

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080737.D
 Acq On : 31 Jul 2015 16:42
 Operator : TP/UM
 Sample : PB84765BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:37 AM

Quant Time: Aug 01 01:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160221	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	600251	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	321317	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	576092	20.00	ng	0.00
75) Chrysene-d12	14.00	240	362950	20.00	ng	0.00
86) Perylene-d12	15.41	264	305264	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1063746	113.89	ng	0.02
7) Phenol-d6	6.49	99	1347009	105.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	917354	74.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	372738	111.79	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1596250	74.11	ng	0.00
78) Terphenyl-d14	12.96	244	1440964	75.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	142161	30.87	ng	97
3) Pyridine	3.30	79	414791	32.46	ng	98
4) n-Nitrosodimethylamine	3.25	42	270953	37.09	ng	99
6) Aniline	6.52	93	388334	21.22	ng	98
8) 2-Chlorophenol	6.64	128	380400	36.34	ng	98
9) Benzaldehyde	6.40	77	77111	8.05	ng	88
10) Phenol	6.50	94	604077	41.05	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	372175	35.41	ng	98
12) 1,3-Dichlorobenzene	6.80	146	428335	36.75	ng	97
13) 1,4-Dichlorobenzene	6.88	146	434872	36.58	ng	97
14) 1,2-Dichlorobenzene	7.02	146	428992	39.47	ng	96
15) Benzyl Alcohol	7.00	79	308168	29.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	885984	39.45	ng	98
17) 2-Methylphenol	7.10	107	340398	39.61	ng	98
18) Hexachloroethane	7.37	117	164839	37.15	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	337440	39.41	ng	# 90
20) 3+4-Methylphenols	7.26	107	427725	40.34	ng	# 89
22) Acetophenone	7.26	105	552112	38.11	ng	# 90
24) Nitrobenzene	7.44	77	502757	40.48	ng	96
25) Isophorone	7.68	82	844288	38.30	ng	99
26) 2-Nitrophenol	7.76	139	207245m	41.11	ng	
27) 2,4-Dimethylphenol	7.79	122	468204	49.44	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	534506	40.93	ng	98
29) 2,4-Dichlorophenol	8.00	162	336019	39.92	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	334957	36.49	ng	100
31) Naphthalene	8.16	128	1070887	35.74	ng	99
32) Benzoic acid	7.90	122	192117	29.06	ng	99
33) 4-Chloroaniline	8.20	127	103220	8.16	ng	# 88
34) Hexachlorobutadiene	8.28	225	232565	39.24	ng	98
35) Caprolactam	8.57	113	99138m	39.33	ng	
36) 4-Chloro-3-methylphenol	8.69	107	374522	41.27	ng	99
37) 2-Methylnaphthalene	8.85	142	778616	41.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313339	31.05	ng	98
40) Hexachlorocyclopentadiene	9.00	237	471233	75.91	ng	96

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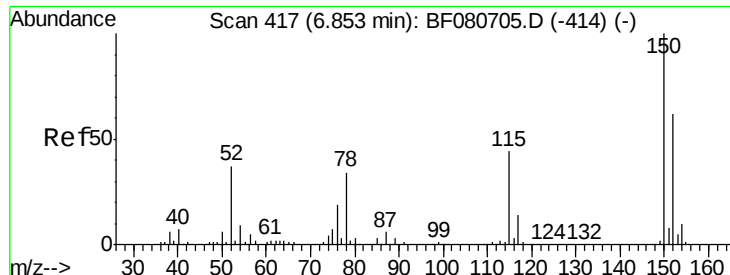
Manual Integrations
 APPROVED

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 8/3/2015 11:55:37 AM

Quant Time: Aug 01 01:34:31 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	219181	31.22	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	277475	39.85	ng #	89
45) 1,1'-Biphenyl	9.31	154	842894	34.21	ng	94
46) 2-Chloronaphthalene	9.33	162	667945	33.19	ng #	89
47) 2-Nitroaniline	9.44	65	285133	36.42	ng	98
48) Acenaphthylene	9.76	152	1178528	36.83	ng	98
49) Dimethylphthalate	9.62	163	869381	38.39	ng	99
50) 2,6-Dinitrotoluene	9.68	165	186566	38.82	ng	99
51) Acenaphthene	9.93	154	846826	43.38	ng	100
52) 3-Nitroaniline	9.84	138	85844	15.48	ng #	51
53) 2,4-Dinitrophenol	9.95	184	239556	93.60	ng #	57
54) Dibenzofuran	10.10	168	1023313	39.19	ng	99
55) 4-Nitrophenol	10.00	139	251519	61.56	ng #	49
56) 2,4-Dinitrotoluene	10.08	165	242514	38.48	ng	92
57) Fluorene	10.44	166	753698	37.19	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	223850	42.63	ng	97
59) Diethylphthalate	10.32	149	832217	38.13	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	359242	40.84	ng	96
61) 4-Nitroaniline	10.45	138	162022	32.36	ng	94
62) Azobenzene	10.59	77	996755	42.16	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	129392	37.29	ng	98
65) n-Nitrosodiphenylamine	10.54	169	664306	35.17	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	247584	41.63	ng	96
67) Hexachlorobenzene	10.98	284	246147	35.80	ng	95
68) Atrazine	11.08	200	227913	57.94	ng	90
69) Pentachlorophenol	11.17	266	302067	72.60	ng	97
70) Phenanthrene	11.39	178	1042121	35.91	ng	100
71) Anthracene	11.45	178	1156585	40.56	ng	100
72) Carbazole	11.60	167	873417	35.29	ng	99
73) Di-n-butylphthalate	11.94	149	1345135	43.82	ng	99
74) Fluoranthene	12.58	202	1158815	41.30	ng	98
76) Benzidine	12.70	184	342595	25.92	ng	99
77) Pyrene	12.81	202	1176980	41.81	ng	100
79) Butylbenzylphthalate	13.43	149	453243	39.04	ng	94
80) Benzo(a)anthracene	13.99	228	769061	35.23	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	172289	23.12	ng #	98
82) Chrysene	14.02	228	709621	33.49	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	590894	42.17	ng #	94
84) Di-n-octyl phthalate	14.60	149	987376	42.02	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	697420	37.00	ng #	88
87) Benzo(b)fluoranthene	15.00	252	729588	40.01	ng #	97
88) Benzo(k)fluoranthene	15.04	252	527734m	35.17	ng	
89) Benzo(a)pyrene	15.36	252	605012	40.42	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	586239	43.75	ng	97
91) Benzo(g,h,i)perylene	17.21	276	572000	43.38	ng	99

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



#1

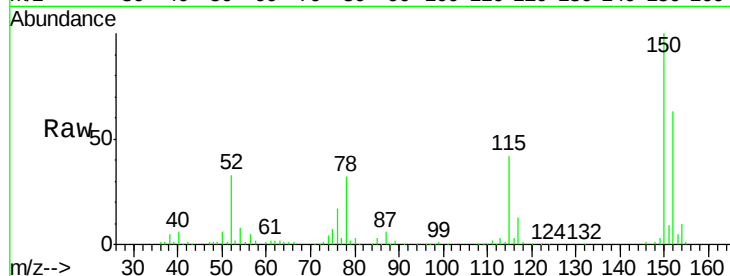
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

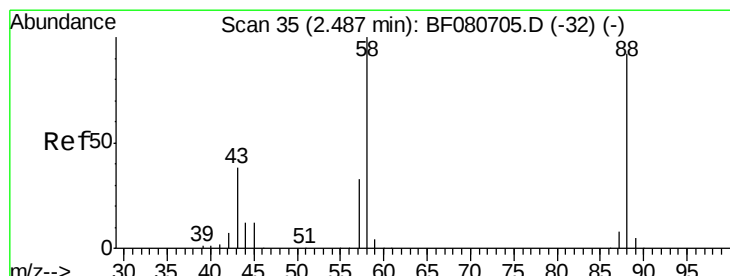
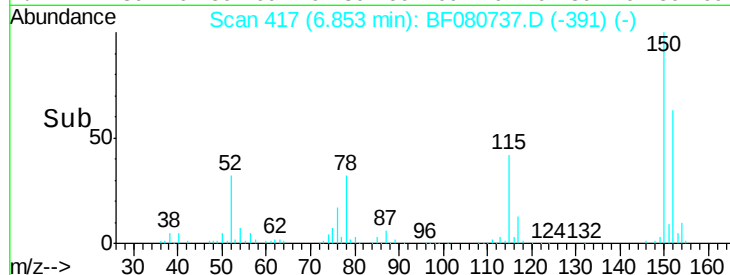
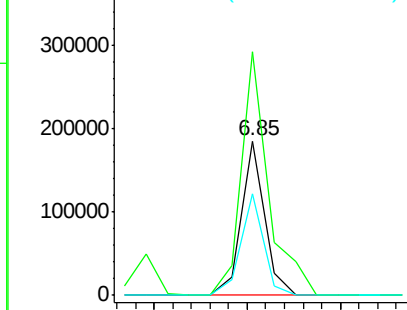
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	160221		
150	157.9	129.6	194.4	
115	65.7	56.6	85.0	

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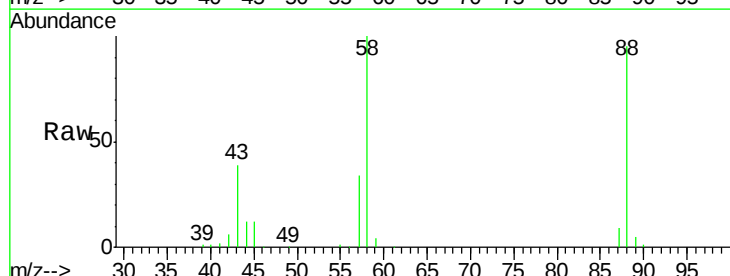
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



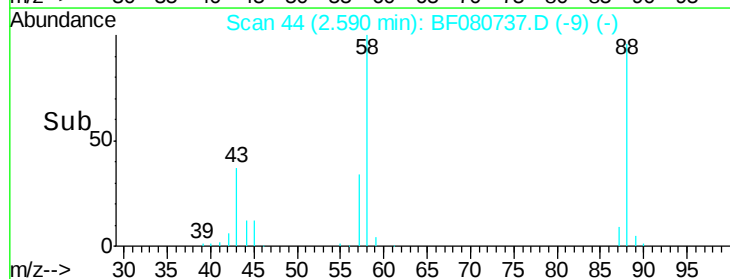
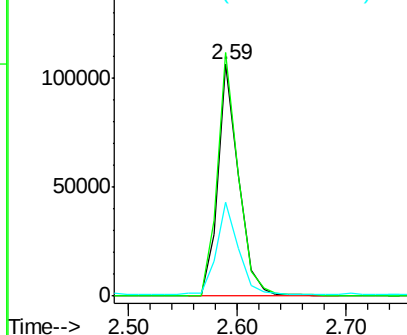
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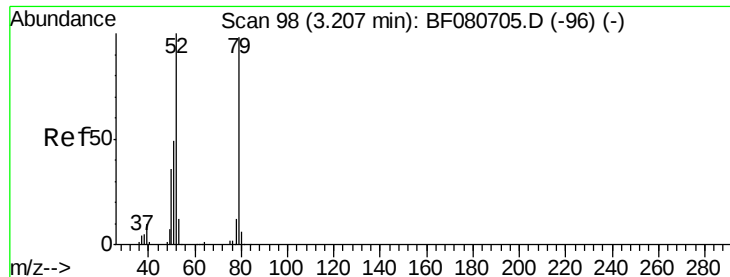
1,4-Dioxane
Concen: 30.87 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.10 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	142161		
58	106.4	82.3	123.5	
43	41.5	31.7	47.5	



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: 32.46 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.09 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

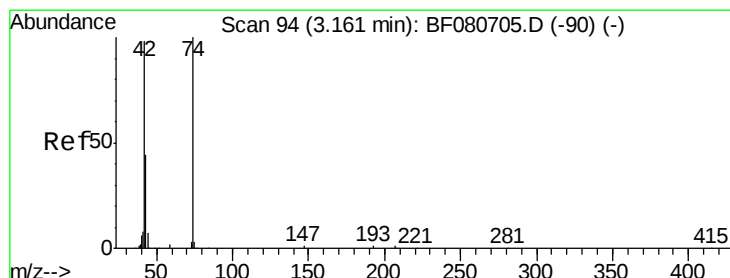
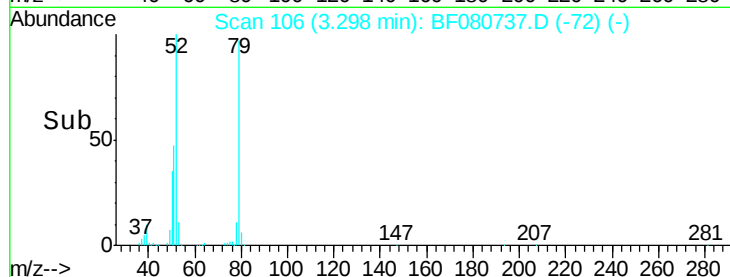
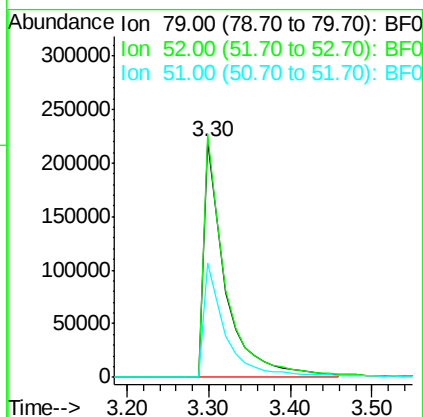
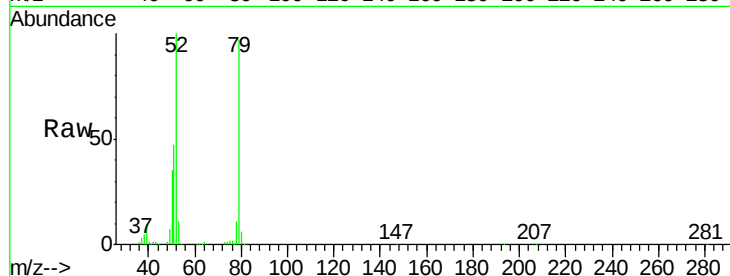
ClientSampleId :

PB84765BS

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Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	103.4	81.6	122.4	
51	48.8	40.2	60.2	



#4

n-Nitrosodimethylamine

Concen: 37.09 ng

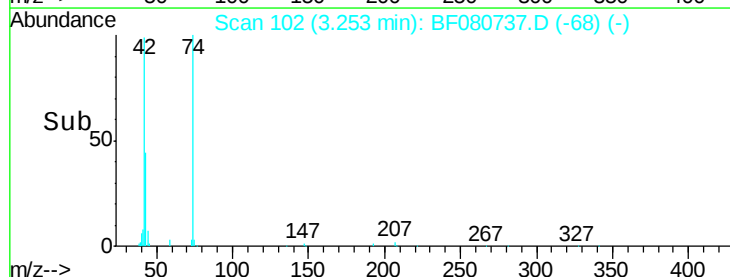
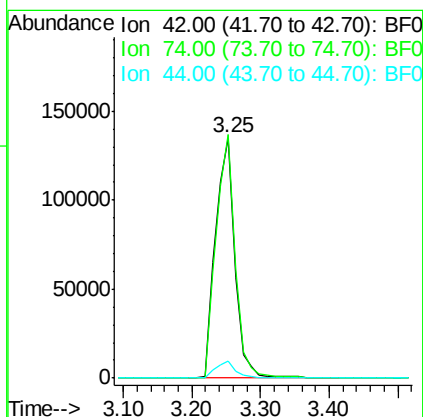
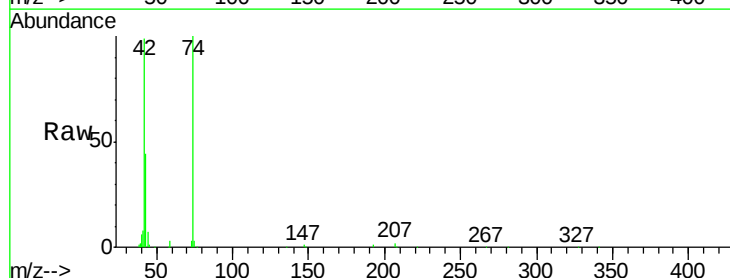
RT: 3.25 min Scan# 102

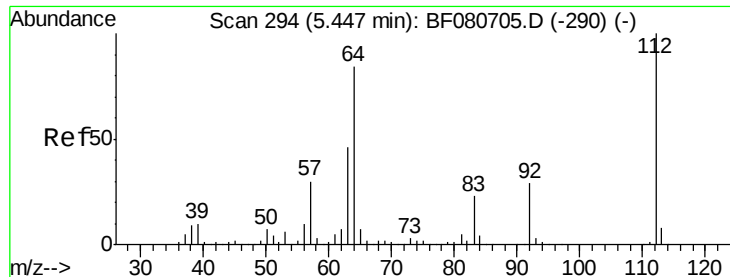
Delta R.T. 0.09 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	101.3	81.5	122.3	
44	7.1	5.6	8.4	





#5

2-Fluorophenol

Concen: 113.89 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080737.D

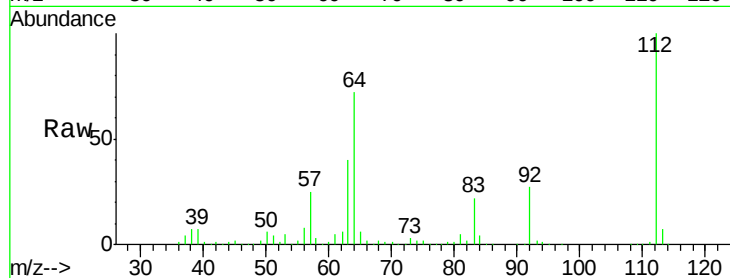
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

PB84765BS



Tgt Ion: 112 Resp: 1063746

Ion Ratio Lower Upper

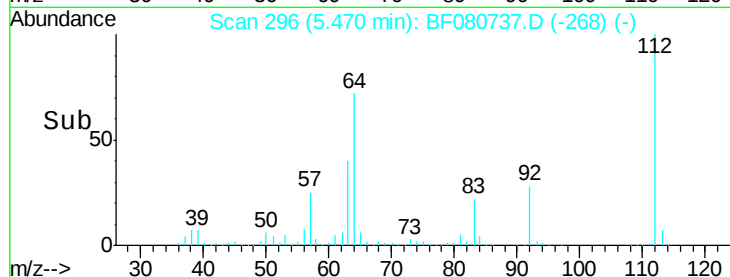
112 100

64 72.3 66.8 100.2

63 40.1 36.7 55.1

Manual Integrations
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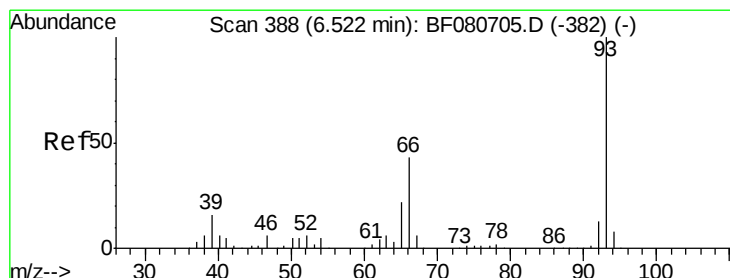
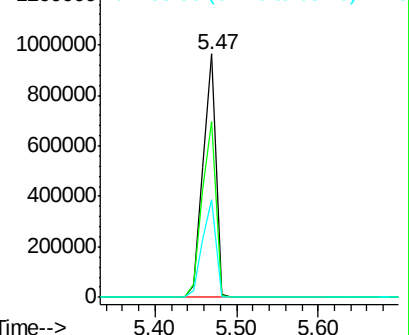
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.22 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

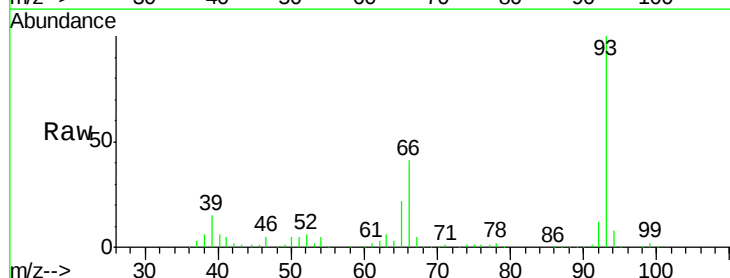
Tgt Ion: 93 Resp: 388334

Ion Ratio Lower Upper

93 100

66 40.7 34.3 51.5

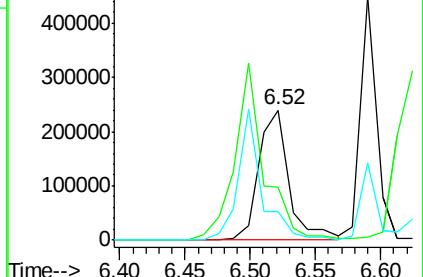
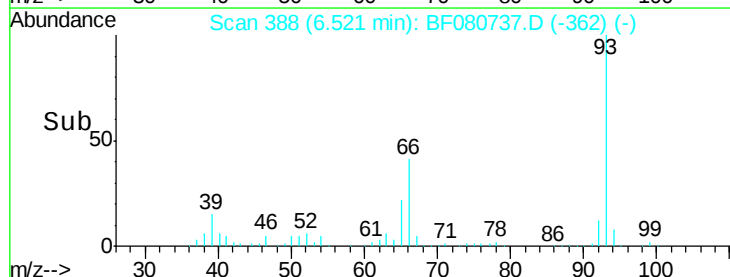
65 21.7 17.6 26.4

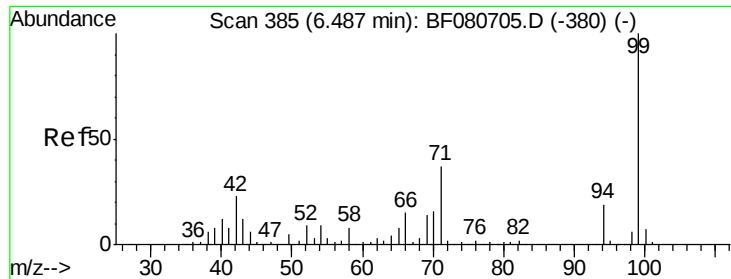


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.94 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampled :

PB84765BS

Tgt Ion: 99 Resp: 1347009

Ion Ratio Lower Upper

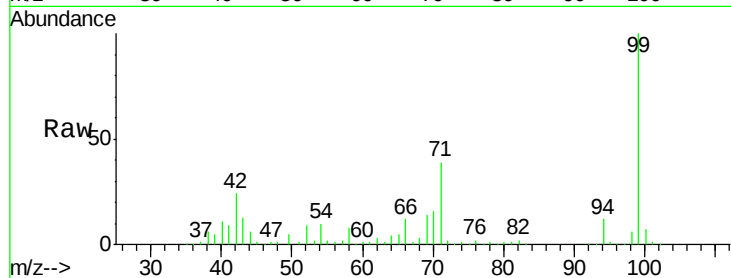
99 100

42 24.4 18.2 27.2

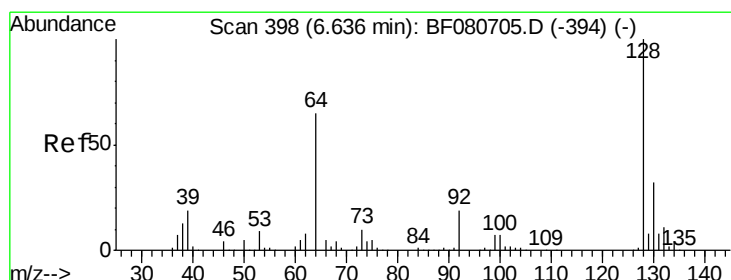
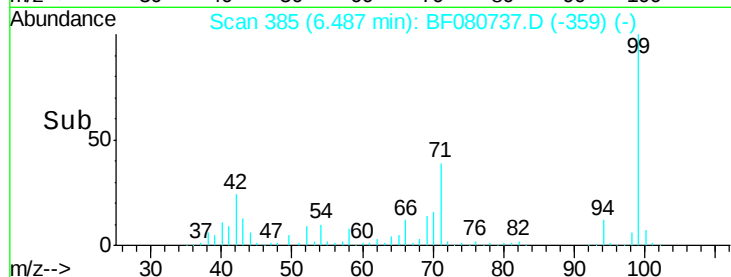
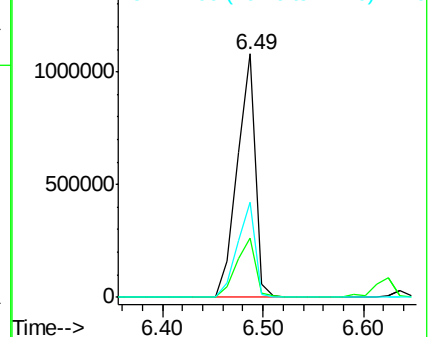
71 39.2 29.5 44.3

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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: 36.34 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

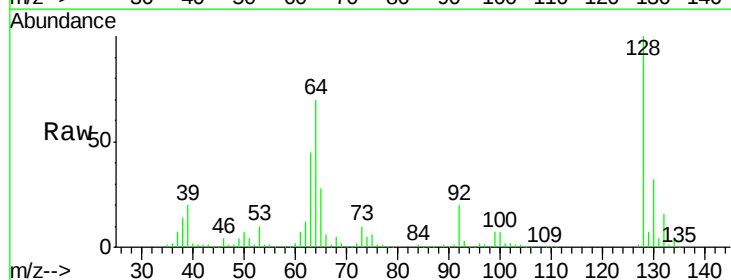
Tgt Ion: 128 Resp: 380400

Ion Ratio Lower Upper

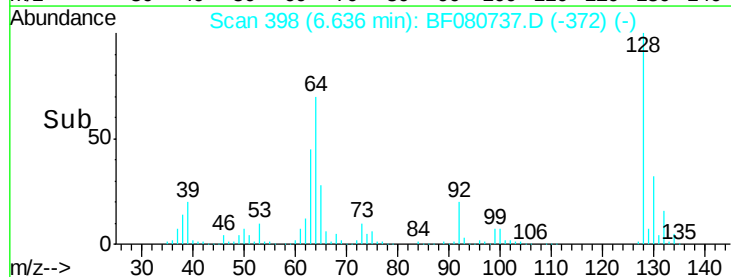
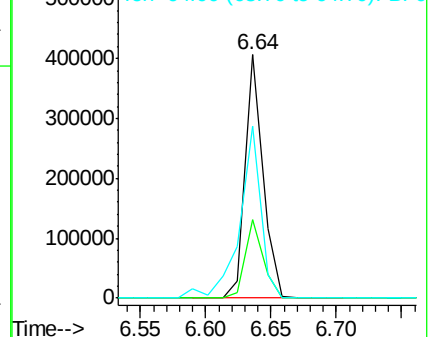
128 100

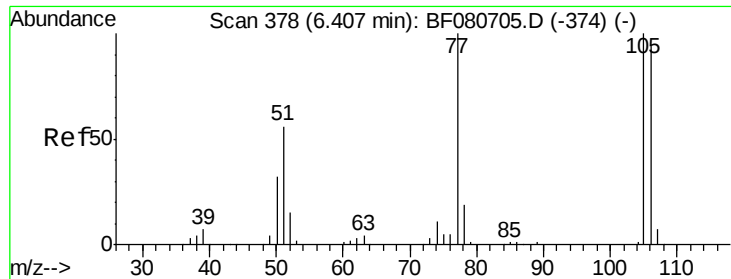
130 32.0 11.7 51.7

64 70.4 48.7 88.7



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: 8.05 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080737.D

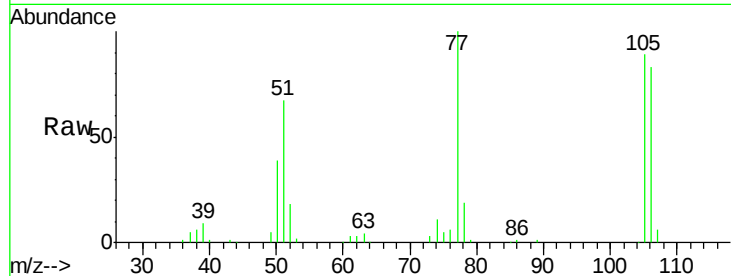
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

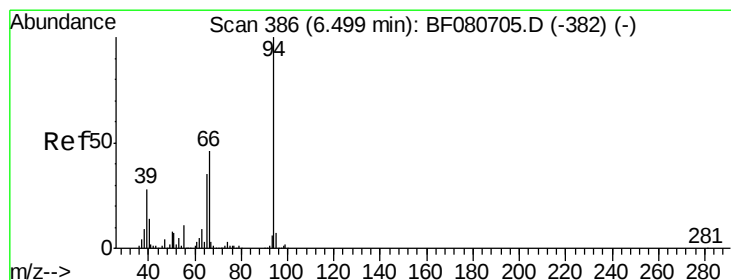
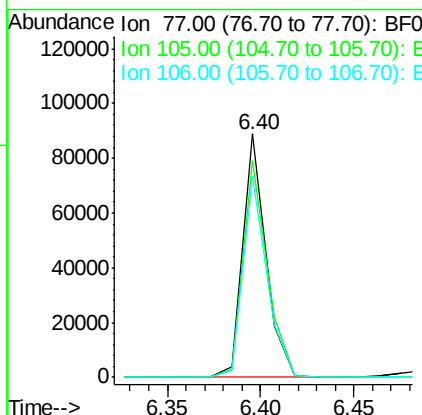
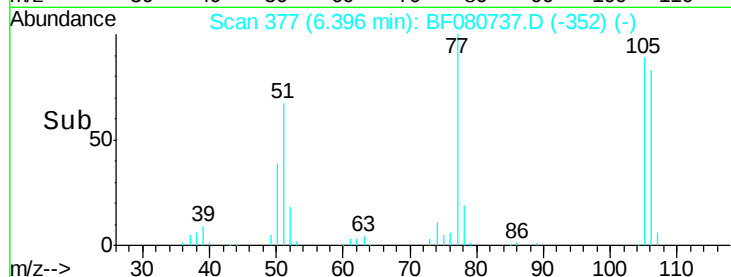
PB84765BS



Tgt Ion:	77	Resp:	77111
Ion	Ratio	Lower	Upper
77	100		
105	88.9	80.2	120.2
106	82.5	74.2	114.2

