

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091217\
 Data File : BF098454.D
 Acq On : 12 Sep 2017 17:03
 Operator : SJ/JU
 Sample : PB102265BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Manual Integrations
 APPROVED

Sohil
 9/18/2017 5:10:53 PM

Quant Time: Sep 13 01:34:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	221563	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	911590	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	393456	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	622725	20.00	ng	0.00
75) Chrysene-d12	13.82	240	390857	20.00	ng	0.00
86) Perylene-d12	15.21	264	345690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1845926	123.18	ng	0.01
7) Phenol-d6	6.32	99	2233324	117.38	ng	0.00
23) Nitrobenzene-d5	7.24	82	1430630	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	352271	134.15	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2215234	95.43	ng	0.00
78) Terphenyl-d14	12.76	244	1496729	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	260852	33.726	ng	90
3) Pyridine	3.06	79	768926	37.435	ng	87
4) n-Nitrosodimethylamine	3.03	42	383979	38.131	ng	100
6) Aniline	6.33	93	543174	22.756	ng	# 1
8) 2-Chlorophenol	6.46	128	666358	40.439	ng	96
9) Benzaldehyde	6.21	77	432185	34.748	ng	93
10) Phenol	6.33	94	834284	37.751	ng	79
11) bis(2-Chloroethyl)ether	6.41	93	663361	39.812	ng	95
12) 1,3-Dichlorobenzene	6.60	146	677284	40.835	ng	97
13) 1,4-Dichlorobenzene	6.68	146	682595	40.179	ng	95
14) 1,2-Dichlorobenzene	6.83	146	630249	40.719	ng	99
15) Benzyl Alcohol	6.82	79	523072	41.308	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1063955	38.808	ng	54
17) 2-Methylphenol	6.94	107	557404	41.483	ng	# 89
18) Hexachloroethane	7.17	117	246238	37.847	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	475519	39.733	ng	99
20) 3+4-Methylphenols	7.10	107	719189	42.413	ng	# 65
22) Acetophenone	7.08	105	941186	39.947	ng	# 92
24) Nitrobenzene	7.26	77	736682	39.553	ng	95
25) Isophorone	7.50	82	1314798	39.742	ng	98
26) 2-Nitrophenol	7.57	139	339827	45.189	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	592380	41.322	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	844108	41.814	ng	99
29) 2,4-Dichlorophenol	7.82	162	526447	44.155	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	565497	43.602	ng	99
31) Naphthalene	7.97	128	1871968	41.539	ng	99
32) Benzoic acid	7.77	122	304455	34.372	ng	99
33) 4-Chloroaniline	8.03	127	285034	15.563	ng	96
34) Hexachlorobutadiene	8.09	225	286210	42.987	ng	99
35) Caprolactam	8.41	113	183817m	44.709	ng	
36) 4-Chloro-3-methylphenol	8.53	107	597284	40.395	ng	# 83
37) 2-Methylnaphthalene	8.66	142	1198781	43.916	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	496425	40.505	ng	99
40) Hexachlorocyclopentadiene	8.81	237	143773	44.966	ng	99

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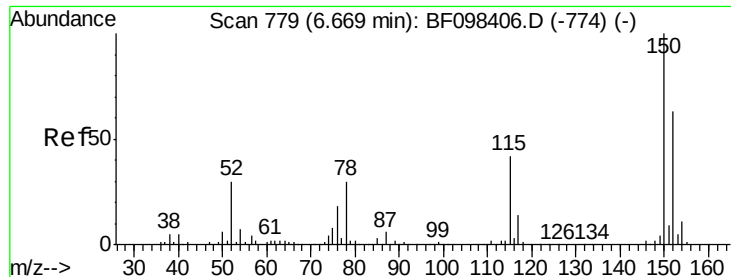
Manual Integrations
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Quant Time: Sep 13 01:34:00 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	328651	45.653	ng	92
43) 2,4,5-Trichlorophenol	8.99	196	342877	45.569	ng	95
45) 1,1'-Biphenyl	9.13	154	1404421	39.879	ng	97
46) 2-Chloronaphthalene	9.15	162	1070440	42.561	ng	94
47) 2-Nitroaniline	9.26	65	417817	43.282	ng	97
48) Acenaphthylene	9.56	152	1511268	40.413	ng	99
49) Dimethylphthalate	9.43	163	1300282	42.693	ng	99
50) 2,6-Dinitrotoluene	9.50	165	274590	43.891	ng #	74
51) Acenaphthene	9.73	154	969734	40.795	ng	98
52) 3-Nitroaniline	9.66	138	176968	23.433	ng	98
53) 2,4-Dinitrophenol	9.78	184	38313	20.100	ng #	74
54) Dibenzofuran	9.90	168	1335615	42.650	ng	98
55) 4-Nitrophenol	9.85	139	350524	80.787	ng #	45
56) 2,4-Dinitrotoluene	9.90	165	308712	40.589	ng #	48
57) Fluorene	10.25	166	1020817	39.383	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	240273	47.515	ng	97
59) Diethylphthalate	10.13	149	1212338	41.855	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	493259	41.200	ng	91
61) 4-Nitroaniline	10.28	138	251958	33.036	ng	88
62) Azobenzene	10.40	77	1251646	40.093	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	38980	14.114	ng	78
65) n-Nitrosodiphenylamine	10.36	169	958957	47.426	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	291424	49.308	ng	96
67) Hexachlorobenzene	10.79	284	268003	44.705	ng #	82
68) Atrazine	10.89	200	295264	47.432	ng	97
69) Pentachlorophenol	10.99	266	228970	85.737	ng	97
70) Phenanthrene	11.20	178	1426547	43.212	ng	99
71) Anthracene	11.26	178	1447495	42.707	ng	99
72) Carbazole	11.42	167	1243389	39.363	ng	99
73) Di-n-butylphthalate	11.74	149	1711782	45.229	ng	100
74) Fluoranthene	12.39	202	1277624	38.660	ng	98
76) Benzidine	12.52	184	832912	48.151	ng #	93
77) Pyrene	12.62	202	1293200	41.942	ng	99
79) Butylbenzylphthalate	13.24	149	612396	45.782	ng #	83
80) Benzo(a)anthracene	13.80	228	985442	43.004	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	371156	41.678	ng #	97
82) Chrysene	13.84	228	983024	42.439	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	773842	46.096	ng #	98
84) Di-n-octyl phthalate	14.40	149	1380617	47.934	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	709755	43.674	ng	98
87) Benzo(b)fluoranthene	14.82	252	955914	43.978	ng	98
88) Benzo(k)fluoranthene	14.84	252	866321	42.693	ng	98
89) Benzo(a)pyrene	15.16	252	848544	43.820	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	594858	42.229	ng	96
91) Benzo(g,h,i)perylene	16.96	276	567425	40.049	ng	98

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



#1

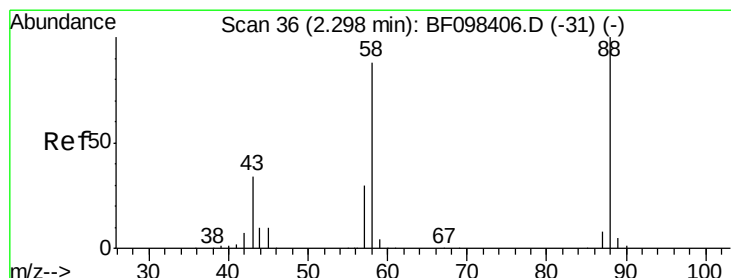
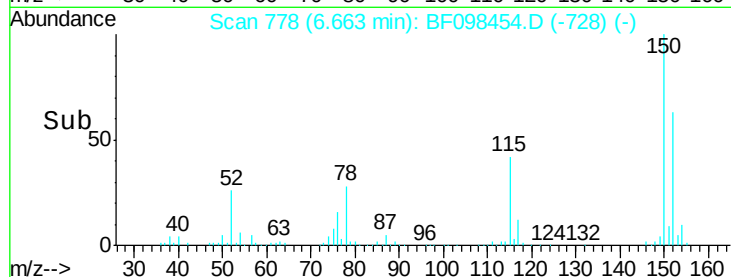
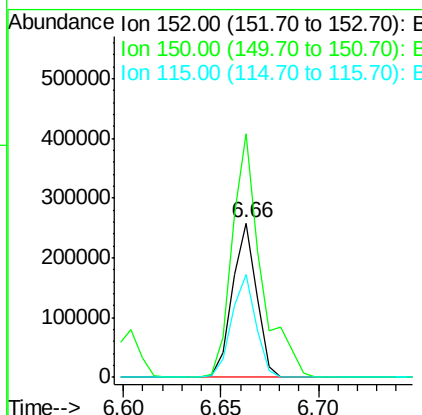
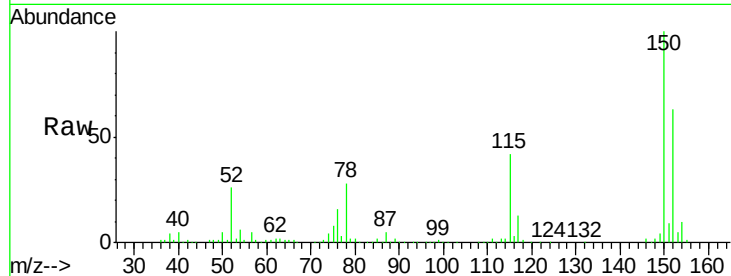
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampled :
PB102265BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	66.3	52.2	78.2

Manual Integrations
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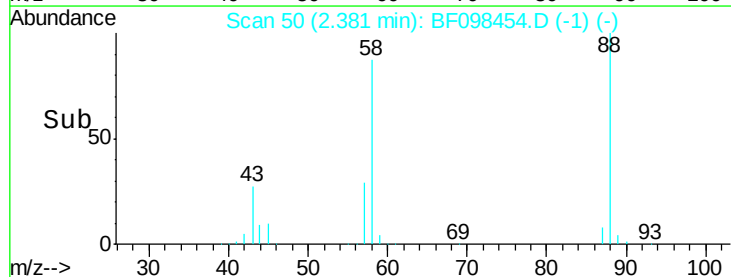
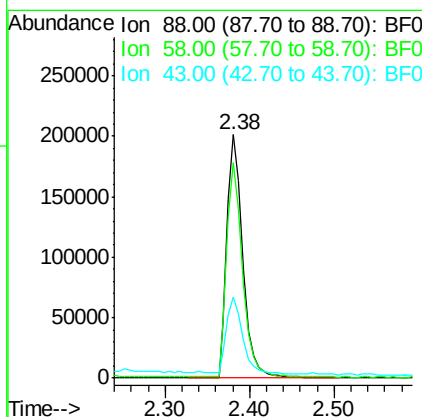
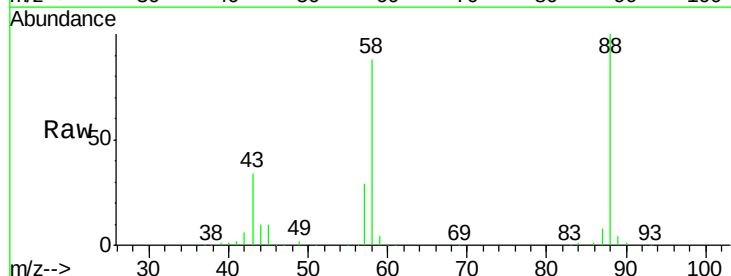
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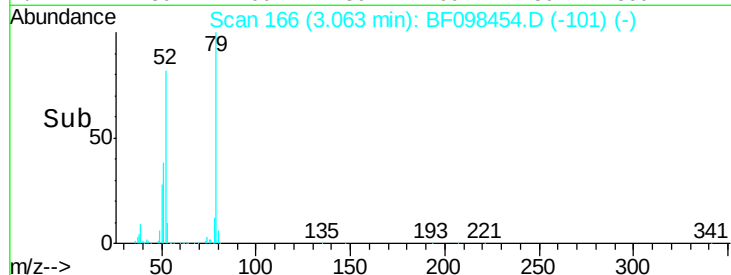
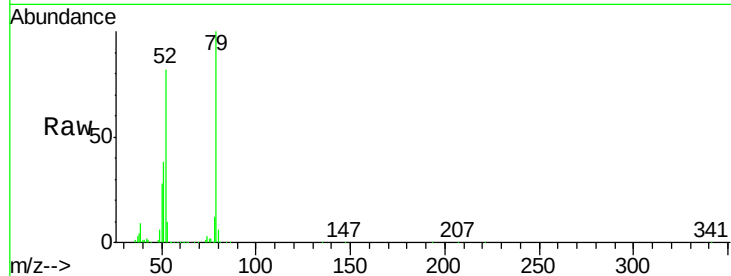
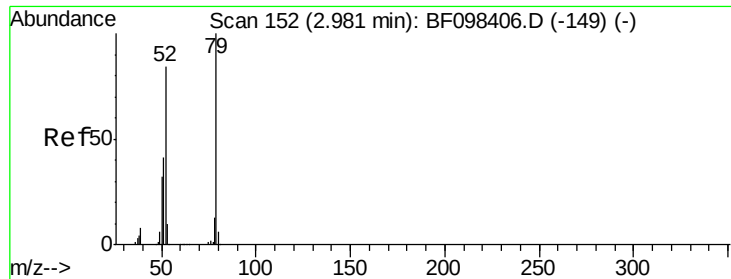


#2

1,4-Dioxane
Concen: 33.726 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.08 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	61.4	92.0
43	32.4	23.4	35.0





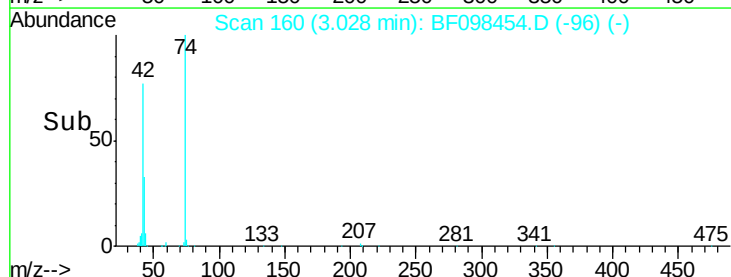
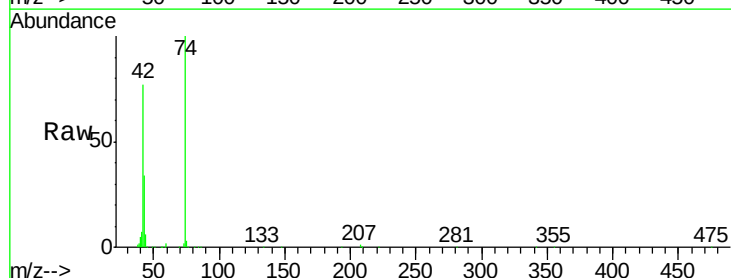
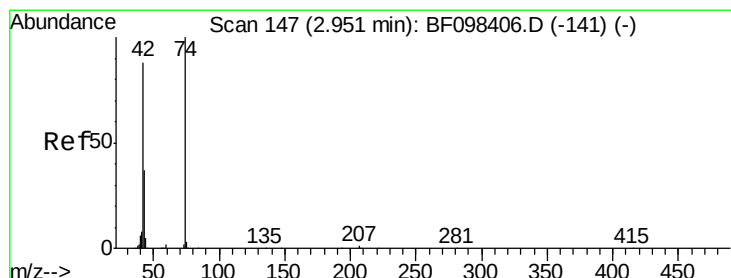
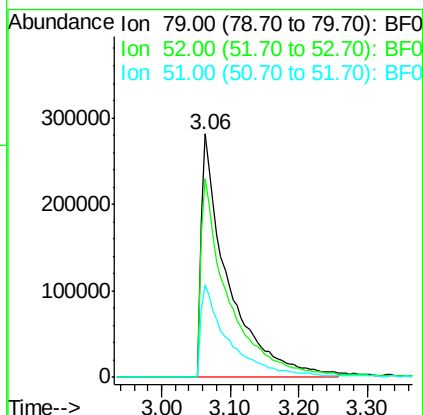
#3
 Pyridine
 Concen: 37.435 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.08 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.7	54.8	82.2
51	37.8	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

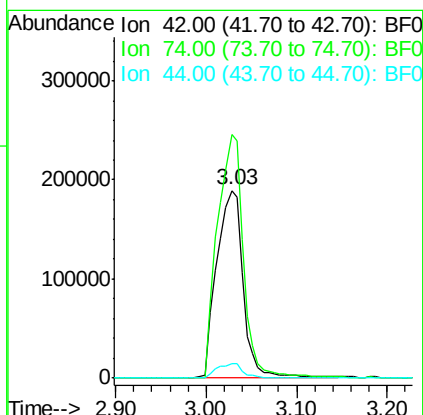
Manual Integrations
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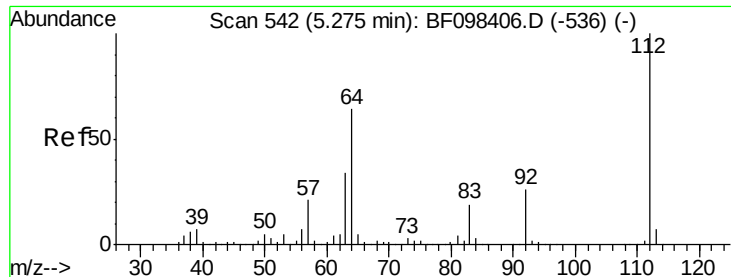
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#4
 n-Nitrosodimethylamine
 Concen: 38.131 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.08 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.8	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 123.181 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion: 112 Resp: 1845926

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

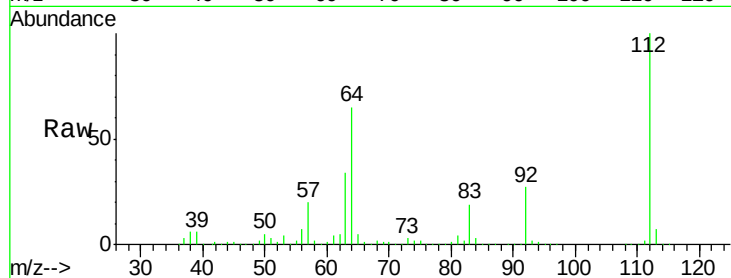
63 33.5 23.4 35.0

Manual Integrations

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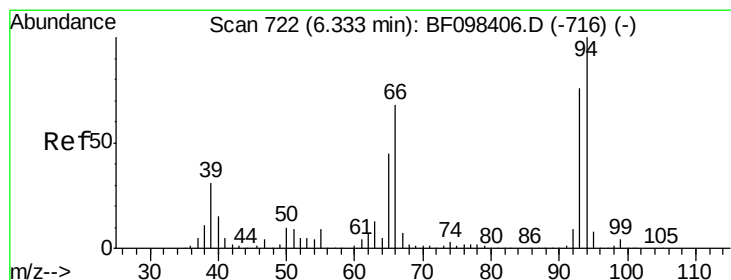
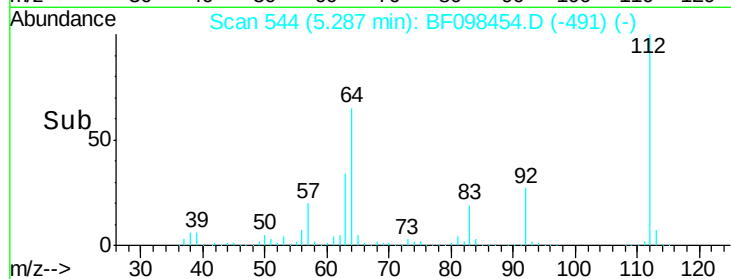
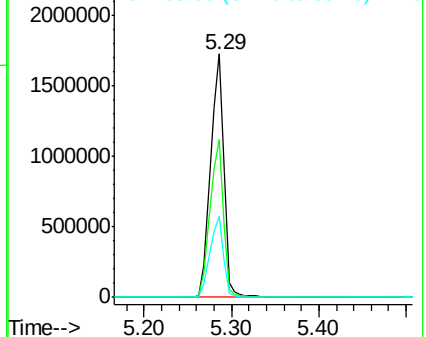
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.756 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

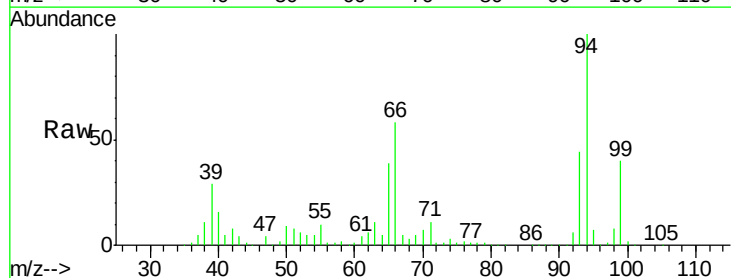
Tgt Ion: 93 Resp: 543174

Ion Ratio Lower Upper

93 100

66 132.2 32.9 49.3#

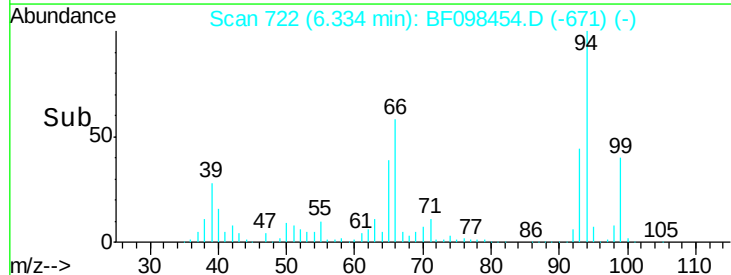
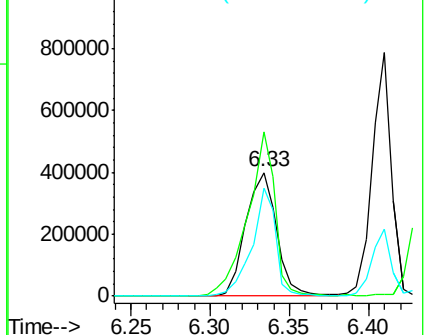
65 87.4 16.0 24.0#

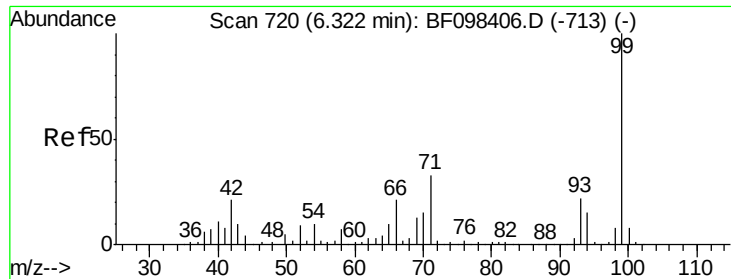


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.380 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion: 99 Resp: 2233324

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

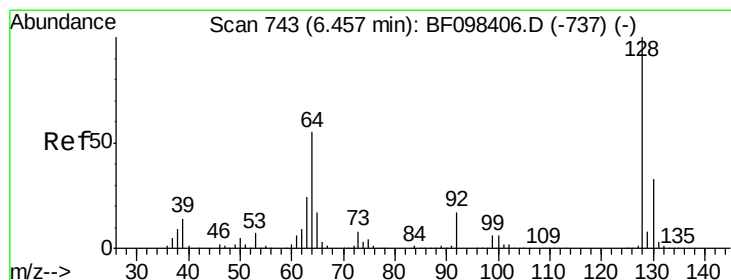
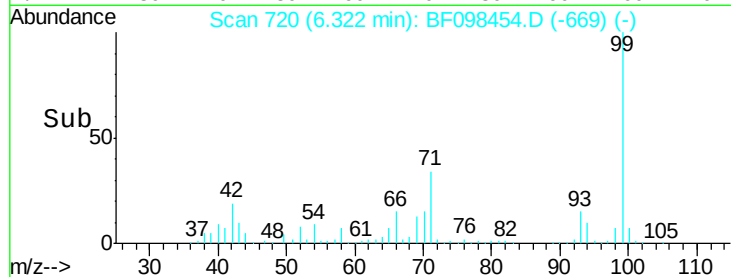
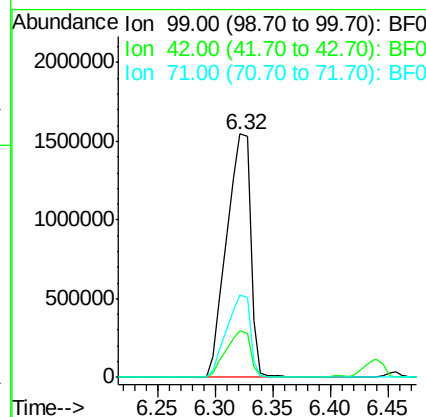
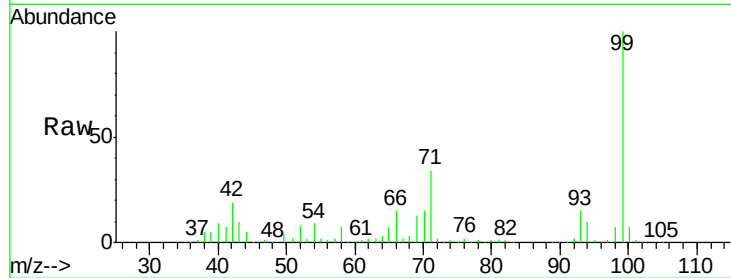
71 33.8 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.439 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

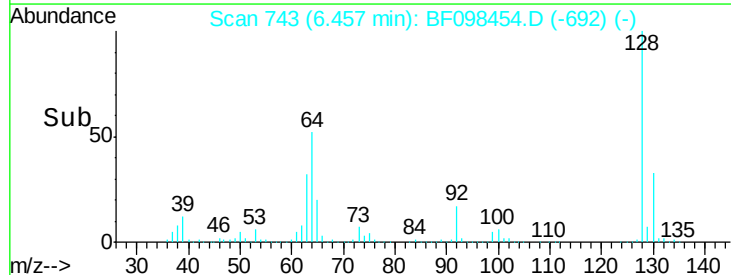
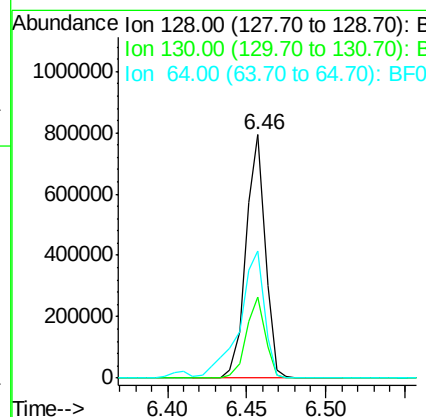
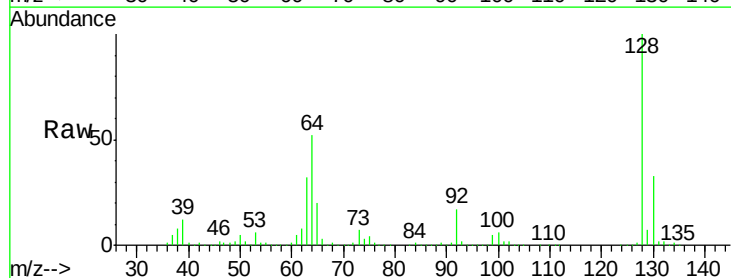
Tgt Ion: 128 Resp: 666358

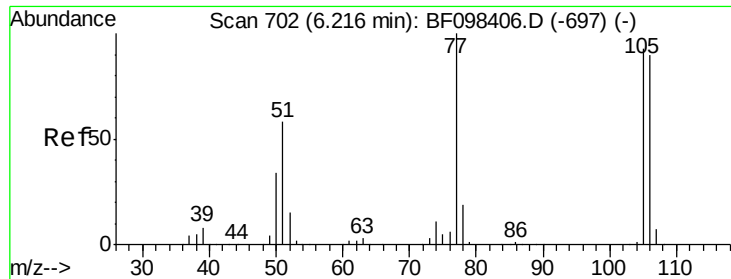
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 52.3 28.4 68.4





#9

Benzaldehyde

Concen: 34.748 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

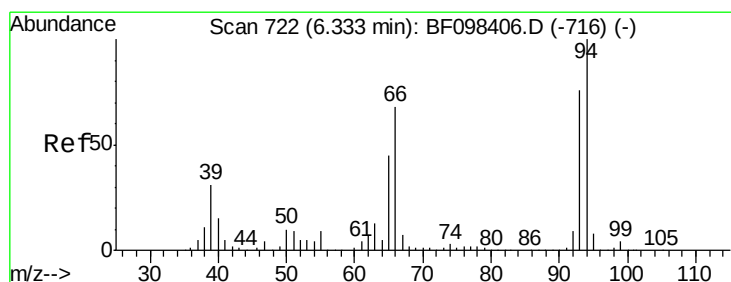
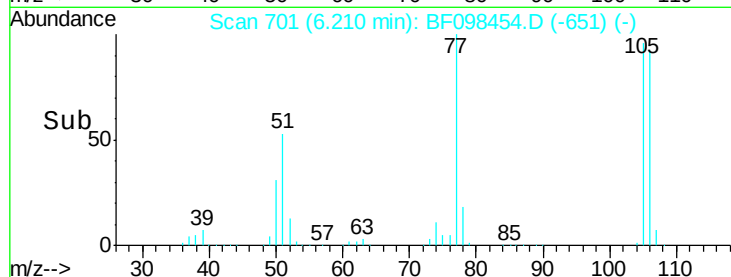
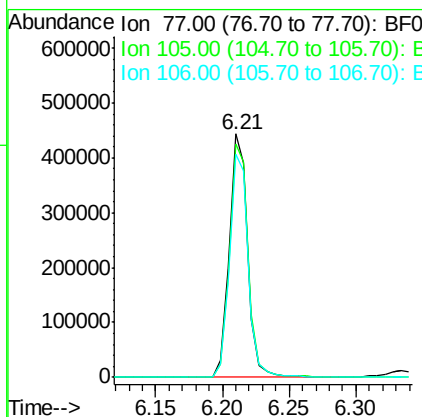
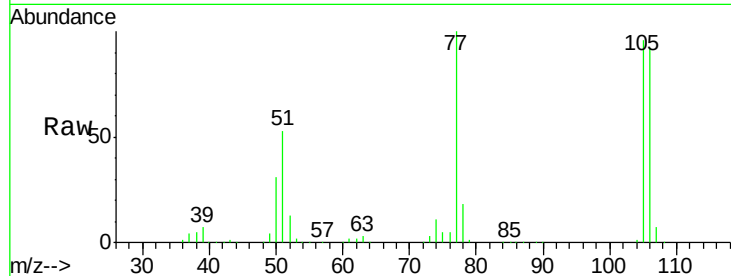
ClientSampleId :

PB102265BS

Tgt Ion:	77	Resp:	432185
Ion	Ratio	Lower	Upper
77	100		
105	96.0	83.8	123.8
106	91.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.751 ng

