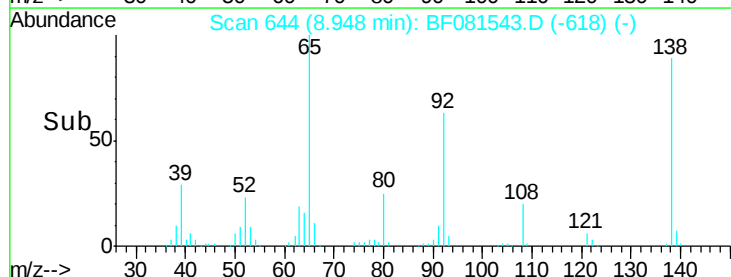
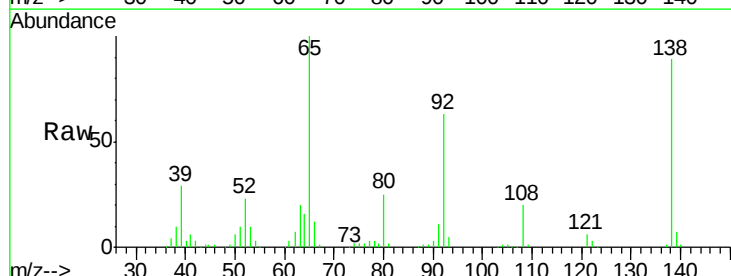
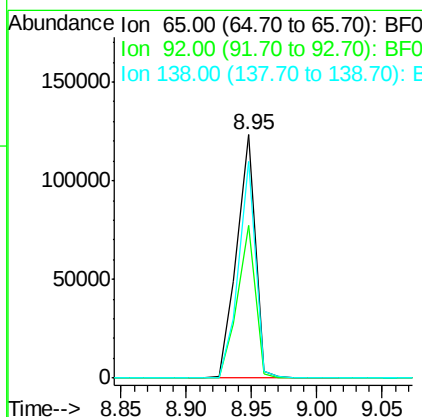
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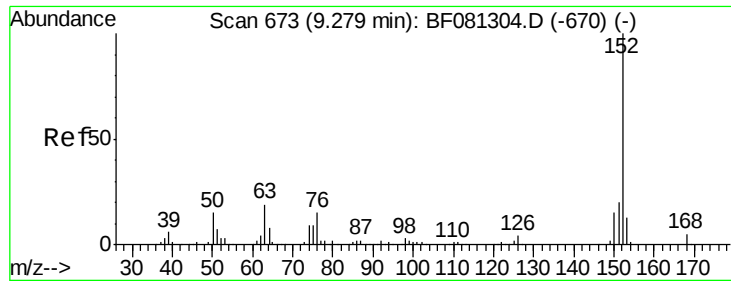
MMDadoda
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#47
2-Nitroaniline
Concen: 55.17 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	62.6	55.4	83.0
138	89.2	115.5	173.3#





#48

Acenaphthylene

Concen: 43.17 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF081543.D

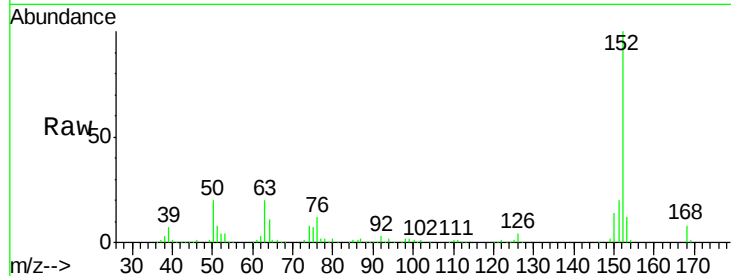
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

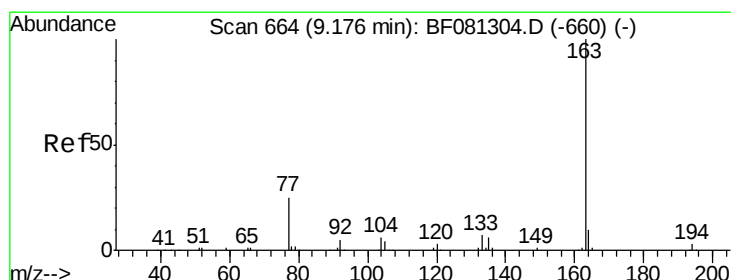
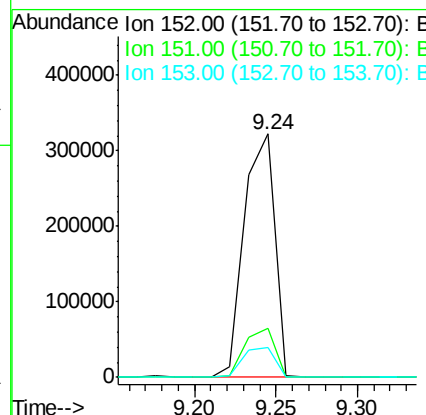
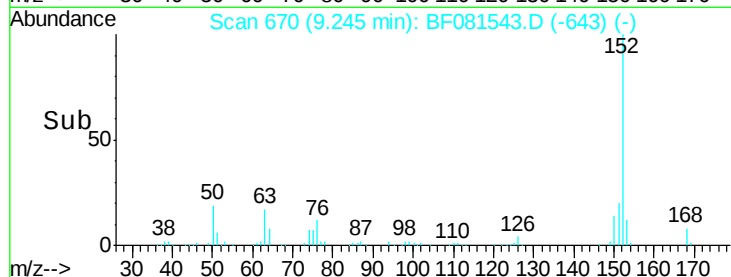
MGP212BR(51.5-54)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	416993		
151	20.1	14.6	22.0	
153	12.4	10.3	15.5	

Manual Integrations
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#49

Dimethylphthalate

Concen: 81.71 ng

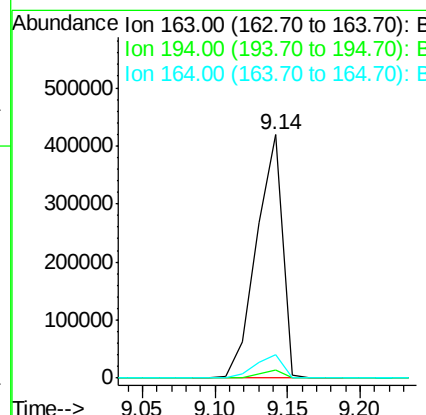
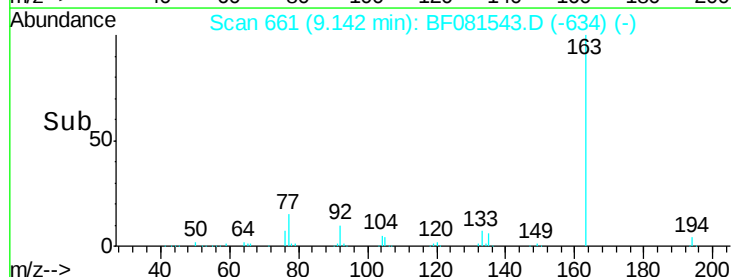
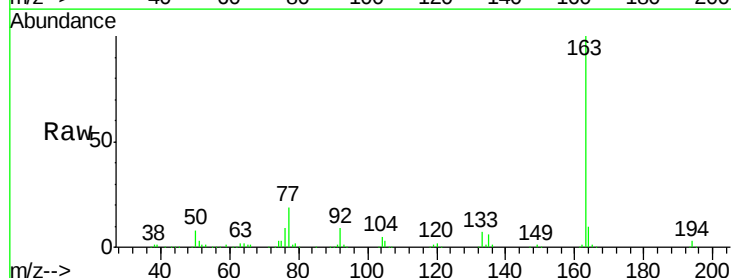
RT: 9.14 min Scan# 661

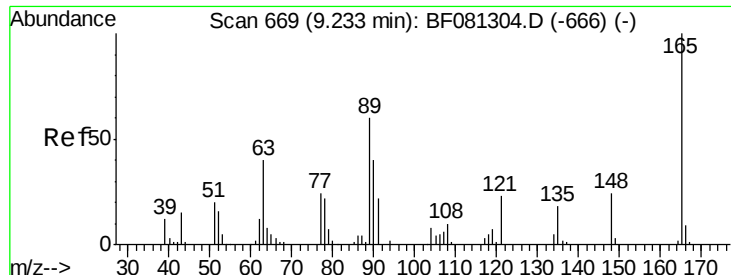
Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	520183		
194	3.3	4.4	6.6#	
164	9.7	8.3	12.5	





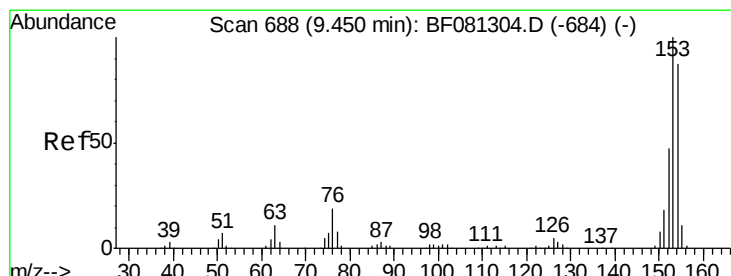
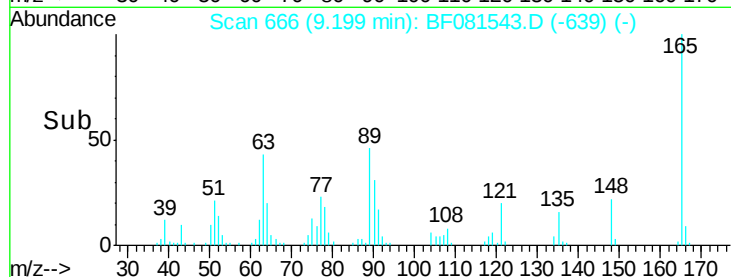
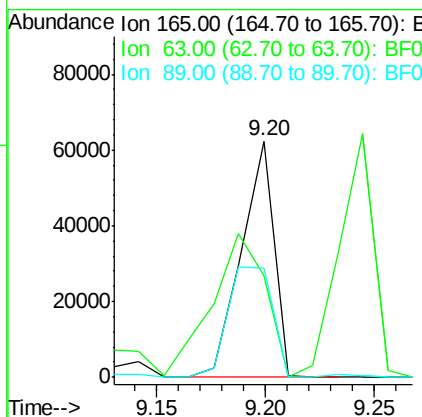
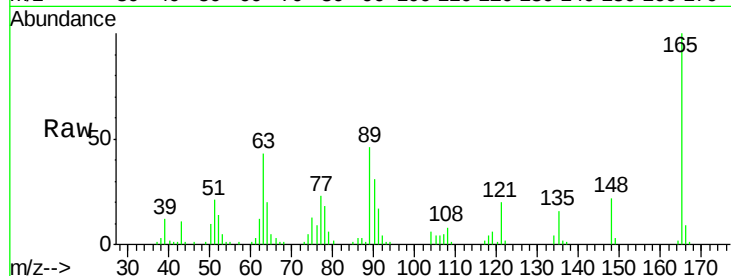
#50
 2,6-Dinitrotoluene
 Concen: 44.94 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	32.3	48.5
89	46.2	28.6	43.0

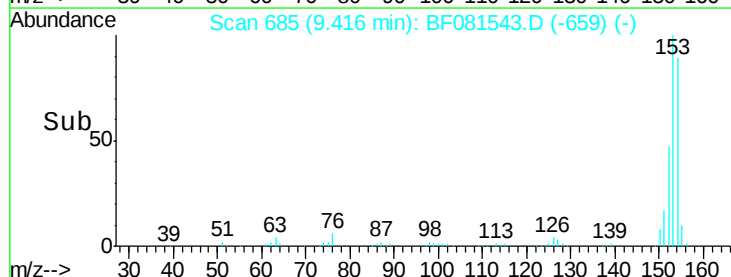
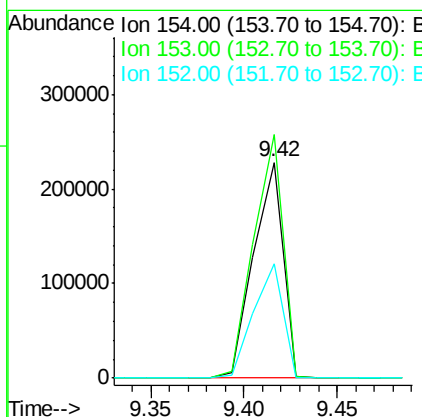
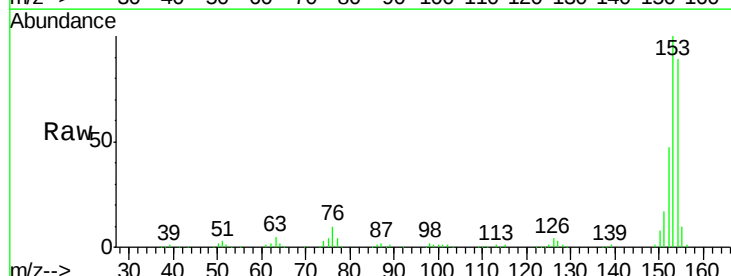
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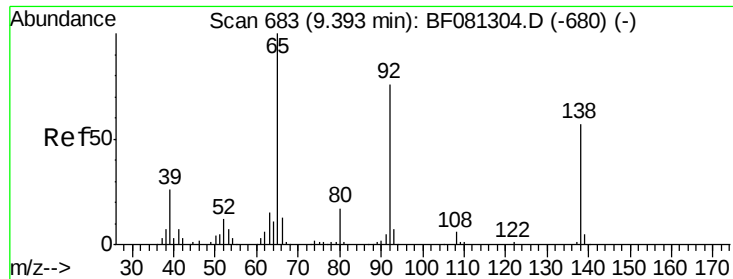
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#51
 Acenaphthene
 Concen: 45.44 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.8	82.1	123.1
152	53.0	37.9	56.9





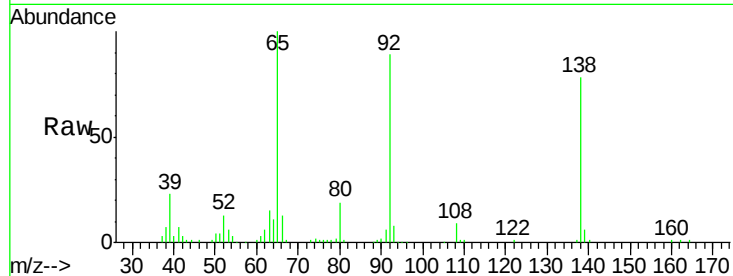
#52
3-Nitroaniline
Concen: 42.80 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