Manual Integrations
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#10

Phenol

Concen: 41.05 ng

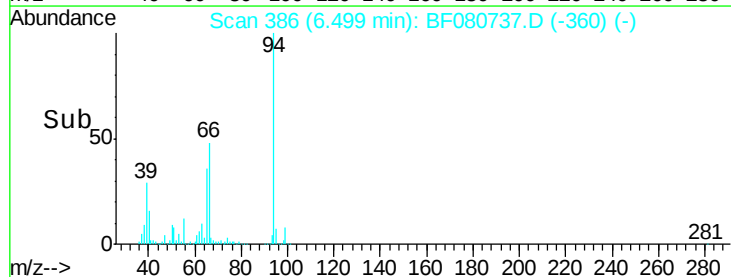
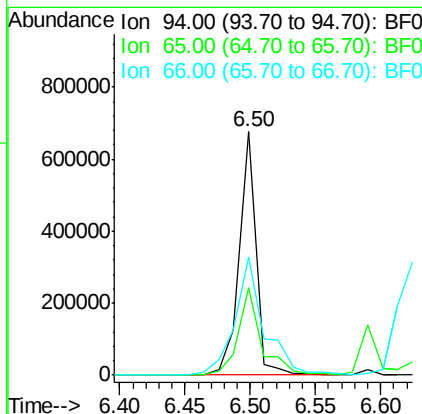
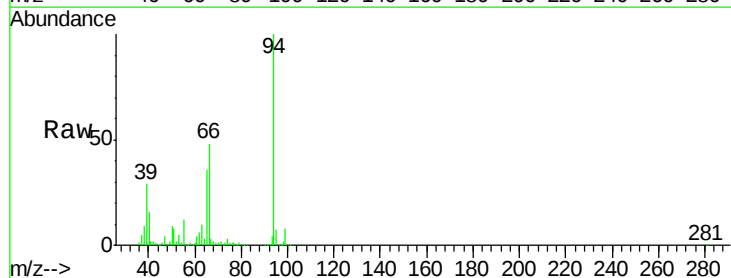
RT: 6.50 min Scan# 386

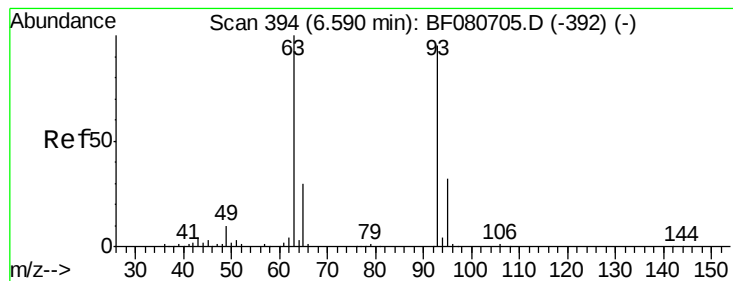
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion:	94	Resp:	604077
Ion	Ratio	Lower	Upper
94	100		
65	35.7	14.7	54.7
66	48.4	25.9	65.9





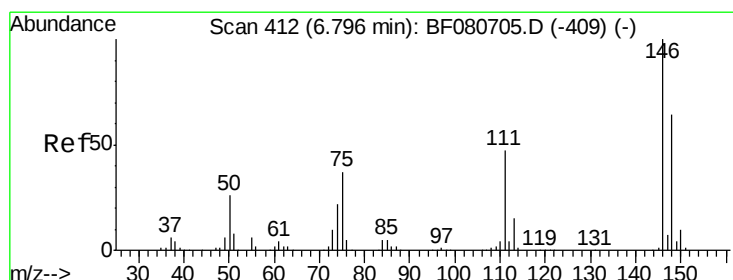
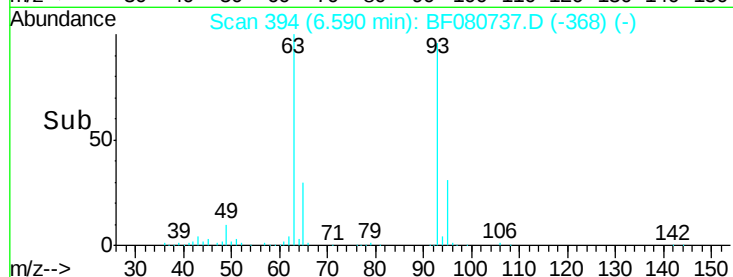
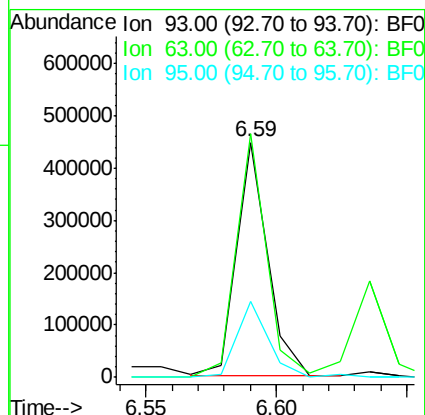
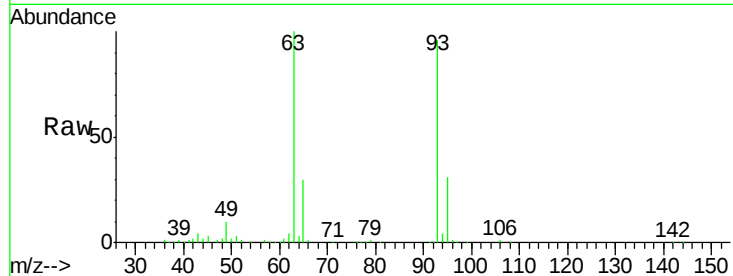
#11
bis(2-Chloroethyl)ether
Concen: 35.41 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	372175		
63	103.7	85.3	125.3	
95	32.5	13.3	53.3	

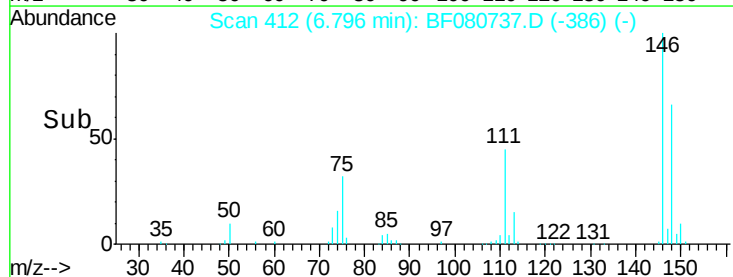
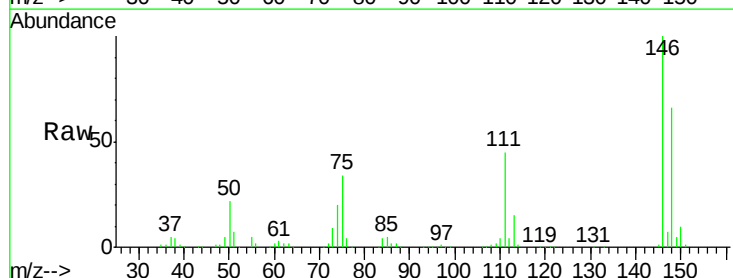
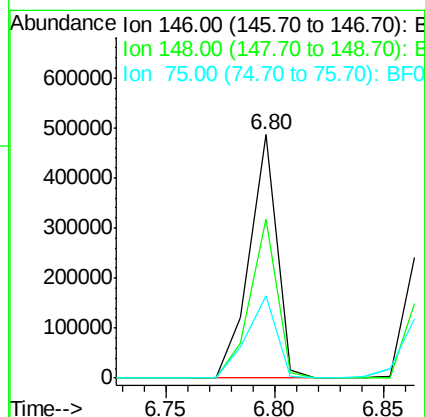
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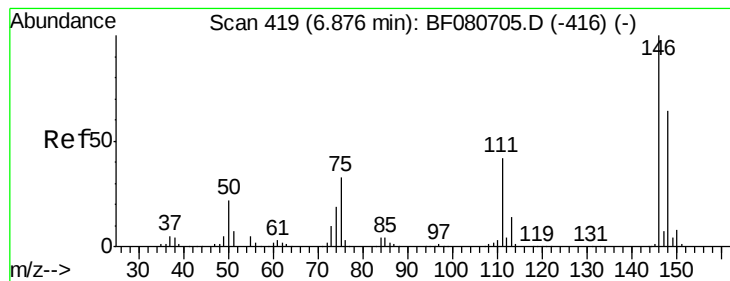
MMDadoda
8/3/2015 11:55:37 AM



#12
1,3-Dichlorobenzene
Concen: 36.75 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	428335		
148	65.6	51.0	76.6	
75	33.9	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 36.58 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

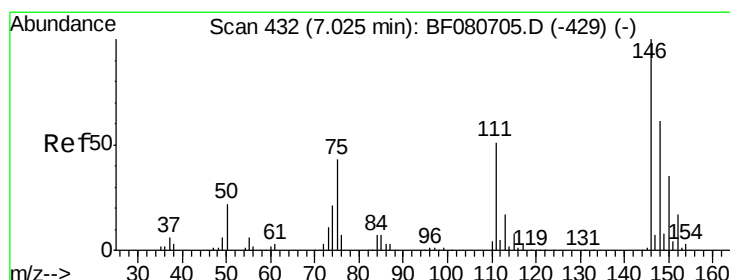
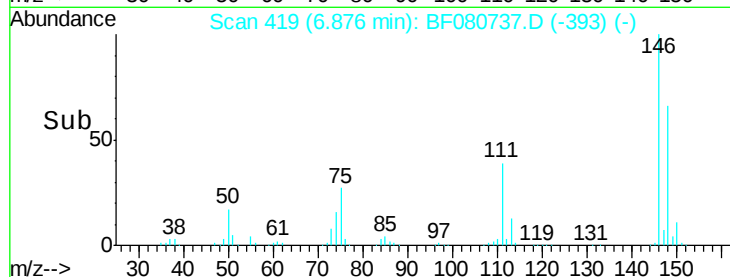
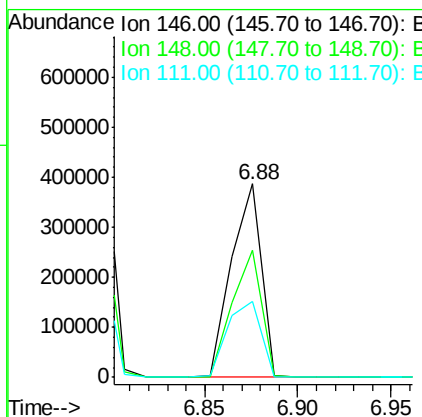
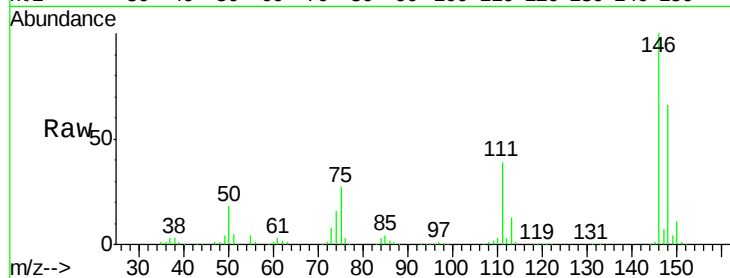
ClientSampleId :

PB84765BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	39.2	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 39.47 ng

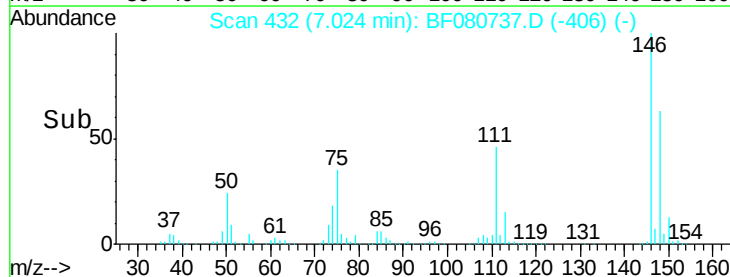
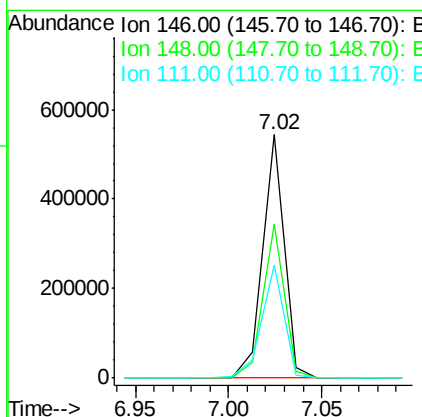
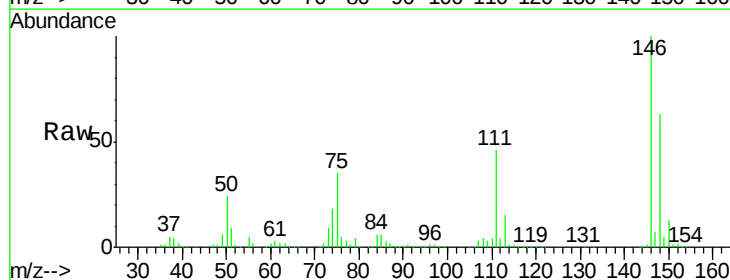
RT: 7.02 min Scan# 432

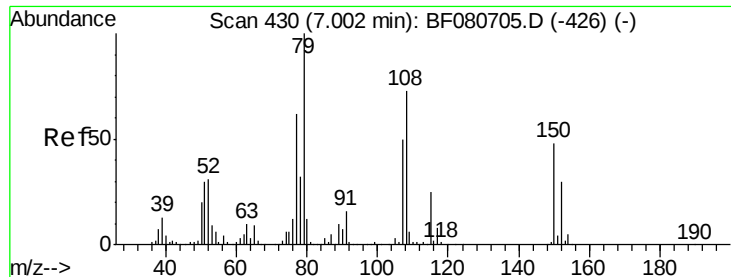
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
111	46.5	41.0	61.4





#15

Benzyl Alcohol

Concen: 29.18 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

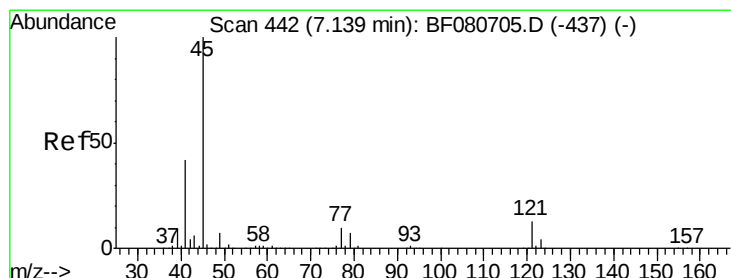
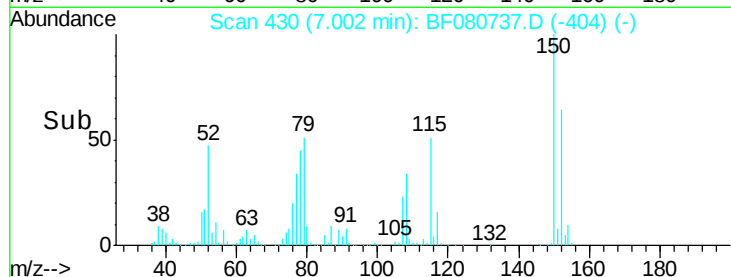
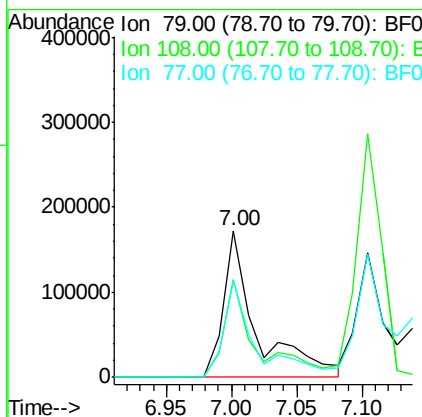
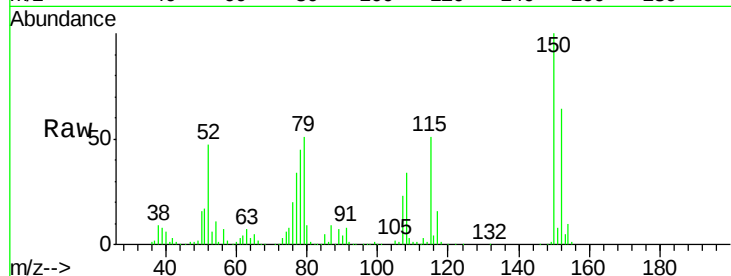
ClientSampleId :

PB84765BS

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Tgt Ion:	79	Resp:	308168
Ion Ratio	Lower	Upper	
79	100		
108	66.4	58.7	88.1
77	65.6	49.8	74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.45 ng

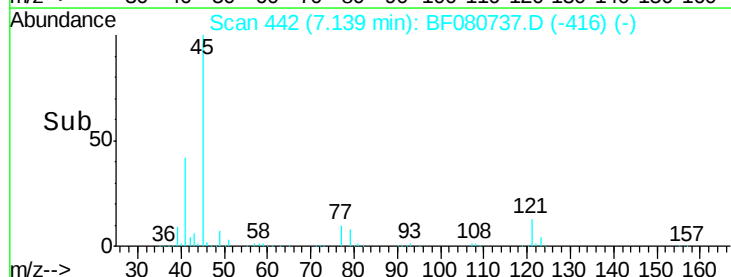
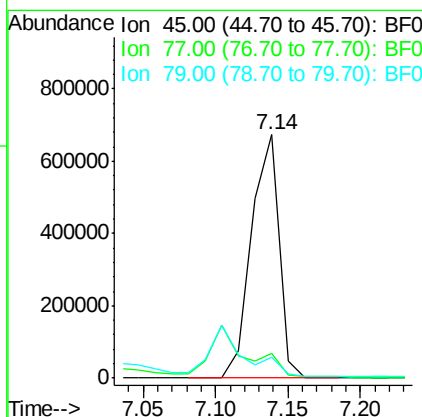
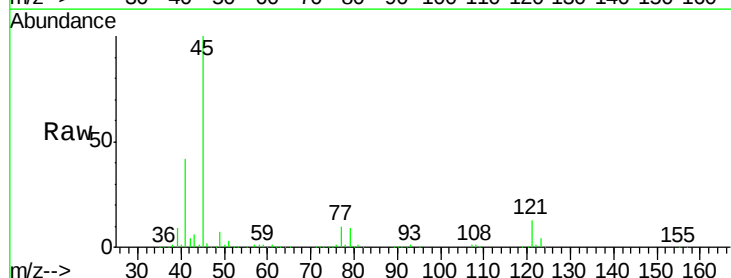
RT: 7.14 min Scan# 442

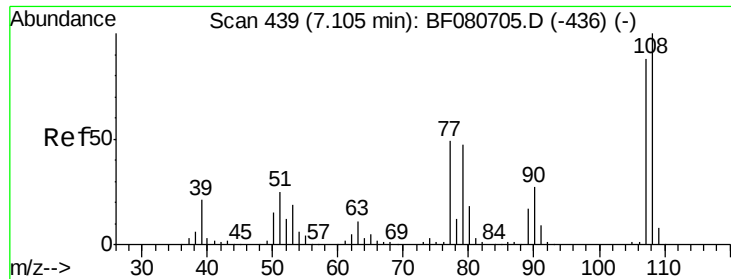
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

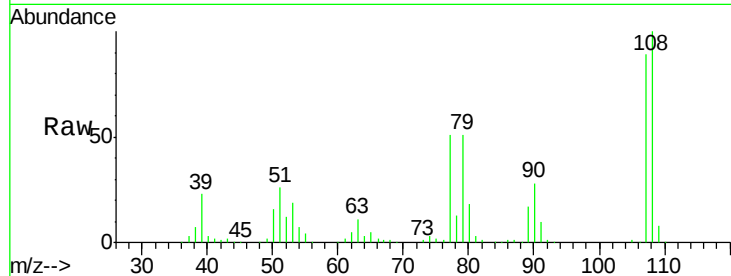
Tgt Ion:	45	Resp:	885984
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	29.9
79	8.6	0.0	27.4





#17
2-Methylphenol
Concen: 39.61 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

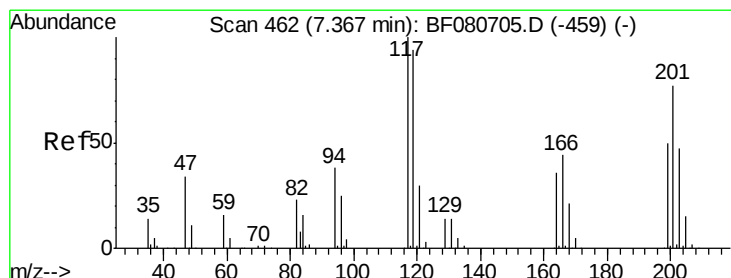
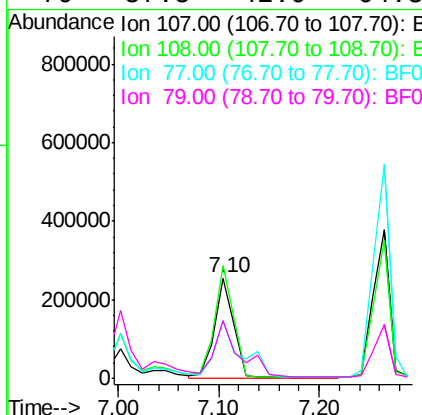
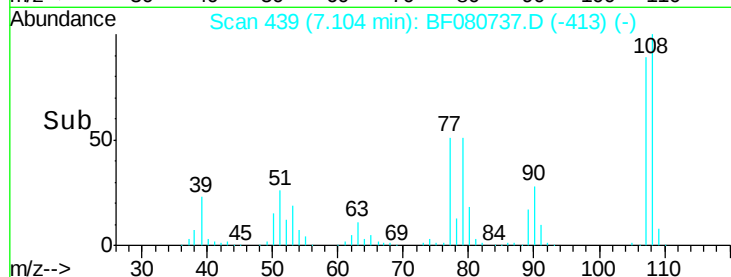
Instrument :
BNA_F
ClientSampleId :
PB84765BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.6	90.8	136.2
77	57.2	44.6	67.0
79	57.5	42.9	64.3

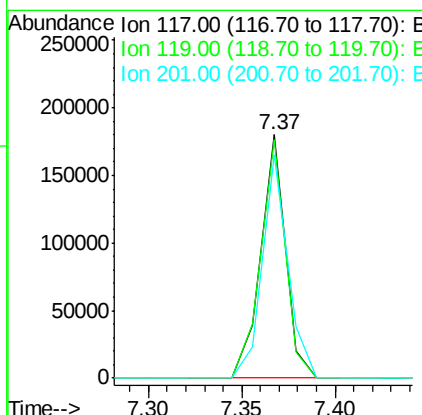
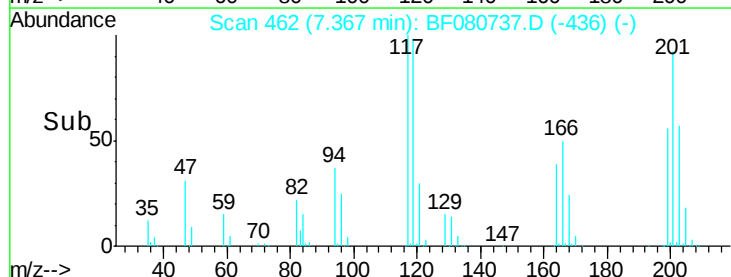
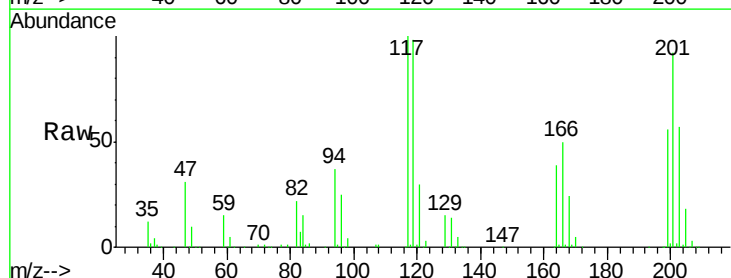
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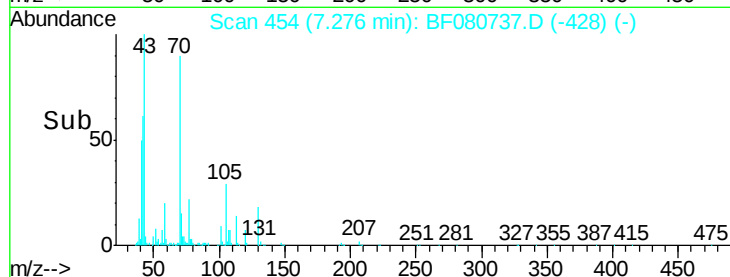
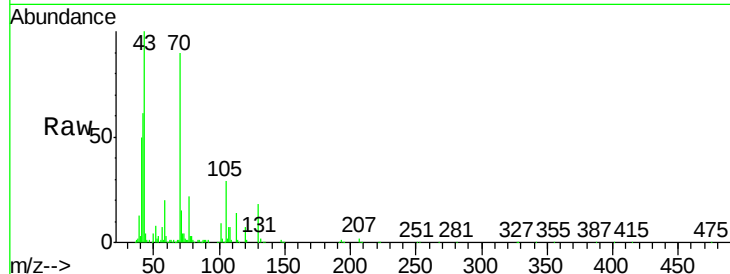
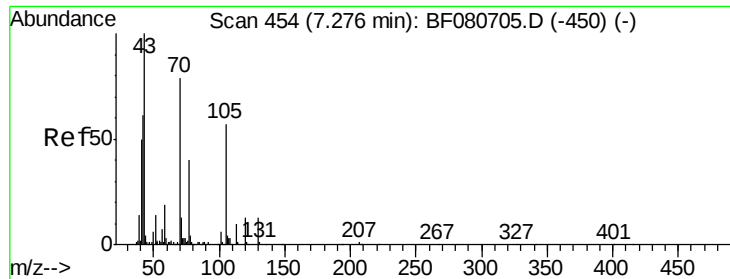
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8/3/2015 11:55:37 AM



#18
Hexachloroethane
Concen: 37.15 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.2	74.9	112.3
201	91.5	61.5	92.3





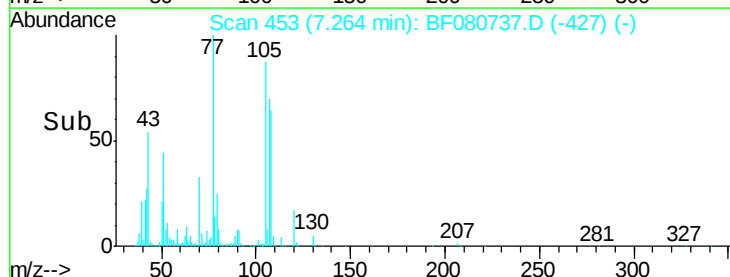
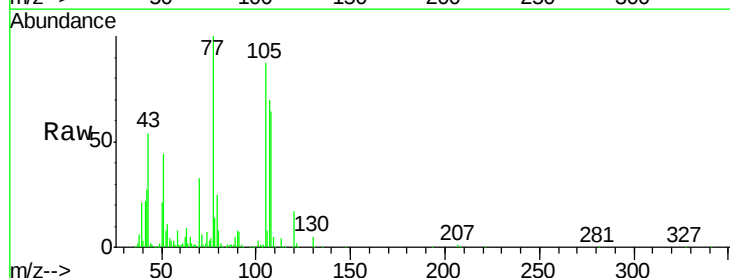
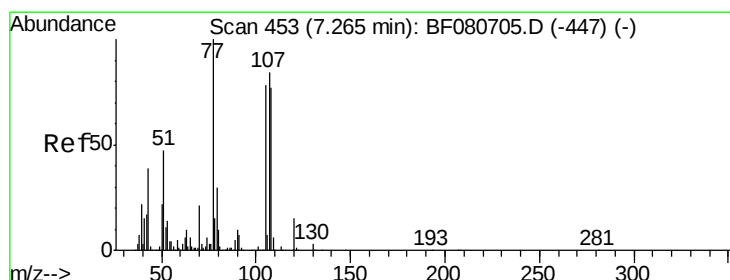
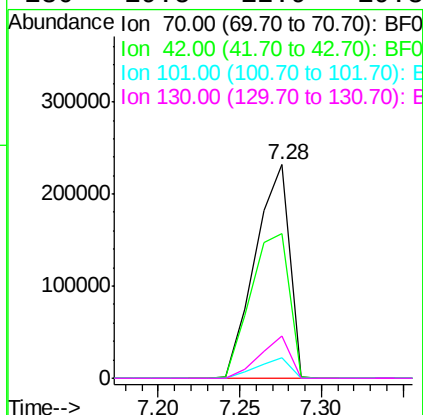
#19
n-Nitroso-di-n-propylamine
Concen: 39.41 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

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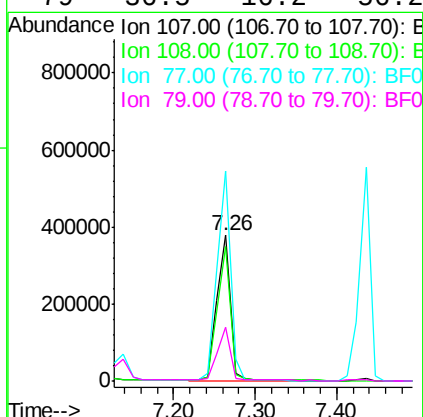
MMDadoda
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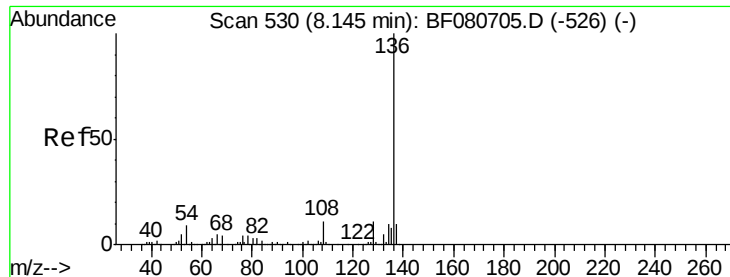
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.8	61.8	92.6
101	9.8	6.1	9.1#
130	19.5	12.9	19.3#



#20
3+4-Methylphenols
Concen: 40.34 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.8	111.8
77	143.7	99.8	139.8#
79	36.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080737.D

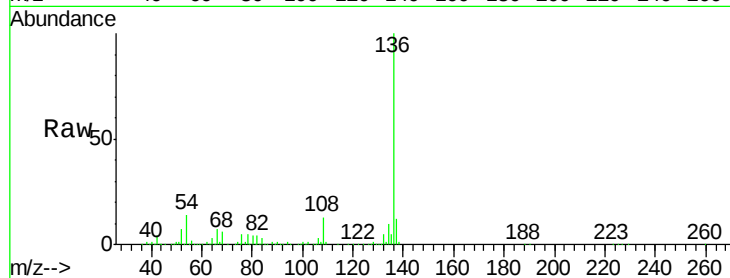
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

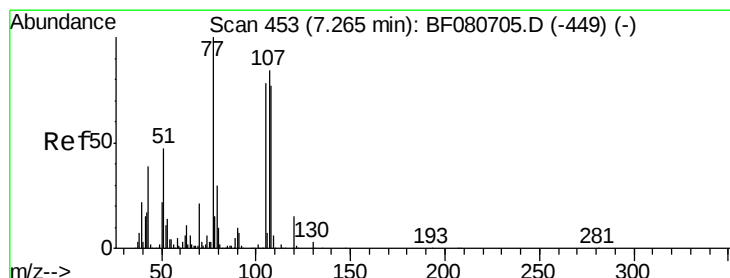
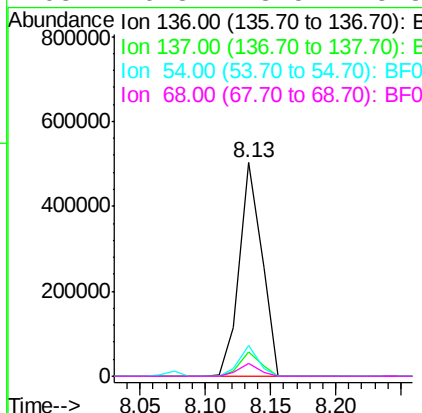
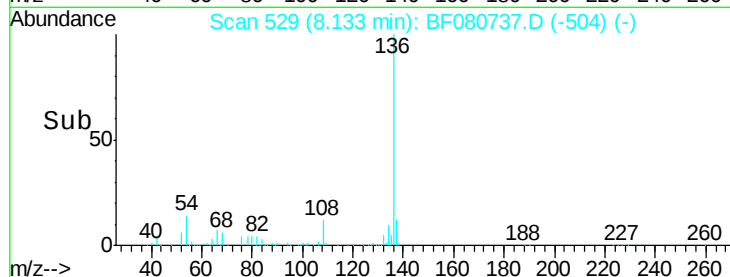
PB84765BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	600251		
137	11.5	8.4	12.6	
54	14.3	6.9	10.3#	
68	6.3	3.5	5.3#	

