

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098500.D
 Acq On : 13 Sep 2017 20:13
 Operator : SJ/JU
 Sample : I5160-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Manual Integrations
 APPROVED

Sohil
 9/14/2017 5:52:43 PM

Quant Time: Sep 14 07:00:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170033	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	702434	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	307997	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	485861	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	326057	20.00	ng	0.00
86) Perylene-d12	15.20	264	327090	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1445507	125.69	ng	0.00
7) Phenol-d6	6.32	99	1749805	119.84	ng	0.00
23) Nitrobenzene-d5	7.23	82	1111118	88.19	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	281551	136.97	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1717170	94.50	ng	-0.01
78) Terphenyl-d14	12.75	244	1116610	73.92	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	184811	31.136	ng	91
3) Pyridine	3.01	79	501349	31.805	ng	# 84
4) n-Nitrosodimethylamine	2.97	42	260352	33.689	ng	99
6) Aniline	6.32	93	548585	29.948	ng	# 45
8) 2-Chlorophenol	6.45	128	491614	38.876	ng	99
9) Benzaldehyde	6.20	77	330653	34.641	ng	95
10) Phenol	6.33	94	661634	39.012	ng	76
11) bis(2-Chloroethyl)ether	6.40	93	499145	39.035	ng	99
12) 1,3-Dichlorobenzene	6.60	146	505542	39.718	ng	97
13) 1,4-Dichlorobenzene	6.67	146	510442	39.151	ng	95
14) 1,2-Dichlorobenzene	6.83	146	467848	39.387	ng	98
15) Benzyl Alcohol	6.81	79	397124	40.866	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	752112	35.748	ng	56
17) 2-Methylphenol	6.93	107	403272	39.108	ng	# 88
18) Hexachloroethane	7.16	117	182029	36.457	ng	# 84
19) n-Nitroso-di-n-propylamine	7.08	70	347605	37.847	ng	96
20) 3+4-Methylphenols	7.09	107	529436	40.685	ng	# 64
22) Acetophenone	7.07	105	706281	38.903	ng	# 90
24) Nitrobenzene	7.25	77	529280	36.879	ng	93
25) Isophorone	7.49	82	947365	37.162	ng	99
26) 2-Nitrophenol	7.56	139	250772	43.276	ng	# 86
27) 2,4-Dimethylphenol	7.61	122	423154	38.307	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	616203	39.614	ng	98
29) 2,4-Dichlorophenol	7.82	162	398128	43.335	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	421757	42.202	ng	98
31) Naphthalene	7.96	128	1458253	41.994	ng	100
32) Benzoic acid	7.73	122	80005	16.973	ng	99
33) 4-Chloroaniline	8.02	127	478083	33.876	ng	97
34) Hexachlorobutadiene	8.08	225	213199	41.555	ng	99
35) Caprolactam	8.40	113	135706m	42.836	ng	
36) 4-Chloro-3-methylphenol	8.52	107	435505	38.223	ng	# 83
37) 2-Methylnaphthalene	8.65	142	935206	44.461	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	374560	39.041	ng	99
40) Hexachlorocyclopentadiene	8.80	237	49833	25.388	ng	96

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Instrument :
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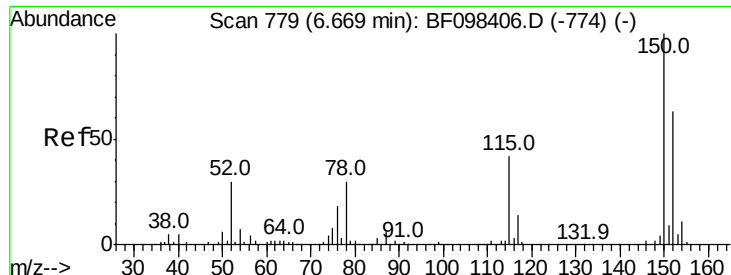
Manual Integrations
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Sohil
 9/14/2017 5:52:43 PM