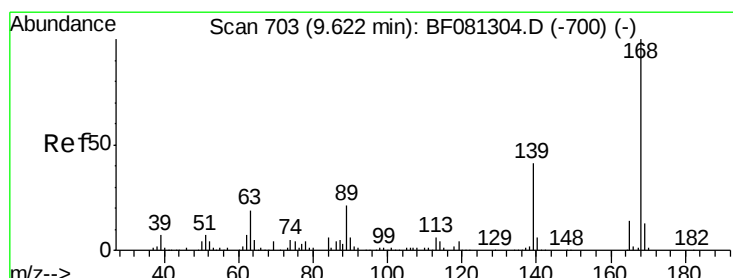
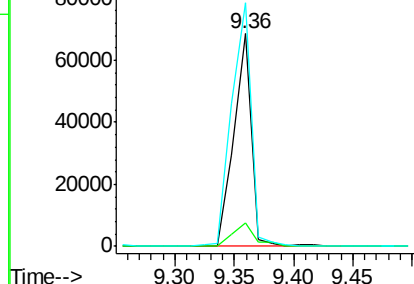
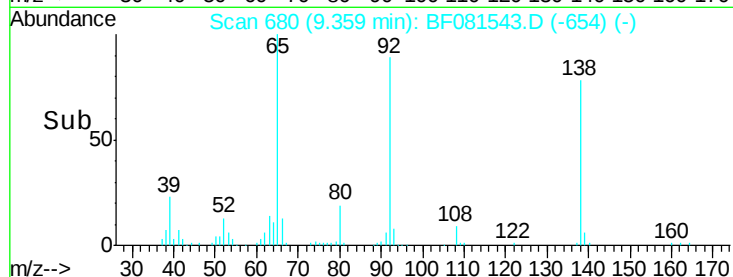
Tgt Ion:138 Resp: 70406
Ion Ratio Lower Upper
138 100
108 11.1 5.7 8.5#
92 114.5 67.7 101.5#

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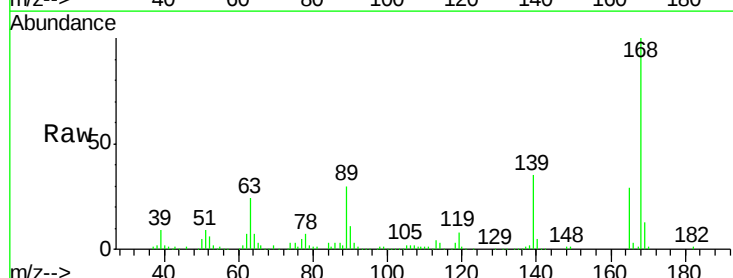


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

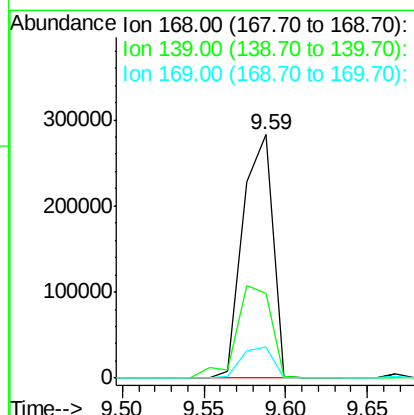
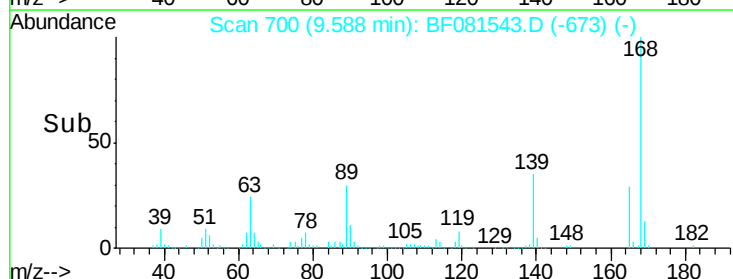


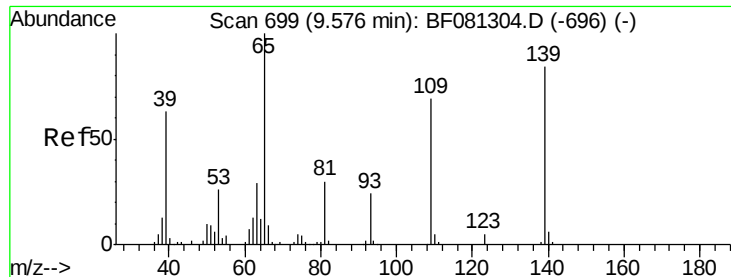
#54
Dibenzofuran
Concen: 44.60 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:168 Resp: 357795
Ion Ratio Lower Upper
168 100
139 34.9 24.2 36.2
169 12.6 10.6 15.8



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: 14.51 ng m

RT: 9.55 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

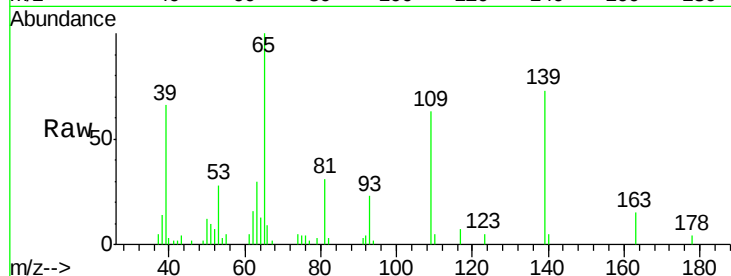
ClientSampleId :

MGP212BR(51.5-54)MSD

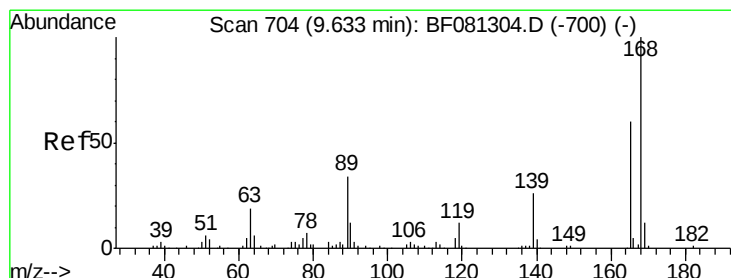
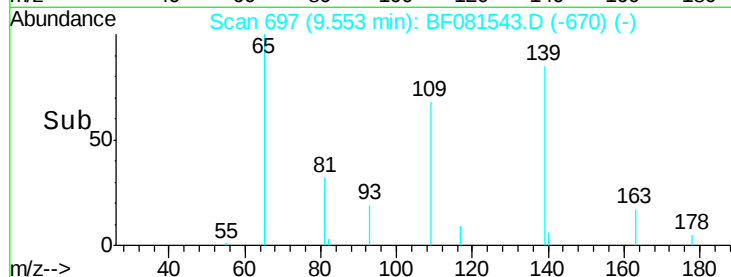
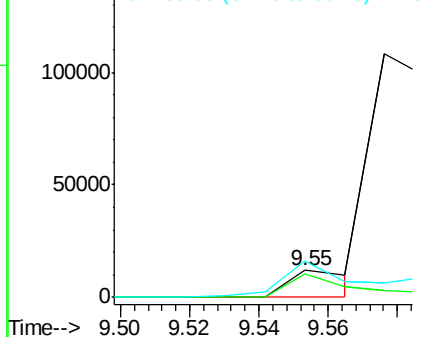
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	14996		
109	85.4	12.7	52.7#	
65	136.4	45.9	85.9#	



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



#56

2,4-Dinitrotoluene

Concen: 39.27 ng

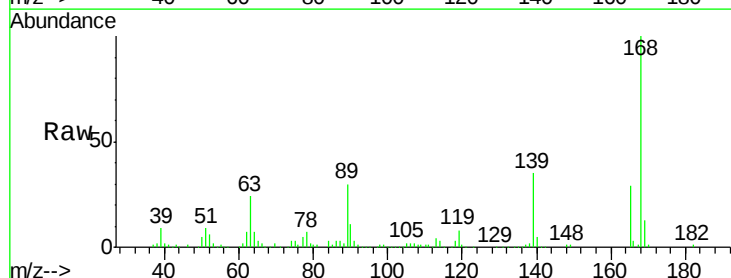
RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

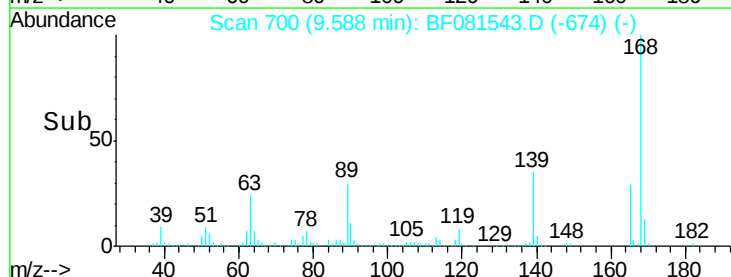
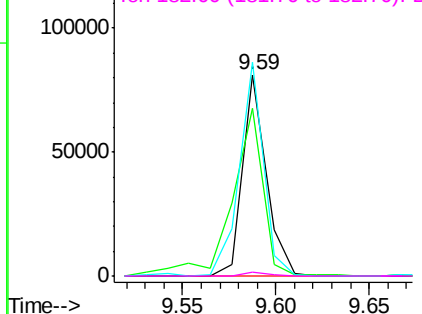
Lab File: BF081543.D

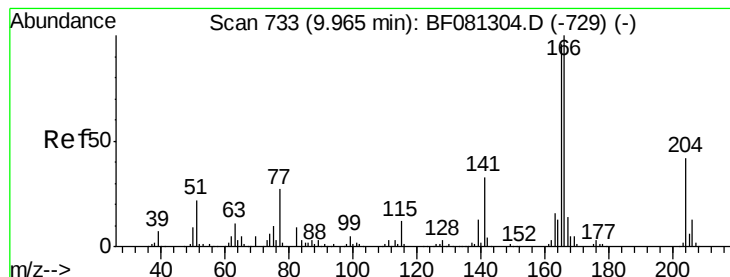
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72253		
63	83.2	29.8	44.6#	
89	106.2	44.5	66.7#	
182	2.0	3.0	4.4#	



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.76 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

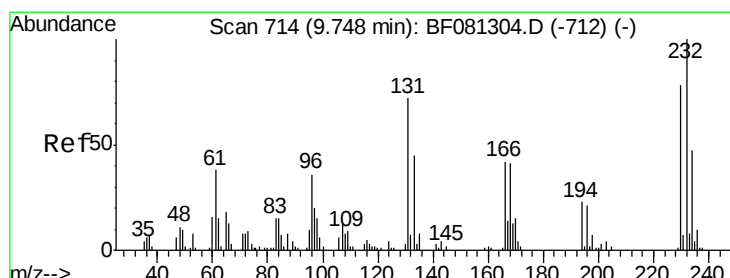
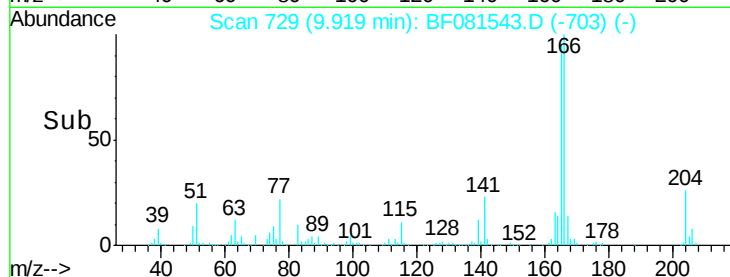
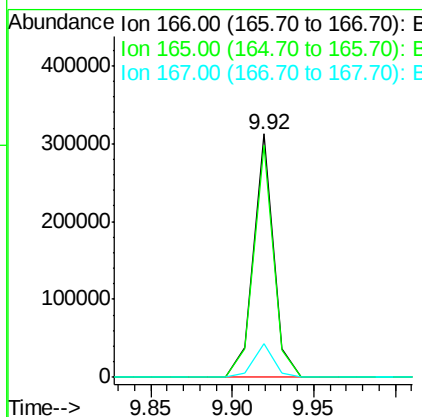
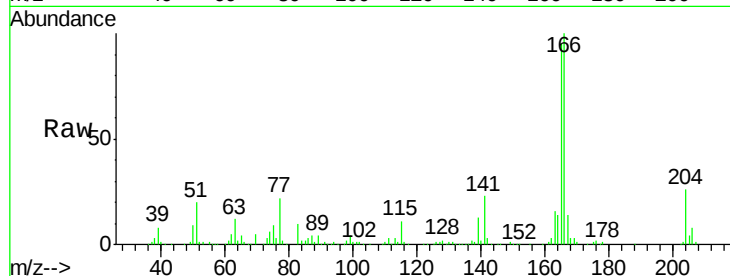
ClientSampleId :

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Tgt Ion:	166	Resp:	266438
Ion Ratio		Lower	Upper
166	100		
165	95.4	72.6	109.0
167	14.0	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 11.19 ng

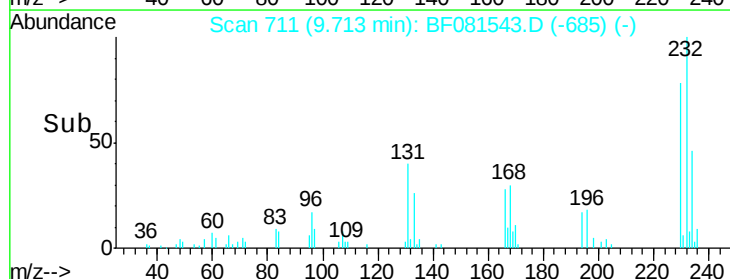
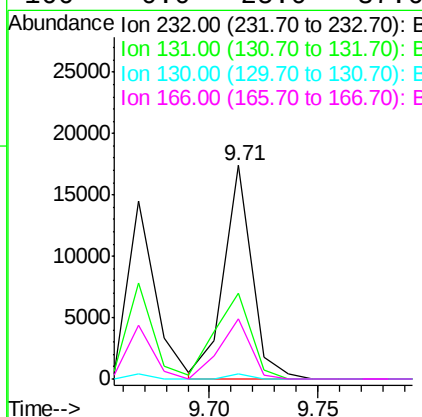
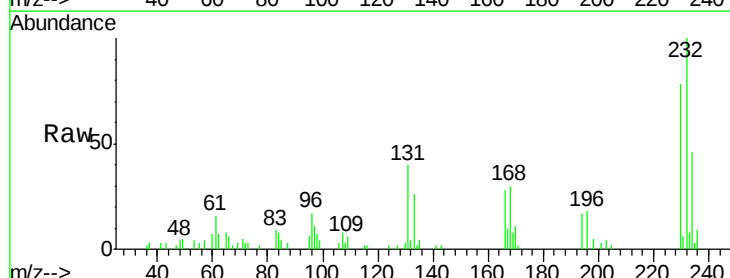
RT: 9.71 min Scan# 711

