

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097002.D
 Acq On : 24 Jul 2017 23:10
 Operator : SJ/JU
 Sample : I4360-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:26 PM

Quant Time: Jul 25 03:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	122884	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	570786	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	253259	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	429834	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	252044	20.00	ng	-0.04
86) Perylene-d12	14.99	264	229015	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1066598	130.51	ng	-0.02
7) Phenol-d6	6.19	99	1243198	126.76	ng	-0.03
23) Nitrobenzene-d5	7.09	82	821599	89.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	238575	110.36	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1231184	76.81	ng	-0.03
78) Terphenyl-d14	12.60	244	971906	66.87	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	145775	34.664	ng	# 76
4) n-Nitrosodimethylamine	2.69	42	250903	50.766	ng	84
6) Aniline	6.18	93	94228	7.800	ng	# 7
8) 2-Chlorophenol	6.31	128	391545	44.409	ng	97
9) Benzaldehyde	6.06	77	151189	26.671	ng	95
10) Phenol	6.20	94	506230	45.660	ng	95
11) bis(2-Chloroethyl)ether	6.26	93	387881	46.523	ng	91
12) 1,3-Dichlorobenzene	6.46	146	397440	42.407	ng	98
13) 1,4-Dichlorobenzene	6.53	146	407809	42.968	ng	95
14) 1,2-Dichlorobenzene	6.69	146	375048	43.446	ng	96
15) Benzyl Alcohol	6.67	79	297589	46.347	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	815354	47.387	ng	57
17) 2-Methylphenol	6.80	107	324894	47.387	ng	# 87
18) Hexachloroethane	7.03	117	158946	47.229	ng	# 82
19) n-Nitroso-di-n-propylamine	6.95	70	288747	48.869	ng	# 83
20) 3+4-Methylphenols	6.96	107	439198	52.789	ng	# 64
22) Acetophenone	6.93	105	572260	44.858	ng	# 98
24) Nitrobenzene	7.10	77	435266	45.671	ng	94
25) Isophorone	7.35	82	813149	47.435	ng	97
26) 2-Nitrophenol	7.42	139	237886	44.890	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	383290	43.965	ng	96
28) bis(2-Chloroethoxy)methane	7.56	93	549687	47.453	ng	99
29) 2,4-Dichlorophenol	7.67	162	342758	43.434	ng	97
30) 1,2,4-Trichlorobenzene	7.75	180	316333	42.160	ng	98
31) Naphthalene	7.82	128	1186879	43.894	ng	99
32) Benzoic acid	7.59	122	80212	14.395	ng	90
33) 4-Chloroaniline	7.87	127	183443	17.123	ng	98
34) Hexachlorobutadiene	7.95	225	155729	38.879	ng	96
35) Caprolactam	8.26	113	72474m	28.662	ng	
36) 4-Chloro-3-methylphenol	8.38	107	372326	43.879	ng	88
37) 2-Methylnaphthalene	8.51	142	778954	45.187	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	256010	37.395	ng	98
40) Hexachlorocyclopentadiene	8.67	237	219012	84.742	ng	99
42) 2,4,6-Trichlorophenol	8.80	196	203631	40.323	ng	96

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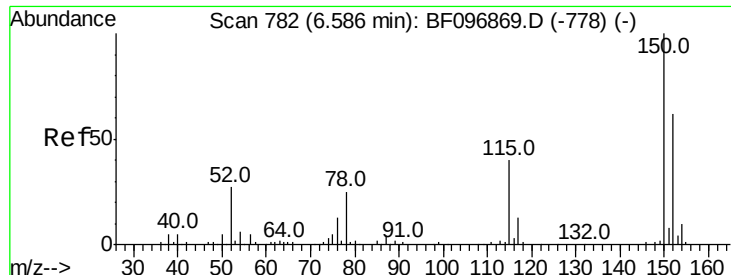
Manual Integrations
 APPROVED

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 7/25/2017 5:36:26 PM

Quant Time: Jul 25 03:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.85	196	212316	41.687	nq	98
45) 1,1'-Biphenyl	8.97	154	855024	39.365	nq	97
46) 2-Chloronaphthalene	9.00	162	669352	41.850	nq	# 93
47) 2-Nitroaniline	9.10	65	288237	52.428	nq	95
48) Acenaphthylene	9.41	152	1056655	41.464	nq	98
49) Dimethylphthalate	9.29	163	1043915	54.743	nq	98
50) 2,6-Dinitrotoluene	9.35	165	184736	44.725	nq	# 73
51) Acenaphthene	9.58	154	616774	40.970	nq	99
52) 3-Nitroaniline	9.51	138	163945	33.505	nq	96
53) 2,4-Dinitrophenol	9.63	184	130469	65.159	nq	# 78
54) Dibenzofuran	9.75	168	869076	41.196	nq	96
55) 4-Nitrophenol	9.70	139	289111	80.875	nq	# 59
56) 2,4-Dinitrotoluene	9.75	165	212085	39.958	nq	# 54
57) Fluorene	10.09	166	644430	41.338	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	166414	47.114	nq	96
59) Diethylphthalate	9.99	149	803213	43.267	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	263570	39.504	nq	99
61) 4-Nitroaniline	10.13	138	216103	47.031	nq	91
62) Azobenzene	10.25	77	825006	50.375	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	120226	44.549	nq	89
65) n-Nitrosodiphenylamine	10.21	169	610111	39.708	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	177560	40.461	nq	98
67) Hexachlorobenzene	10.64	284	184692	37.787	nq	# 86
68) Atrazine	10.75	200	150772	34.443	nq	94
69) Pentachlorophenol	10.84	266	163026	69.043	nq	99
70) Phenanthrene	11.05	178	983869	42.097	nq	100
71) Anthracene	11.10	178	1022577	43.274	nq	99
72) Carbazole	11.26	167	1015824	44.391	nq	100
73) Di-n-butylphthalate	11.60	149	1237599	43.426	nq	99
74) Fluoranthene	12.23	202	986972	44.119	nq	99
77) Pyrene	12.45	202	1024734	44.798	nq	99
79) Butylbenzylphthalate	13.09	149	510229	46.946	nq	# 81
80) Benzo(a)anthracene	13.63	228	746694	47.547	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	109465	19.384	nq	99
82) Chrysene	13.67	228	713774	46.168	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	616856	46.606	nq	99
84) Di-n-octyl phthalate	14.26	149	1119169	51.154	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.23	276	561236	39.088	nq	97
87) Benzo(b)fluoranthene	14.63	252	609725	44.144	nq	97
88) Benzo(k)fluoranthene	14.66	252	568640m	43.476	nq	
89) Benzo(a)pyrene	14.94	252	560201	44.221	nq	98
90) Dibenzo(a,h)anthracene	16.24	278	445231	38.195	nq	95
91) Benzo(g,h,i)perylene	16.60	276	494893	39.647	nq	96

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



#1

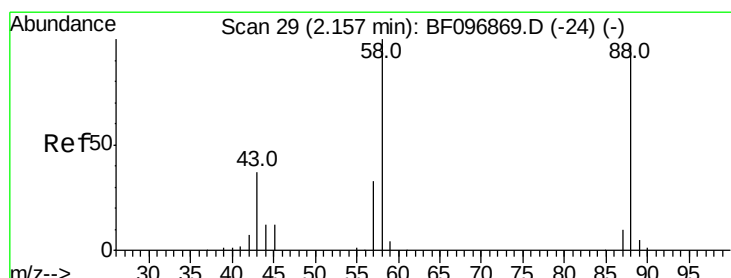
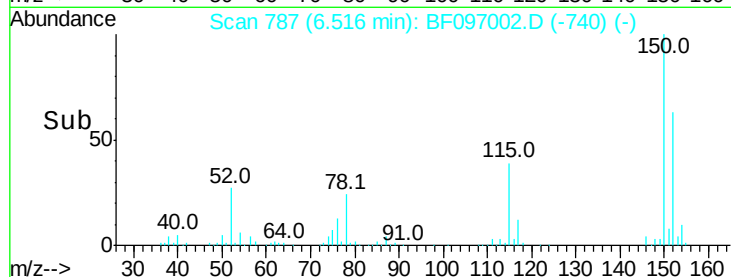
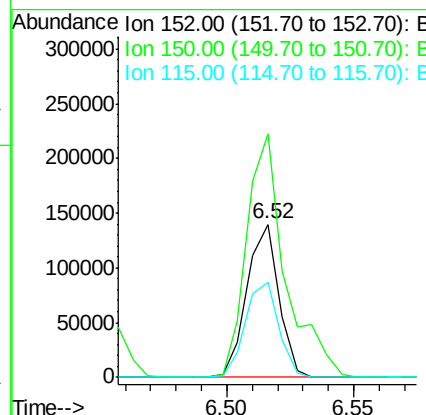
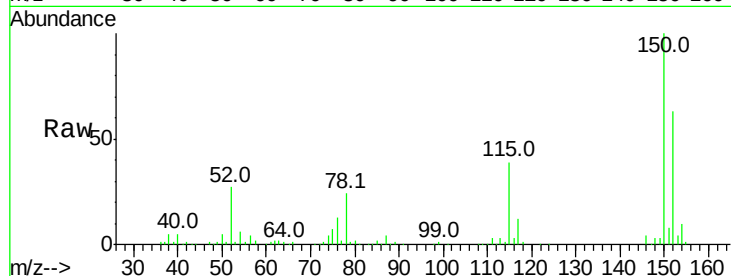
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	62.3	52.2	78.2

Manual Integrations
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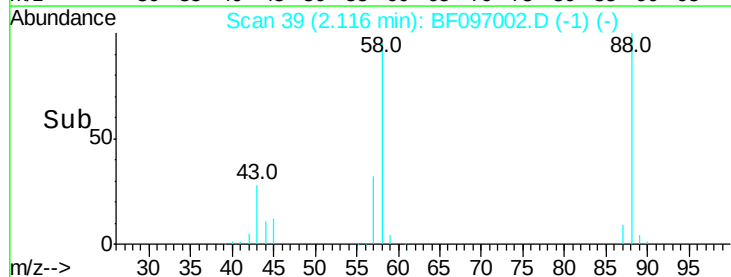
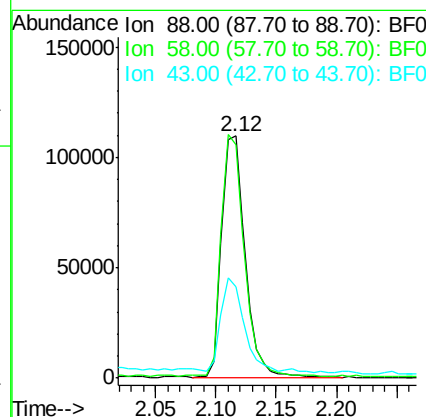
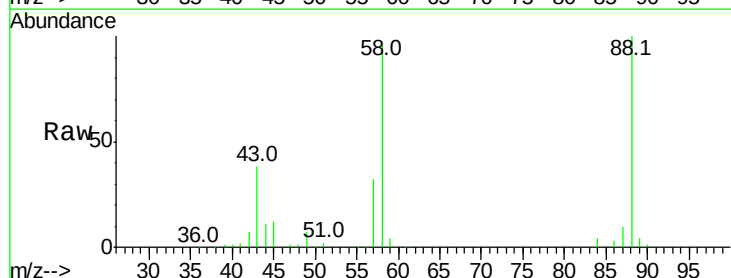
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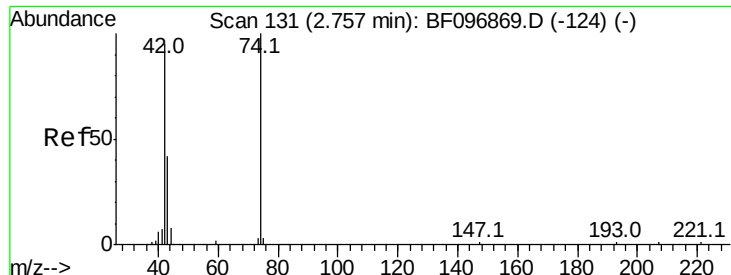


#2

1,4-Dioxane
Concen: 34.664 ng
RT: 2.12 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	61.4	92.0#
43	40.1	23.4	35.0#





#4

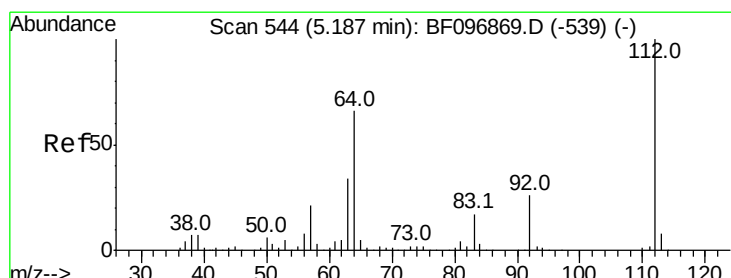
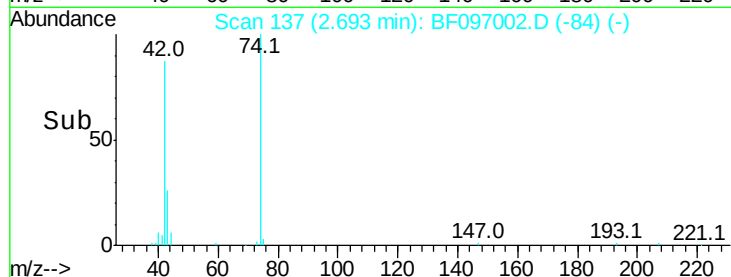
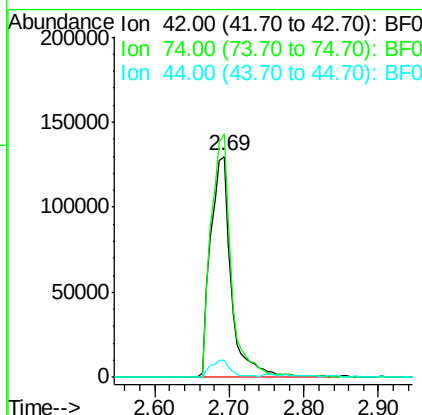
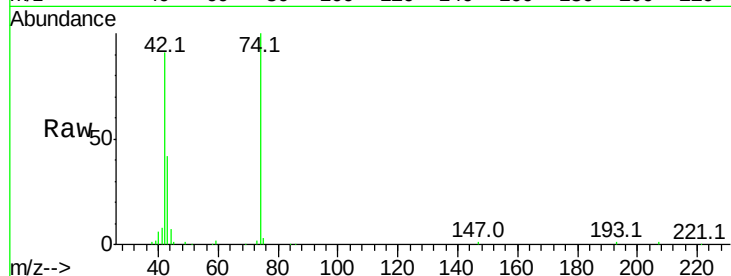
n-Nitrosodimethylamine
 Concen: 50.766 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	110.2	103.9	155.9
44	7.5	5.7	8.5

Manual Integrations
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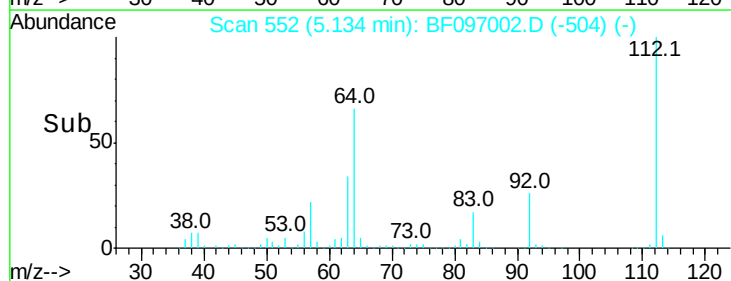
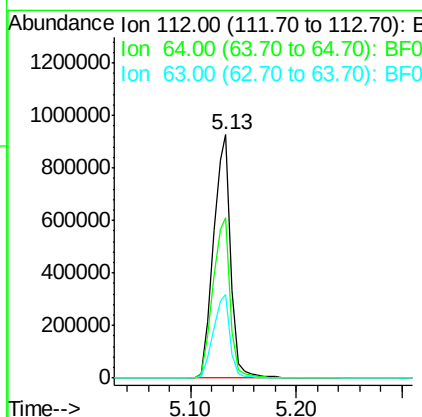
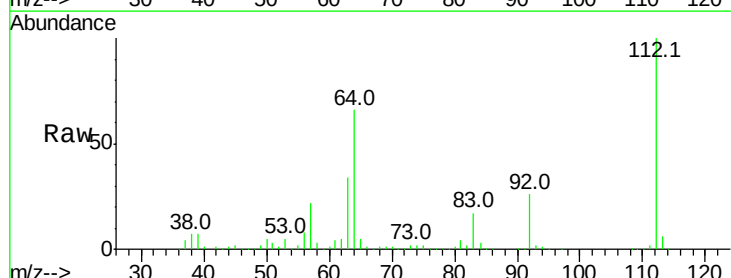
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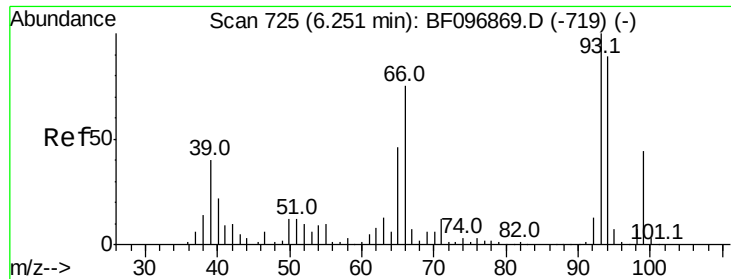


#5

2-Fluorophenol
 Concen: 130.507 ng
 RT: 5.13 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	34.3	23.4	35.0





#6

Aniline

Concen: 7.800 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

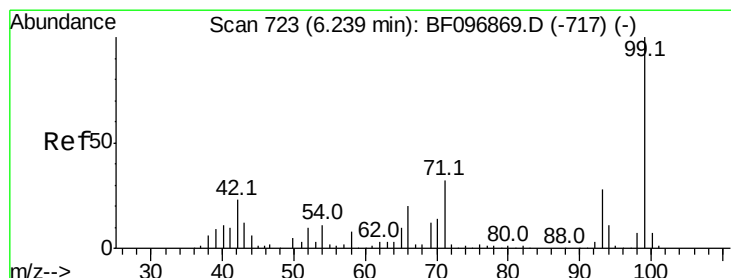
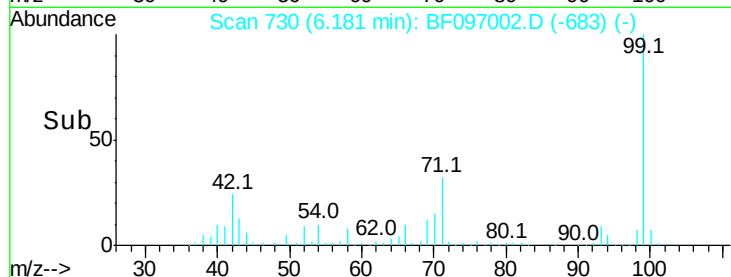
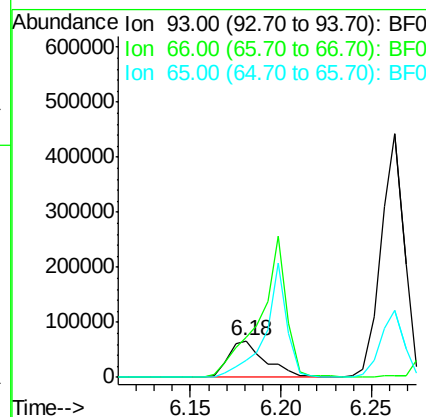
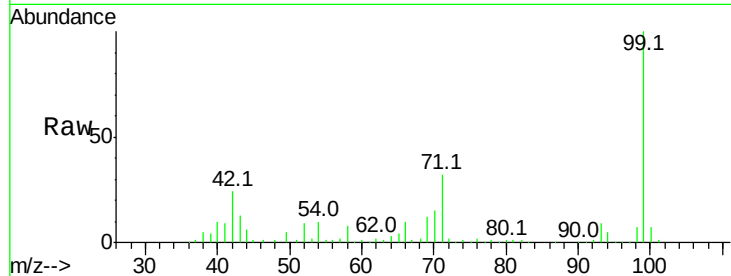
295-N-1-(0-2)MSD

Tot Ion:	93	Resp:	94228
Ion Ratio	Lower	Upper	
93	100		
66	109.6	32.9	49.3#
65	47.0	16.0	24.0#

Manual Integrations
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#7

Phenol-d6

Concen: 126.760 ng

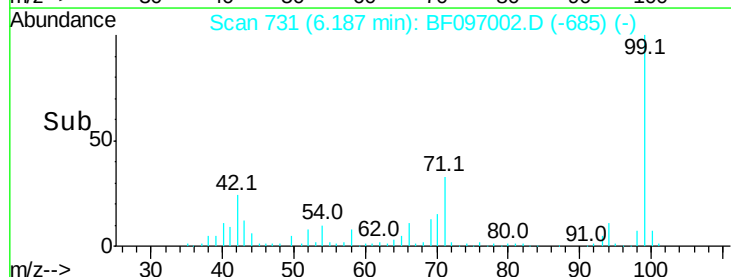
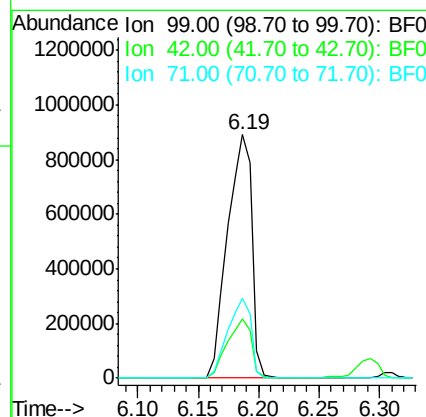
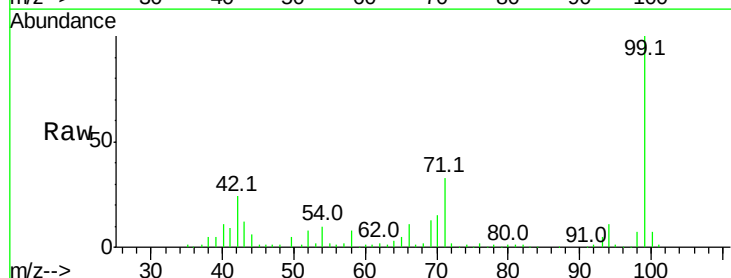
RT: 6.19 min Scan# 731

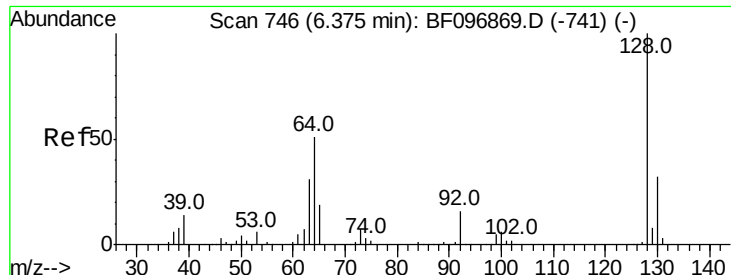
Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:	99	Resp:	1243198
Ion Ratio	Lower	Upper	
99	100		
42	24.5	13.5	20.3#
71	32.5	24.5	36.7





#8

2-Chlorophenol

Concen: 44.409 ng

RT: 6.31 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

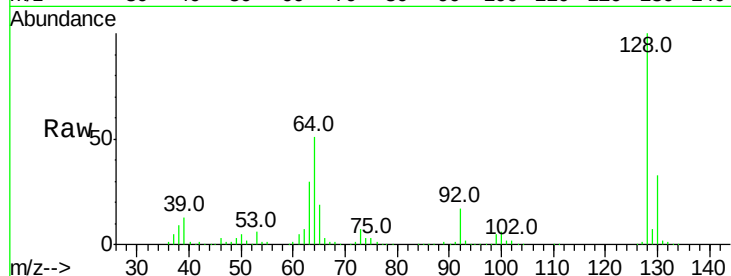
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:	128	Resp:	391545
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	51.2	28.4	68.4

Manual Integrations
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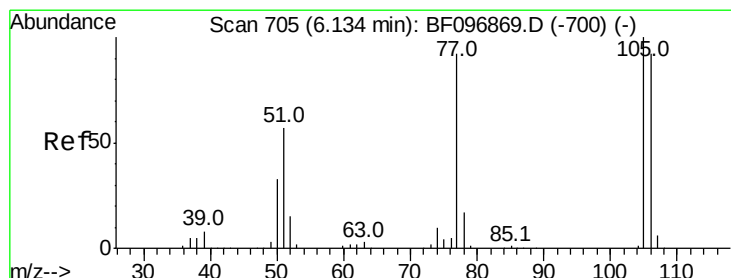
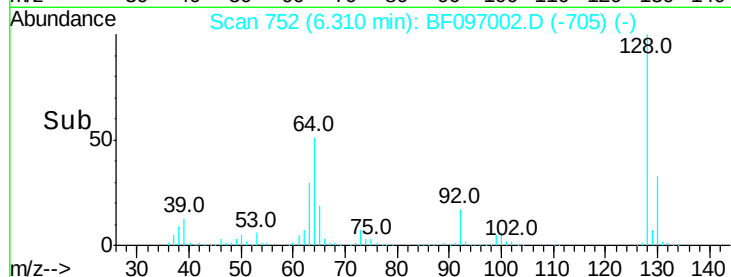
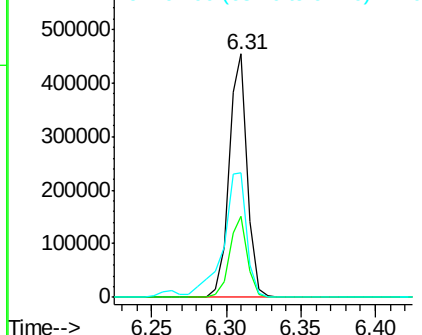
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 26.671 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF097002.D

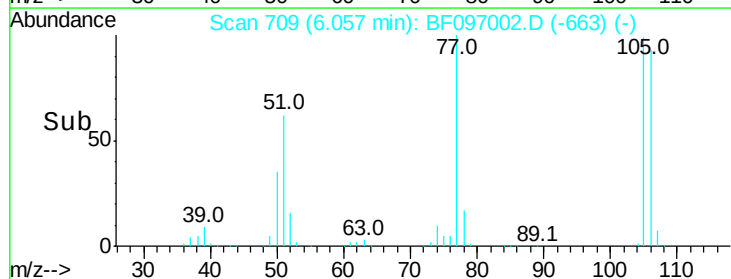
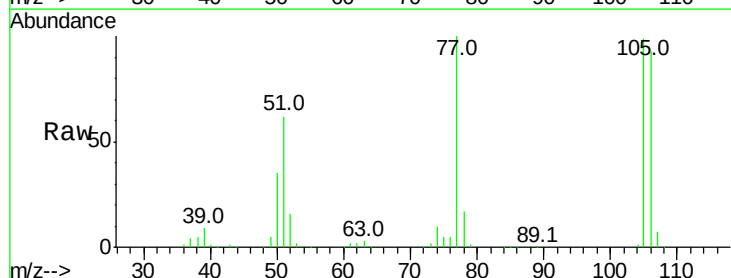
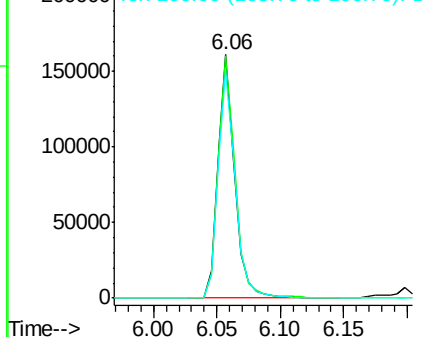
Acq: 24 Jul 2017 23:10

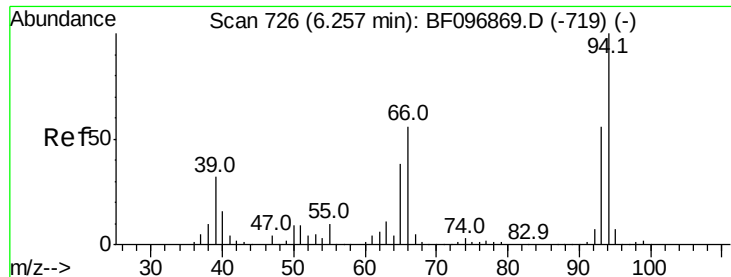
Tgt Ion:	77	Resp:	151189
Ion Ratio	Lower	Upper	
77	100		
105	99.3	83.8	123.8
106	93.4	79.1	119.1

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





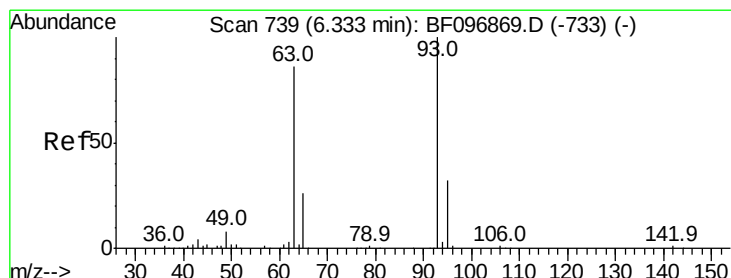
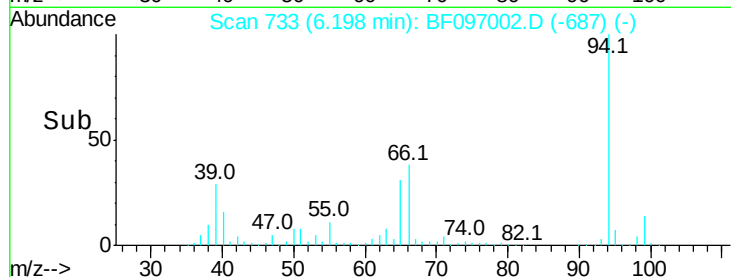
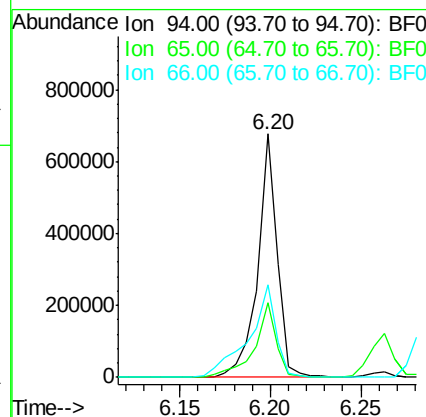
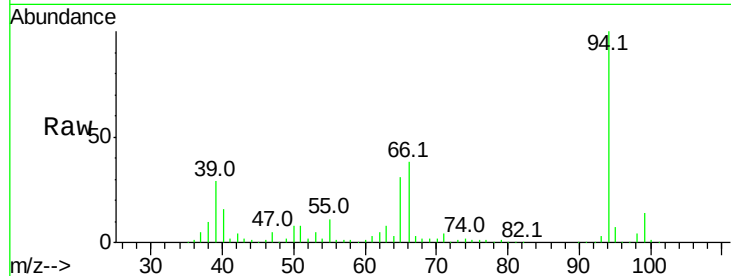
#10
Phenol
Concen: 45.660 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	38.0	23.1	63.1