Quant Time: Sep 14 07:00:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	246528	43.747	nq	93
43) 2,4,5-Trichlorophenol	8.99	196	260282	44.190	nq	95
45) 1,1'-Biphenyl	9.12	154	1065922	38.666	nq	97
46) 2-Chloronaphthalene	9.14	162	804795	40.877	nq	# 92
47) 2-Nitroaniline	9.25	65	296249	39.204	nq	95
48) Acenaphthylene	9.56	152	1163268	39.738	nq	99
49) Dimethylphthalate	9.42	163	1218234	51.097	nq	100
50) 2,6-Dinitrotoluene	9.49	165	203230	41.498	nq	# 87
51) Acenaphthene	9.73	154	717168	38.541	nq	99
52) 3-Nitroaniline	9.66	138	210719	35.644	nq	99
53) 2,4-Dinitrophenol	9.78	184	21676	16.891	nq	# 85
54) Dibenzofuran	9.90	168	1019807	41.601	nq	99
55) 4-Nitrophenol	9.84	139	249426	73.437	nq	# 50
56) 2,4-Dinitrotoluene	9.90	165	235017	39.473	nq	# 58
57) Fluorene	10.24	166	757805	37.348	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	180678	45.644	nq	# 94
59) Diethylphthalate	10.12	149	908572	40.071	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	375775	40.096	nq	# 86
61) 4-Nitroaniline	10.27	138	212960	35.670	nq	90
62) Azobenzene	10.39	77	1069212	43.753	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	29946	13.974	nq	# 73
65) n-Nitrosodiphenylamine	10.35	169	709398	44.966	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	218337	47.349	nq	92
67) Hexachlorobenzene	10.79	284	201914	43.168	nq	# 89
68) Atrazine	10.89	200	224353	46.193	nq	98
69) Pentachlorophenol	10.99	266	160101	77.557	nq	95
70) Phenanthrene	11.20	178	1153161	44.771	nq	99
71) Anthracene	11.25	178	1101706	41.661	nq	98
72) Carbazole	11.41	167	931278	37.787	nq	99
73) Di-n-butylphthalate	11.74	149	1278245	43.288	nq	99
74) Fluoranthene	12.38	202	1092535	42.372	nq	99
76) Benzidine	12.51	184	331822	22.995	nq	# 93
77) Pyrene	12.61	202	1079397	41.965	nq	98
79) Butylbenzylphthalate	13.23	149	429191	38.463	nq	# 77
80) Benzo(a)anthracene	13.80	228	861811	45.083	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	272738	36.713	nq	# 94
82) Chrysene	13.83	228	829641	42.935	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	566246	40.433	nq	100
84) Di-n-octyl phthalate	14.40	149	995817	41.445	nq	98
85) Indeno(1,2,3-cd)pyrene	16.55	276	611944	45.139	nq	98
87) Benzo(b)fluoranthene	14.82	252	940967	45.752	nq	99
88) Benzo(k)fluoranthene	14.84	252	737228	38.397	nq	# 96
89) Benzo(a)pyrene	15.15	252	755330	41.224	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	516526	38.753	nq	99
91) Benzo(g,h,i)perylene	16.95	276	485371	36.206	nq	96

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



#1

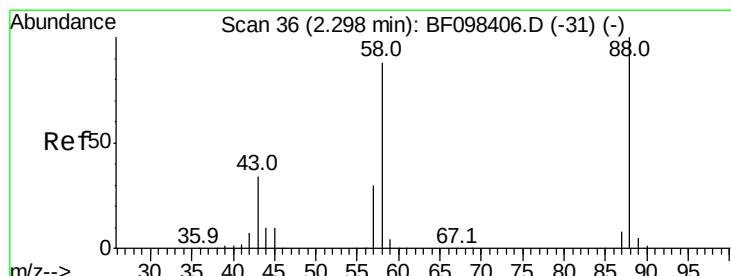
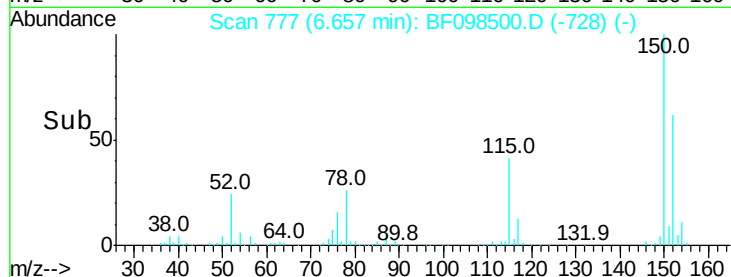
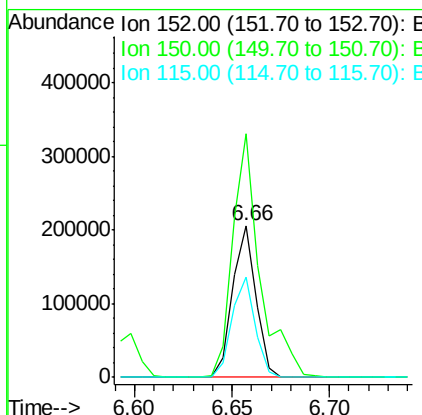
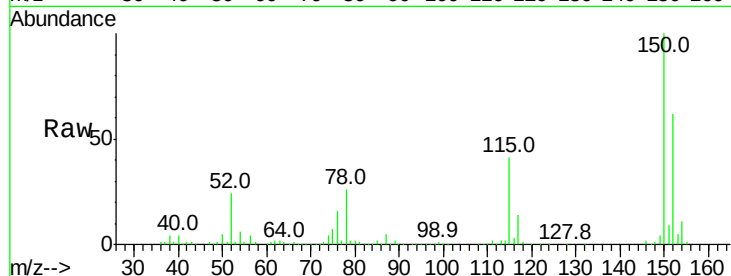
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	66.0	52.2	78.2