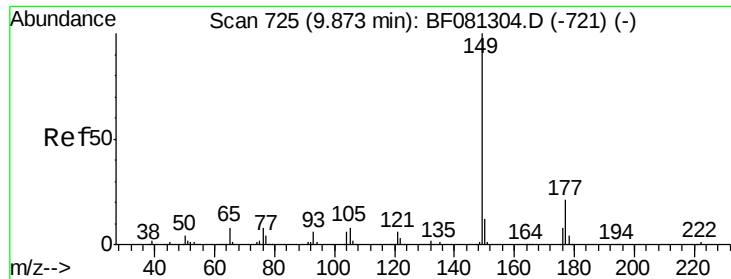
Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion:	232	Resp:	15591
Ion Ratio		Lower	Upper
232	100		
131	50.7	38.5	57.7
130	2.0	1.8	2.6
166	0.0	25.0	37.6#





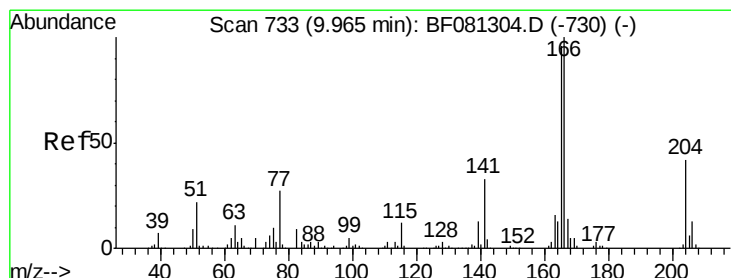
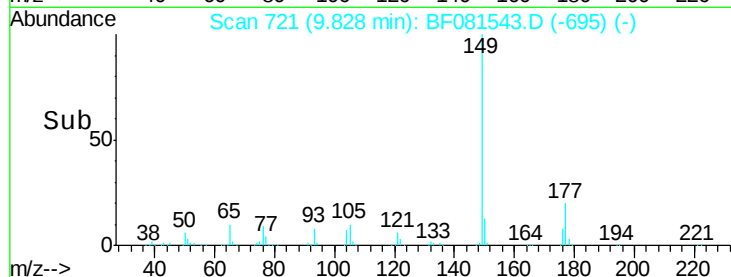
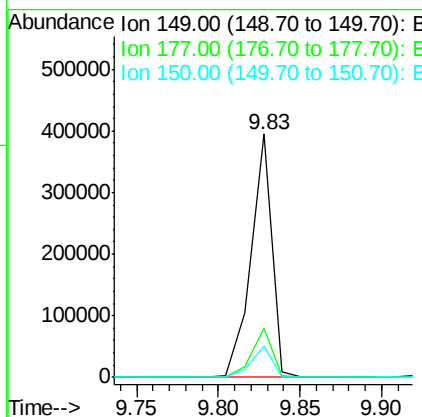
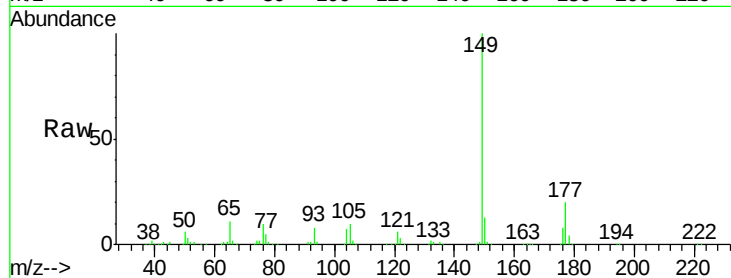
#59
Diethylphthalate
Concen: 52.45 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	351251		
177	20.4	17.5	26.3	
150	12.6	9.4	14.2	

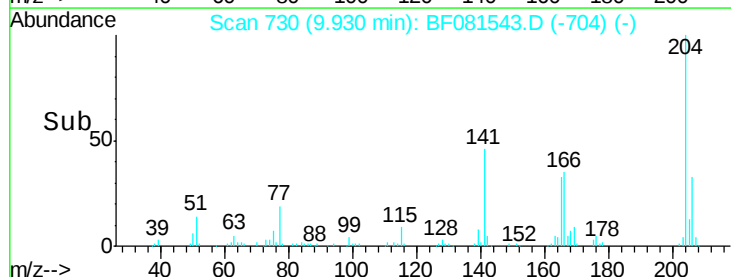
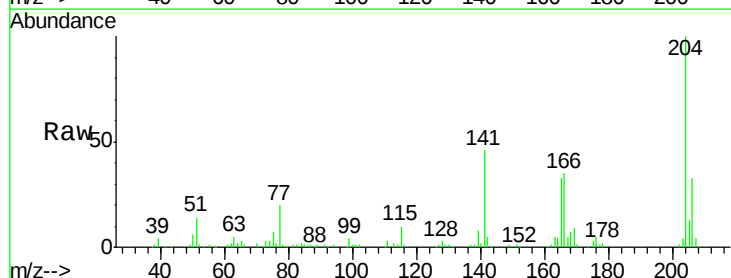
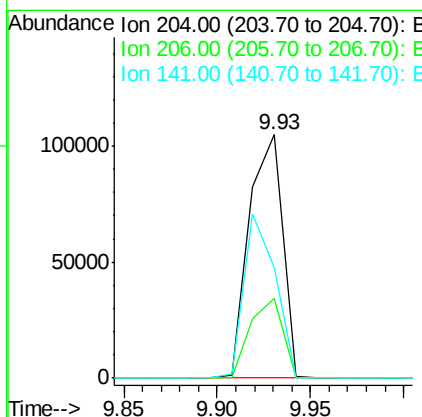
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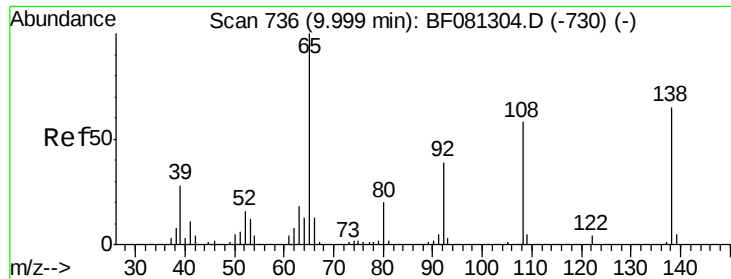
MMDadoda
9/9/2015 2:59:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.80 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	129967		
206	32.6	24.8	37.2	
141	45.6	42.2	63.4	





#61

4-Nitroaniline

Concen: 42.07 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF081543.D

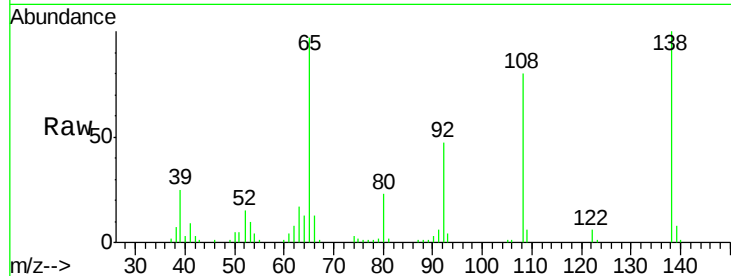
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

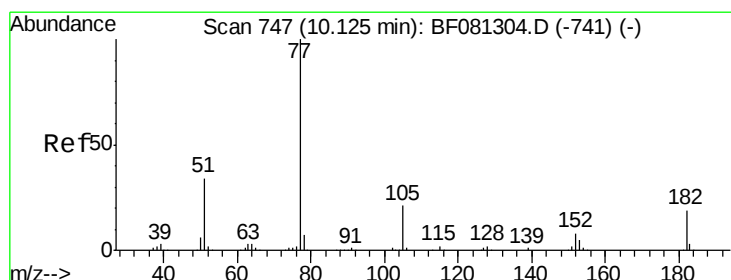
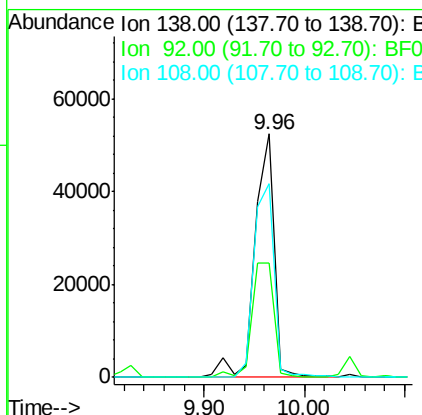
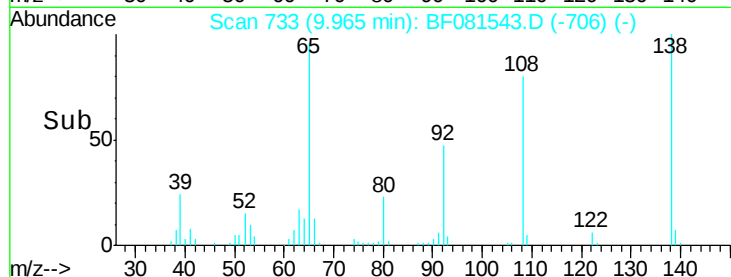
MGP212BR(51.5-54)MSD



Tgt Ion:	138	Resp:	69921
Ion Ratio	Lower	Upper	
138	100		
92	46.7	12.6	52.6
108	79.8	12.4	52.4

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#62

Azobenzene

Concen: 44.10 ng

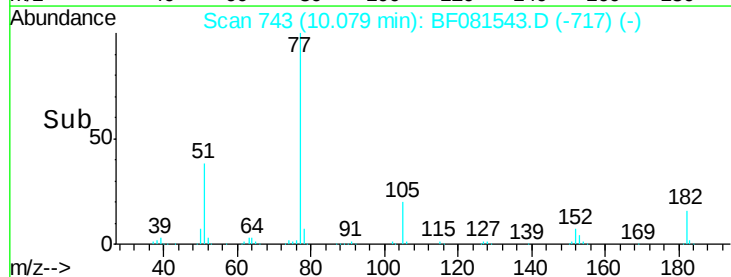
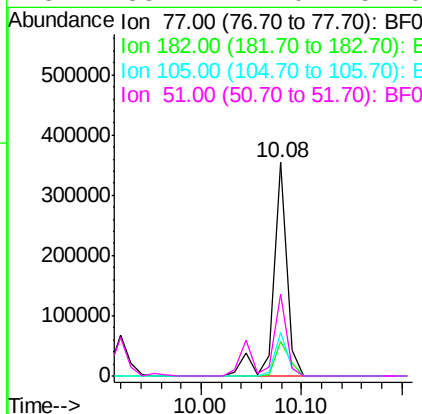
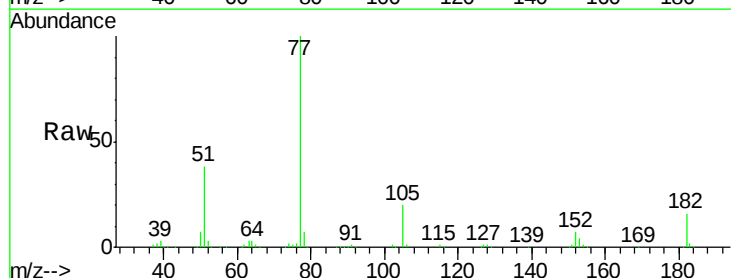
RT: 10.08 min Scan# 743

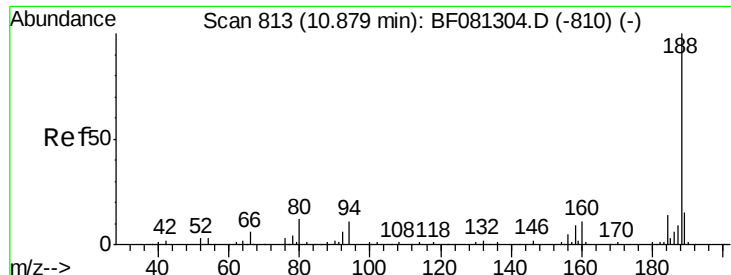
Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion:	77	Resp:	328331
Ion Ratio	Lower	Upper	
77	100		
182	16.3	15.1	55.1
105	20.3	3.4	43.4
51	38.4	12.0	52.0





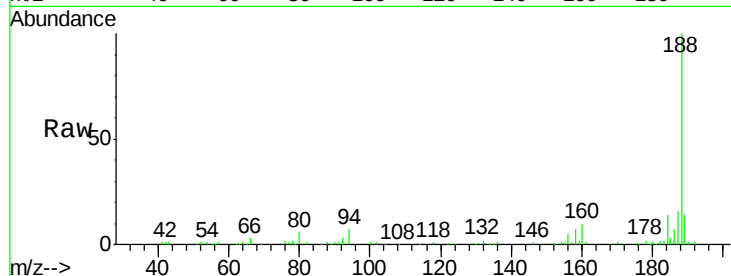
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