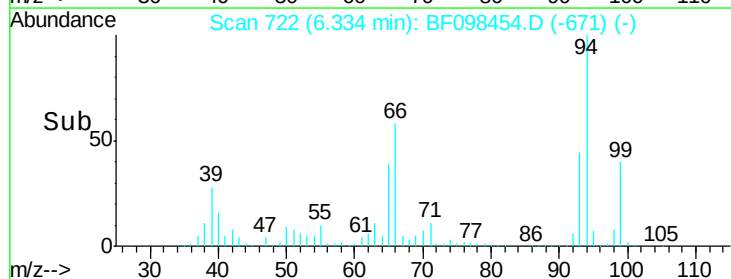
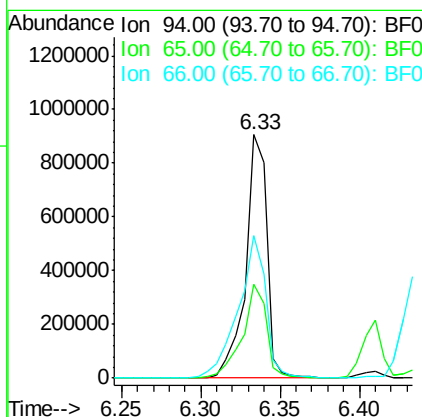
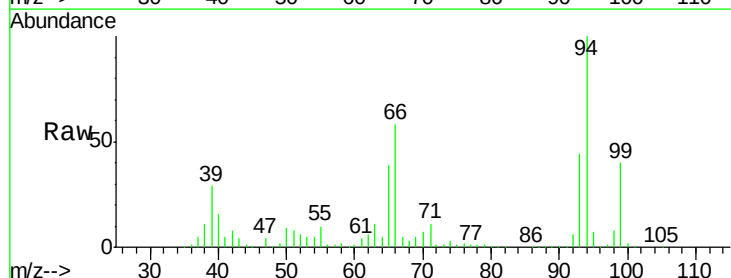
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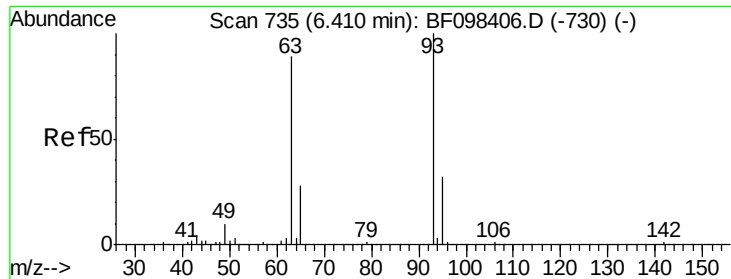
Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion:	94	Resp:	834284
Ion	Ratio	Lower	Upper
94	100		
65	38.6	9.9	49.9
66	58.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.812 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

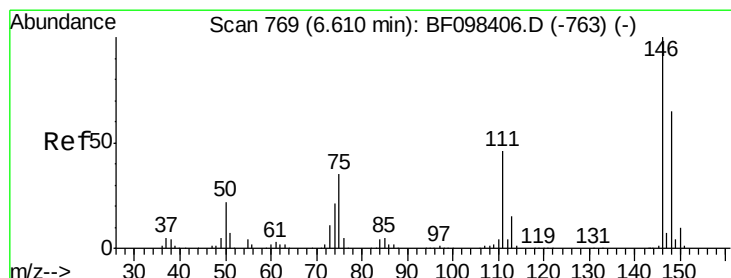
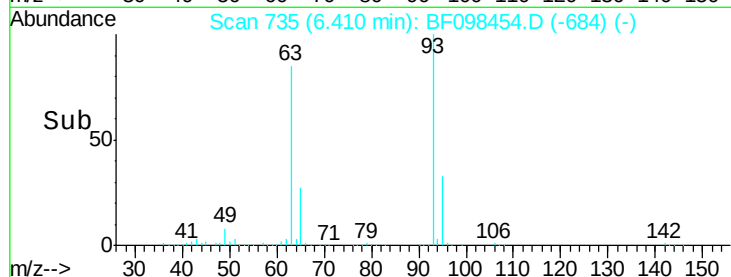
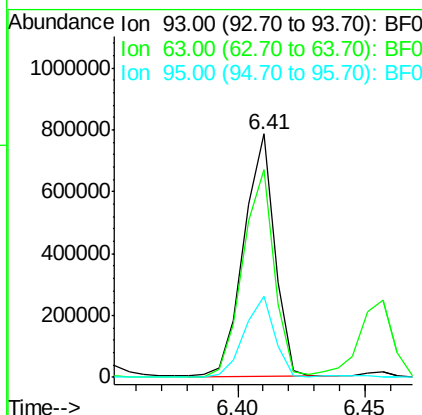
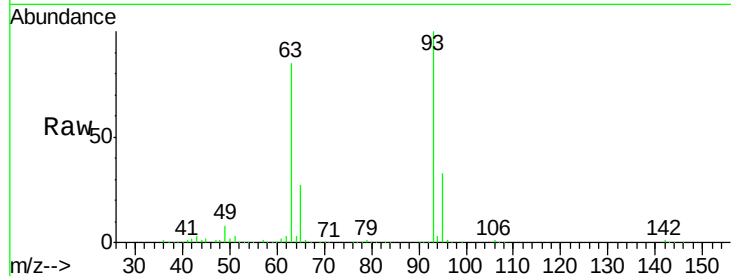
ClientSampleId :

PB102265BS

Tgt Ion:	93	Resp:	663361
Ion Ratio	Lower	Upper	
93	100		
63	85.3	59.2	99.2
95	33.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.835 ng

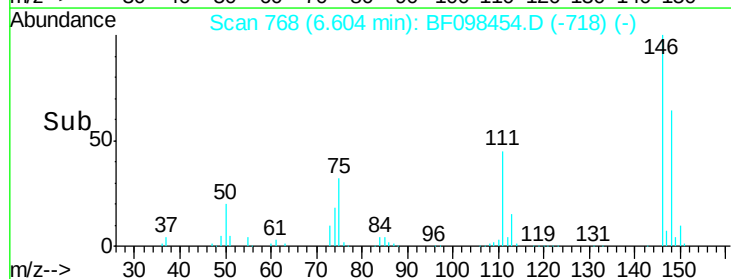
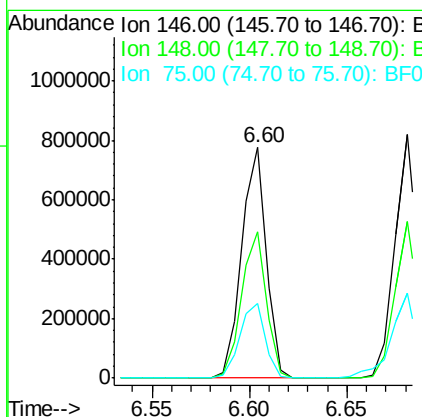
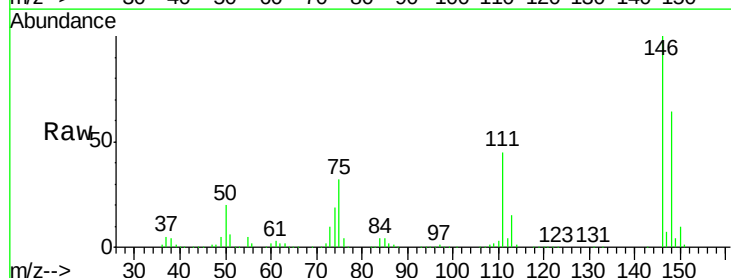
RT: 6.60 min Scan# 768

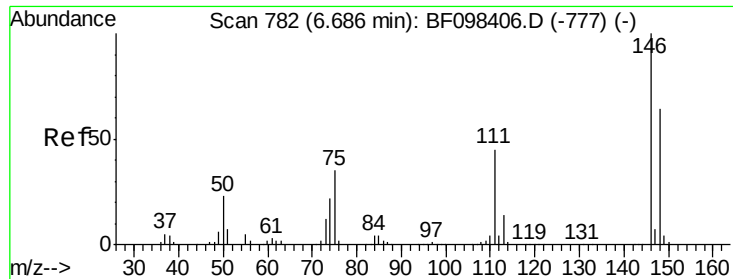
Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion:	146	Resp:	677284
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.6
75	32.1	23.1	34.7





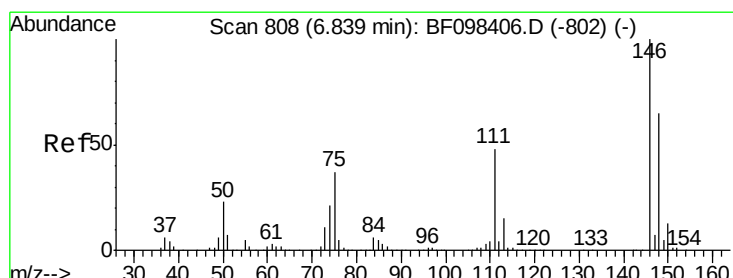
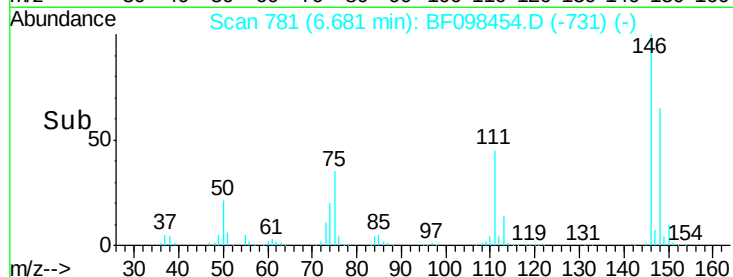
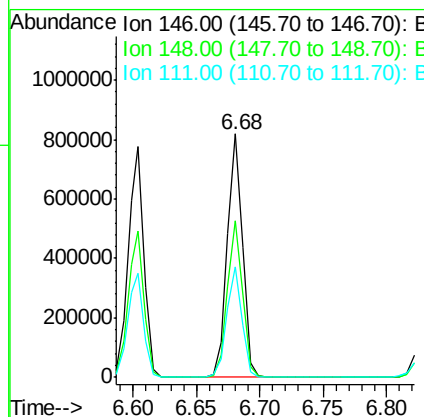
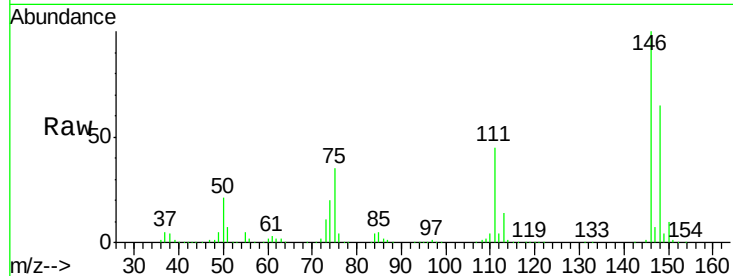
#13
 1,4-Dichlorobenzene
 Concen: 40.179 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	682595		
148	64.6	52.2	78.2	
111	45.2	30.3	45.5	

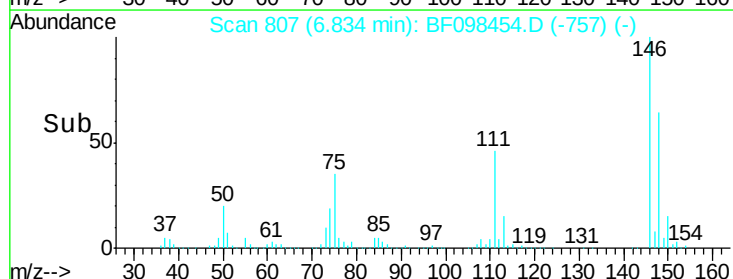
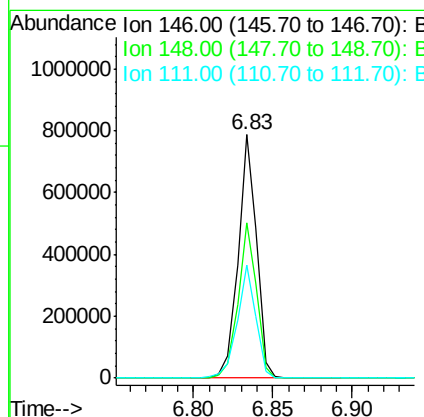
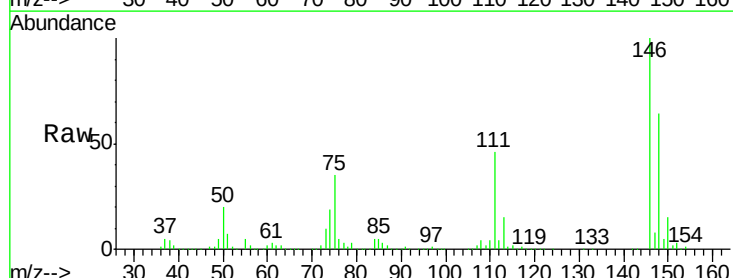
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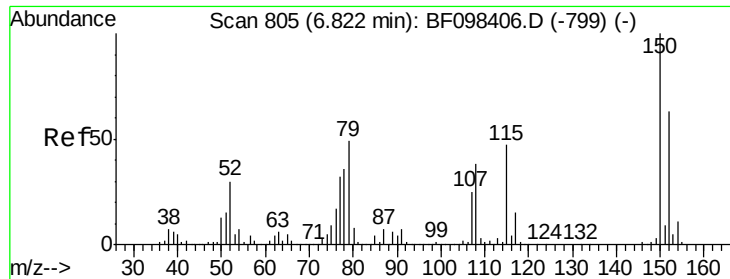
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#14
 1,2-Dichlorobenzene
 Concen: 40.719 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	630249		
148	63.7	50.4	75.6	
111	46.3	38.2	57.4	





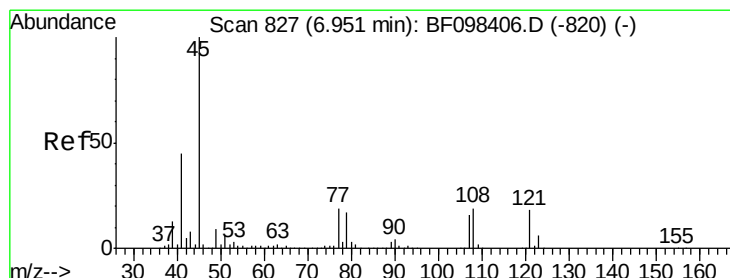
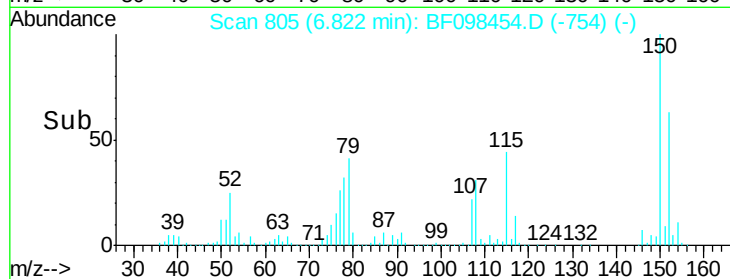
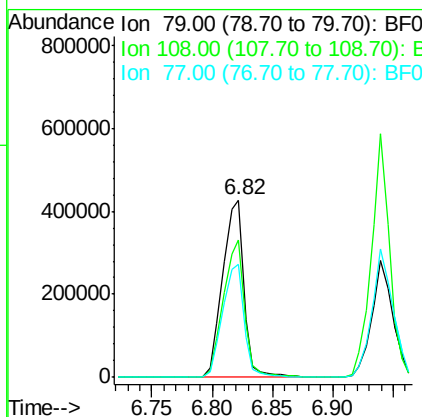
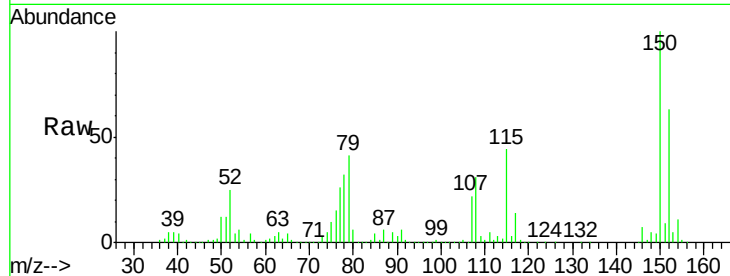
#15
Benzyl Alcohol
Concen: 41.308 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion: 79 Resp: 523072
Ion Ratio Lower Upper
79 100
108 77.5 63.4 95.0
77 63.7 49.2 73.8

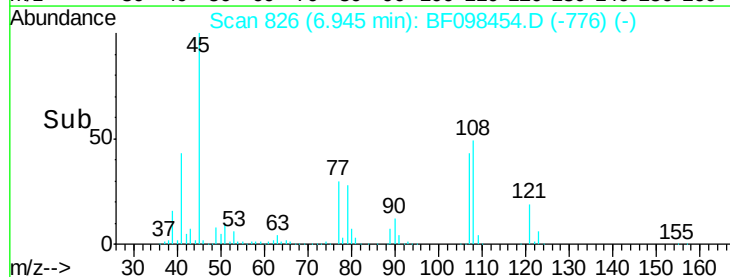
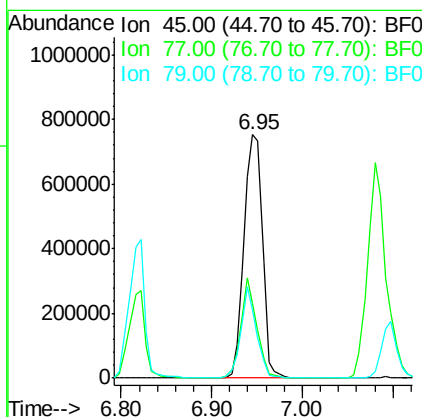
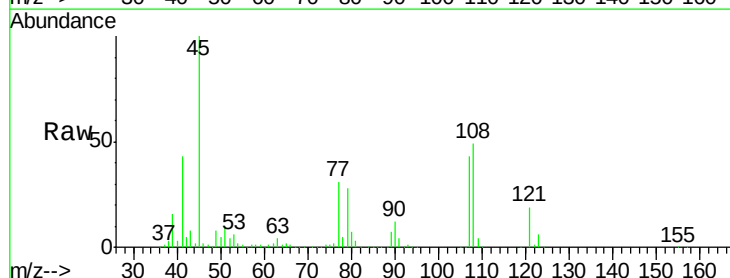
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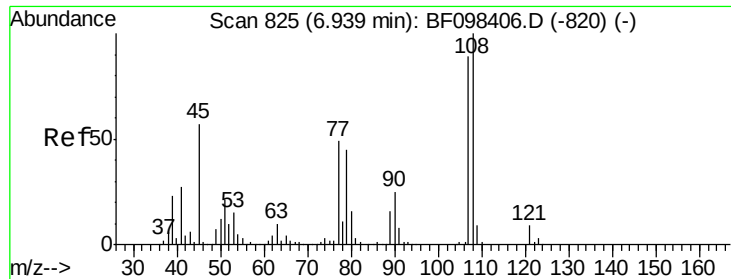
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.808 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion: 45 Resp: 1063955
Ion Ratio Lower Upper
45 100
77 30.5 0.0 33.2
79 28.3 0.0 30.0





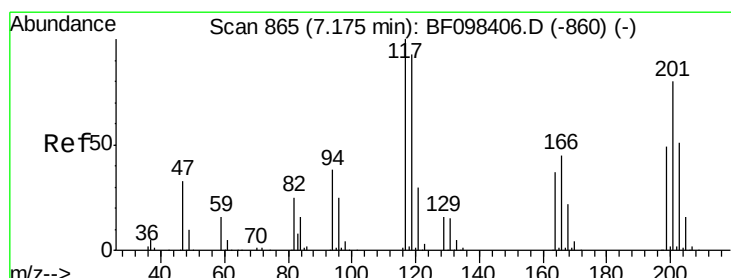
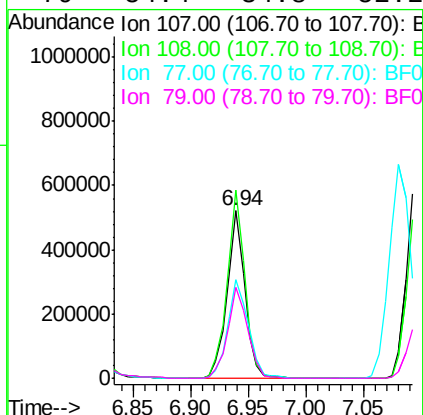
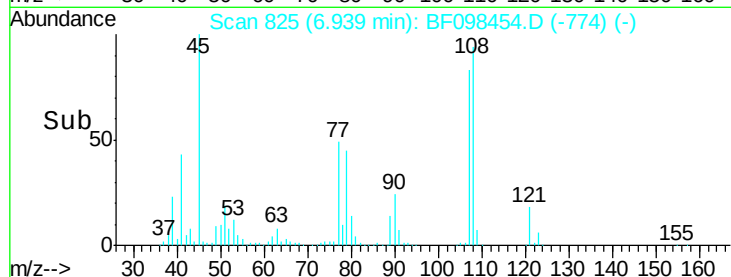
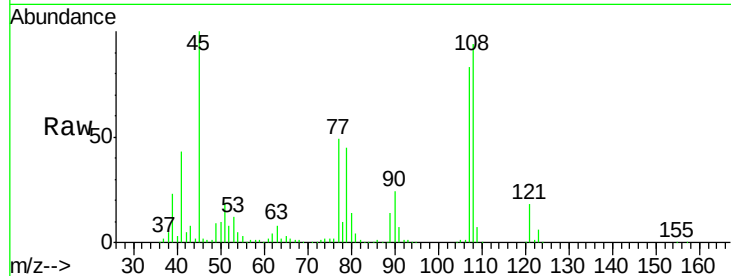
#17
2-Methylphenol
Concen: 41.483 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampled :
PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	557404		
108	112.7	93.4	140.0	
77	59.3	35.8	53.6#	
79	54.4	34.8	52.2#	

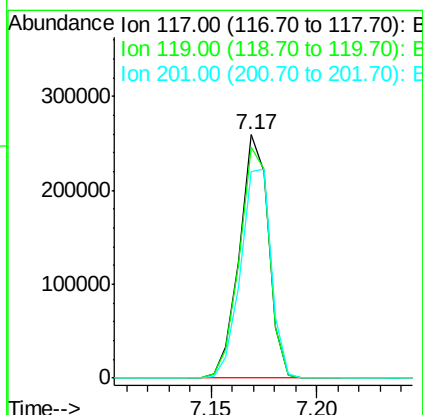
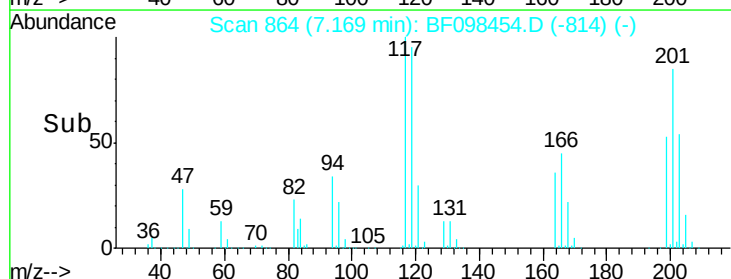
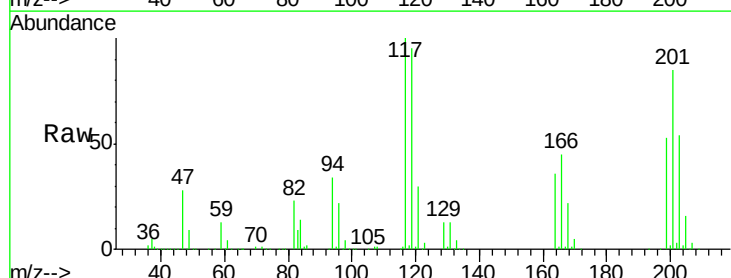
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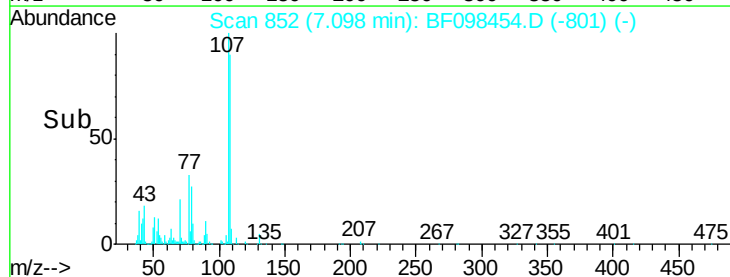
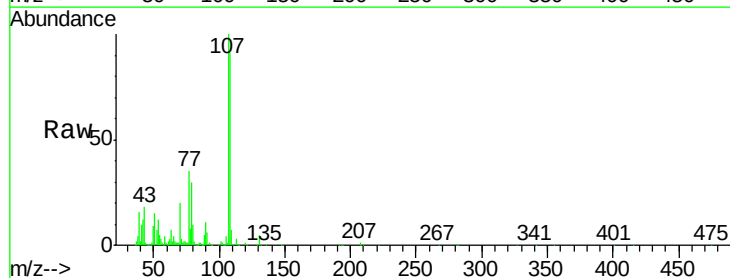
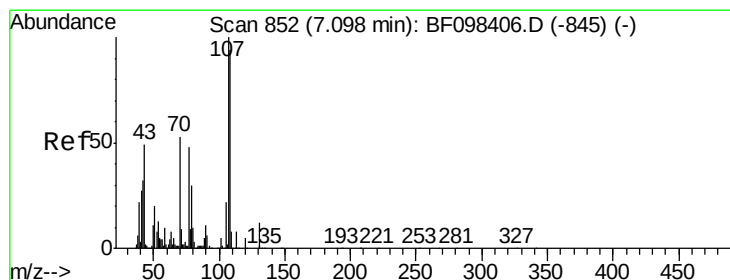
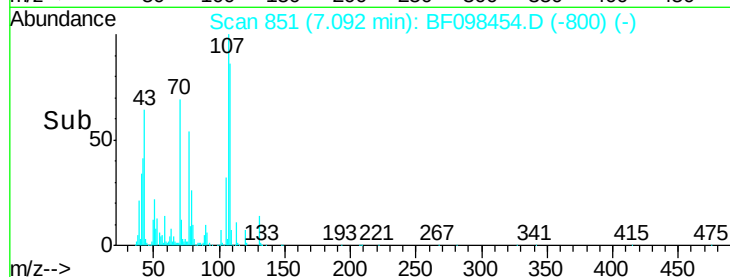
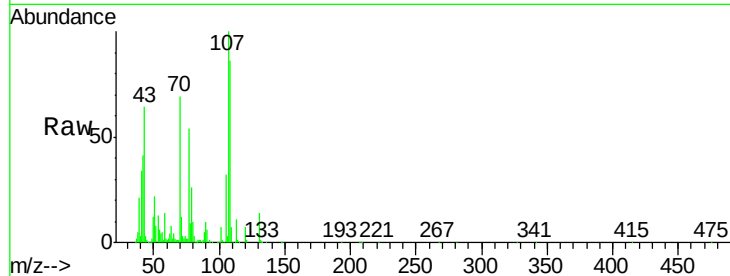
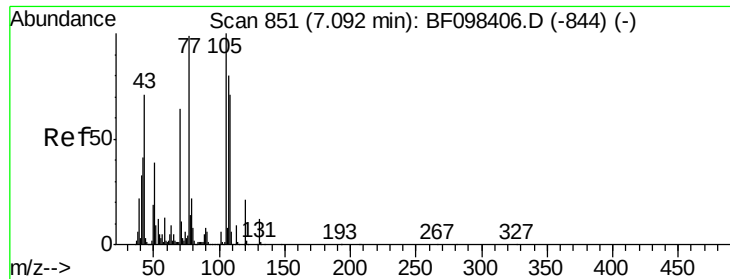
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#18
Hexachloroethane
Concen: 37.847 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	246238		
119	94.6	77.4	116.0	
201	85.0	94.6	141.8#	





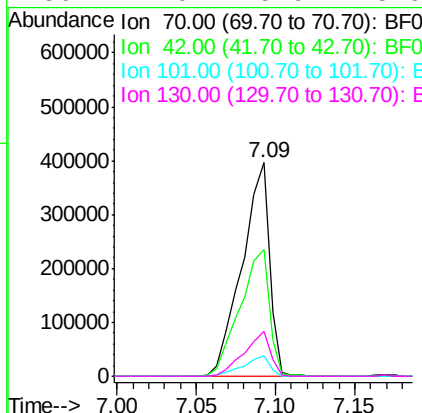
#19
n-Nitroso-di-n-propylamine
Concen: 39.733 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	475519		
42	59.1	47.2	70.8	
101	9.5	7.2	10.8	
130	21.0	15.9	23.9	

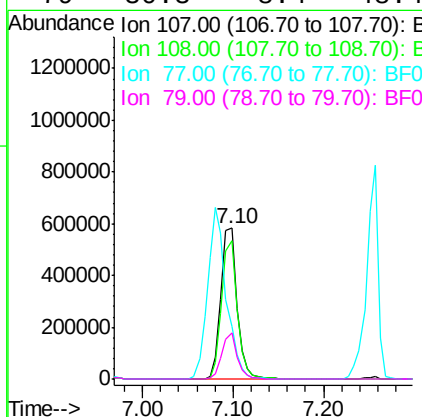
Manual Integrations
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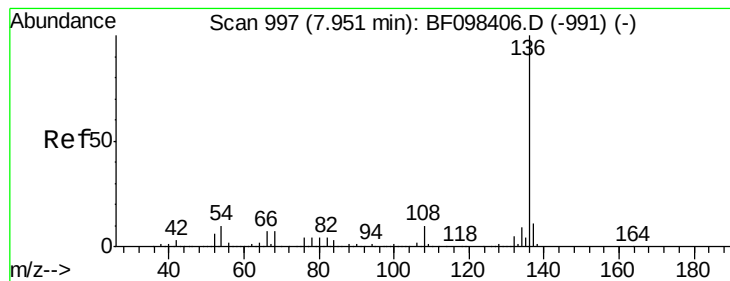
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#20
3+4-Methylphenols
Concen: 42.413 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	719189		
108	91.5	71.0	111.0	
77	34.9	90.5	130.5	
79	30.3	8.4	48.4	





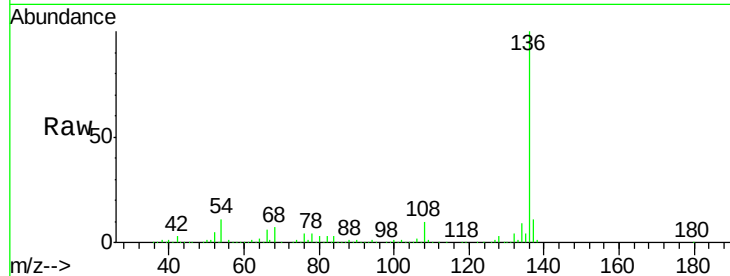
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