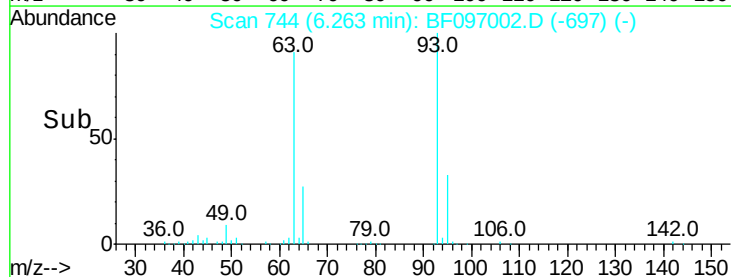
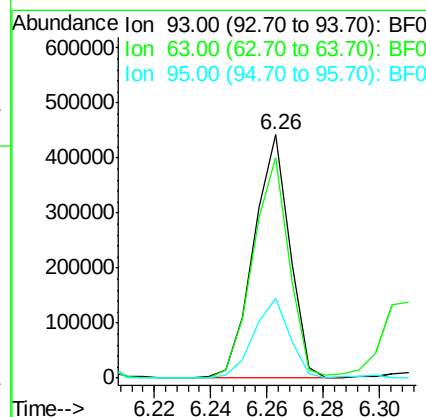
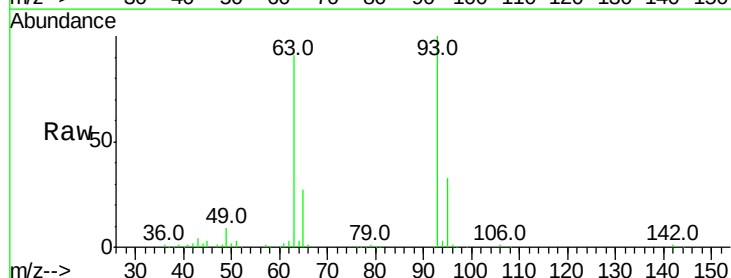
Manual Integrations
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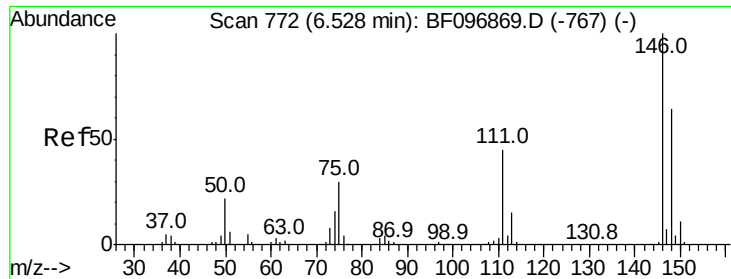
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#11
bis(2-Chloroethyl)ether
Concen: 46.523 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.7	59.2	99.2
95	32.9	12.8	52.8





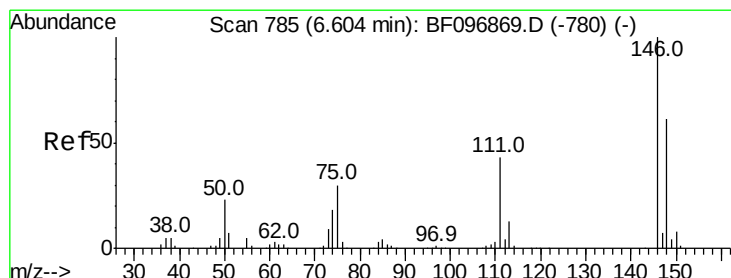
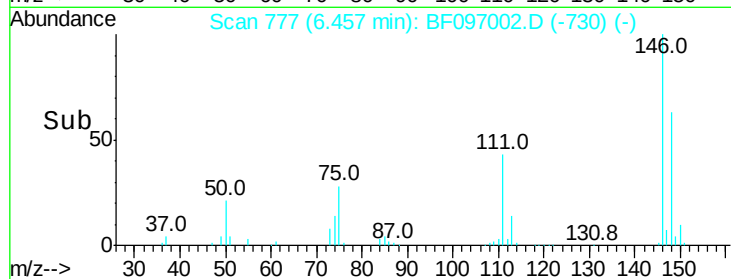
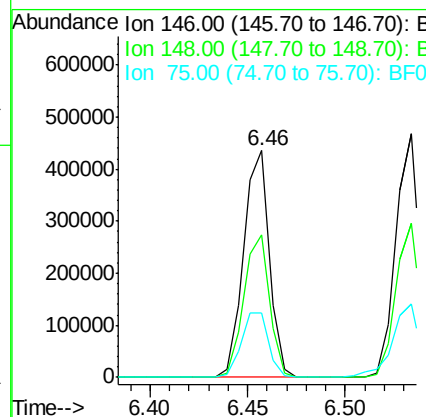
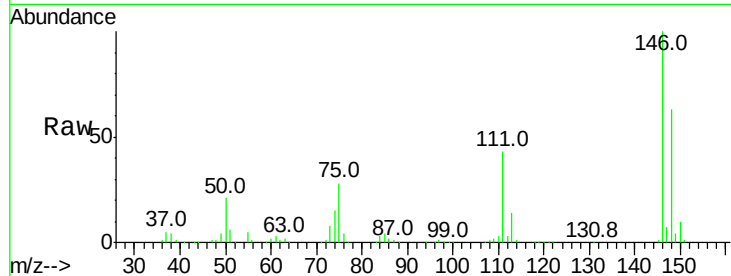
#12
 1,3-Dichlorobenzene
 Concen: 42.407 ng
 RT: 6.46 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	28.2	23.1	34.7

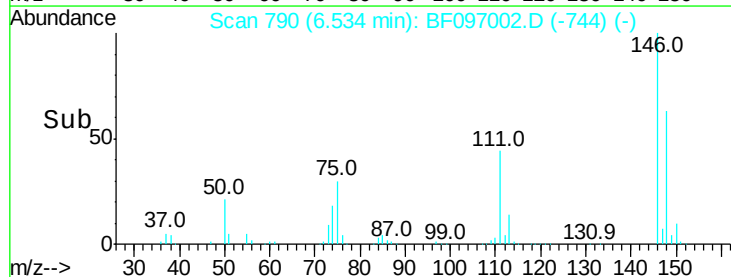
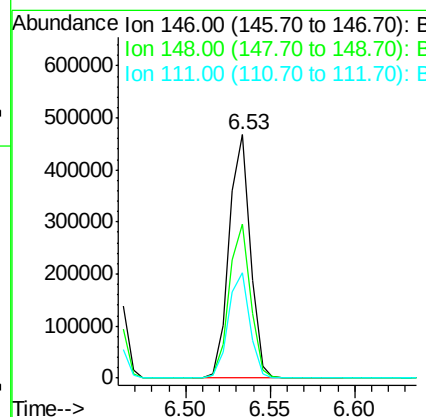
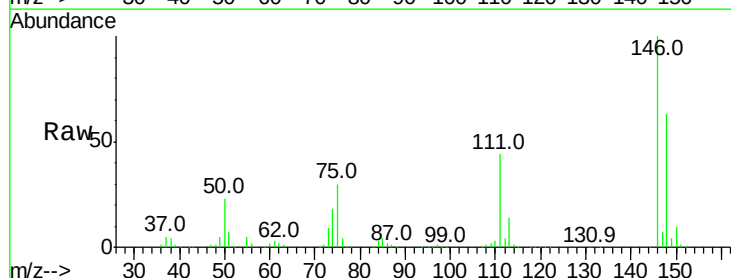
Manual Integrations
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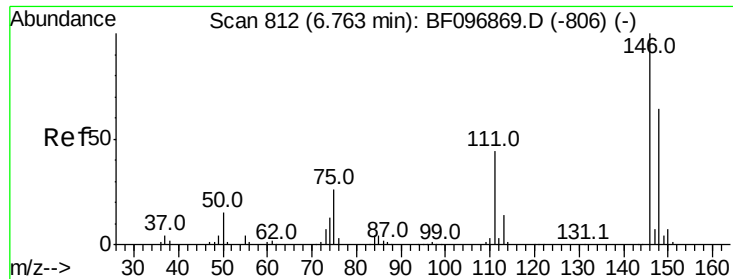
Sohil
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#13
 1,4-Dichlorobenzene
 Concen: 42.968 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	43.5	30.3	45.5





#14

1,2-Dichlorobenzene

Concen: 43.446 ng

RT: 6.69 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

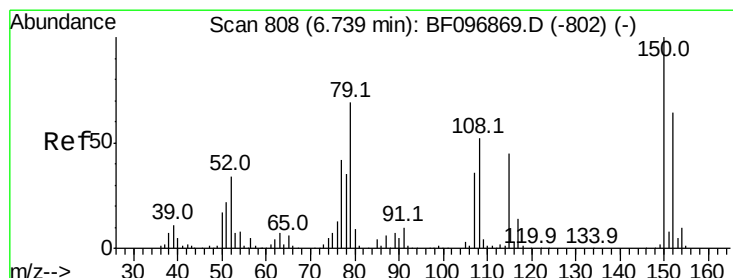
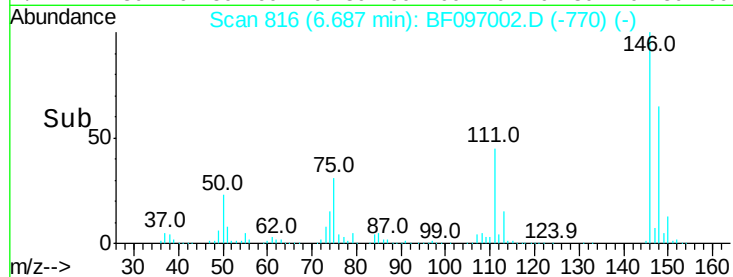
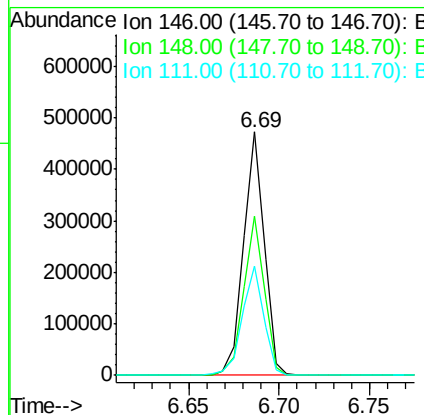
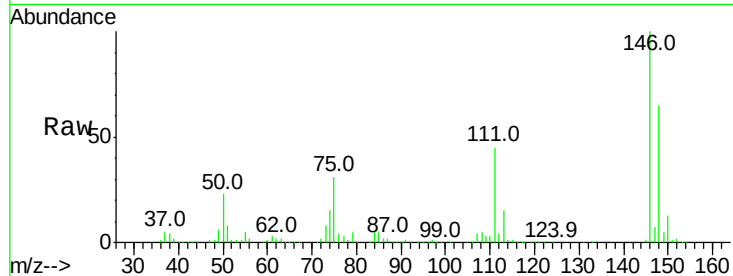
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:	146	Resp:	375048
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.4	75.6
111	44.6	38.2	57.4

Manual Integrations
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#15

Benzyl Alcohol

Concen: 46.347 ng

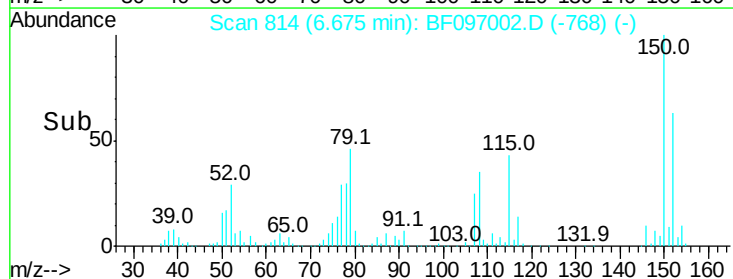
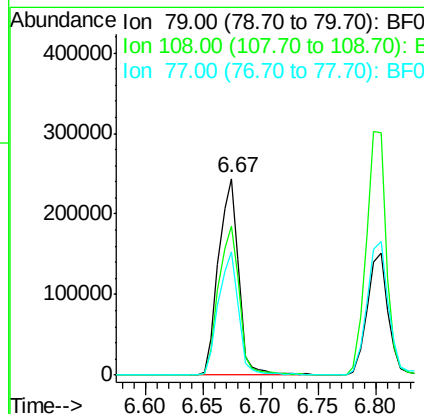
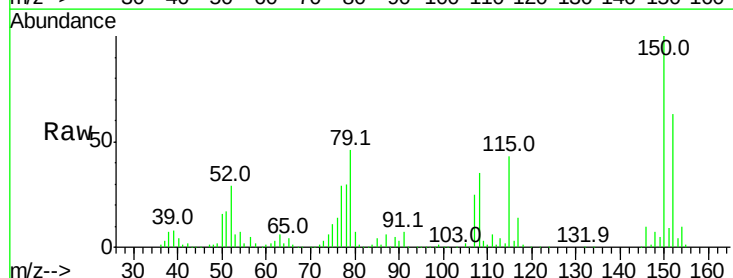
RT: 6.67 min Scan# 814

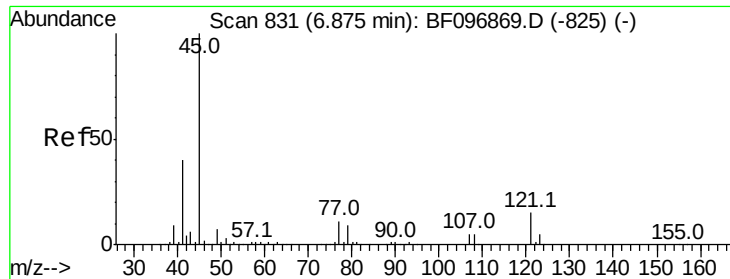
Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:	79	Resp:	297589
Ion Ratio	Lower	Upper	
79	100		
108	76.1	63.4	95.0
77	62.5	49.2	73.8





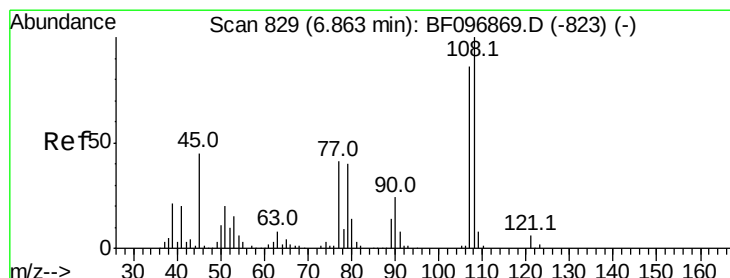
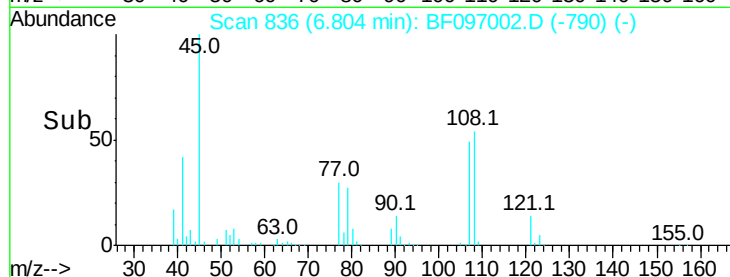
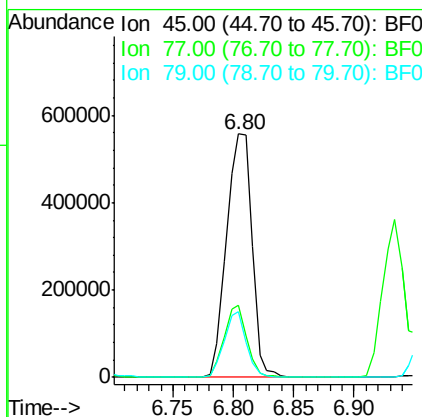
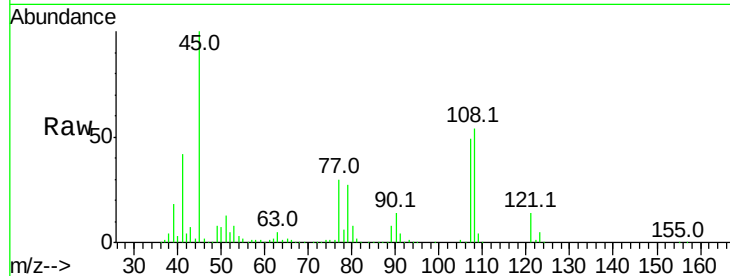
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.387 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	29.7	0.0	33.2
79	27.1	0.0	30.0

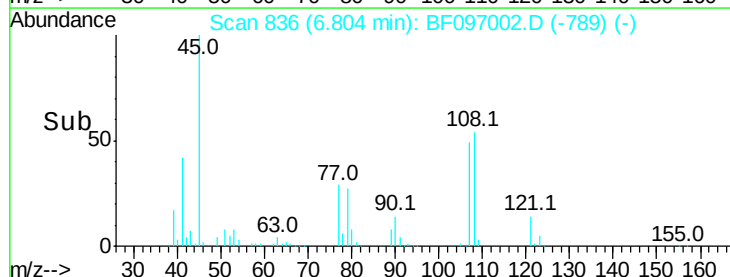
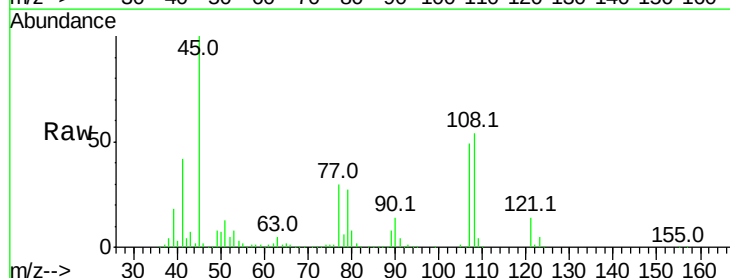
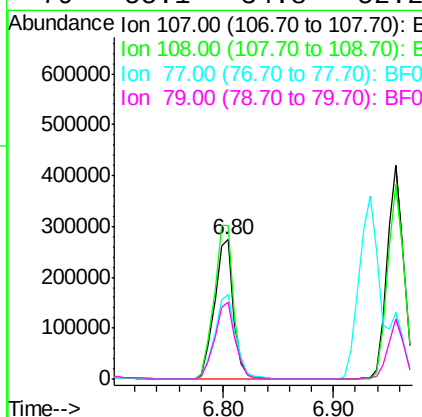
Manual Integrations
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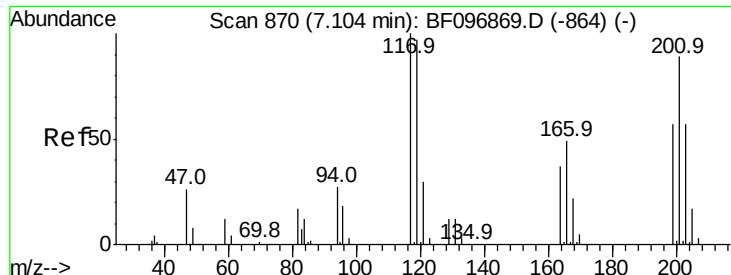
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#17
2-Methylphenol
Concen: 47.387 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.0	93.4	140.0
77	60.5	35.8	53.6#
79	55.1	34.8	52.2#





#18

Hexachloroethane

Concen: 47.229 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

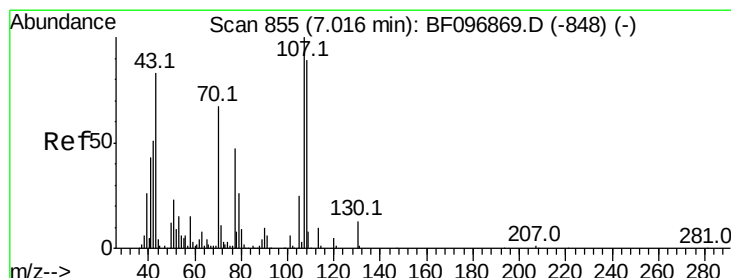
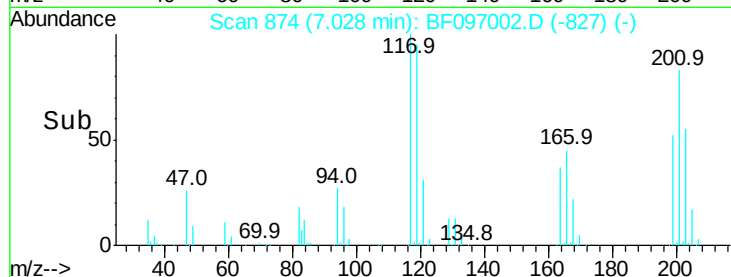
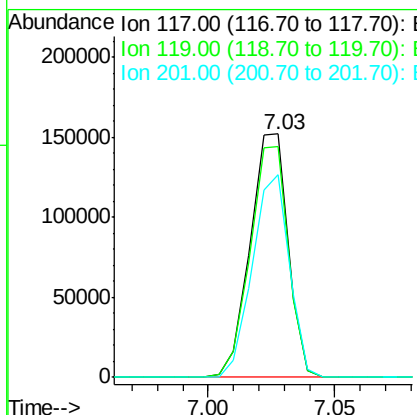
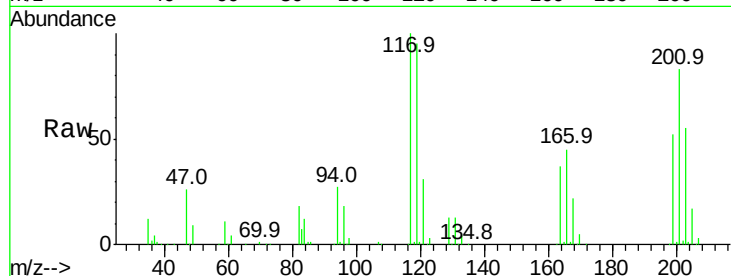
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	158946		
119	94.8	77.4	116.0	
201	83.1	94.6	141.8#	

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#19

n-Nitroso-di-n-propylamine

Concen: 48.869 ng

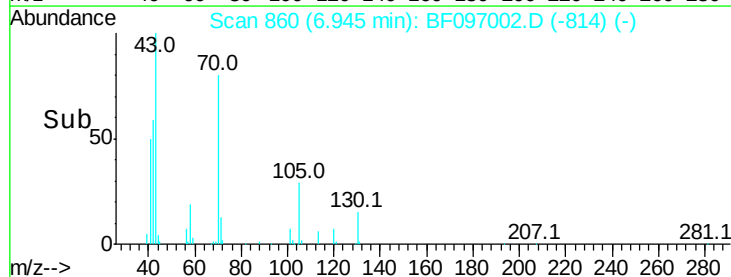
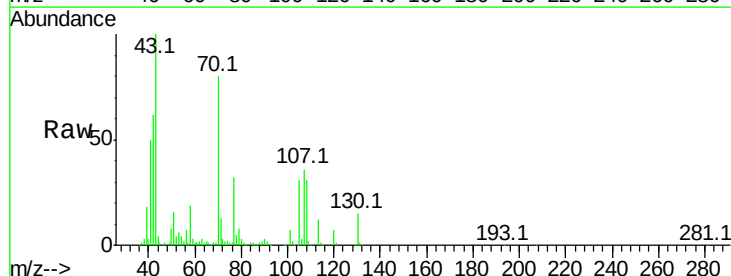
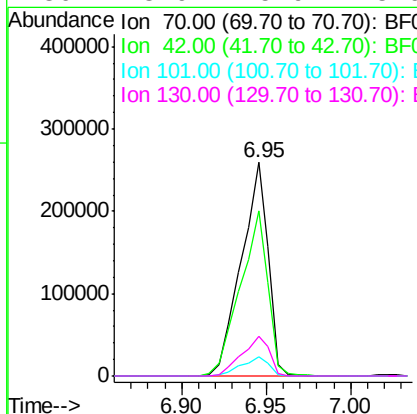
RT: 6.95 min Scan# 860

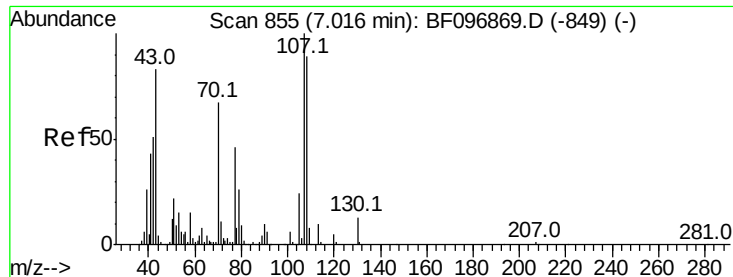
Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	288747		
42	77.4	47.2	70.8#	
101	8.9	7.2	10.8	
130	18.9	15.9	23.9	





#20

3+4-Methylphenols

Concen: 52.789 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

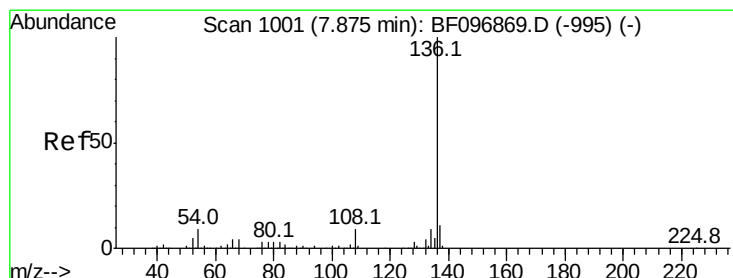
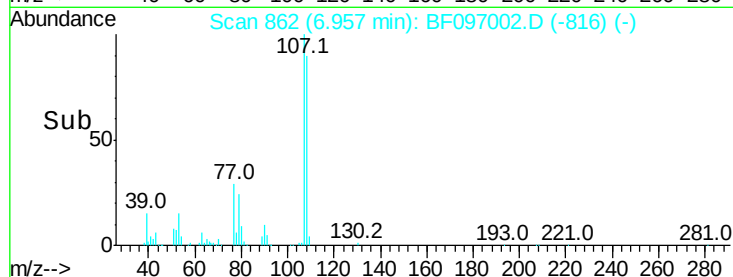
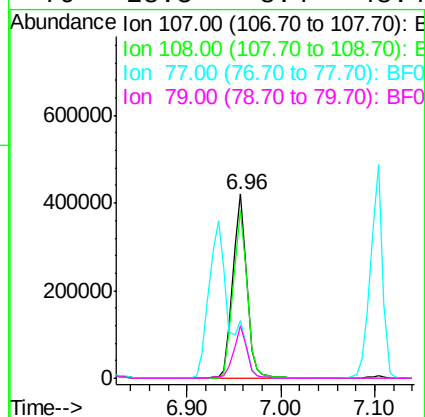
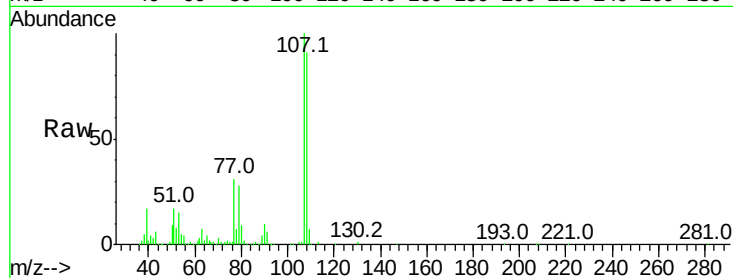
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	31.3	90.5	130.5#
79	28.3	8.4	48.4

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#21

Naphthalene-d8

Concen: 20.000 ng

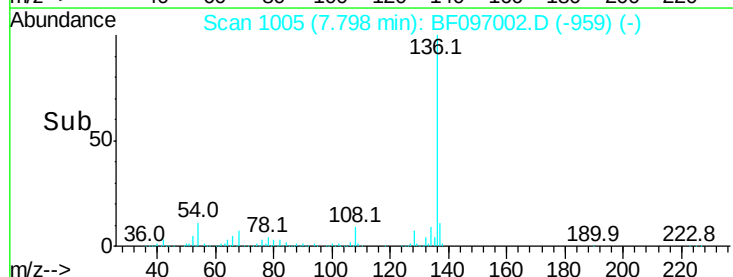
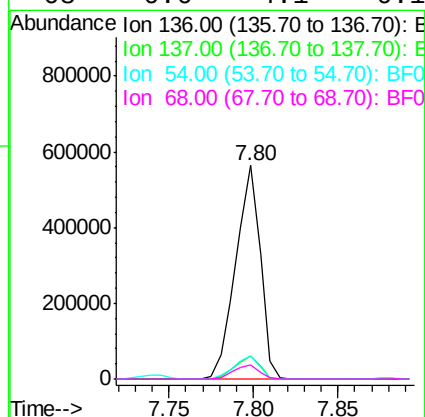
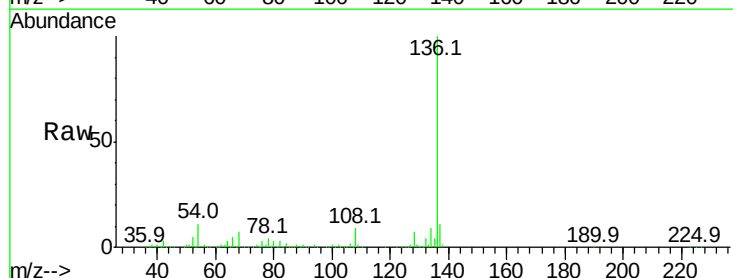
RT: 7.80 min Scan# 1005

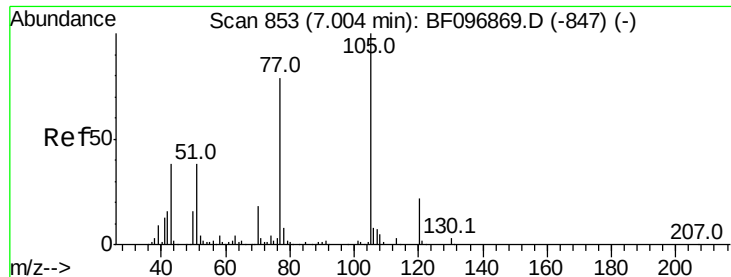
Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.1	4.9	7.3#
68	6.6	4.1	6.1#