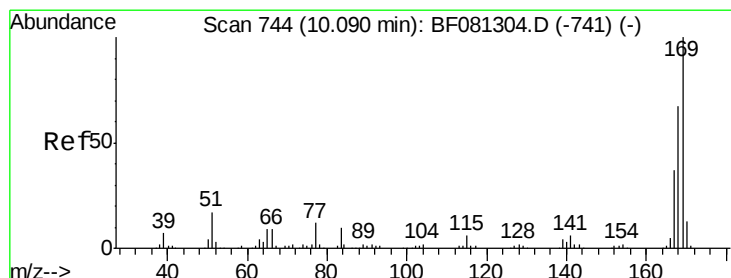
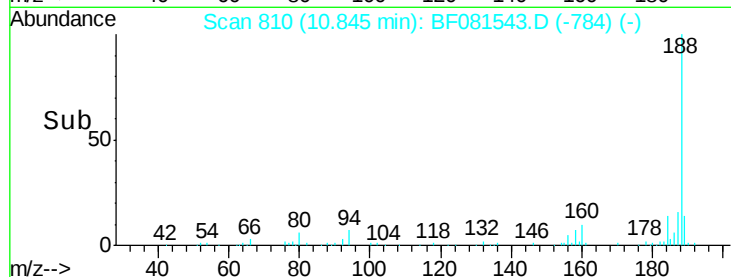
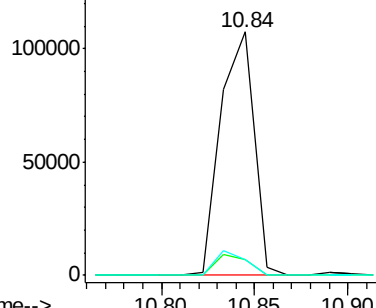
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	133354		
94	6.6	11.1	16.7#	
80	6.4	11.0	16.4#	

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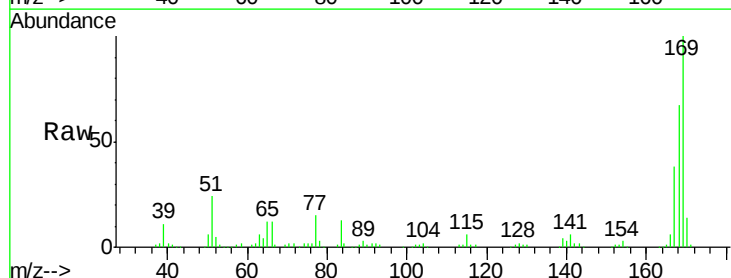


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

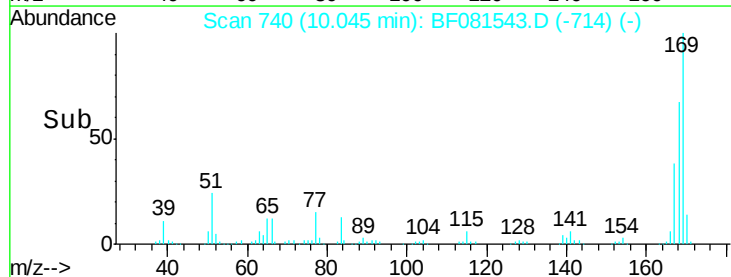
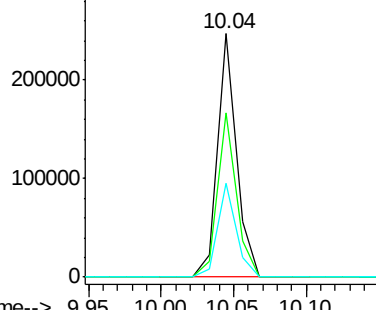


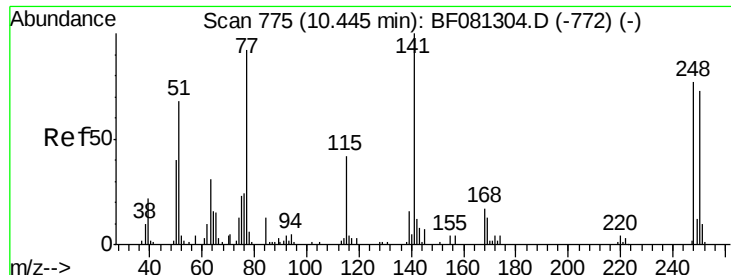
#65
n-Nitrosodiphenylamine
Concen: 46.28 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	224585		
168	67.4	48.9	73.3	
167	38.4	26.2	39.4	



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





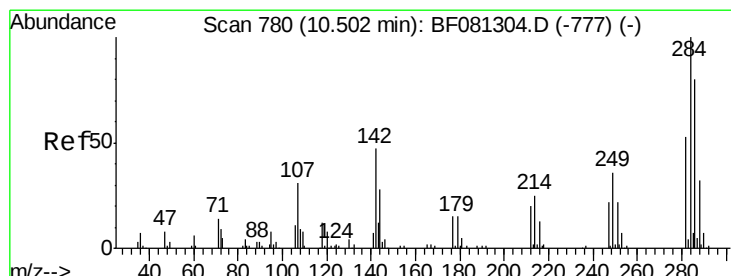
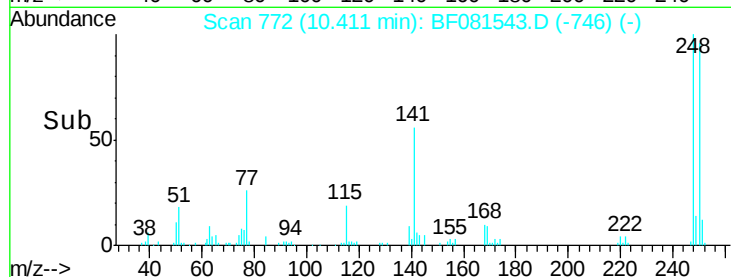
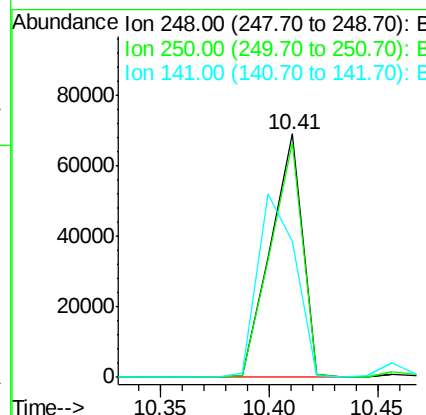
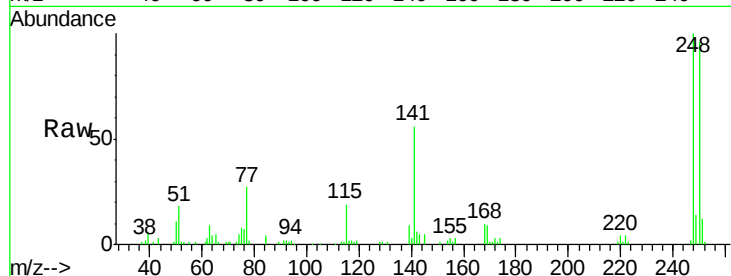
#66
 4-Bromophenyl-phenylether
 Concen: 52.98 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71432		
250	96.1	78.5	117.7	
141	56.1	59.0	88.6#	

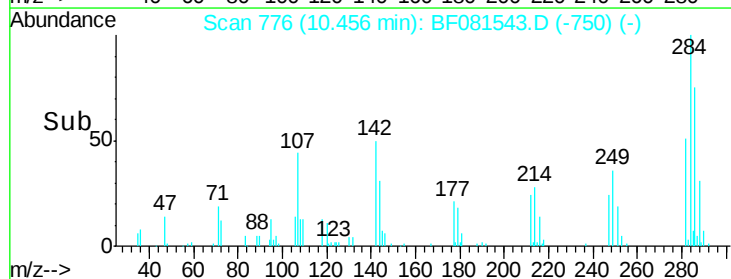
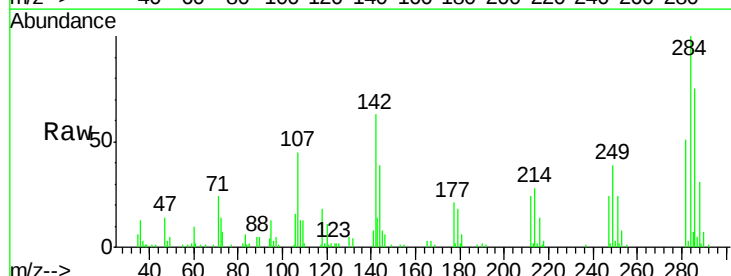
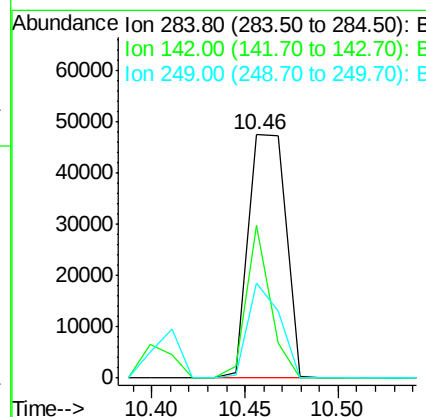
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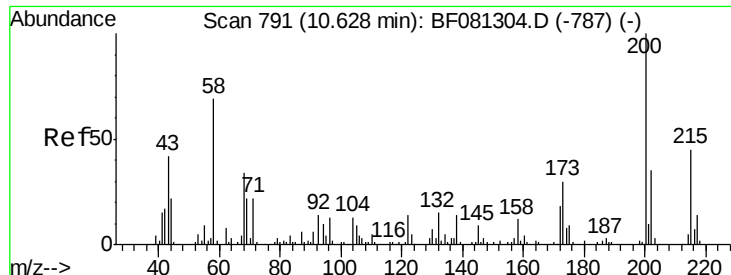
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#67
 Hexachlorobenzene
 Concen: 46.87 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	66074		
142	62.6	29.5	44.3#	
249	38.9	19.5	29.3#	





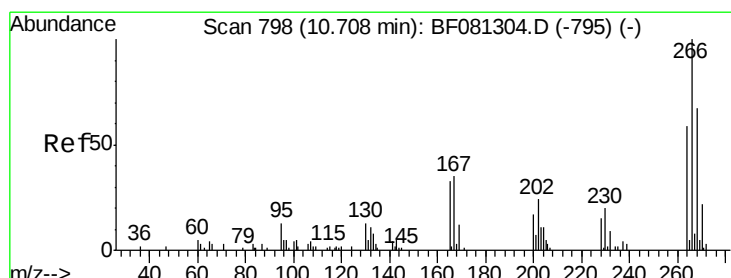
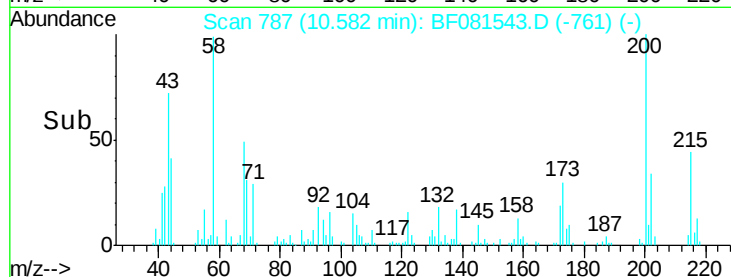
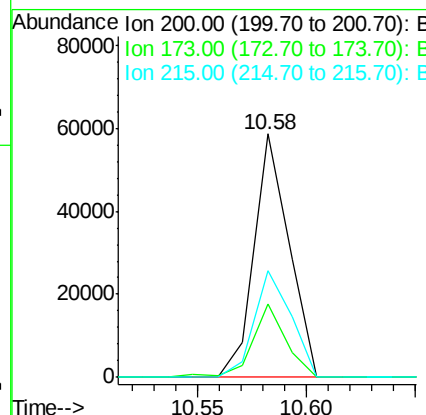
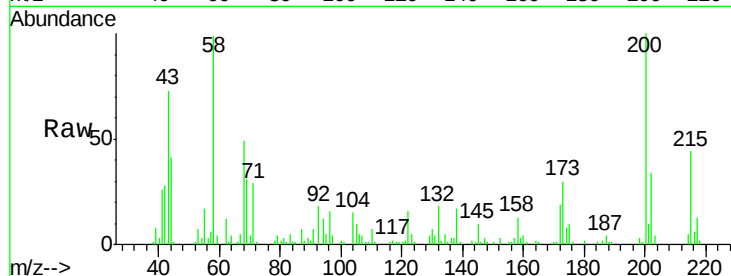
#68
Atrazine
Concen: 46.74 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.1	13.2	53.2
215	43.7	41.8	81.8

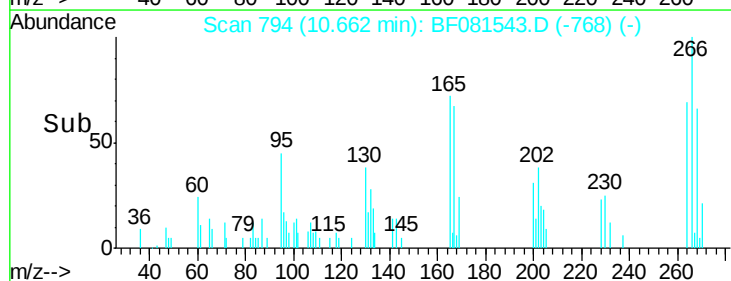
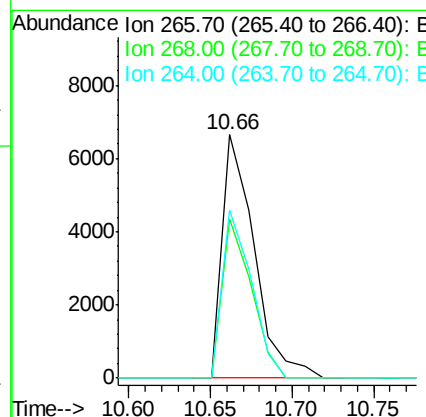
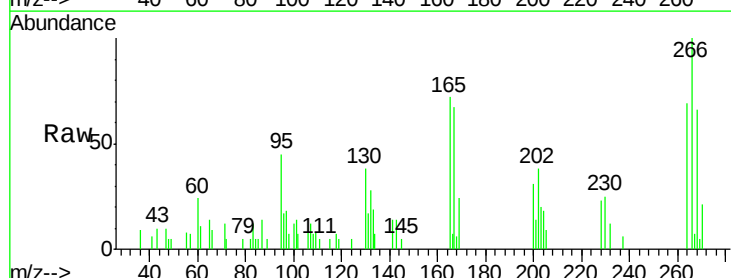
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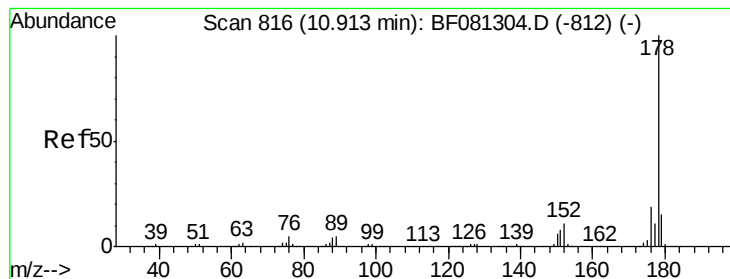
MMDadoda
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#69
Pentachlorophenol
Concen: 20.47 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	49.8	74.6
264	68.9	50.2	75.2