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#22

Acetophenone

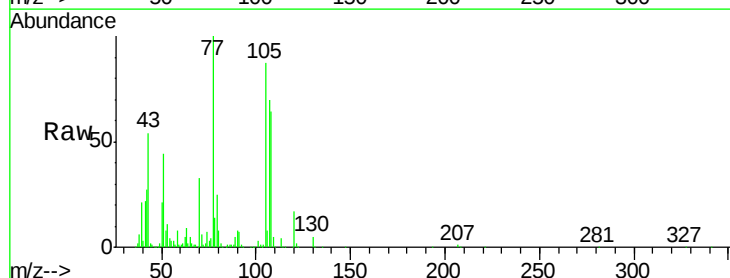
Concen: 38.11 ng

RT: 7.26 min Scan# 453

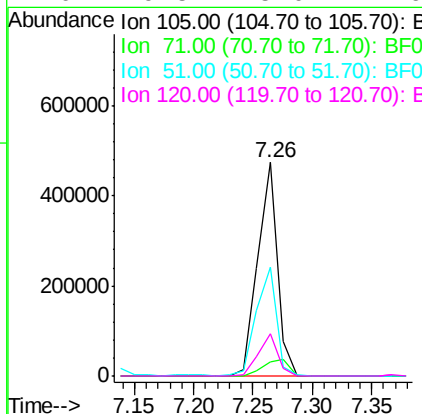
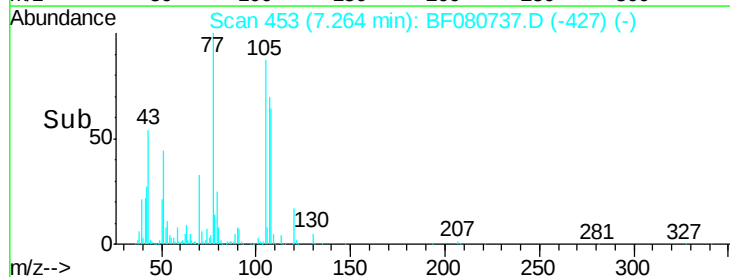
Delta R.T. -0.00 min

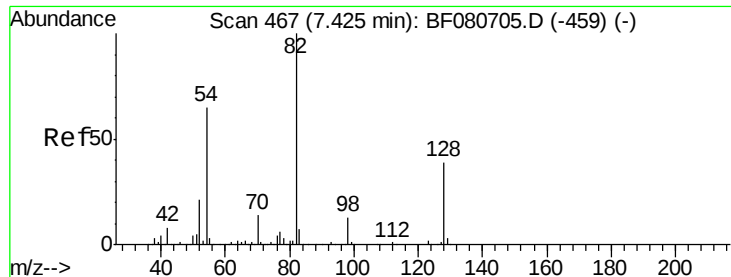
Lab File: BF080737.D

Acq: 31 Jul 2015 16:42



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	552112		
71	6.3	3.4	5.0#	
51	50.7	47.9	71.9	
120	19.5	15.0	22.6	





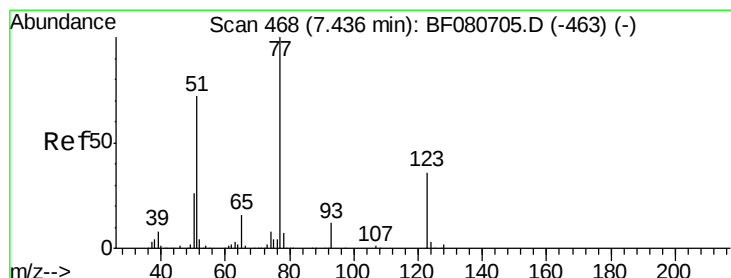
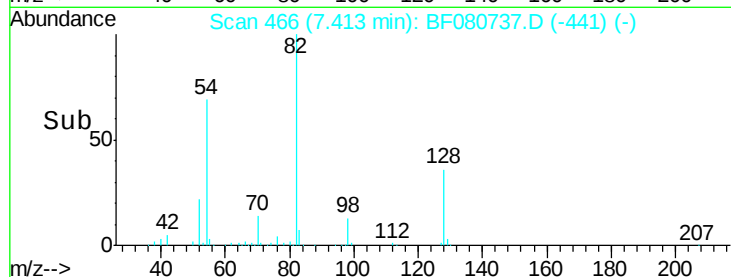
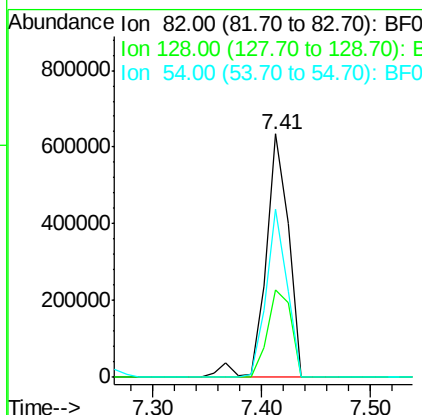
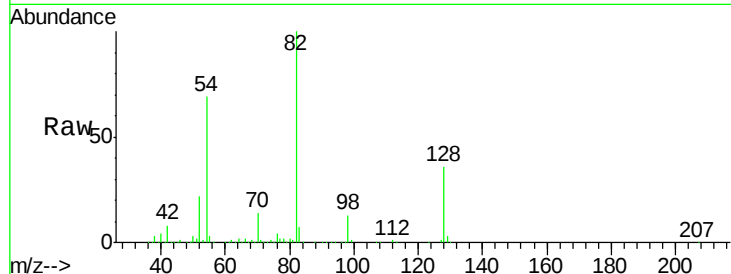
#23
 Nitrobenzene-d5
 Concen: 74.01 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	917354		
128	35.8	31.5	47.3	
54	69.1	51.8	77.8	

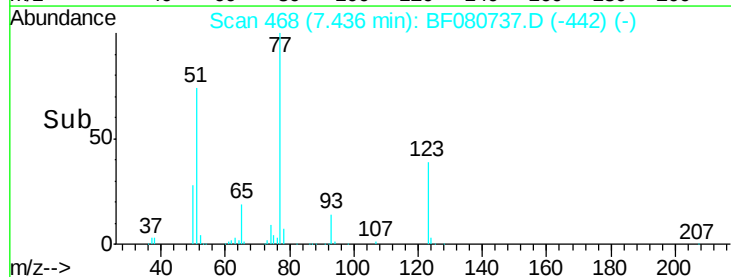
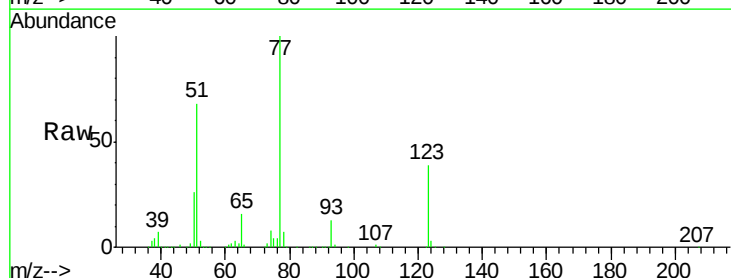
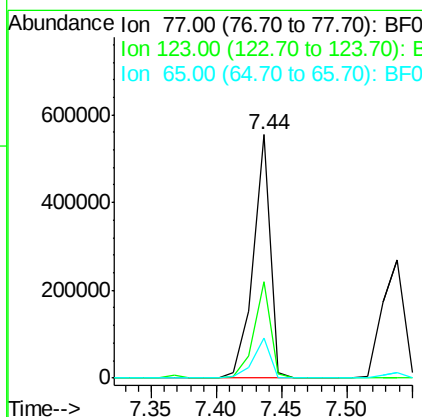
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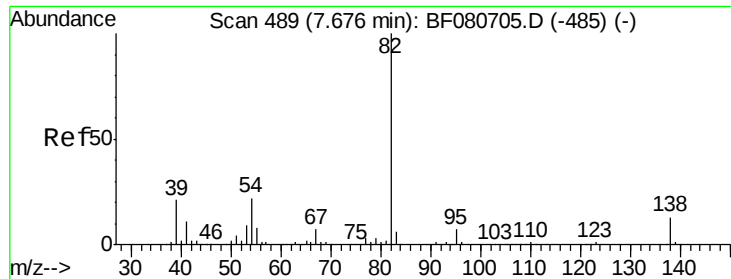
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#24
 Nitrobenzene
 Concen: 40.48 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	502757		
123	39.5	28.9	43.3	
65	16.4	13.0	19.4	





#25

Isophorone

Concen: 38.30 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

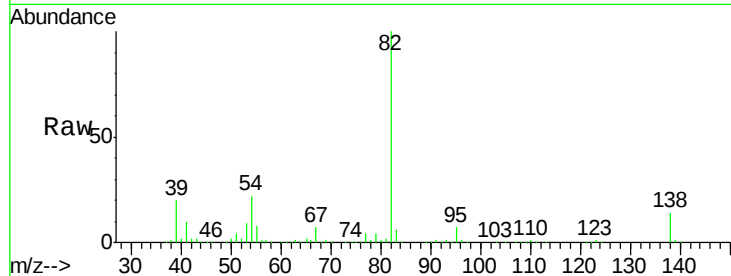
ClientSampleId :

PB84765BS

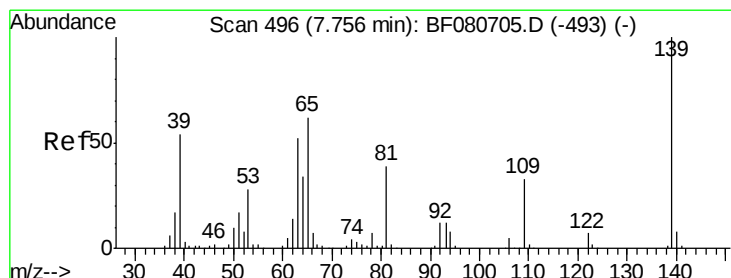
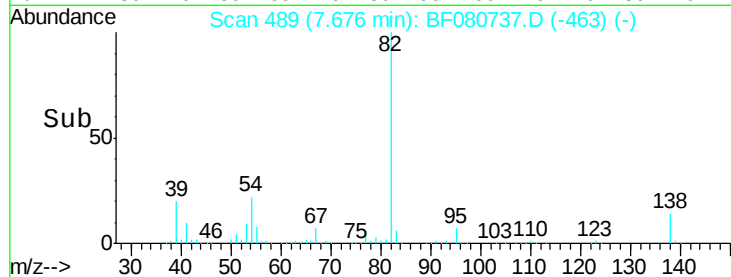
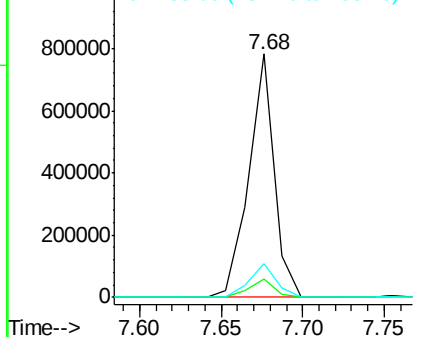
Tgt Ion:	82	Resp:	844288
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	13.8	10.7	16.1

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



#26

2-Nitrophenol

Concen: 41.11 ng m

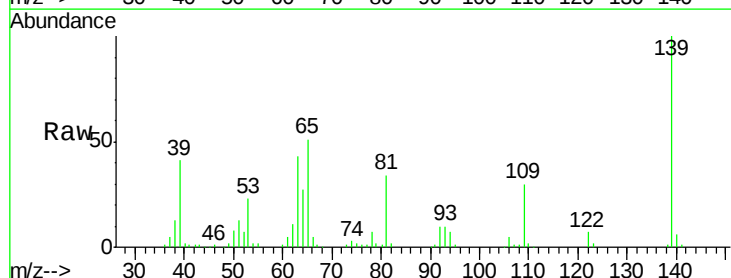
RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

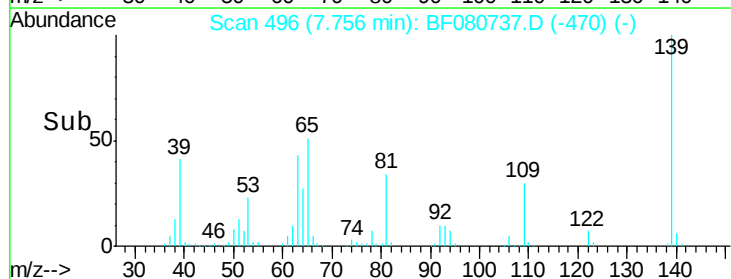
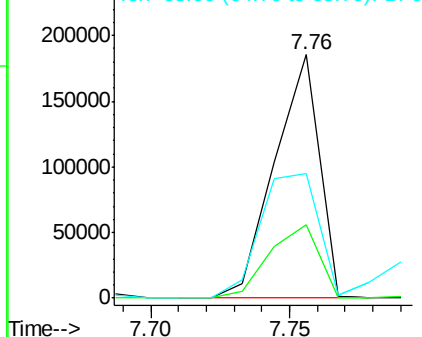
Lab File: BF080737.D

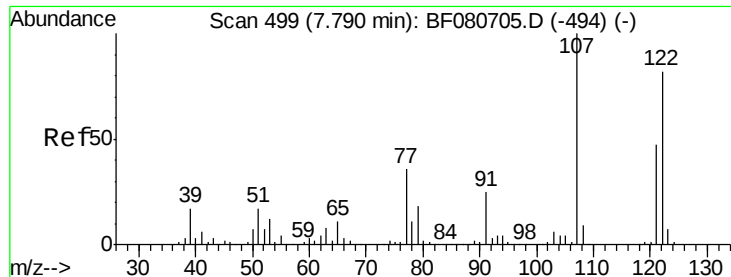
Acq: 31 Jul 2015 16:42

Tgt Ion:	139	Resp:	207245
Ion Ratio	Lower	Upper	
139	100		
109	30.3	26.5	39.7
65	51.0	49.8	74.8



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





#27

2,4-Dimethylphenol

Concen: 49.44 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF080737.D

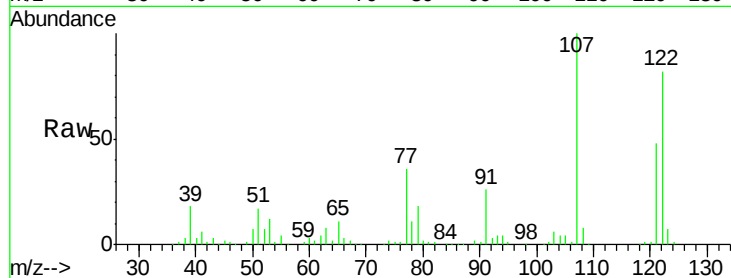
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

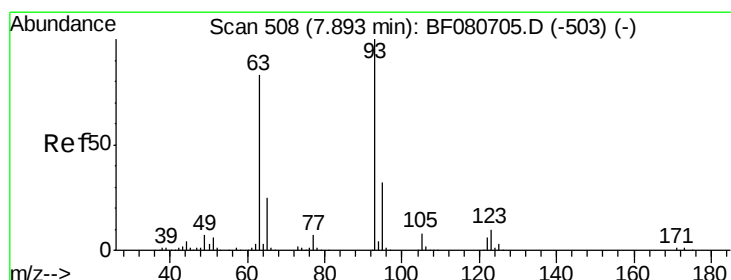
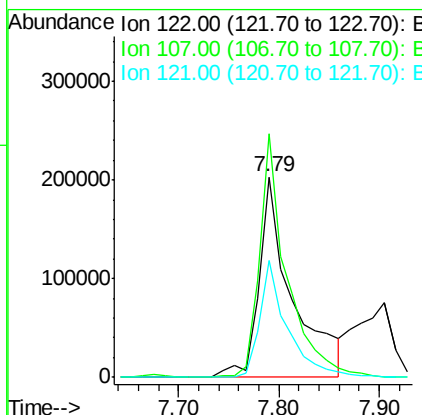
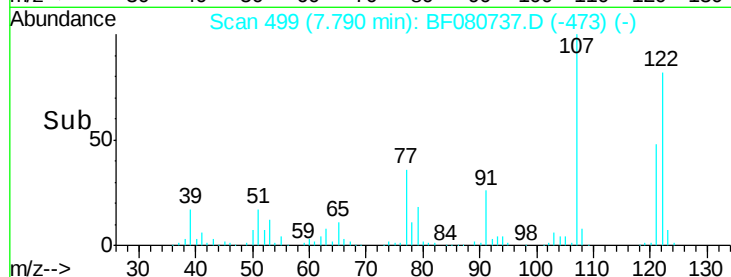
PB84765BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	468204		
107	121.7	98.1	147.1	
121	58.2	45.8	68.8	

Manual Integrations
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MMDadoda
8/3/2015 11:55:37 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.93 ng

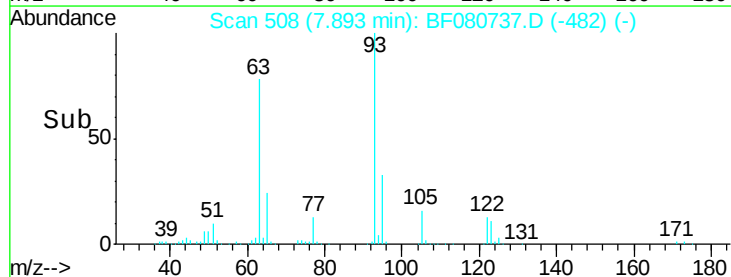
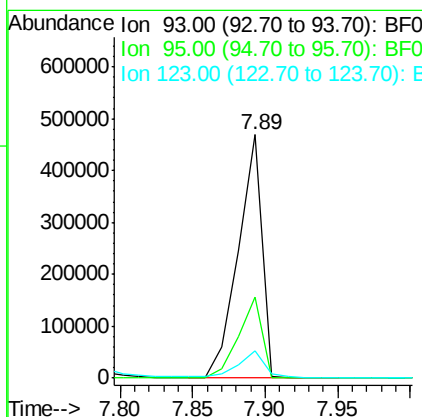
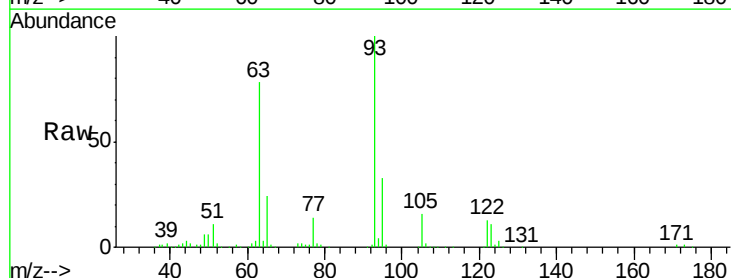
RT: 7.89 min Scan# 508

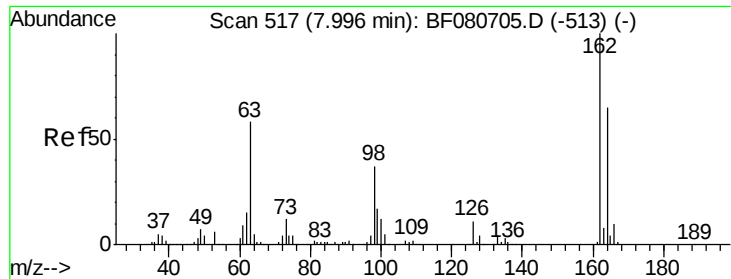
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	534506		
95	33.3	26.0	39.0	
123	11.4	8.2	12.4	





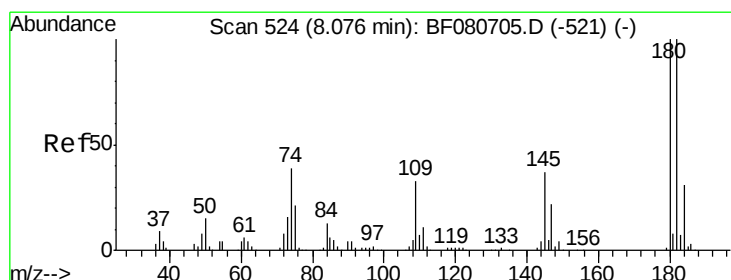
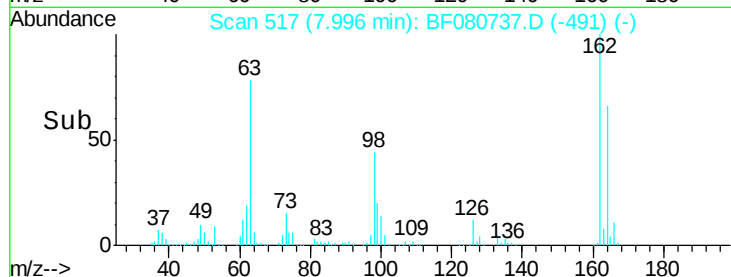
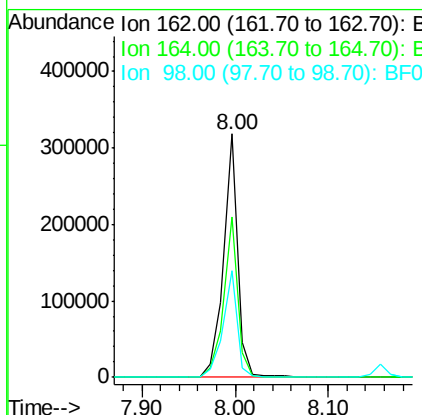
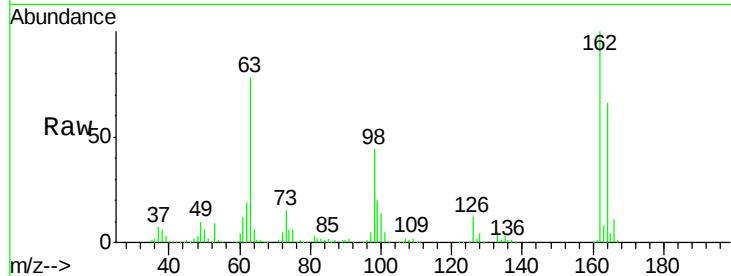
#29
2,4-Dichlorophenol
Concen: 39.92 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	336019		
164	66.0	45.1	85.1	
98	43.6	17.0	57.0	

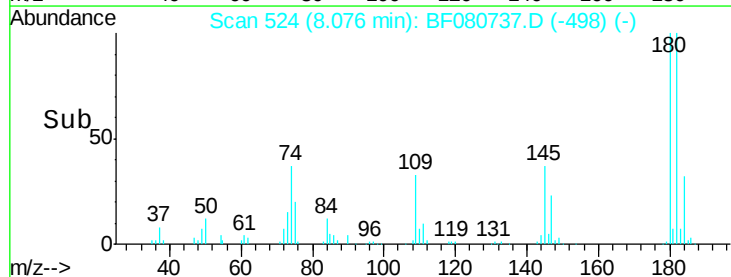
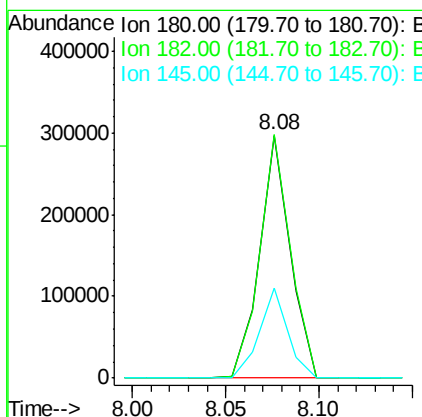
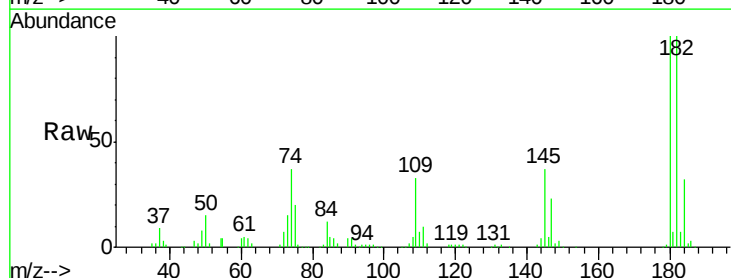
Manual Integrations
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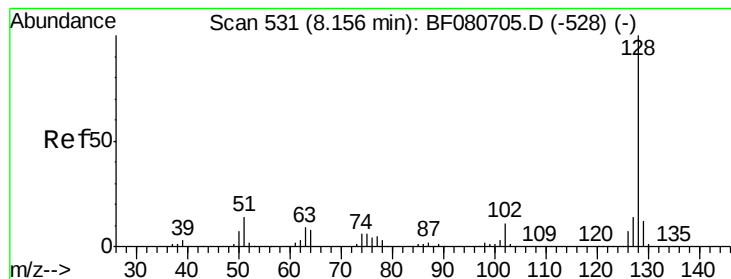
MMDadoda
8/3/2015 11:55:37 AM



#30
1,2,4-Trichlorobenzene
Concen: 36.49 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334957		
182	100.3	79.8	119.8	
145	37.2	29.8	44.6	





#31

Naphthalene

Concen: 35.74 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

PB84765BS

Tgt Ion:128 Resp: 1070887

Ion Ratio Lower Upper

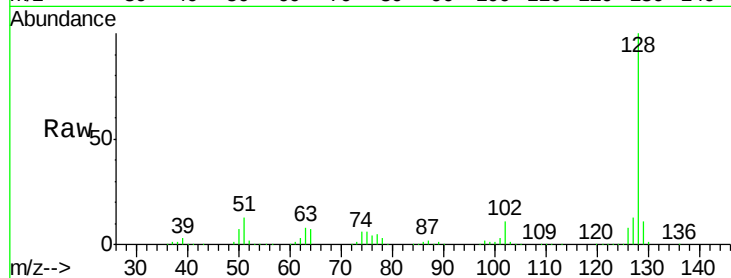
128 100

129 11.5 9.5 14.3

127 13.4 11.0 16.6

Manual Integrations
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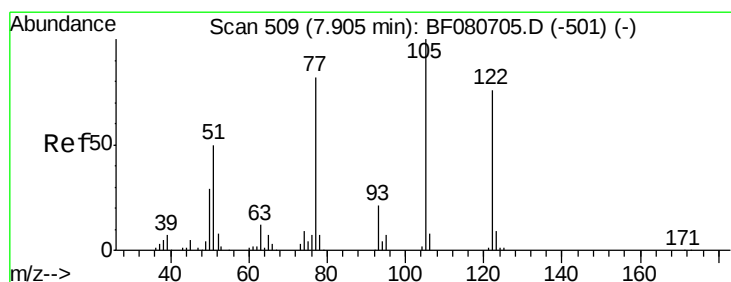
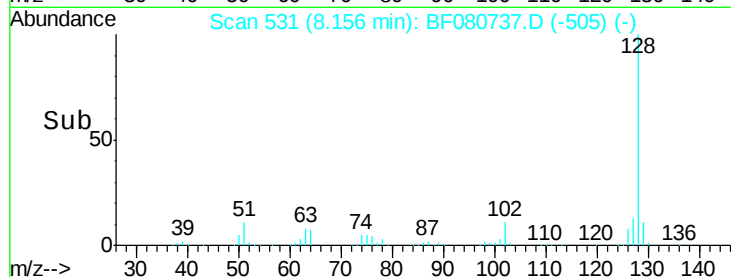
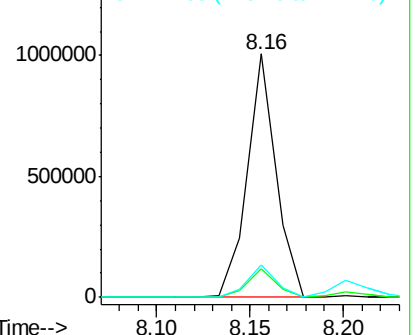
MMDadoda
8/3/2015 11:55:37 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.06 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

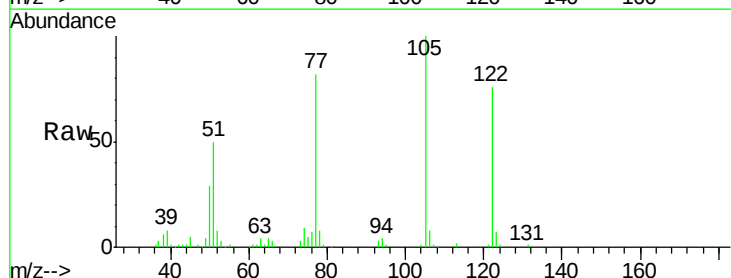
Tgt Ion:122 Resp: 192117

Ion Ratio Lower Upper

122 100

105 130.9 111.3 151.3

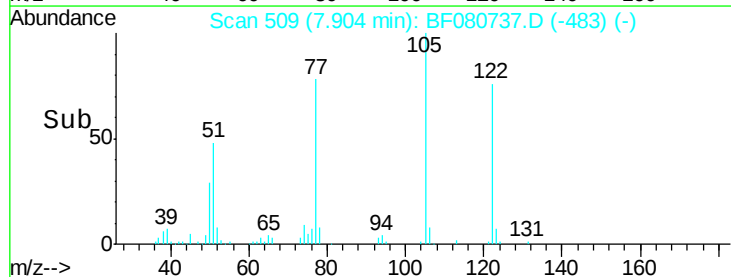
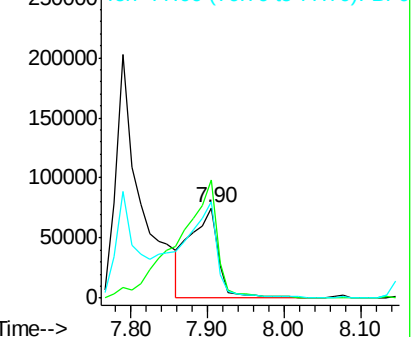
77 106.8 88.1 128.1