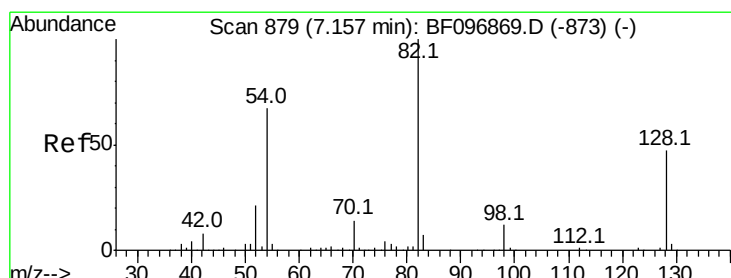
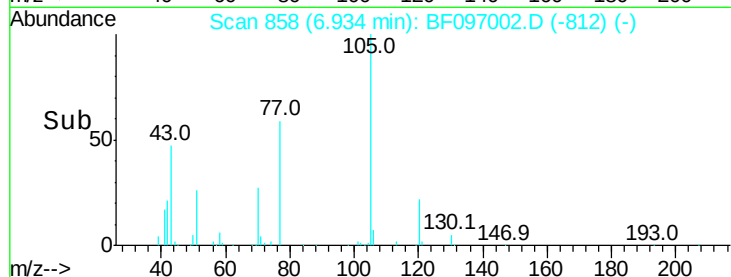
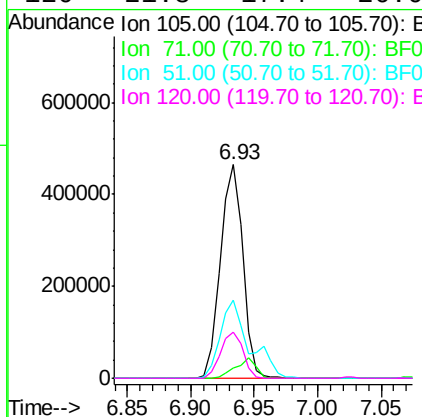
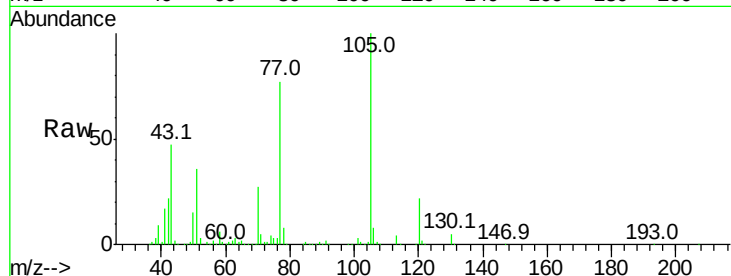
#22
Acetophenone
Concen: 44.858 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampled :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	2.8	4.2#	
51	36.3	30.7	46.1	
120	21.8	17.4	26.0	

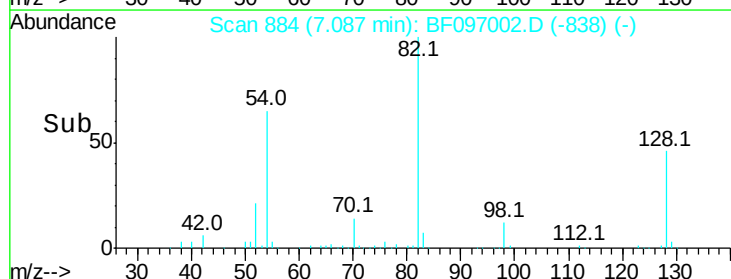
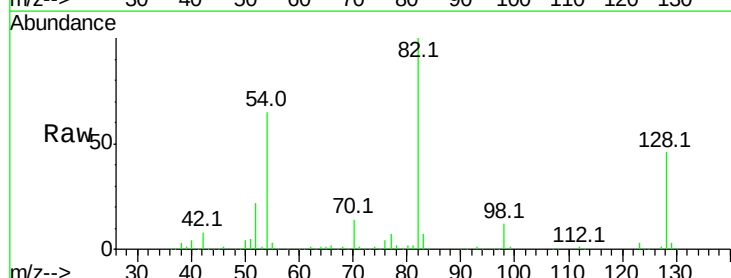
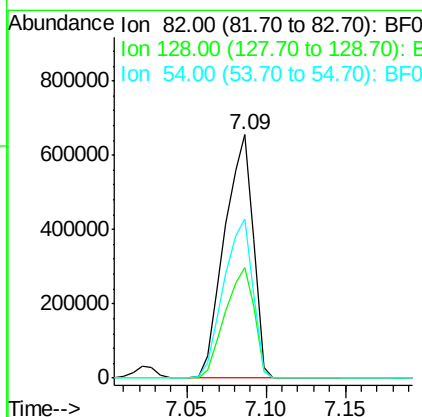
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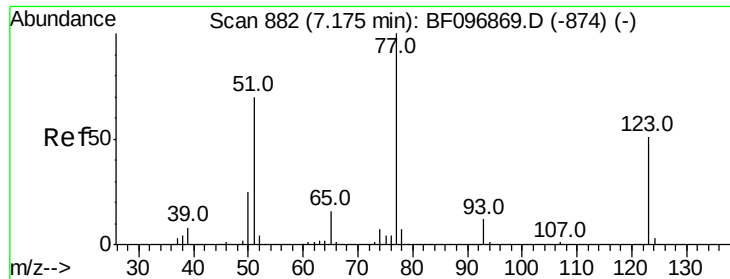
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#23
Nitrobenzene-d5
Concen: 89.159 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	34.0	51.0	
54	65.3	42.2	63.2#	





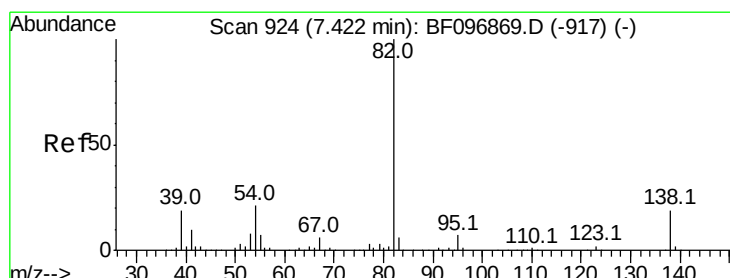
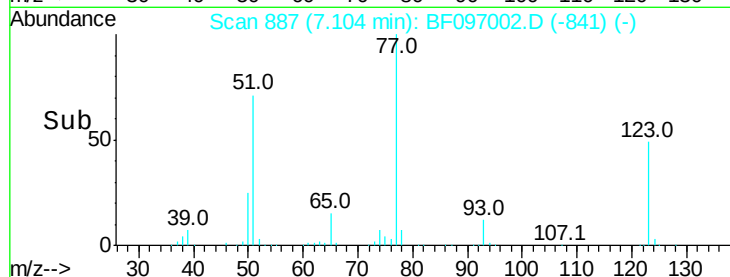
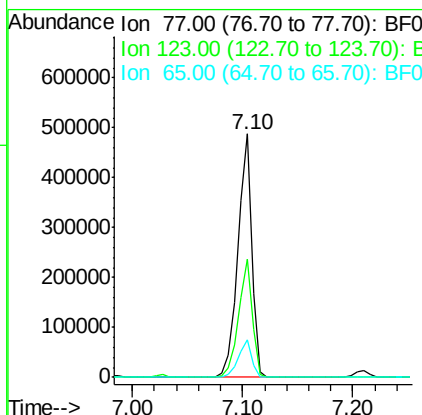
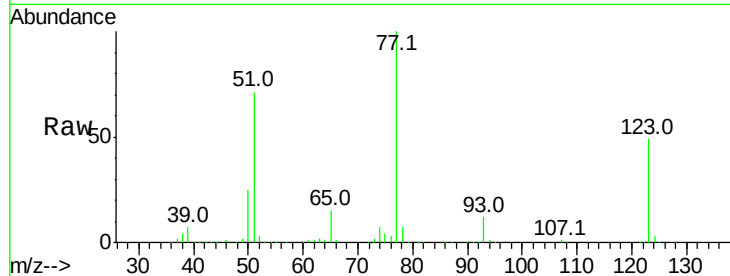
#24
Nitrobenzene
Concen: 45.671 ng
RT: 7.10 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.8	53.8
65	15.2	10.6	15.8

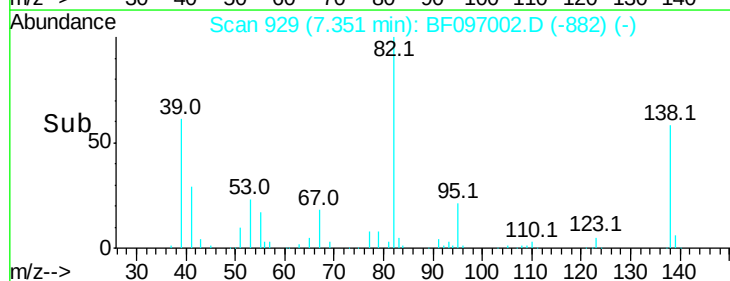
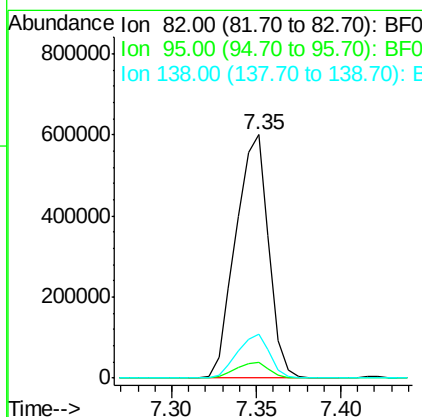
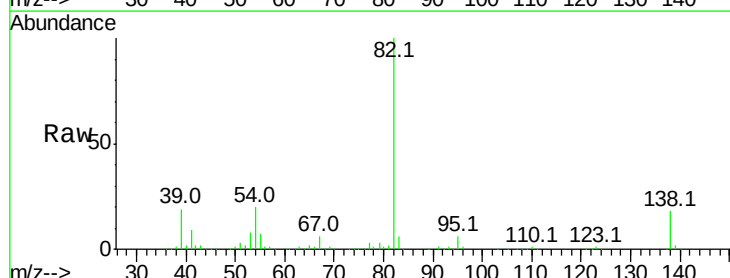
Manual Integrations
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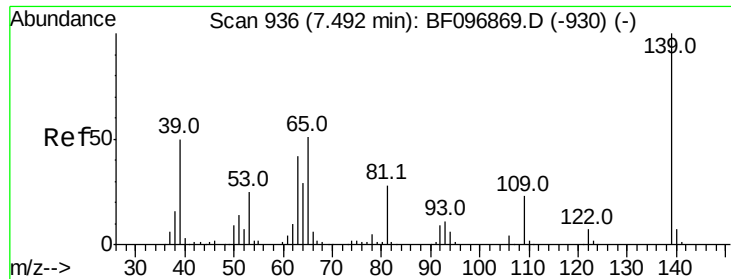
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#25
Isophorone
Concen: 47.435 ng
RT: 7.35 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	18.1	13.1	19.7





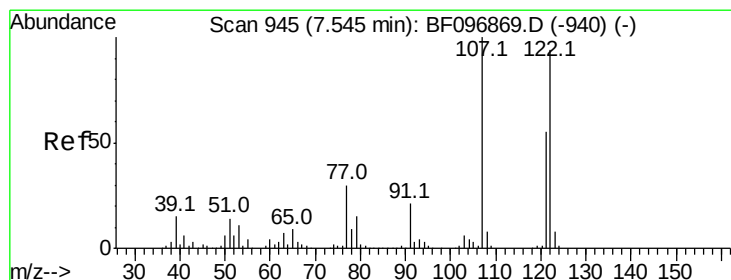
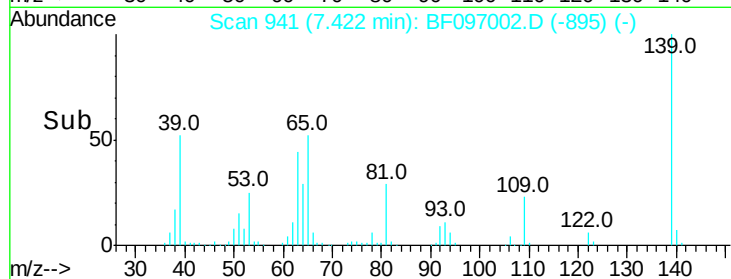
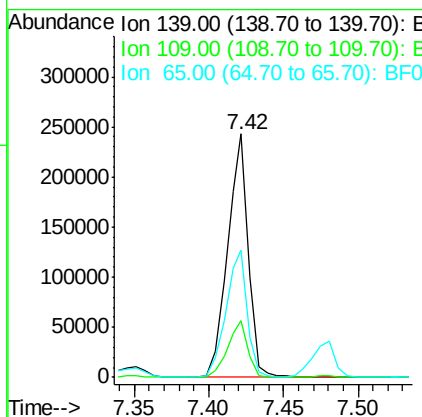
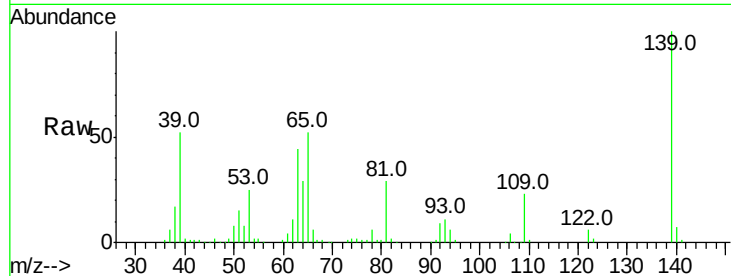
#26
 2-Nitrophenol
 Concen: 44.890 ng
 RT: 7.42 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	23.1	21.0	31.6
65	52.3	33.0	49.6

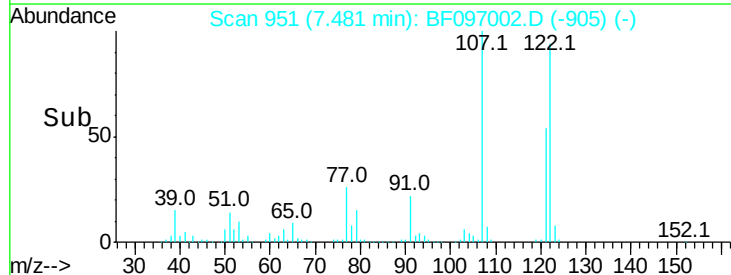
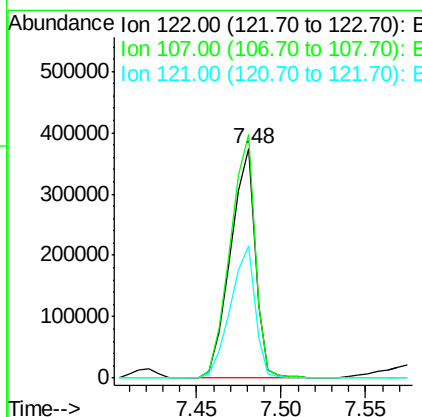
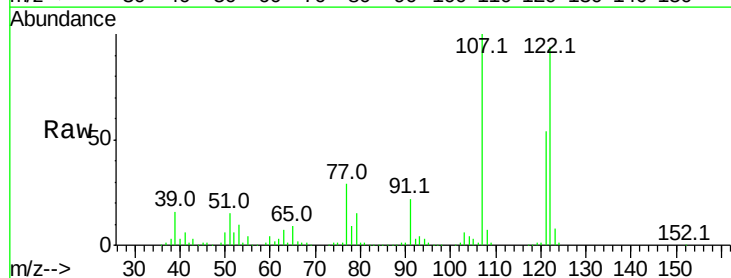
Manual Integrations
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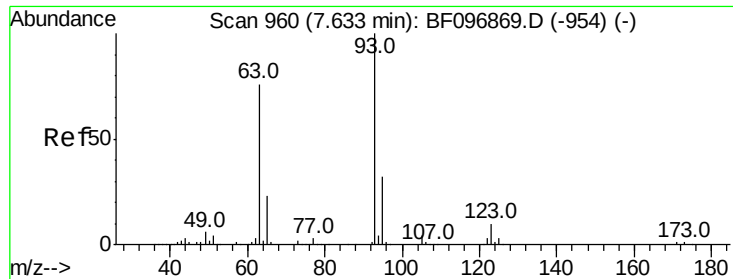
Sohil
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#27
 2,4-Dimethylphenol
 Concen: 43.965 ng
 RT: 7.48 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	106.3	89.2	133.8
121	57.9	45.2	67.8





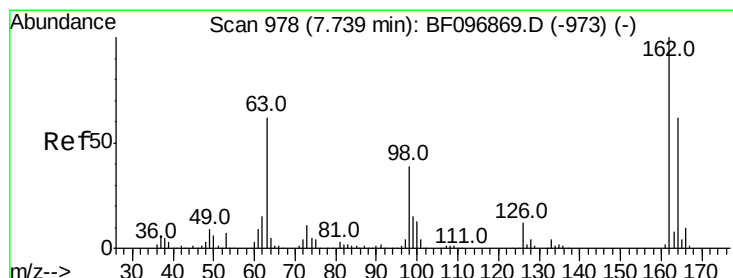
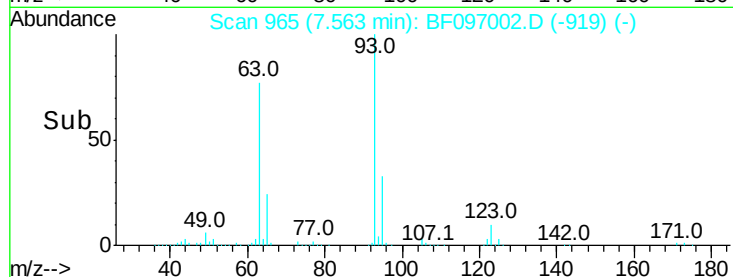
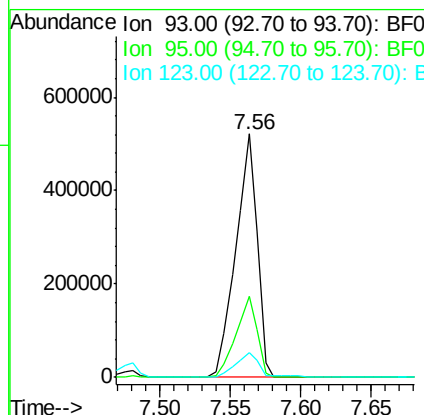
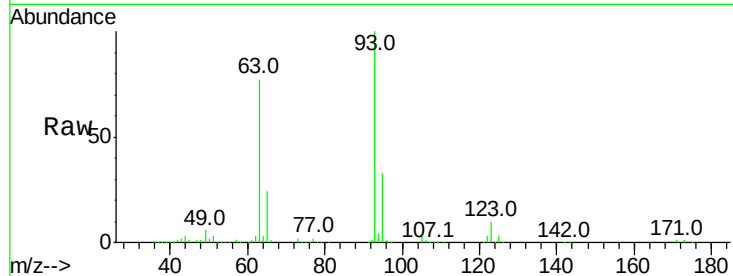
#28
bis(2-Chloroethoxy)methane
Concen: 47.453 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	93	Resp	549687
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.4	9.0	13.4

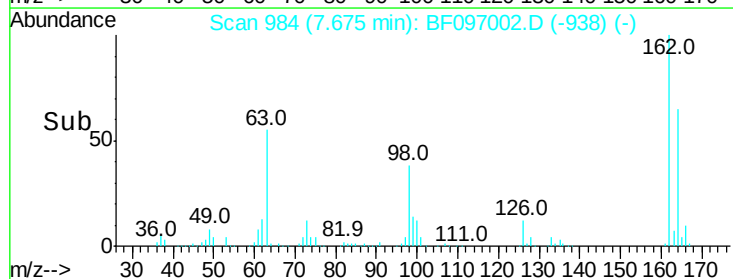
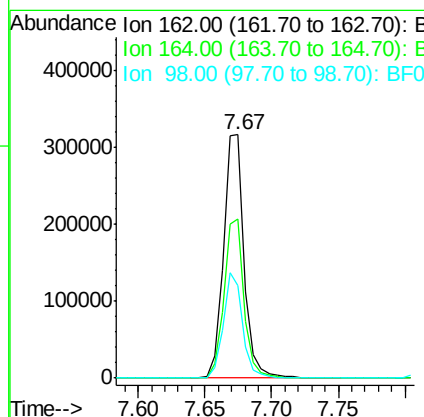
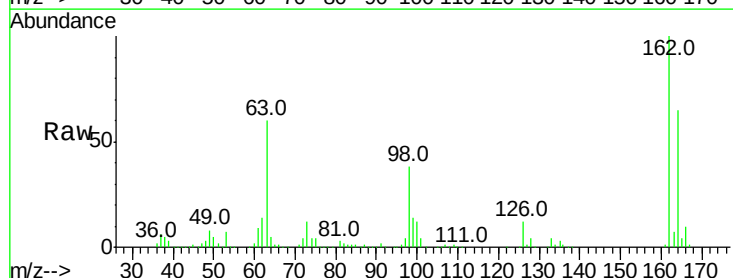
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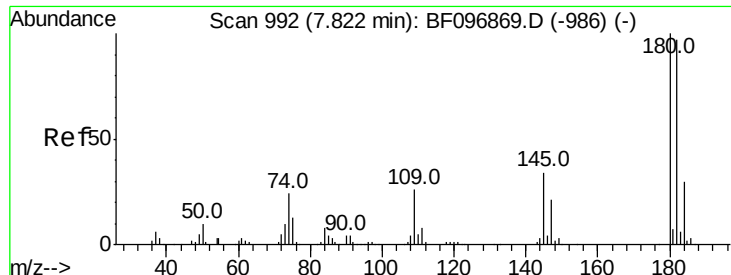
Sohil
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#29
2,4-Dichlorophenol
Concen: 43.434 ng
RT: 7.67 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	162	Resp	342758
Ion Ratio	Lower	Upper	
162	100		
164	65.4	44.6	84.6
98	38.2	14.8	54.8





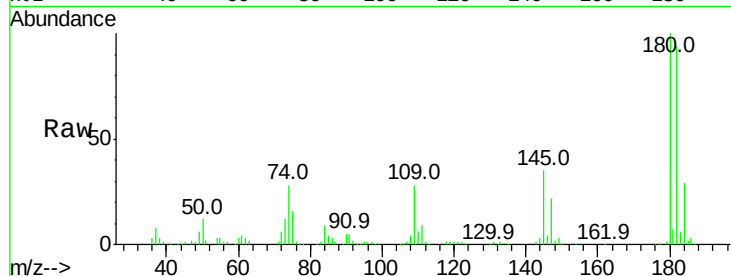
#30
 1,2,4-Trichlorobenzene
 Concen: 42.160 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

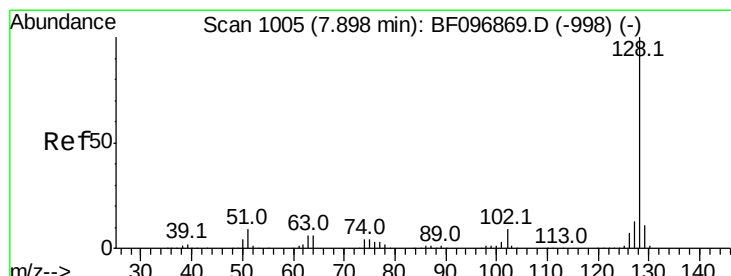
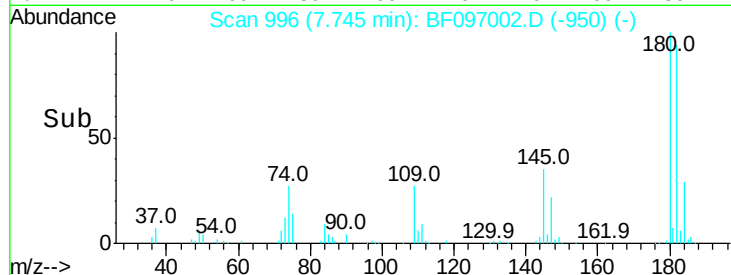
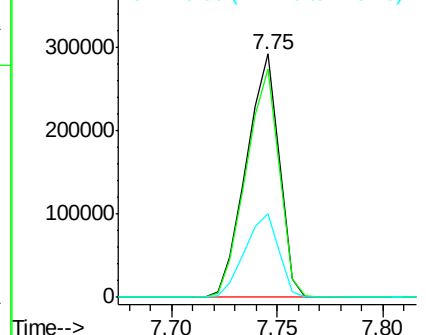
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	34.5	25.3	37.9

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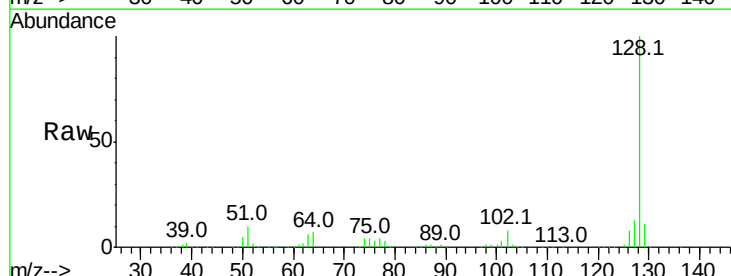


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

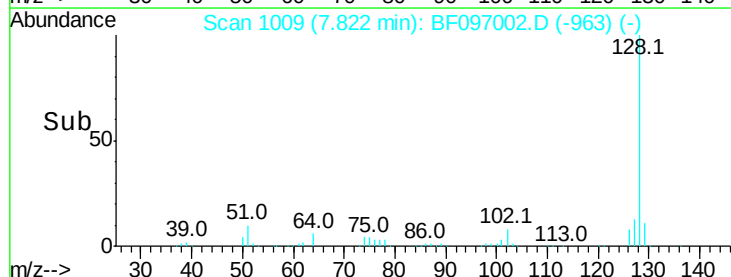
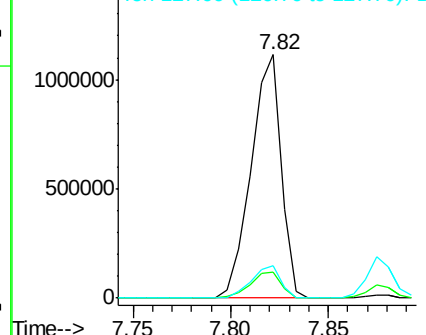


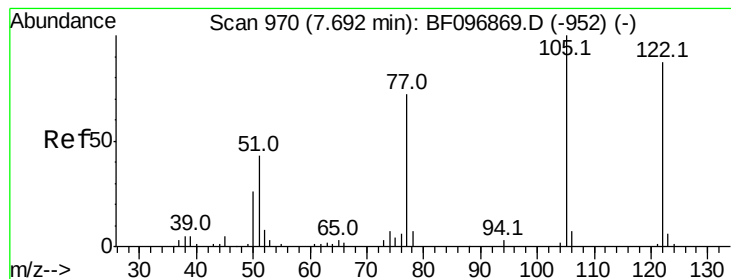
#31
 Naphthalene
 Concen: 43.894 ng
 RT: 7.82 min Scan# 1009
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2



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: 14.395 ng

RT: 7.59 min Scan# 970

Delta R.T. -0.08 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

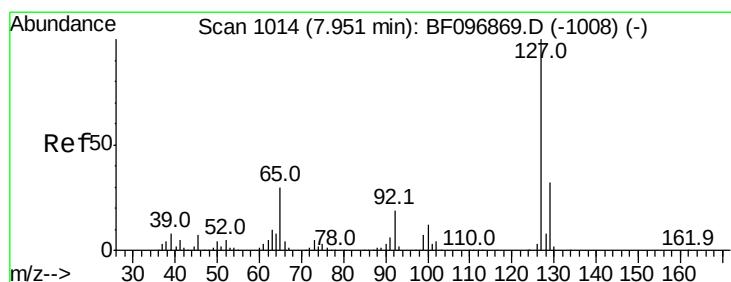
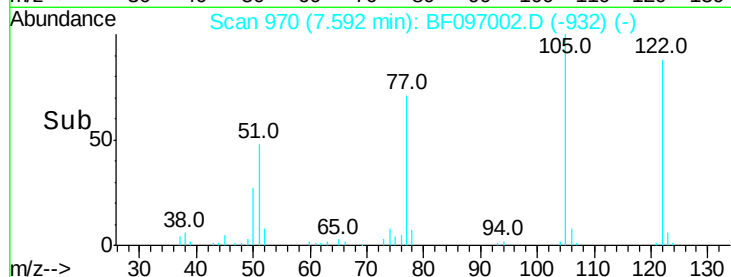
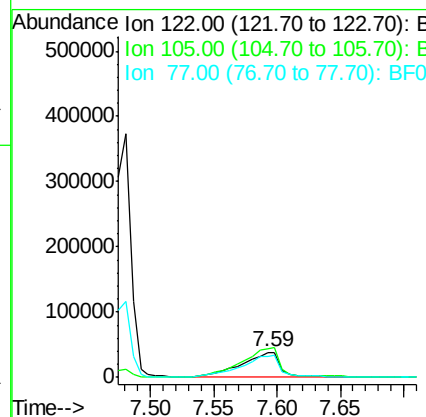
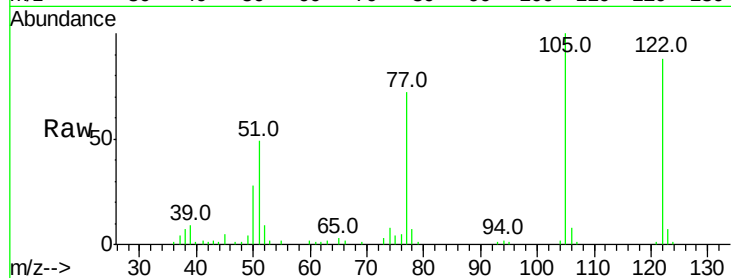
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:	122	Resp:	80212
Ion Ratio	Lower	Upper	
122	100		
105	114.1	103.3	143.3
77	82.4	73.7	113.7

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#33

4-Chloroaniline

Concen: 17.123 ng

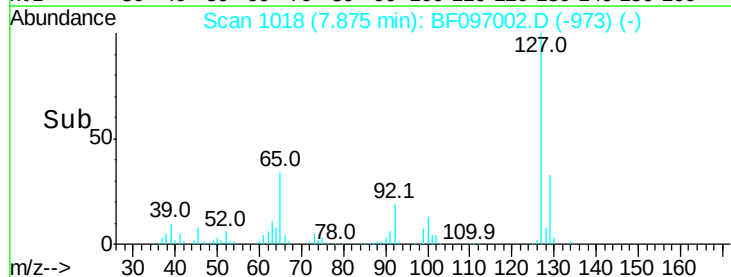
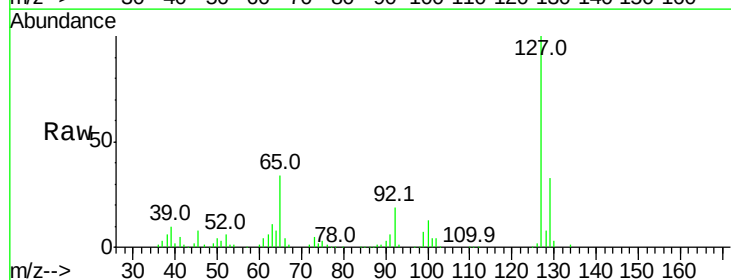
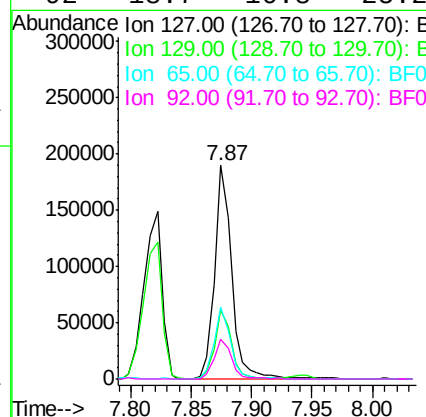
RT: 7.87 min Scan# 1018