#70

Phenanthrene

Concen: 48.66 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

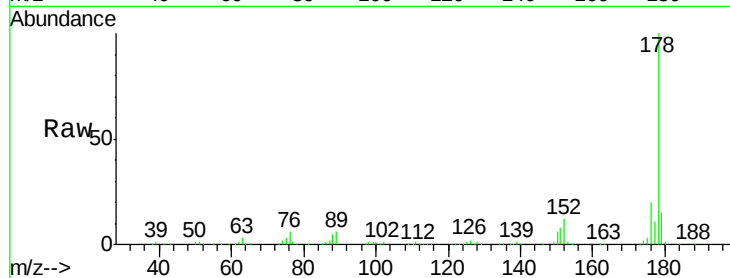
ClientSampleId :

MGP212BR(51.5-54)MSD

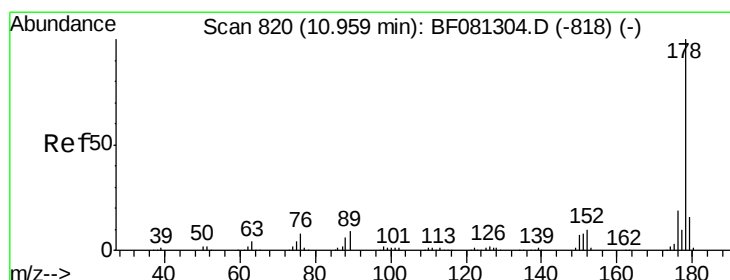
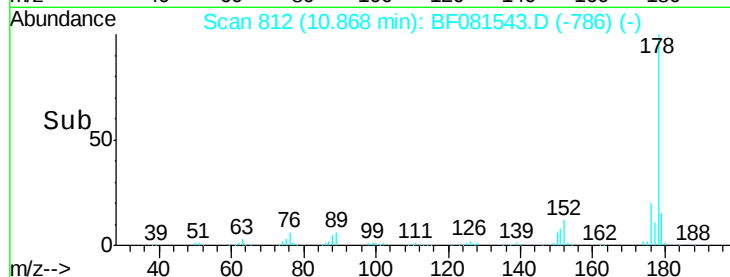
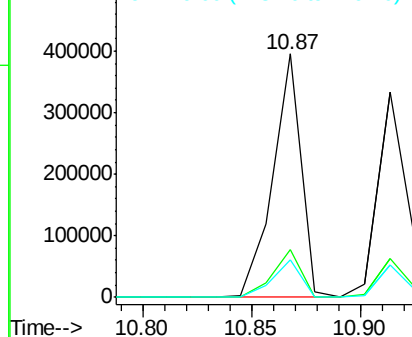
Manual Integrations
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Tgt Ion:	178	Resp:	360733
Ion Ratio	Lower	Upper	
178	100		
176	19.7	13.8	20.8
179	15.2	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.05 ng

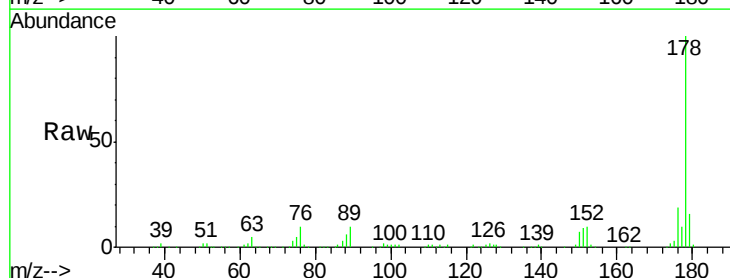
RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

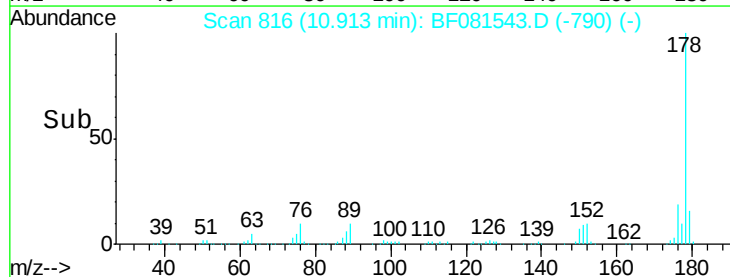
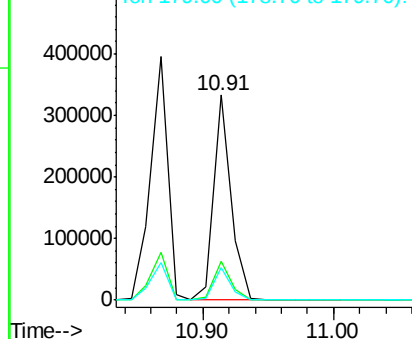
Lab File: BF081543.D

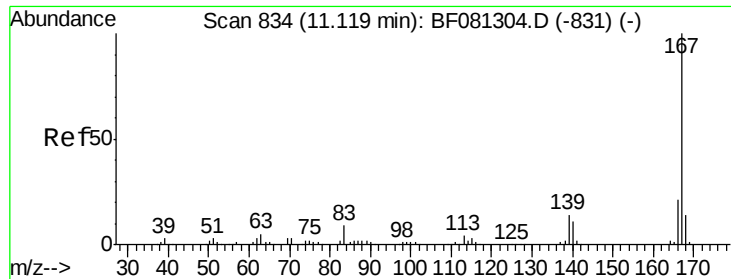
Acq: 9 Sep 2015 3:39

Tgt Ion:	178	Resp:	312695
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.1	21.1
179	16.1	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 47.52 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF081543.D

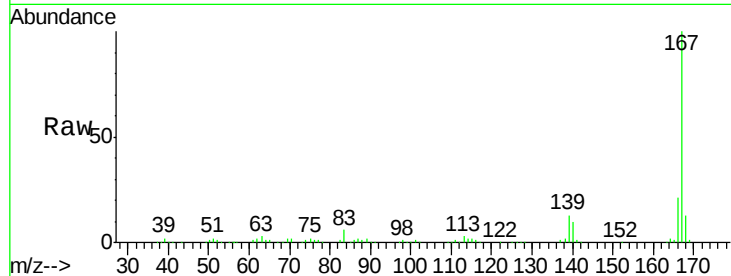
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

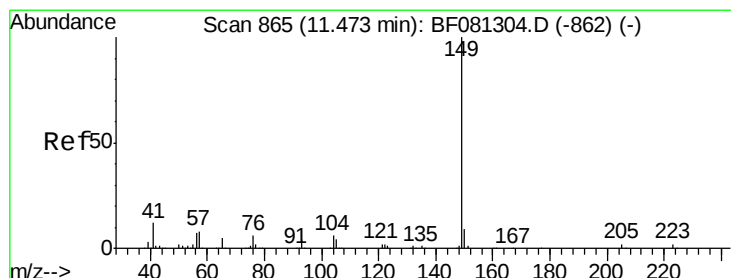
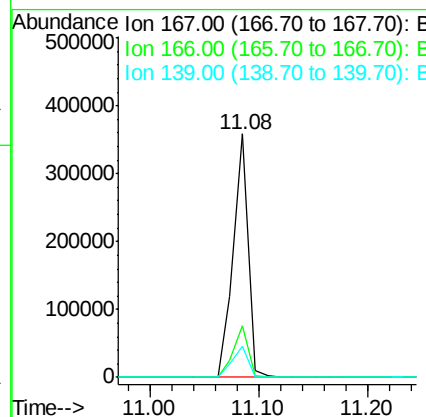
MGP212BR(51.5-54)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
167	100	339662		
166	21.4	15.7	23.5	
139	13.0	9.5	14.3	

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#73

Di-n-butylphthalate

Concen: 52.87 ng

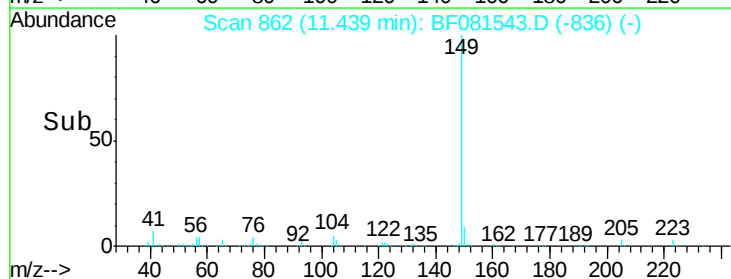
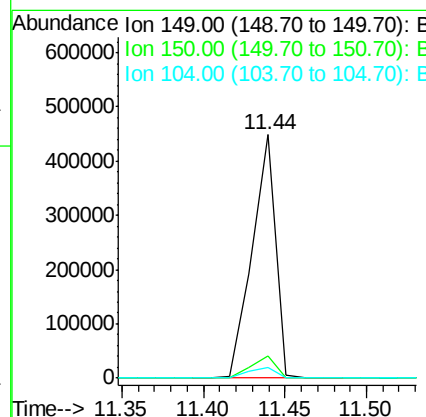
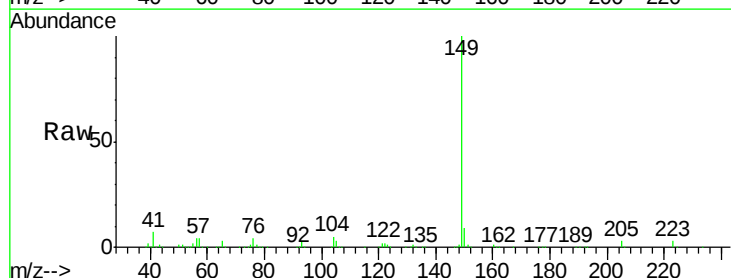
RT: 11.44 min Scan# 862

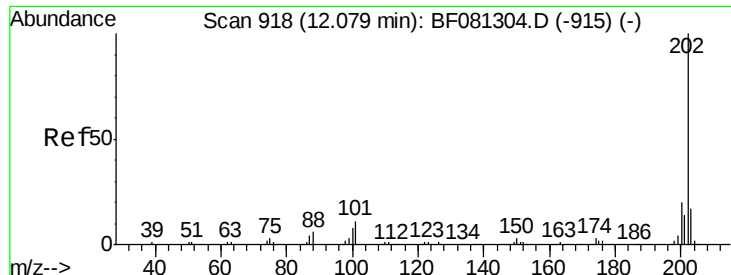
Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	446208		
150	9.0	7.4	11.2	
104	4.5	2.4	3.6	





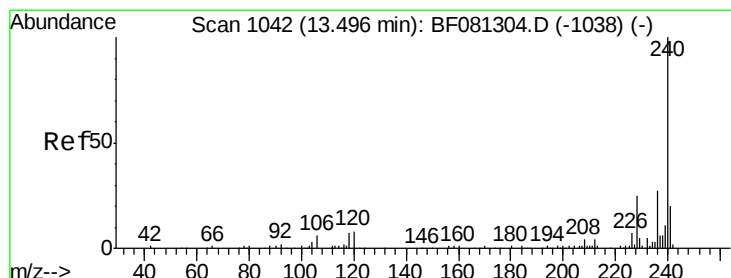
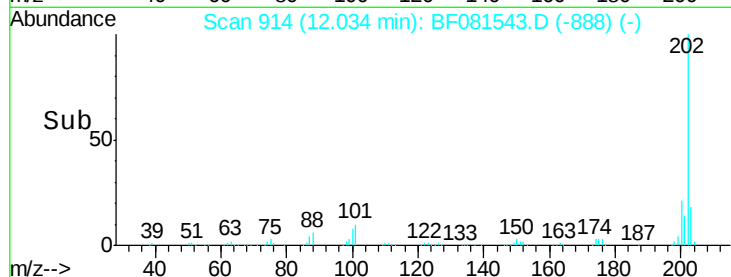
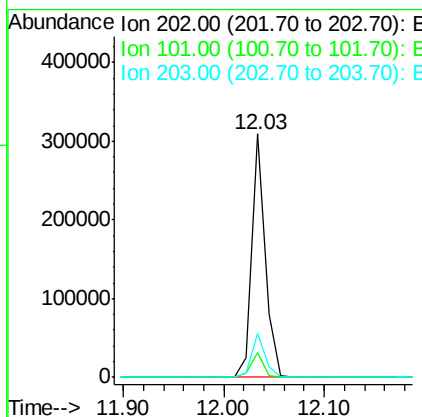
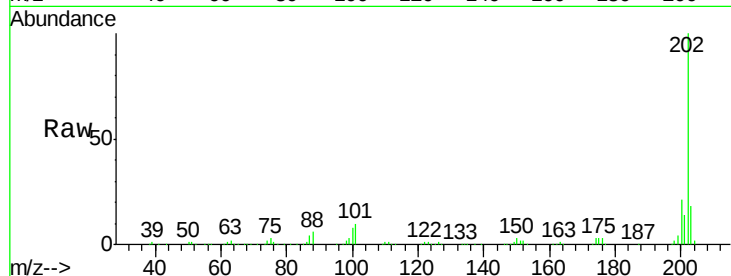
#74
Fluoranthene
 Concen: 35.63 ng
 RT: 12.03 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	0.0	38.3
203	17.9	0.0	37.3