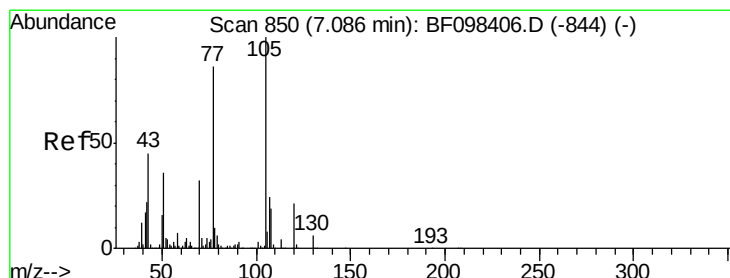
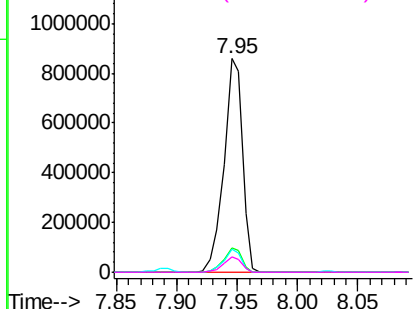
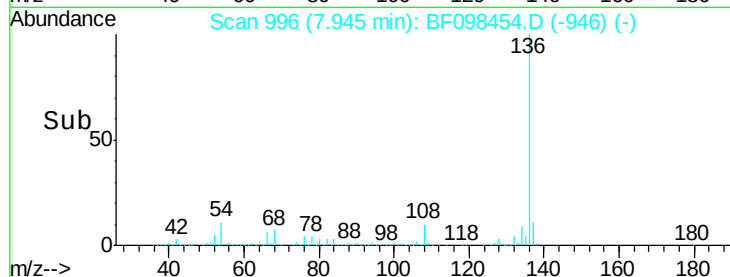
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	911590		
137	11.3	8.5	12.7	
54	10.9	4.9	7.3#	
68	7.4	4.1	6.1#	

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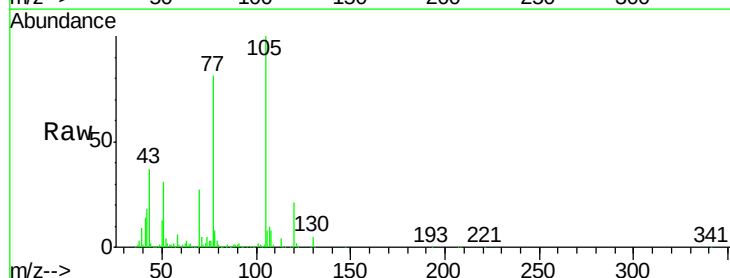


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

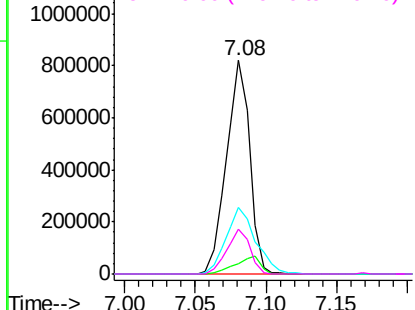
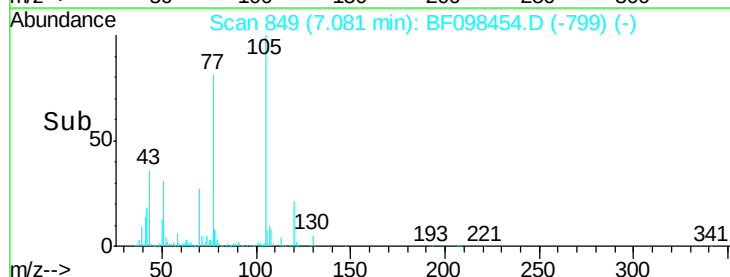


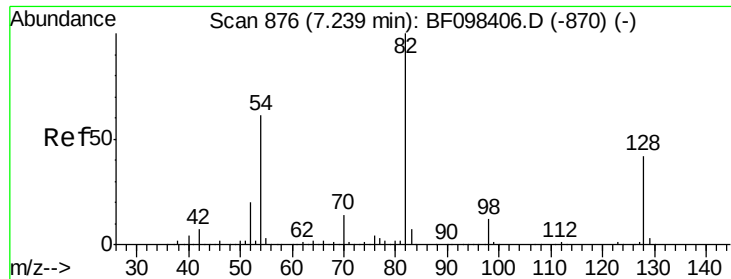
#22
Acetophenone
Concen: 39.947 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	941186		
71	4.7	2.8	4.2#	
51	31.2	30.7	46.1	
120	21.2	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





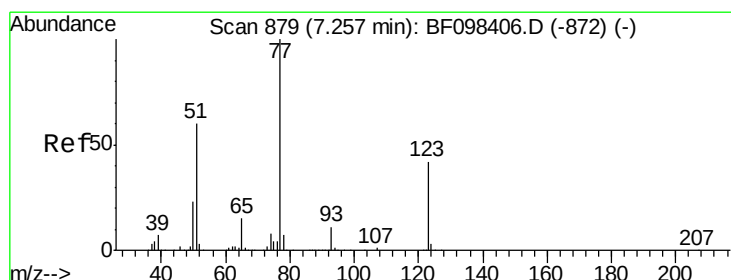
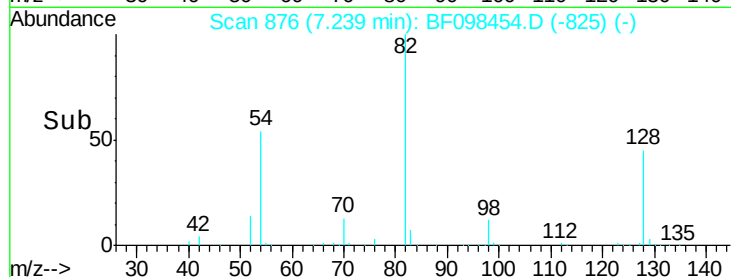
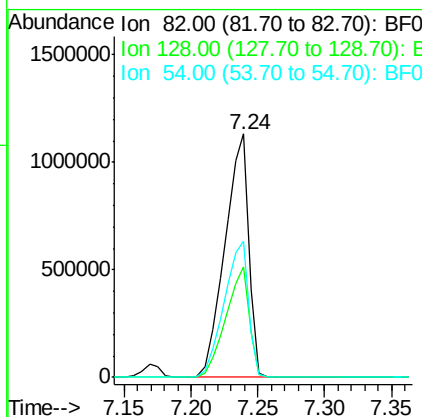
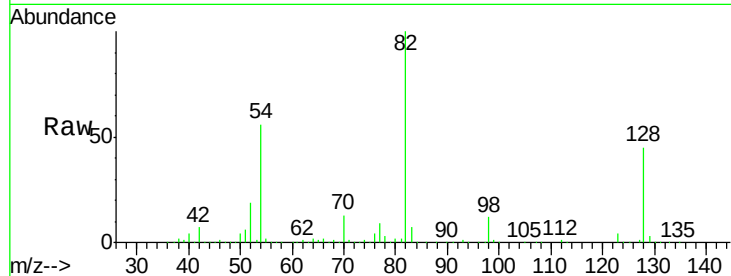
#23
 Nitrobenzene-d5
 Concen: 87.492 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion: 82 Resp: 1430630
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 56.1 42.2 63.2

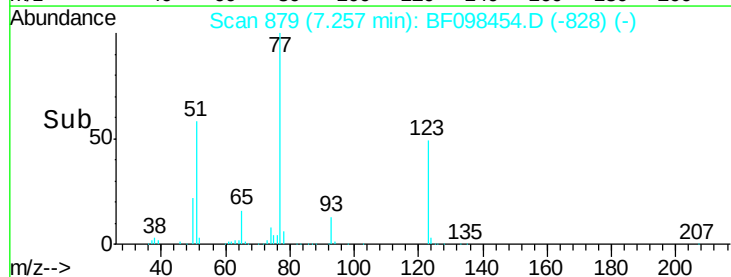
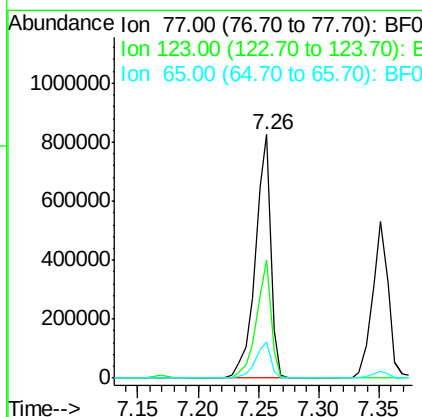
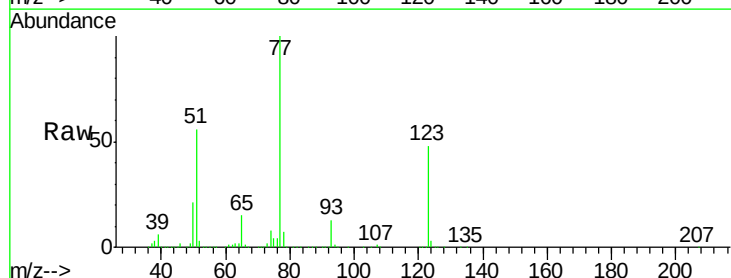
Manual Integrations
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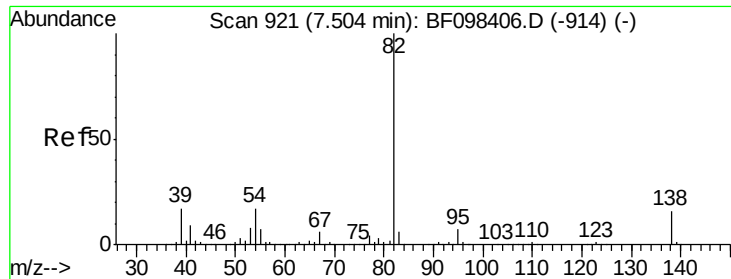
Sohil
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#24
 Nitrobenzene
 Concen: 39.553 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion: 77 Resp: 736682
 Ion Ratio Lower Upper
 77 100
 123 48.5 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 39.742 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion: 82 Resp: 1314798

Ion Ratio Lower Upper

82 100

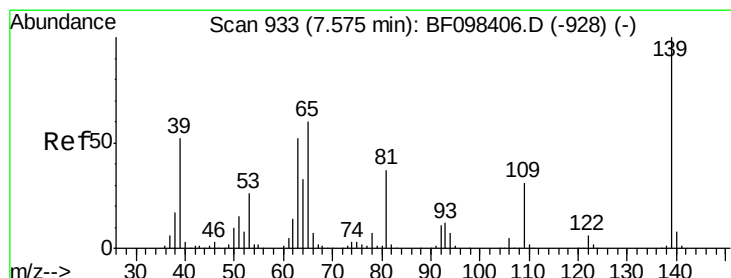
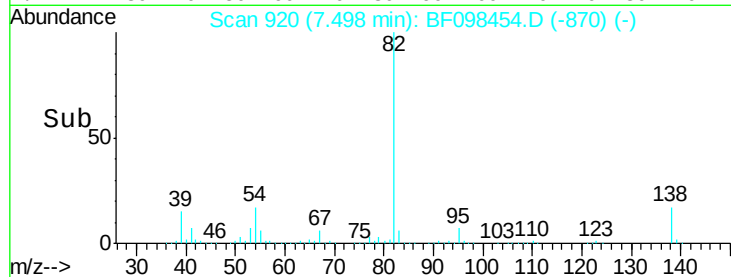
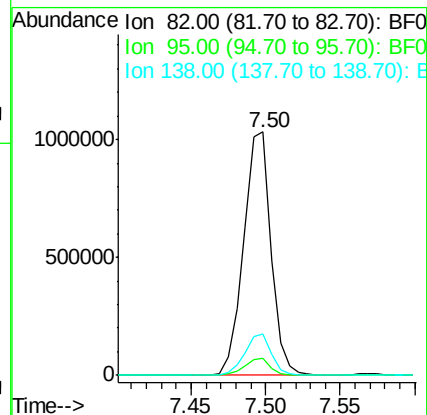
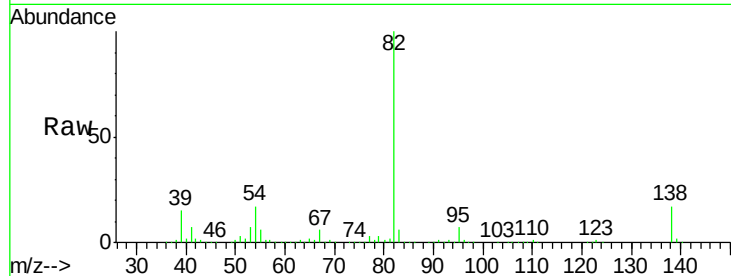
95 6.8 5.3 7.9

138 17.2 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.189 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

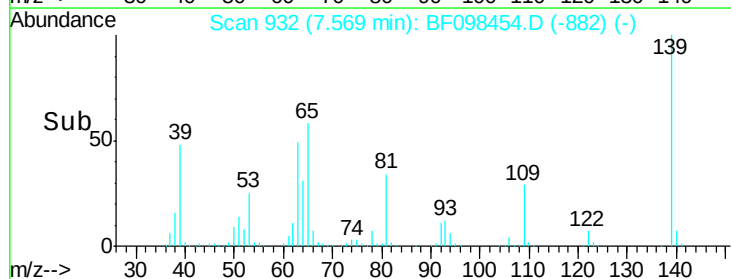
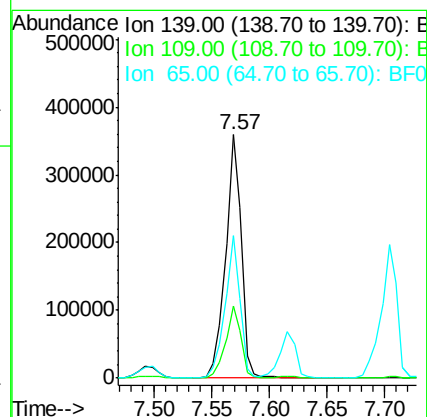
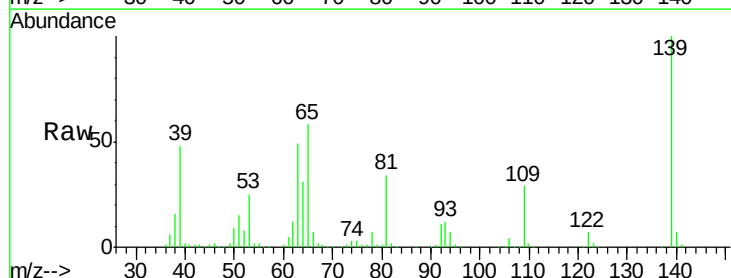
Tgt Ion: 139 Resp: 339827

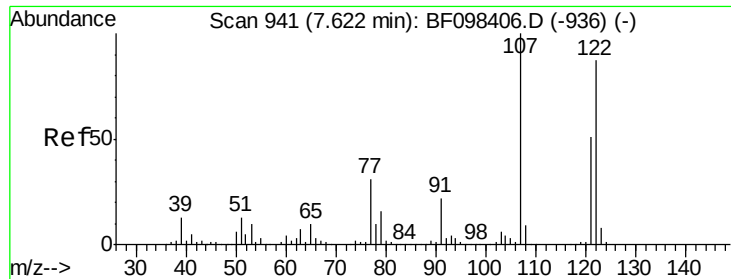
Ion Ratio Lower Upper

139 100

109 29.4 21.0 31.6

65 58.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.322 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

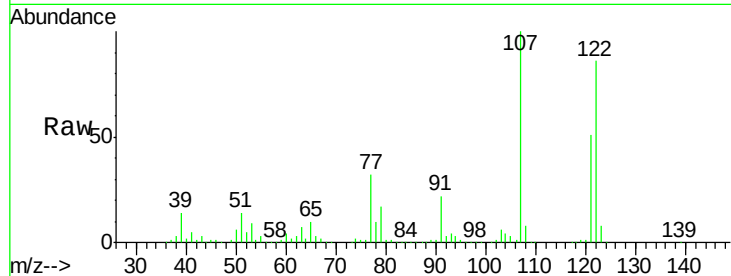
ClientSampleId :

PB102265BS

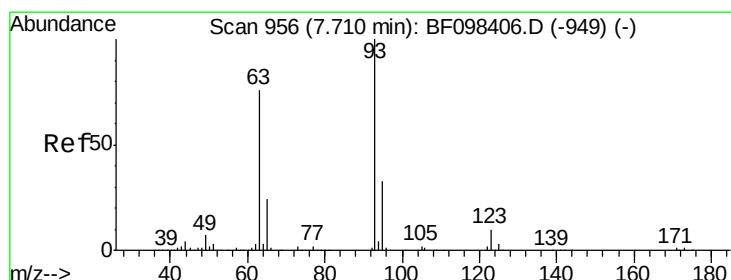
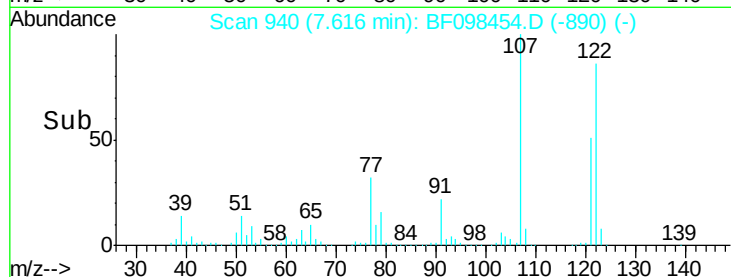
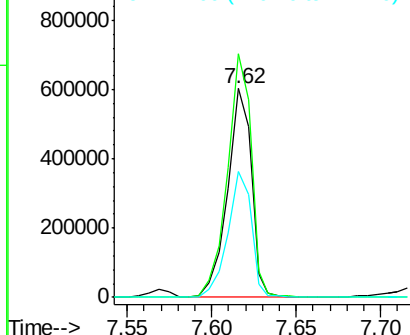
Tgt Ion:	122	Resp:	592380
Ion Ratio	Lower	Upper	
122	100		
107	116.6	89.2	133.8
121	60.0	45.2	67.8

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



#28

bis(2-Chloroethoxy)methane

Concen: 41.814 ng

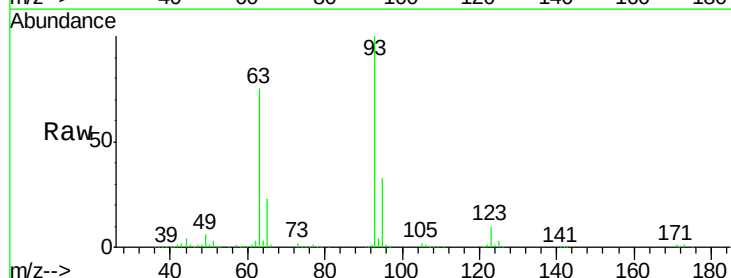
RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

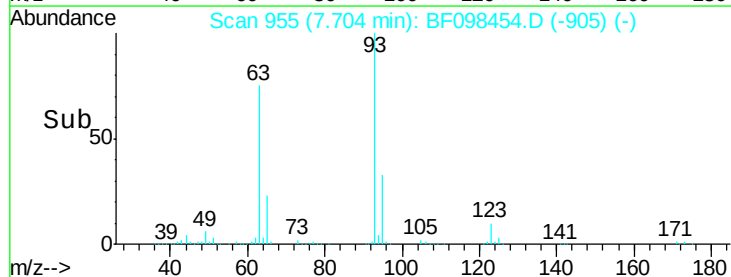
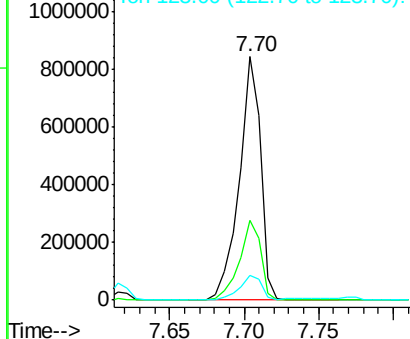
Lab File: BF098454.D

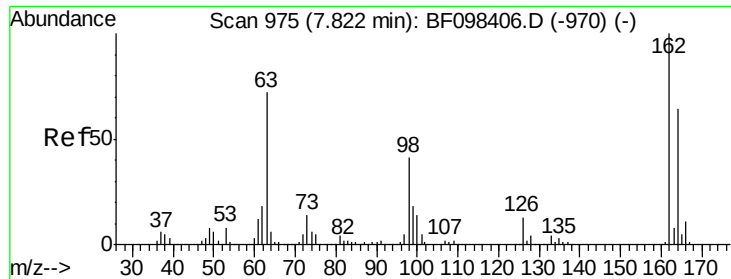
Acq: 12 Sep 2017 17:03

Tgt Ion:	93	Resp:	844108
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	10.2	9.0	13.4



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





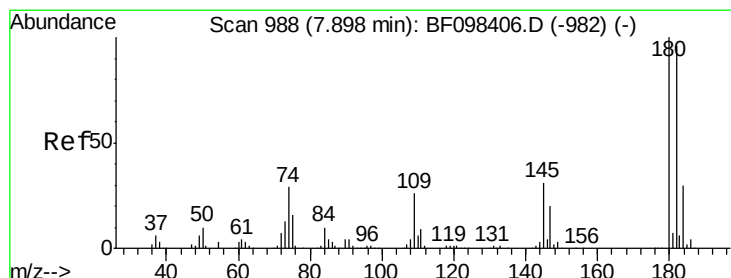
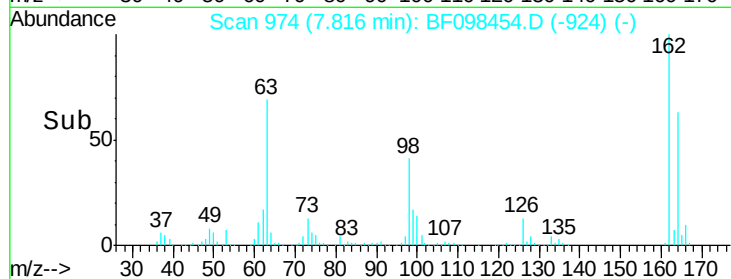
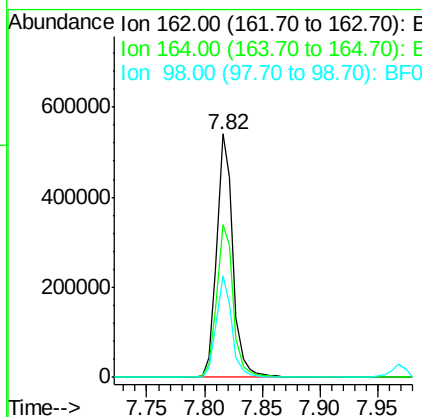
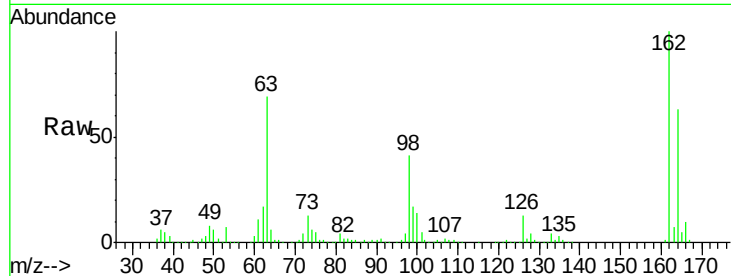
#29
2,4-Dichlorophenol
Concen: 44.155 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	526447		
164	62.7	44.6	84.6	
98	41.5	14.8	54.8	

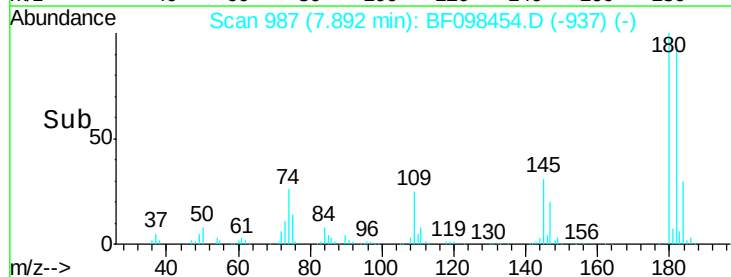
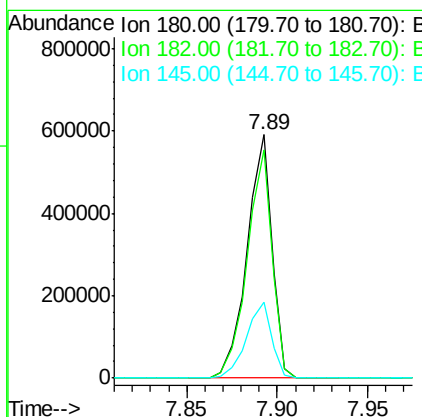
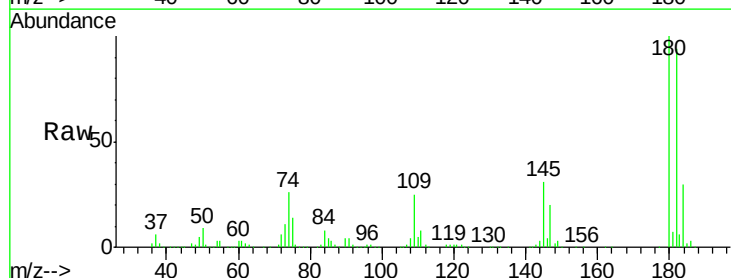
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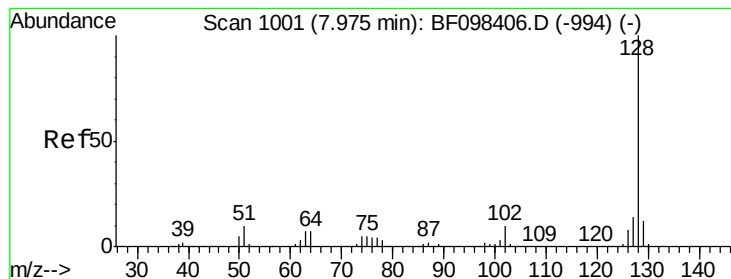
Sohil
9/18/2017 5:10:53 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.602 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	565497		
182	93.8	75.8	113.6	
145	31.2	25.3	37.9	





#31

Naphthalene

Concen: 41.539 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampled :

PB102265BS

Tgt Ion:128 Resp: 1871968

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

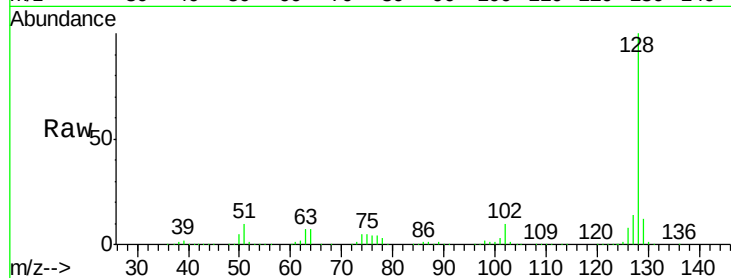
127 13.8 10.8 16.2

Manual Integrations

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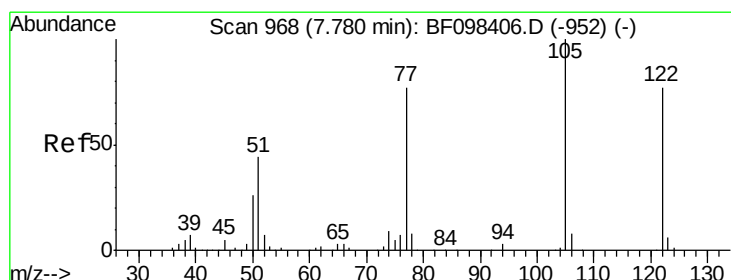
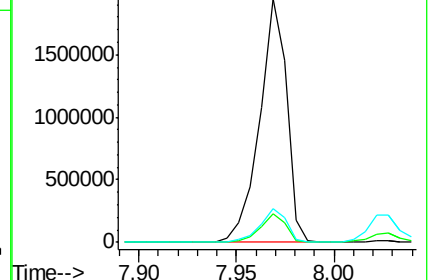
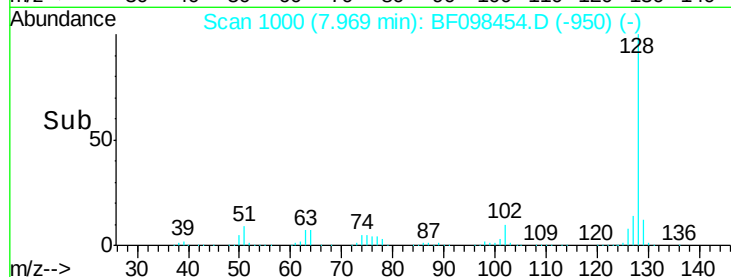
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.372 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

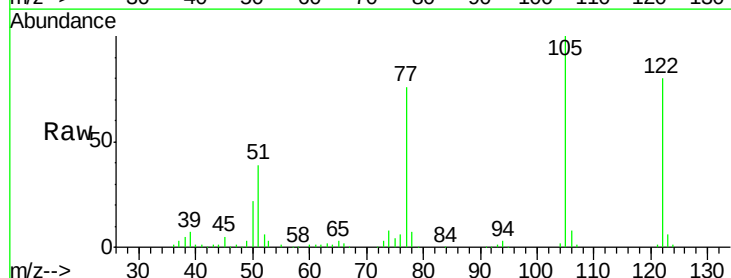
Tgt Ion:122 Resp: 304455

Ion Ratio Lower Upper

122 100

105 124.7 103.3 143.3

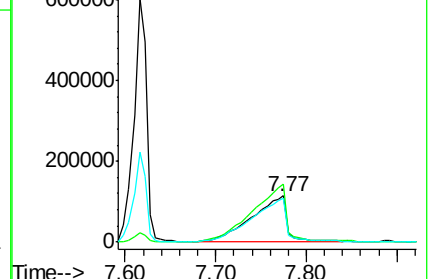
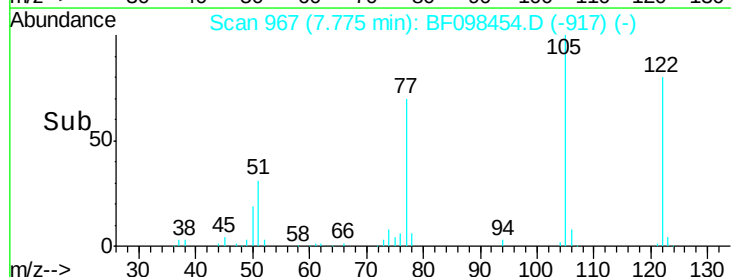
77 94.5 73.7 113.7