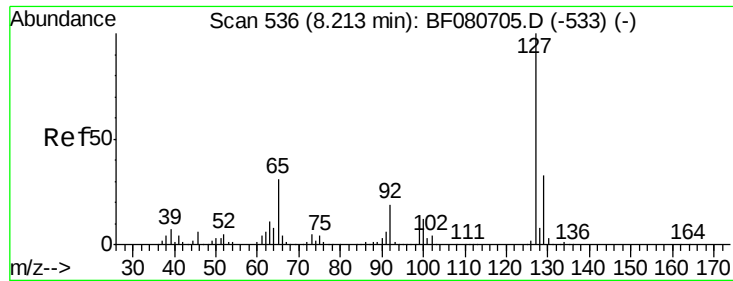


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





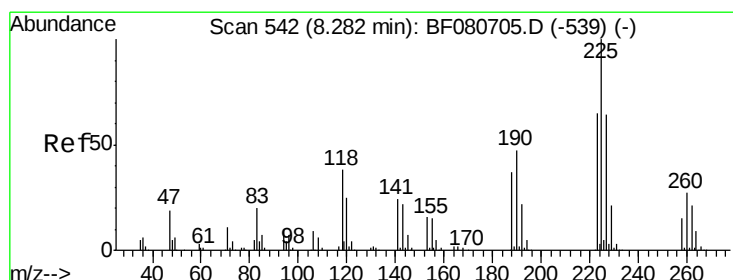
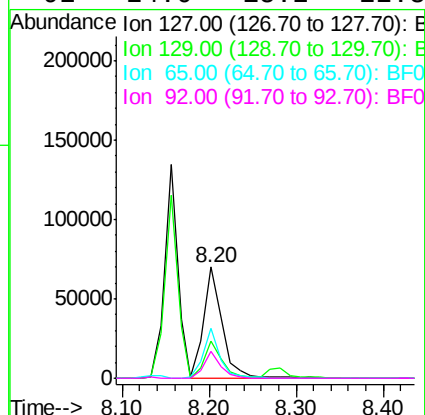
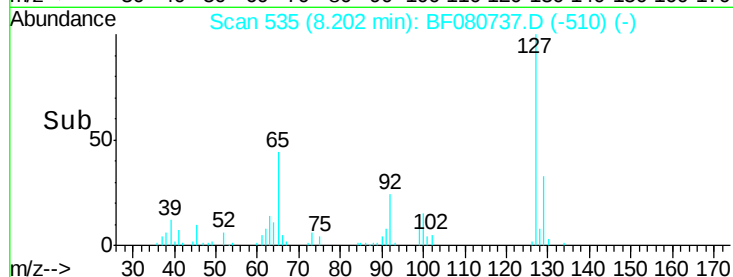
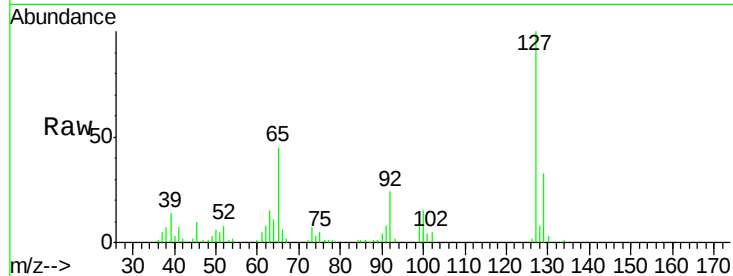
#33
4-Chloroaniline
Concen: 8.16 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	103220		
129	33.2	26.7	40.1	
65	45.1	24.5	36.7	
92	24.0	15.2	22.8	

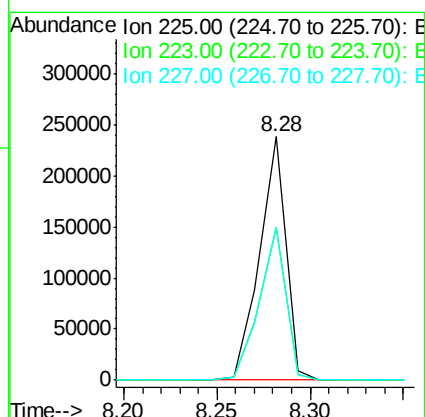
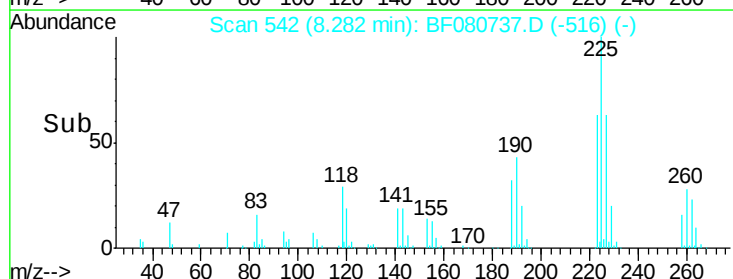
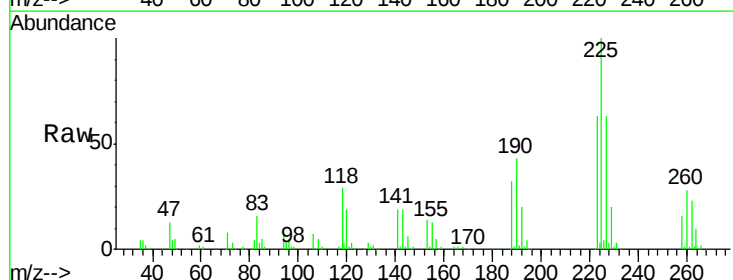
Manual Integrations
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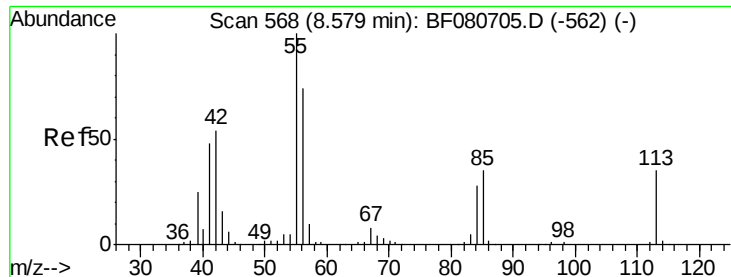
MMDadoda
8/3/2015 11:55:37 AM



#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232565		
223	62.8	51.7	77.5	
227	62.5	51.0	76.4	





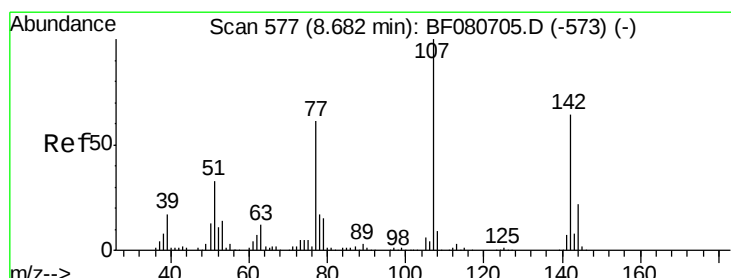
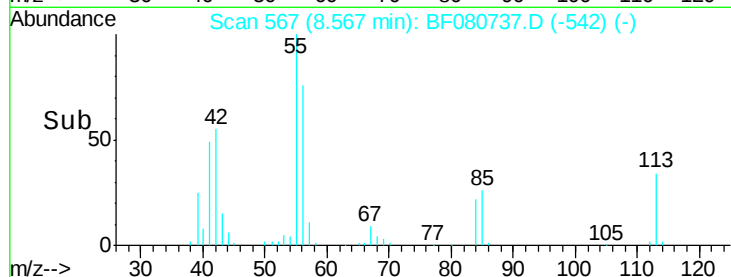
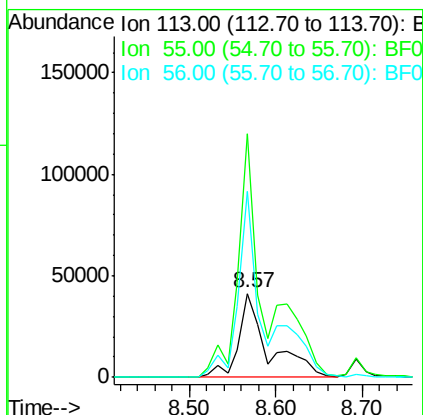
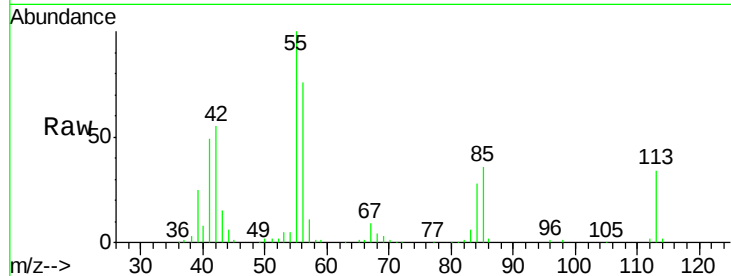
#35
Caprolactam
Concen: 39.33 ng m
RT: 8.57 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	291.2	269.3	309.3
56	222.5	193.3	233.3

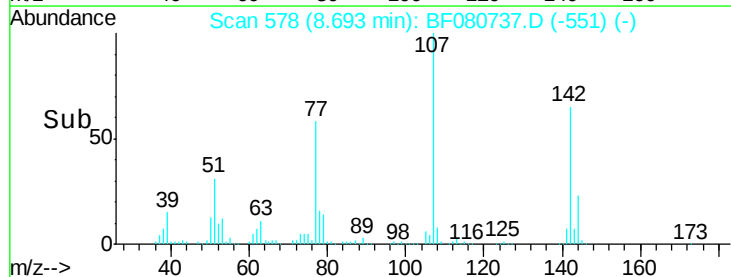
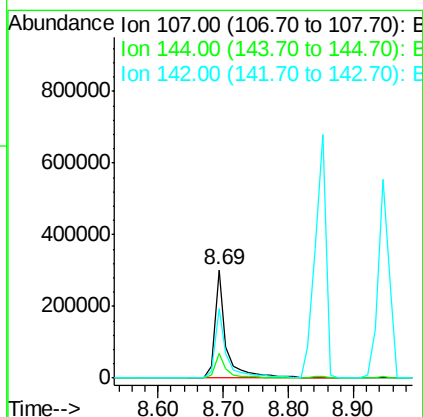
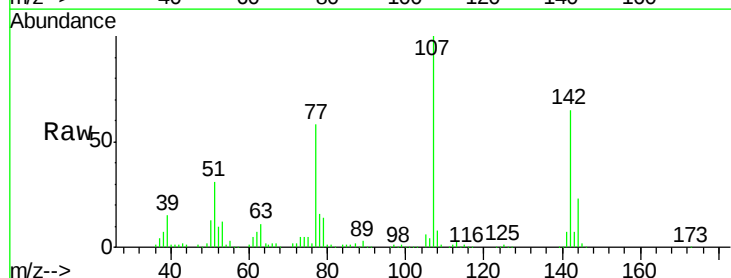
Manual Integrations
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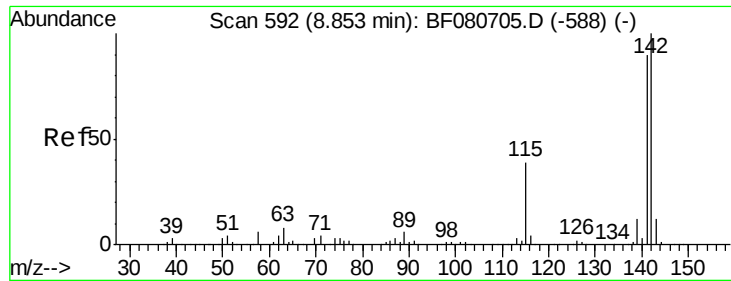
MMDadoda
8/3/2015 11:55:37 AM



#36
4-Chloro-3-methylphenol
Concen: 41.27 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	17.2	25.8
142	64.8	51.2	76.8





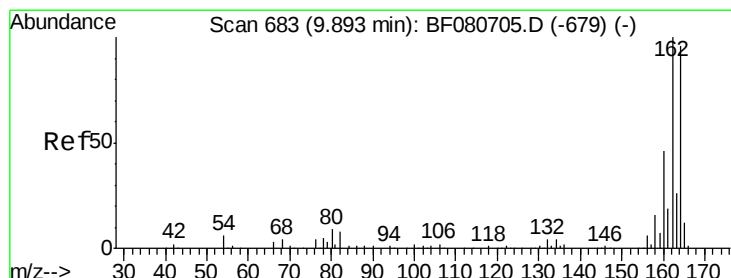
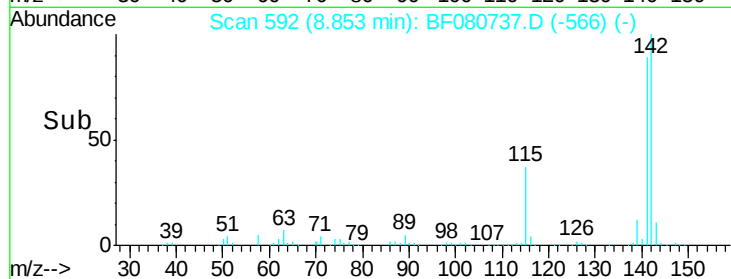
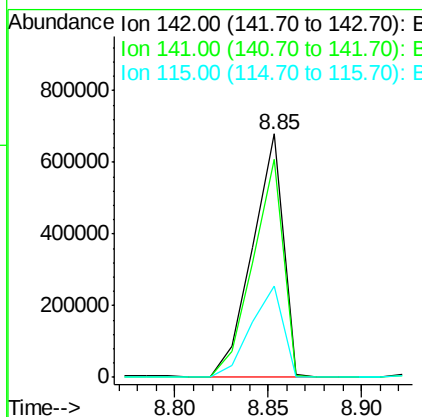
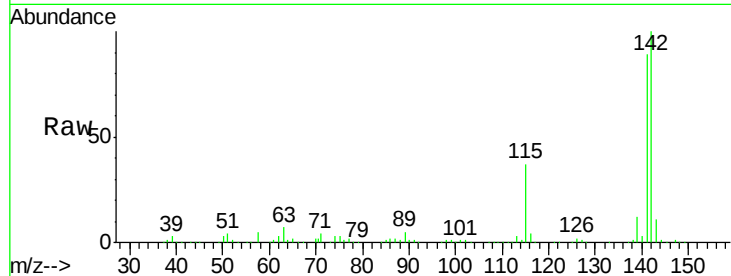
#37
 2-Methylnaphthalene
 Concen: 41.40 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	778616		
141	89.3		71.9	107.9
115	37.4		31.4	47.2

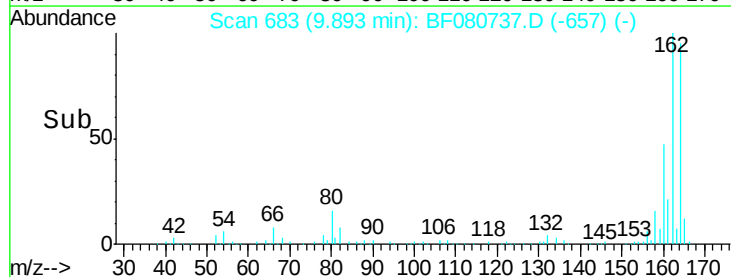
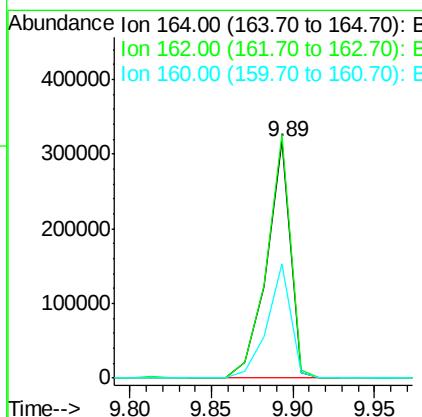
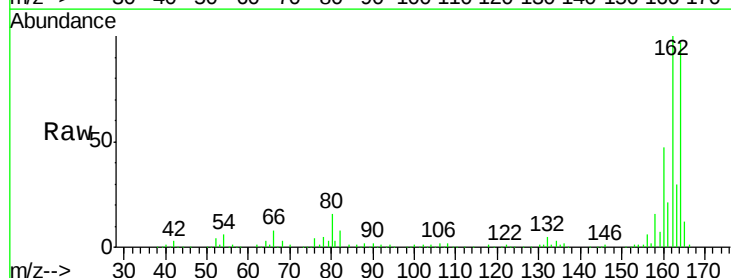
Manual Integrations
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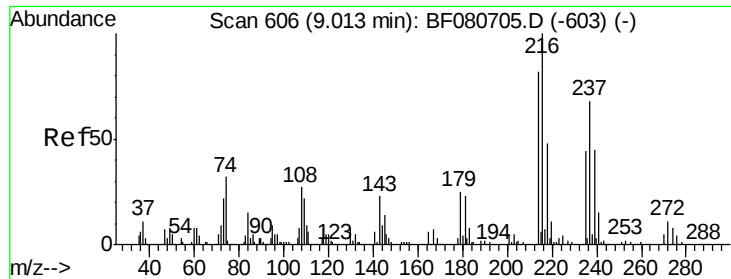
MMDadoda
 8/3/2015 11:55:37 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	321317		
162	102.7		83.4	125.0
160	48.0		38.0	57.0





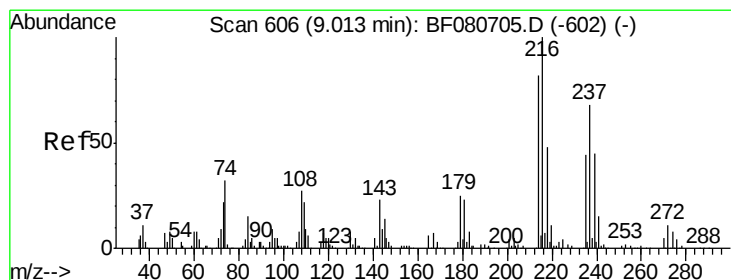
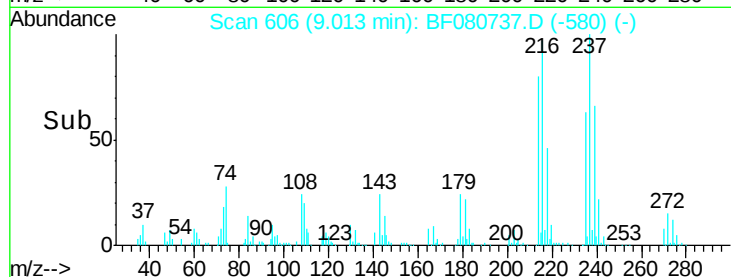
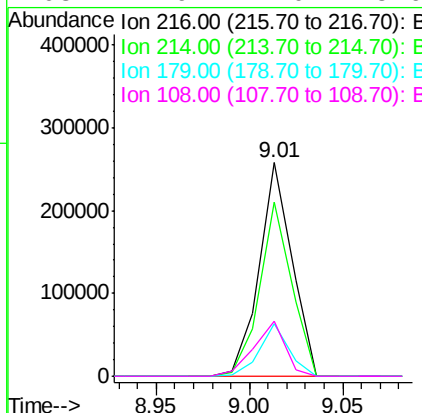
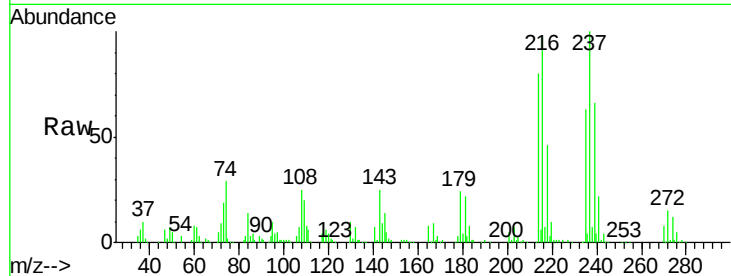
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.05 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Manual Integrations
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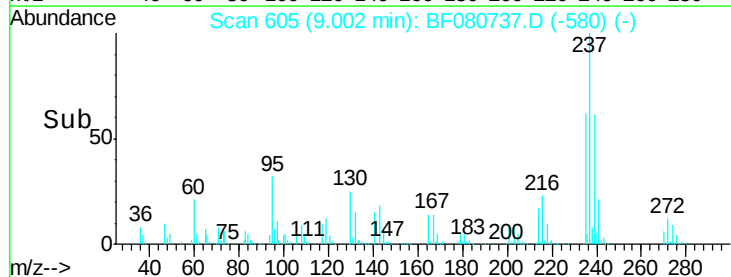
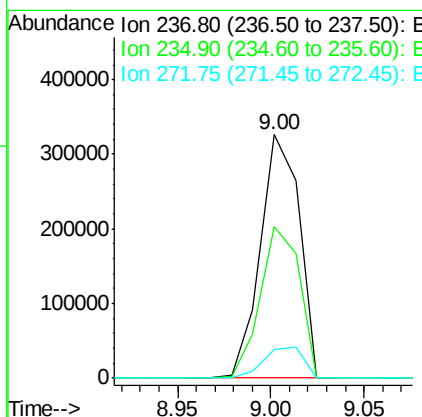
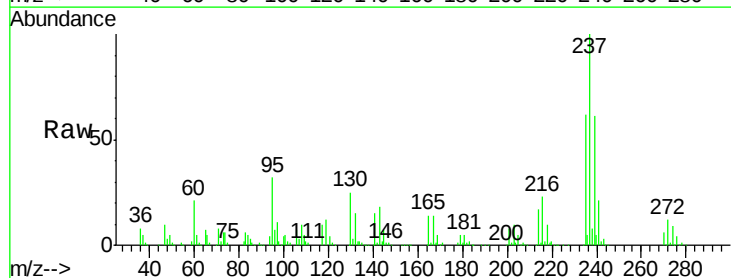
MMDadoda
 8/3/2015 11:55:37 AM

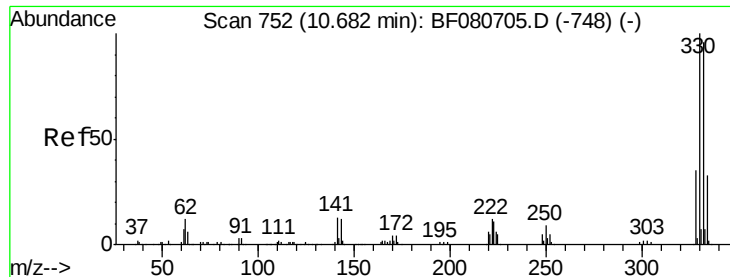
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	313339		
214	79.4	63.1	94.7	
179	22.0	16.9	25.3	
108	24.9	17.0	25.6	



#40
 Hexachlorocyclopentadiene
 Concen: 75.91 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	471233		
235	62.1	44.3	84.3	
272	11.6	0.0	35.5	





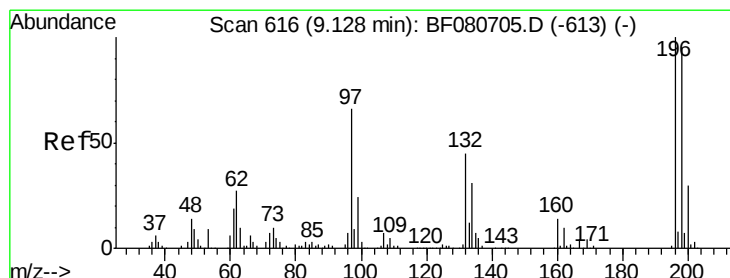
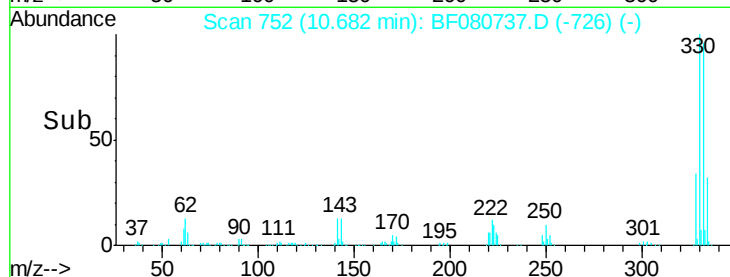
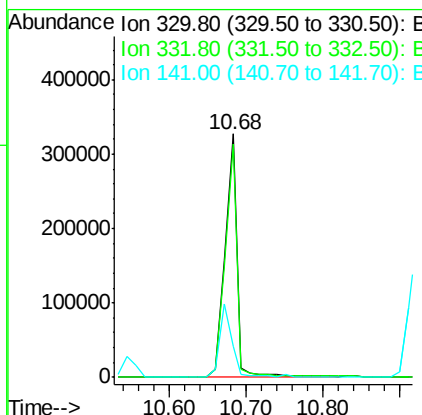
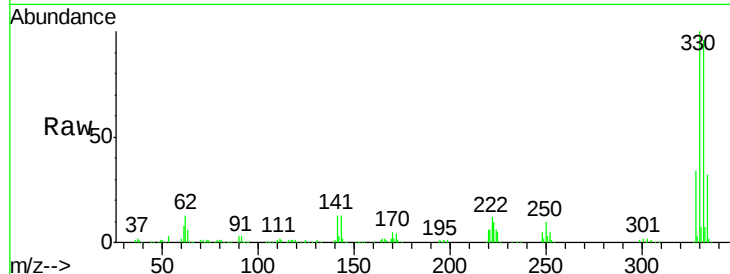
#41
 2,4,6-Tribromophenol
 Concen: 111.79 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	372738		
332	93.3	76.6	114.8	
141	29.7	26.0	39.0	

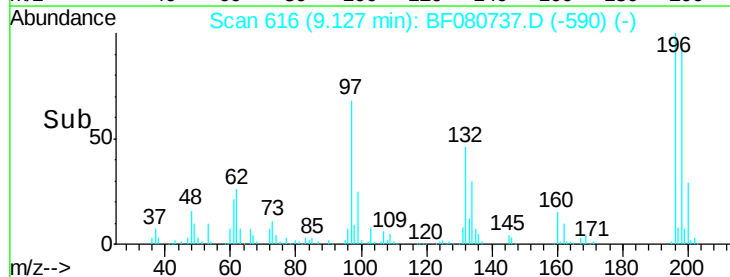
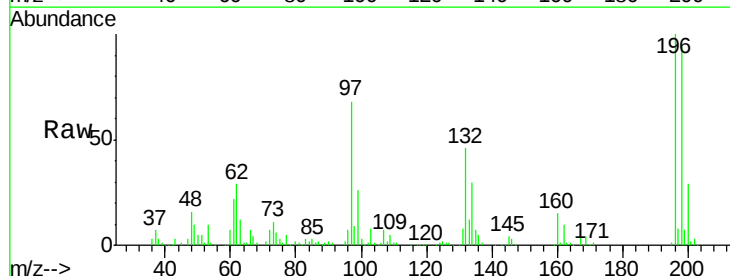
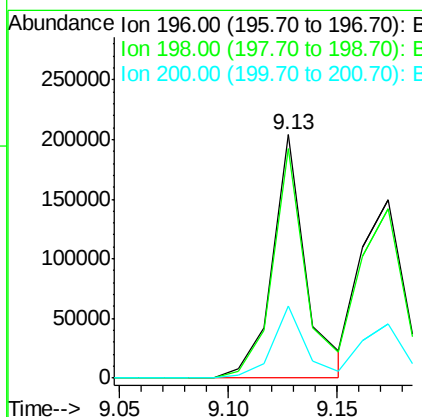
Manual Integrations
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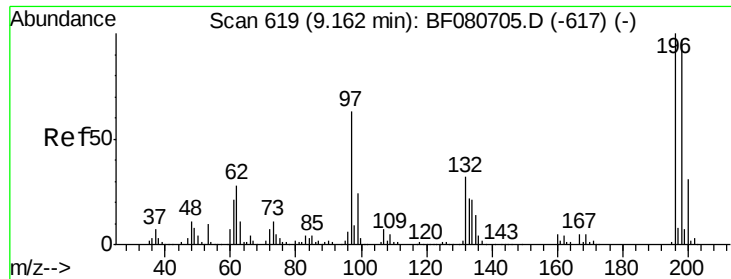
MMDadoda
 8/3/2015 11:55:37 AM



#42
 2,4,6-Trichlorophenol
 Concen: 31.22 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

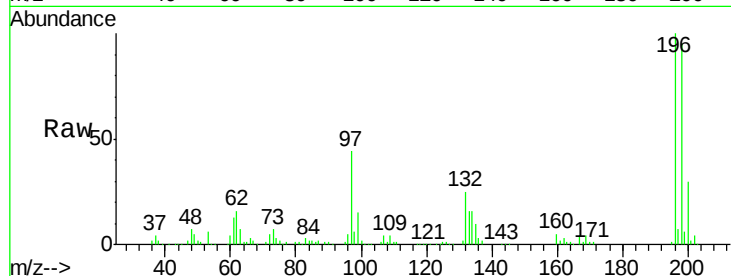
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219181		
198	94.1	75.8	113.8	
200	29.4	24.2	36.2	





#43
 2,4,5-Trichlorophenol
 Concen: 39.85 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

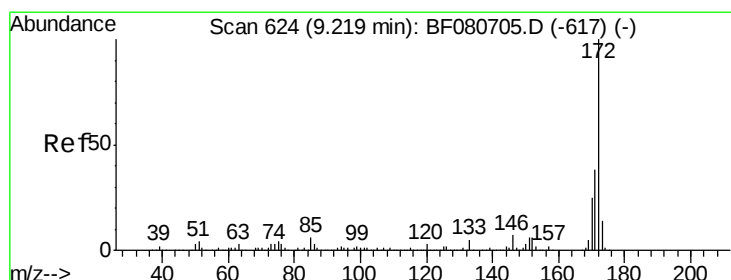
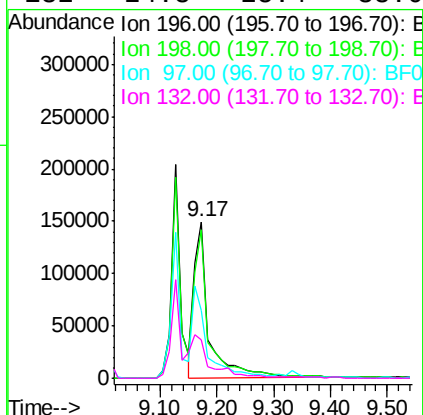
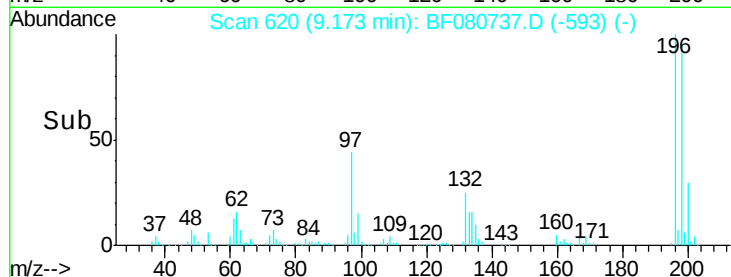
Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	277475		
198	95.0	77.8	116.8	
97	43.6	49.0	73.4	
132	24.8	25.4	38.0	

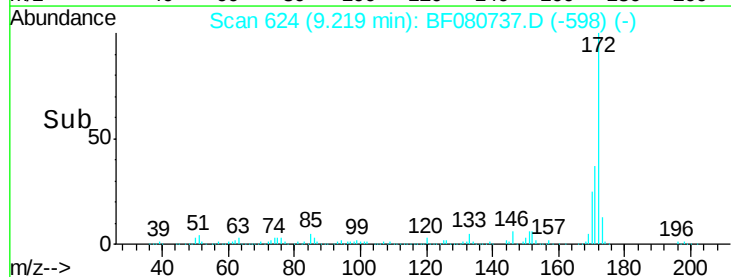
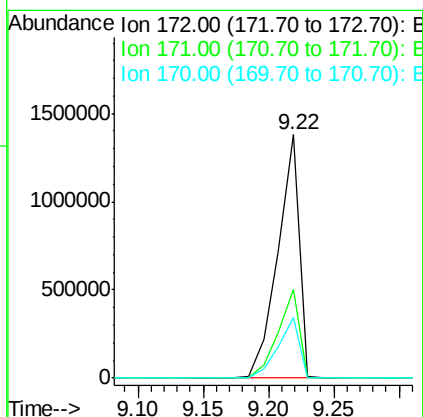
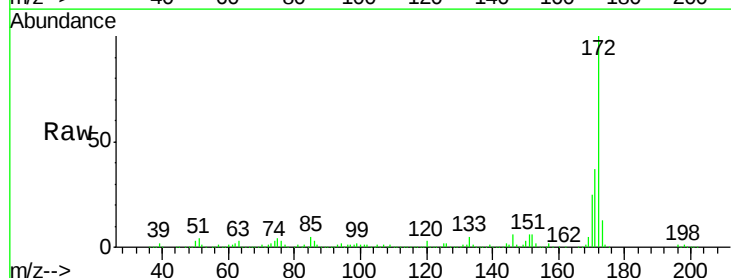
Manual Integrations
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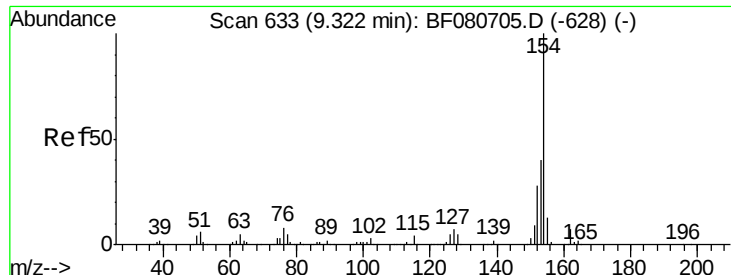
MMDadoda
 8/3/2015 11:55:37 AM