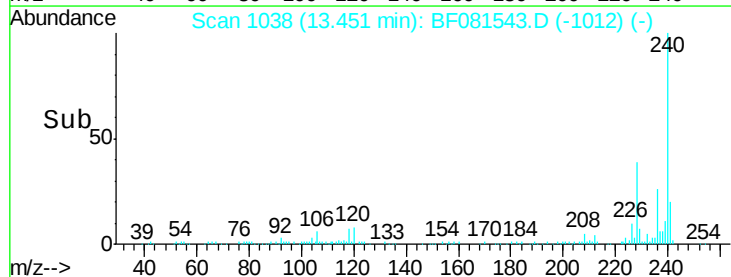
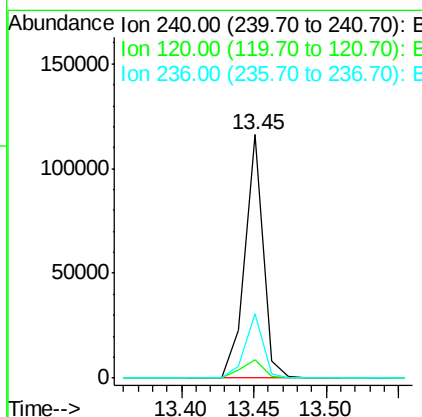
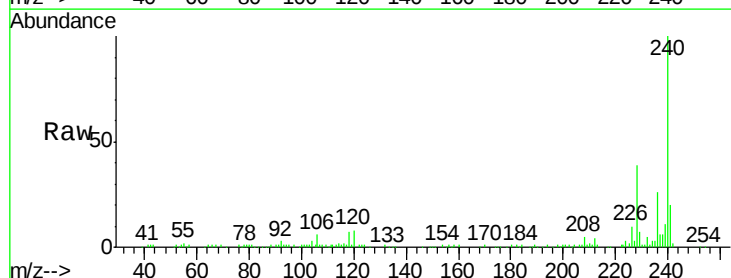
Manual Integrations
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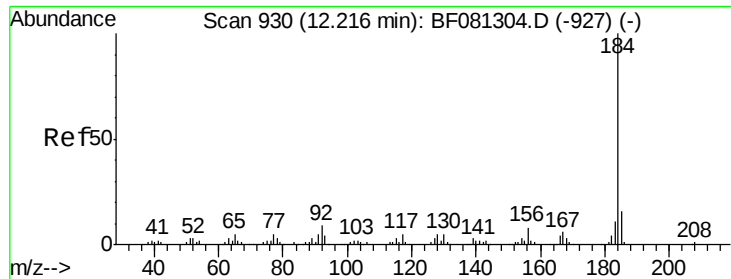
MMDadoda
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.7	16.2	24.2#
236	26.3	18.4	27.6





#76

Benzidine

Concen: 41.55 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

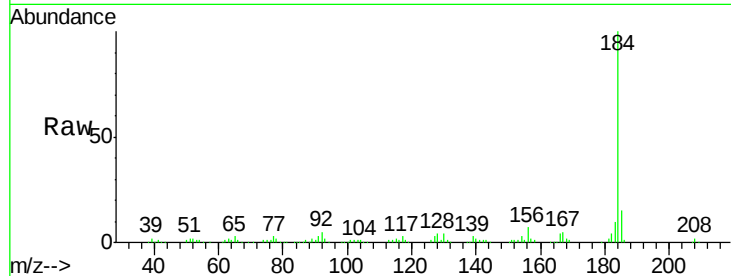
ClientSampleId :

MGP212BR(51.5-54)MSD

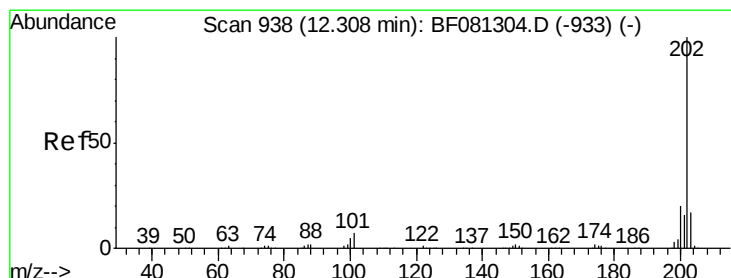
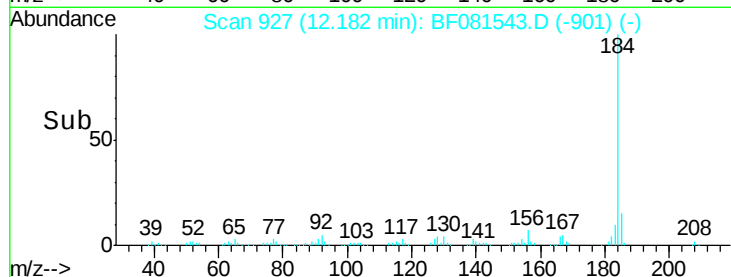
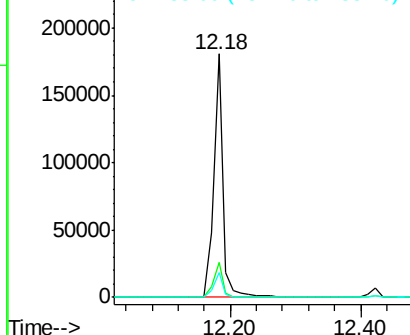
Tgt Ion:	184	Resp:	181426
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.6
183	10.2	7.6	11.4

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



#77

Pyrene

Concen: 42.07 ng

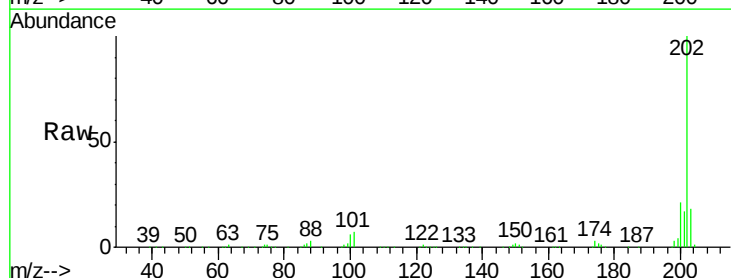
RT: 12.26 min Scan# 934

Delta R.T. 0.00 min

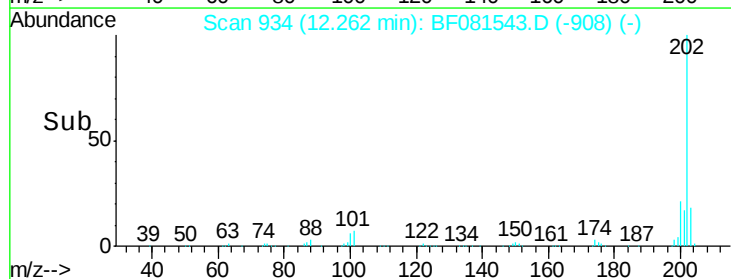
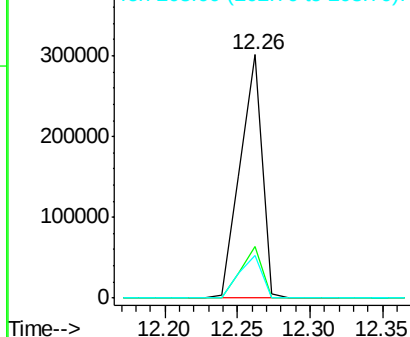
Lab File: BF081543.D

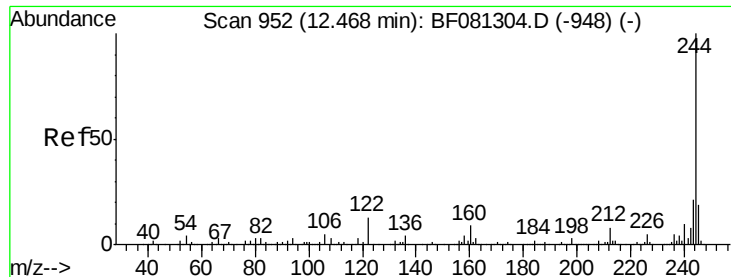
Acq: 9 Sep 2015 3:39

Tgt Ion:	202	Resp:	316947
Ion Ratio	Lower	Upper	
202	100		
200	21.0	15.0	22.4
203	17.5	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.73 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

MGP212BR(51.5-54)MSD

Tgt Ion:244 Resp: 365876
Ion Ratio Lower Upper

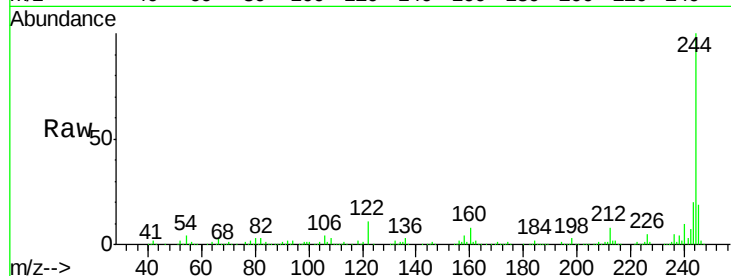
244 100

212 7.7 4.3 6.5#

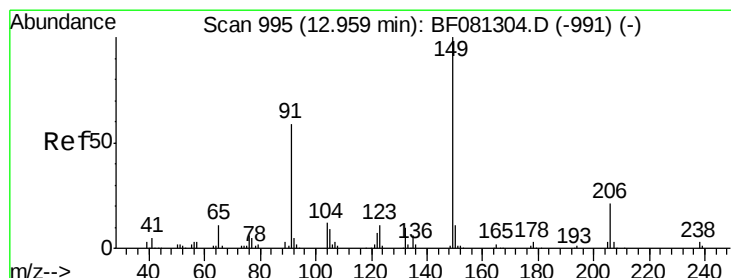
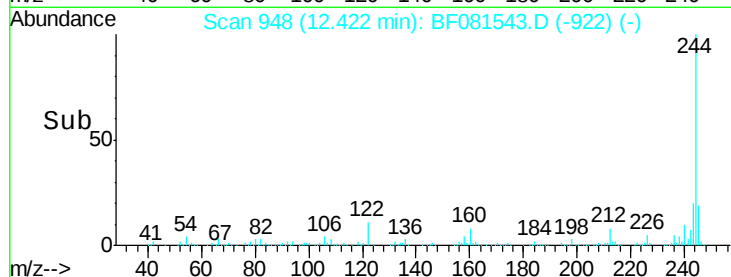
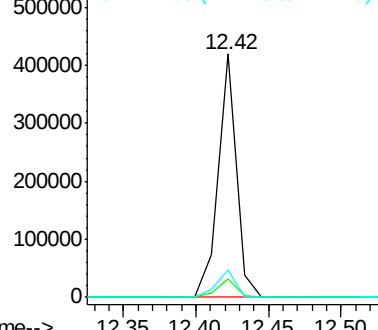
122 11.0 17.4 26.2#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.36 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081543.D

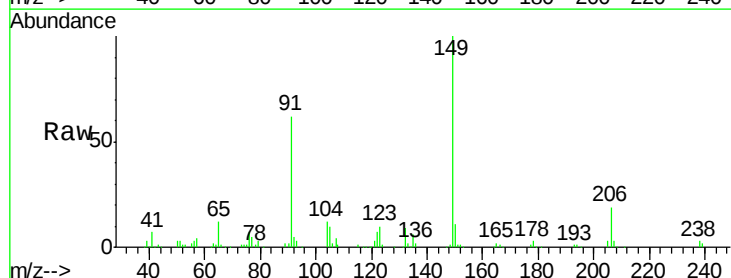
Acq: 9 Sep 2015 3:39

Tgt Ion:149 Resp: 148637
Ion Ratio Lower Upper

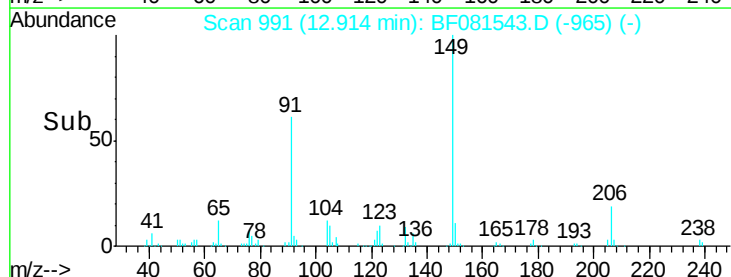
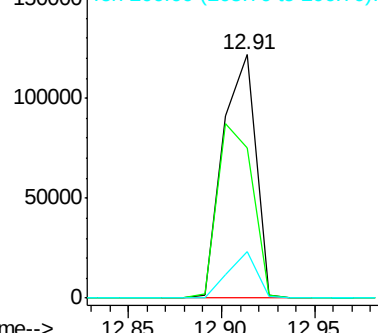
149 100

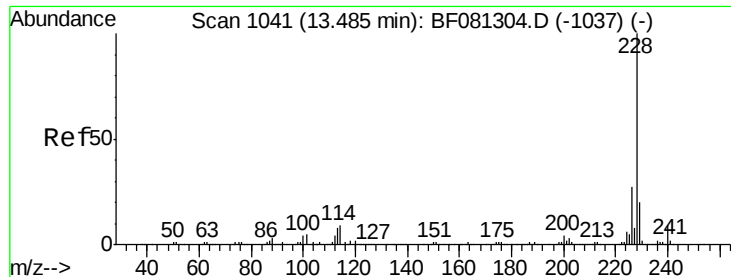
91 61.5 48.6 72.8

206 19.0 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





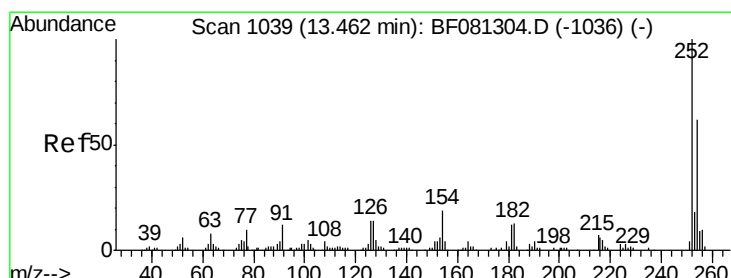
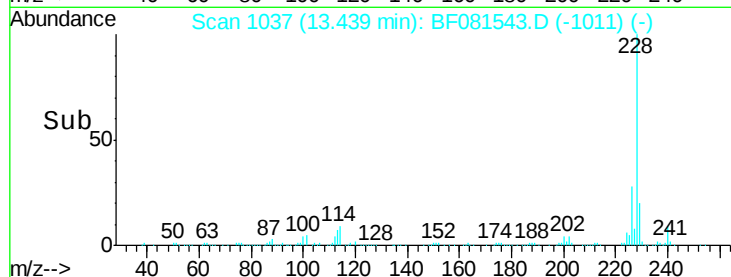
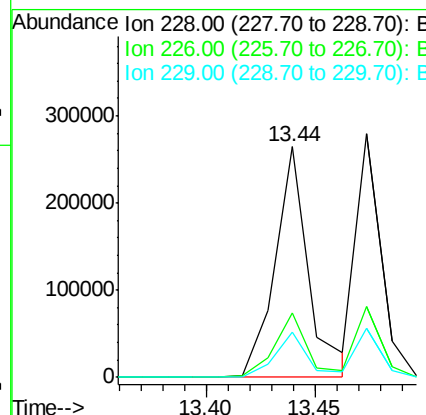
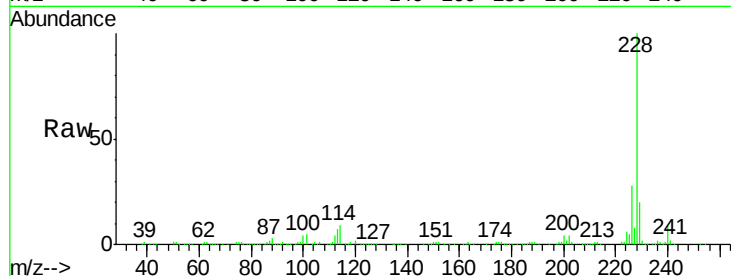
#80
Benzo(a)anthracene
Concen: 44.13 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	285883		
226	27.8	20.0	30.0	
229	19.6	15.4	23.2	