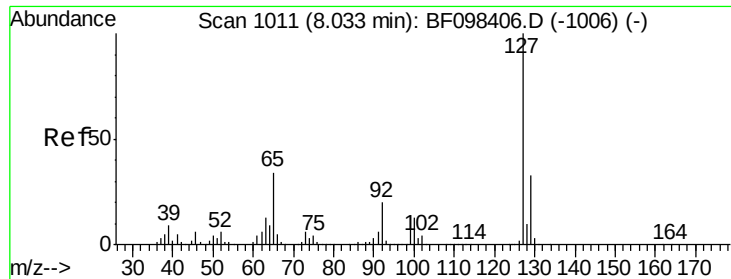


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





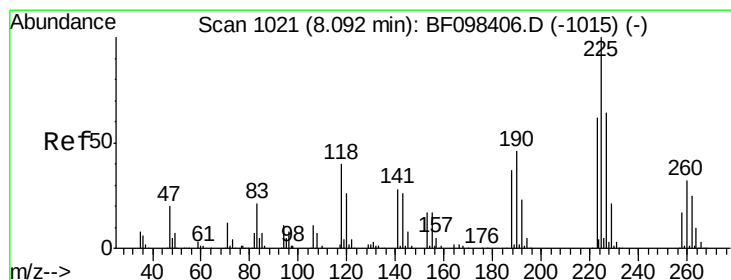
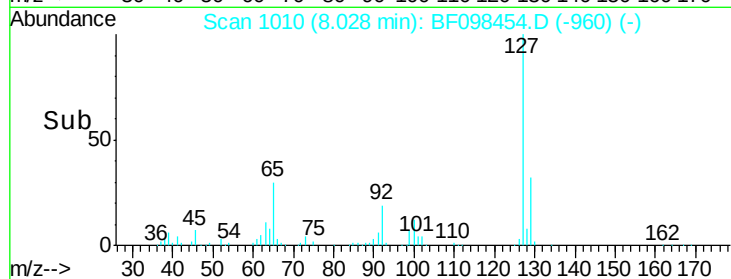
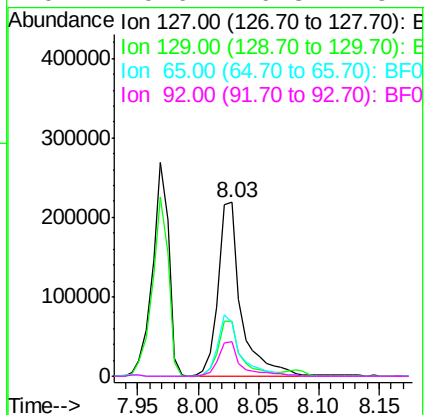
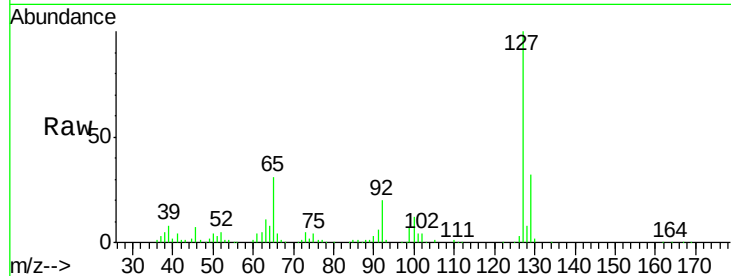
#33
4-Chloroaniline
Concen: 15.563 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	285034		
129	31.9	26.2	39.2	
65	31.2	27.8	41.8	
92	19.6	16.8	25.2	

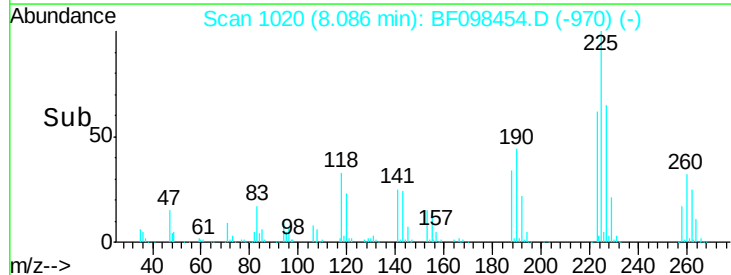
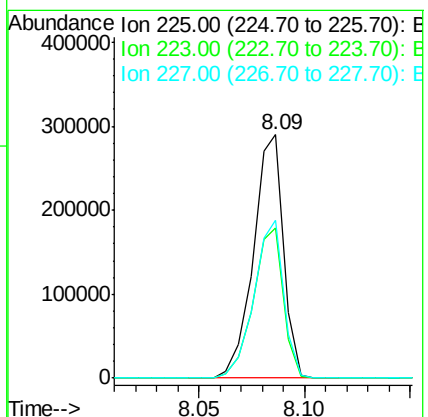
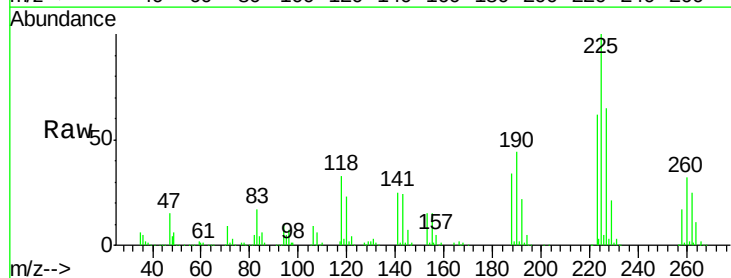
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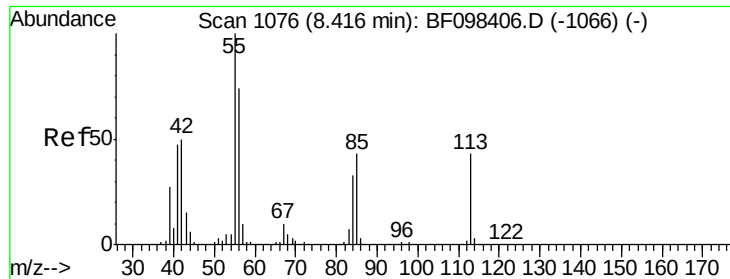
Sohil
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#34
Hexachlorobutadiene
Concen: 42.987 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	286210		
223	61.7	48.8	73.2	
227	64.7	51.1	76.7	





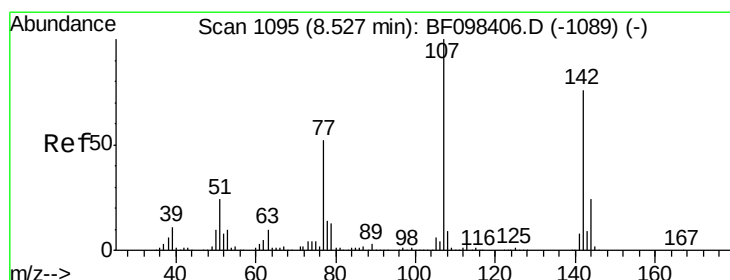
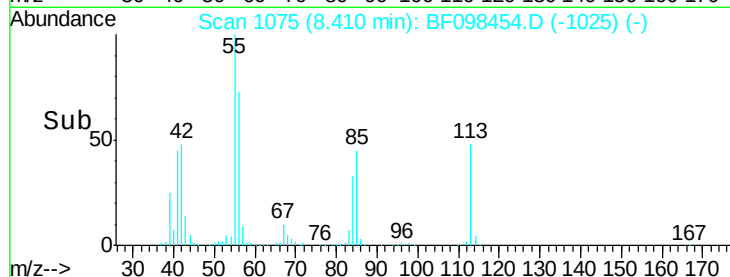
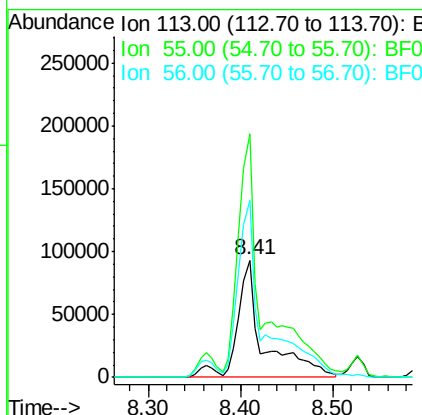
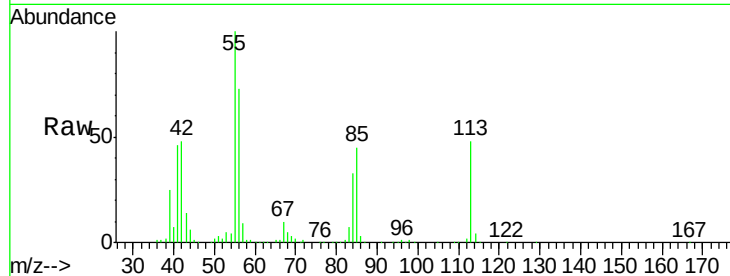
#35
 Caprolactam
 Concen: 44.709 ng m
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion:113 Resp: 183817
 Ion Ratio Lower Upper
 113 100
 55 207.2 150.2 190.2#
 56 150.3 107.8 147.8#

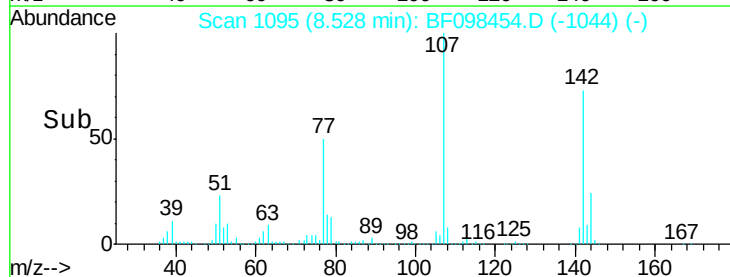
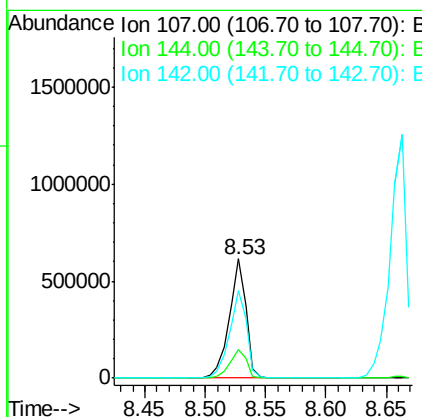
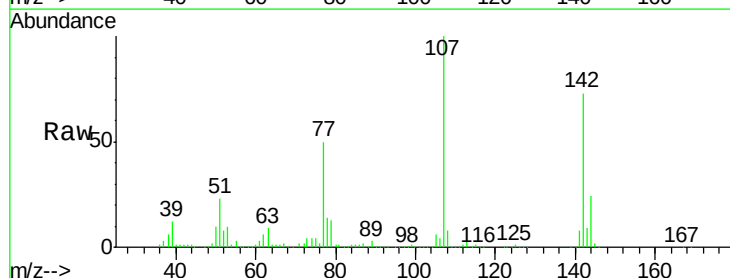
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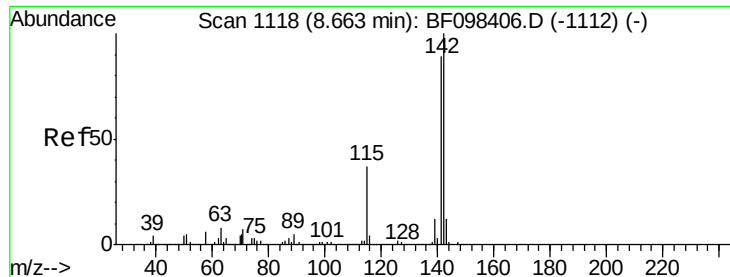
Sohil
 9/18/2017 5:10:53 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.395 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:107 Resp: 597284
 Ion Ratio Lower Upper
 107 100
 144 23.8 24.2 36.4#
 142 73.4 73.4 110.0





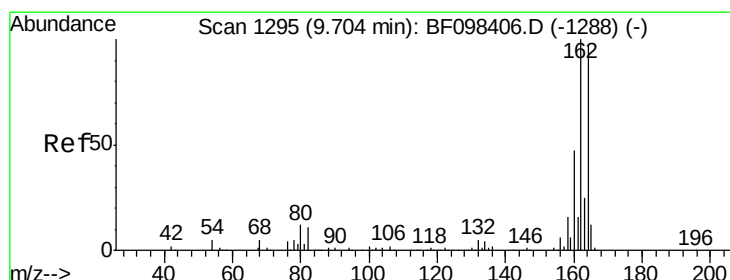
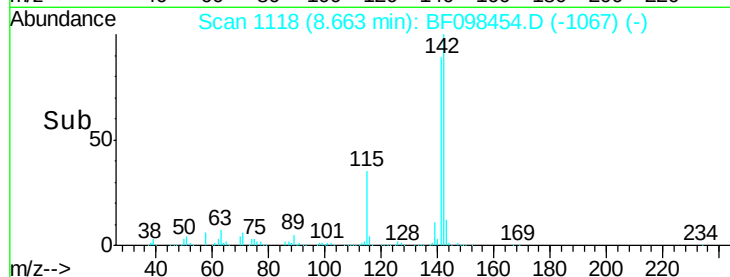
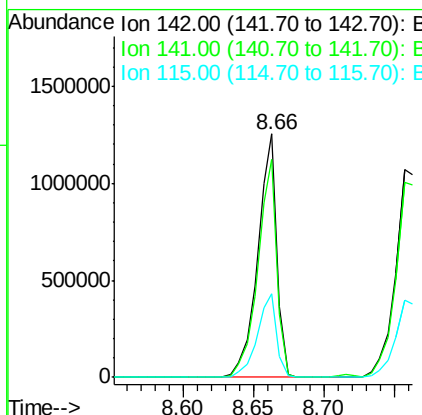
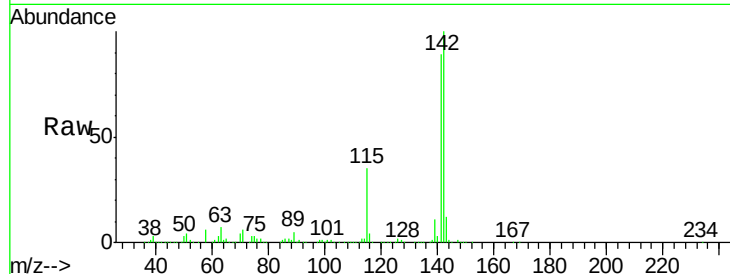
#37
2-Methylnaphthalene
Concen: 43.916 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	34.5	27.1	40.7

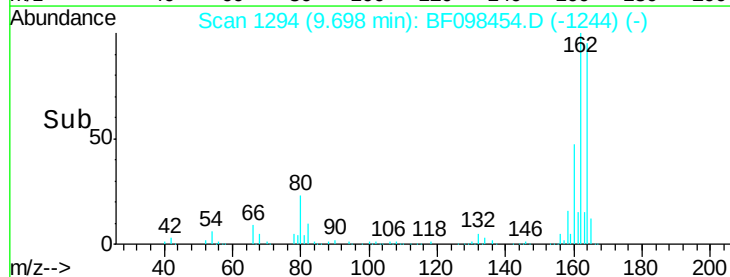
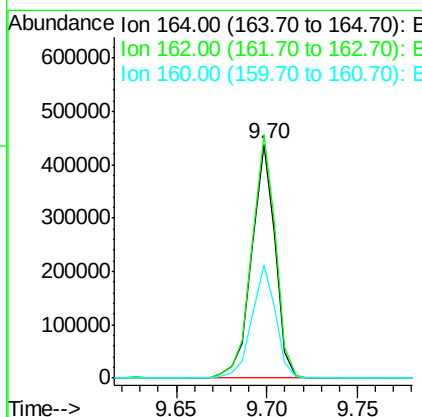
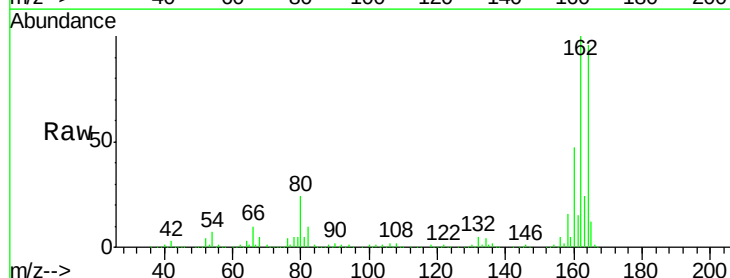
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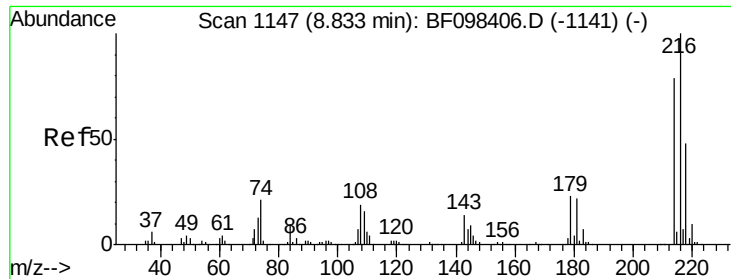
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	48.6	36.2	54.2





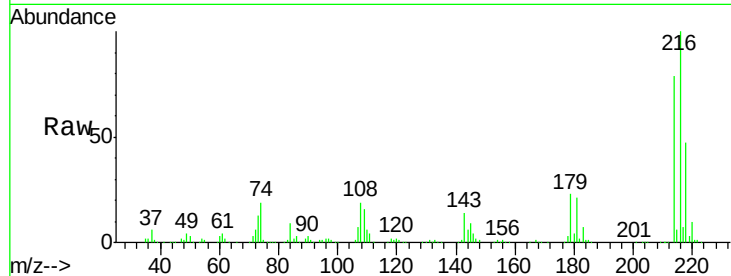
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.505 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

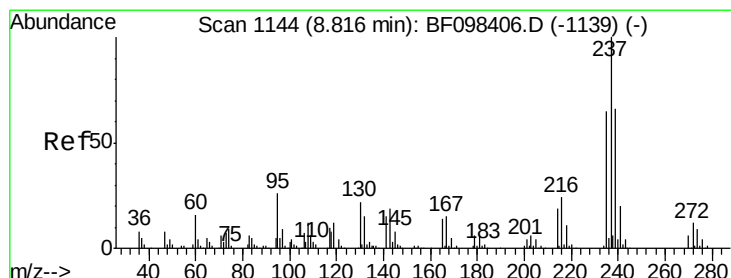
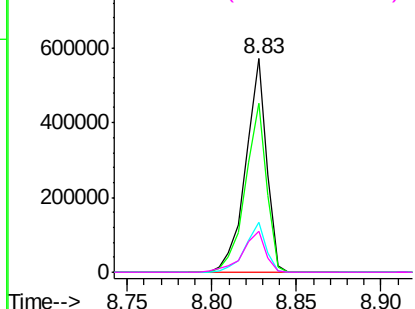
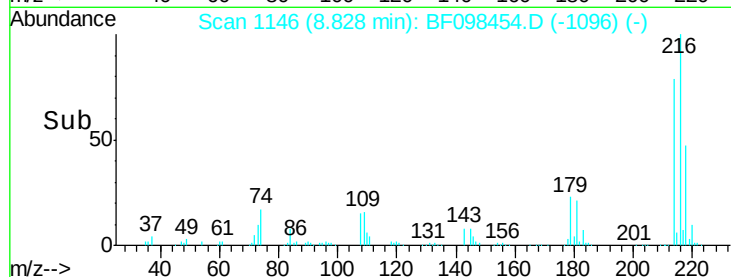
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.4	95.2
179	23.0	17.9	26.9
108	21.2	16.5	24.7

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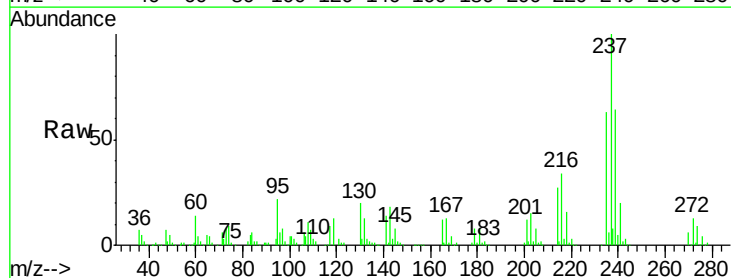


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

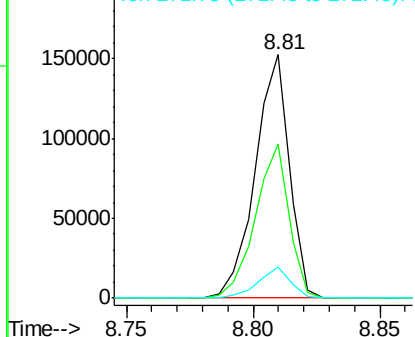
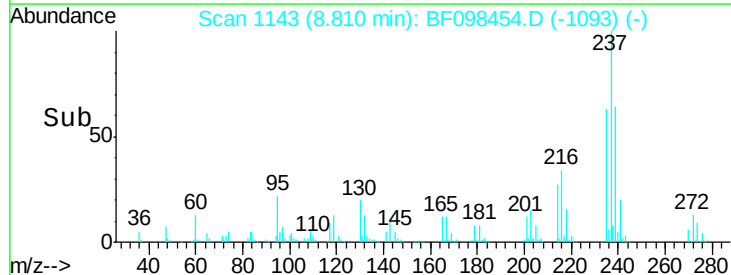


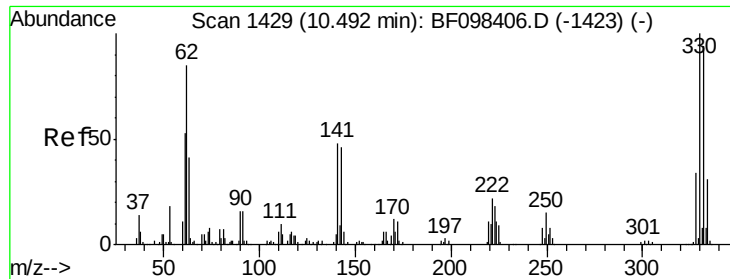
#40
 Hexachlorocyclopentadiene
 Concen: 44.966 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	42.6	82.6
272	12.7	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





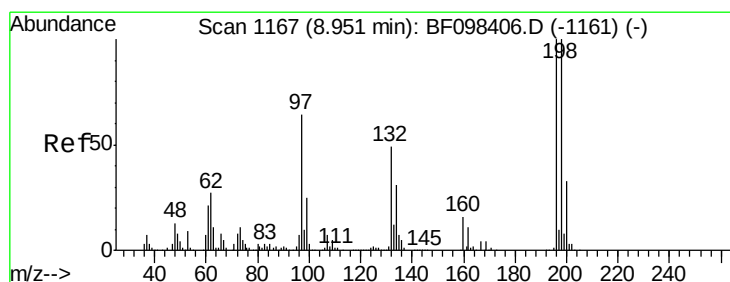
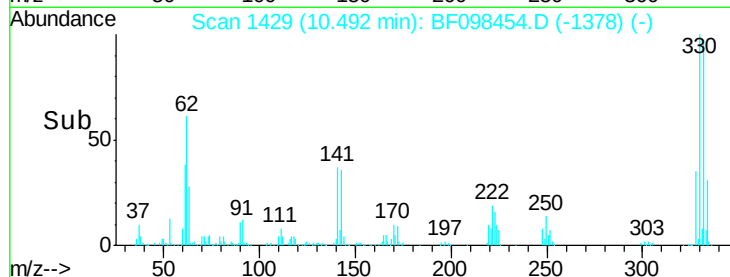
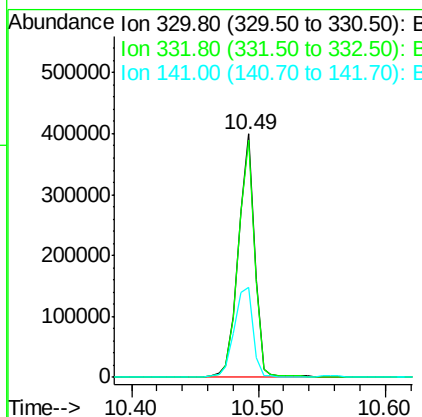
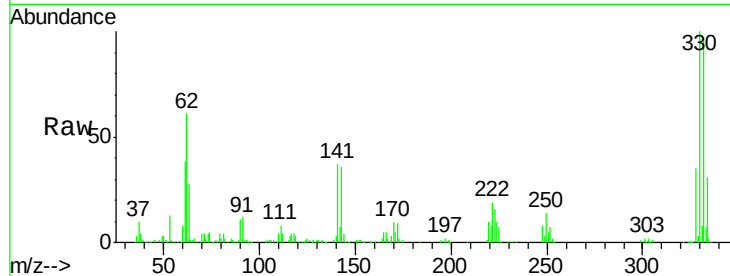
#41
 2,4,6-Tribromophenol
 Concen: 134.147 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	352271		
332	98.3	76.6	115.0	
141	42.4	31.4	47.2	

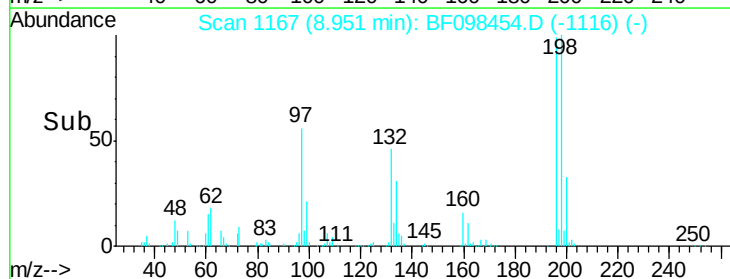
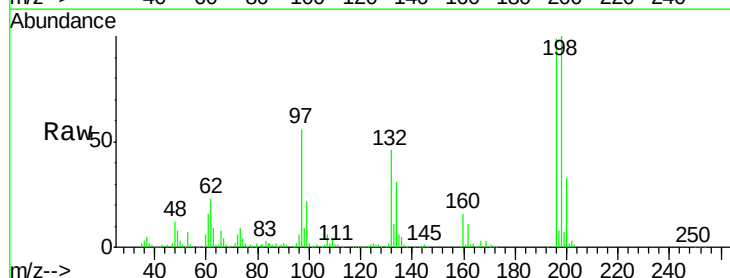
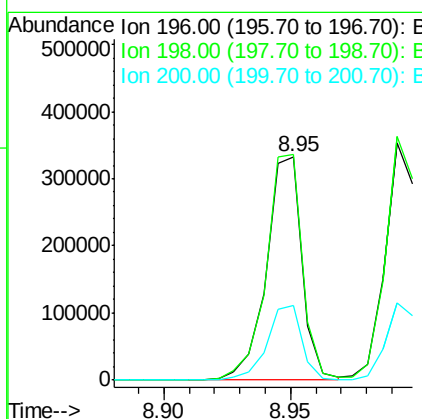
Manual Integrations
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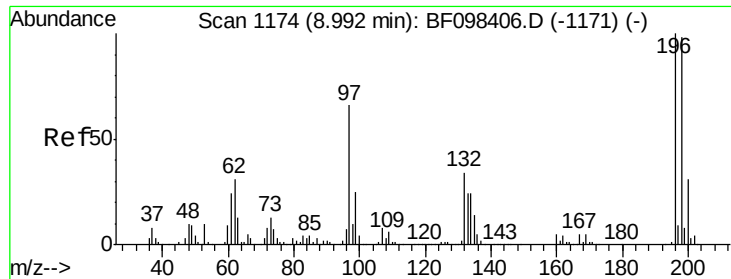
Sohil
 9/18/2017 5:10:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.653 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328651		
198	101.3	74.2	111.4	
200	33.4	24.0	36.0	





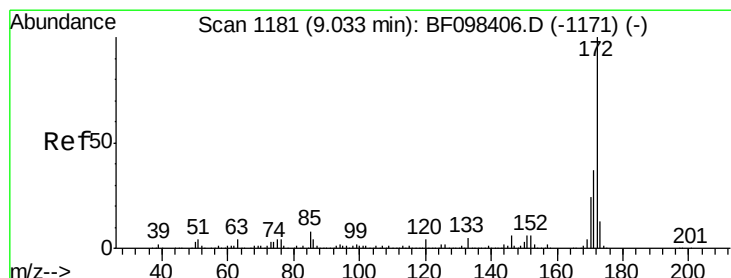
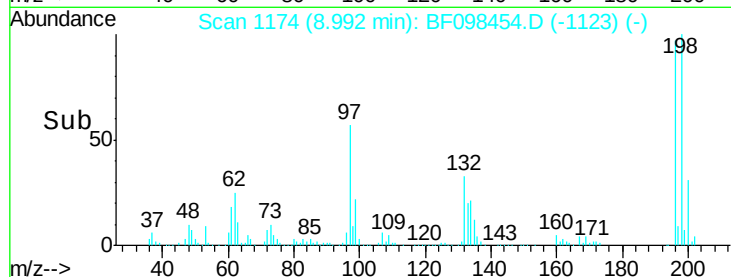
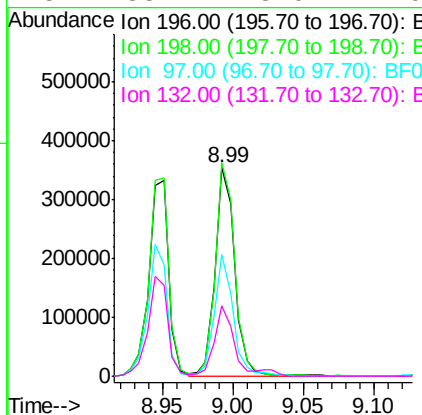
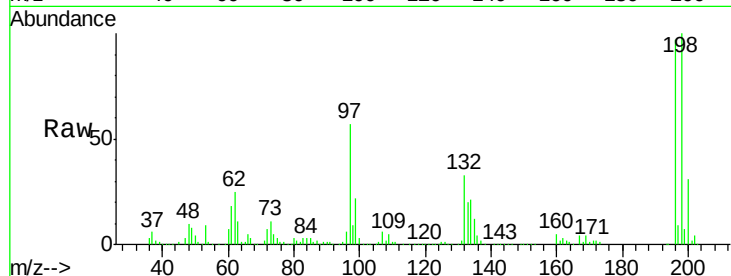
#43
 2,4,5-Trichlorophenol
 Concen: 45.569 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion:	196	Resp:	342877
Ion Ratio	Lower	Upper	
196	100		
198	102.6	75.7	113.5
97	58.5	47.7	71.5
132	33.7	28.0	42.0

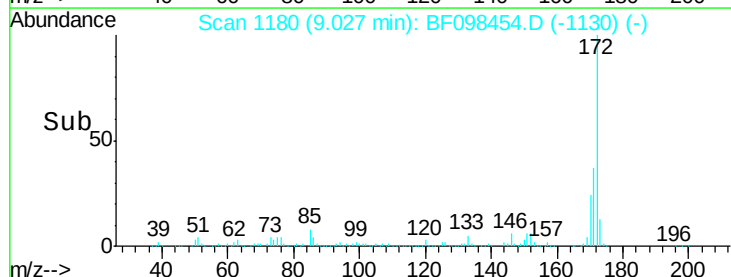
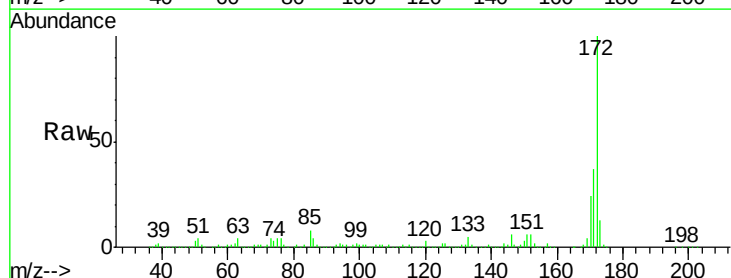
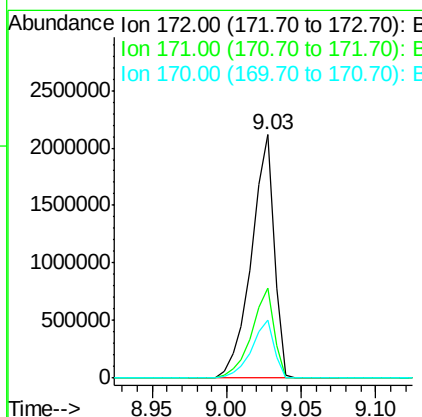
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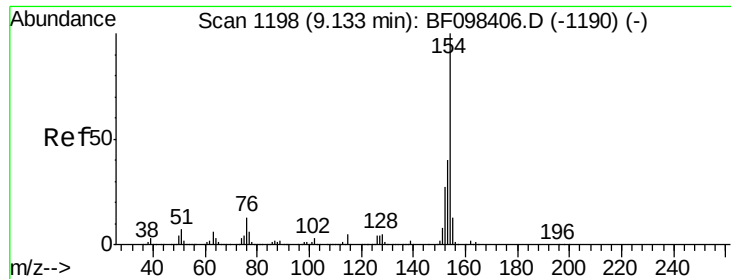
Sohil
 9/18/2017 5:10:53 PM