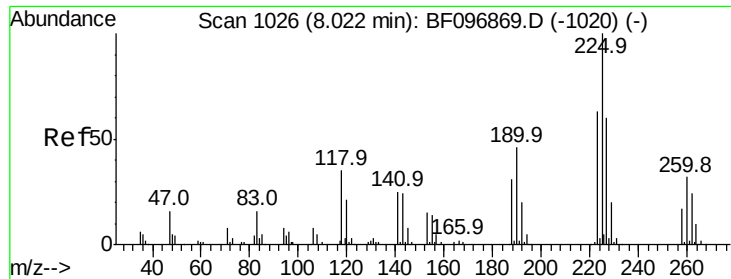
Delta R.T. -0.04 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:	127	Resp:	183443
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.2
65	33.6	27.8	41.8
92	18.7	16.8	25.2





#34

Hexachlorobutadiene

Concen: 38.879 ng

RT: 7.95 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

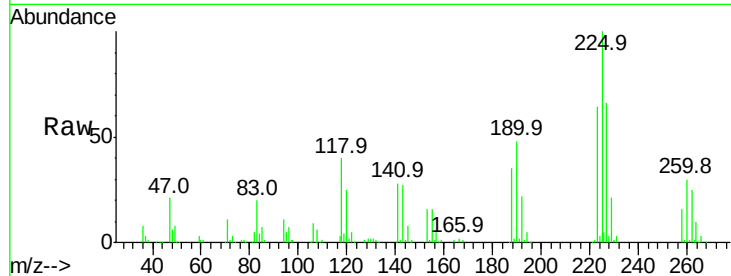
ClientSampleId :

295-N-1-(0-2)MSD

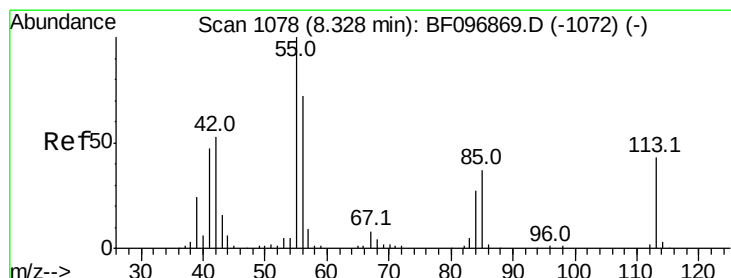
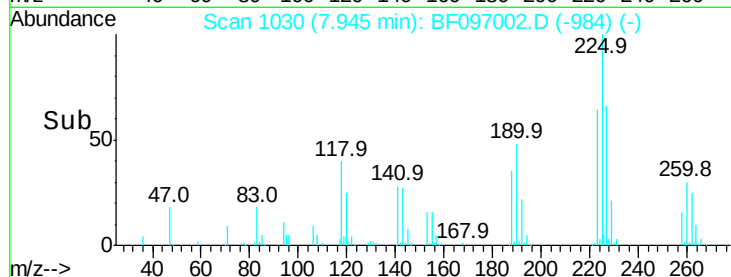
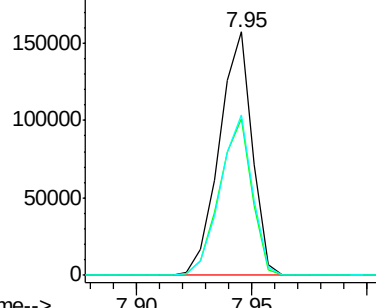
Tot Ion:	225	Resp:	155729
Ion Ratio	Lower	Upper	
225	100		
223	64.3	48.8	73.2
227	66.1	51.1	76.7

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 28.662 ng m

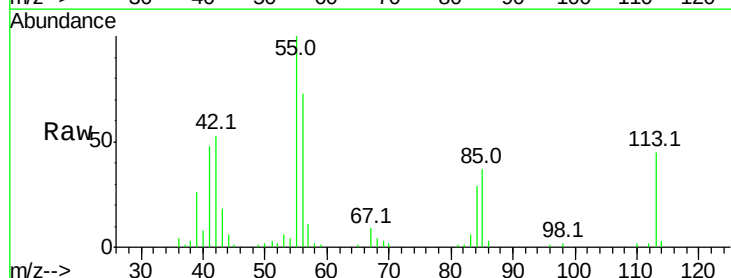
RT: 8.26 min Scan# 1083

Delta R.T. -0.03 min

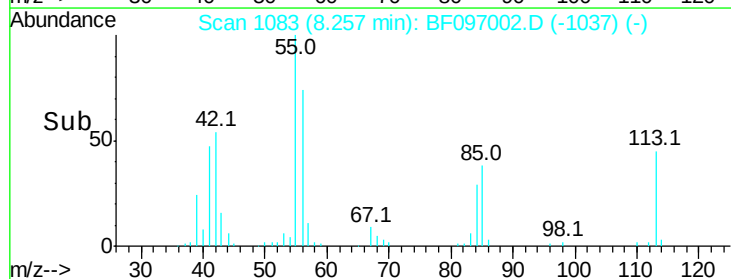
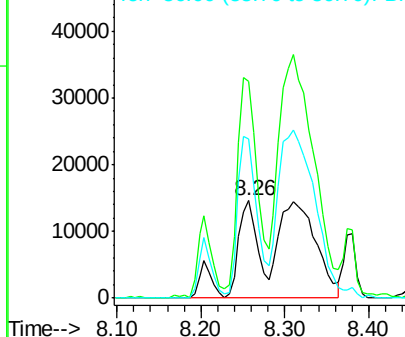
Lab File: BF097002.D

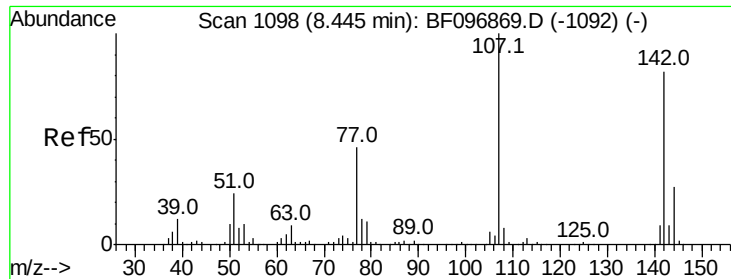
Acq: 24 Jul 2017 23:10

Tgt Ion:	113	Resp:	72474
Ion Ratio	Lower	Upper	
113	100		
55	223.7	150.2	190.2#
56	163.4	107.8	147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





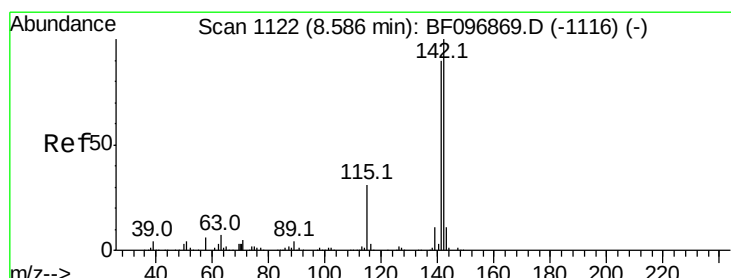
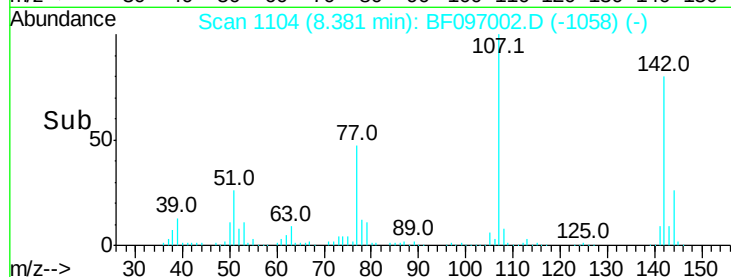
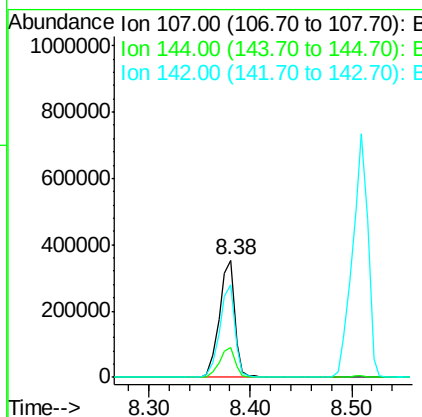
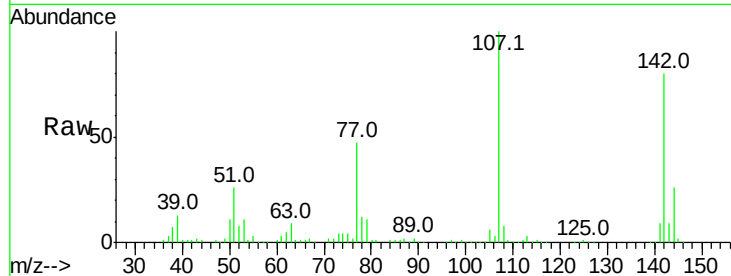
#36
 4-Chloro-3-methylphenol
 Concen: 43.879 ng
 RT: 8.38 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.5	24.2	36.4
142	79.5	73.4	110.0

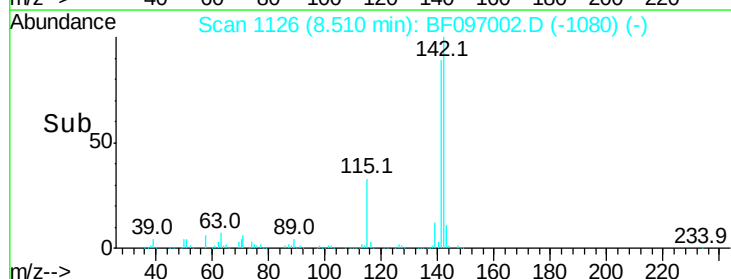
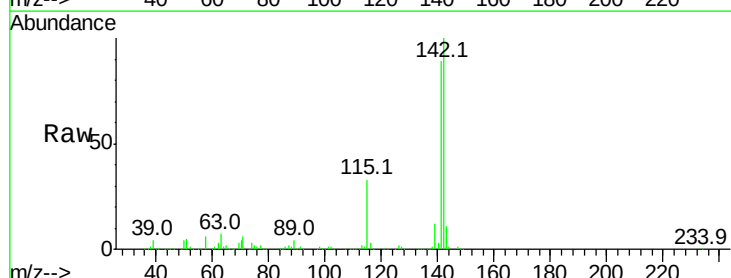
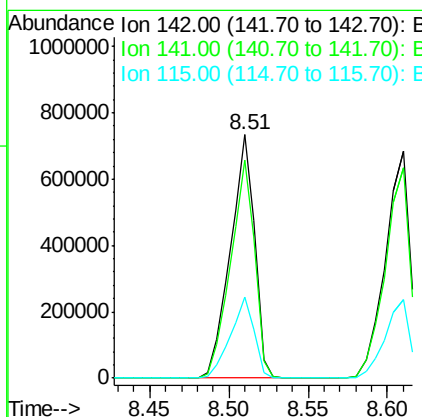
Manual Integrations
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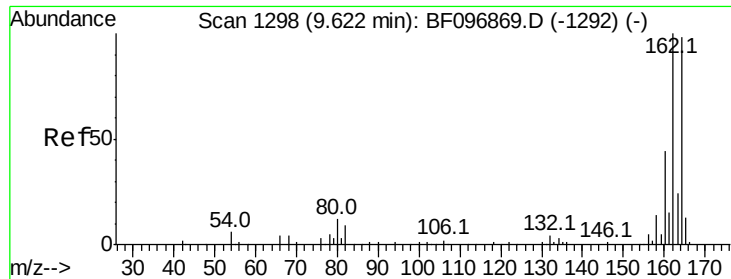
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#37
 2-Methylnaphthalene
 Concen: 45.187 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	33.3	27.1	40.7





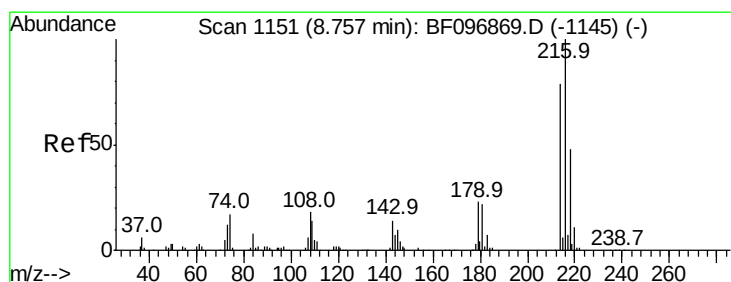
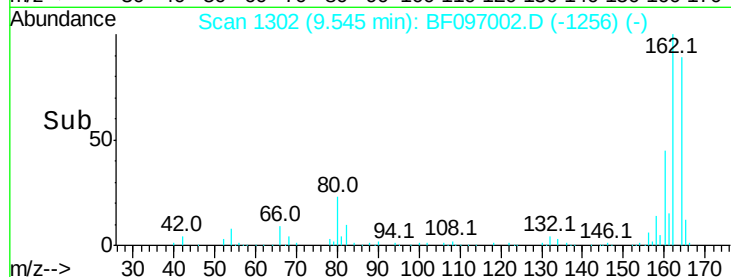
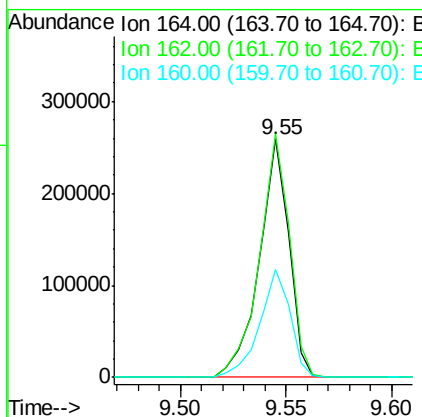
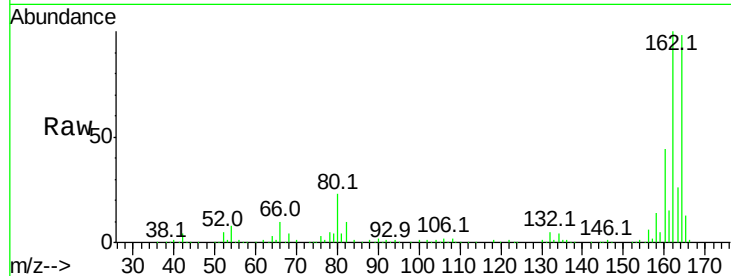
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	253259		
162	102.1	82.6	123.8	
160	45.3	36.2	54.2	

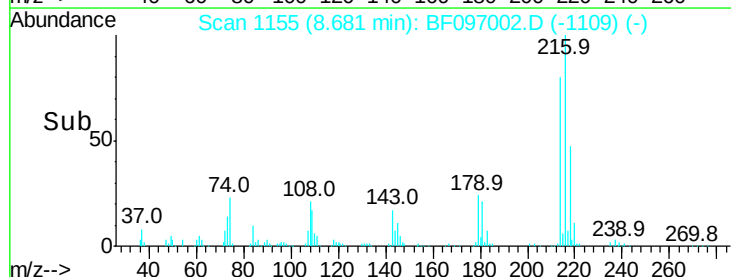
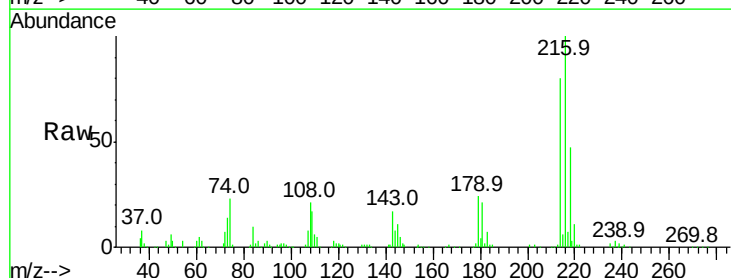
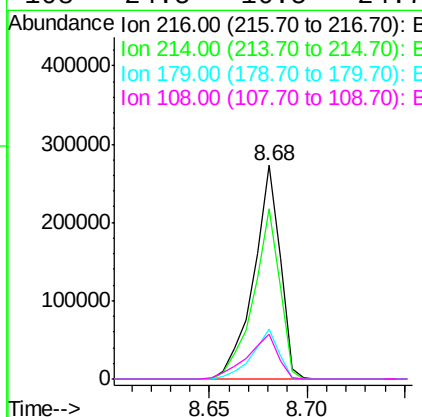
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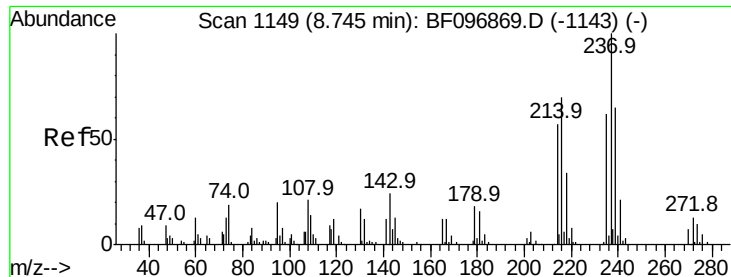
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.395 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	256010		
214	79.7	63.4	95.2	
179	23.1	17.9	26.9	
108	24.5	16.5	24.7	





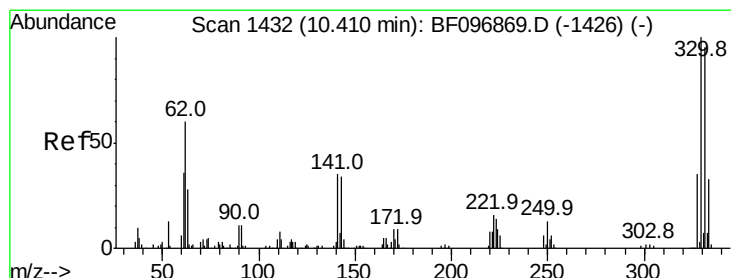
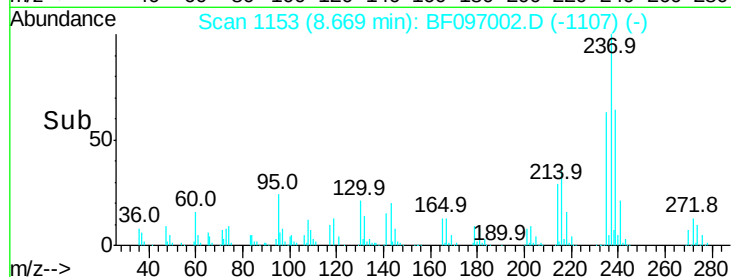
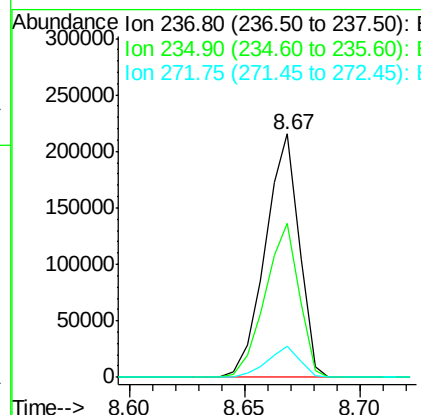
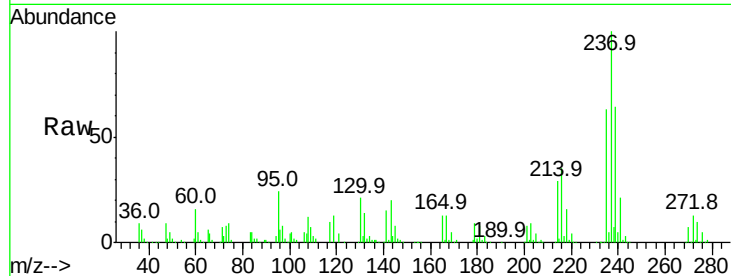
#40
 Hexachlorocyclopentadiene
 Concen: 84.742 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	219012		
235	63.4	42.6	82.6	
272	12.8	0.0	31.9	

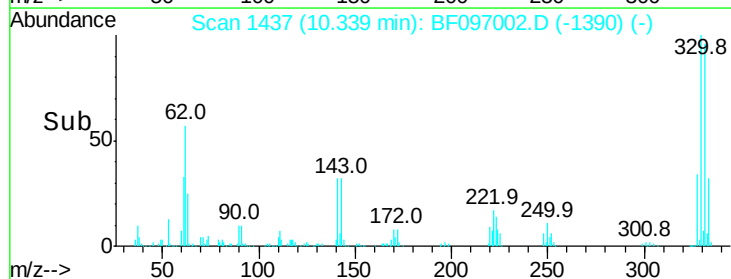
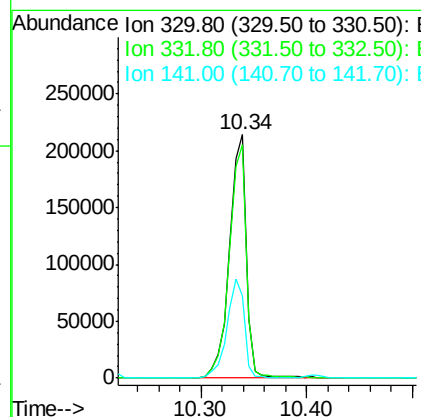
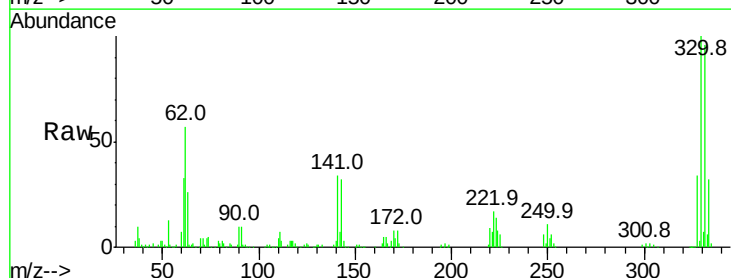
Manual Integrations
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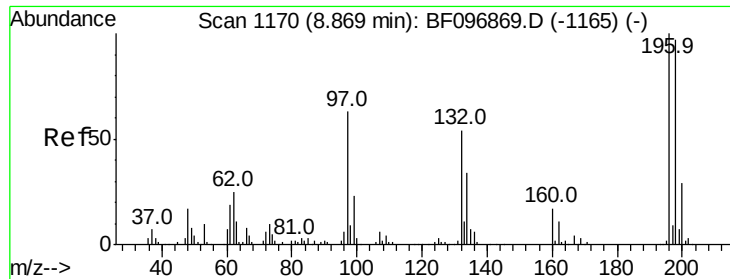
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#41
 2,4,6-Tribromophenol
 Concen: 110.360 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238575		
332	97.5	76.6	115.0	
141	42.3	31.4	47.2	





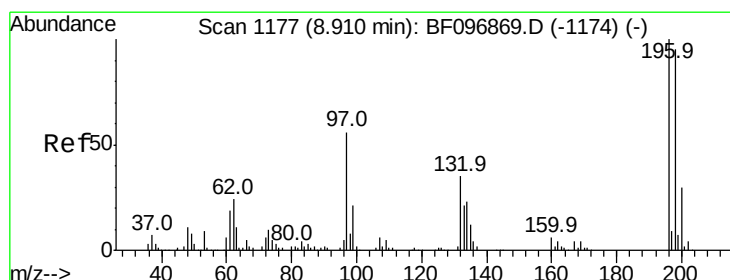
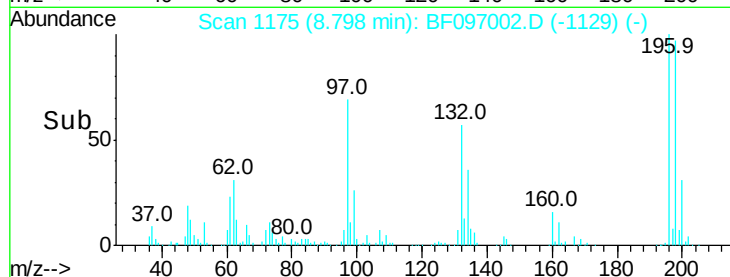
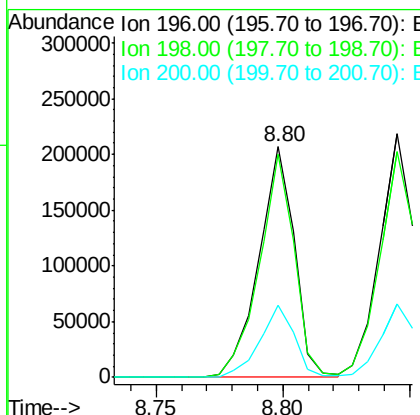
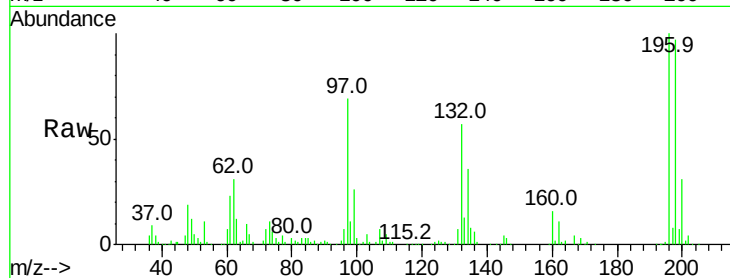
#42
 2,4,6-Trichlorophenol
 Concen: 40.323 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203631		
198	96.7	74.2	111.4	
200	31.5	24.0	36.0	

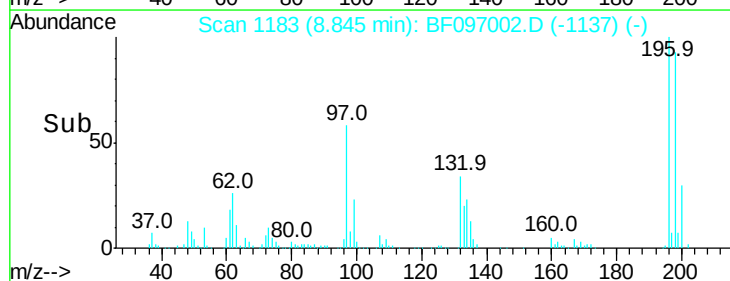
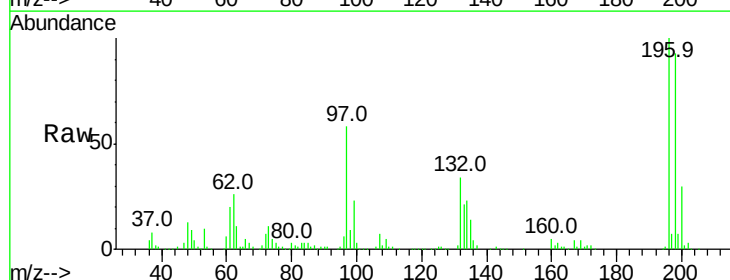
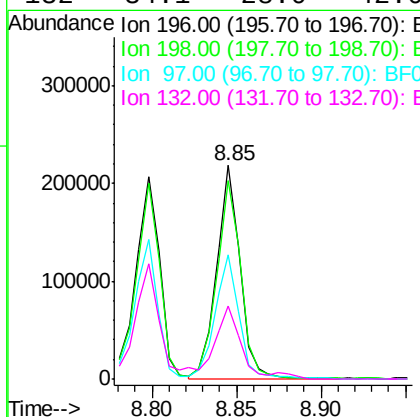
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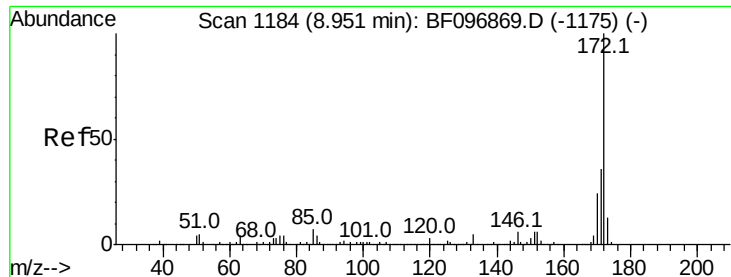
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#43
 2,4,5-Trichlorophenol
 Concen: 41.687 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212316		
198	92.9	75.7	113.5	
97	58.4	47.7	71.5	
132	34.1	28.0	42.0	





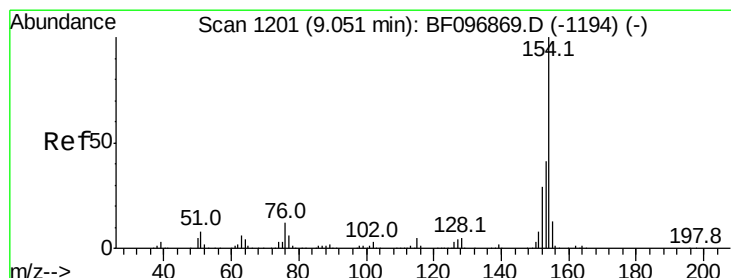
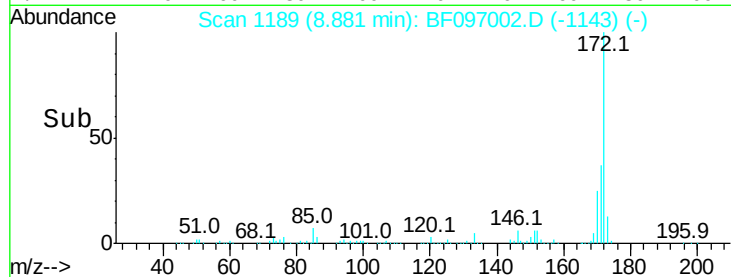
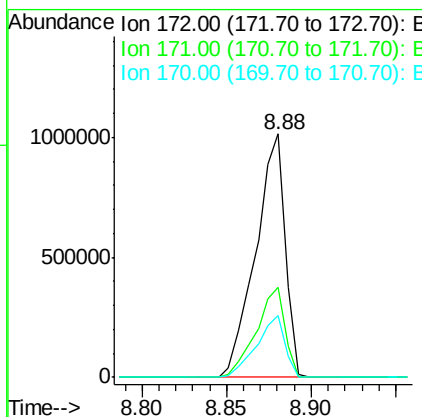
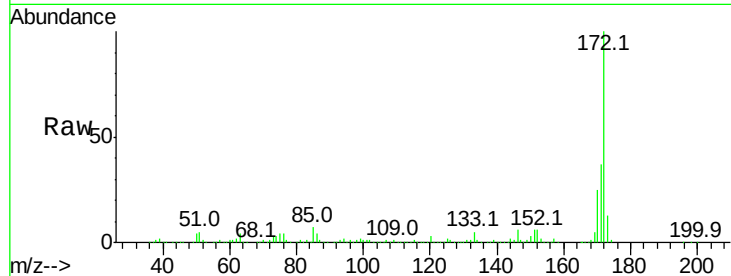
#44
 2-Fluorobiphenyl
 Concen: 76.806 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.3	19.8	29.8