Manual Integrations
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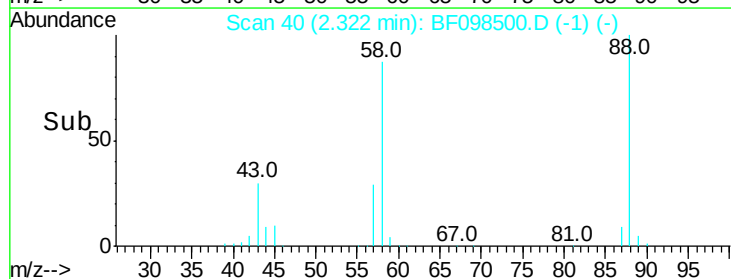
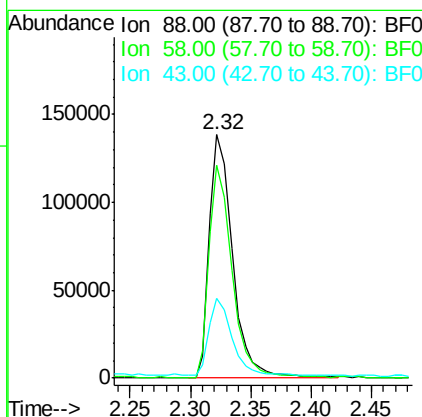
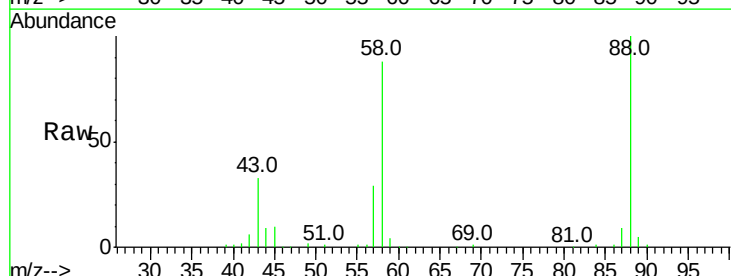
Sohil
9/14/2017 5:52:43 PM

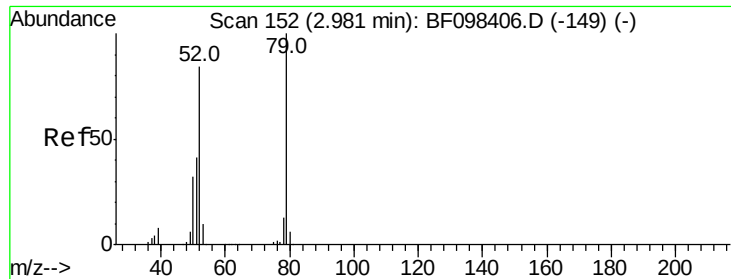


#2

1,4-Dioxane
Concen: 31.136 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	61.4	92.0
43	30.9	23.4	35.0