#44
 2-Fluorobiphenyl
 Concen: 74.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1596250		
171	36.6	30.2	45.4	
170	24.9	20.2	30.2	





#45

1,1'-Biphenyl

Concen: 34.21 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

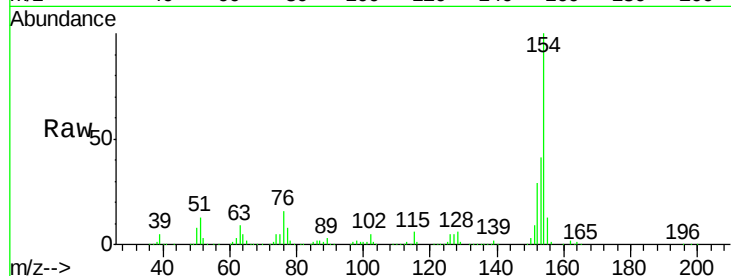
ClientSampleId :

PB84765BS

Tgt Ion:	154	Resp:	842894
Ion Ratio		Lower	Upper
154	100		
153	41.3	19.9	59.9
76	15.8	0.0	28.3

Manual Integrations
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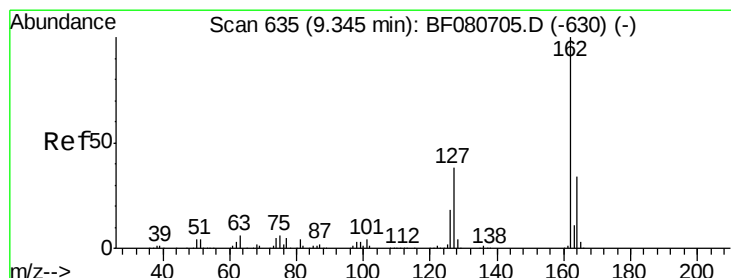
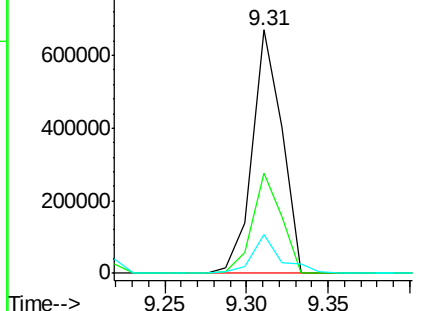
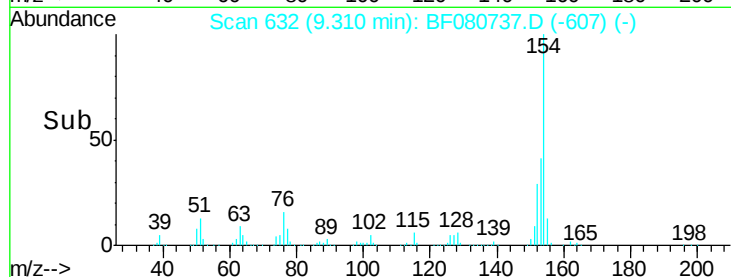
MMDadoda
8/3/2015 11:55:37 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.19 ng

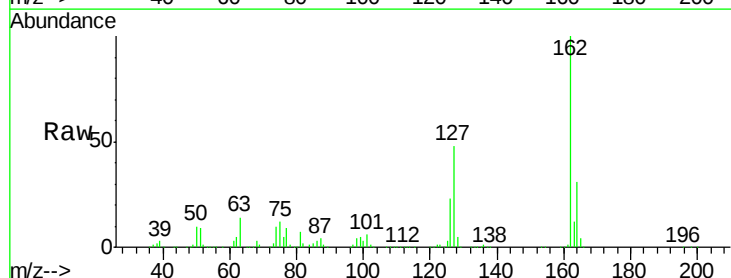
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

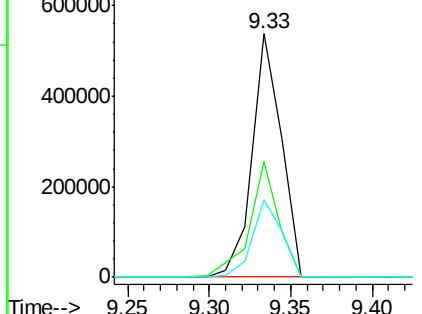
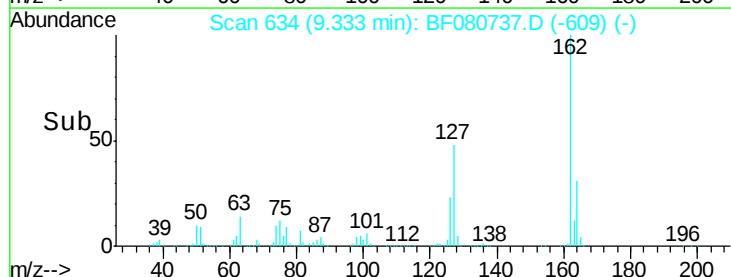
Tgt Ion:	162	Resp:	667945
Ion Ratio		Lower	Upper
162	100		
127	47.7	30.2	45.4#
164	31.5	27.1	40.7

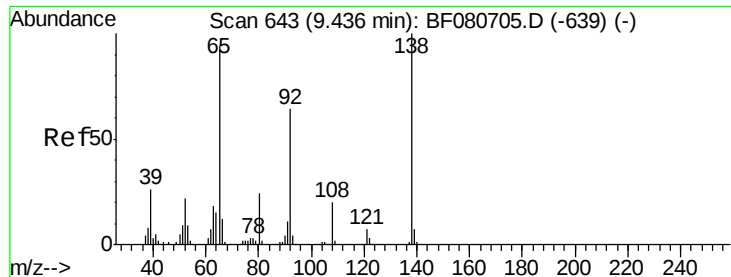


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





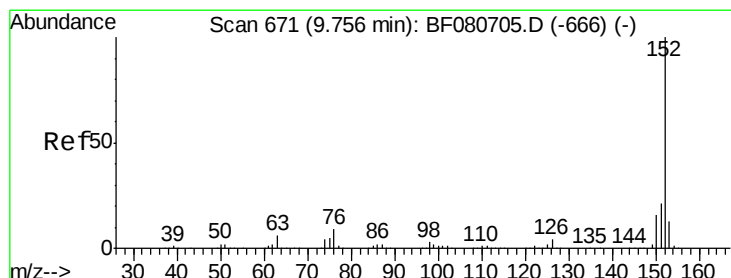
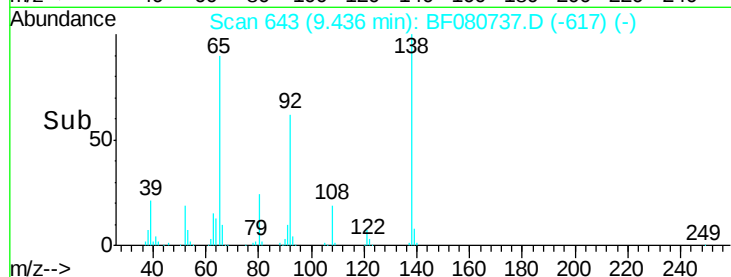
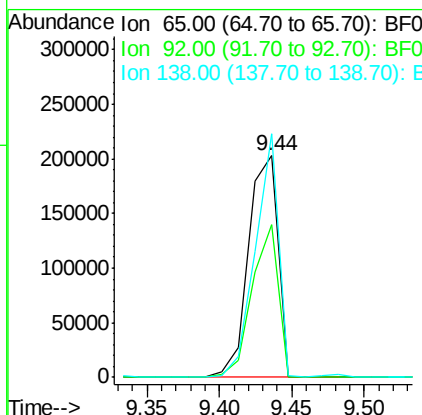
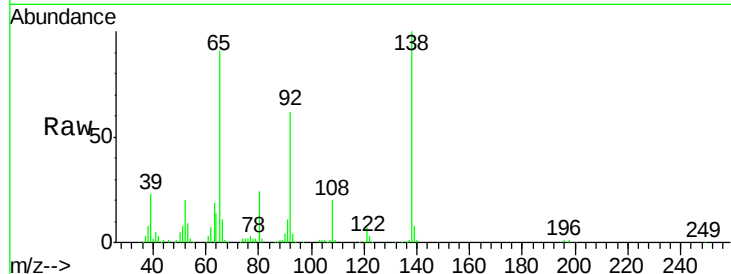
#47
2-Nitroaniline
Concen: 36.42 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	54.9	82.3
138	109.8	85.1	127.7

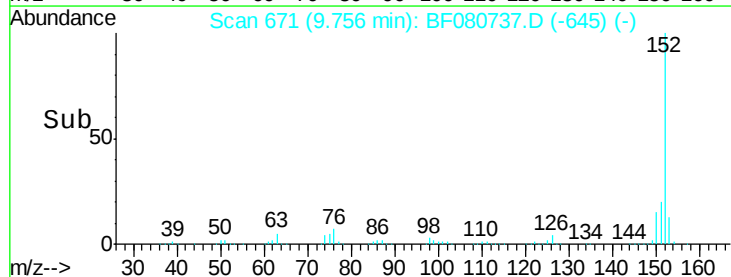
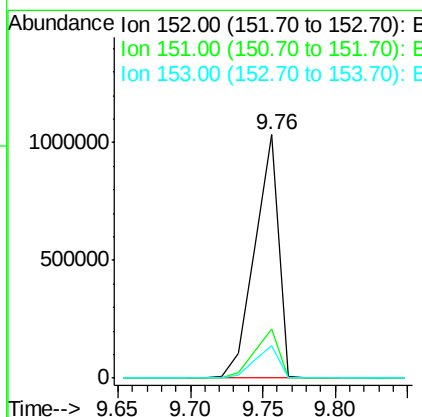
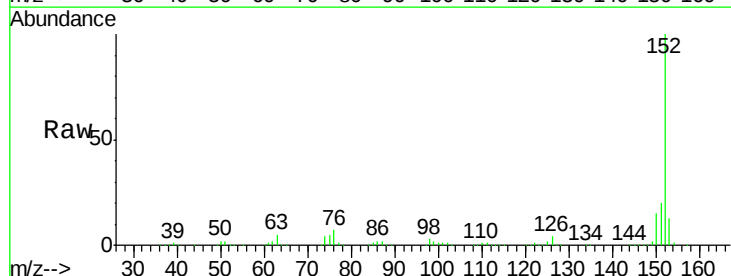
Manual Integrations
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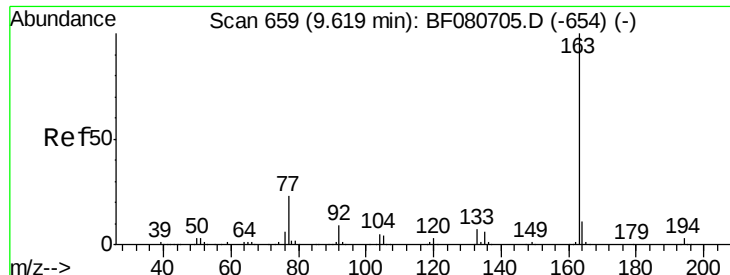
MMDadoda
8/3/2015 11:55:37 AM



#48
Acenaphthylene
Concen: 36.83 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

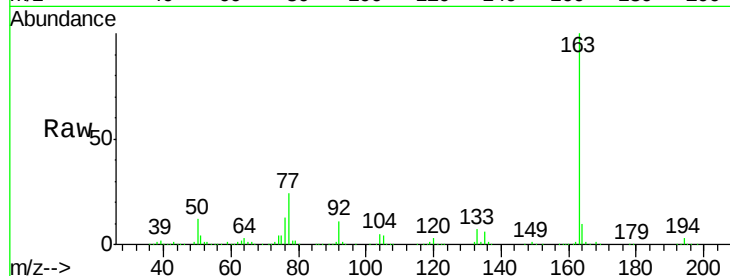
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	13.2	10.8	16.2





#49
Dimethylphthalate
Concen: 38.39 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

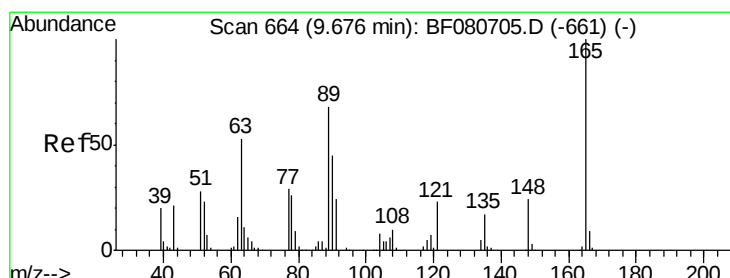
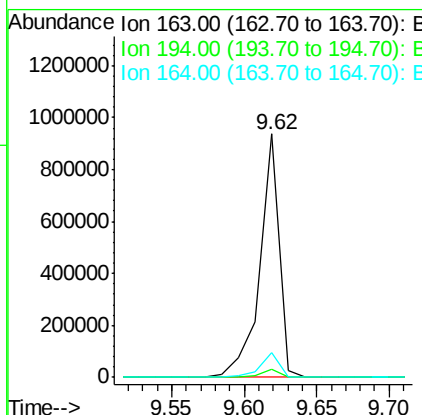
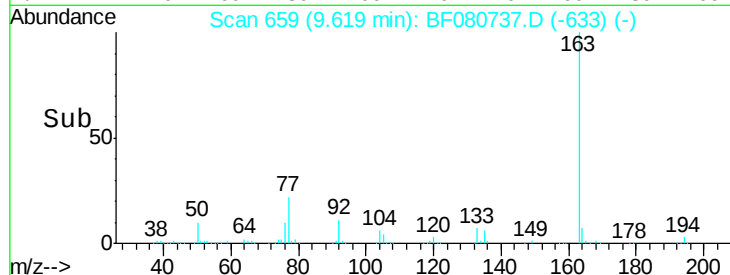
Instrument :
BNA_F
ClientSampleId :
PB84765BS



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	869381		
194	3.4	2.7	4.1	
164	10.4	8.7	13.1	

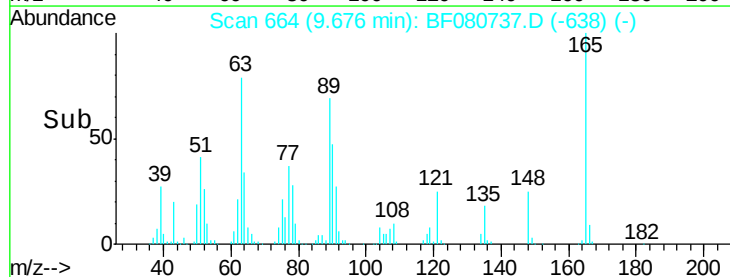
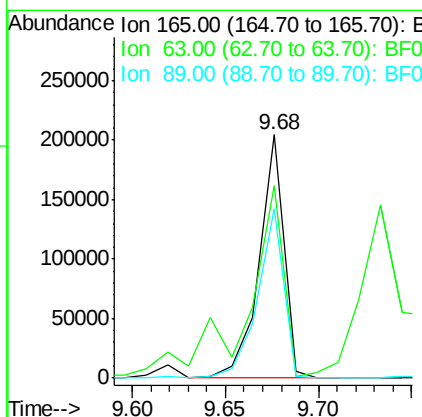
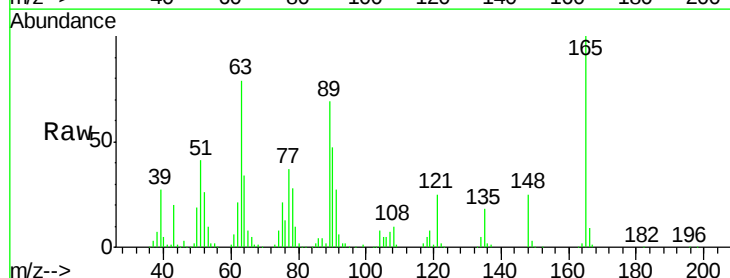
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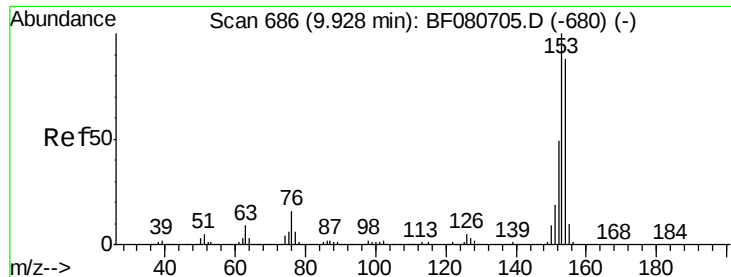
MMDadoda
8/3/2015 11:55:37 AM



#50
2,6-Dinitrotoluene
Concen: 38.82 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186566		
63	79.0	62.3	93.5	
89	69.5	54.8	82.2	





#51

Acenaphthene

Concen: 43.38 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080737.D

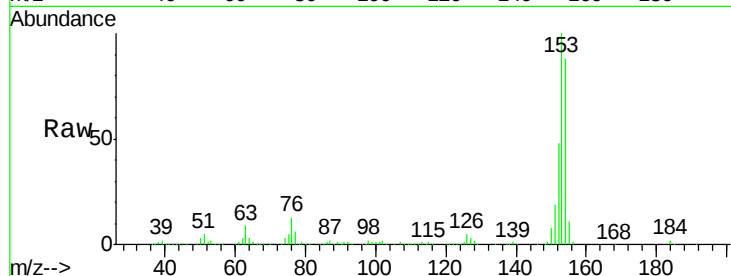
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

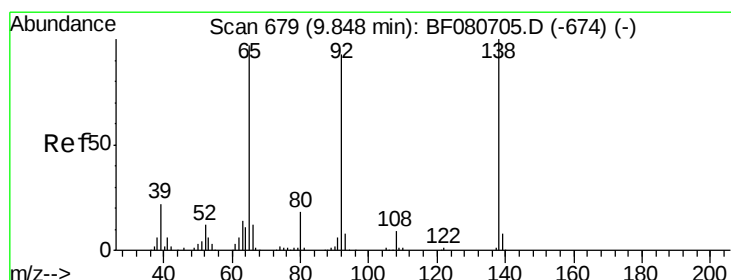
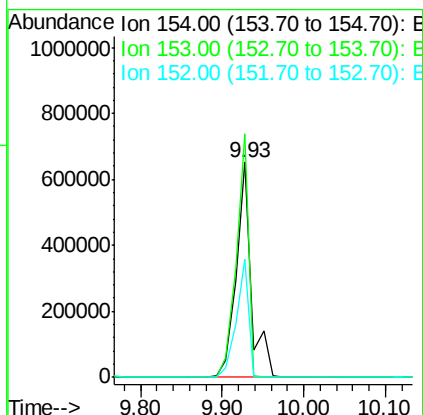
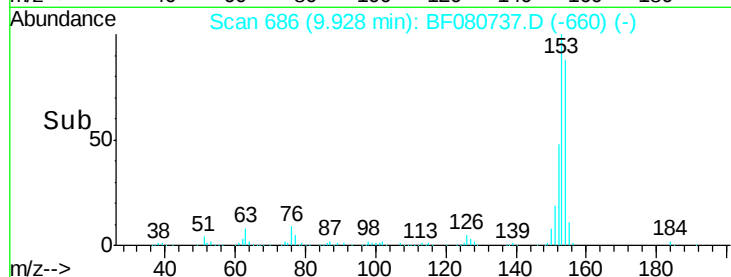
PB84765BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.3	90.7	136.1	
152	54.8	44.2	66.4	

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#52

3-Nitroaniline

Concen: 15.48 ng

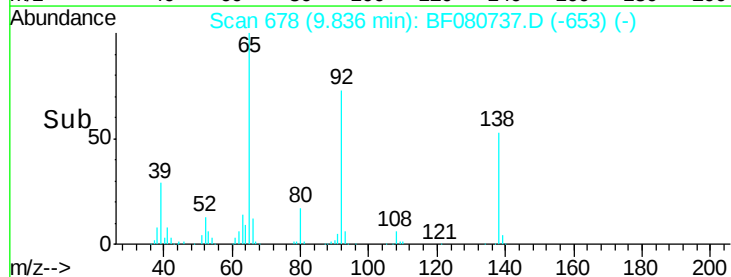
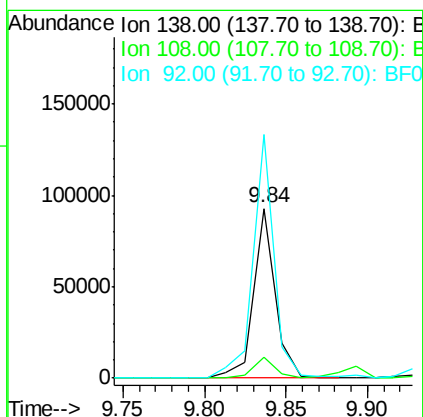
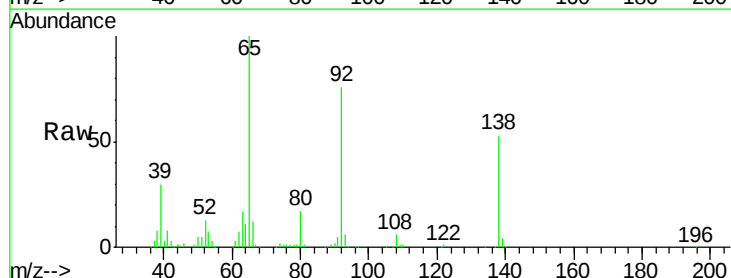
RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.3	6.9	10.3#	
92	143.4	74.1	111.1#	





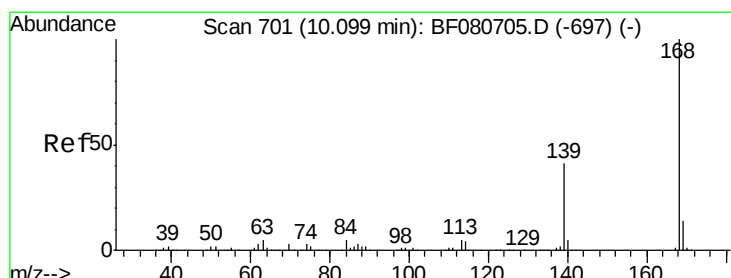
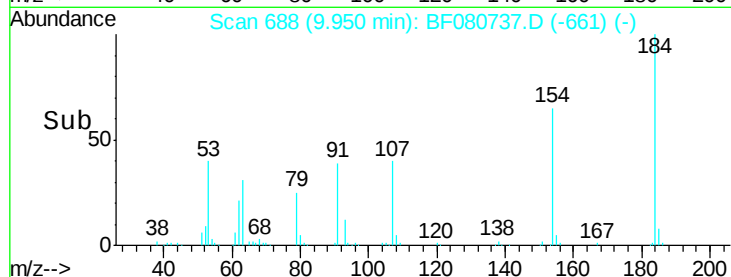
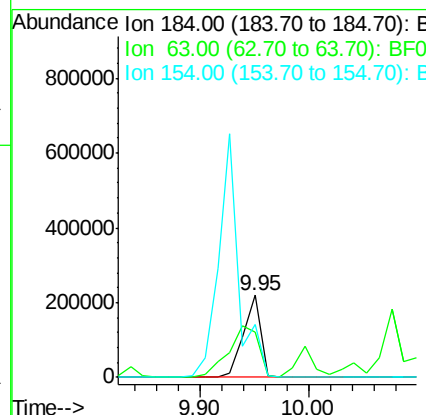
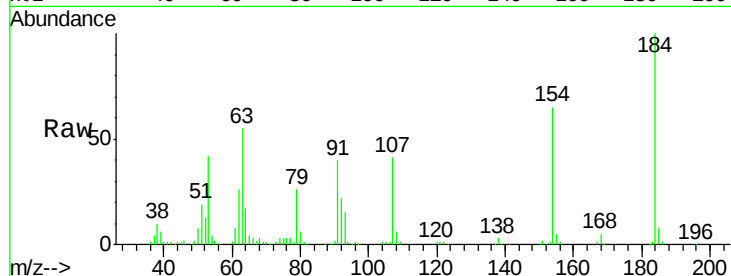
#53
2,4-Dinitrophenol
Concen: 93.60 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	239556		
63	54.5	96.0	144.0#	
154	65.2	66.0	99.0#	

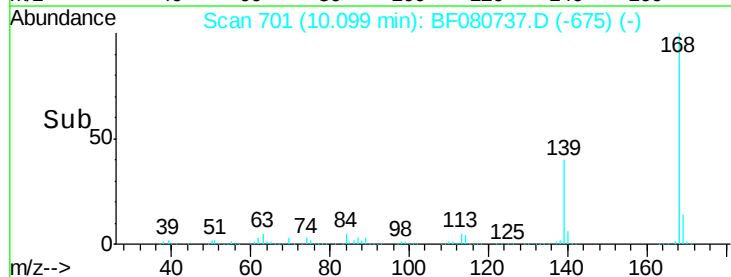
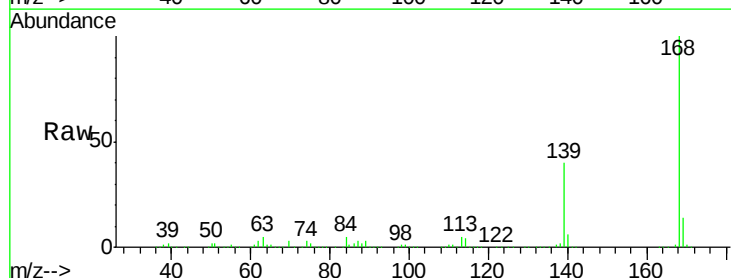
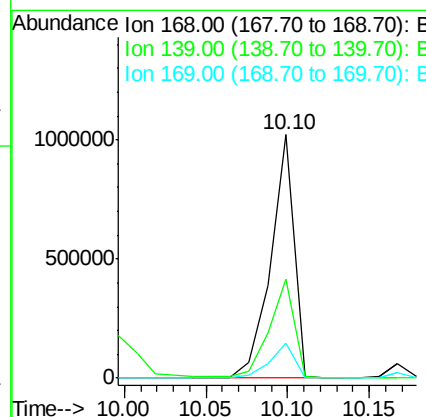
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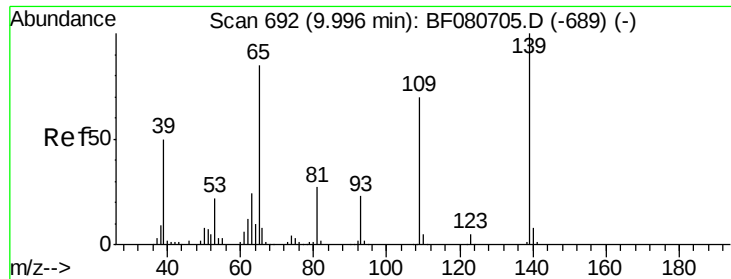
MMDadoda
8/3/2015 11:55:37 AM



#54
Dibenzofuran
Concen: 39.19 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1023313		
139	40.4	33.0	49.6	
169	14.3	11.4	17.2	





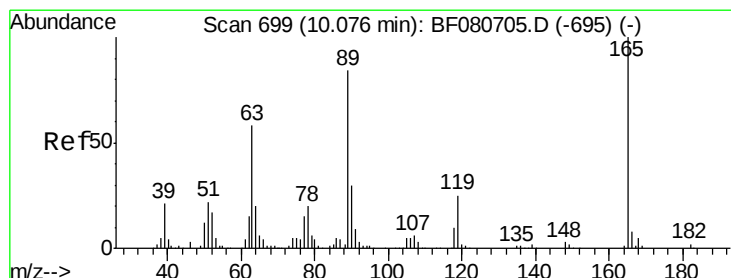
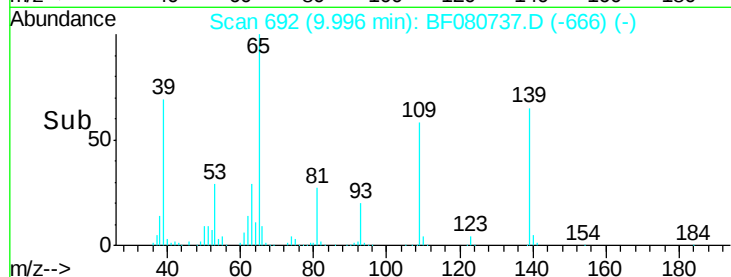
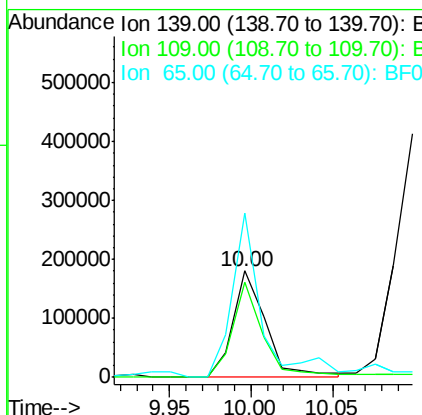
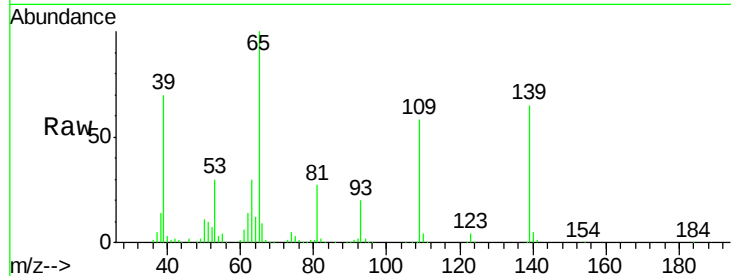
#55
4-Nitrophenol
Concen: 61.56 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	251519		
109	89.1	50.4	90.4	
65	154.1	66.1	106.1#	