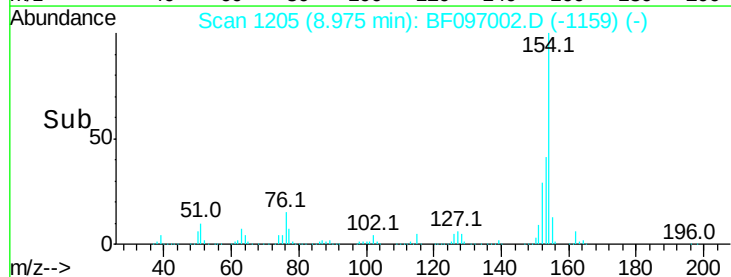
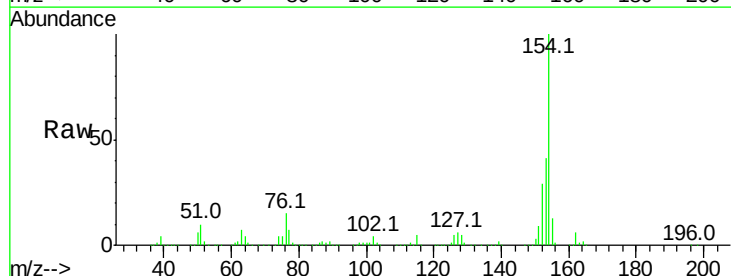
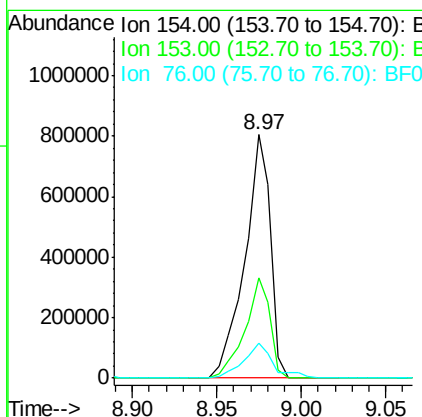
Manual Integrations
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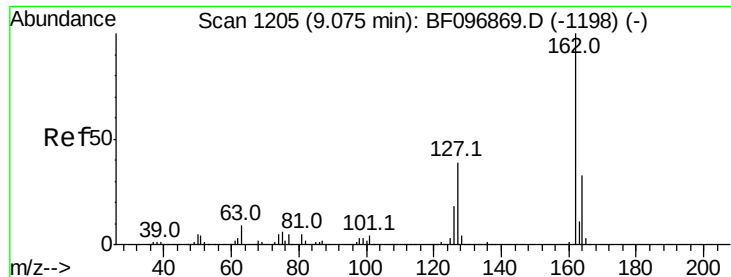
Sohil
 7/25/2017 5:36:26 PM



#45
 1,1'-Biphenyl
 Concen: 39.365 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	14.6	0.0	29.9





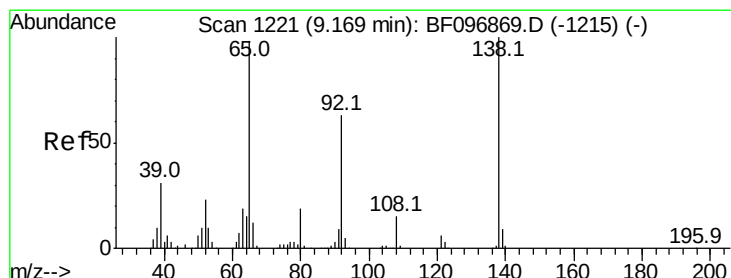
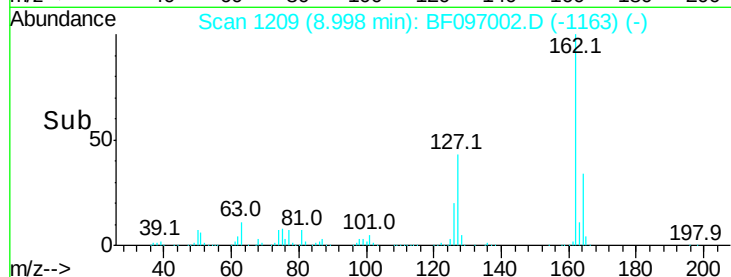
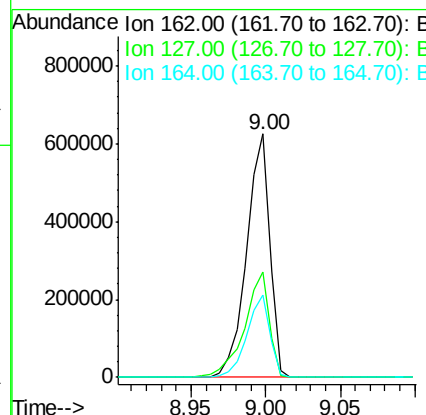
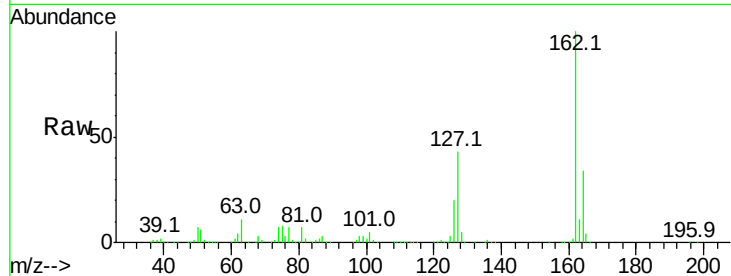
#46
2-Chloronaphthalene
Concen: 41.850 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	669352		
127	43.1	28.3	42.5#	
164	33.8	27.0	40.4	

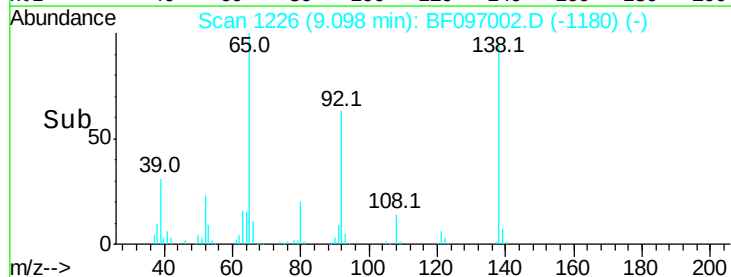
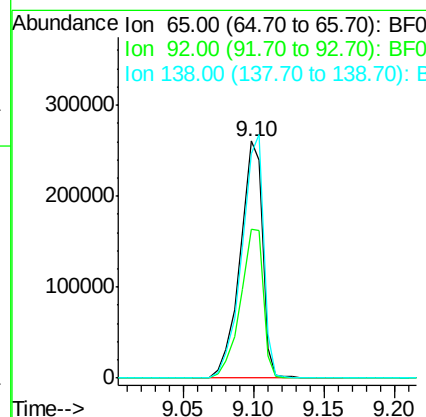
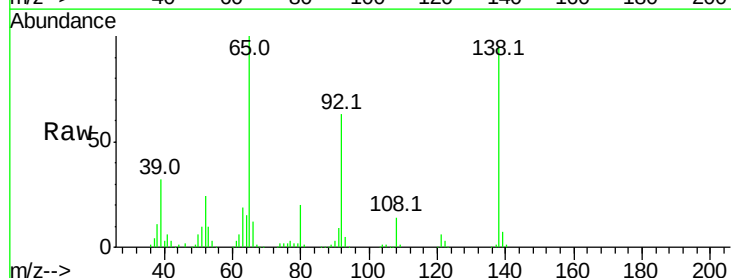
Manual Integrations
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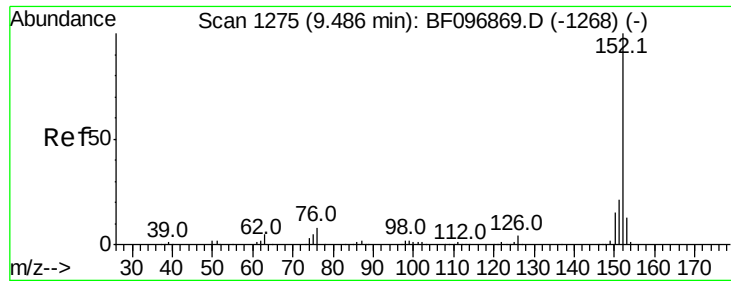
Sohil
7/25/2017 5:36:26 PM



#47
2-Nitroaniline
Concen: 52.428 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	288237		
92	63.0	53.9	80.9	
138	94.7	78.8	118.2	





#48

Acenaphthylene

Concen: 41.464 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:152 Resp: 1056655

Ion Ratio Lower Upper

152 100

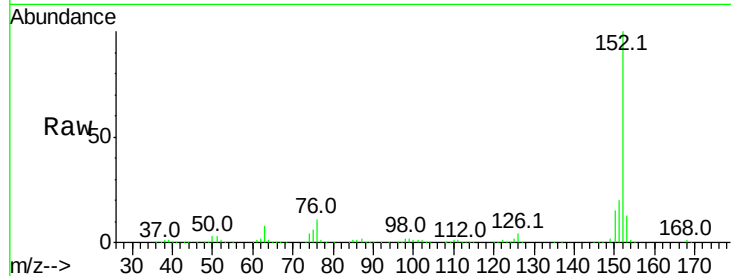
151 20.2 16.8 25.2

153 12.6 10.8 16.2

Manual Integrations
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Sohil

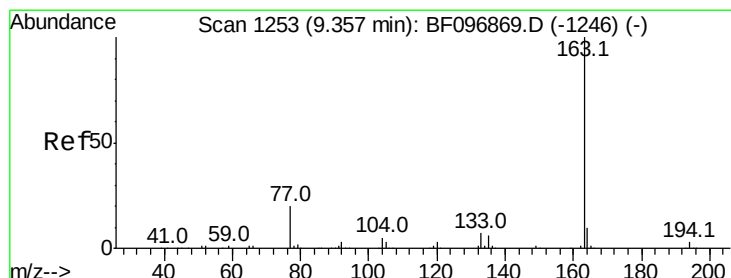
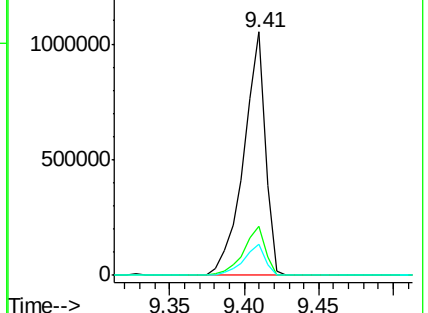
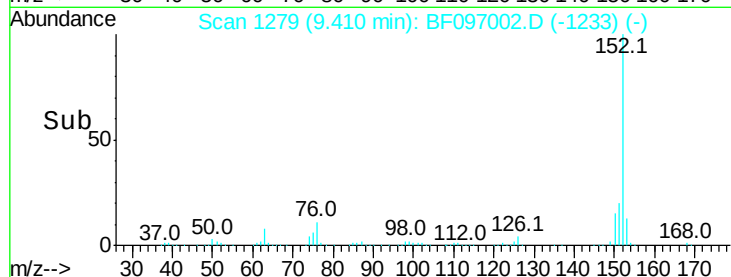
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 54.743 ng

RT: 9.29 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

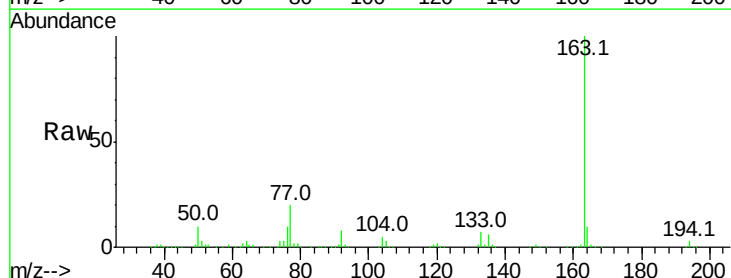
Tgt Ion:163 Resp: 1043915

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

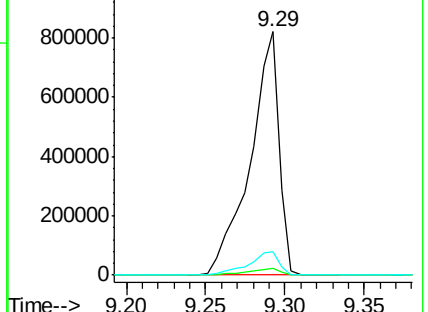
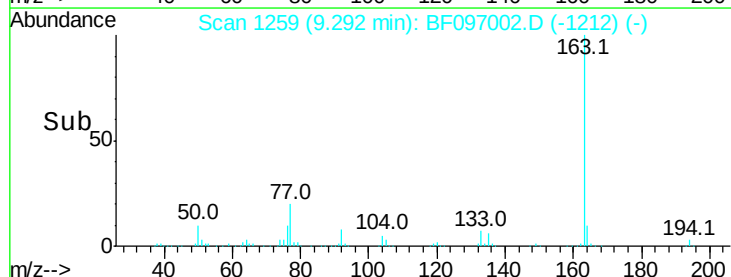
164 9.8 8.4 12.6

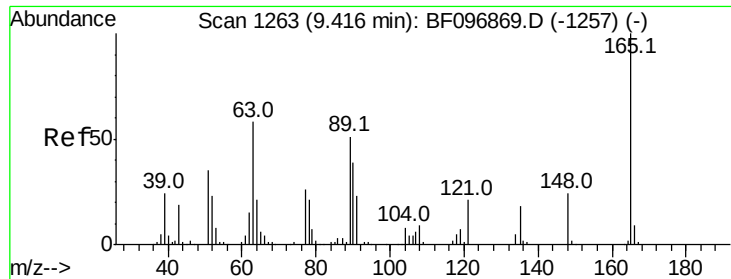


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





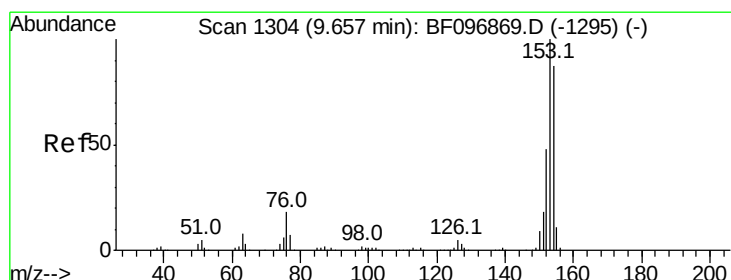
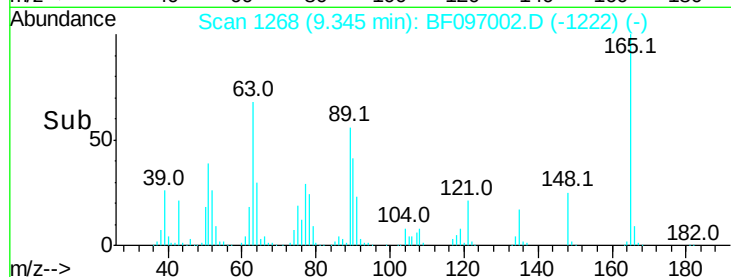
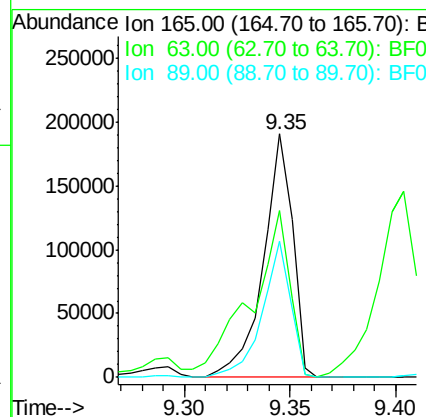
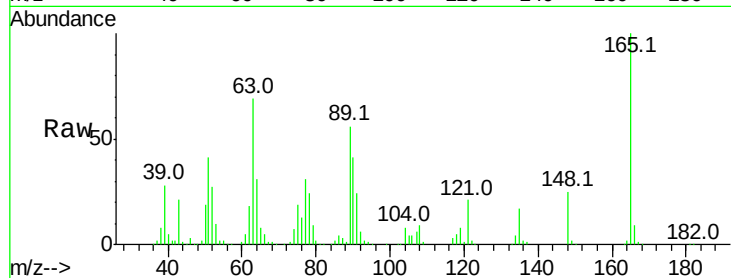
#50
2,6-Dinitrotoluene
Concen: 44.725 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.7	34.3	51.5#	
89	55.9	37.1	55.7#	

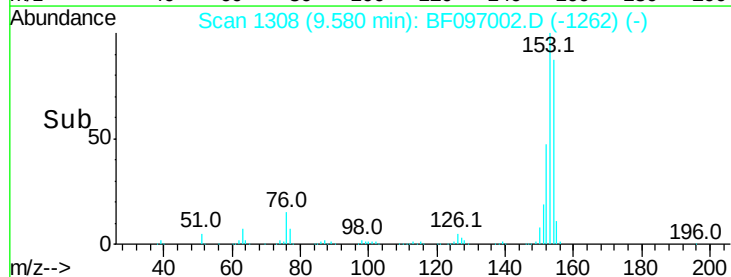
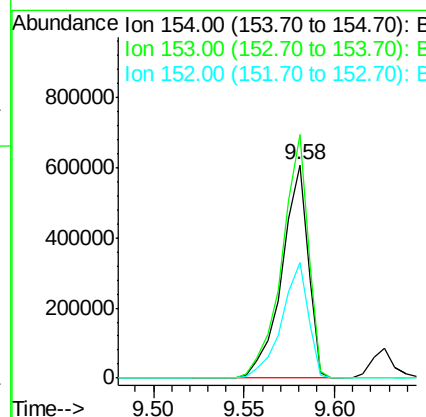
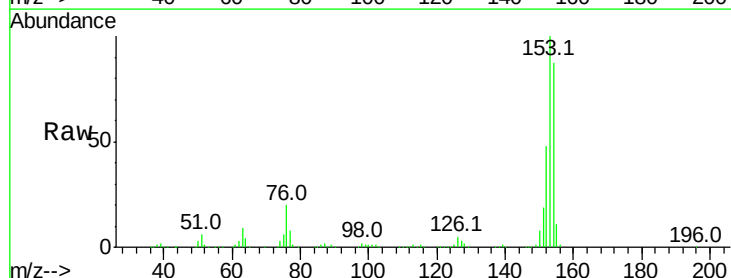
Manual Integrations
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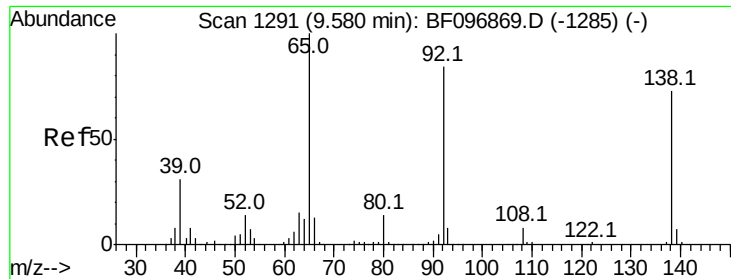
Sohil
7/25/2017 5:36:26 PM



#51
Acenaphthene
Concen: 40.970 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.3	90.5	135.7	
152	54.4	43.6	65.4	





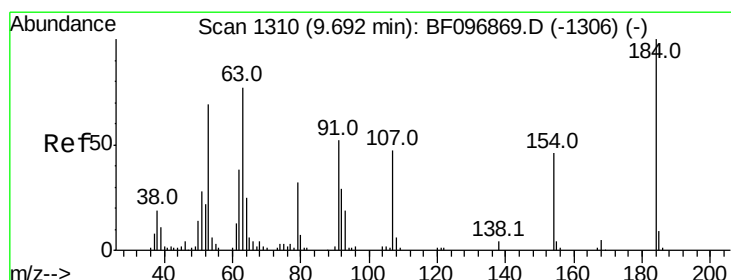
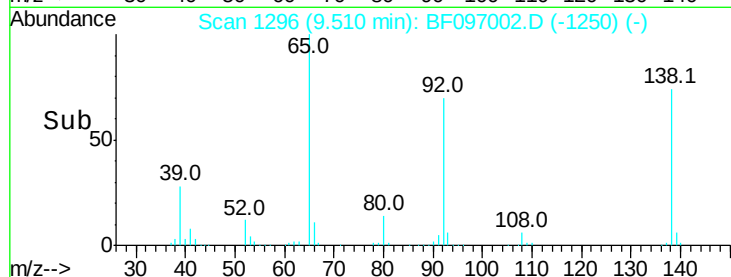
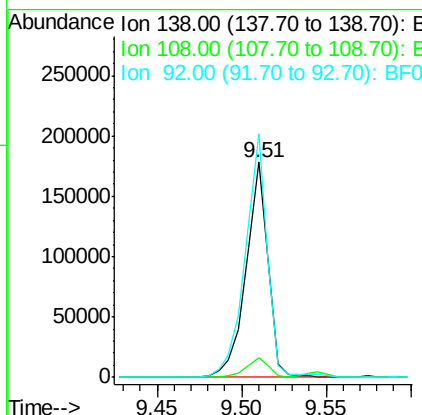
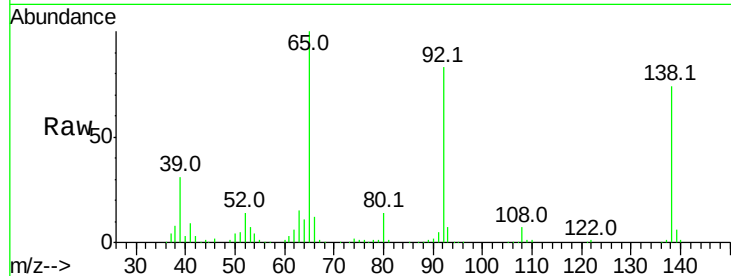
#52
 3-Nitroaniline
 Concen: 33.505 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	9.1	13.7
92	113.2	93.8	140.6

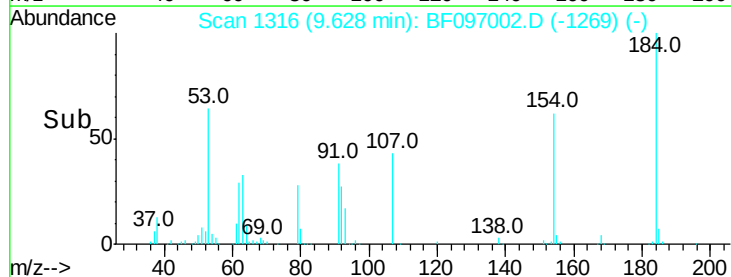
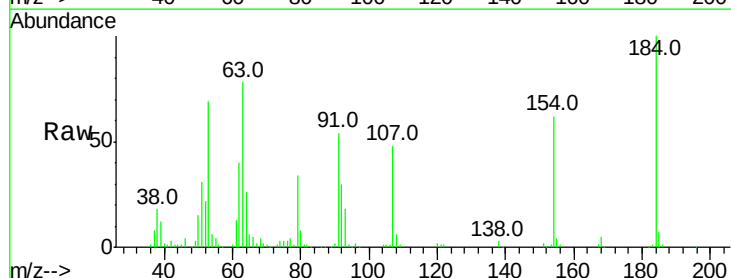
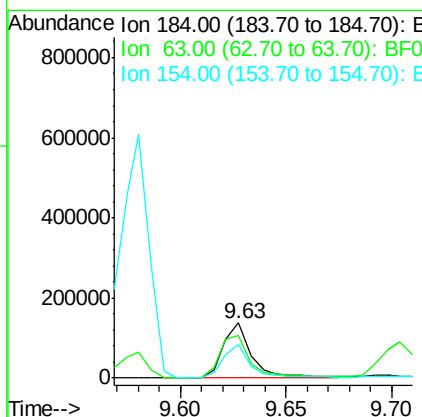
Manual Integrations
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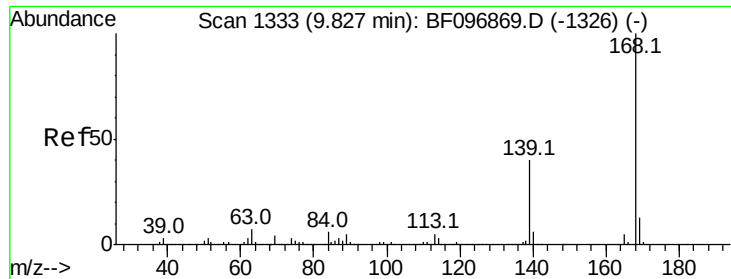
Sohil
 7/25/2017 5:36:26 PM



#53
 2,4-Dinitrophenol
 Concen: 65.159 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.0	62.7	94.1
154	61.8	81.1	121.7#





#54

Dibenzofuran

Concen: 41.196 ng

RT: 9.75 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:168 Resp: 869076

Ion Ratio Lower Upper

168 100

139 41.5 30.6 45.8

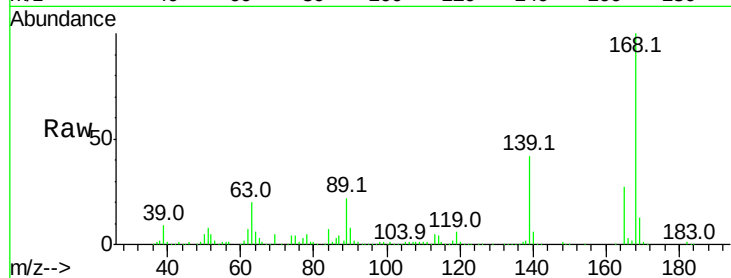
169 13.3 10.8 16.2

Manual Integrations

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Sohil

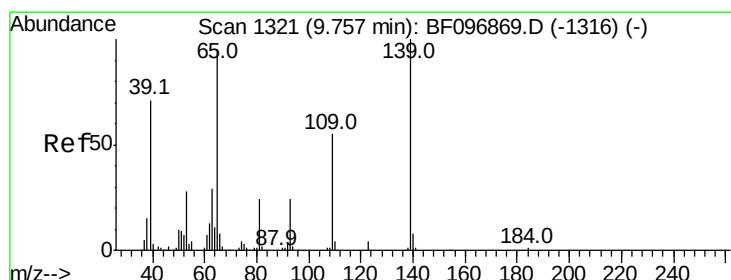
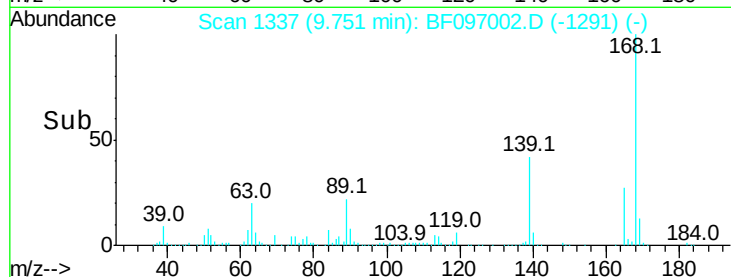
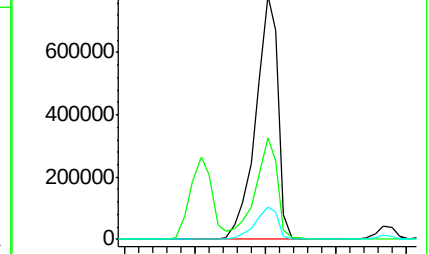
7/25/2017 5:36:26 PM



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: 80.875 ng

RT: 9.70 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

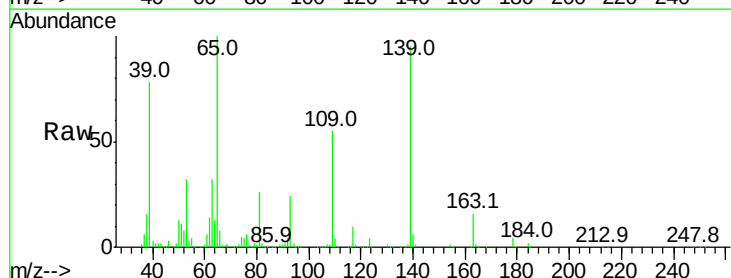
Tgt Ion:139 Resp: 289111

Ion Ratio Lower Upper

139 100

109 57.9 34.1 74.1

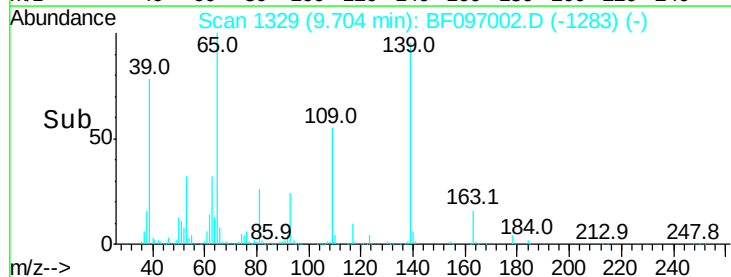
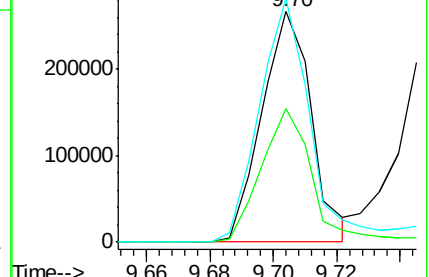
65 105.7 31.4 71.4#

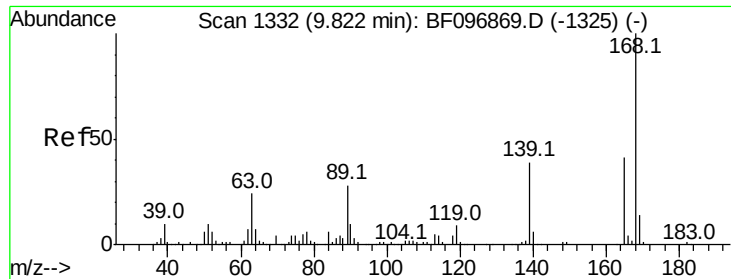


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





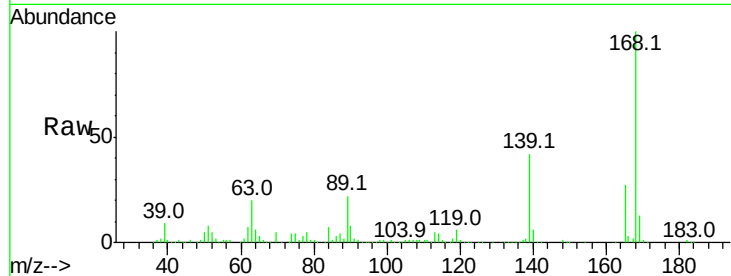
#56
2,4-Dinitrotoluene
Concen: 39.958 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	74.7	25.4	38.0#
89	81.1	46.4	69.6#
182	2.0	1.8	2.6