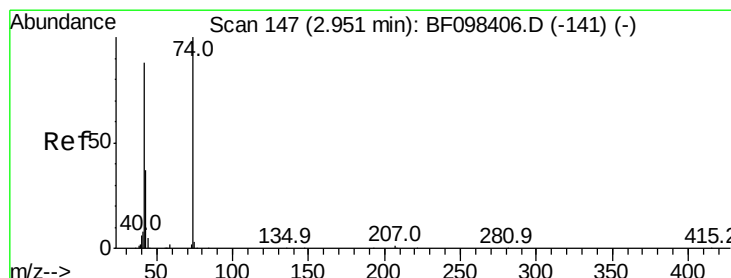
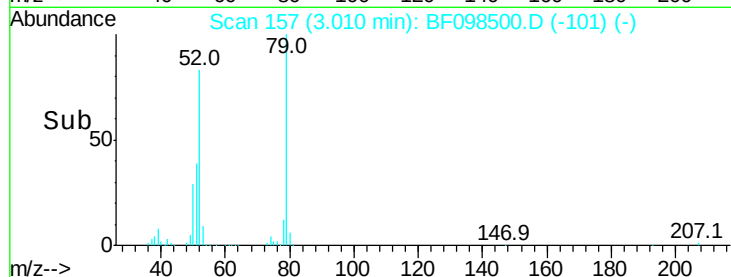
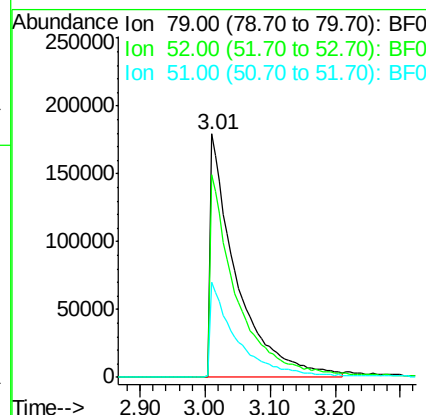
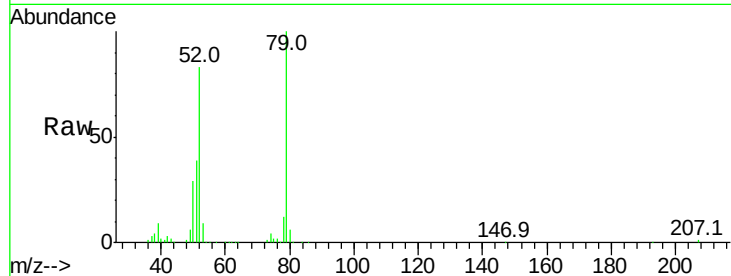
#3
 Pvridine
 Concen: 31.805 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.03 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		501349		
52	83.5	54.8		82.2#	
51	39.2	27.0		40.4	

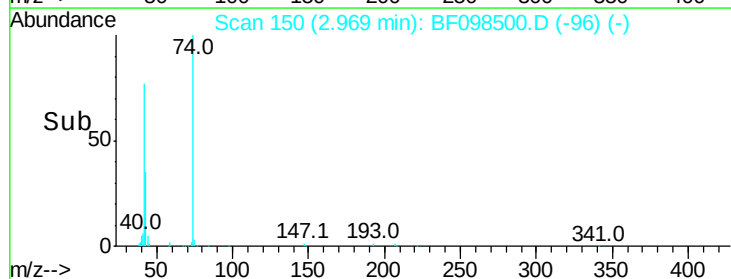
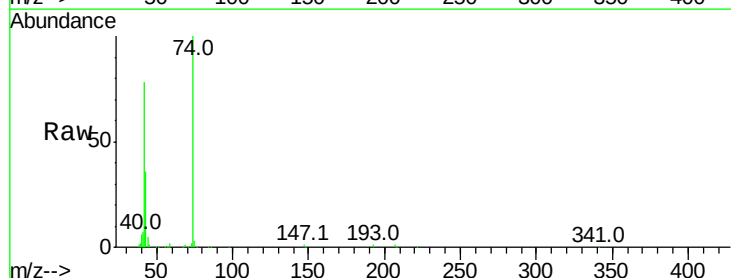
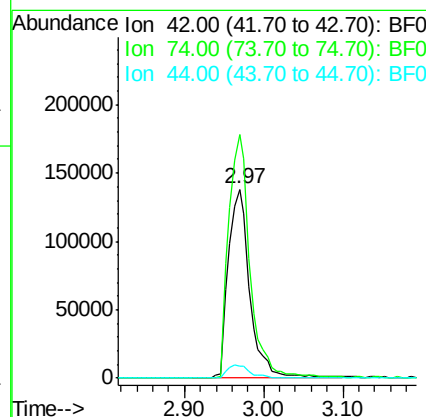
Manual Integrations
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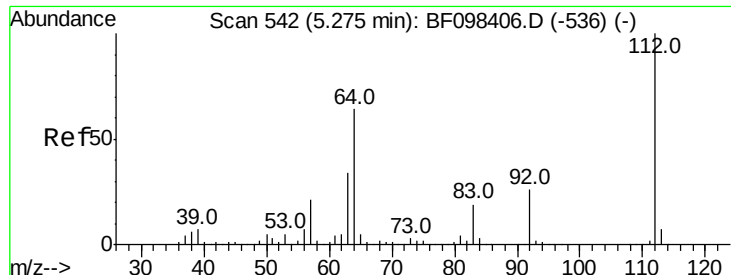
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#4
 n-Nitrosodimethylamine
 Concen: 33.689 ng
 RT: 2.97 min Scan# 150
 Delta R.T. 0.02 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		260352		
74	128.8	103.9		155.9	
44	6.6	5.7		8.5	