#44
 2-Fluorobiphenyl
 Concen: 95.427 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:	172	Resp:	2215234
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	23.8	19.8	29.8





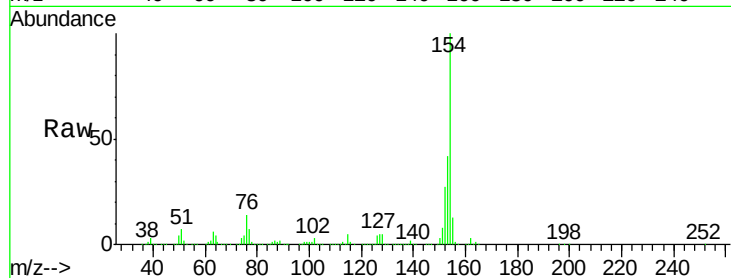
#45
 1,1'-Biphenyl
 Concen: 39.879 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	13.8	0.0	29.9

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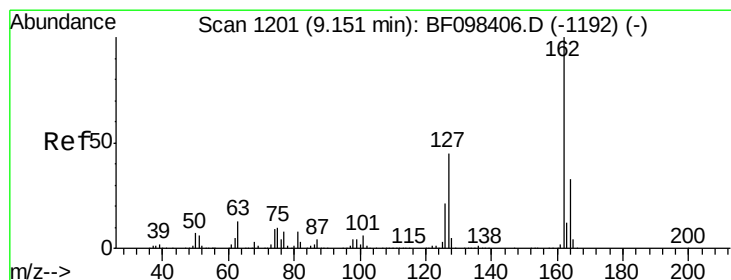
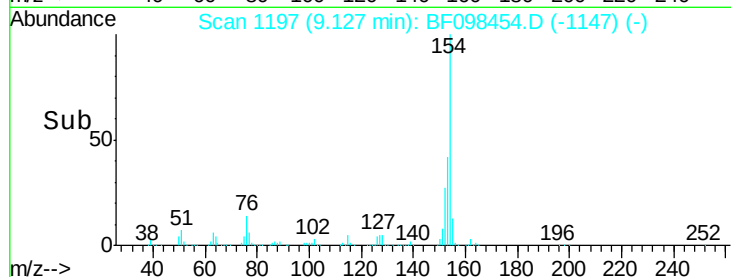
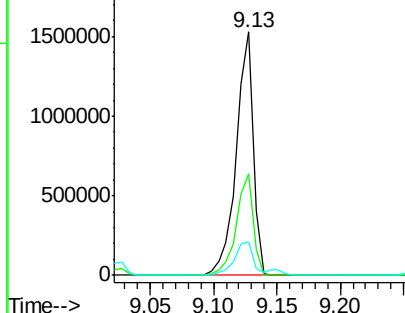


Abundance

Ion 154.00 (153.70 to 154.70): E

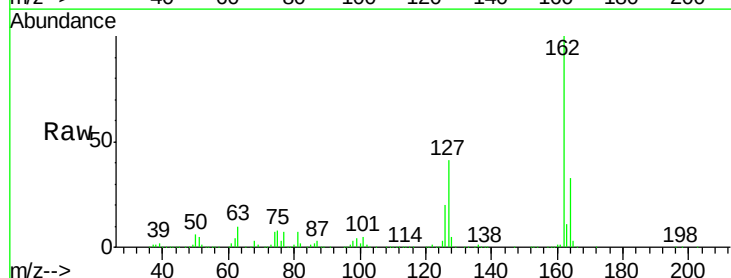
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 42.561 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.0	27.0	40.4

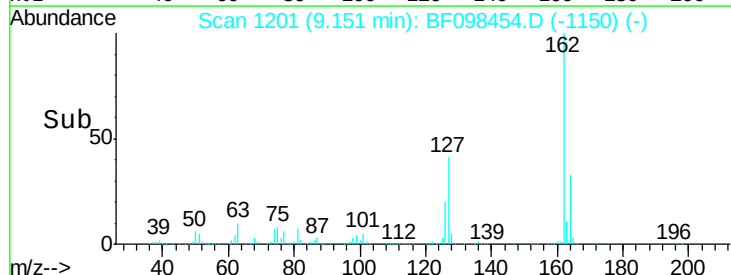
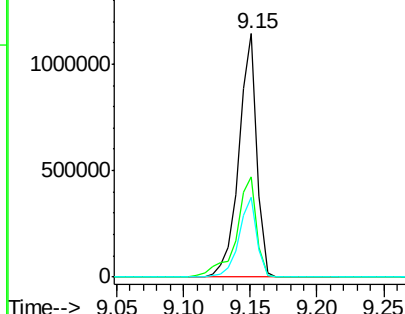


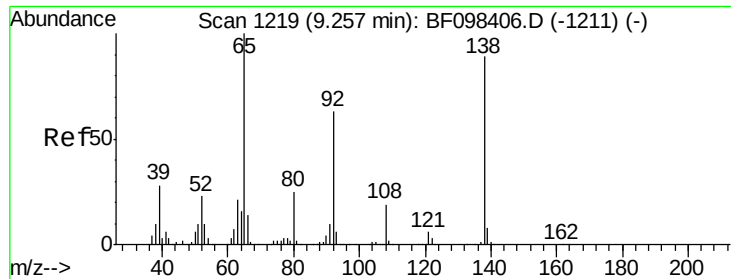
Abundance

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: 43.282 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion: 65 Resp: 417817
Ion Ratio Lower Upper

65 100

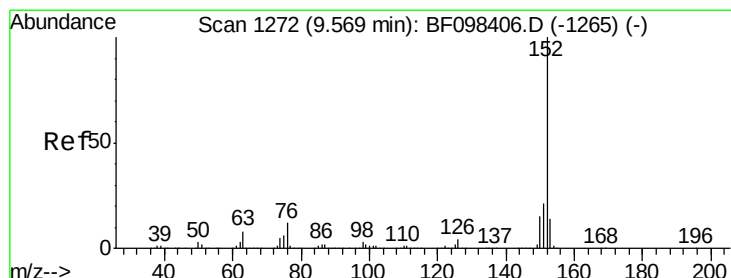
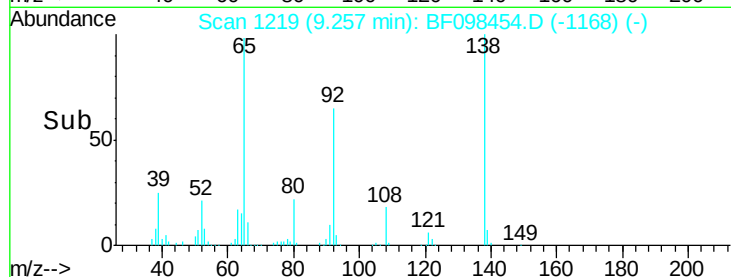
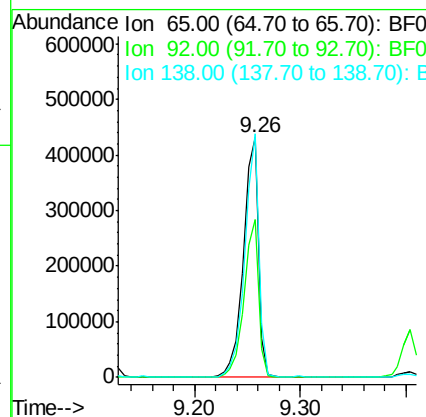
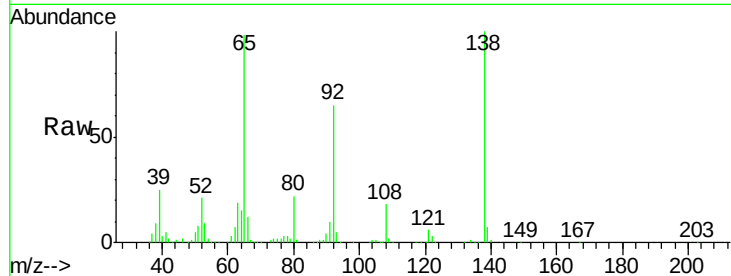
92 65.7 53.9 80.9

138 101.8 78.8 118.2

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#48

Acenaphthylene

Concen: 40.413 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098454.D

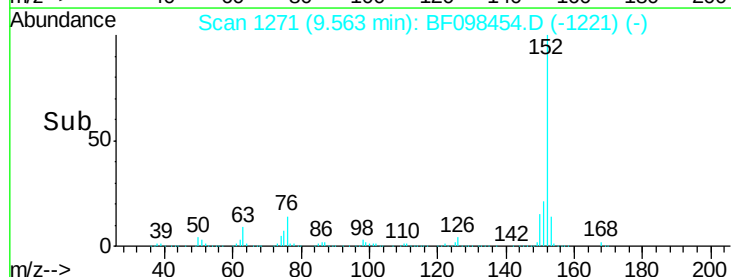
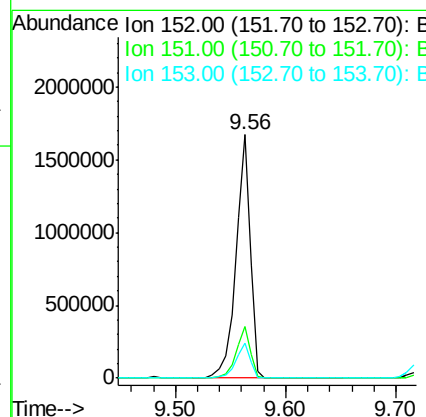
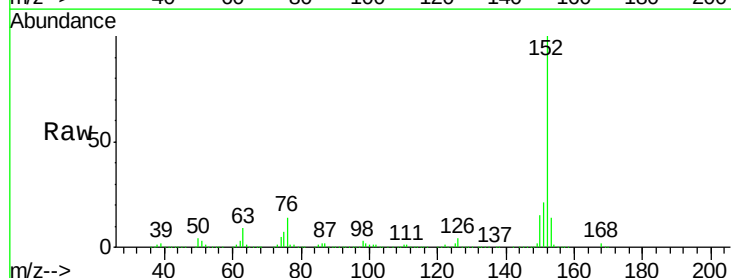
Acq: 12 Sep 2017 17:03

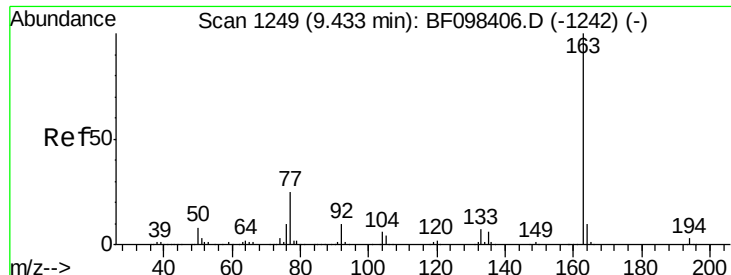
Tgt Ion: 152 Resp: 1511268
Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

153 14.4 10.8 16.2





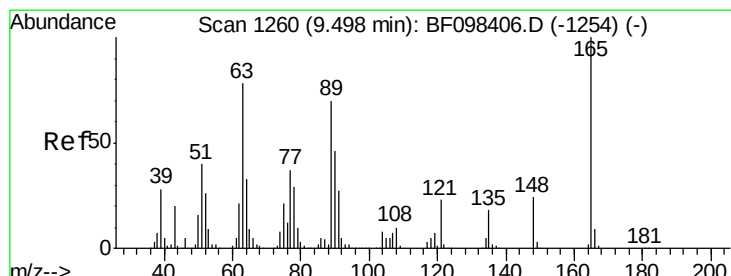
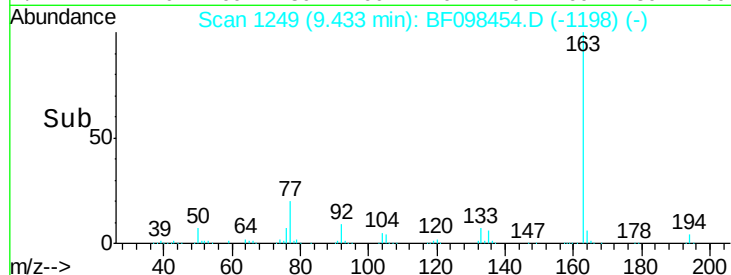
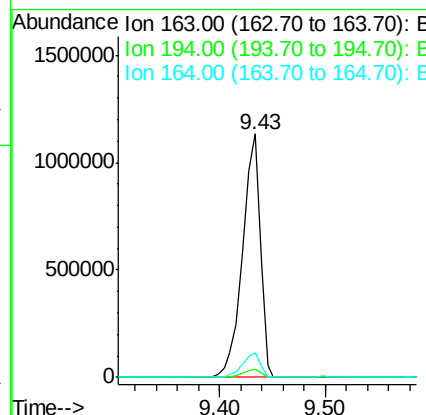
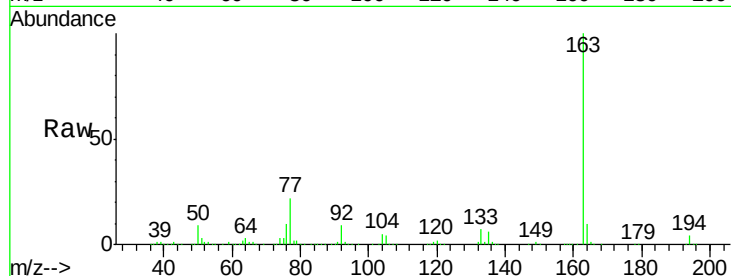
#49
 Dimethylphthalate
 Concen: 42.693 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6

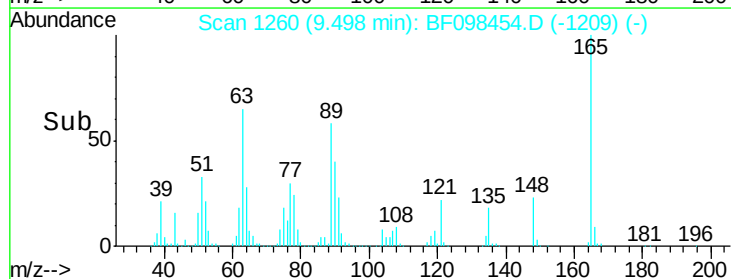
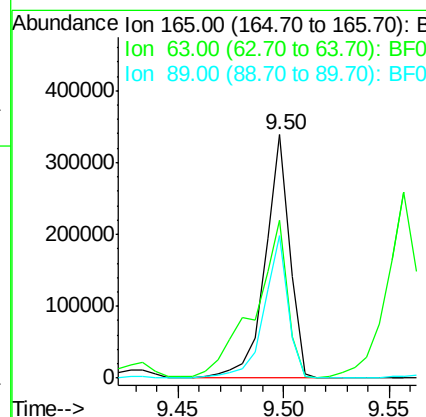
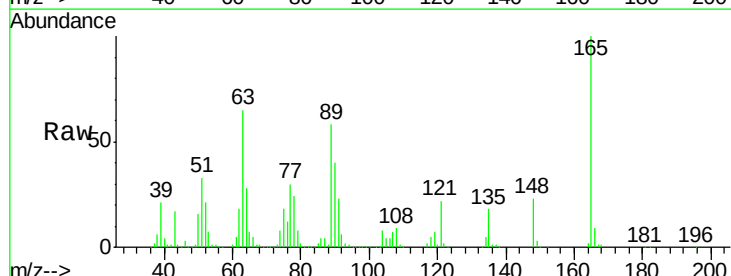
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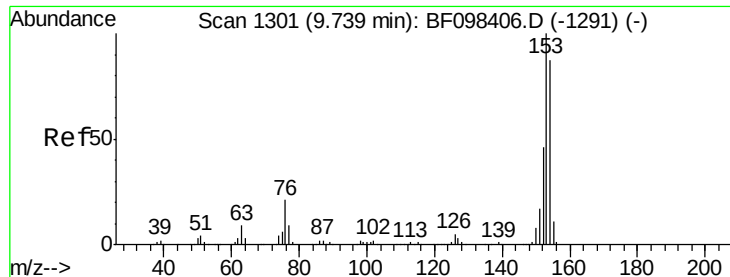
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#50
 2,6-Dinitrotoluene
 Concen: 43.891 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.9	34.3	51.5#
89	58.3	37.1	55.7#





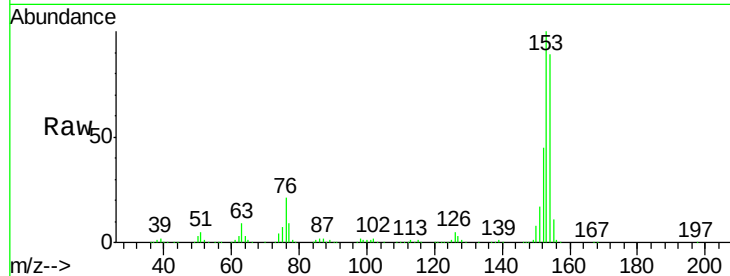
#51
Acenaphthene
Concen: 40.795 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

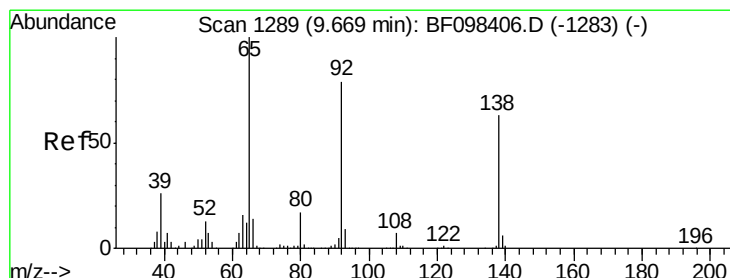
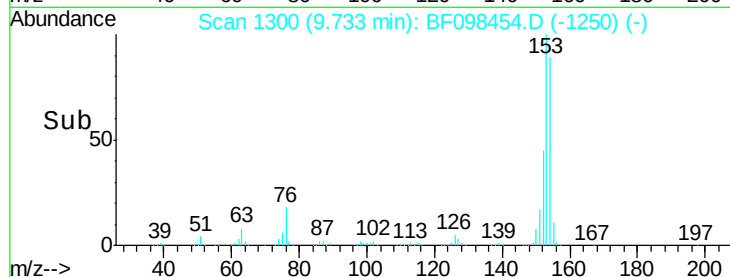
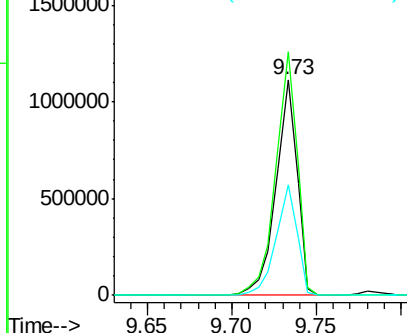
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	969734		
153	113.0	90.5	135.7	
152	51.2	43.6	65.4	

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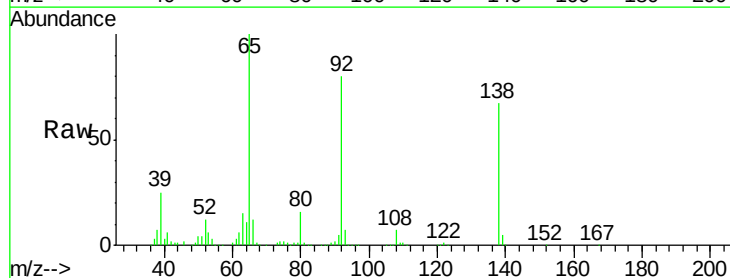


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

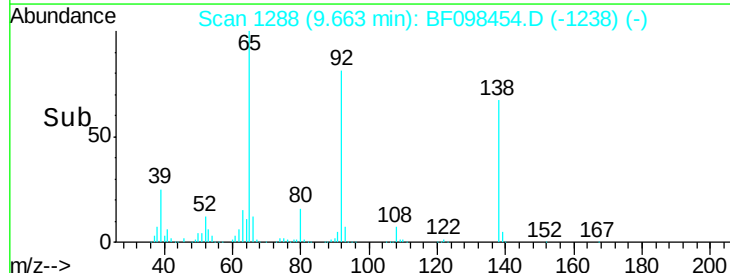
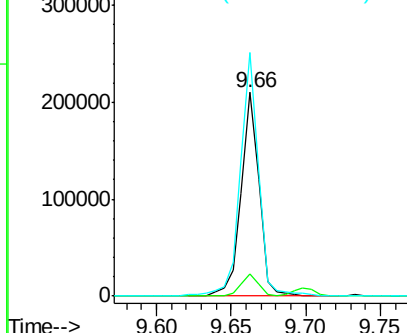


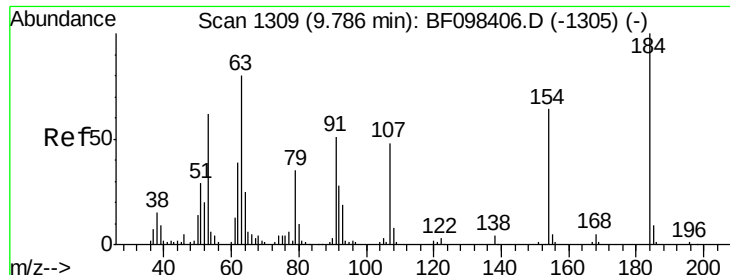
#52
3-Nitroaniline
Concen: 23.433 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	176968		
108	11.1	9.1	13.7	
92	119.6	93.8	140.6	



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





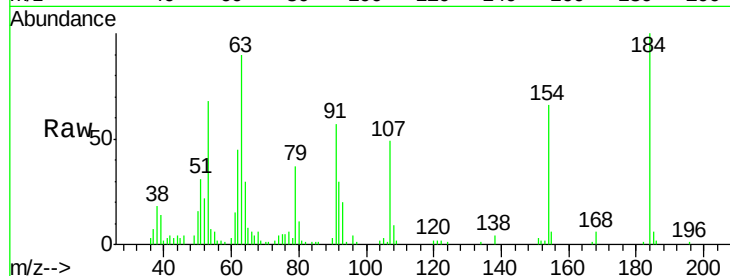
#53
2,4-Dinitrophenol
Concen: 20.100 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

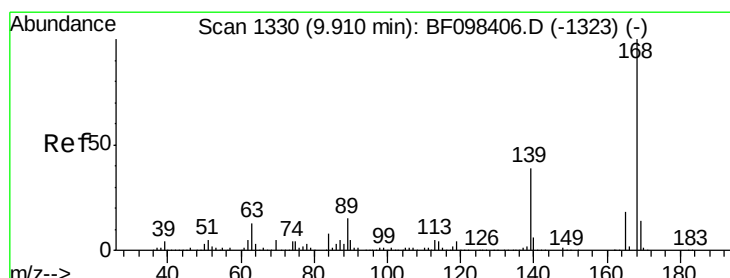
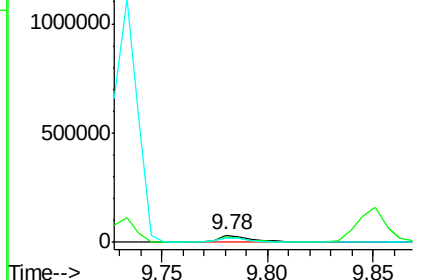
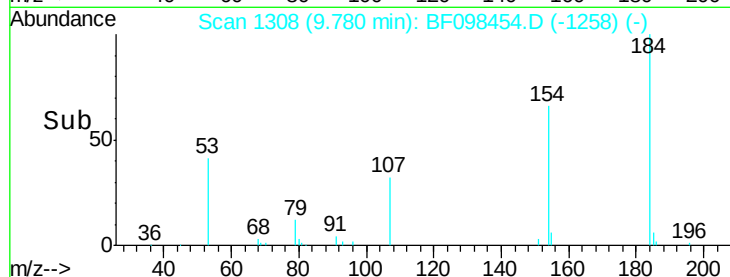
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38313		
63	89.9	62.7	94.1	
154	65.7	81.1	121.7	

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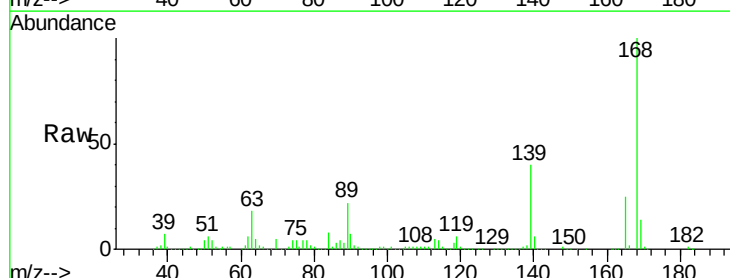


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

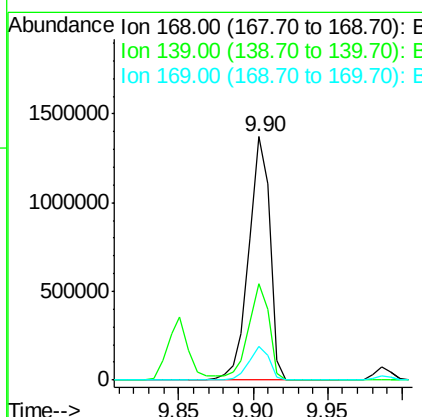
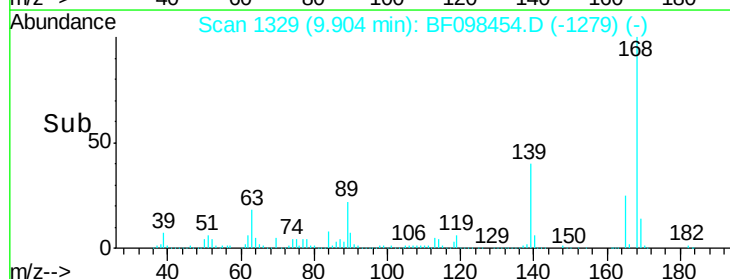


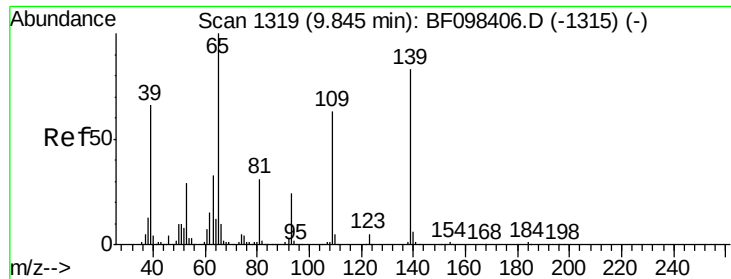
#54
Dibenzofuran
Concen: 42.650 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1335615		
139	39.7	30.6	45.8	
169	14.0	10.8	16.2	



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





#55

4-Nitrophenol

Concen: 80.787 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

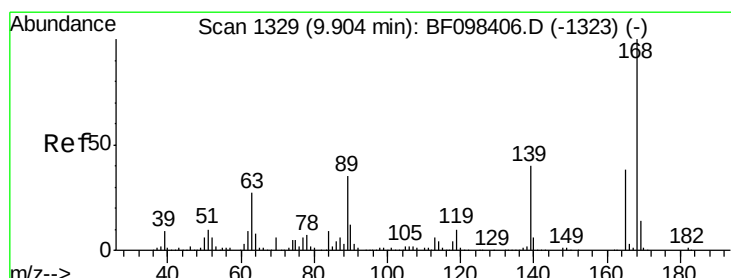
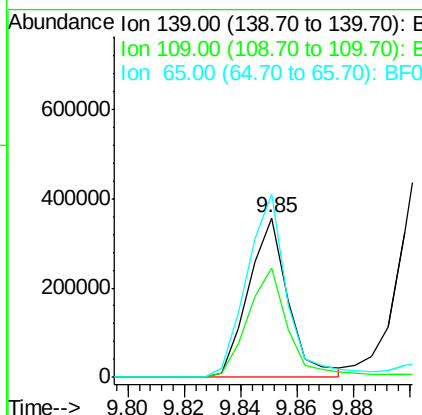
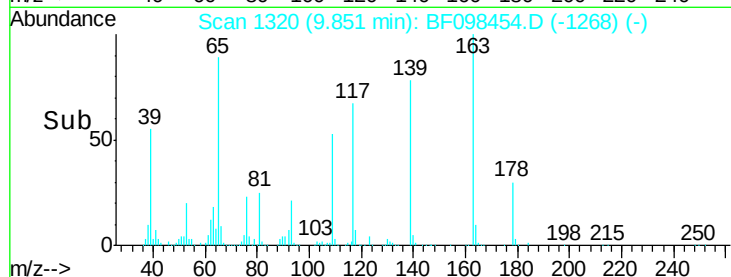
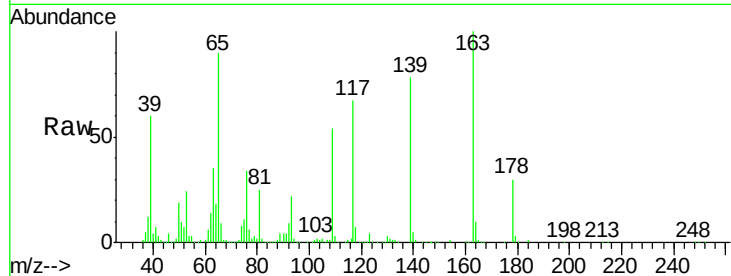
ClientSampleId :

PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	350524		
109	68.7	34.1	74.1	
65	115.2	31.4	71.4	

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#56

2,4-Dinitrotoluene

Concen: 40.589 ng

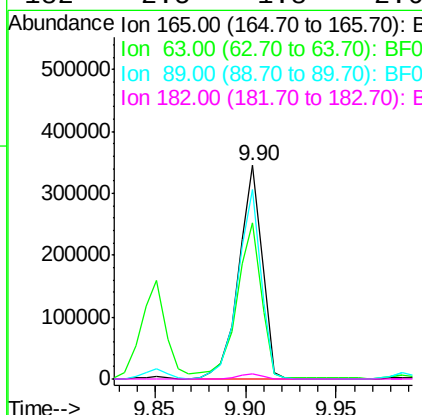
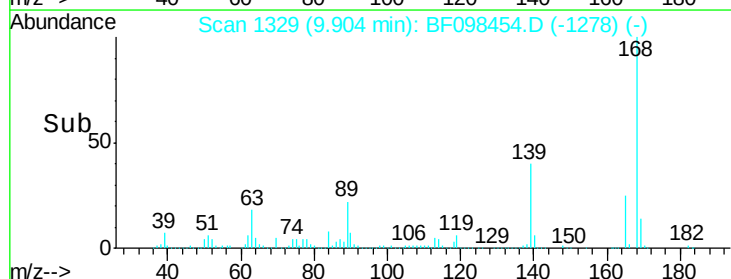
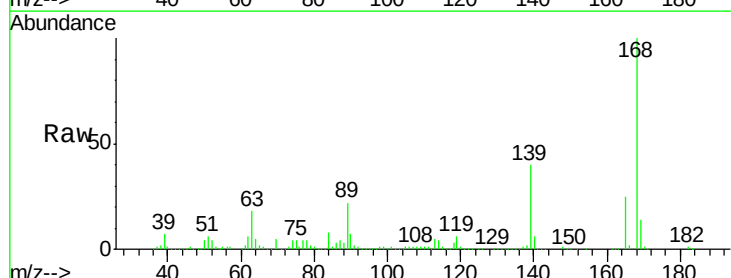
RT: 9.90 min Scan# 1329