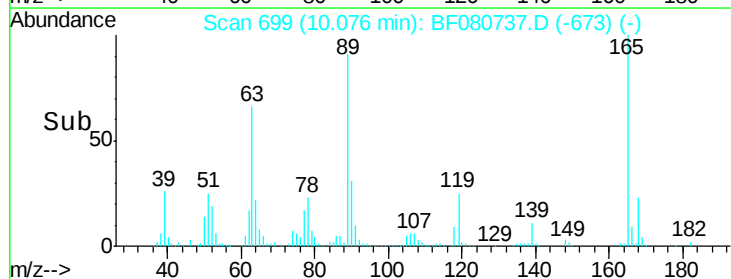
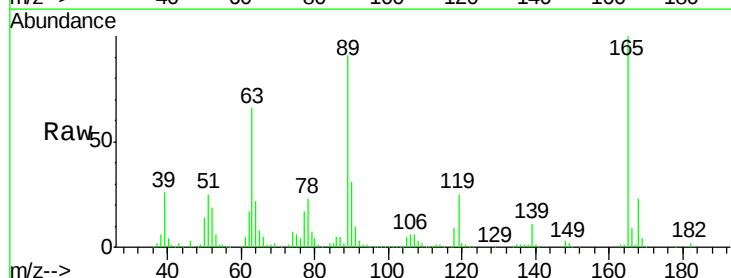
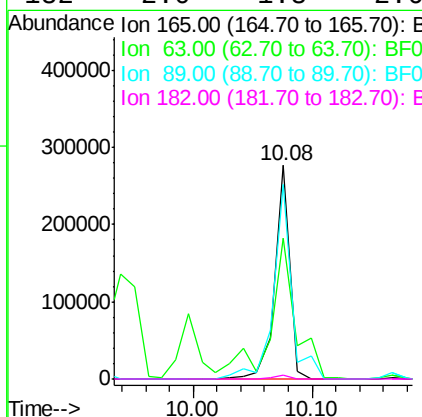
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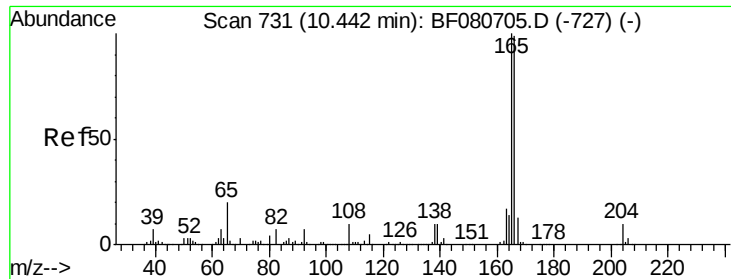
MMDadoda
8/3/2015 11:55:37 AM



#56
2,4-Dinitrotoluene
Concen: 38.48 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242514		
63	66.1	46.7	70.1	
89	91.0	67.4	101.2	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 37.19 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

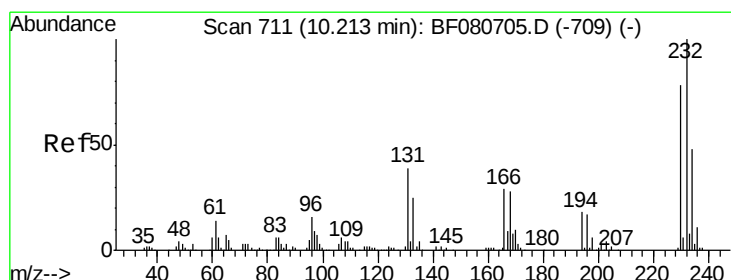
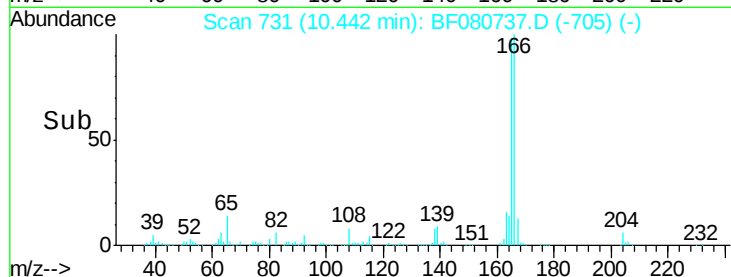
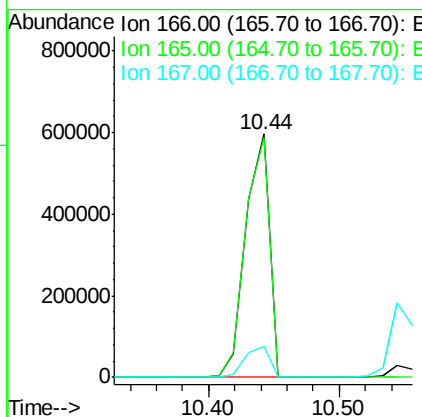
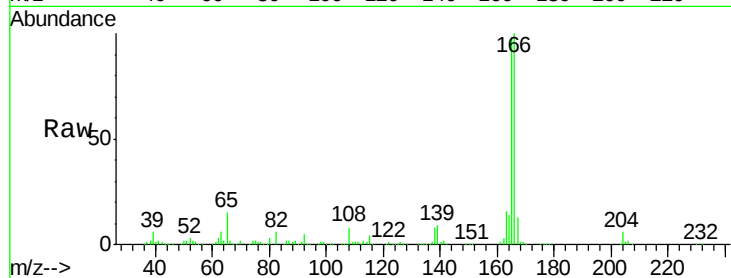
ClientSampleId :

PB84765BS

Manual Integrations
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MMDadoda
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	753698		
165	98.4	81.0	121.4	
167	12.9	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.63 ng

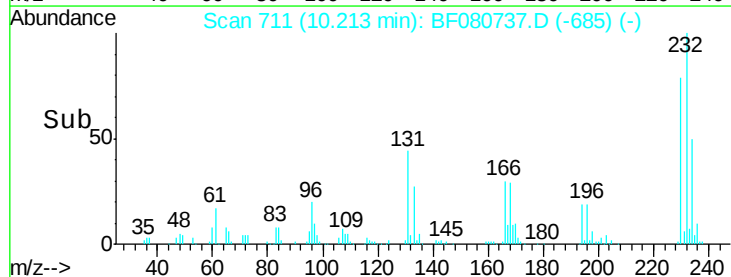
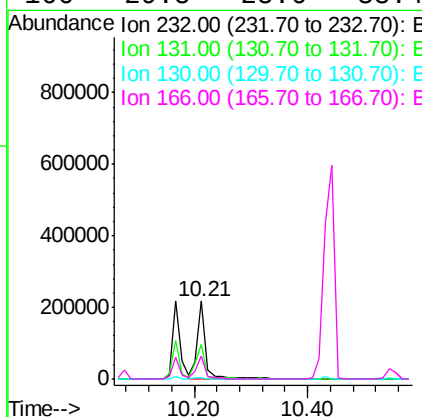
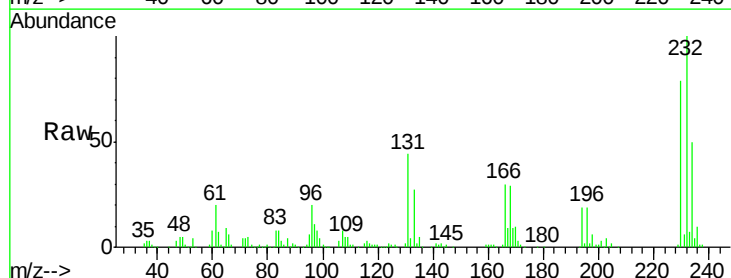
RT: 10.21 min Scan# 711

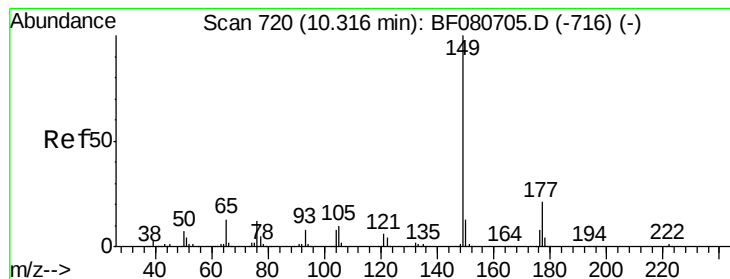
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	223850		
131	48.6	38.2	57.2	
130	2.2	1.8	2.6	
166	29.5	25.6	38.4	





#59

Diethylphthalate

Concen: 38.13 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080737.D

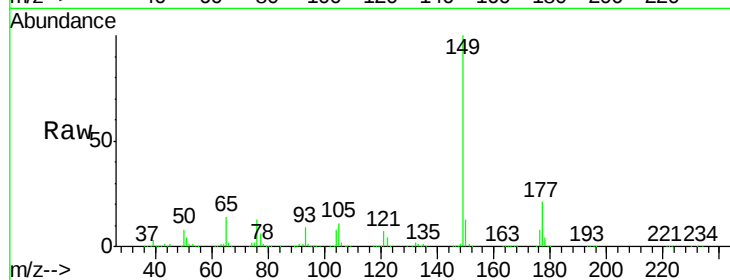
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

PB84765BS



Tgt Ion:149 Resp: 832217

Ion Ratio Lower Upper

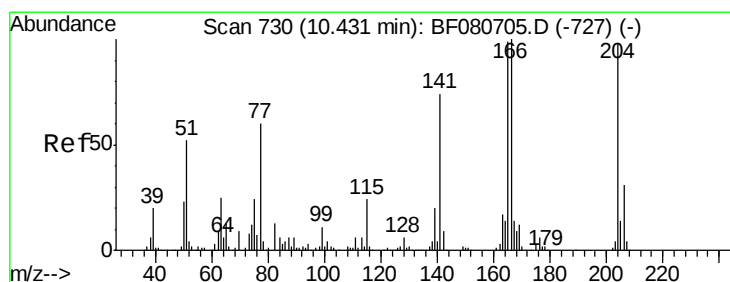
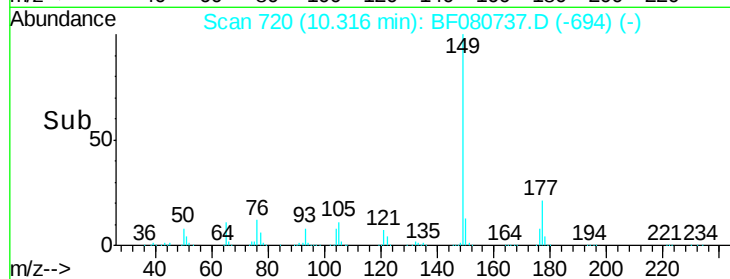
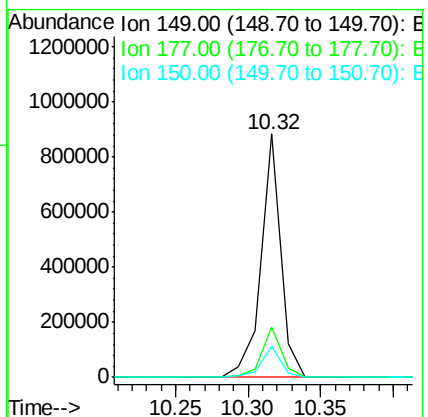
149 100

177 20.9 16.6 25.0

150 13.0 10.2 15.4

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#60

4-Chlorophenyl-phenylether

Concen: 40.84 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

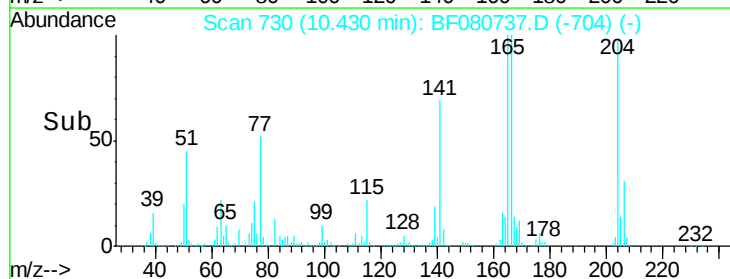
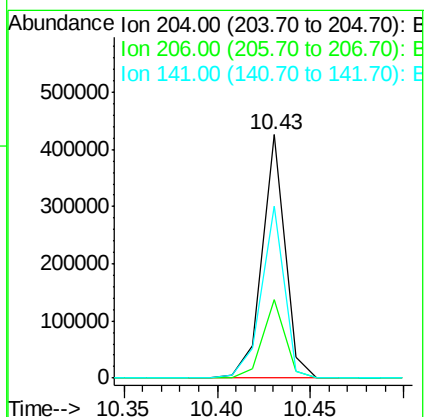
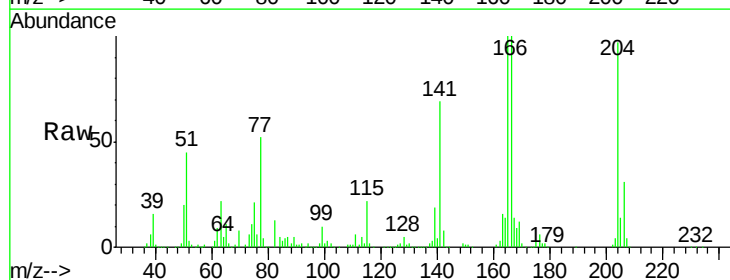
Tgt Ion:204 Resp: 359242

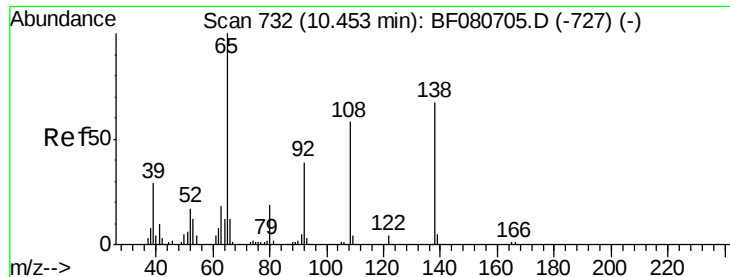
Ion Ratio Lower Upper

204 100

206 32.1 25.1 37.7

141 70.7 60.3 90.5





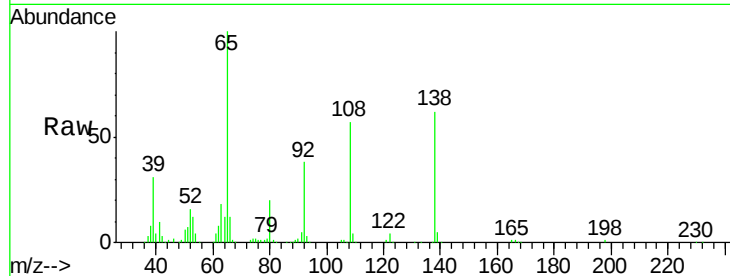
#61
4-Nitroaniline
Concen: 32.36 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

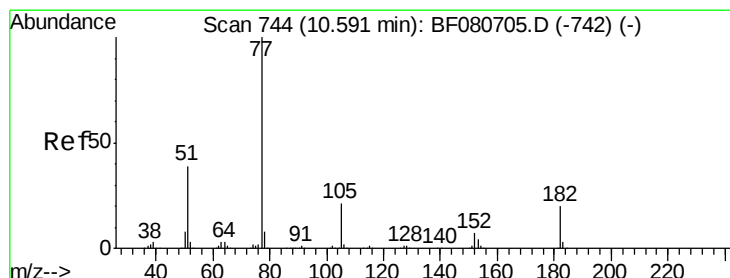
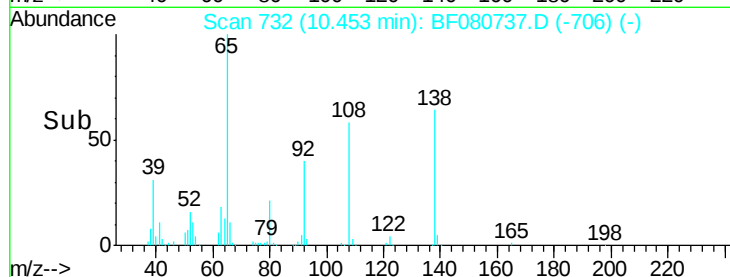
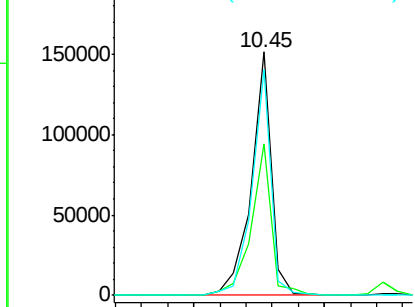
Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.2	38.2	78.2
108	92.9	66.3	106.3

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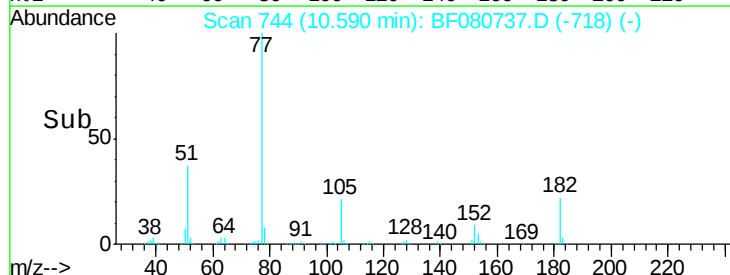
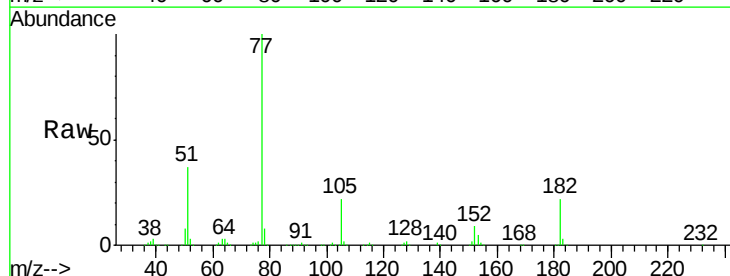
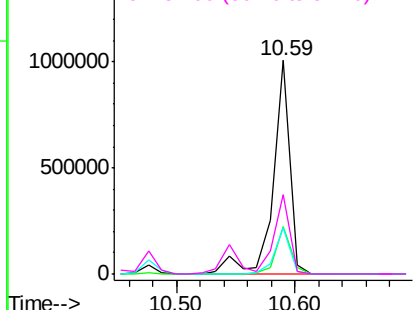
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

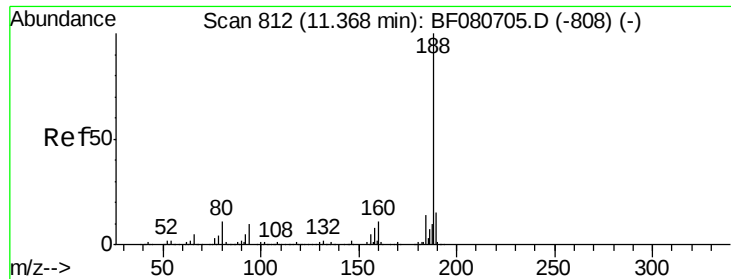


#62
Azobenzene
Concen: 42.16 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.9
105	21.6	1.1	41.1
51	37.4	18.9	58.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





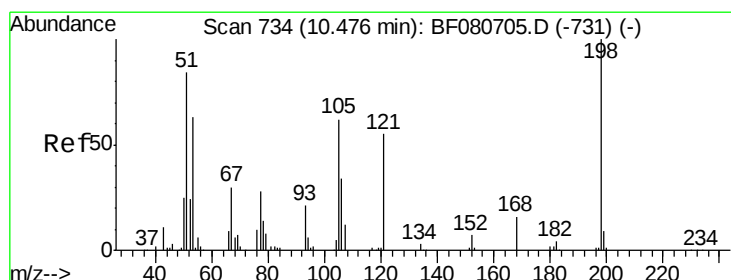
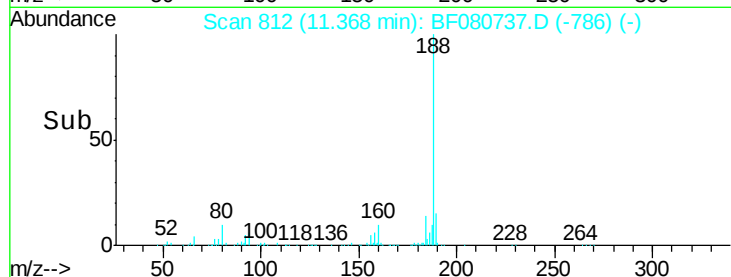
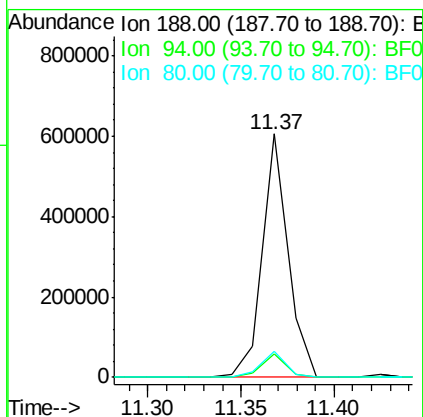
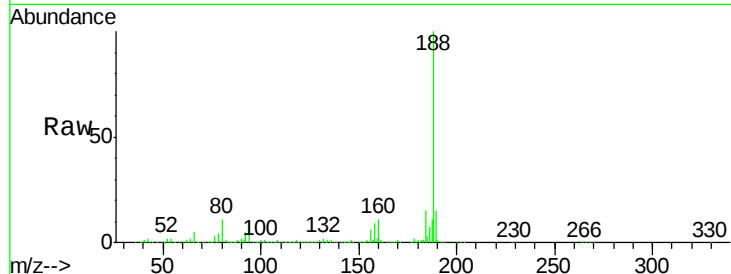
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	8.1	12.1
80	10.7	9.1	13.7

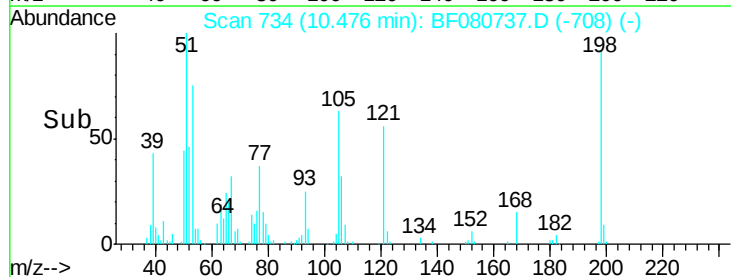
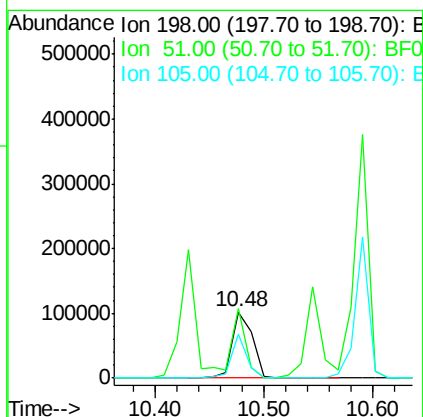
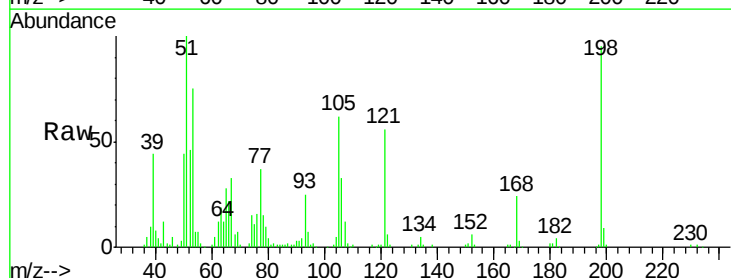
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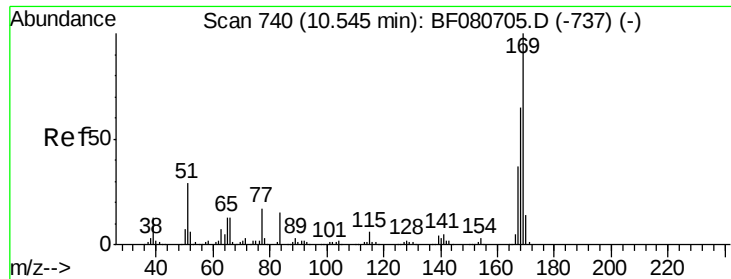
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8/3/2015 11:55:37 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.29 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	105.7	84.6	124.6
105	66.0	43.0	83.0





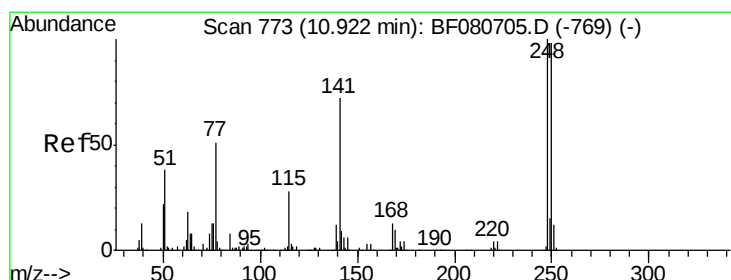
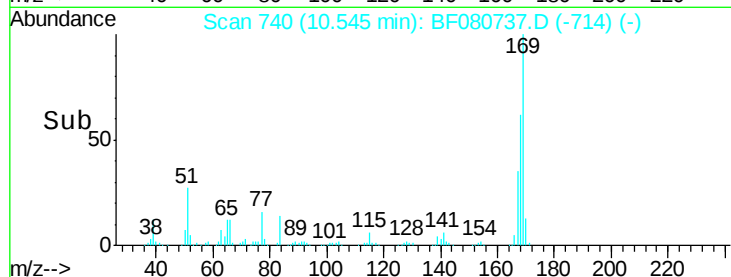
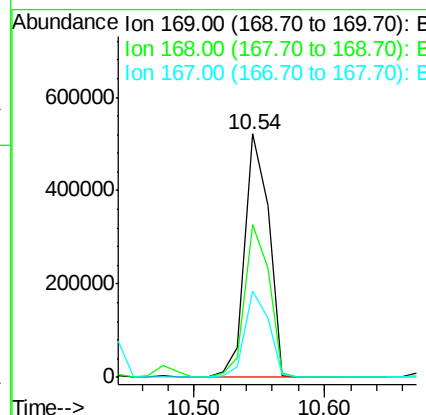
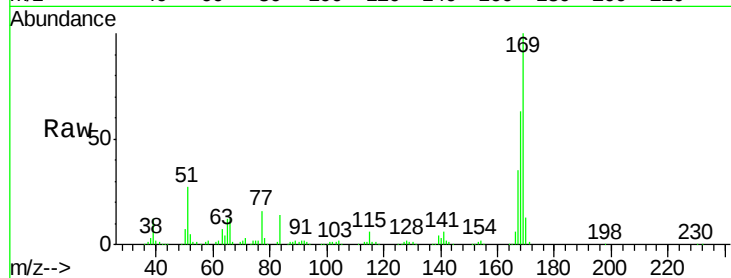
#65
n-Nitrosodiphenylamine
Concen: 35.17 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	664306		
168	62.6	52.1	78.1	
167	35.3	29.3	43.9	

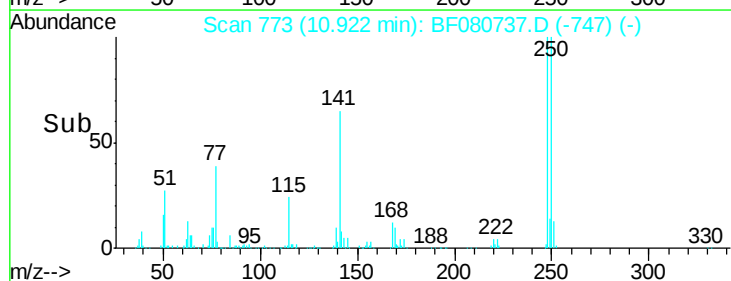
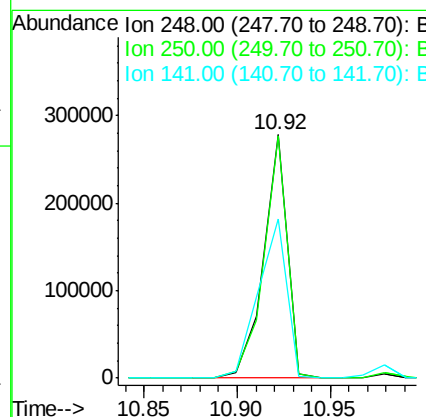
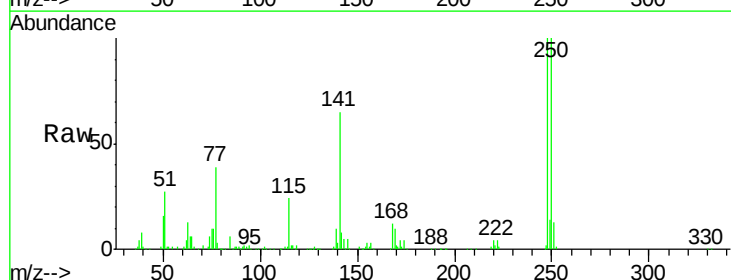
Manual Integrations
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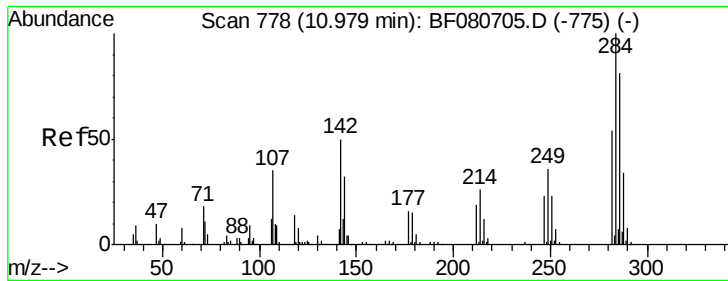
MMDadoda
8/3/2015 11:55:37 AM



#66
4-Bromophenyl-phenylether
Concen: 41.63 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247584		
250	99.5	78.4	117.6	
141	65.3	57.5	86.3	





#67

Hexachlorobenzene

Concen: 35.80 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080737.D

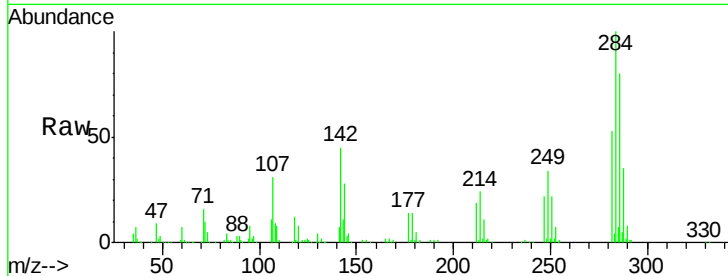
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

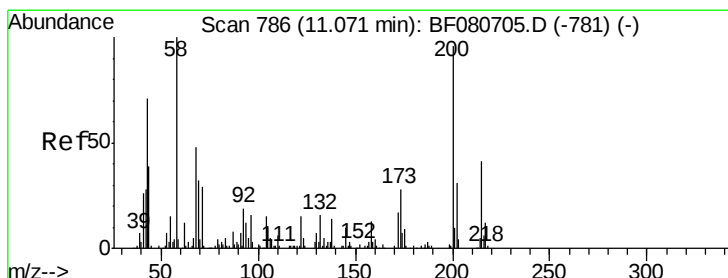
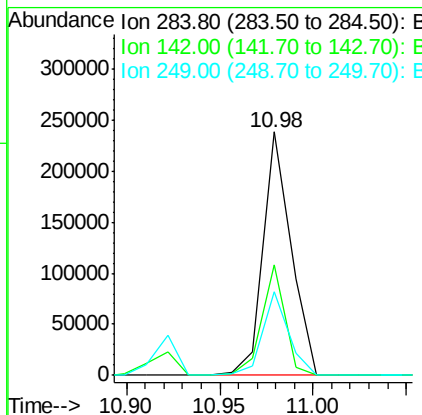
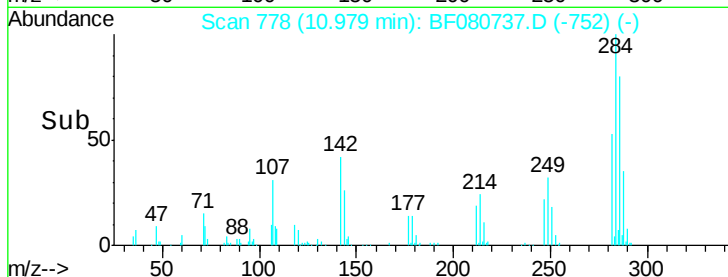
PB84765BS