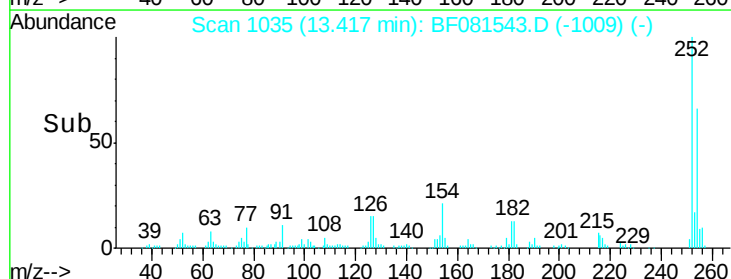
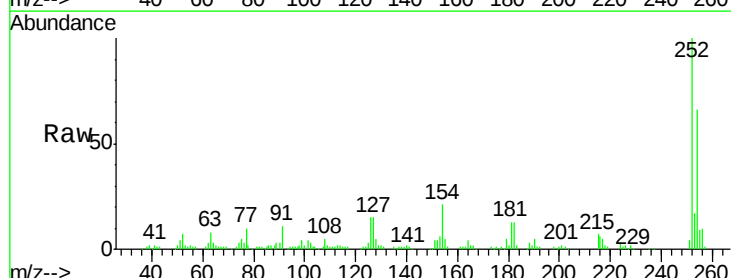
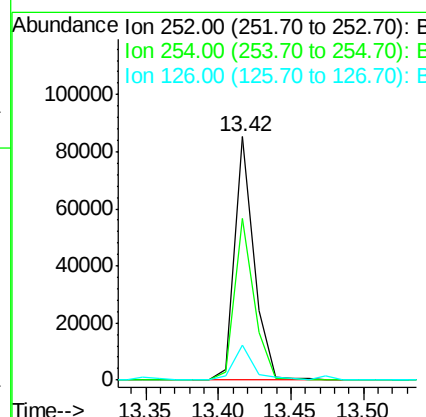
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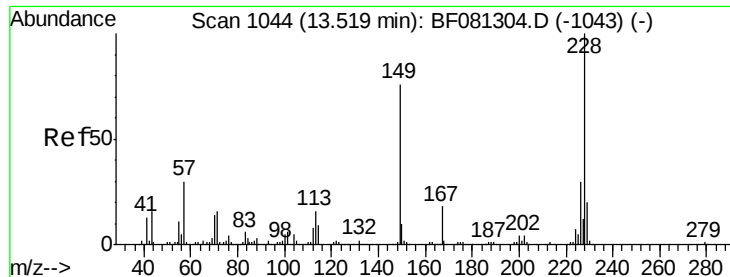
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#81
3,3'-Dichlorobenzidine
Concen: 36.24 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	79179		
254	66.2	51.4	77.2	
126	14.6	16.4	24.6	





#82

Chrysene

Concen: 38.61 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

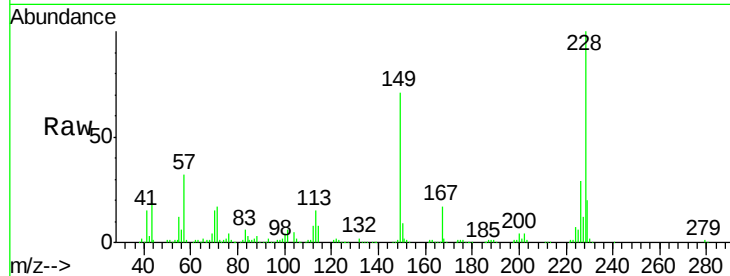
ClientSampleId :

MGP212BR(51.5-54)MSD

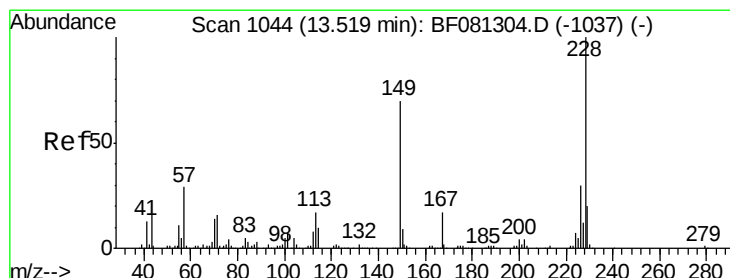
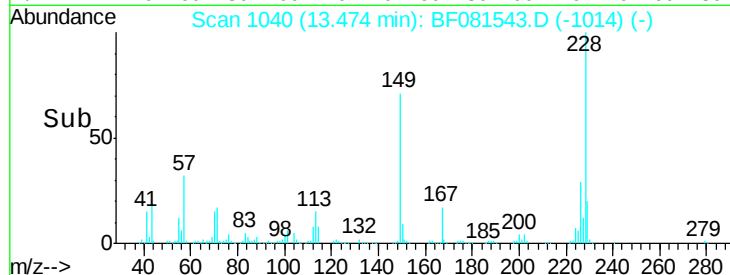
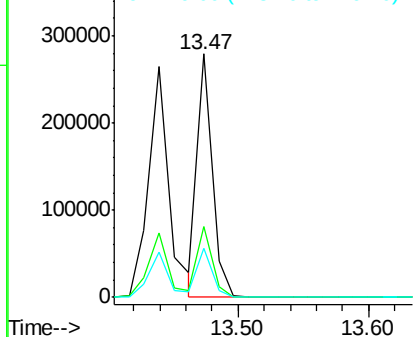
Tgt Ion:	228	Resp:	224189
Ion Ratio		Lower	Upper
228	100		
226	29.1	21.0	31.4
229	20.1	15.6	23.4

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.19 ng

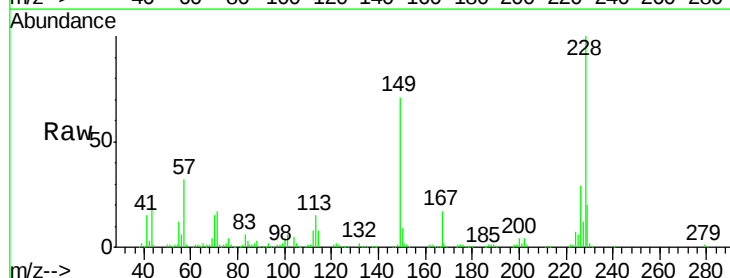
RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

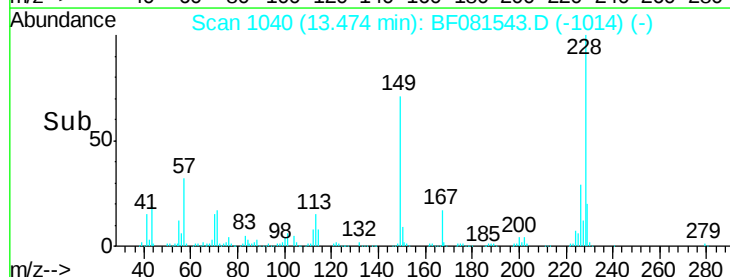
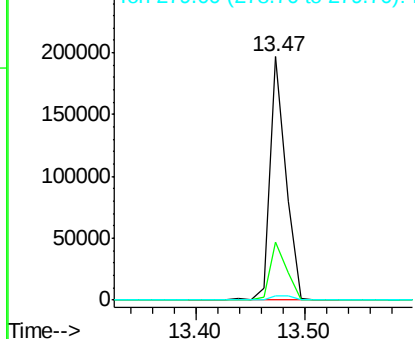
Lab File: BF081543.D

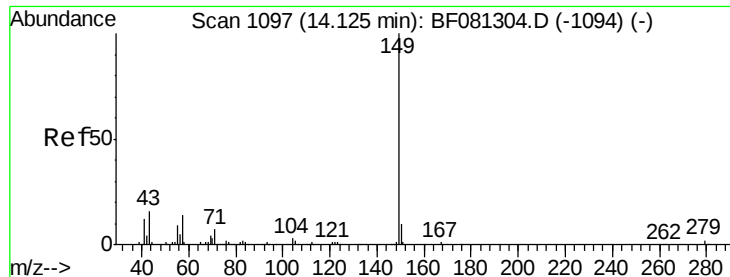
Acq: 9 Sep 2015 3:39

Tgt Ion:	149	Resp:	199731
Ion Ratio		Lower	Upper
149	100		
167	23.9	24.2	36.2#
279	1.5	3.8	5.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





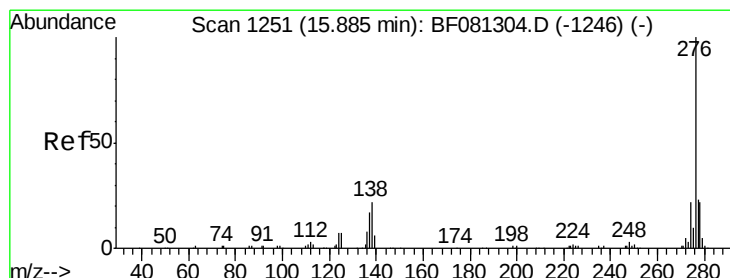
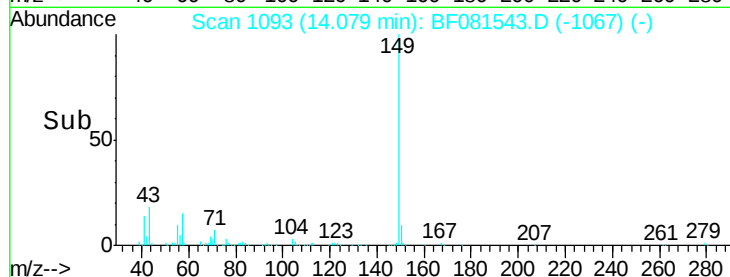
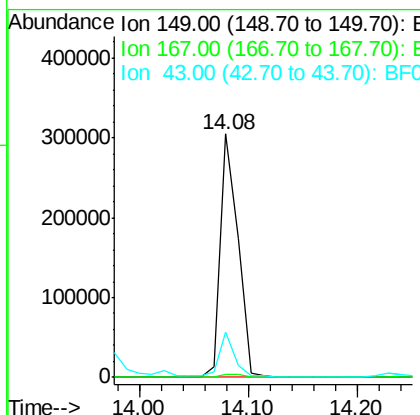
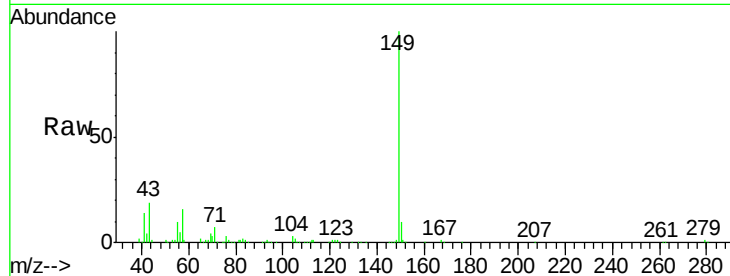
#84
Di-n-octyl phthalate
Concen: 48.14 ng
RT: 14.08 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	342752		
167	1.3	1.0	1.6	
43	15.5	10.2	15.2#	

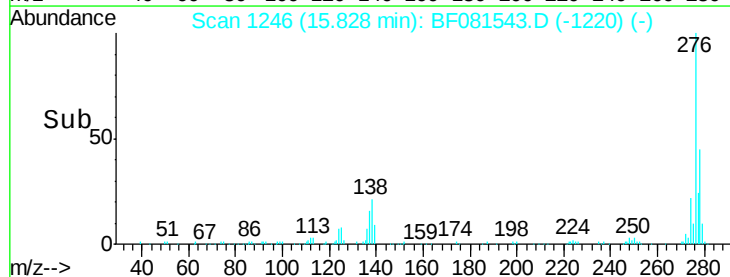
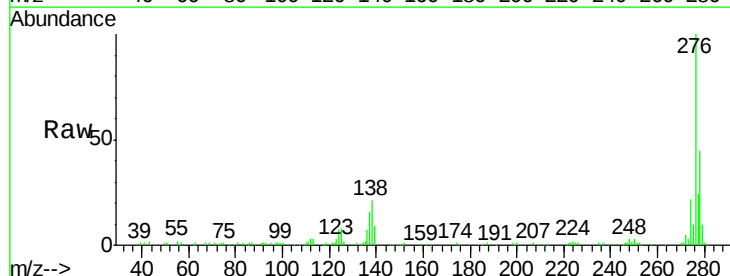
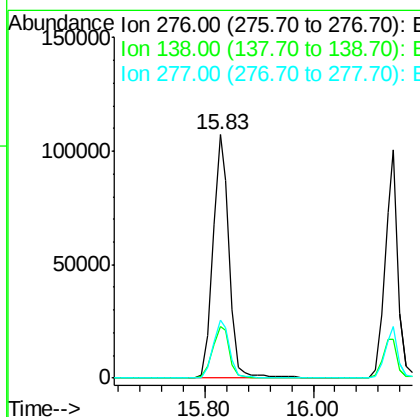
Manual Integrations
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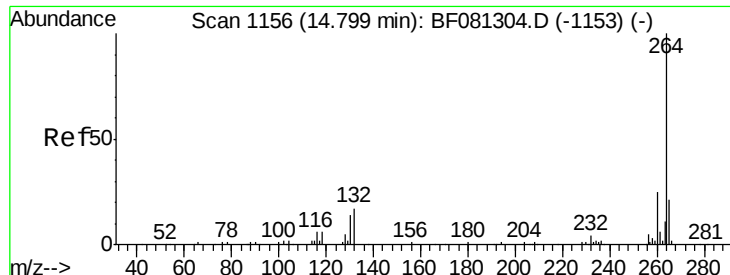
MMDadoda
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#85
Indeno(1,2,3-cd)pyrene
Concen: 52.97 ng
RT: 15.83 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