#5

2-Fluorophenol

Concen: 125.694 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampled :

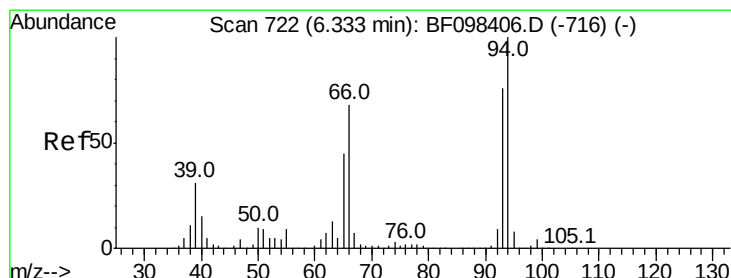
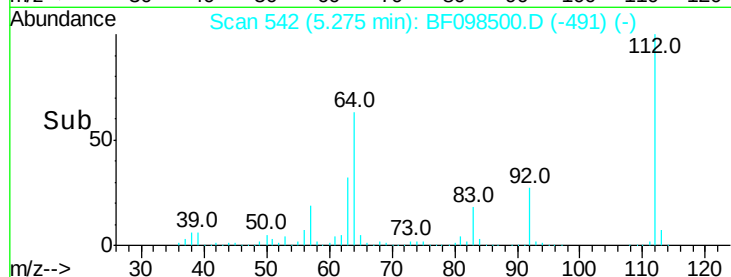
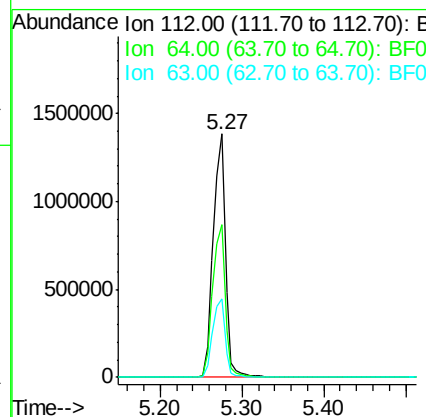
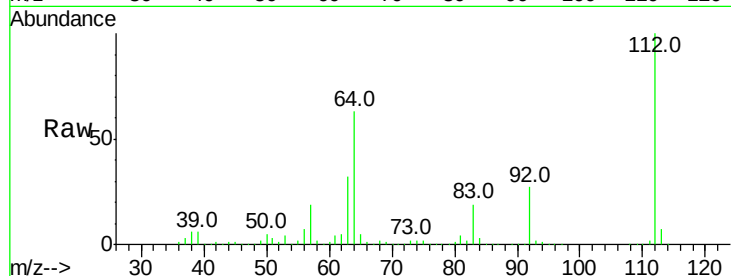
G-6-2MS

Tot Ion:	112	Resp:	1445507
Ion Ratio	Lower	Upper	
112	100		
64	62.5	46.0	69.0
63	32.1	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 29.948 ng