Manual Integrations
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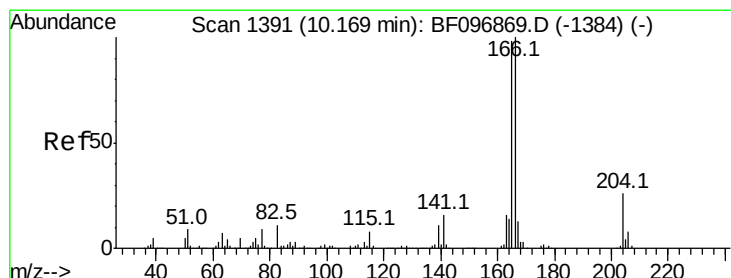
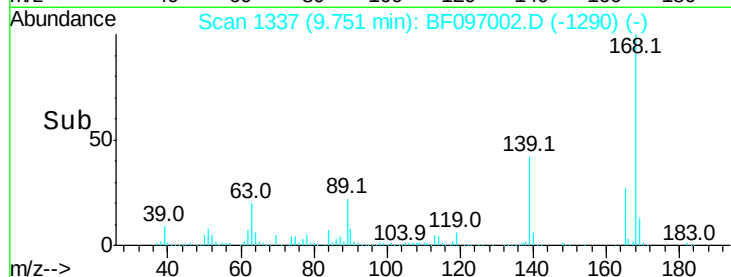
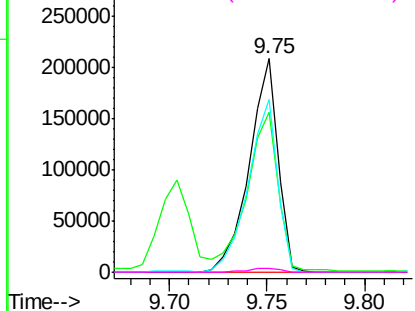
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 41.338 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

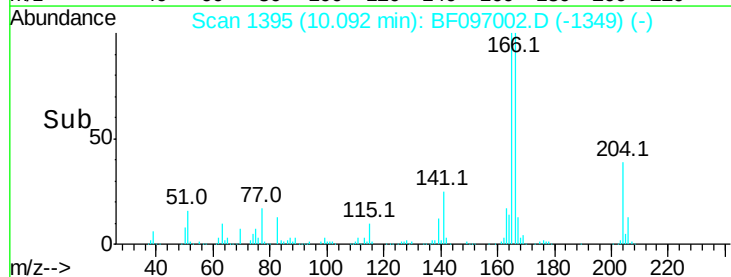
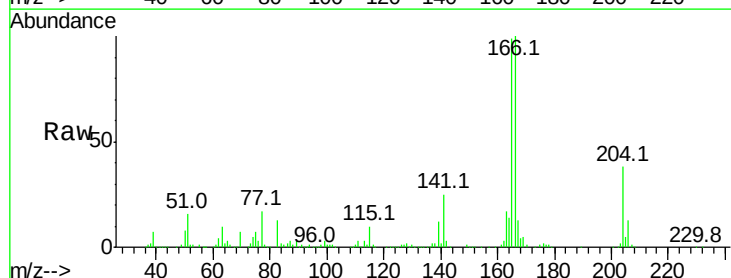
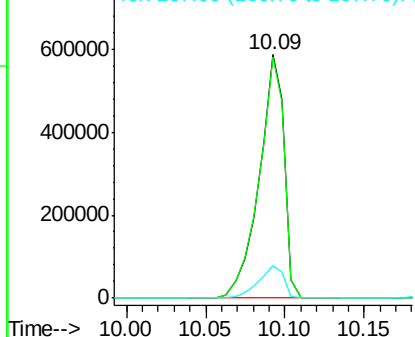
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.5	10.6	16.0

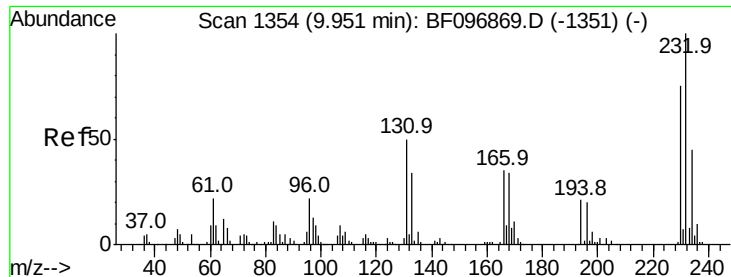
Abundance

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





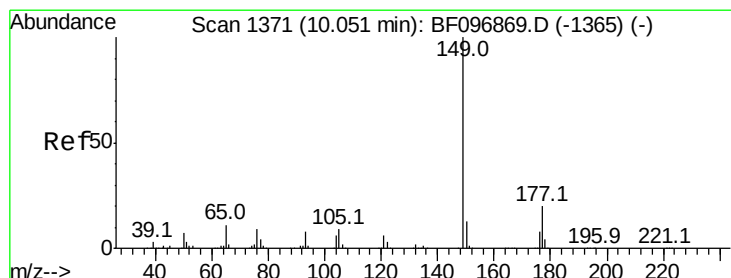
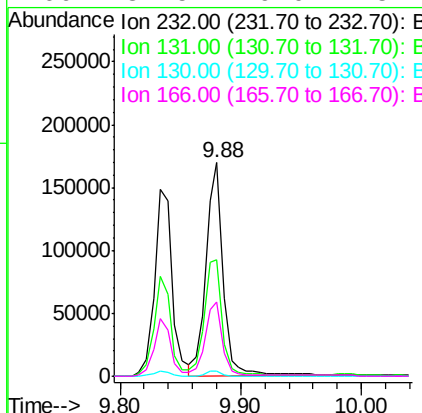
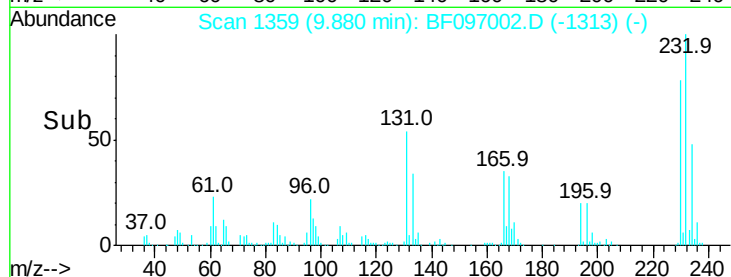
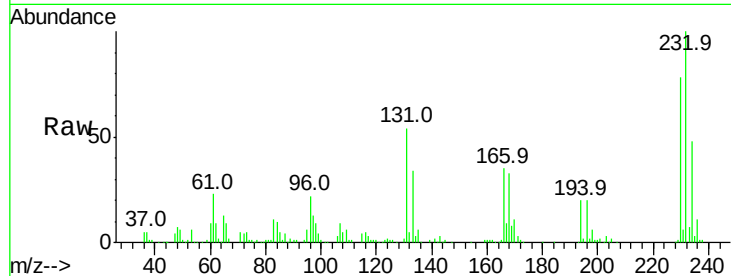
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.114 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	166414		
131	59.2	44.8	67.2	
130	2.7	2.3	3.5	
166	34.5	29.0	43.4	

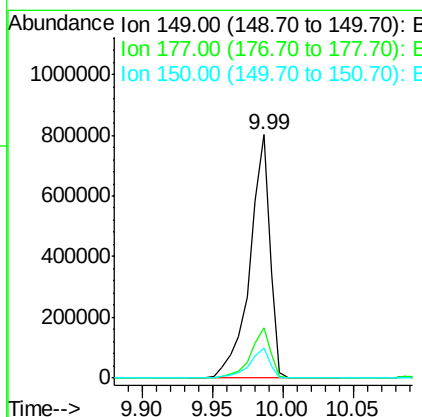
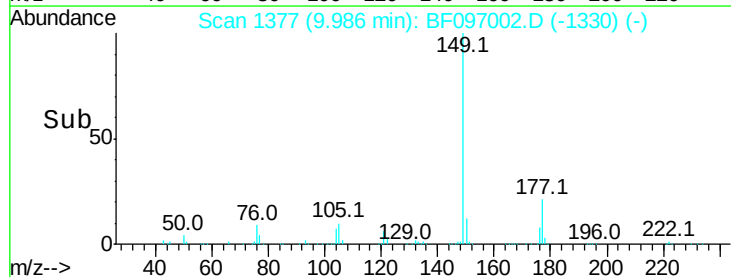
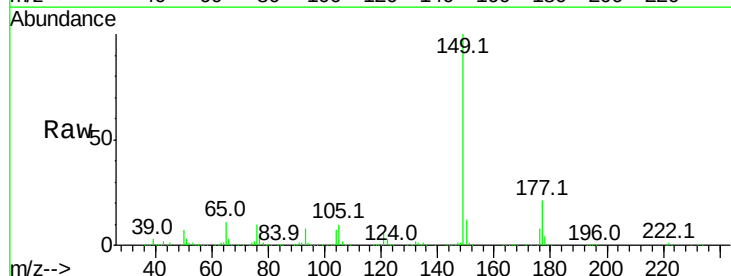
Manual Integrations
 APPROVED

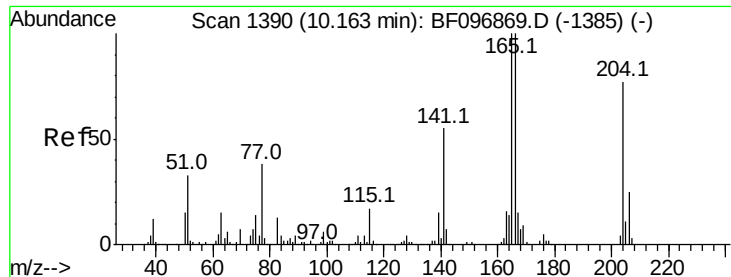
Sohil
 7/25/2017 5:36:26 PM



#59
 Diethylphthalate
 Concen: 43.267 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	803213		
177	20.6	16.7	25.1	
150	12.3	10.2	15.2	





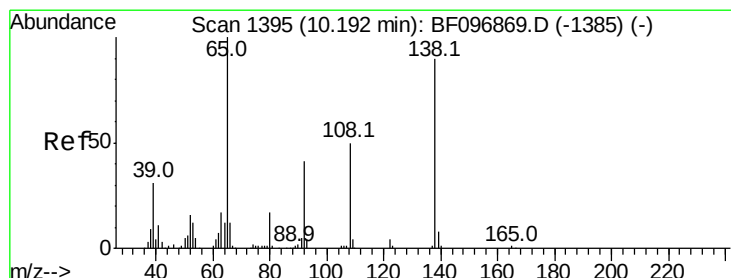
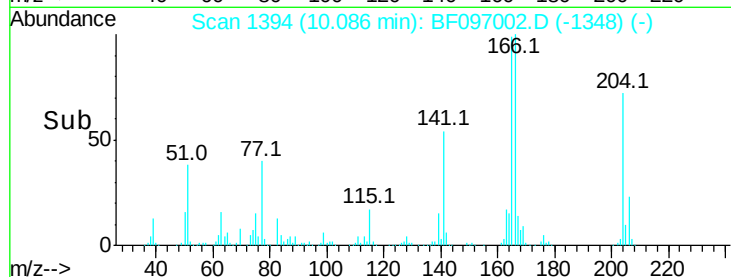
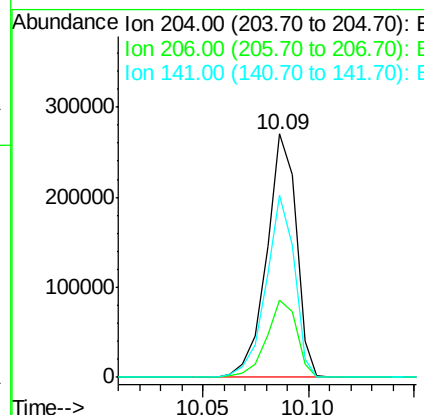
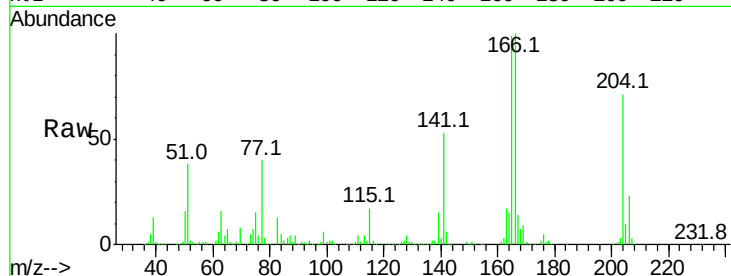
#60
 4-Chlorophenyl-phenylether
 Concen: 39.504 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampled :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	74.8	60.8	91.2

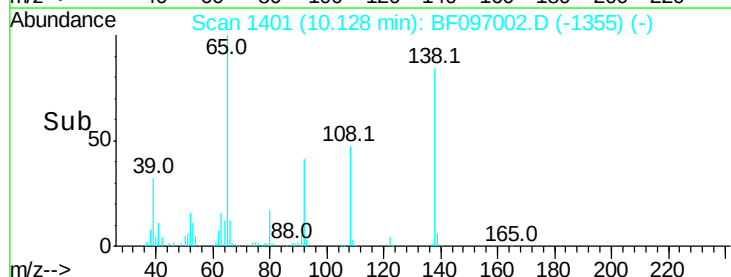
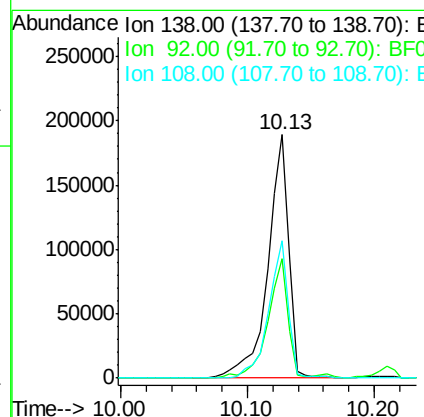
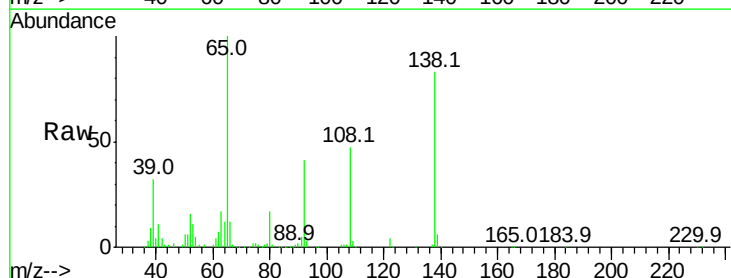
Manual Integrations
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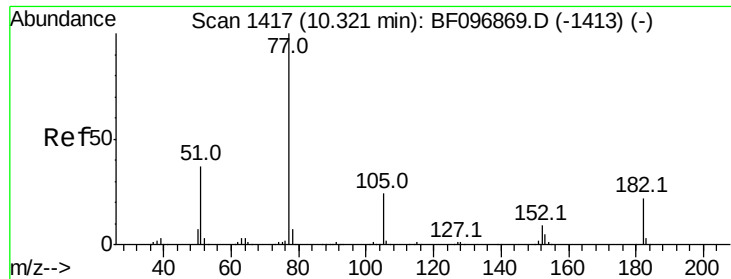
Sohil
 7/25/2017 5:36:26 PM



#61
 4-Nitroaniline
 Concen: 47.031 ng
 RT: 10.13 min Scan# 1401
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	21.8	61.8
108	56.5	42.3	82.3





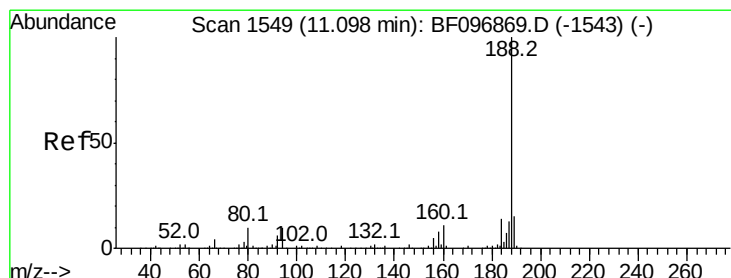
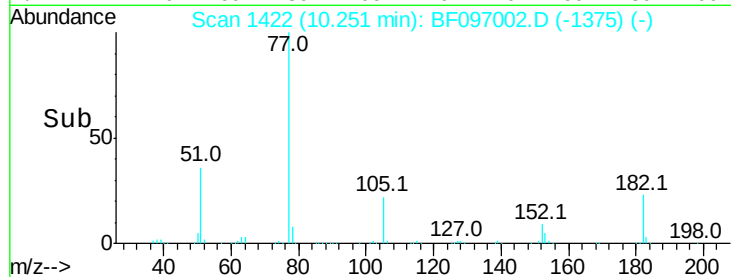
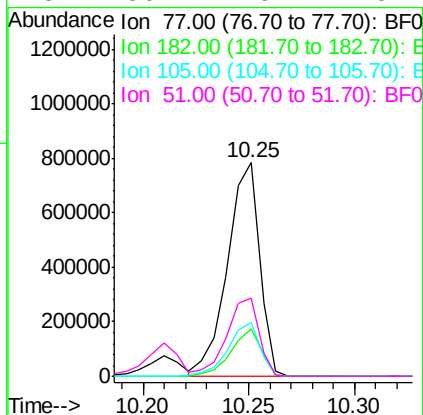
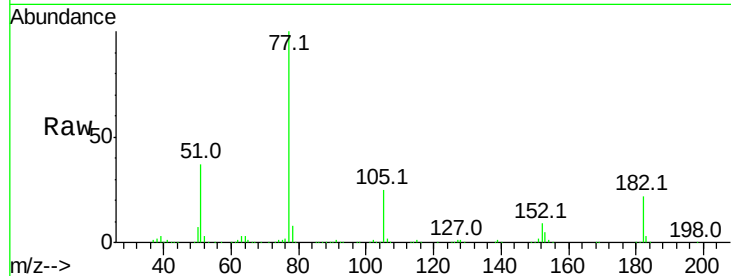
#62
Azobenzene
Concen: 50.375 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.2	0.1	40.1		
105	24.9	3.6	43.6		
51	36.7	9.4	49.4		

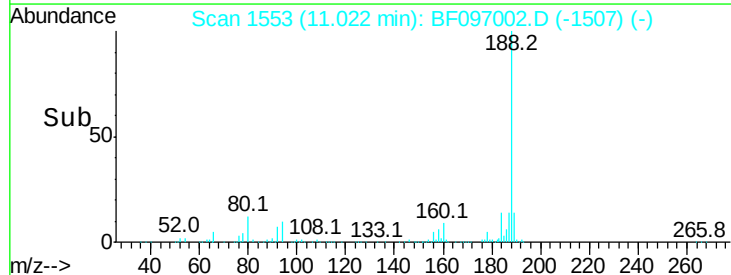
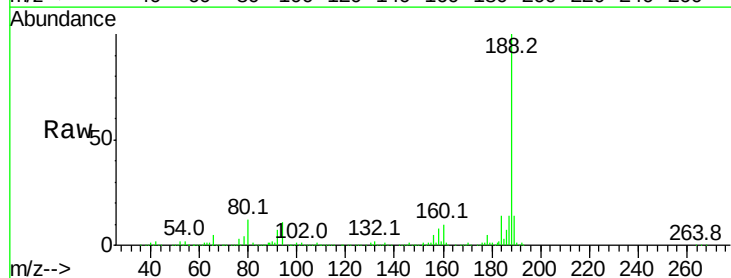
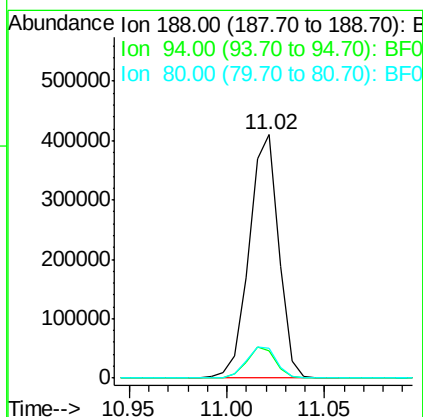
Manual Integrations
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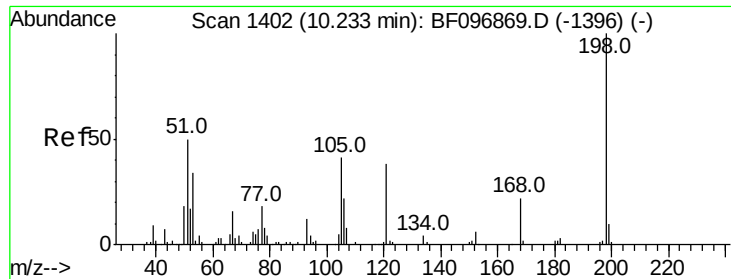
Sohil
7/25/2017 5:36:26 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.2	9.4	14.2		
80	12.0	10.2	15.2		





#64

4,6-Dinitro-2-methylphenol

Concen: 44.549 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:198 Resp: 120226

Ion Ratio Lower Upper

198 100

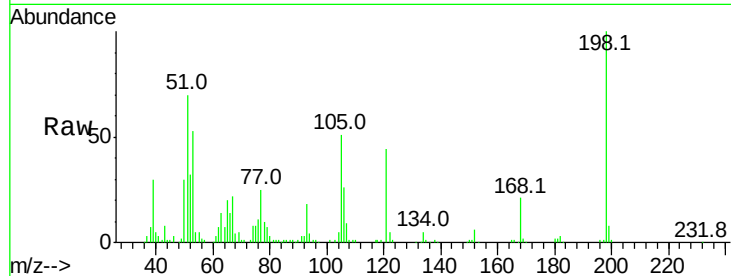
51 69.8 53.2 93.2

105 51.3 45.8 85.8

Manual Integrations
APPROVED

Sohil

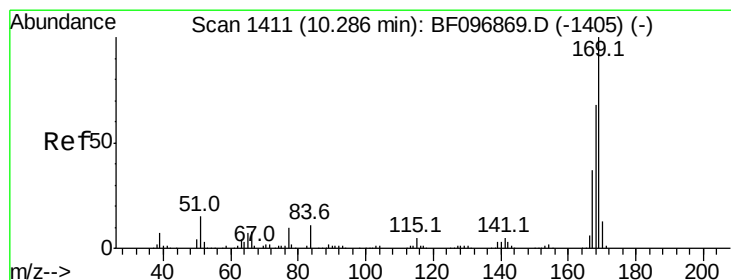
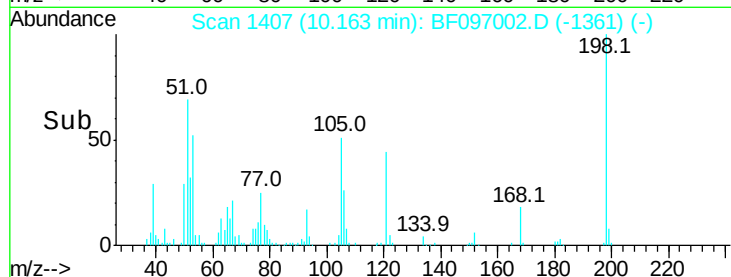
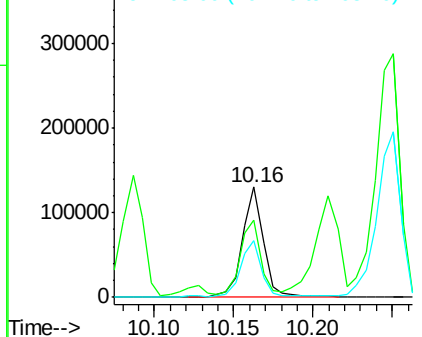
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.708 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

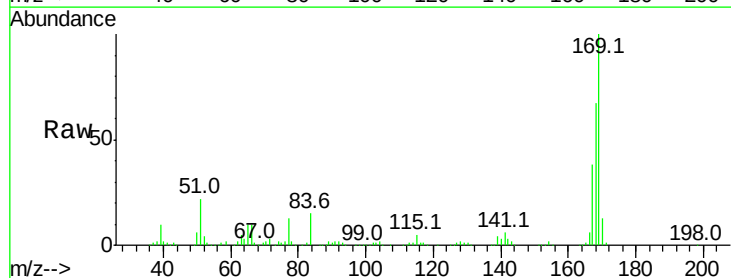
Tgt Ion:169 Resp: 610111

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

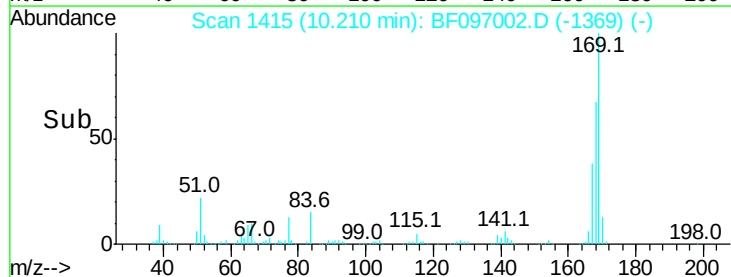
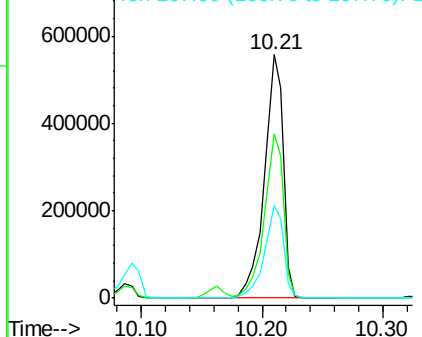
167 38.2 29.5 44.3

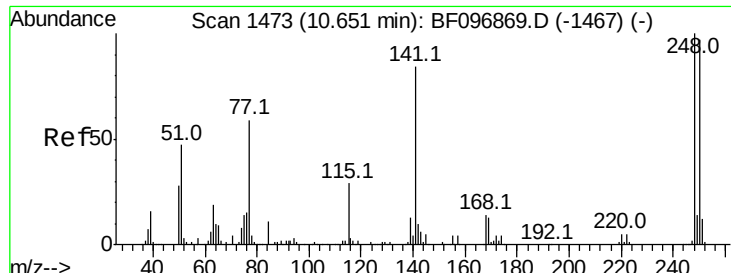


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





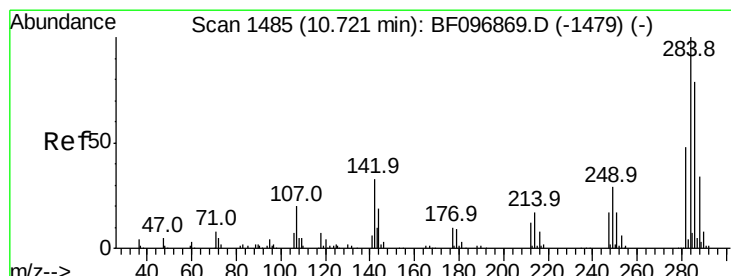
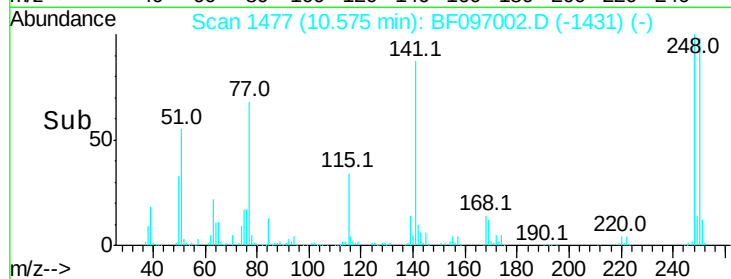
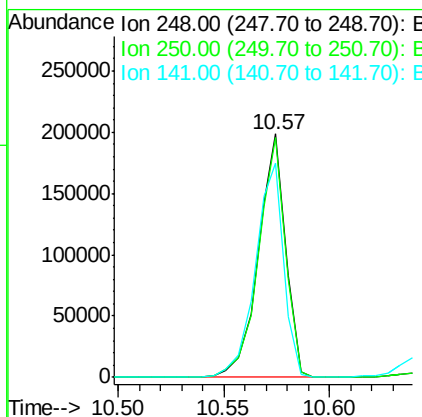
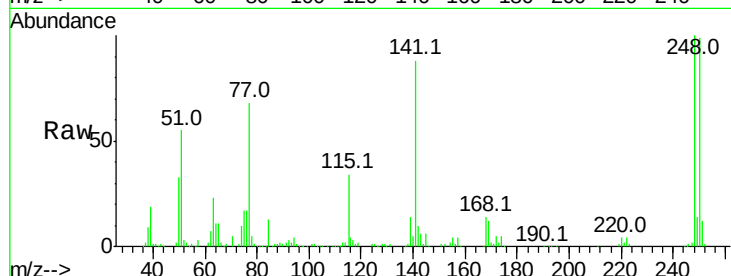
#66
4-Bromophenyl-phenylether
Concen: 40.461 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.8	115.2
141	87.9	68.6	103.0

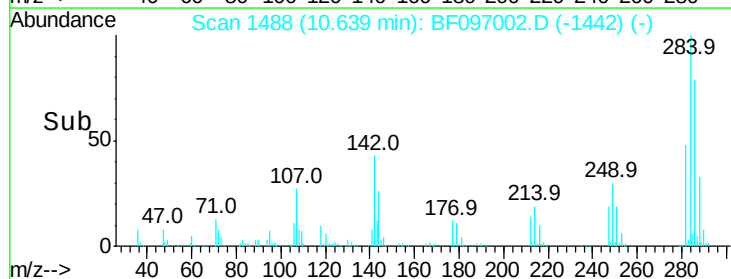
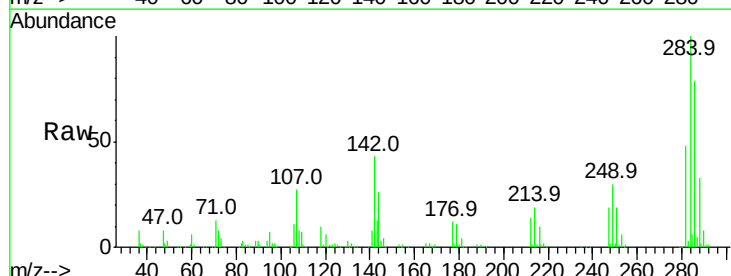
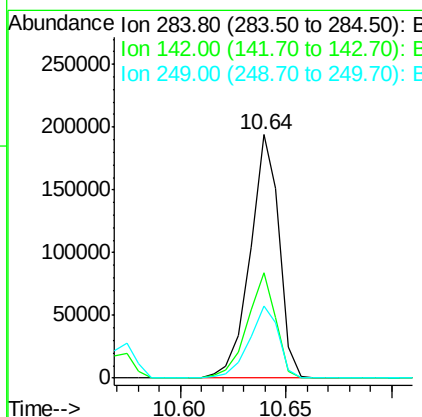
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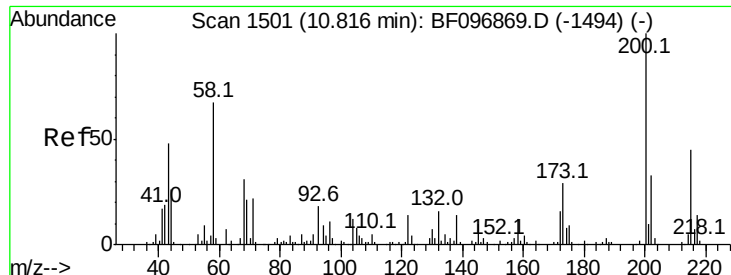
Sohil
7/25/2017 5:36:26 PM