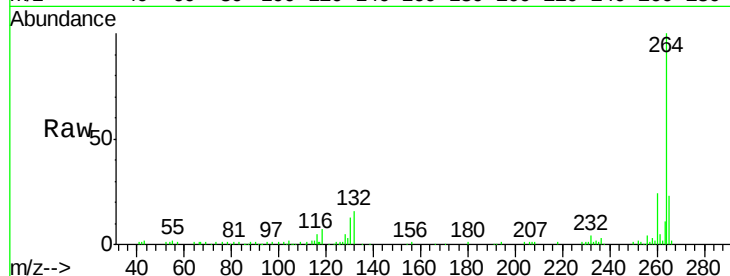
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	225681		
138	22.1	25.7	38.5#	
277	24.4	15.6	23.4#	





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

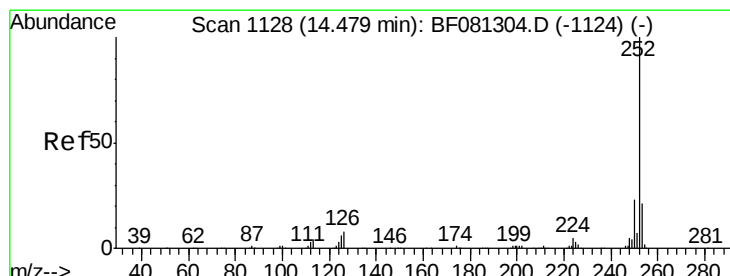
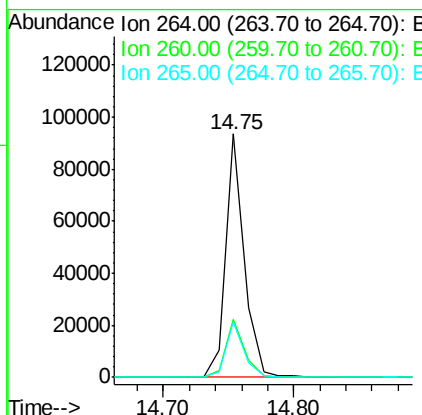
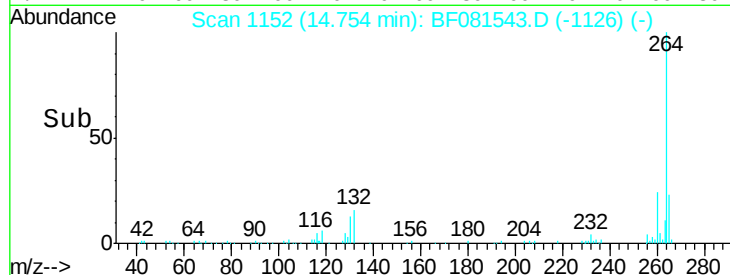
Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD



Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.9	17.2	25.8

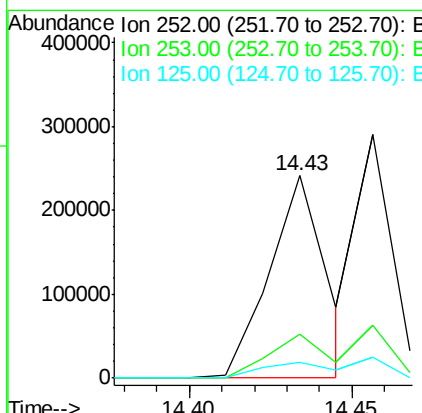
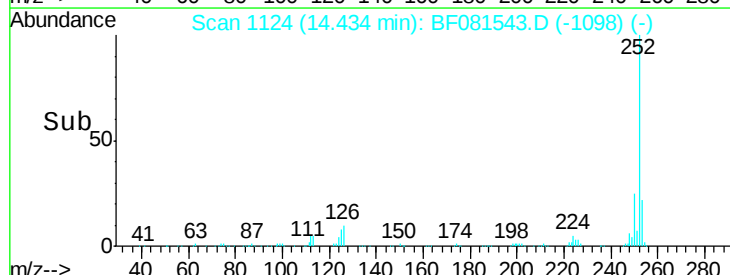
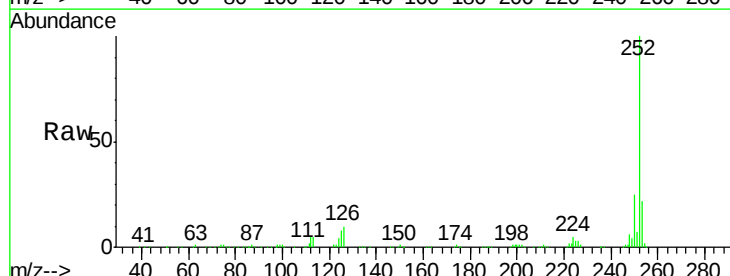
Manual Integrations
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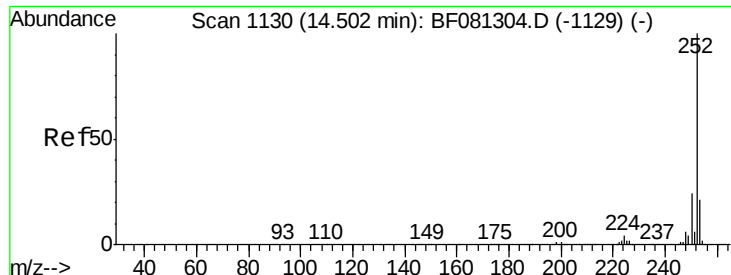
MMDadoda
9/9/2015 2:59:48 PM



#87
Benzo(b)fluoranthene
Concen: 44.76 ng m
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.5	17.1	25.7#





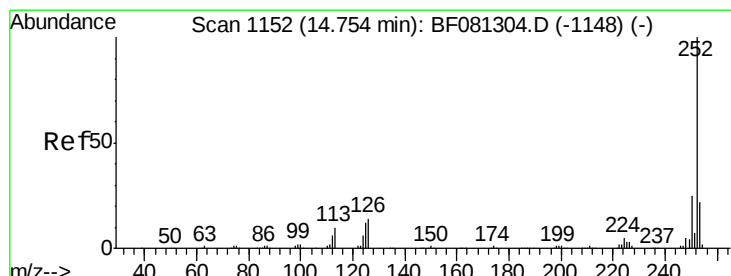
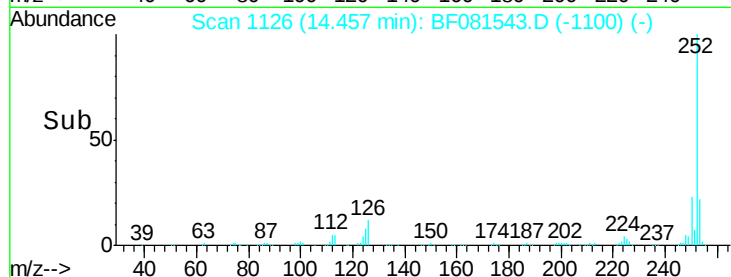
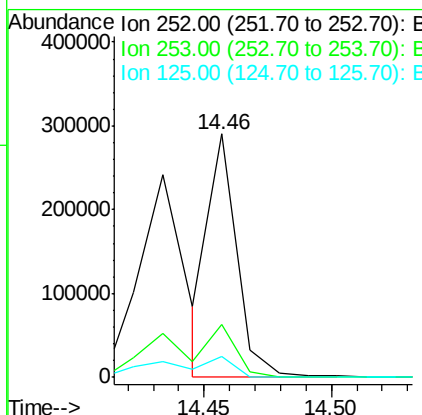
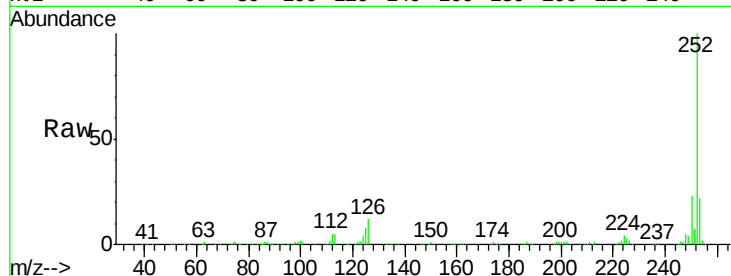
#88
Benzo(k)fluoranthene
Concen: 41.61 ng m
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	8.4	16.0	24.0

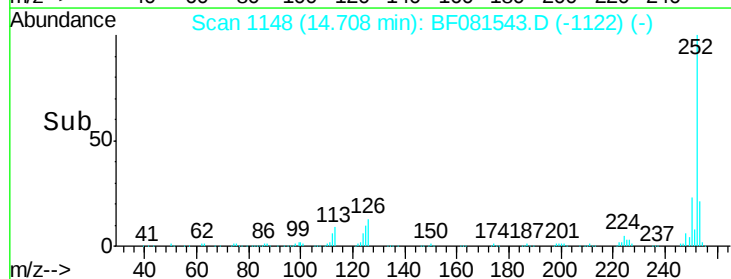
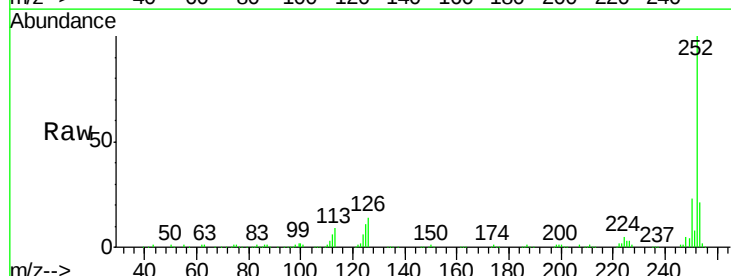
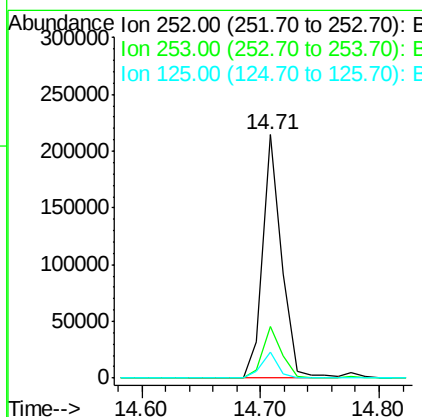
Manual Integrations
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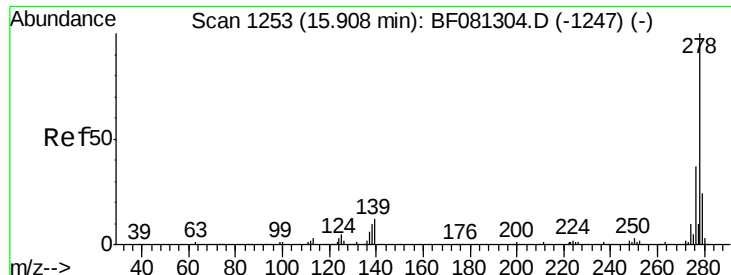
MMDadoda
9/9/2015 2:59:48 PM



#89
Benzo(a)pyrene
Concen: 43.09 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.7	18.0	27.0





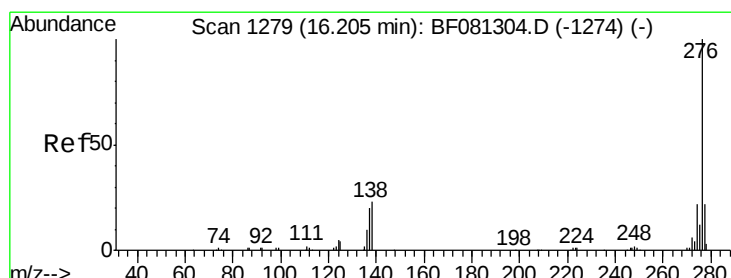
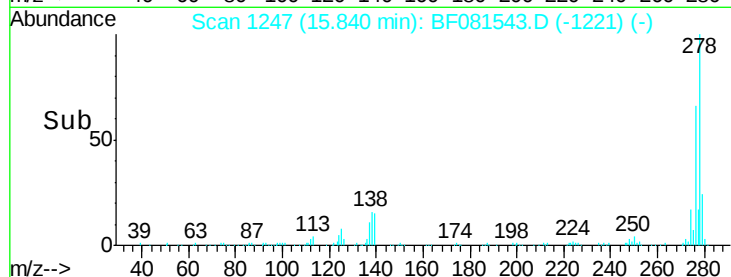
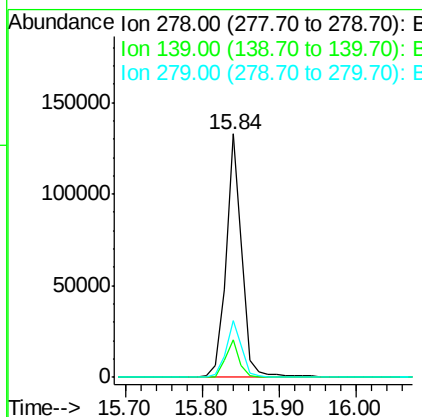
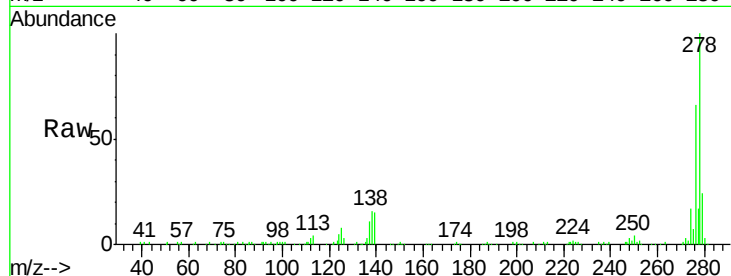
#90
Dibenzo(a,h)anthracene
Concen: 45.19 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	194670		
139	15.5	26.3	39.5#	
279	23.5	18.2	27.4	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 41.39 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	170168		
277	22.7	17.8	26.6	
138	16.9	34.6	51.8#	