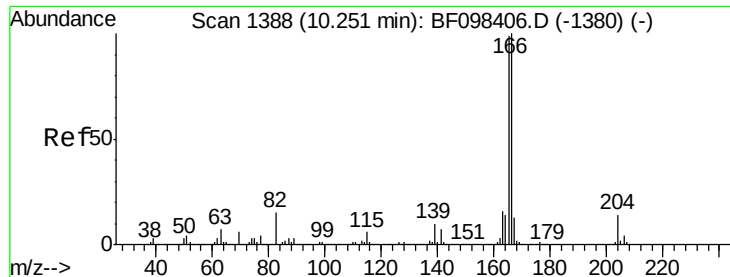
Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	308712		
63	73.3	25.4	38.0	
89	88.9	46.4	69.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 39.383 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampled :

PB102265BS

Tgt Ion:166 Resp: 1020817

Ion Ratio Lower Upper

166 100

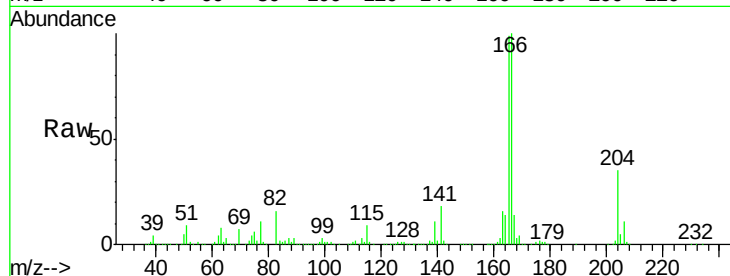
165 98.6 78.8 118.2

167 13.5 10.6 16.0

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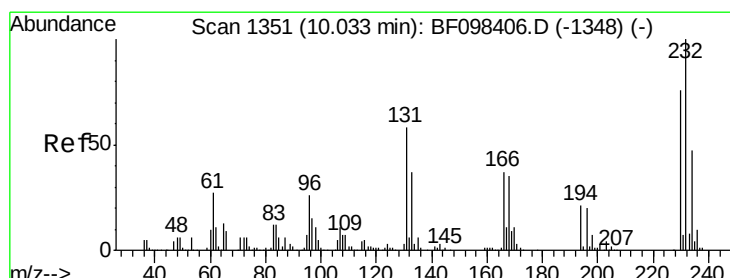
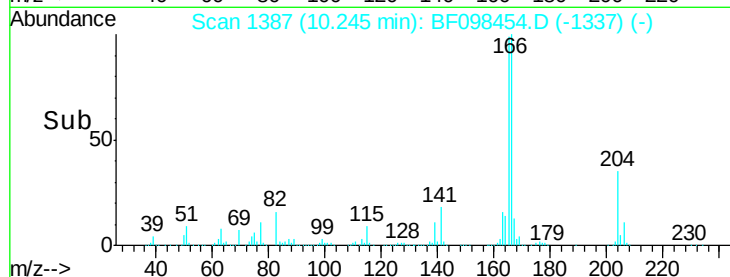
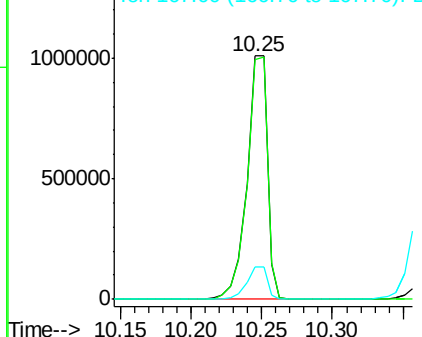
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.515 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion:232 Resp: 240273

Ion Ratio Lower Upper

232 100

131 53.3 44.8 67.2

130 2.4 2.3 3.5

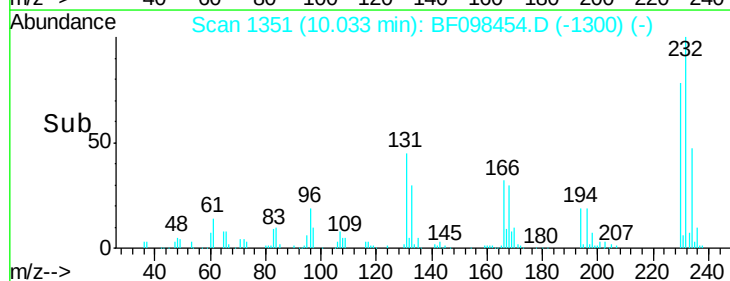
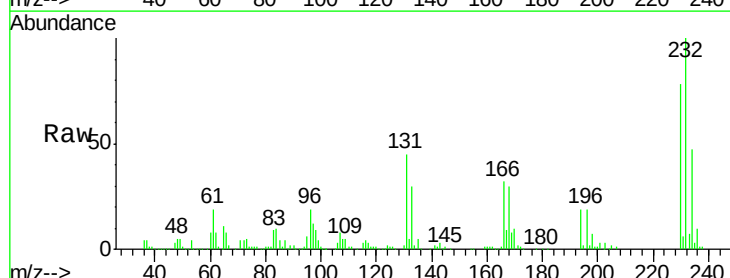
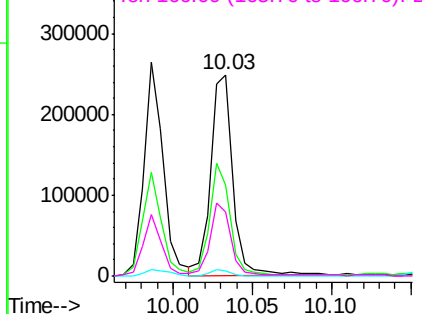
166 34.6 29.0 43.4

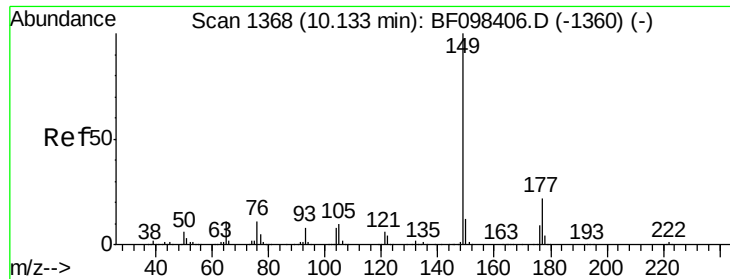
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





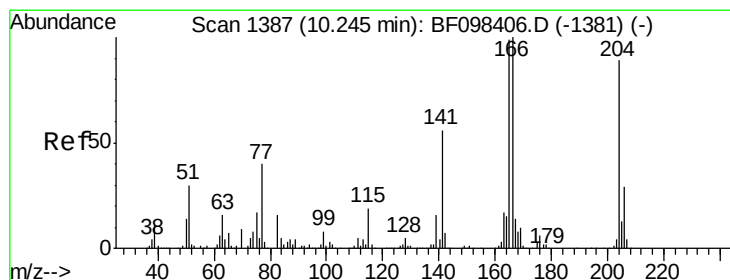
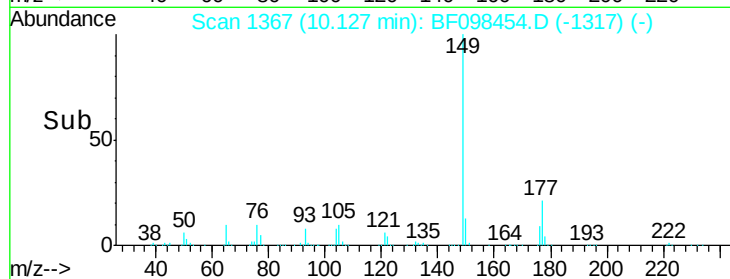
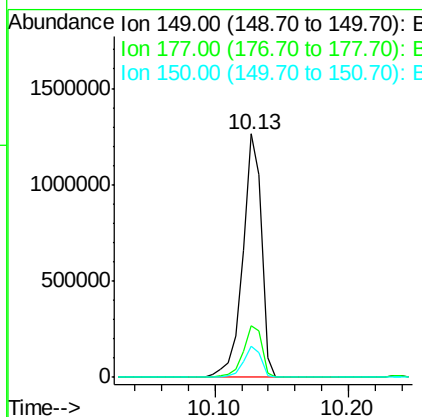
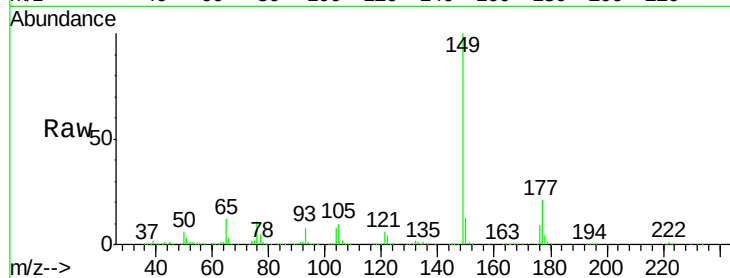
#59
Diethylphthalate
Concen: 41.855 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion:149 Resp: 1212338
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.9 10.2 15.2

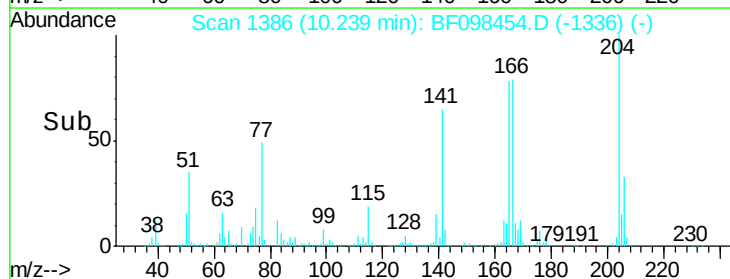
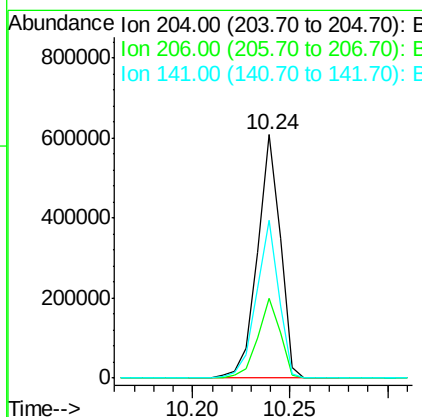
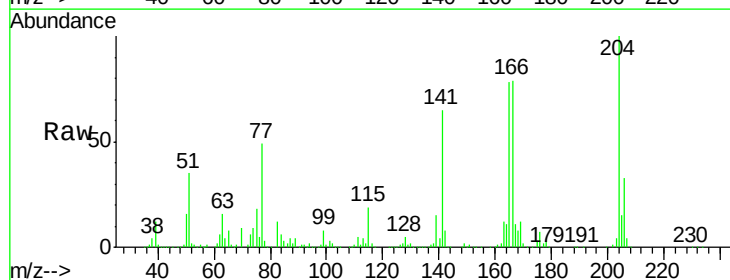
Manual Integrations
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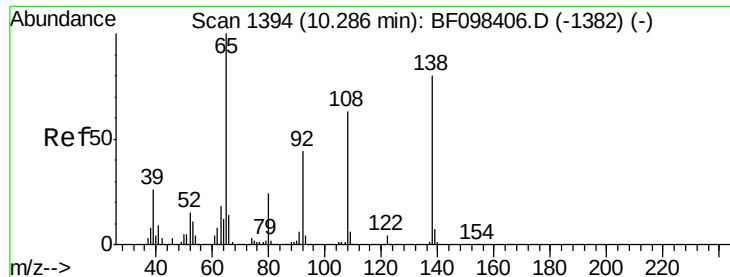
Sohil
9/18/2017 5:10:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.200 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:204 Resp: 493259
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 64.8 60.8 91.2





#61

4-Nitroaniline

Concen: 33.036 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

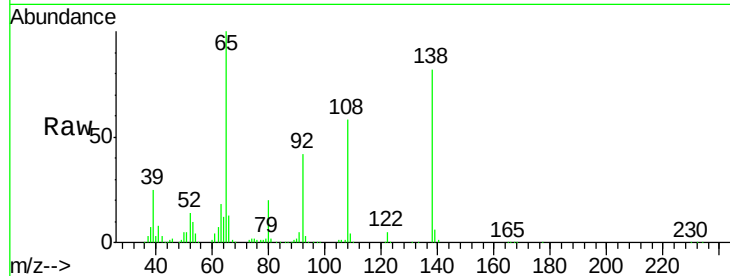
ClientSampleId :

PB102265BS

Tgt Ion:	138	Resp:	251958
Ion Ratio	Lower	Upper	
138	100		
92	50.8	21.8	61.8
108	70.7	42.3	82.3

Manual Integrations
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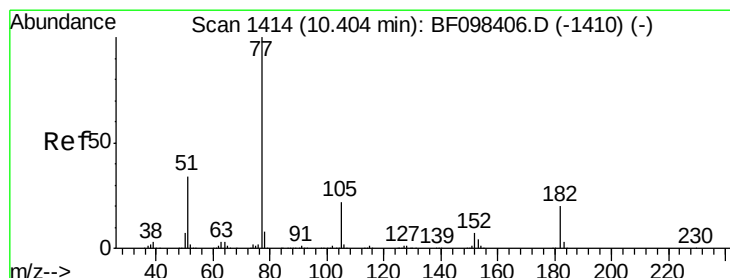
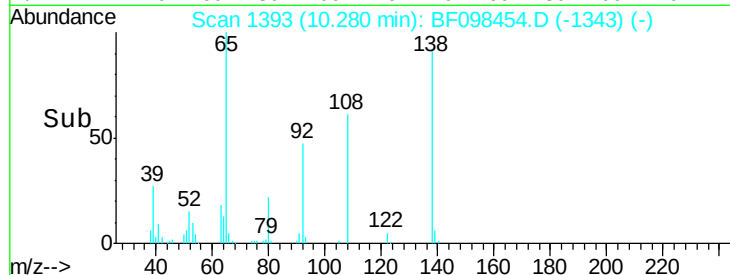
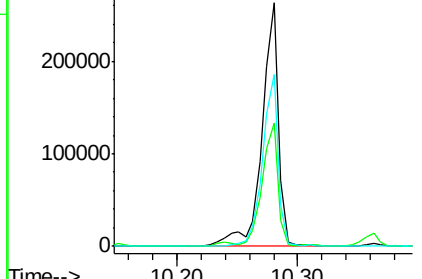
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.093 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

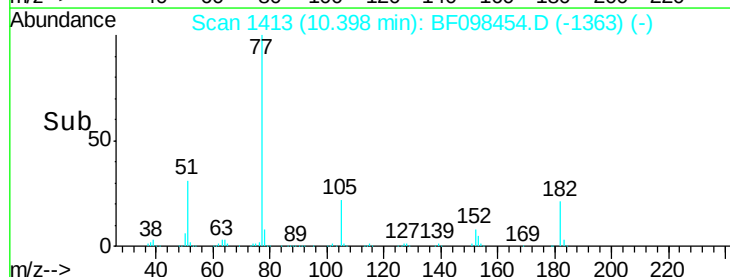
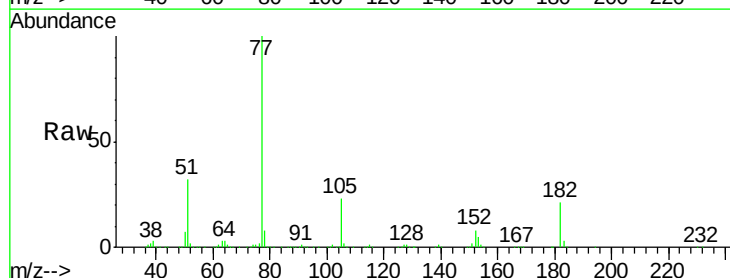
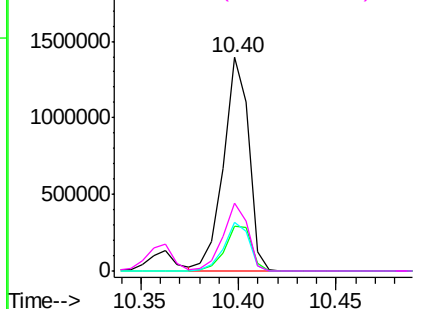
Tgt Ion:	77	Resp:	1251646
Ion Ratio	Lower	Upper	
77	100		
182	20.8	0.1	40.1
105	22.6	3.6	43.6
51	31.6	9.4	49.4

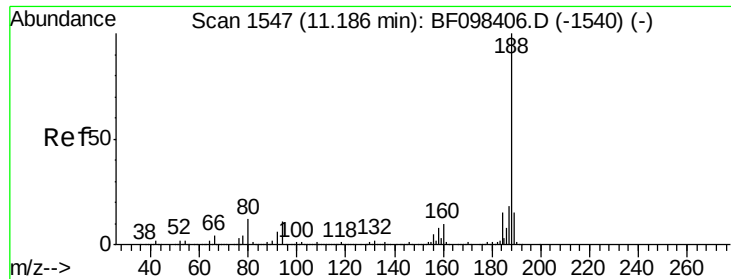
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

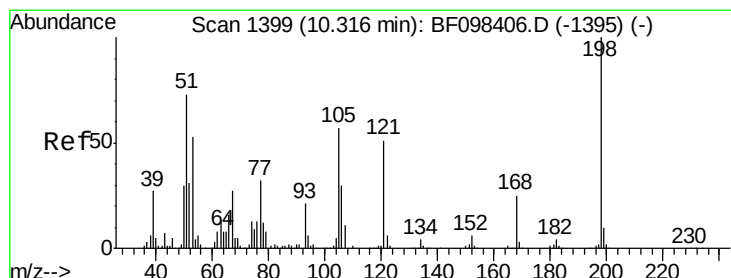
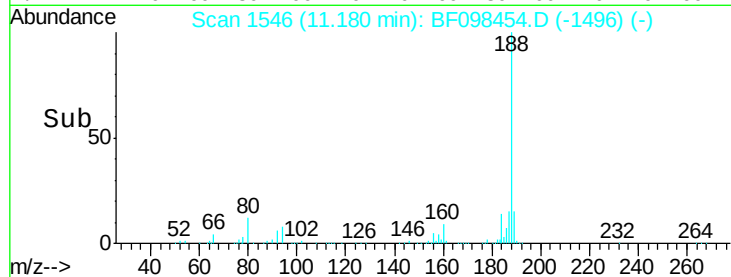
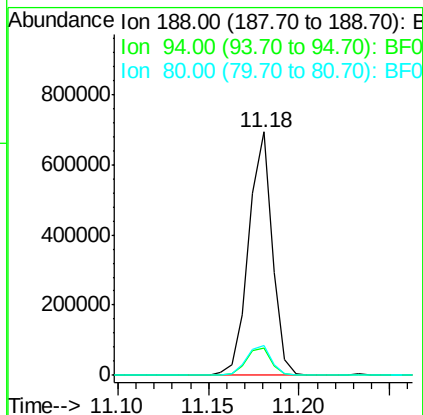
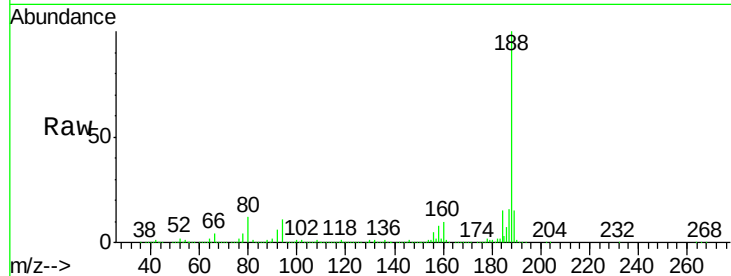
ClientSampleId :

PB102265BS

Tgt Ion:	188	Resp:	622725
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	12.2	10.2	15.2

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 14.114 ng

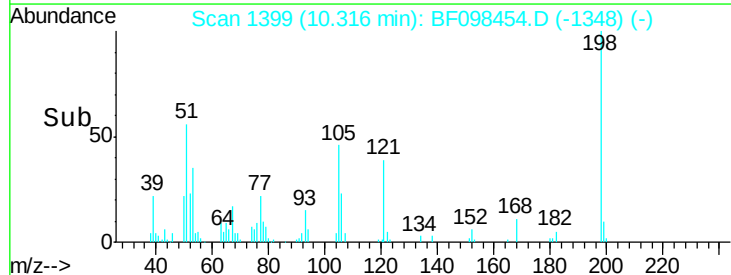
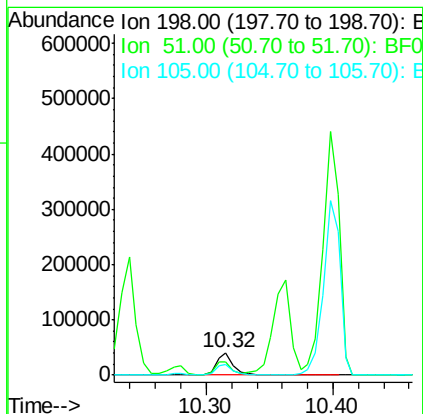
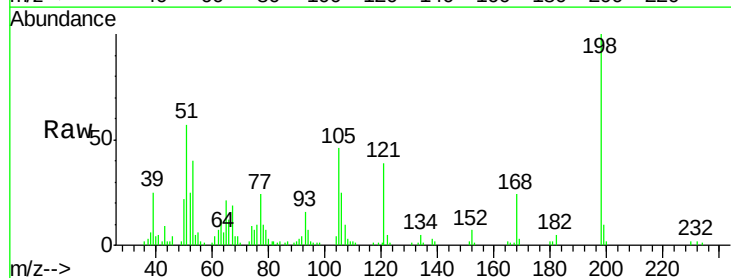
RT: 10.32 min Scan# 1399

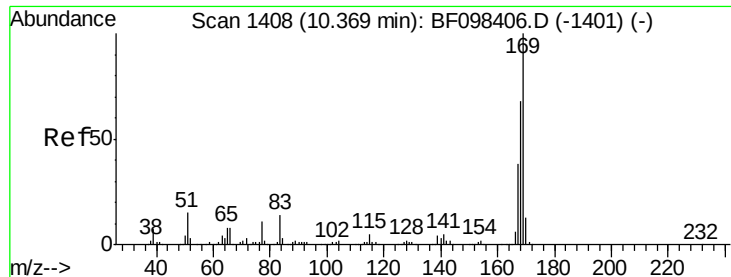
Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion:	198	Resp:	38980
Ion Ratio	Lower	Upper	
198	100		
51	56.8	53.2	93.2
105	46.2	45.8	85.8





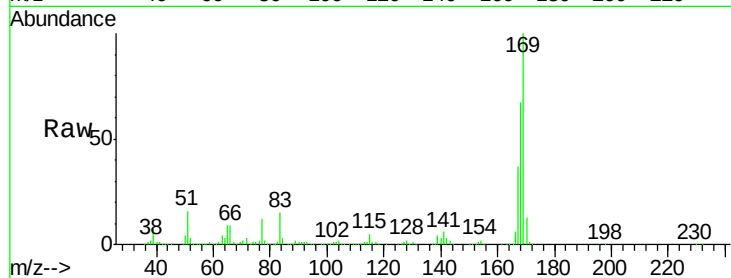
#65
 n-Nitrosodiphenylamine
 Concen: 47.426 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

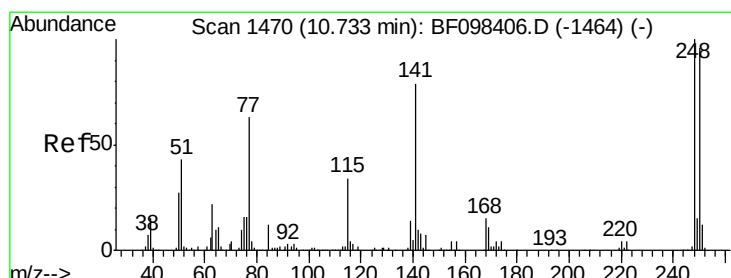
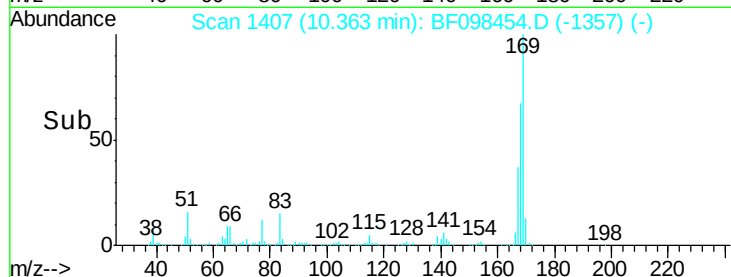
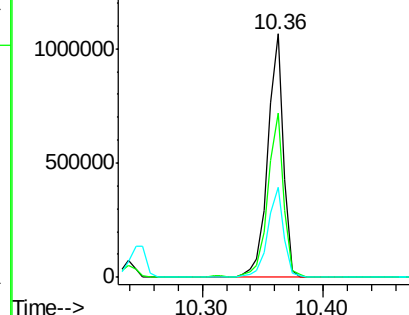
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	958957		
168	67.3	53.2	79.8	
167	37.1	29.5	44.3	

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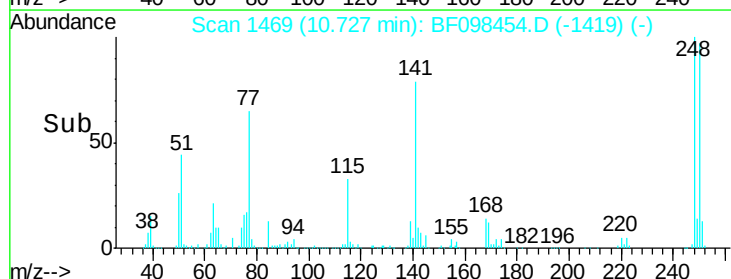
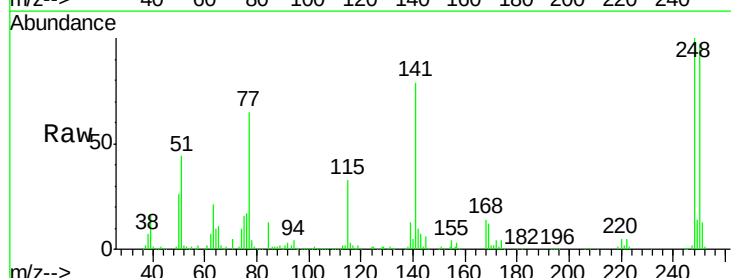
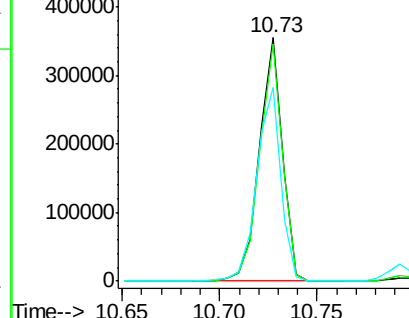
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

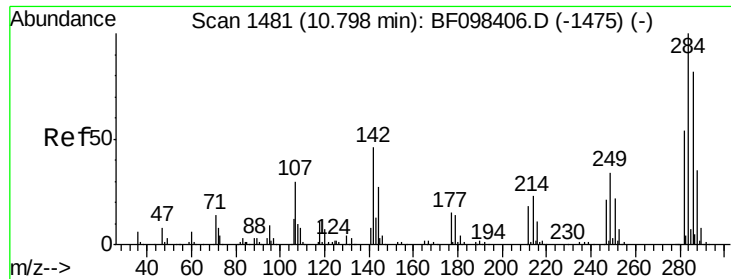


#66
 4-Bromophenyl-phenylether
 Concen: 49.308 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	291424		
250	97.2	76.8	115.2	
141	79.4	68.6	103.0	

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





#67

Hexachlorobenzene

Concen: 44.705 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

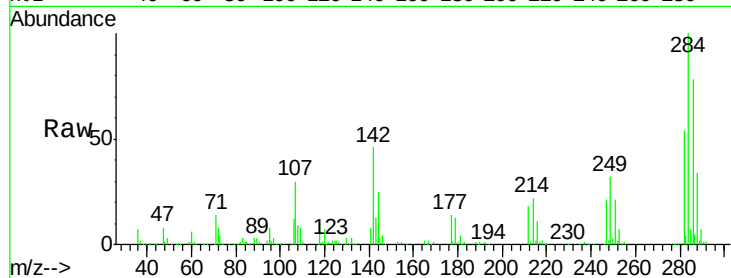
PB102265BS

Tgt Ion:	284	Resp:	268003
Ion Ratio	Lower	Upper	
284	100		
142	45.5	22.8	34.2#
249	32.2	24.0	36.0

Manual Integrations
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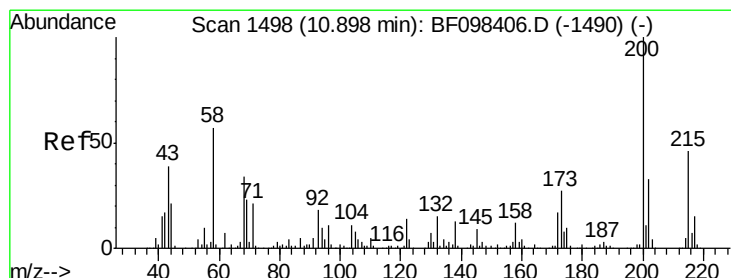
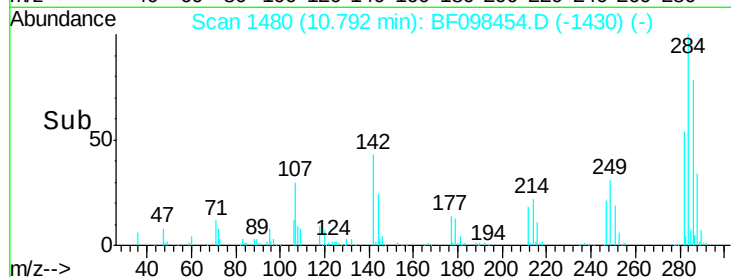
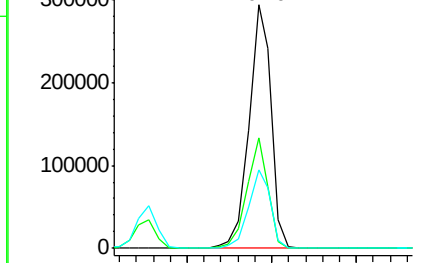
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.432 ng

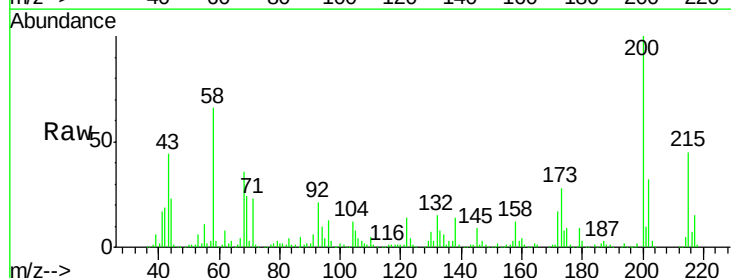
RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