Tgt Ion:	284	Resp:	246147
Ion Ratio	Lower	Upper	
284	100		
142	45.4	39.8	59.6
249	34.4	28.7	43.1

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#68

Atrazine

Concen: 57.94 ng

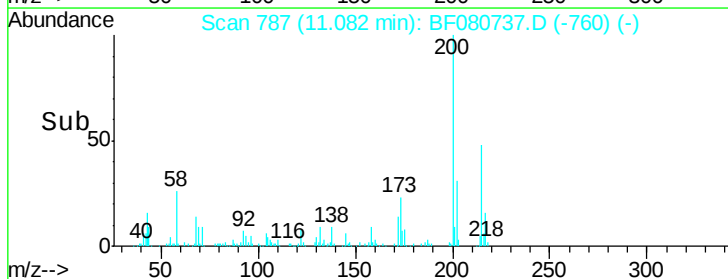
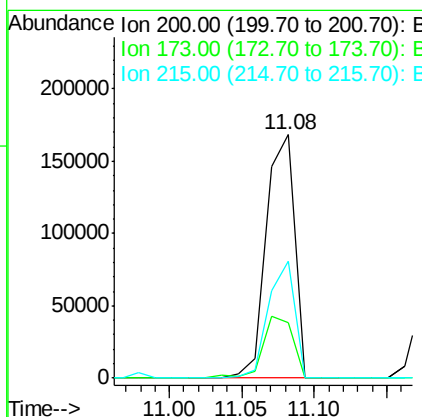
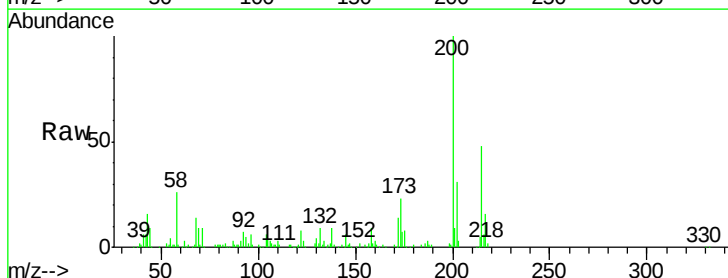
RT: 11.08 min Scan# 787

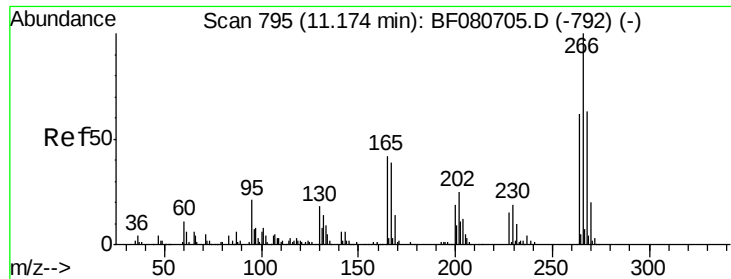
Delta R.T. 0.01 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion:	200	Resp:	227913
Ion Ratio	Lower	Upper	
200	100		
173	22.9	8.6	48.6
215	48.2	22.2	62.2





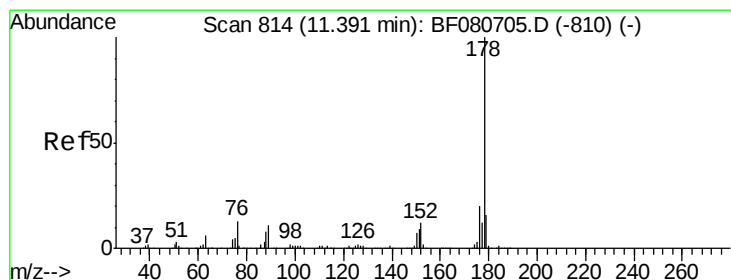
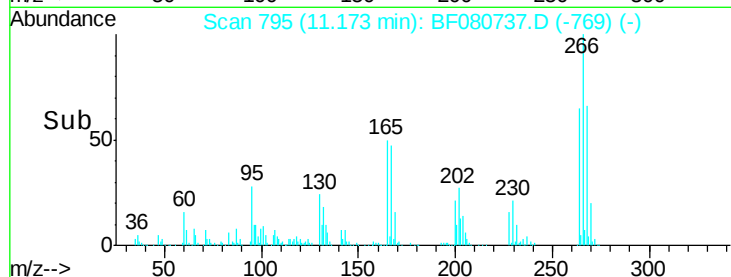
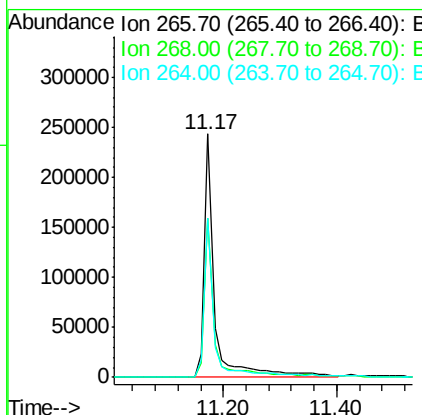
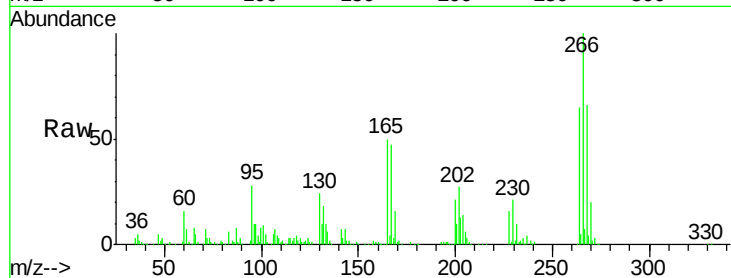
#69
 Pentachlorophenol
 Concen: 72.60 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.5	75.7
264	65.4	50.0	75.0

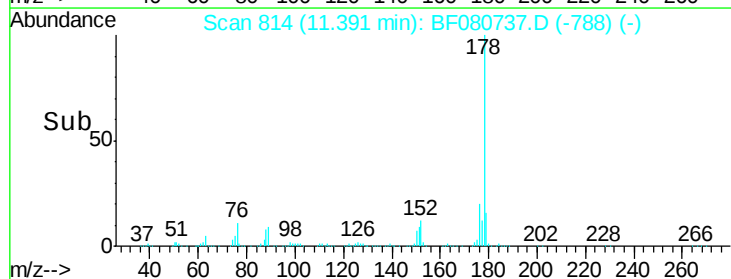
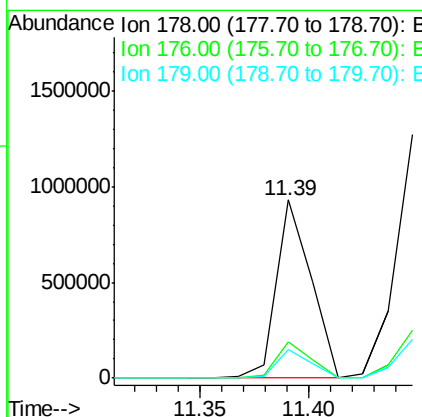
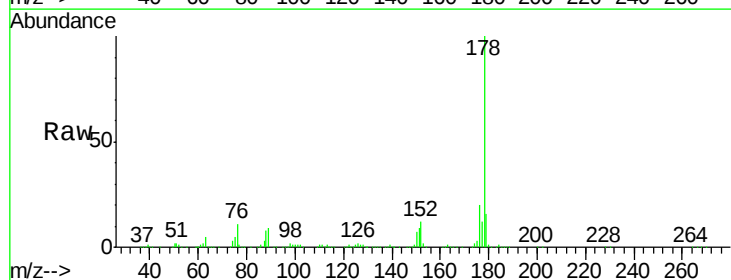
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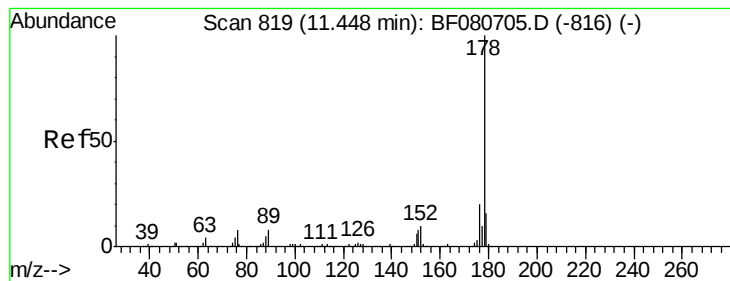
MMDadoda
 8/3/2015 11:55:37 AM



#70
 Phenanthrene
 Concen: 35.91 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.0	13.0	19.4





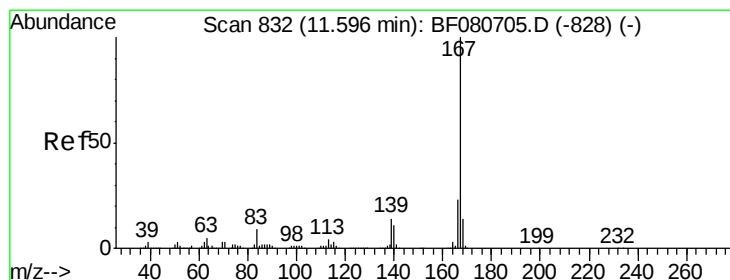
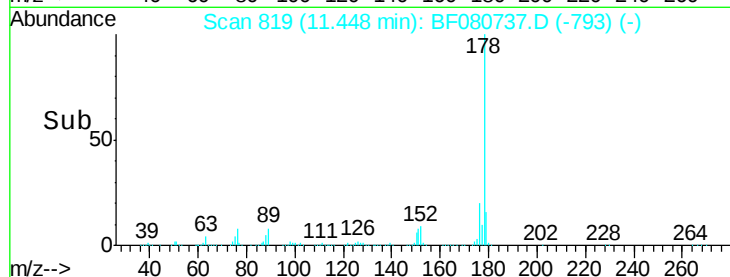
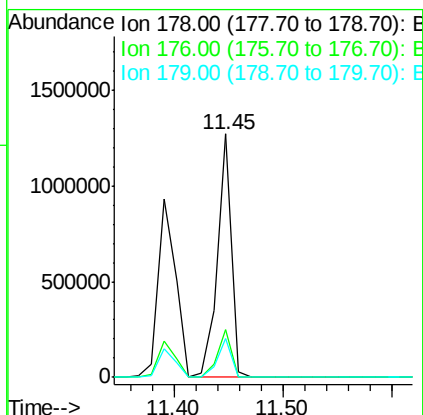
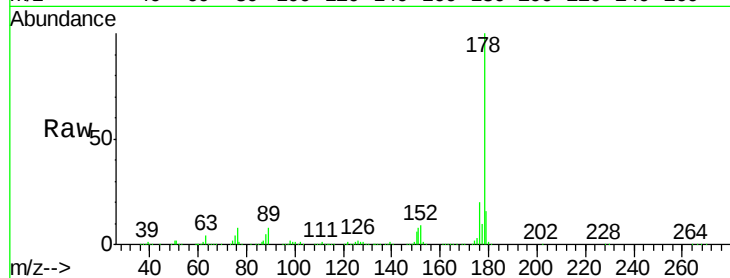
#71
 Anthracene
 Concen: 40.56 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion:178 Resp: 1156585
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.9 12.7 19.1

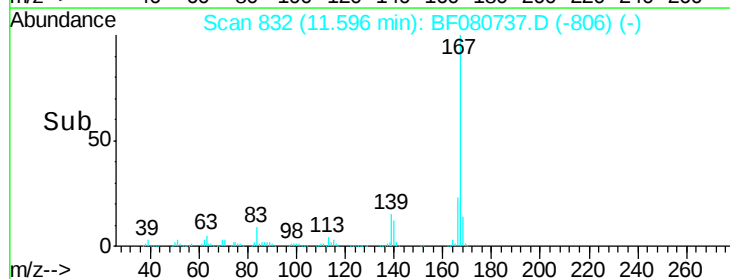
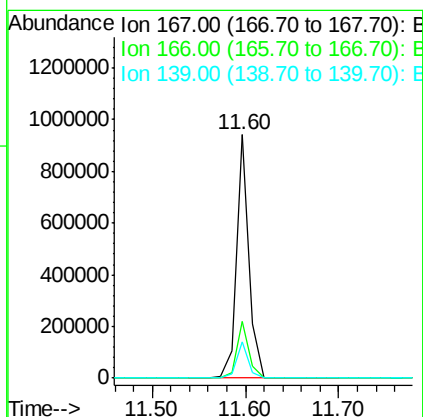
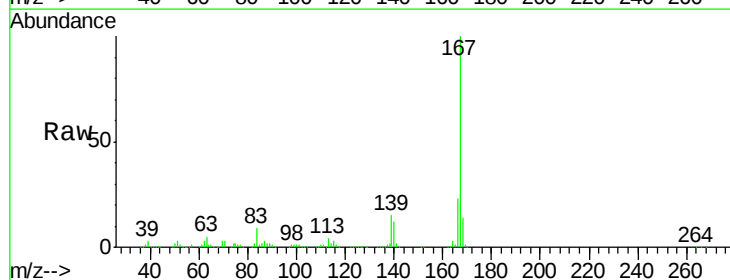
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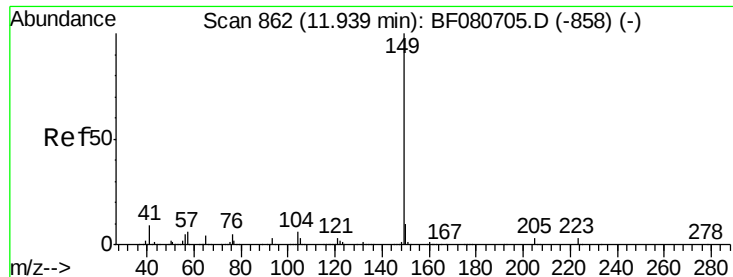
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#72
 Carbazole
 Concen: 35.29 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion:167 Resp: 873417
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 14.9 11.5 17.3





#73

Di-n-butylphthalate

Concen: 43.82 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080737.D

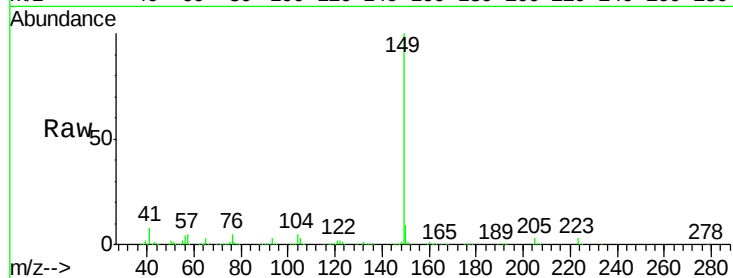
Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

ClientSampleId :

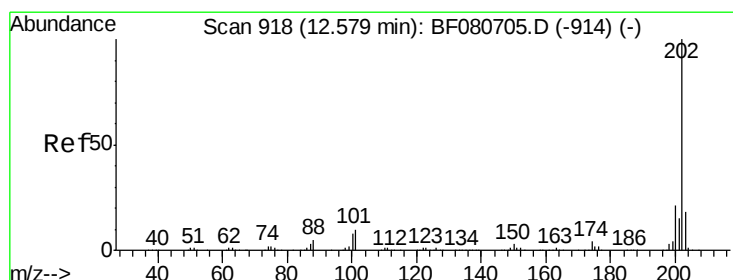
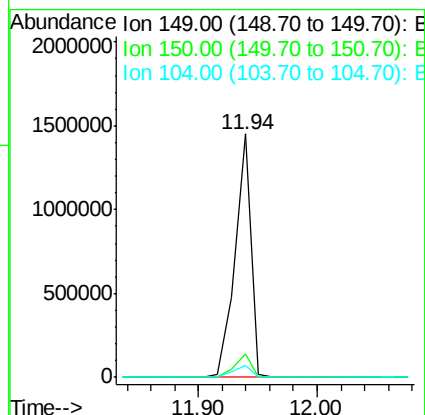
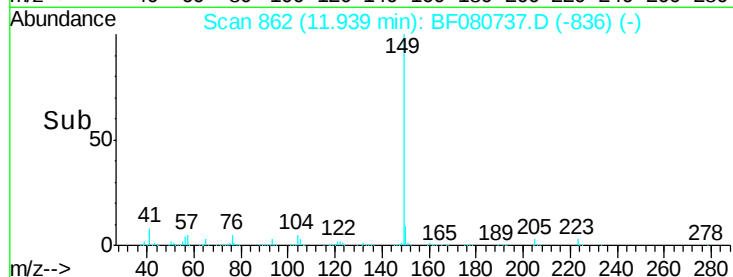
PB84765BS



Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.9	4.4	6.6

Manual Integrations
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#74

Fluoranthene

Concen: 41.30 ng

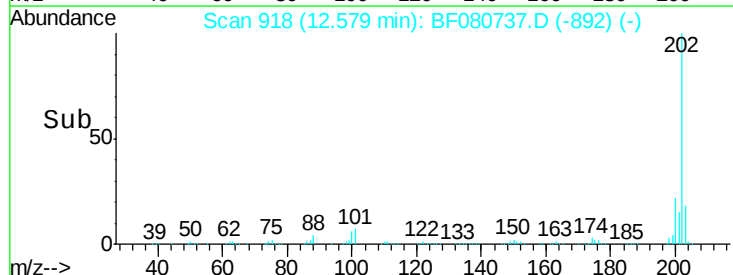
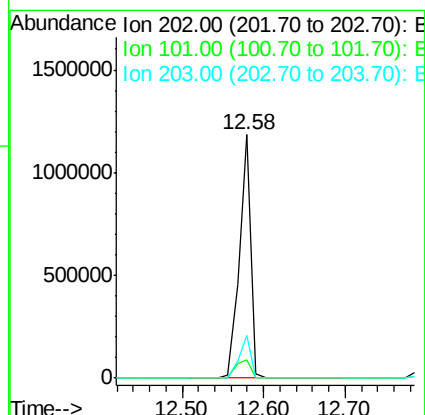
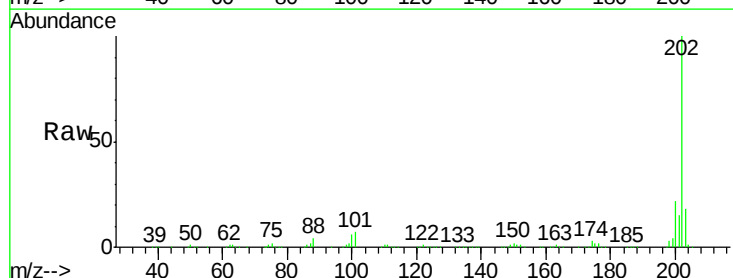
RT: 12.58 min Scan# 918

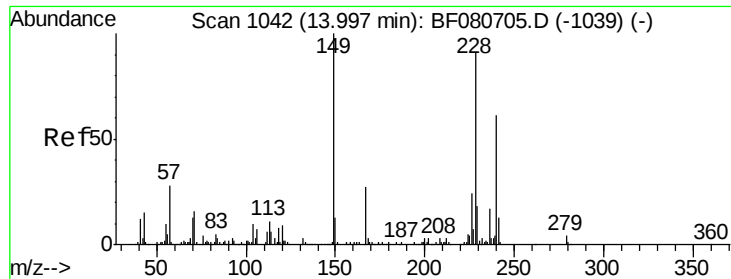
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.6
203	17.6	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Instrument :

BNA_F

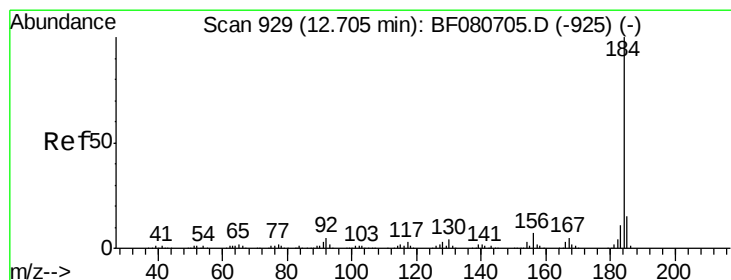
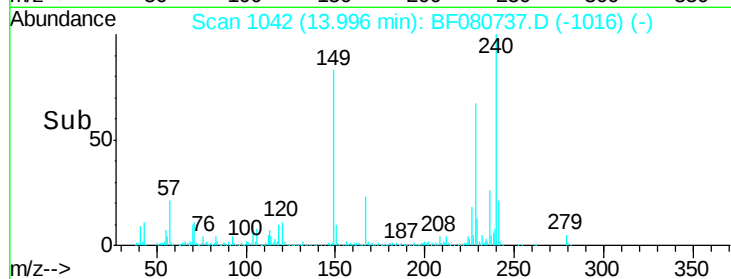
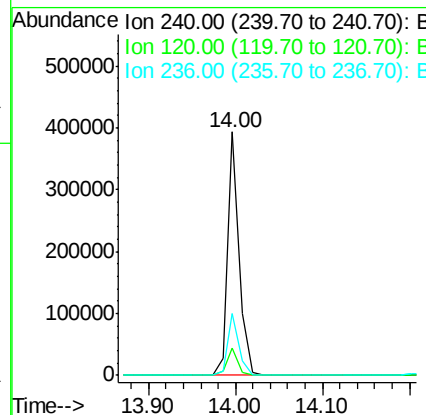
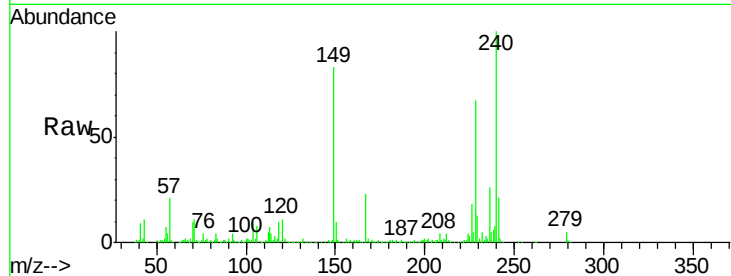
ClientSampleId :

PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	362950		
120	11.4	11.8	17.8#	
236	25.6	21.8	32.8	

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#76

Benzidine

Concen: 25.92 ng

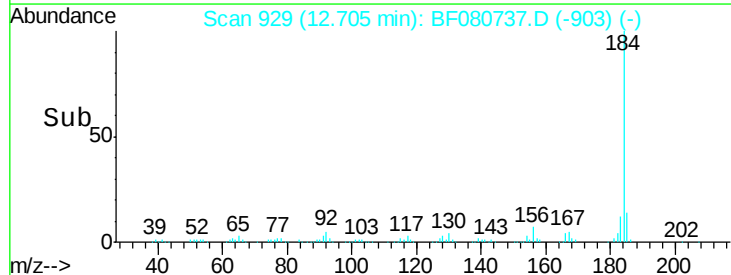
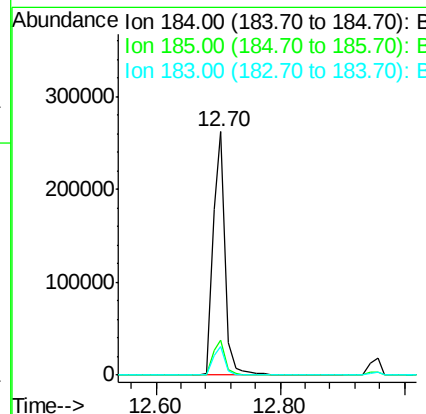
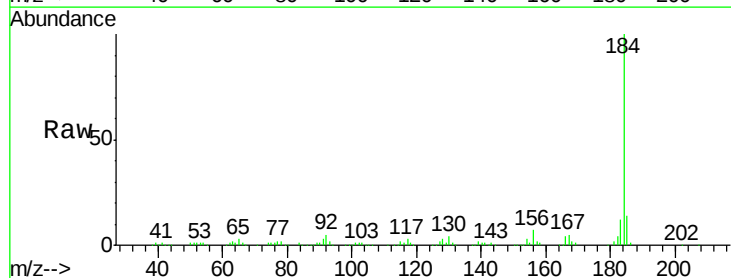
RT: 12.70 min Scan# 929

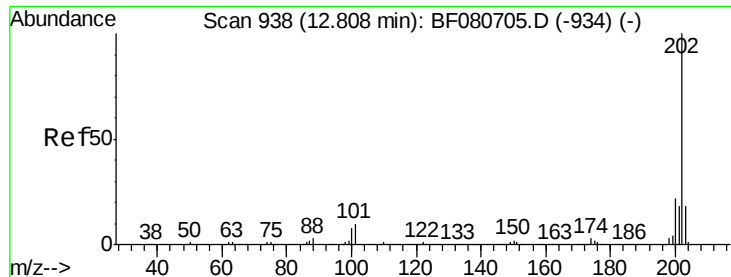
Delta R.T. -0.00 min

Lab File: BF080737.D

Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	342595		
185	14.3	12.0	18.0	
183	11.8	9.1	13.7	





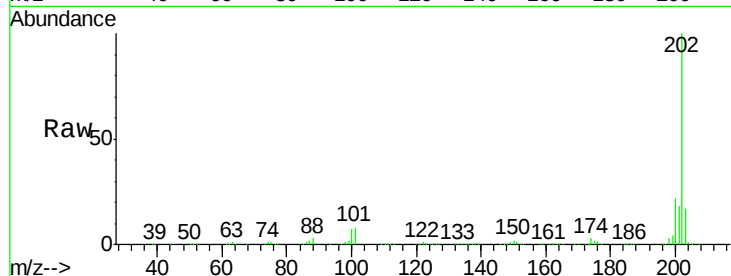
#77
 Pyrene
 Concen: 41.81 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

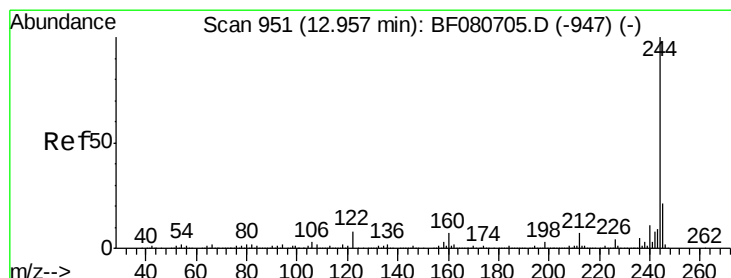
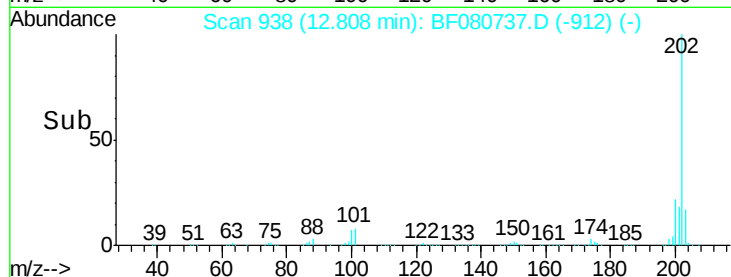
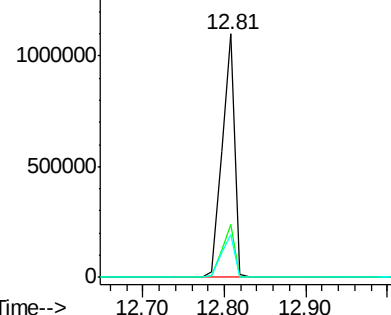
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.2	21.2

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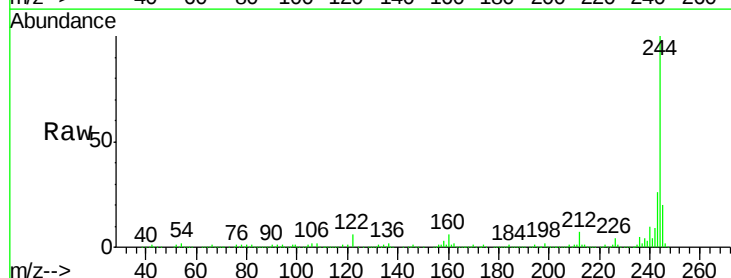


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

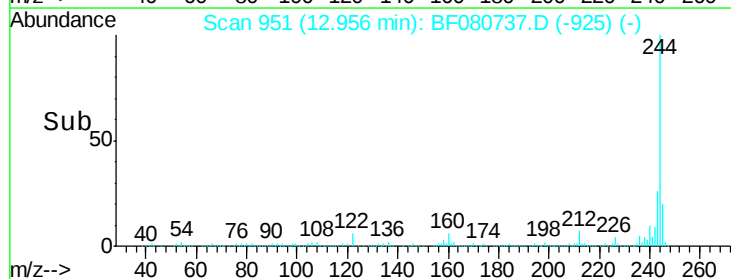
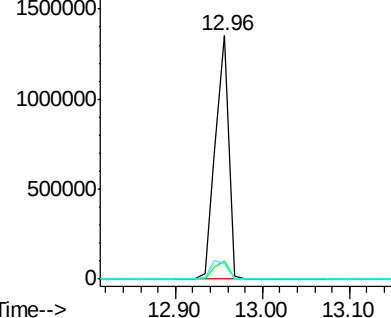


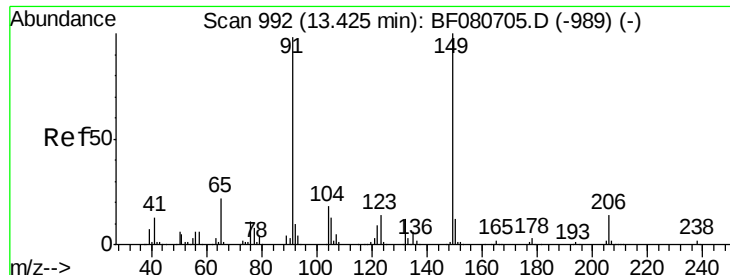
#78
 Terphenyl-d14
 Concen: 75.09 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	6.5	6.6	9.8#