#67
Hexachlorobenzene
Concen: 37.787 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.4	22.8	34.2#
249	29.6	24.0	36.0





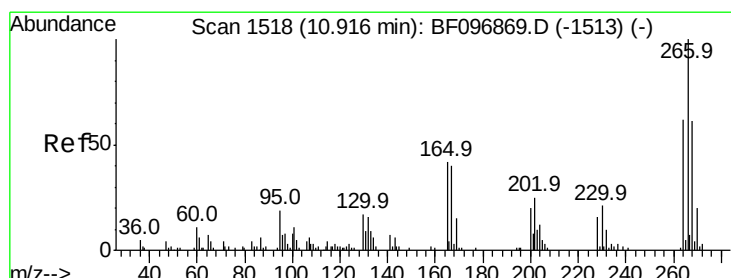
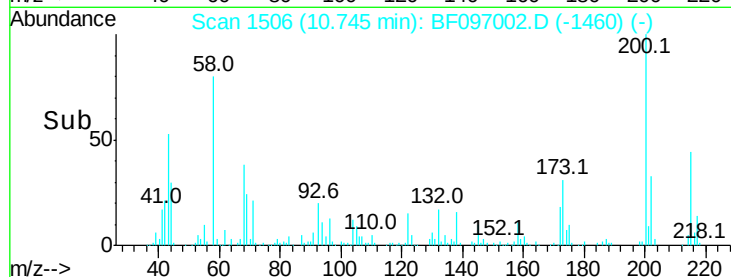
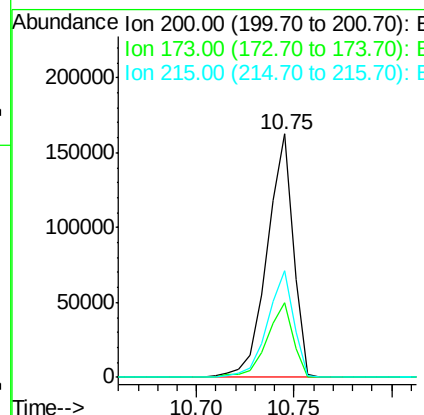
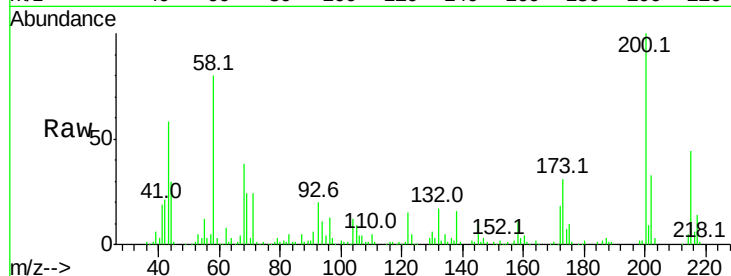
#68
Atrazine
Concen: 34.443 ng
RT: 10.75 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.8	6.3	46.3
215	43.9	27.2	67.2

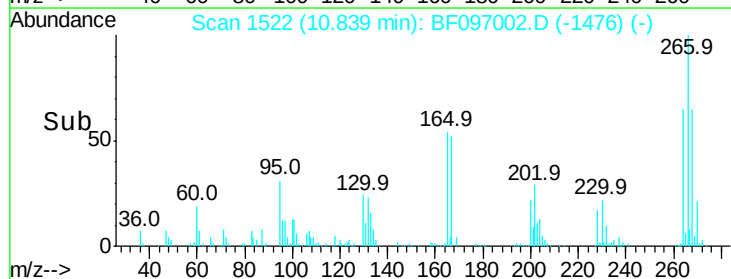
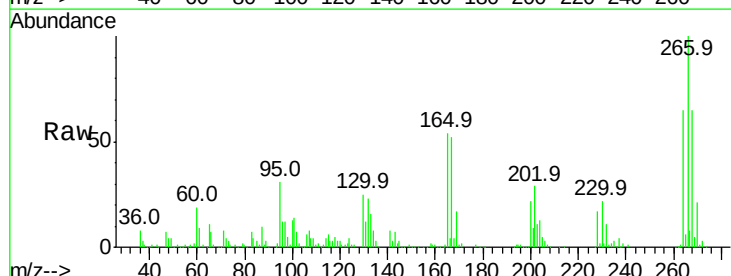
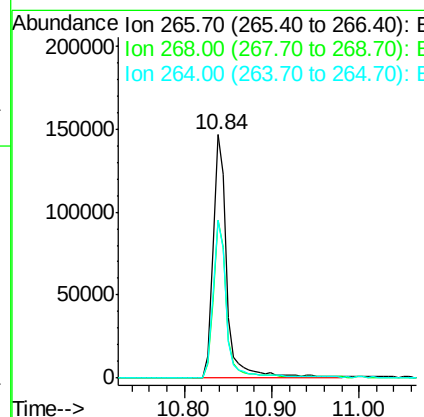
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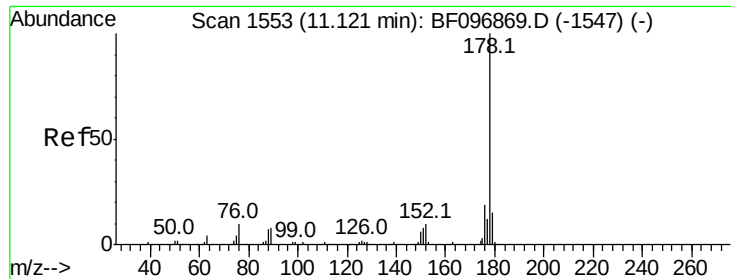
Sohil
7/25/2017 5:36:26 PM



#69
Pentachlorophenol
Concen: 69.043 ng
RT: 10.84 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.8	51.7	77.5





#70

Phenanthrene

Concen: 42.097 ng

RT: 11.05 min Scan# 1557

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

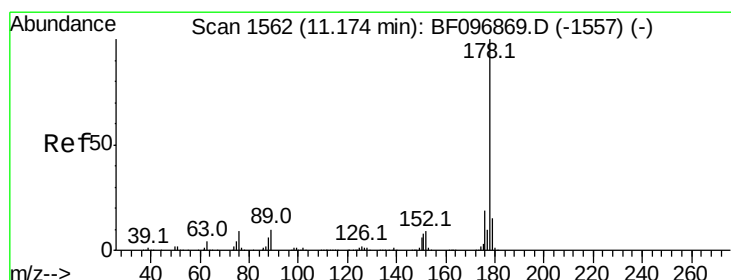
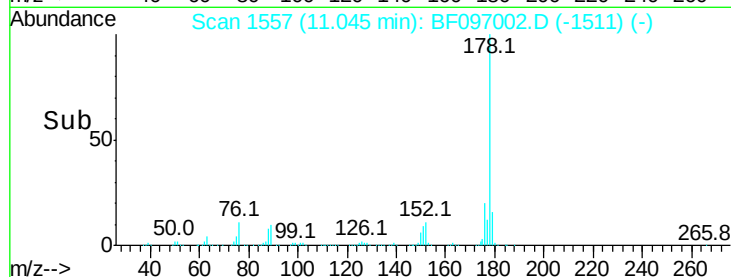
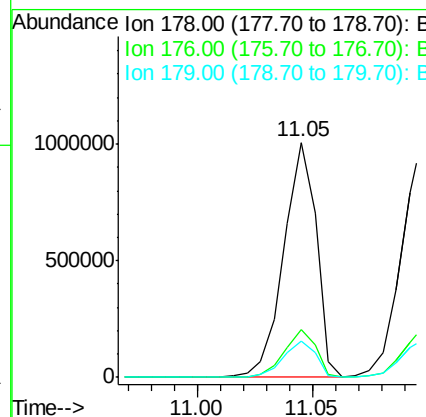
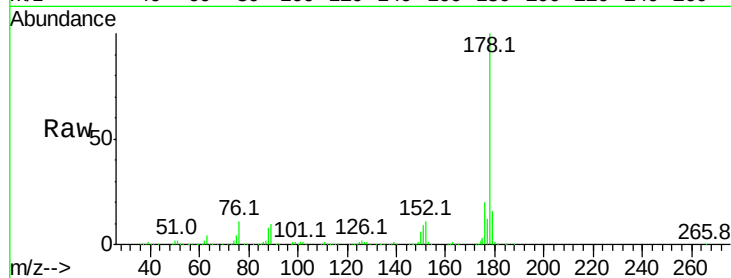
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:178	Resp:	983869
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.2 24.4
179	15.7	12.6 19.0

Manual Integrations
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#71

Anthracene

Concen: 43.274 ng

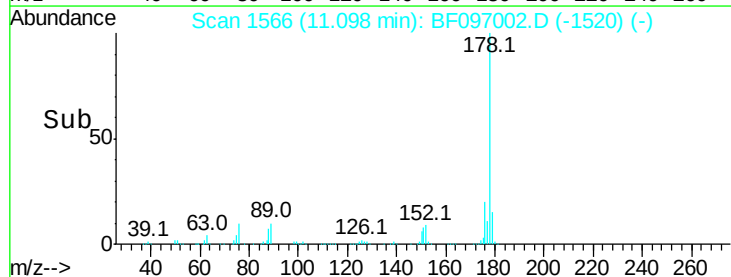
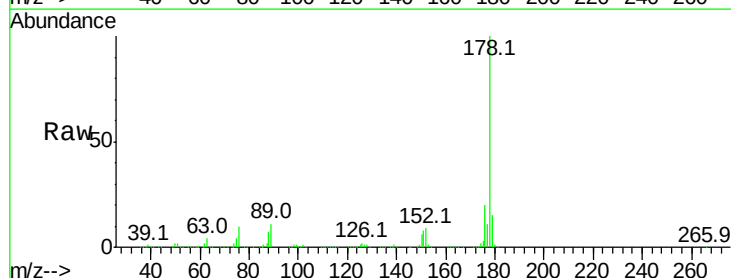
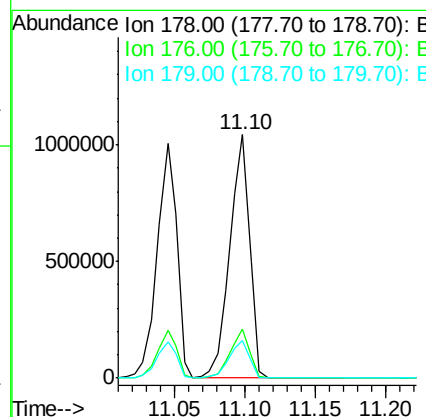
RT: 11.10 min Scan# 1566

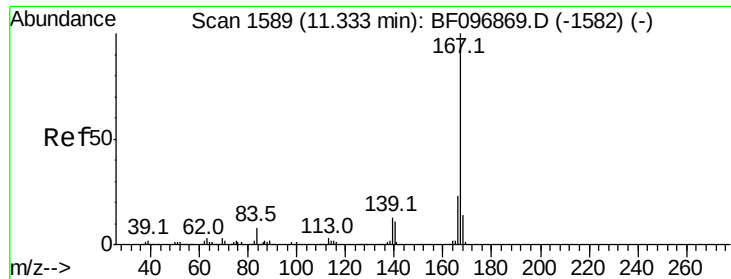
Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:178	Resp:	1022577
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.8 23.8
179	15.5	12.7 19.1





#72

Carbazole

Concen: 44.391 ng

RT: 11.26 min Scan# 1593

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:167 Resp: 1015824

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

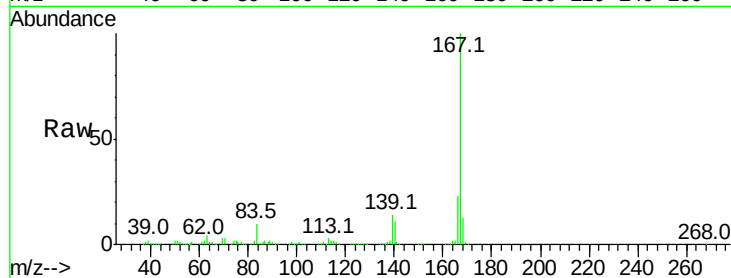
139 14.2 11.7 17.5

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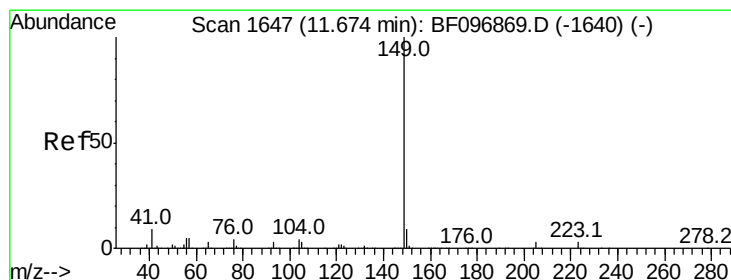
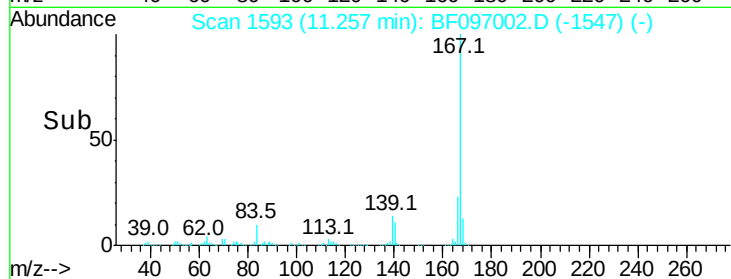
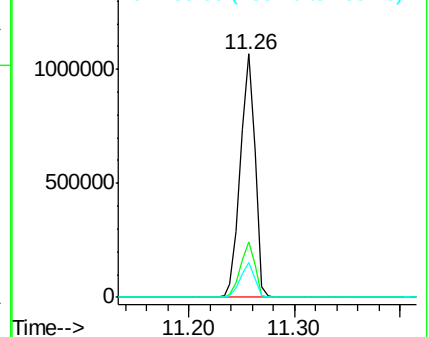
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.426 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

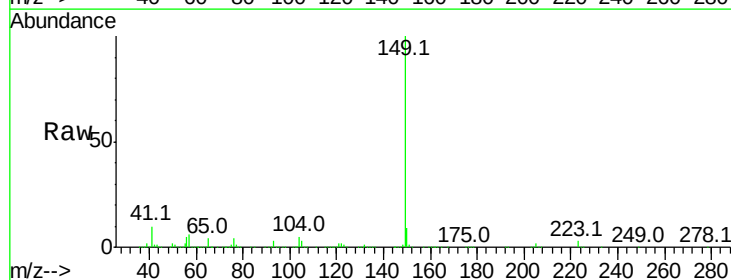
Tgt Ion:149 Resp: 1237599

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

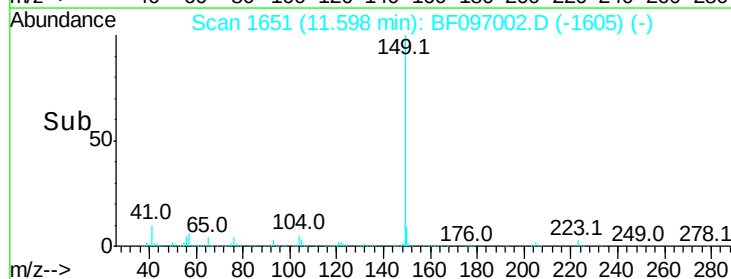
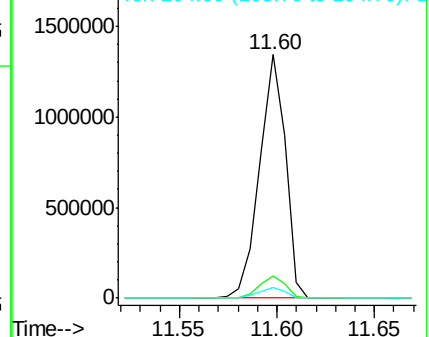
104 4.6 4.0 6.0

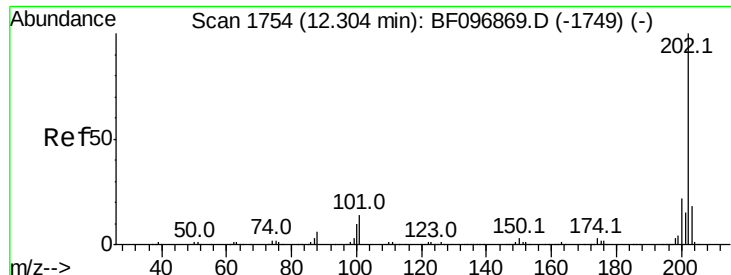


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





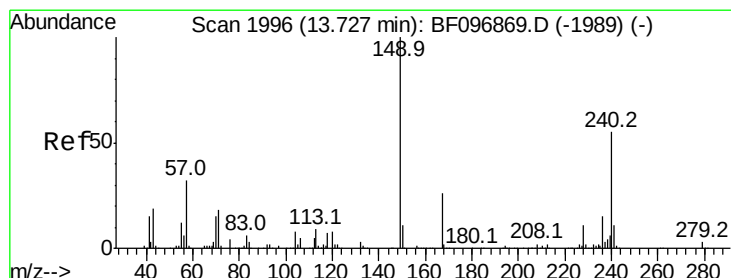
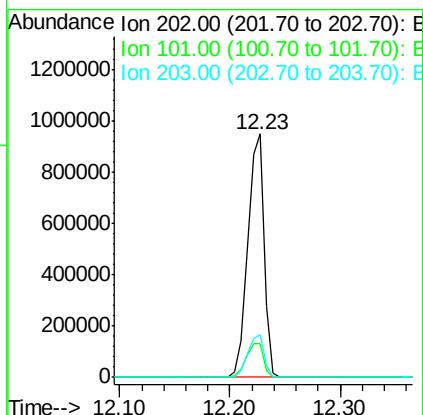
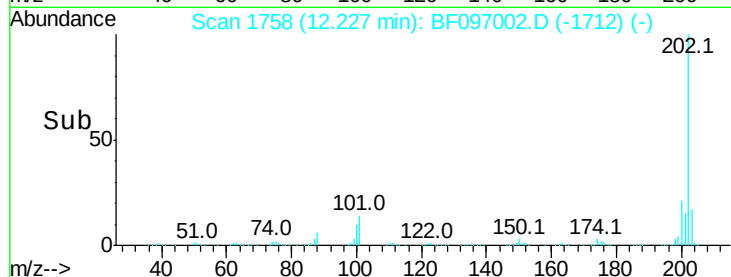
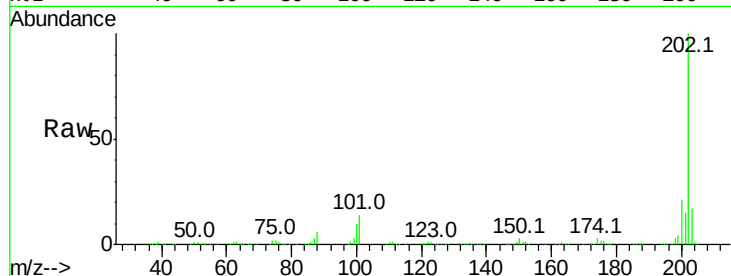
#74
 Fluoranthene
 Concen: 44.119 ng
 RT: 12.23 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.5	0.0	38.1

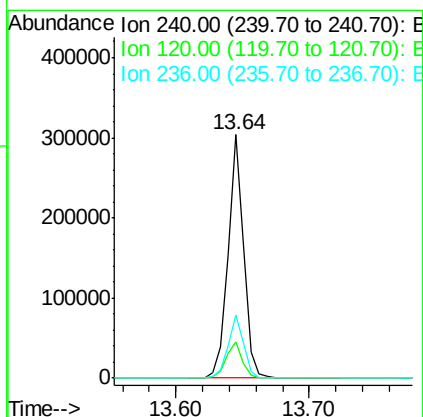
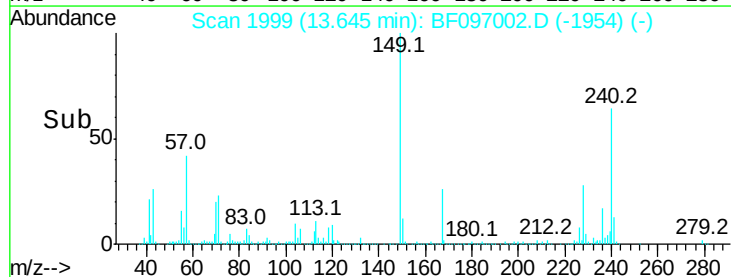
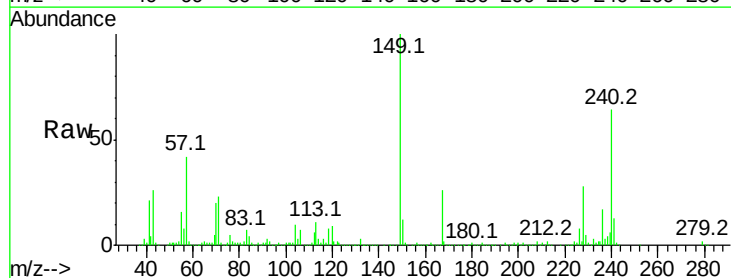
Manual Integrations
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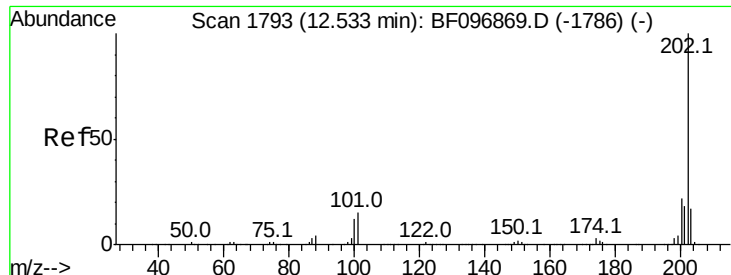
Sohil
 7/25/2017 5:36:26 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	26.0	20.5	30.7





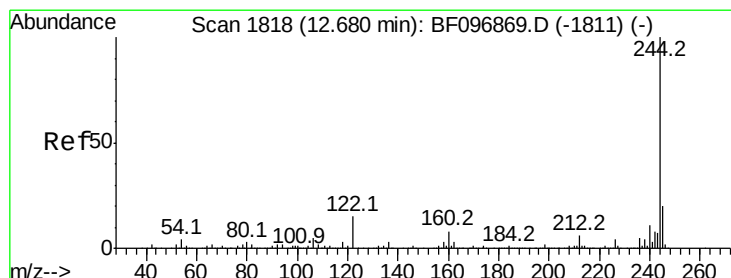
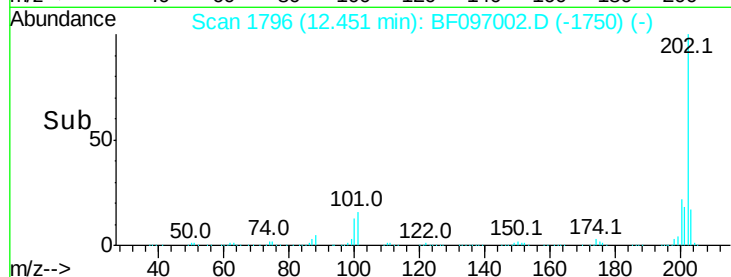
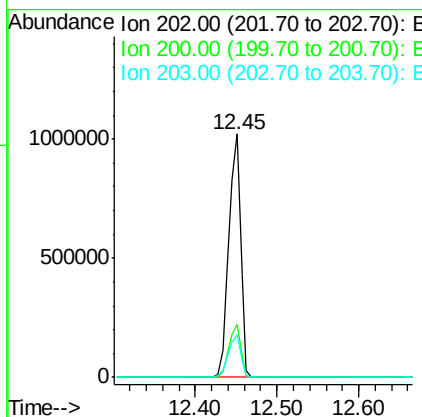
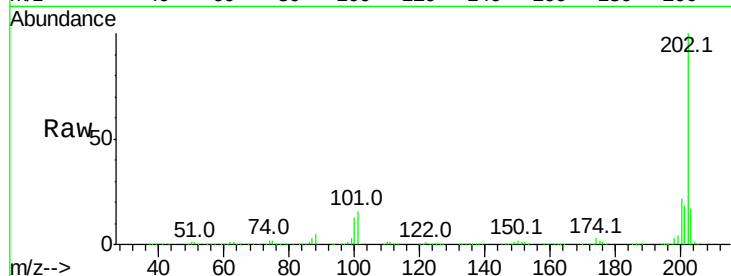
#77
Pvrene
Concen: 44.798 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion:202 Resp: 1024734
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.4 14.4 21.6

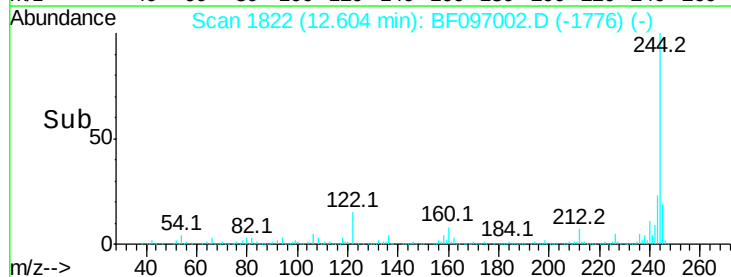
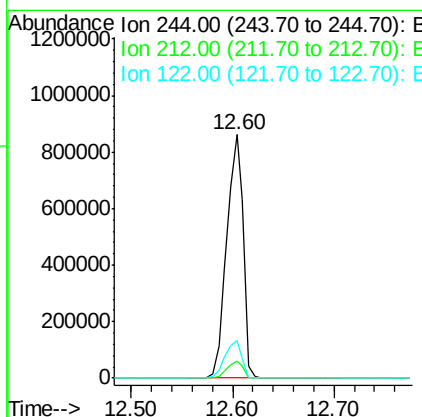
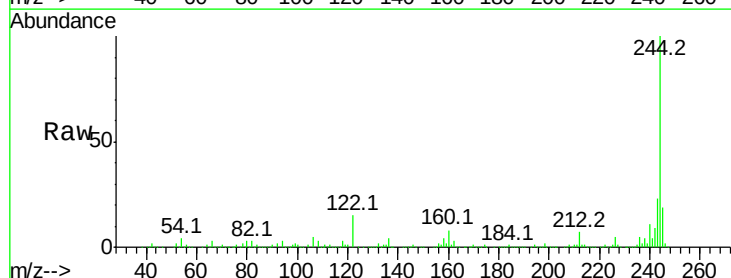
Manual Integrations
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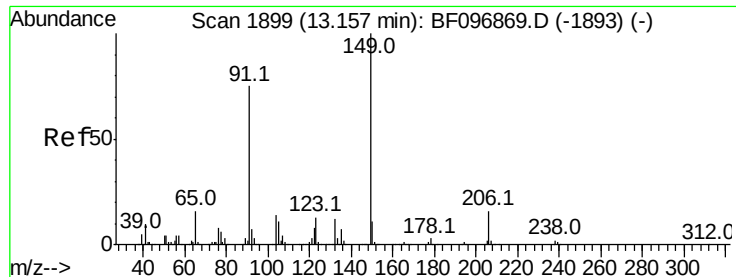
Sohil
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#78
Terphenyl-d14
Concen: 66.875 ng
RT: 12.60 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:244 Resp: 971906
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.3 10.3 15.5





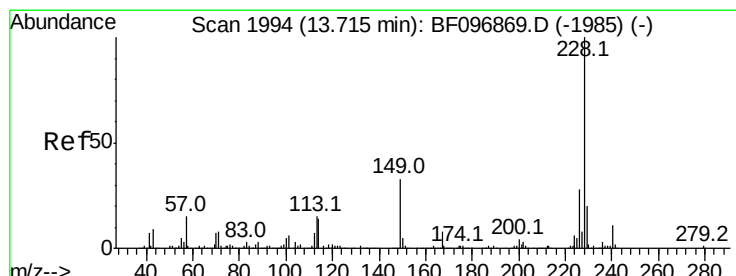
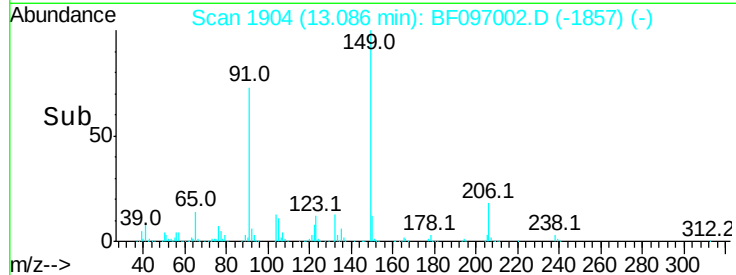
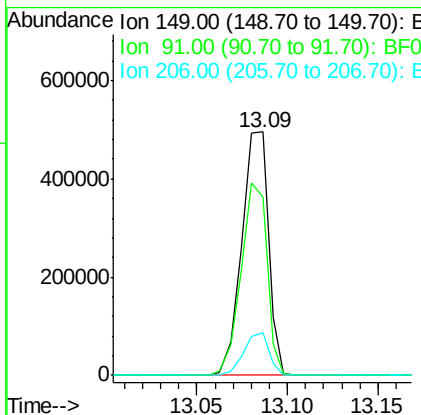
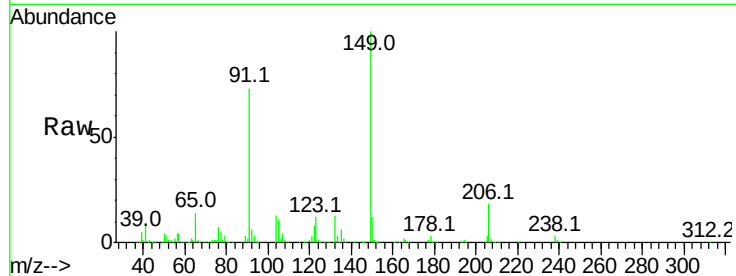
#79
 Butylbenzylphthalate
 Concen: 46.946 ng
 RT: 13.09 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion:	149	Resp:	510229
Ion Ratio	Lower	Upper	
149	100		
91	73.0	45.0	67.4#
206	17.6	17.0	25.6