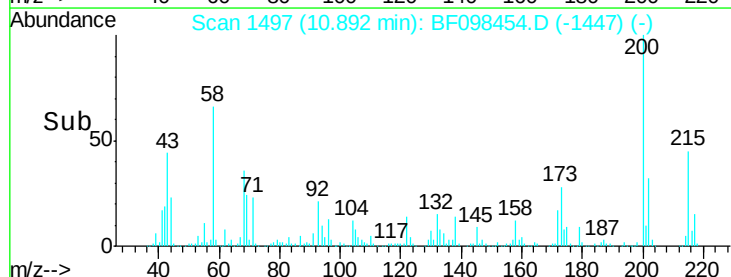
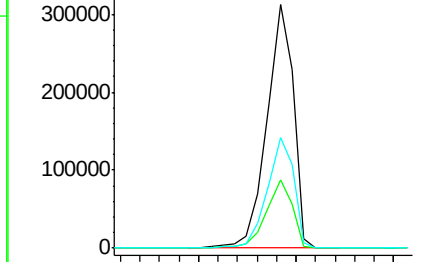
Tgt Ion:	200	Resp:	295264
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.3	46.3
215	45.5	27.2	67.2

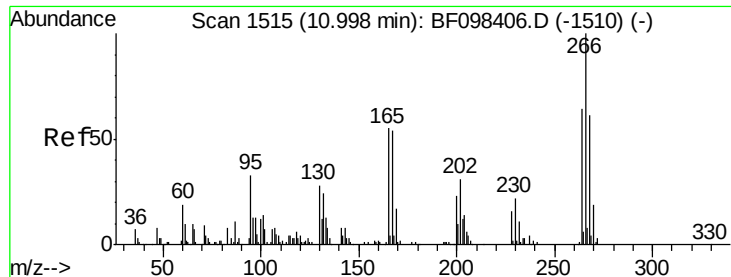


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





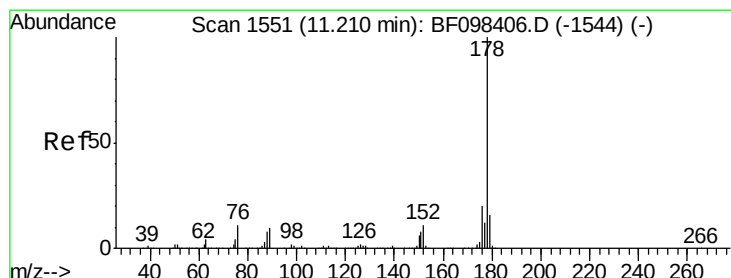
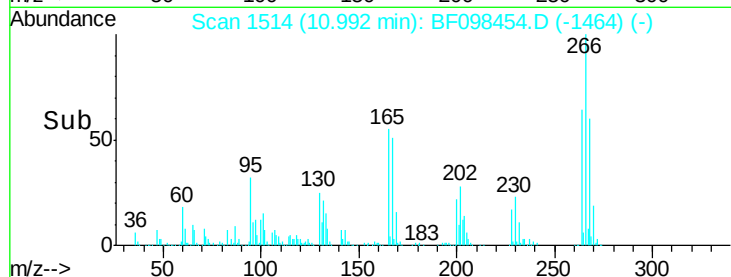
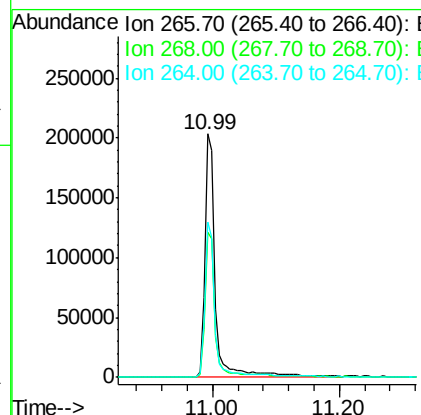
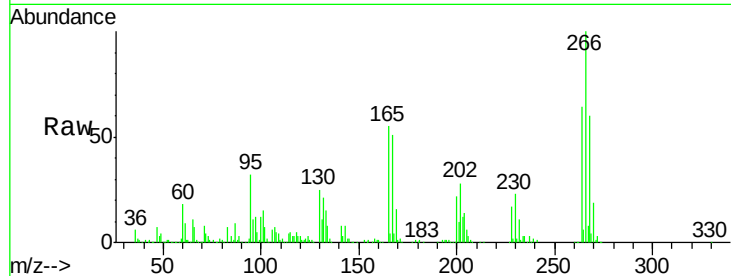
#69
 Pentachlorophenol
 Concen: 85.737 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	228970		
268	59.8		51.1	76.7
264	63.7		51.7	77.5

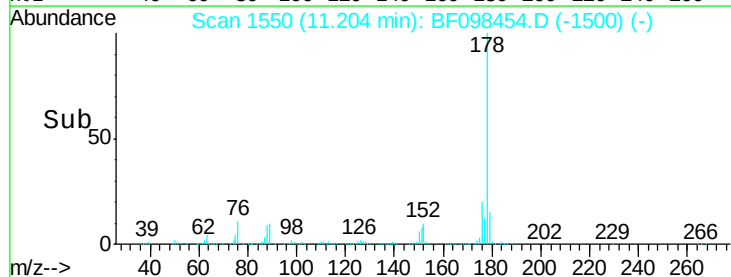
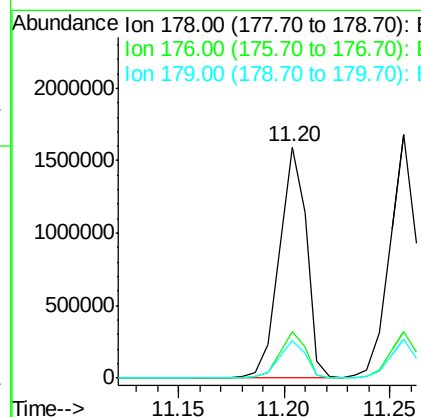
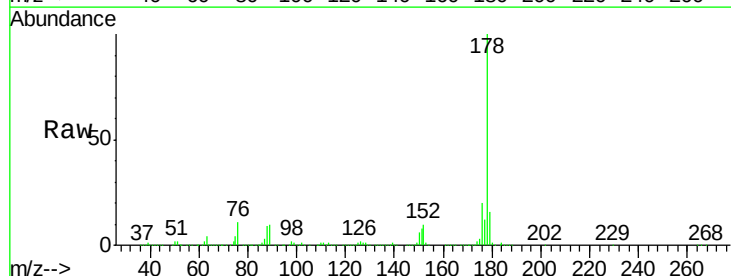
Manual Integrations
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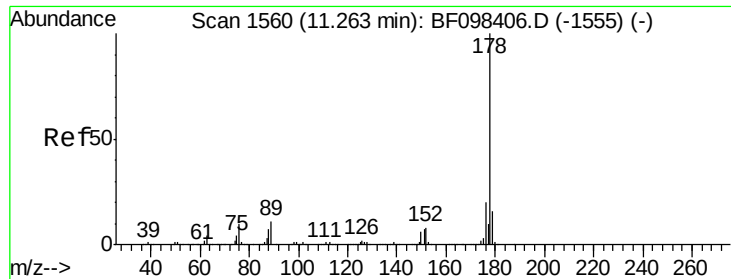
Sohil
 9/18/2017 5:10:53 PM



#70
 Phenanthrene
 Concen: 43.212 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1426547		
176	20.0		16.2	24.4
179	16.0		12.6	19.0





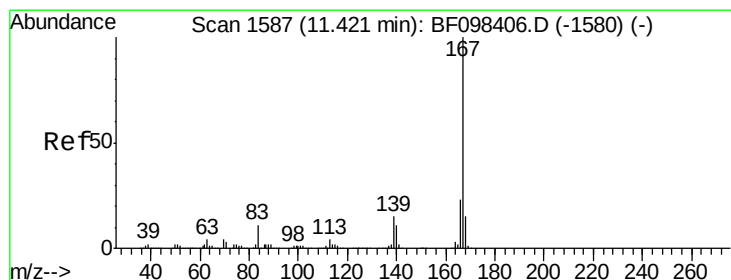
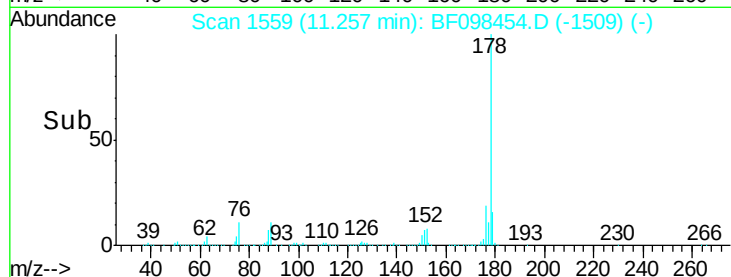
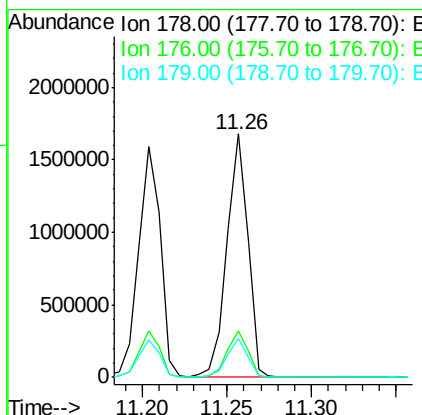
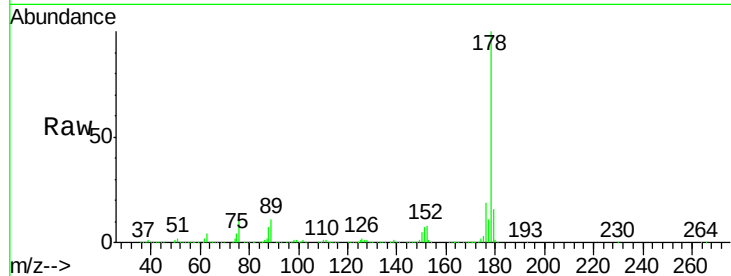
#71
 Anthracene
 Concen: 42.707 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion:178 Resp: 1447495
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1

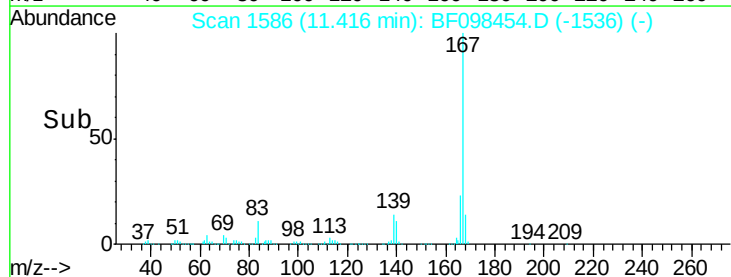
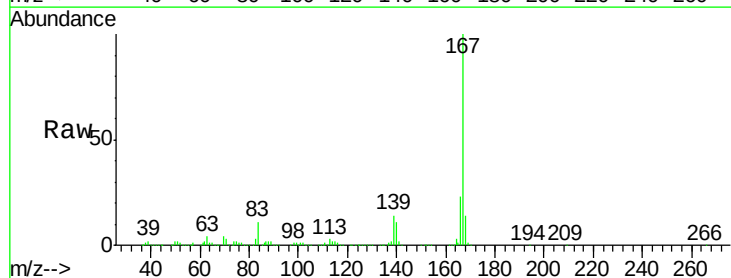
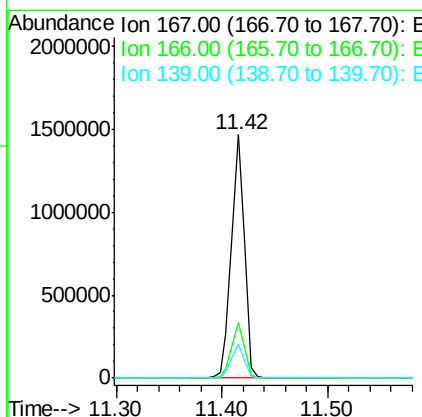
Manual Integrations
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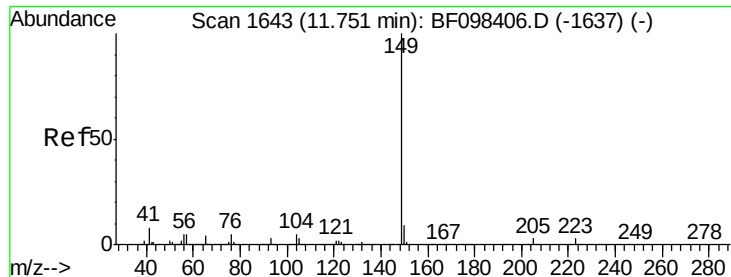
Sohil
 9/18/2017 5:10:53 PM



#72
 Carbazole
 Concen: 39.363 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:167 Resp: 1243389
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.7 11.7 17.5





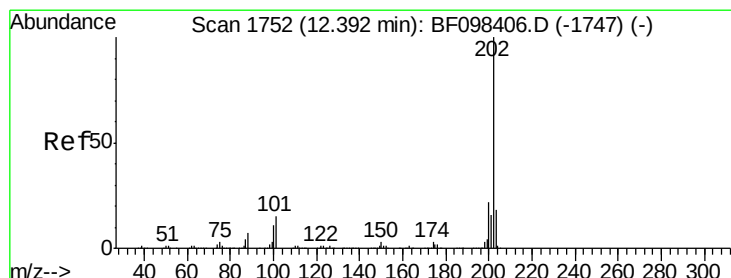
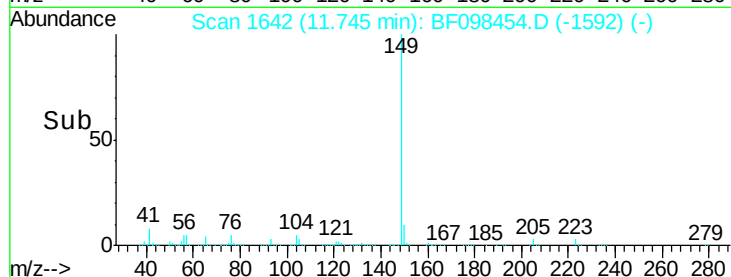
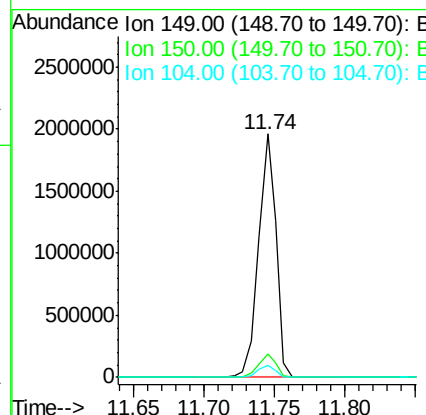
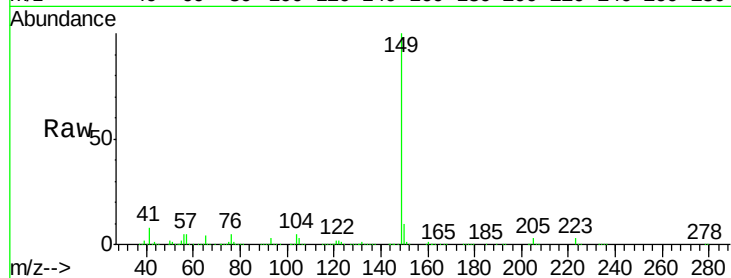
#73
Di-n-butylphthalate
Concen: 45.229 ng
RT: 11.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion:149 Resp: 1711782
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 5.1 4.0 6.0

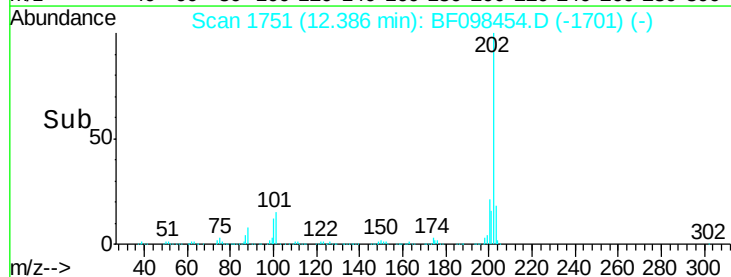
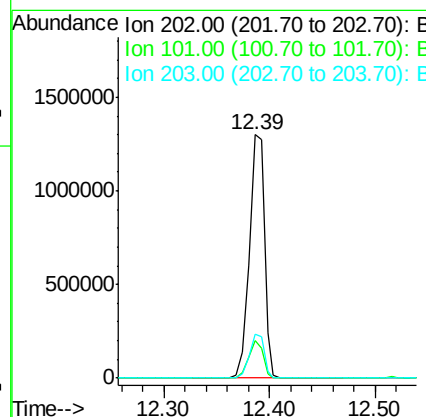
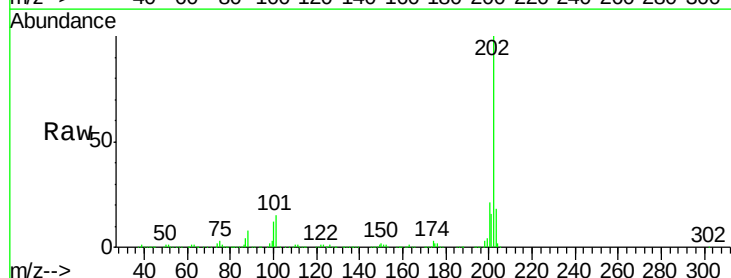
Manual Integrations
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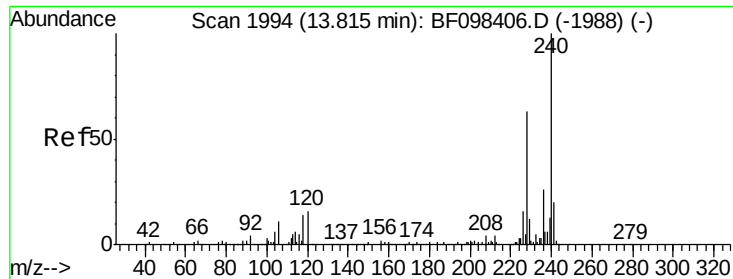
Sohil
9/18/2017 5:10:53 PM



#74
Fluoranthene
Concen: 38.660 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:202 Resp: 1277624
Ion Ratio Lower Upper
202 100
101 15.3 0.0 33.2
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion:240 Resp: 390857
Ion Ratio Lower Upper

240 100

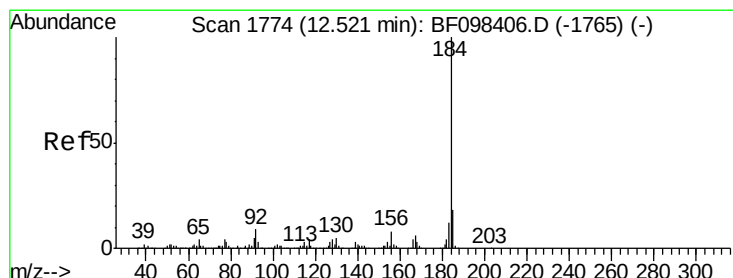
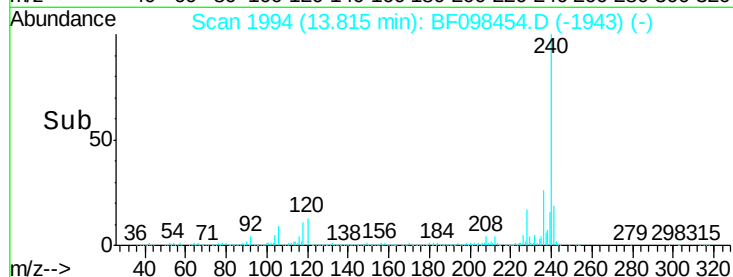
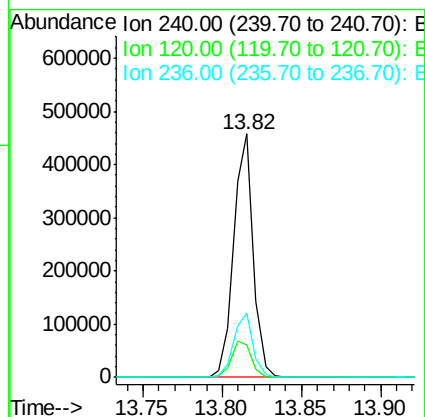
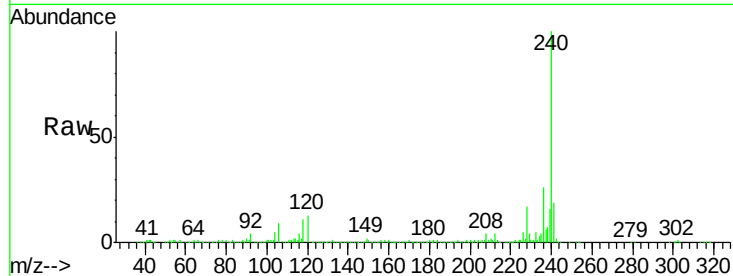
120 13.2 5.8 8.8#

236 26.4 20.5 30.7

Manual Integrations
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Sohil

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#76

Benzidine

Concen: 48.151 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098454.D

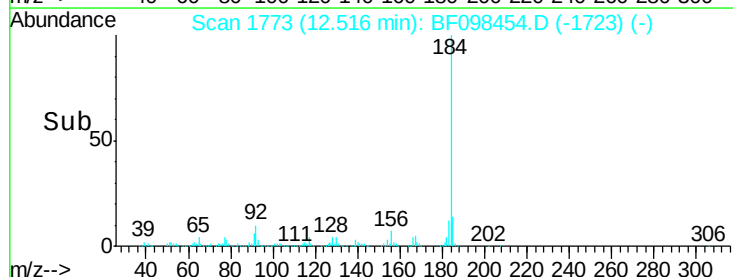
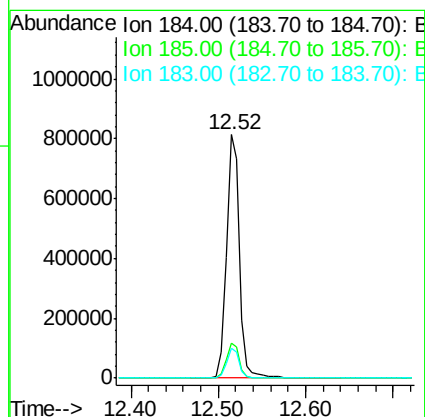
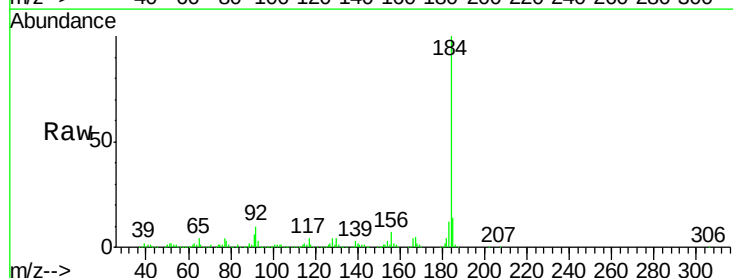
Acq: 12 Sep 2017 17:03

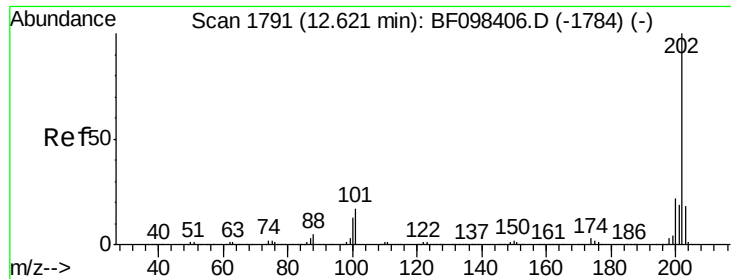
Tgt Ion:184 Resp: 832912
Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

183 12.1 9.8 14.6





#77

Pyrene

Concen: 41.942 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion:202 Resp: 1293200

Ion Ratio Lower Upper

202 100

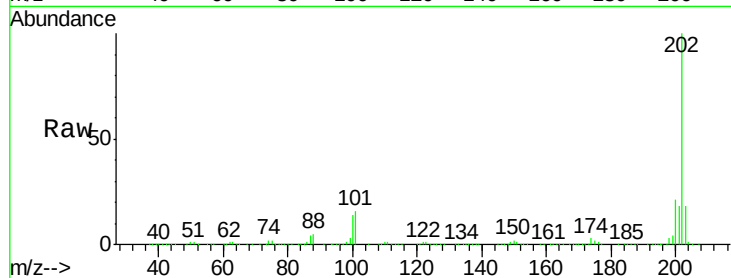
200 21.4 17.6 26.4

203 18.1 14.4 21.6

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Sohil

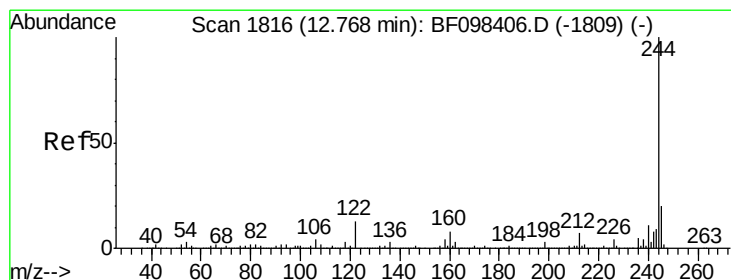
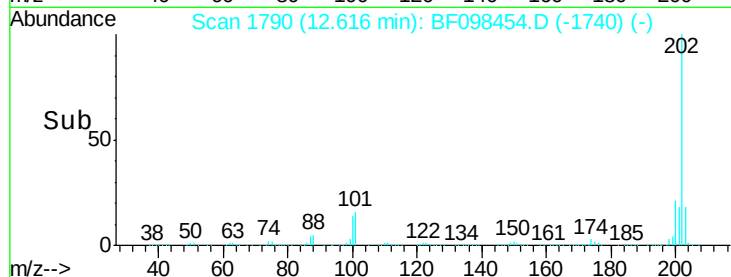
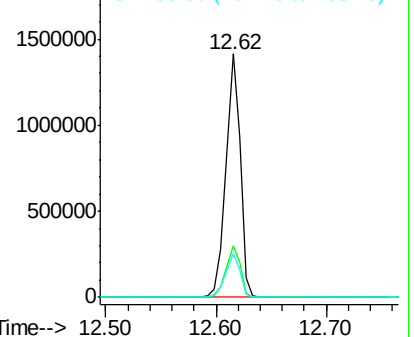
9/18/2017 5:10:53 PM



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: 82.655 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

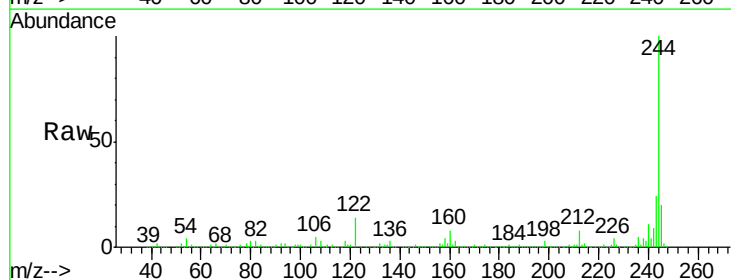
Tgt Ion:244 Resp: 1496729

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

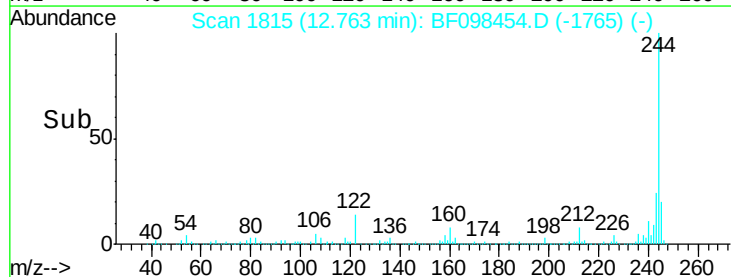
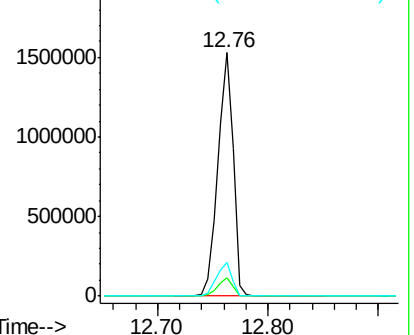
122 13.8 10.3 15.5

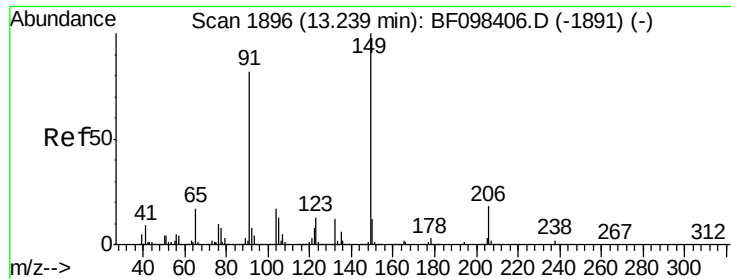


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





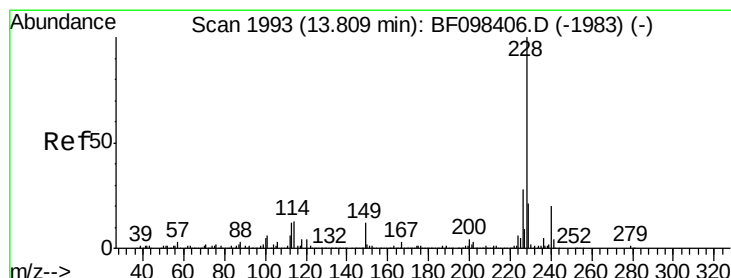
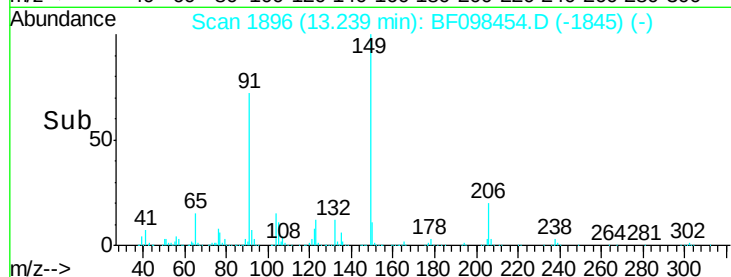
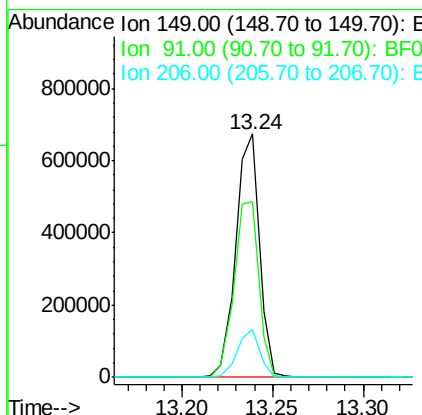
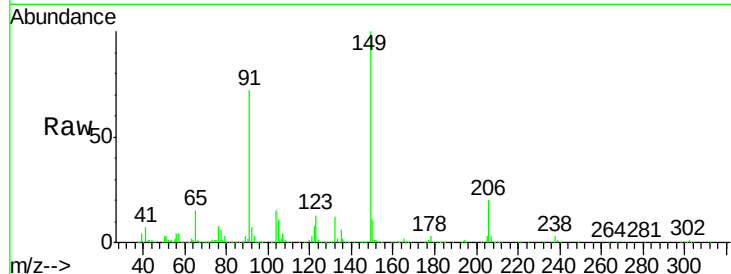
#79
Butylbenzylphthalate
Concen: 45.782 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	612396		
91	72.3	45.0	67.4#	
206	19.9	17.0	25.6	