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





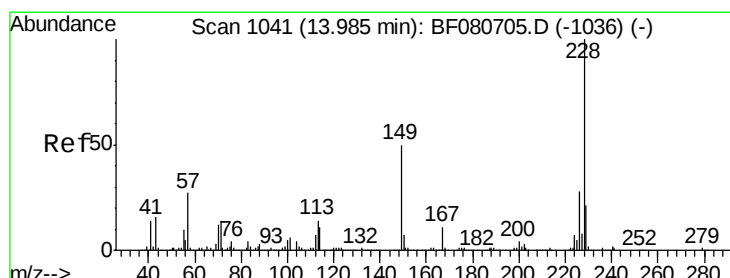
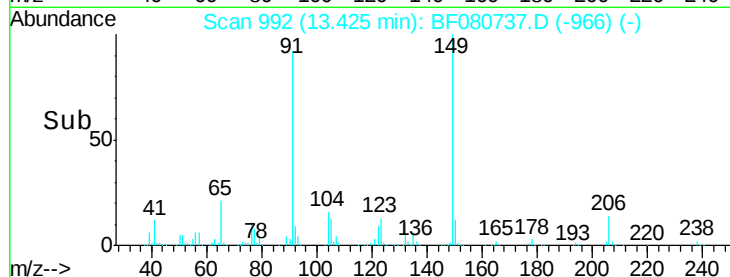
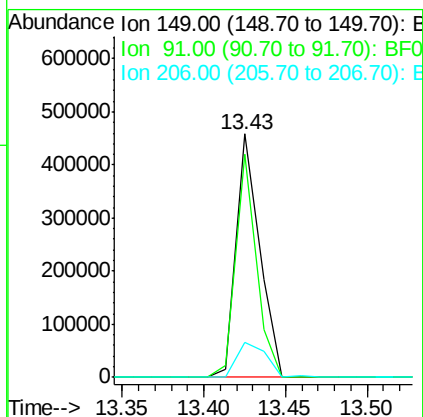
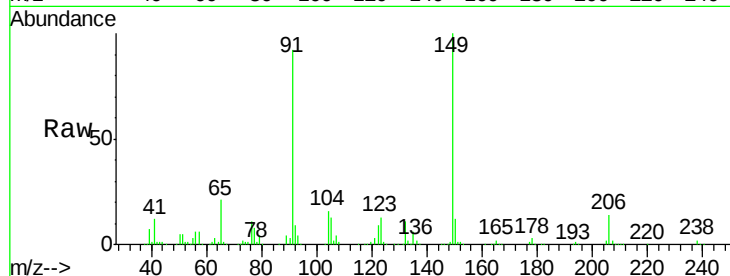
#79
Butylbenzylphthalate
Concen: 39.04 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	453243		
91	91.8	78.6	118.0	
206	14.3	11.4	17.2	

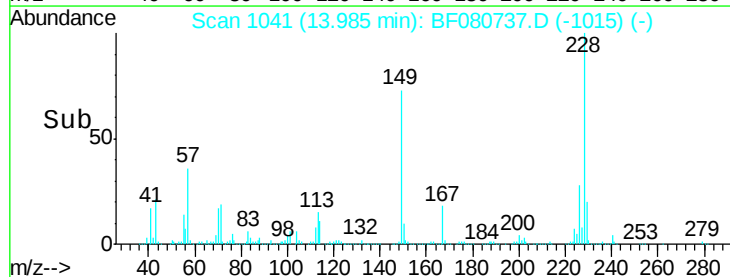
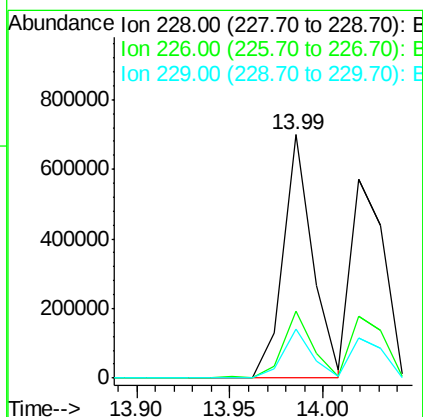
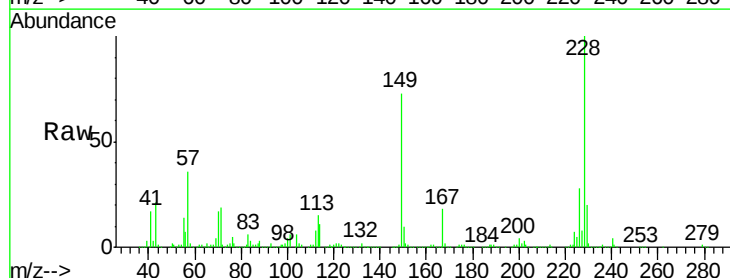
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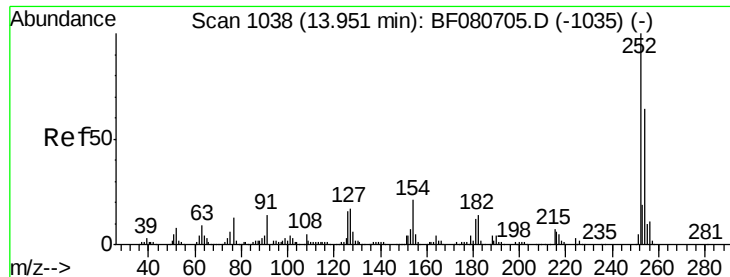
MMDadoda
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#80
Benzo(a)anthracene
Concen: 35.23 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	769061		
226	27.7	22.6	33.8	
229	20.1	16.6	25.0	





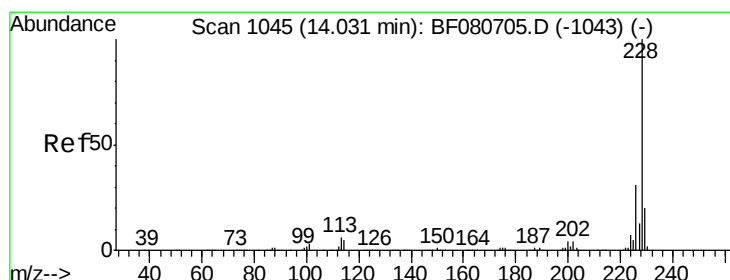
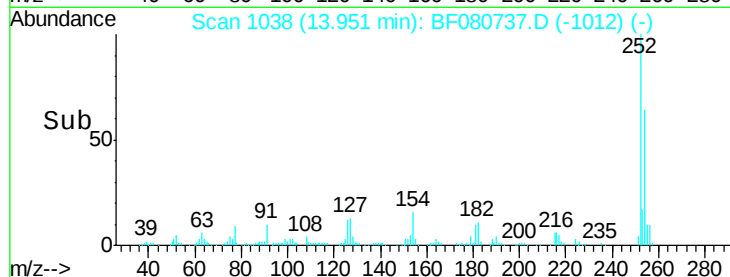
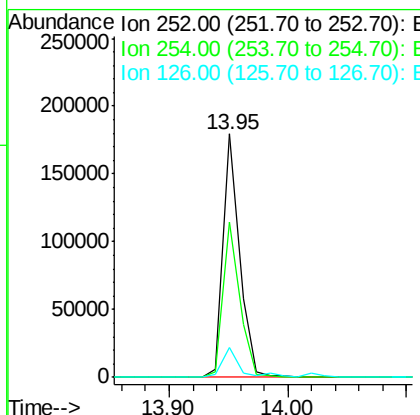
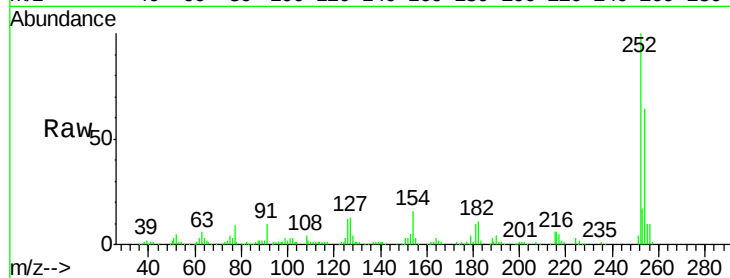
#81
 3,3'-Dichlorobenzidine
 Concen: 23.12 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	51.0	76.4
126	12.3	13.2	19.8

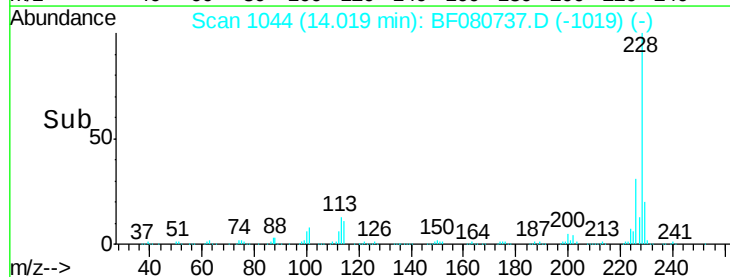
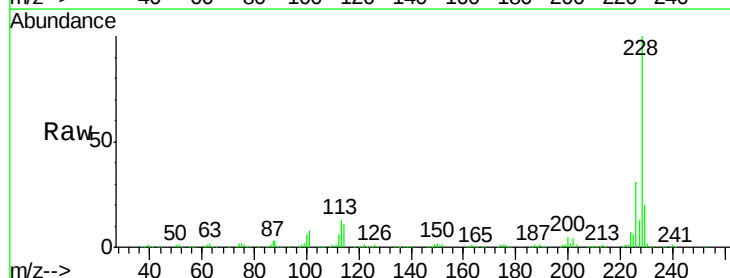
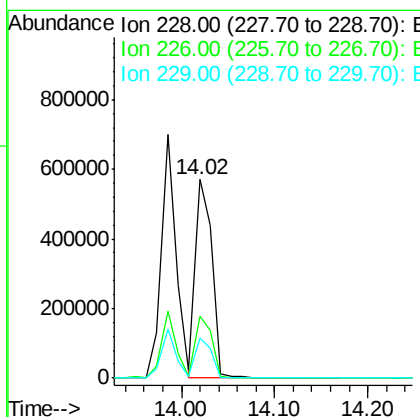
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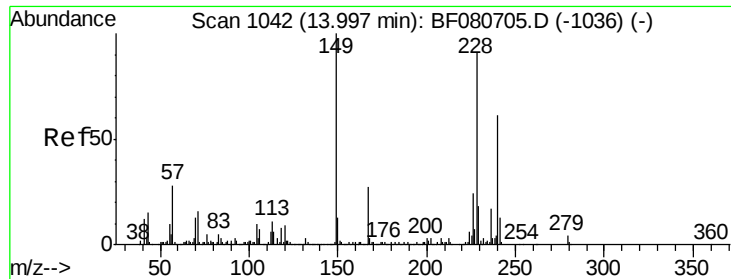
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#82
 Chrysene
 Concen: 33.49 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.1	37.7
229	20.3	15.8	23.8





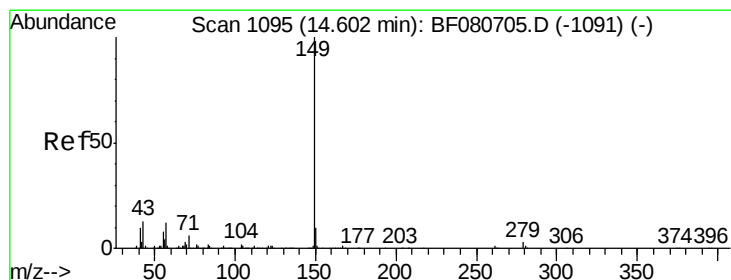
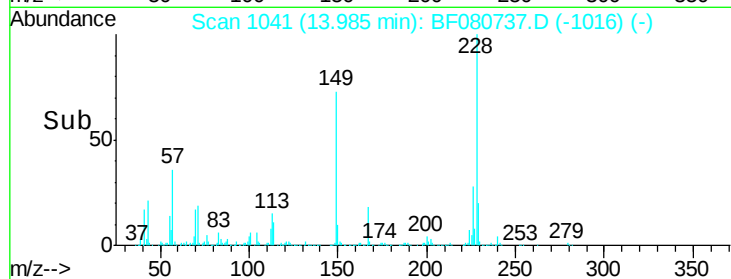
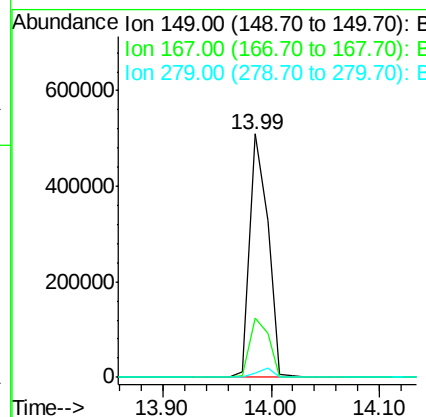
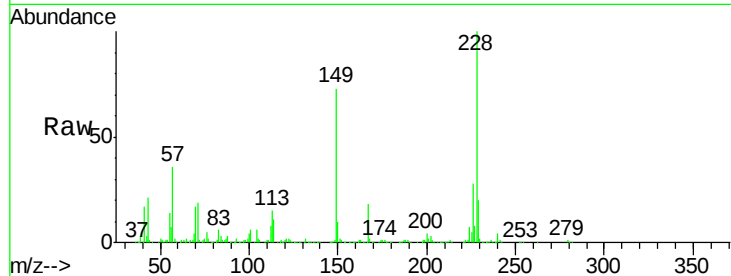
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.17 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590894		
167	24.3	21.8	32.8	
279	1.8	3.4	5.0	

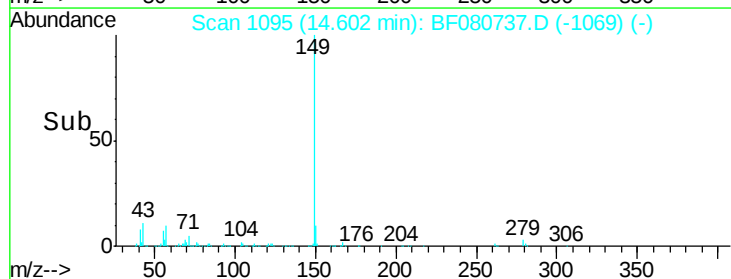
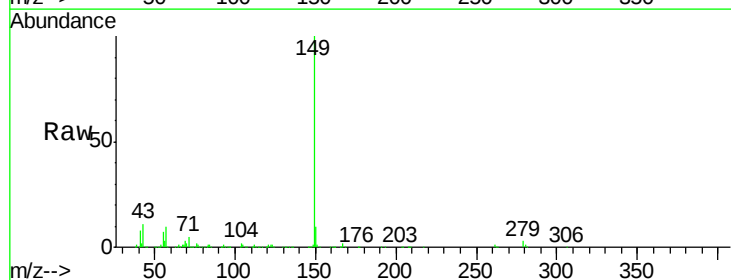
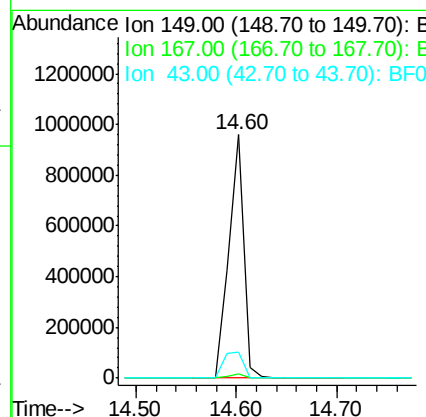
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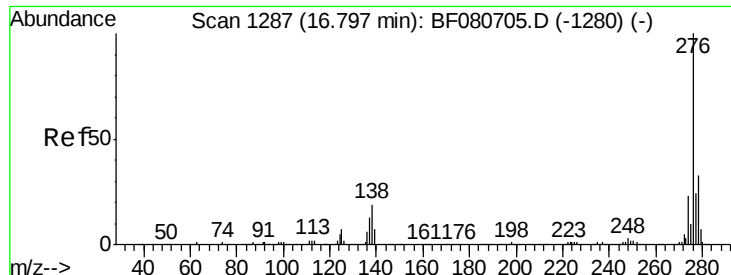
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#84
 Di-n-octyl phthalate
 Concen: 42.02 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	987376		
167	1.4	1.1	1.7	
43	14.7	12.2	18.4	





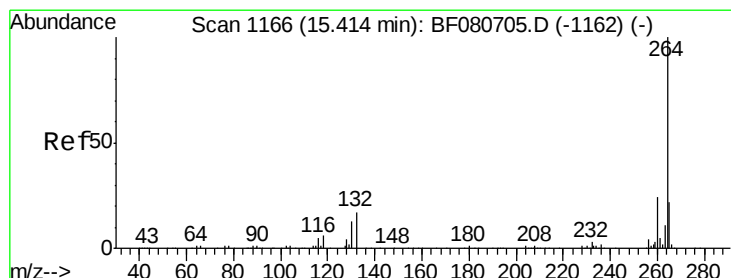
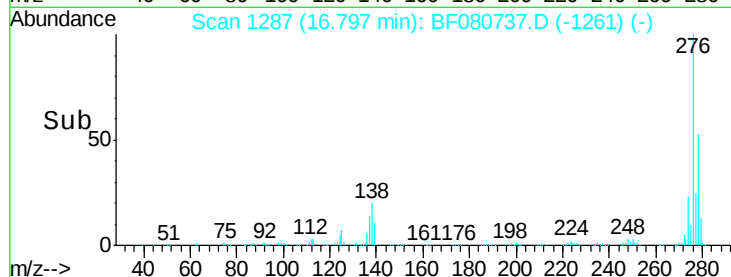
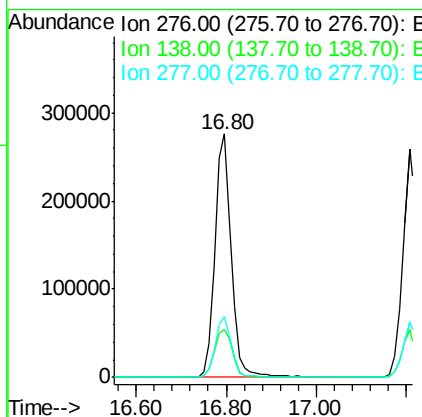
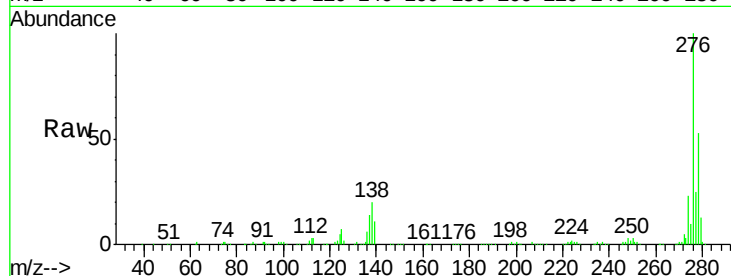
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.00 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	13.2	19.8#
277	25.0	15.4	23.2#

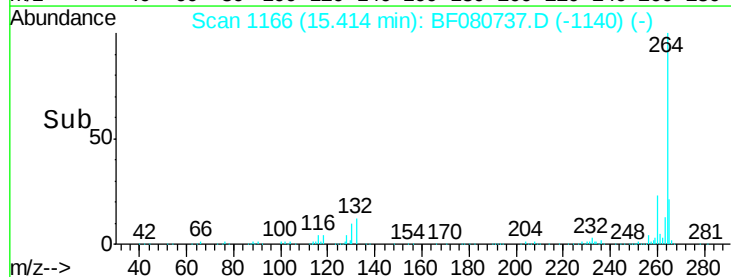
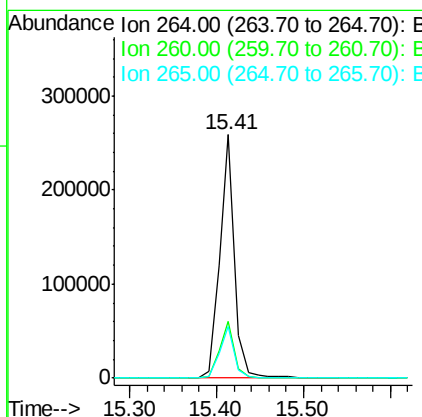
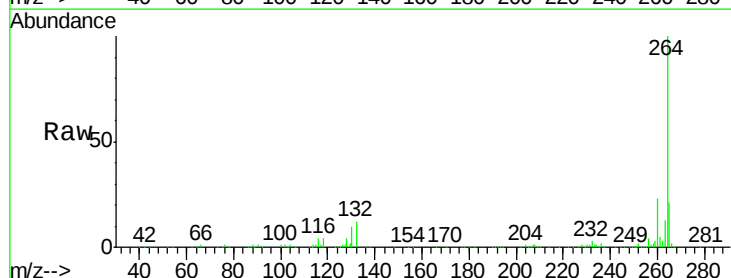
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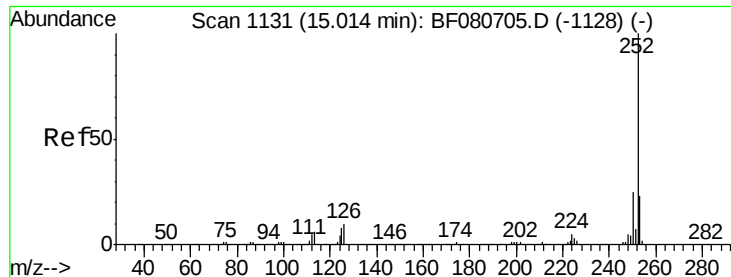
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.4	17.3	25.9





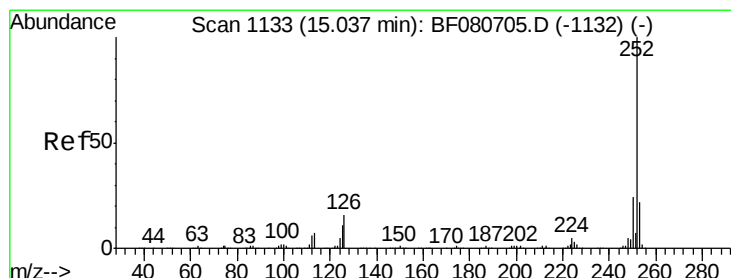
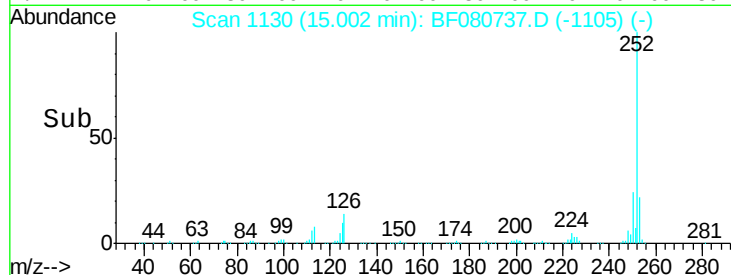
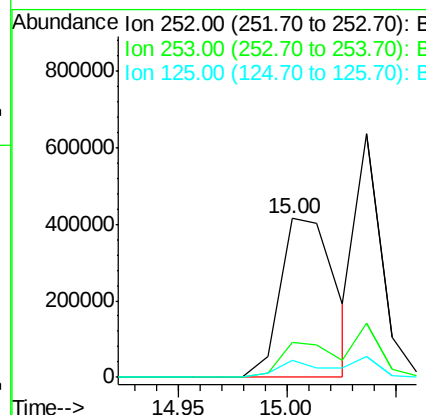
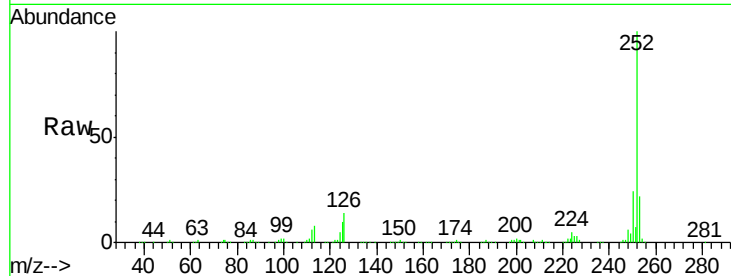
#87
Benzo(b)fluoranthene
Concen: 40.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.4	6.2	9.2

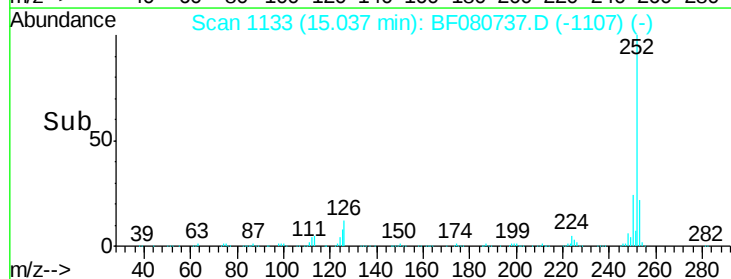
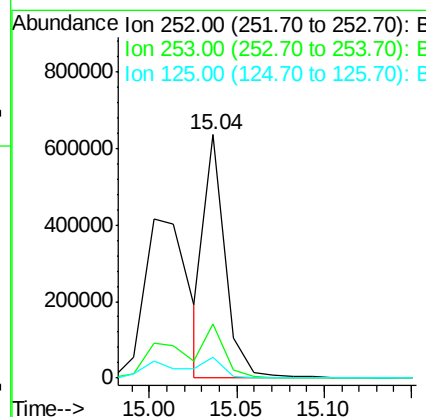
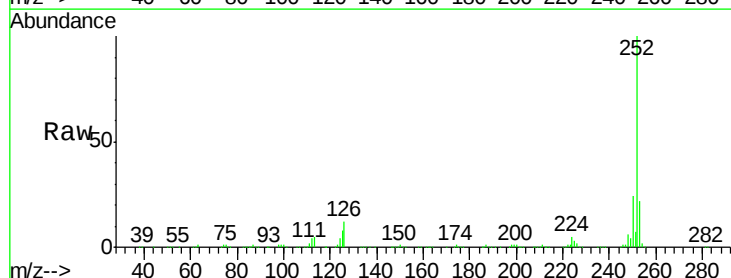
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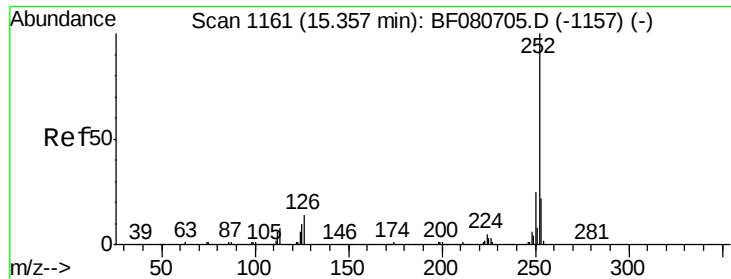
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#88
Benzo(k)fluoranthene
Concen: 35.17 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.3	9.0	13.4





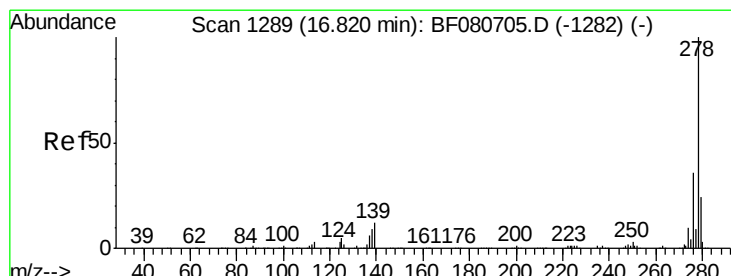
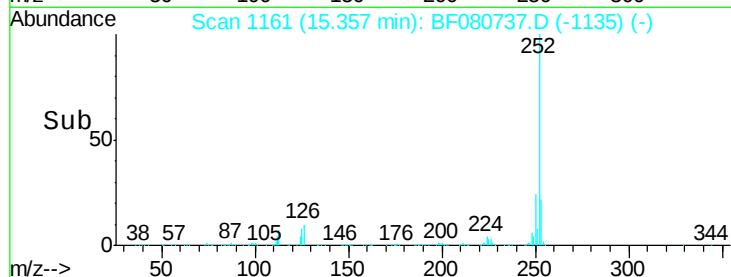
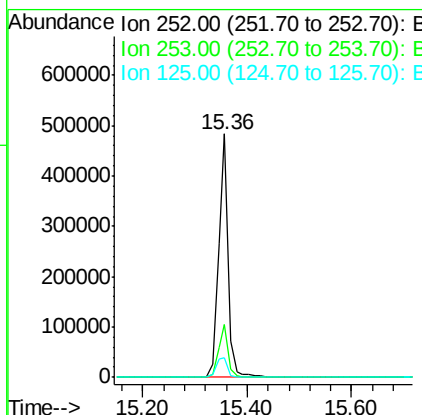
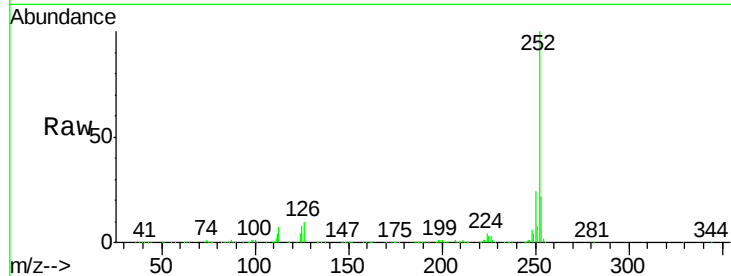
#89
Benzo(a)pyrene
Concen: 40.42 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.3	8.2	12.4

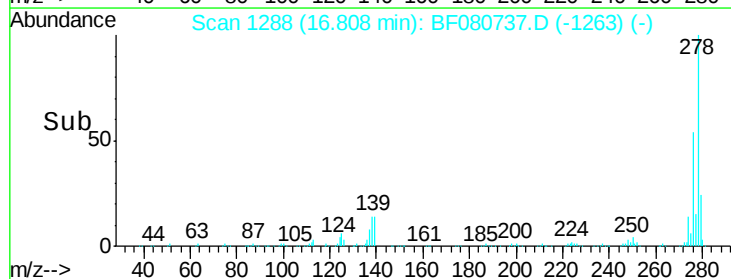
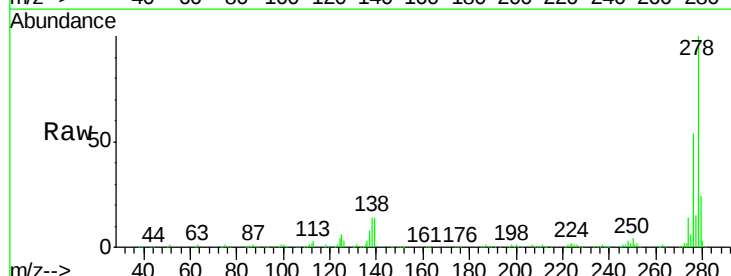
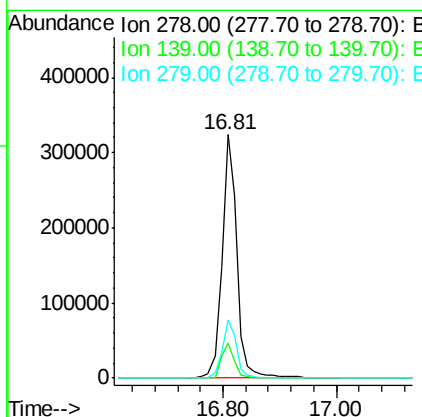
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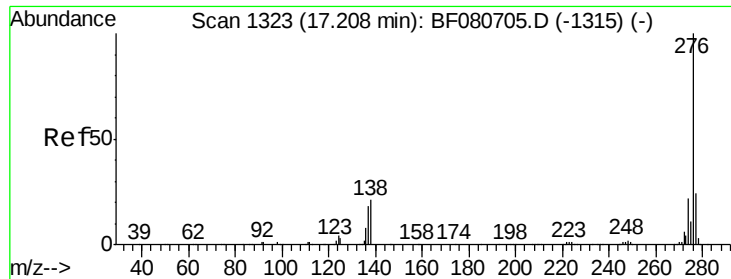
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 43.75 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080737.D
Acq: 31 Jul 2015 16:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.8	14.8
279	23.7	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 43.38 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080737.D
 Acq: 31 Jul 2015 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BS

Tgt Ion:	276	Resp:	572000
Ion Ratio		Lower	Upper
276	100		
277	24.2	18.9	28.3
138	20.9	16.9	25.3

Manual Integrations
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