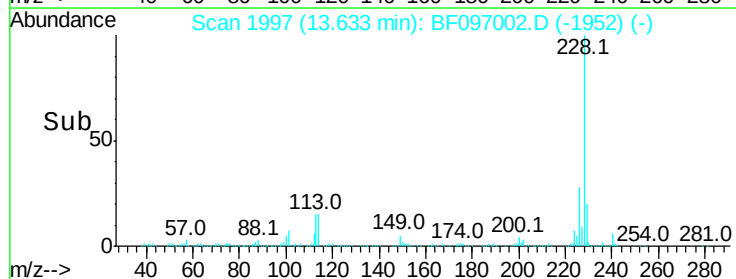
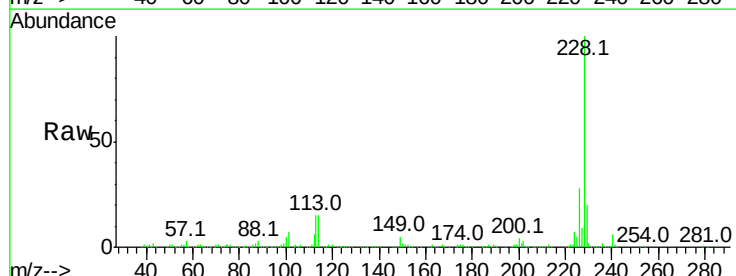
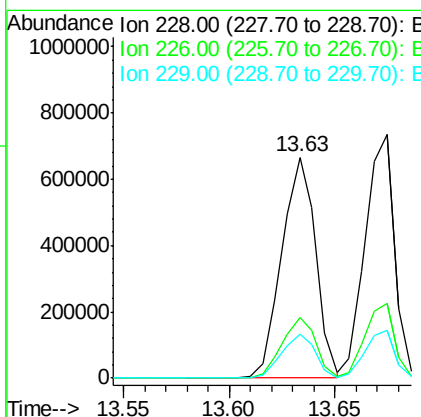
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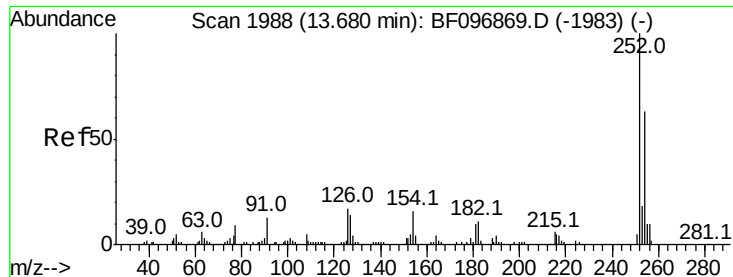
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#80
 Benzo(a)anthracene
 Concen: 47.547 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:	228	Resp:	746694
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5





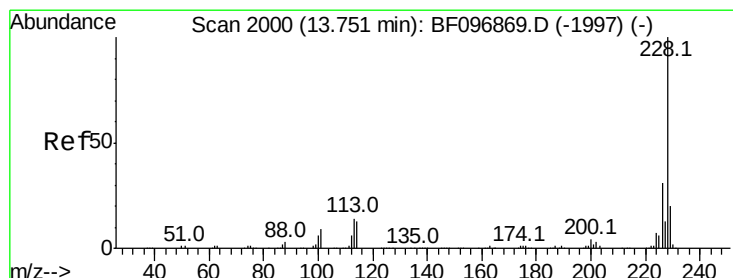
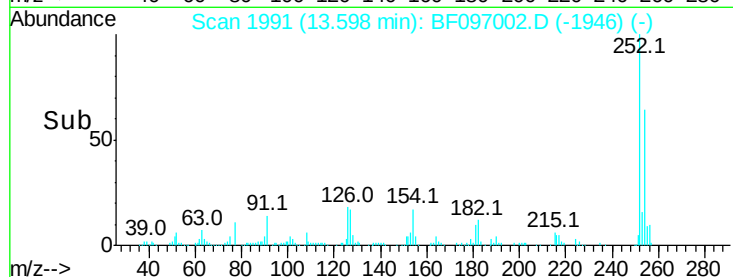
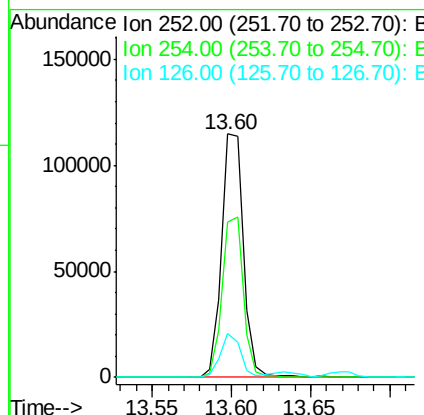
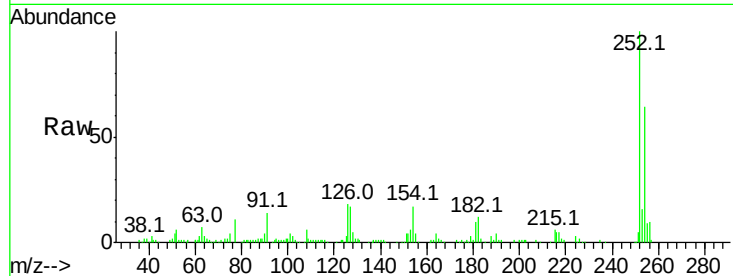
#81
 3,3'-Dichlorobenzidine
 Concen: 19.384 ng
 RT: 13.60 min Scan# 1991
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	17.9	15.8	23.8

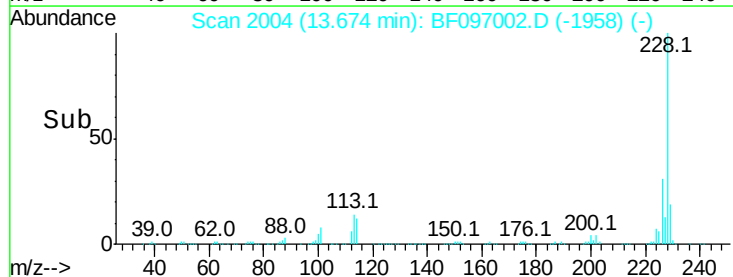
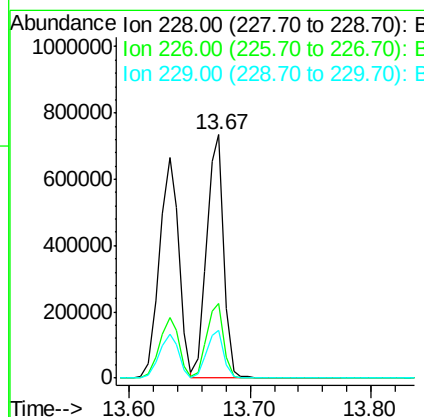
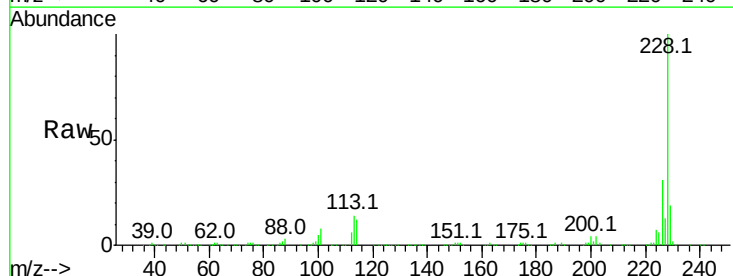
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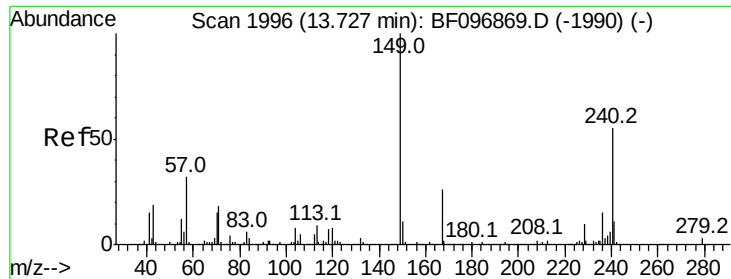
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#82
 Chrysene
 Concen: 46.168 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.4	15.8	23.6





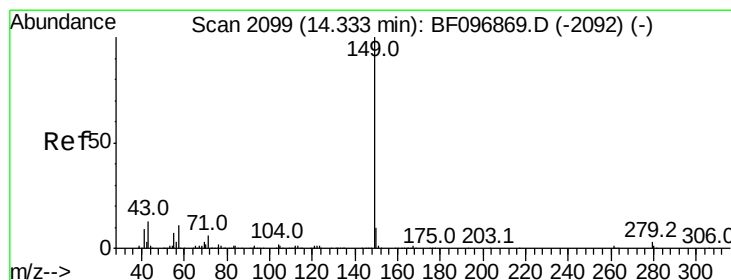
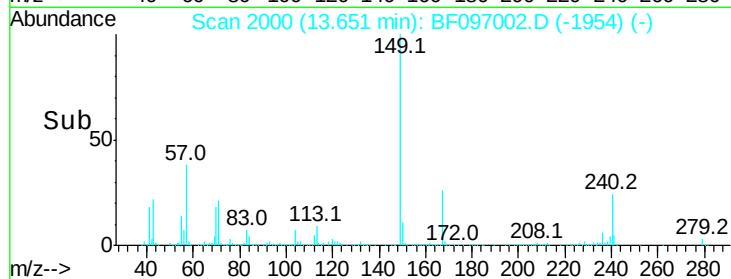
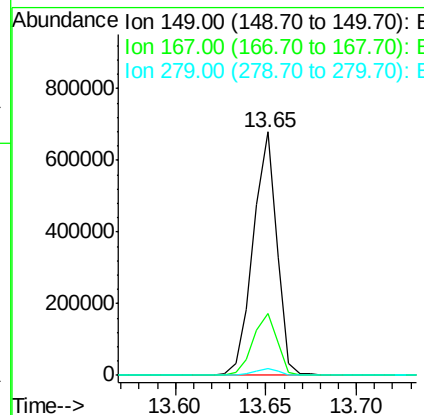
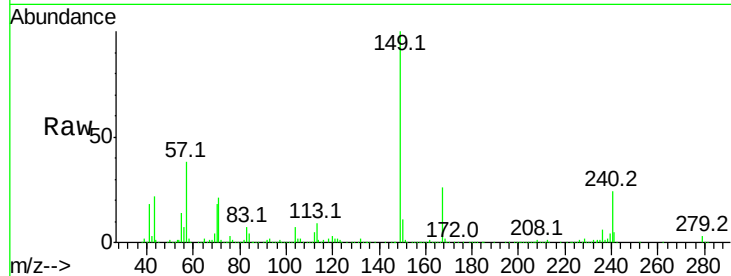
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.606 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	616856		
167	25.7	21.0	31.4	
279	2.6	1.9	2.9	

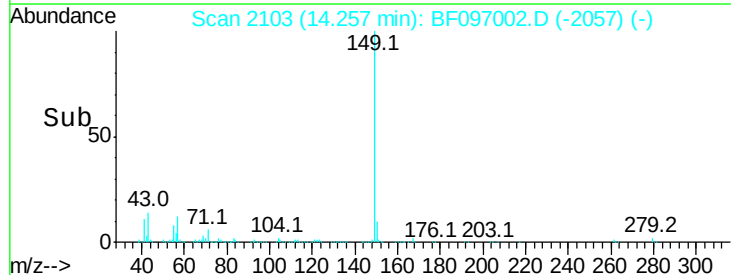
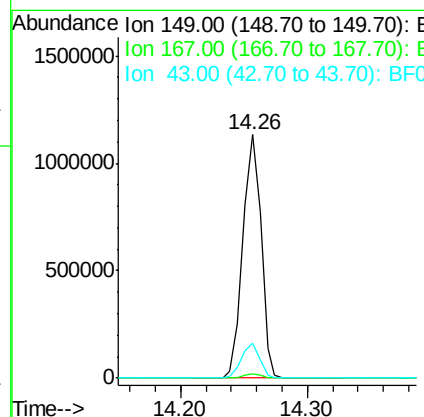
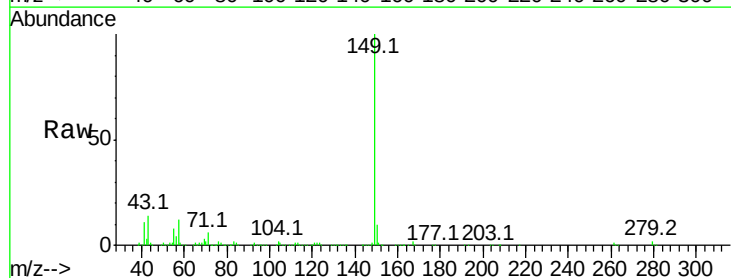
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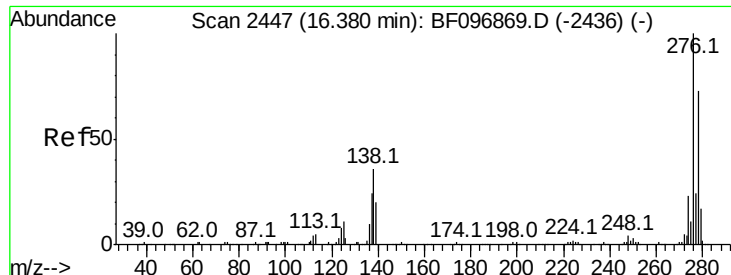
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#84
 Di-n-octyl phthalate
 Concen: 51.154 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1119169		
167	1.6	1.2	1.8	
43	14.1	8.5	12.7	





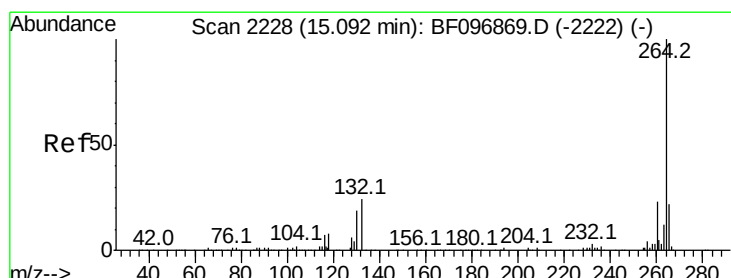
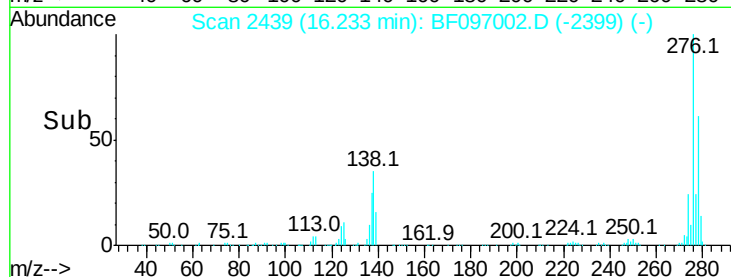
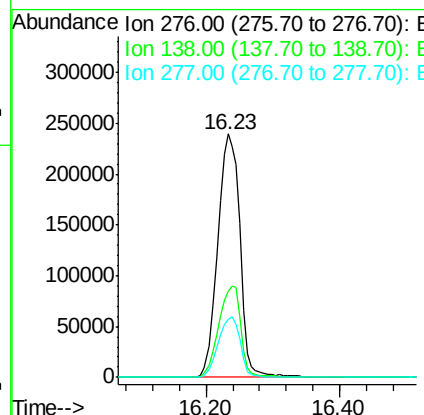
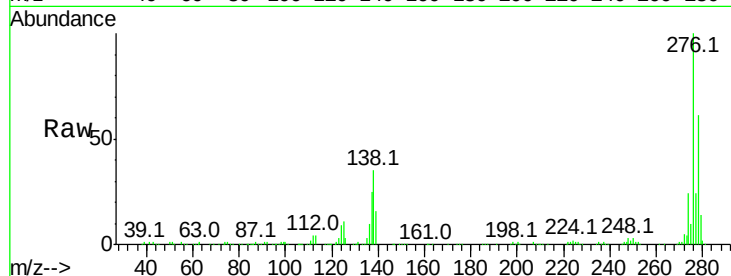
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.088 ng
RT: 16.23 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	24.6	20.2	30.4

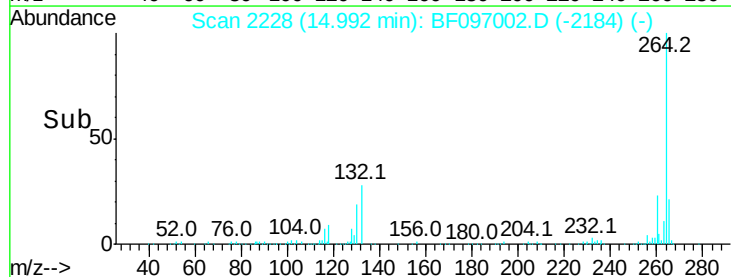
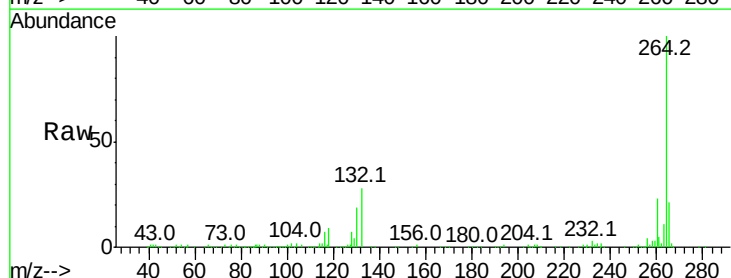
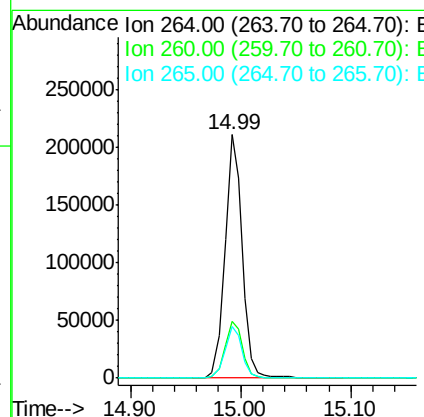
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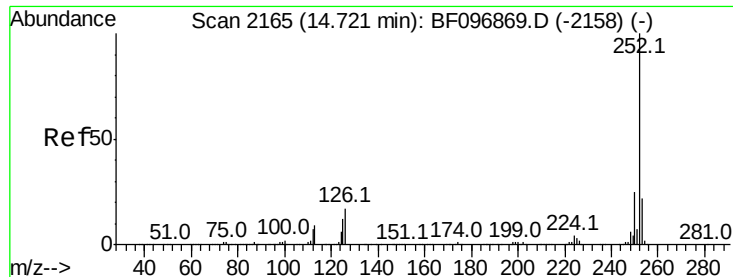
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.99 min Scan# 2228
Delta R.T. -0.04 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.144 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

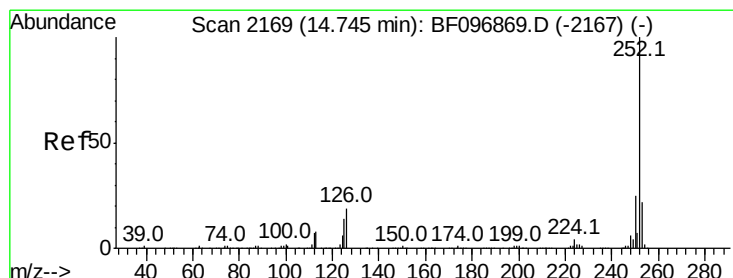
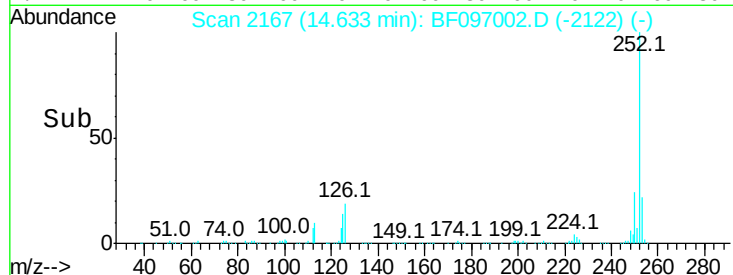
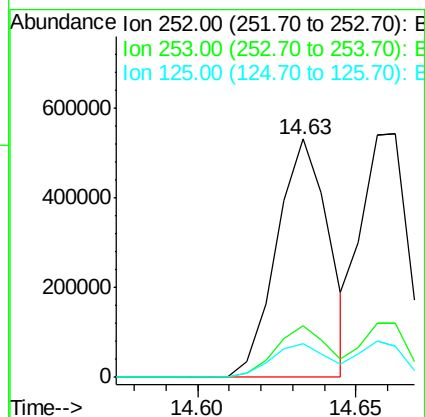
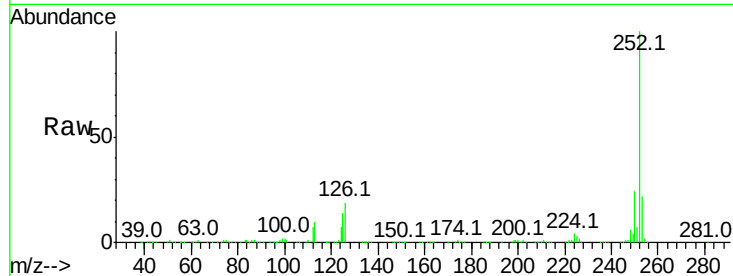
ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:	252	Resp:	609725
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	14.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.476 ng m

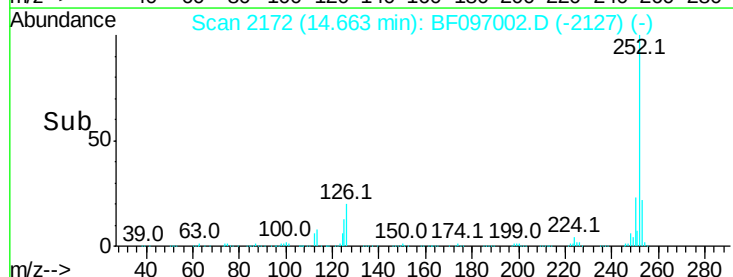
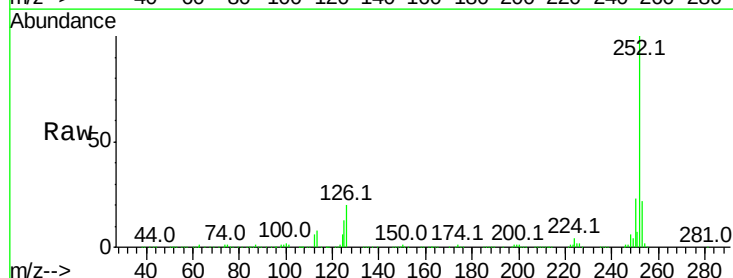
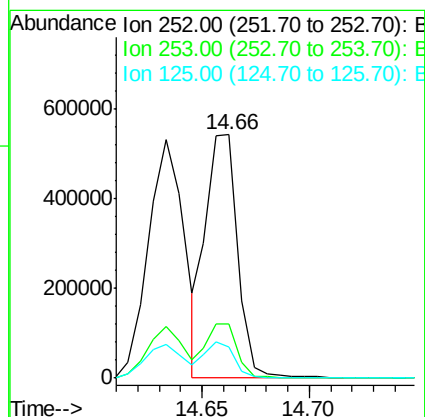
RT: 14.66 min Scan# 2172

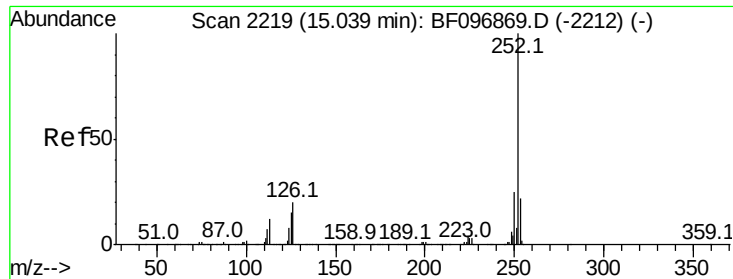
Delta R.T. -0.04 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:	252	Resp:	568640
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	12.9	13.1	19.7#





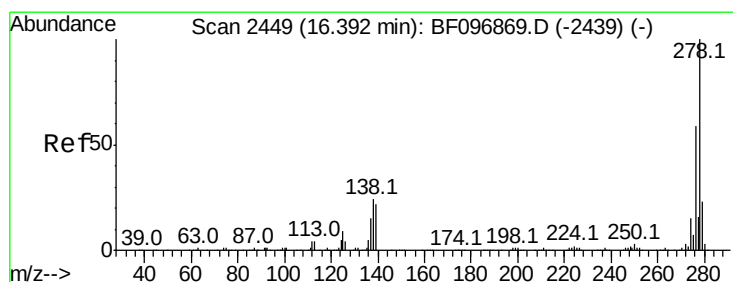
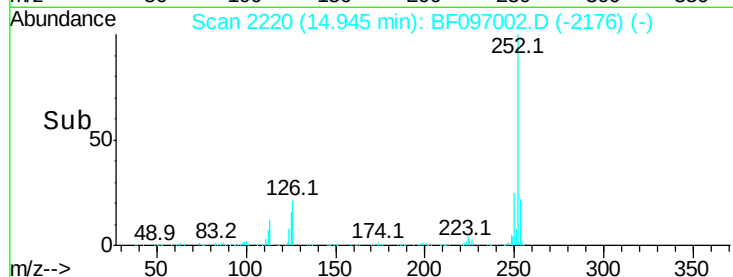
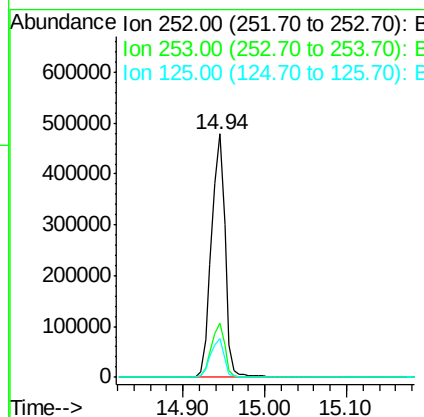
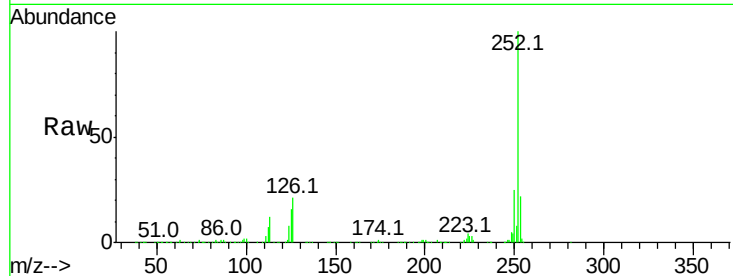
#89
Benzo(a)pyrene
Concen: 44.221 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.8	11.0	16.4

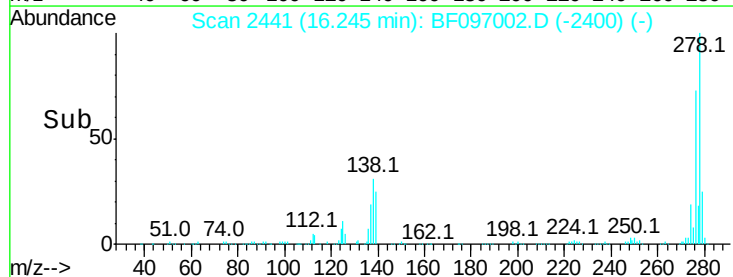
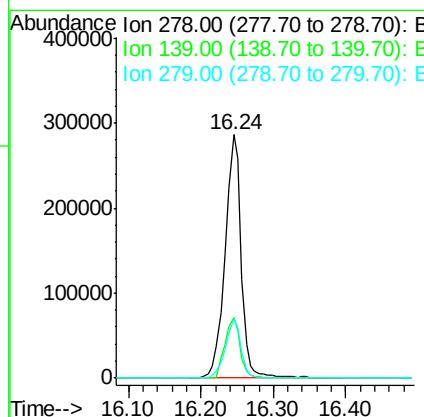
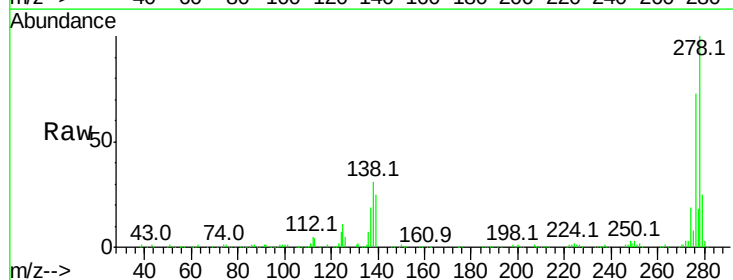
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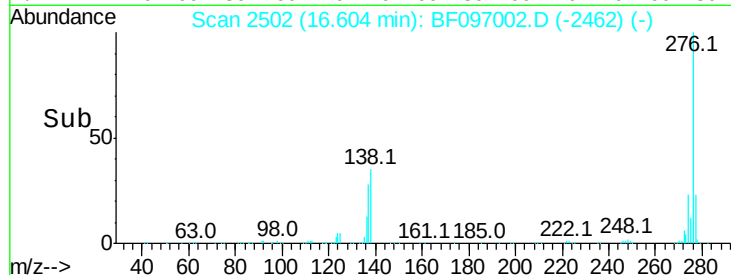
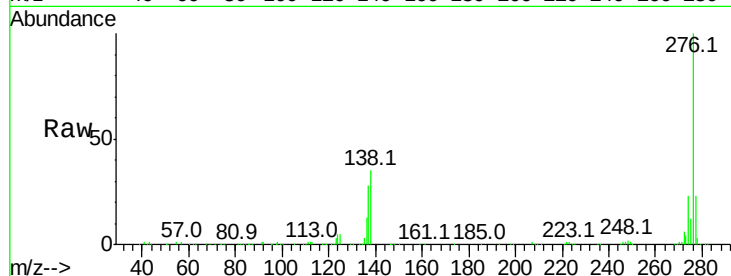
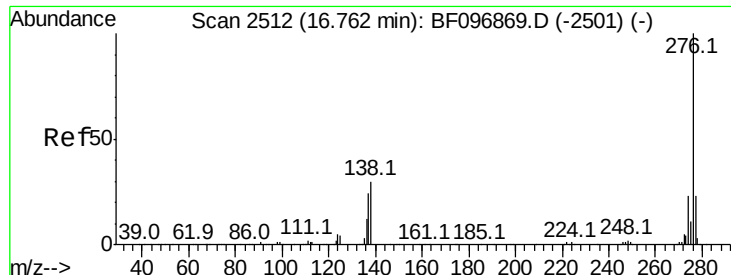
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#90
Dibenzo(a,h)anthracene
Concen: 38.195 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.06 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.647 ng
 RT: 16.60 min Scan# 2502
 Delta R.T. -0.06 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	35.2	25.4	38.0

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