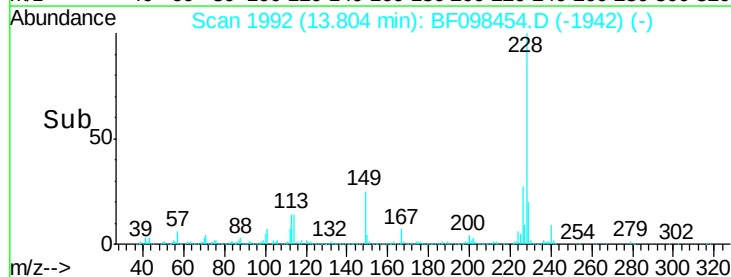
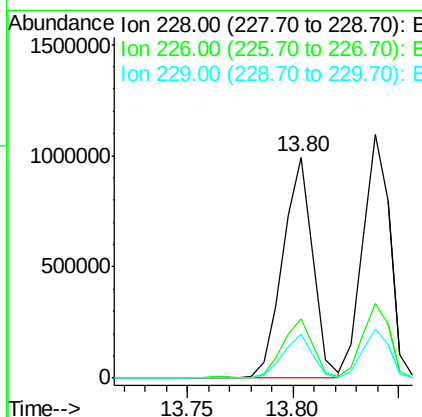
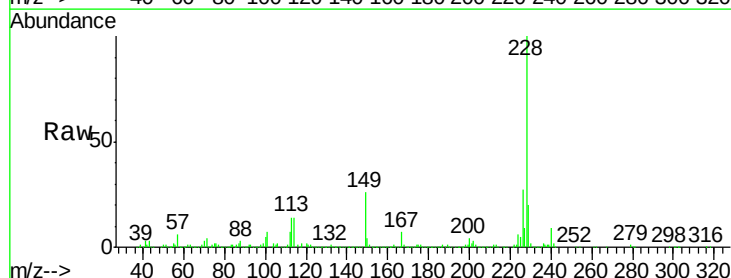
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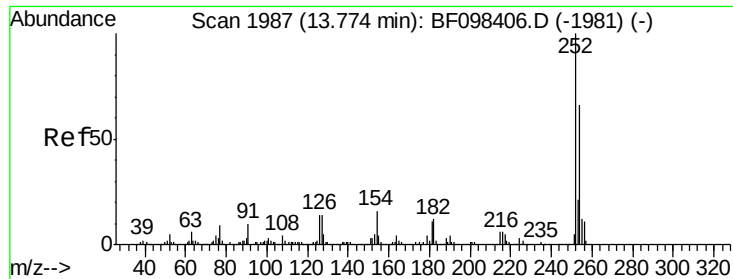
Sohil
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#80
Benzo(a)anthracene
Concen: 43.004 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	985442		
226	27.1	22.6	33.8	
229	20.2	16.3	24.5	





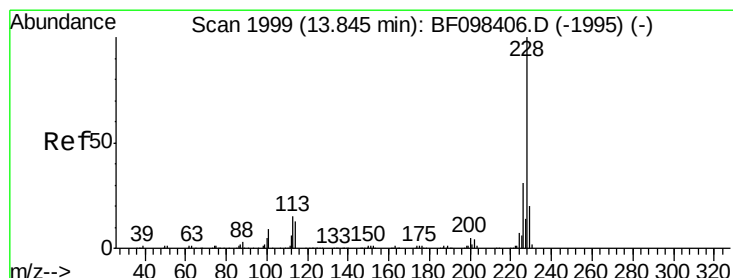
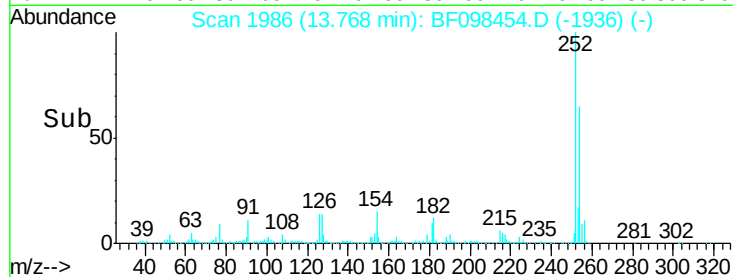
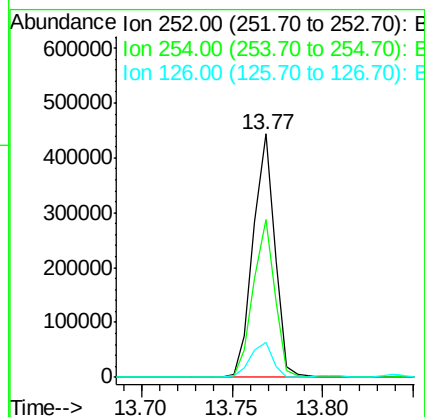
#81
 3,3'-Dichlorobenzidine
 Concen: 41.678 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion:	252	Resp:	371156
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.5	77.3
126	14.4	15.8	23.8

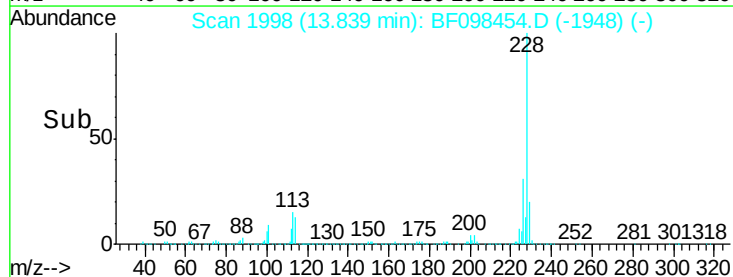
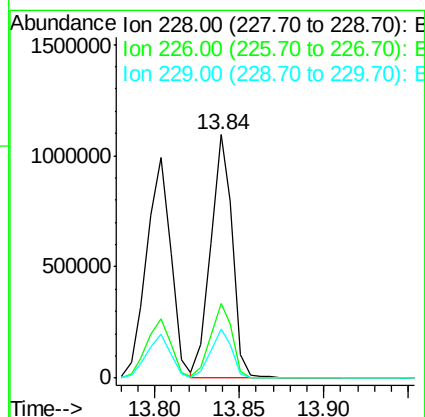
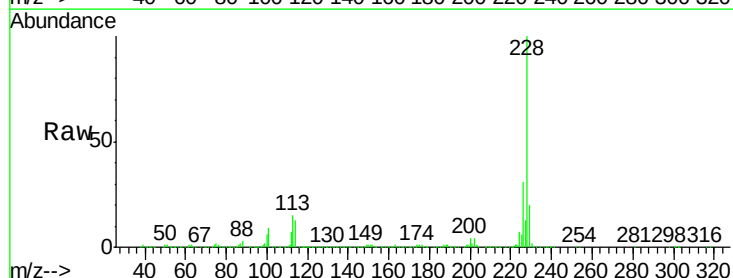
Manual Integrations
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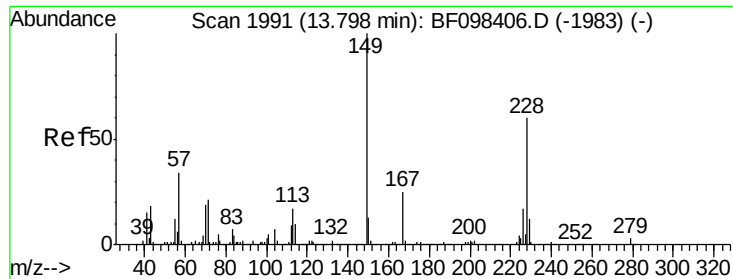
Sohil
 9/18/2017 5:10:53 PM



#82
 Chrysene
 Concen: 42.439 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:	228	Resp:	983024
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.3	15.8	23.6





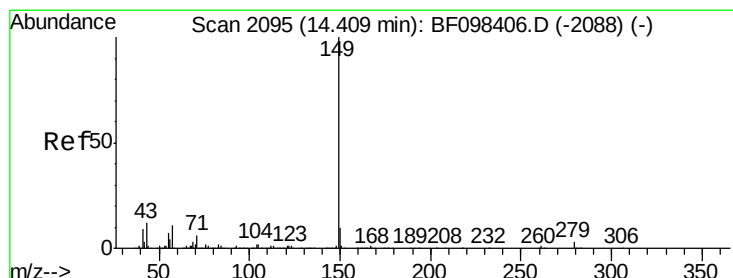
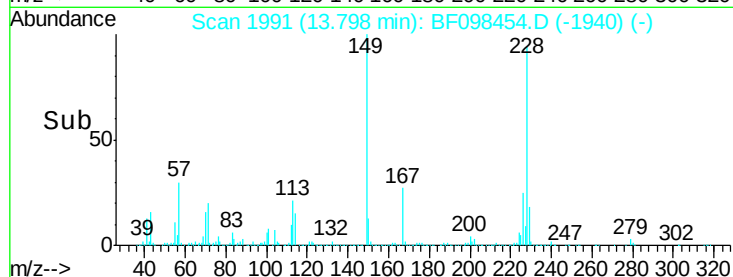
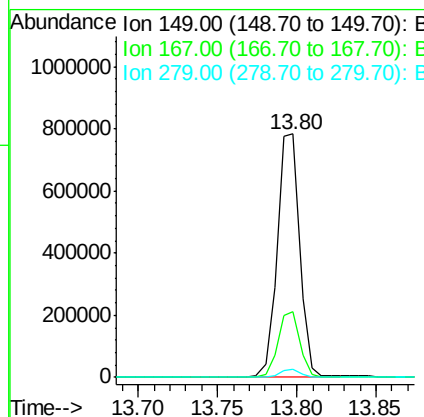
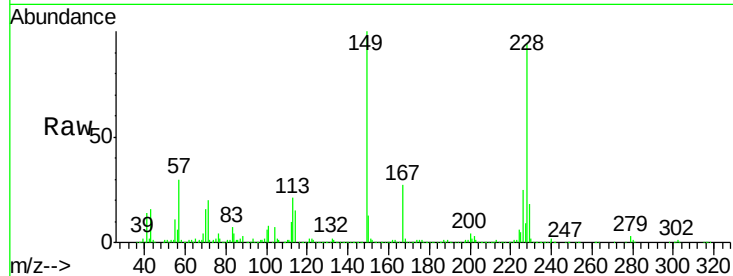
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.096 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	773842		
167	27.2	21.0	31.4	
279	3.1	1.9	2.9#	

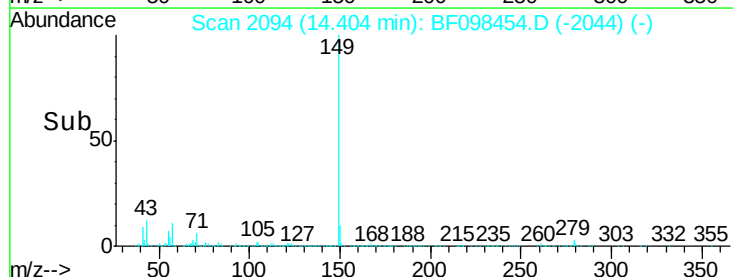
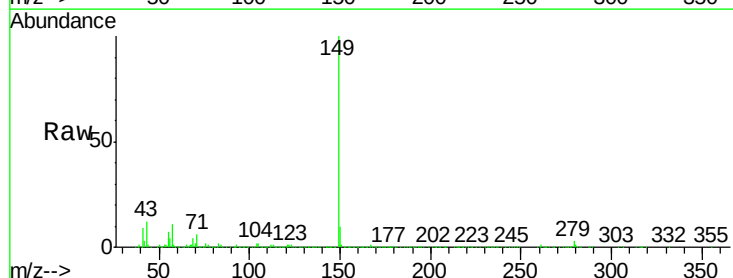
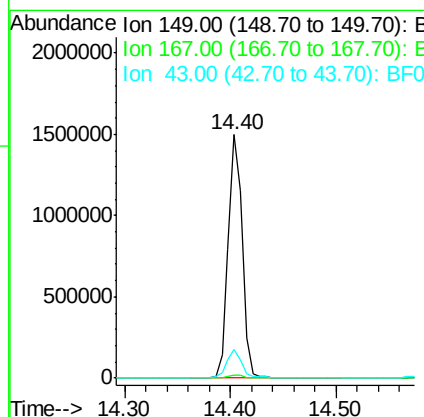
Manual Integrations
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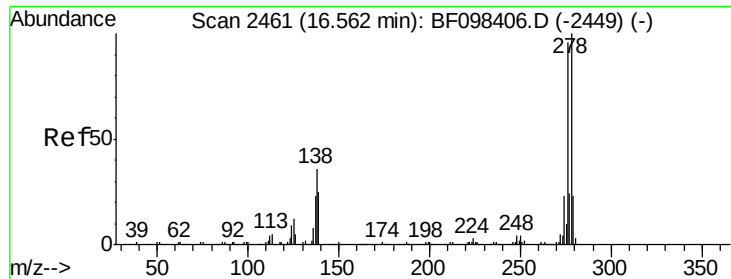
Sohil
 9/18/2017 5:10:53 PM



#84
 Di-n-octyl phthalate
 Concen: 47.934 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1380617		
167	1.6	1.2	1.8	
43	11.3	8.5	12.7	





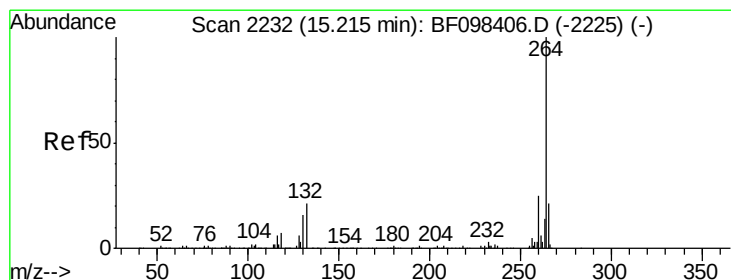
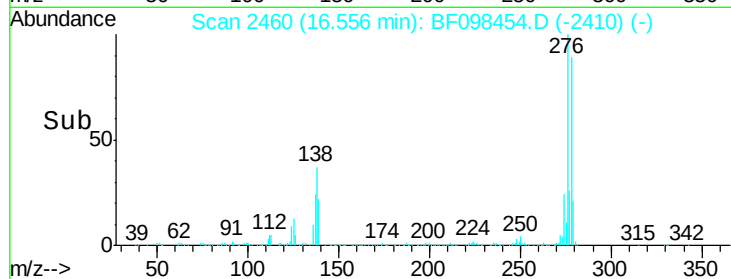
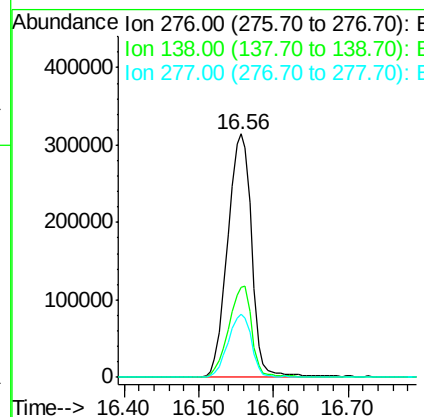
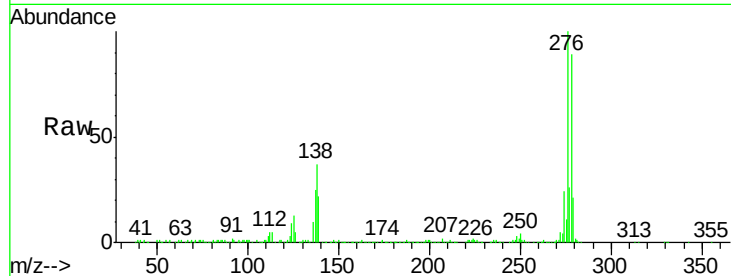
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.674 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	709755		
138	36.4		27.8	41.6
277	25.4		20.2	30.4

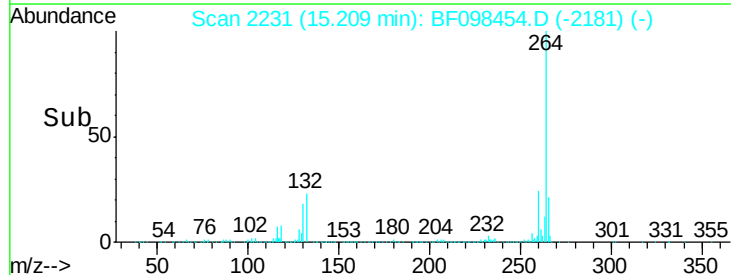
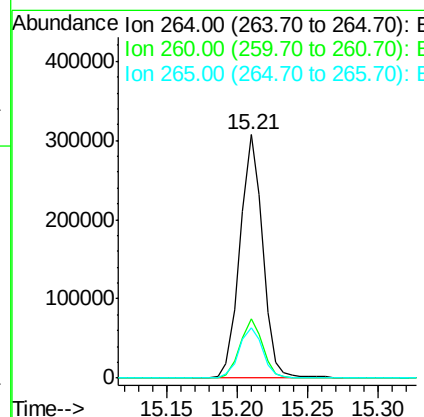
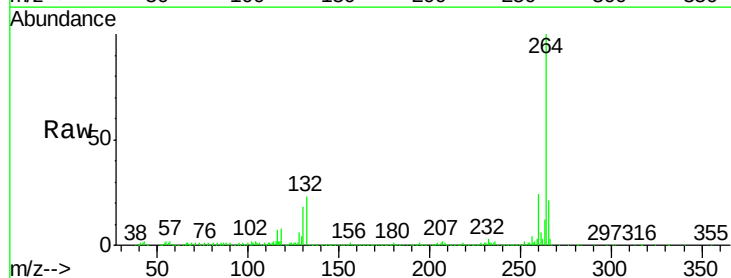
Manual Integrations
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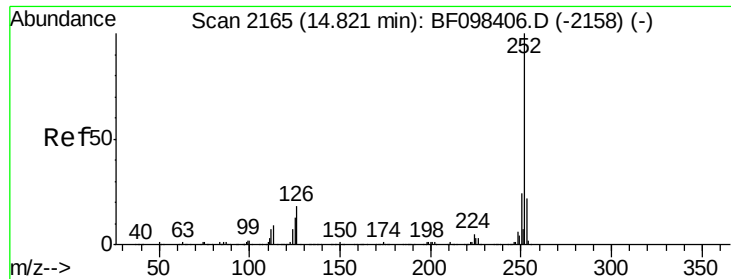
Sohil
 9/18/2017 5:10:53 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	345690		
260	24.3		19.5	29.3
265	20.9		17.2	25.8





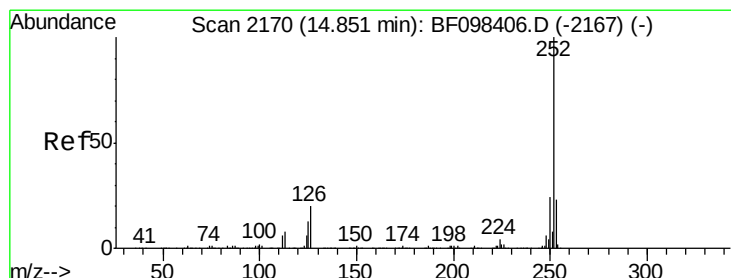
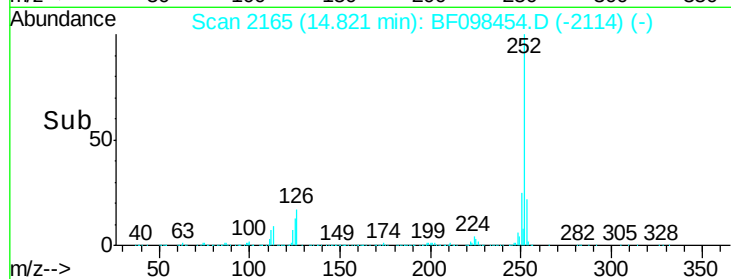
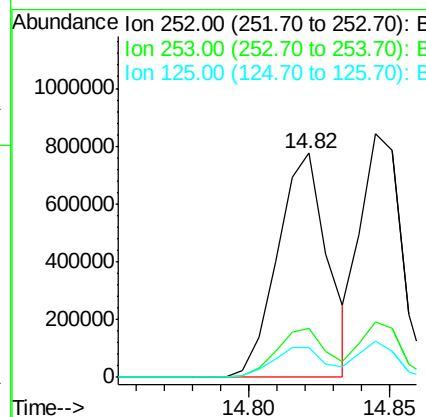
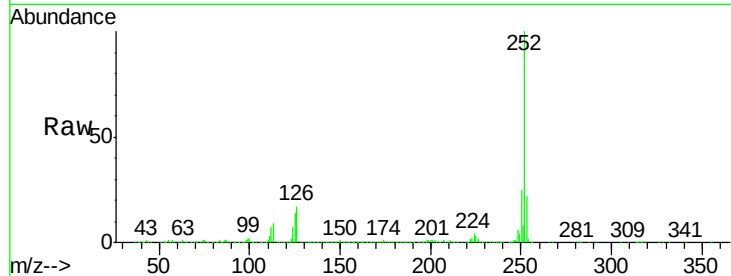
#87
Benzo(b)fluoranthene
Concen: 43.978 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.6	9.8	14.8

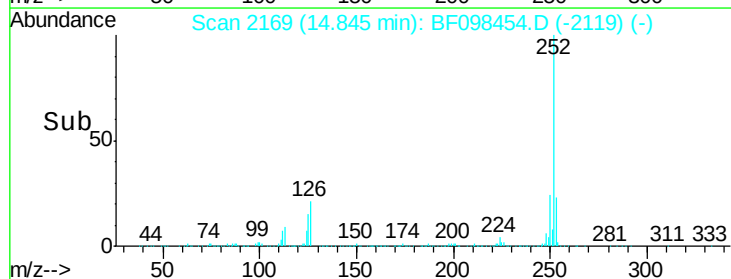
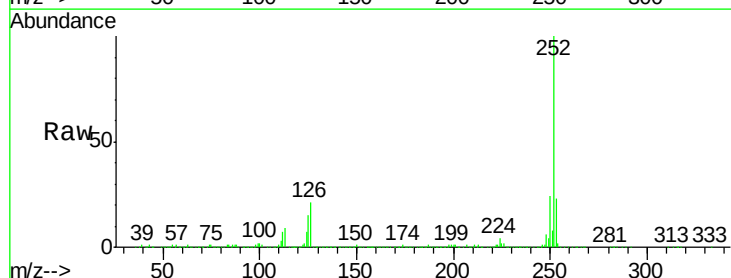
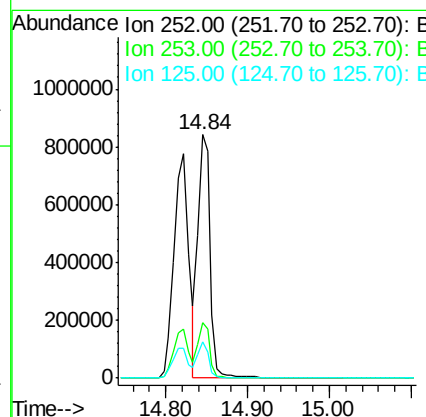
Manual Integrations
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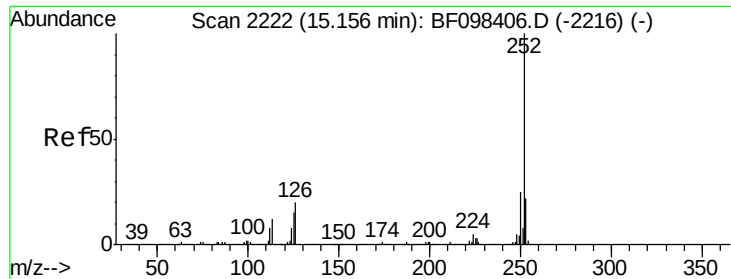
Sohil
9/18/2017 5:10:53 PM



#88
Benzo(k)fluoranthene
Concen: 42.693 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.0	13.1	19.7





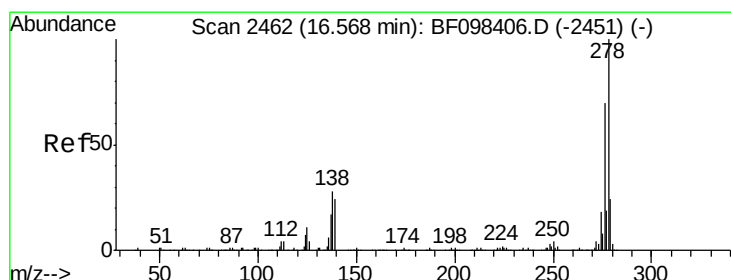
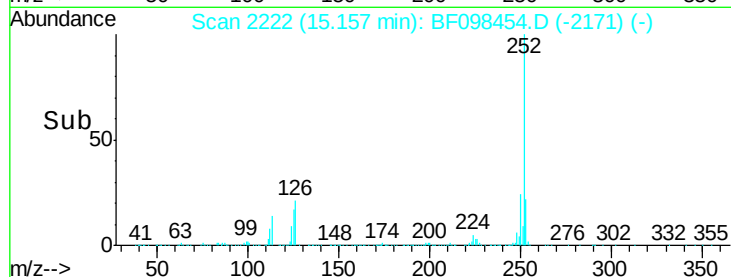
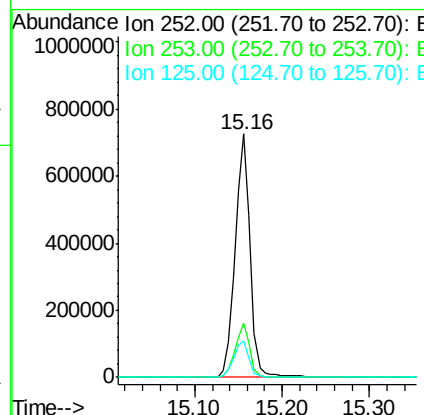
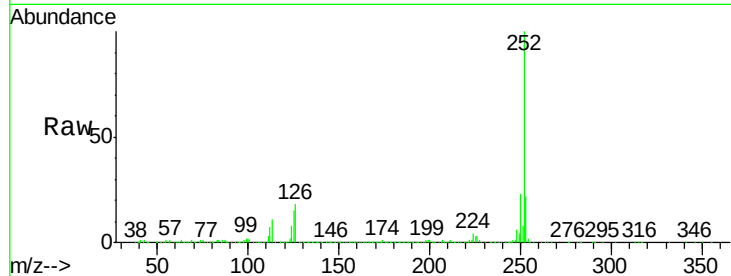
#89
Benzo(a)pyrene
Concen: 43.820 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.8	11.0	16.4

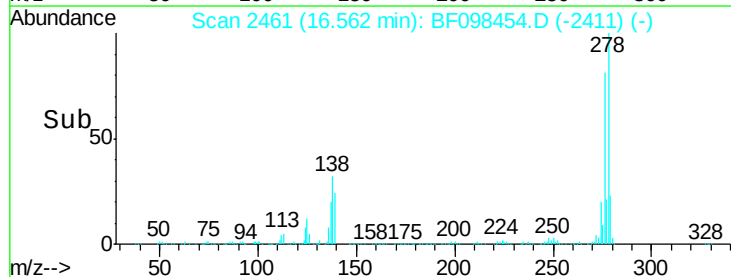
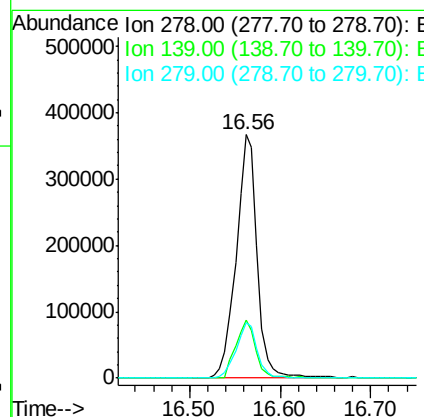
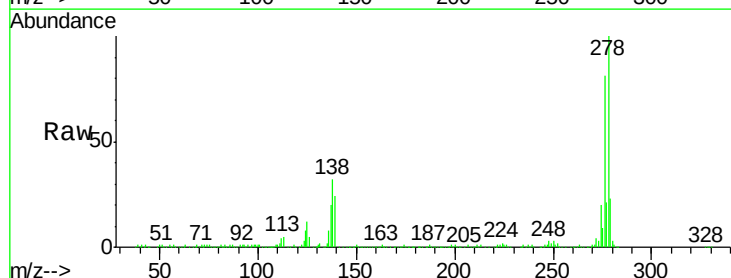
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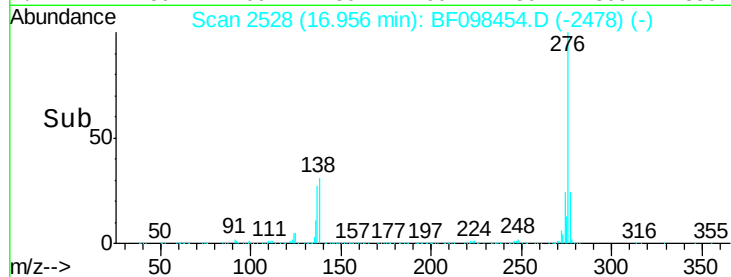
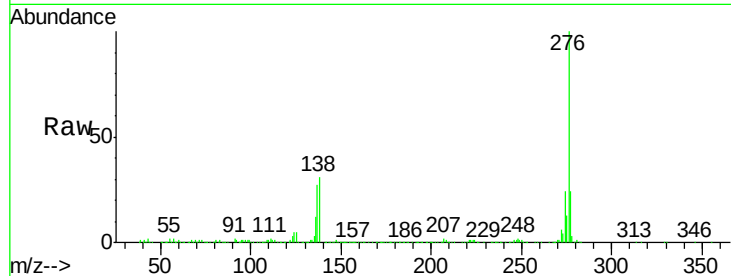
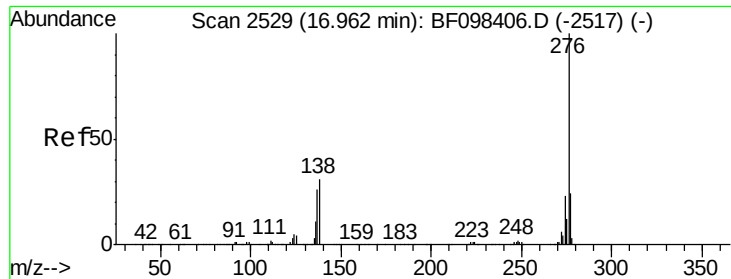
Sohil
9/18/2017 5:10:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.229 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	22.9	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 40.049 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tgt Ion:	276	Resp:	567425
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.6	28.0
138	30.8	25.4	38.0

Manual Integrations
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Sohil
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