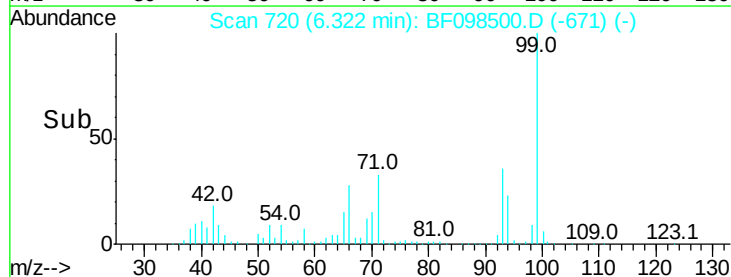
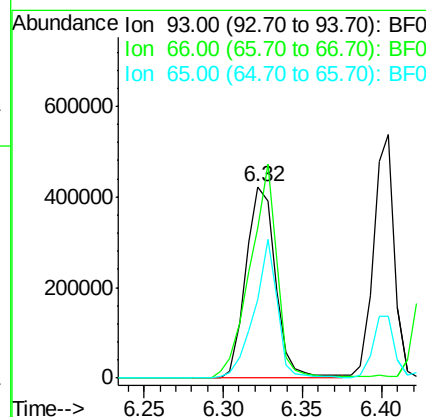
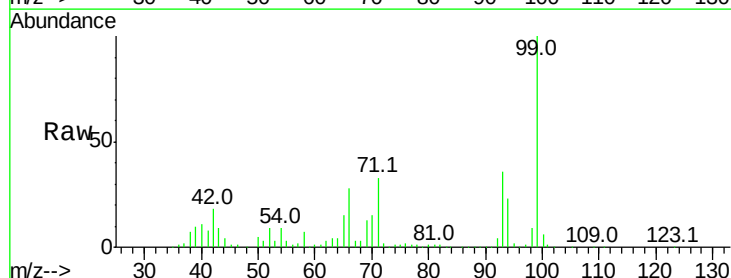
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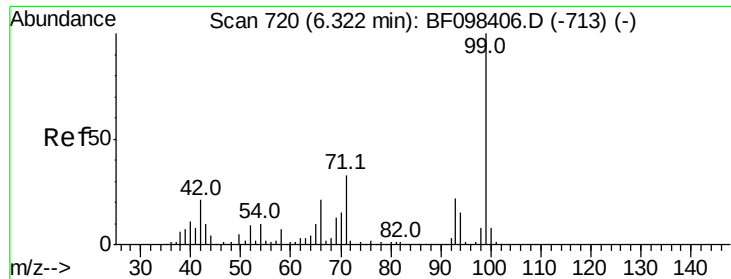
Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Tgt Ion:	93	Resp:	548585
Ion Ratio	Lower	Upper	
93	100		
66	78.4	32.9	49.3#
65	41.2	16.0	24.0#





#7

Phenol-d6

Concen: 119.838 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampleId :

G-6-2MS

Tot Ion: 99 Resp: 1749805

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

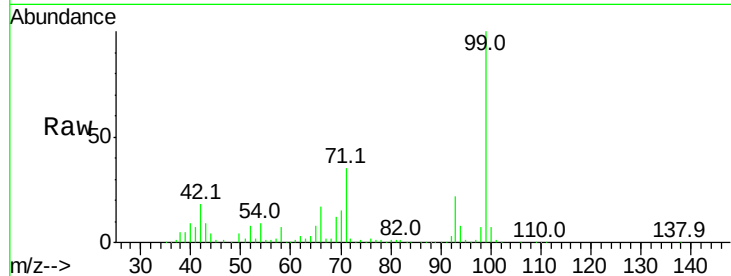
71 35.0 24.5 36.7

Manual Integrations

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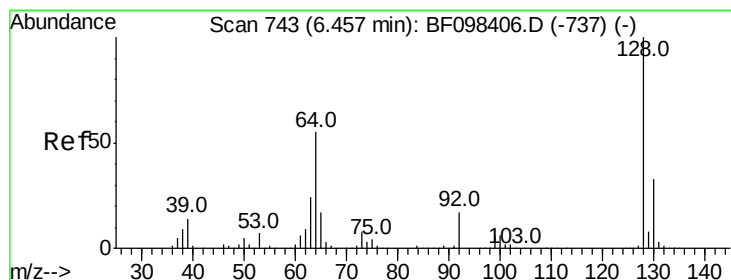
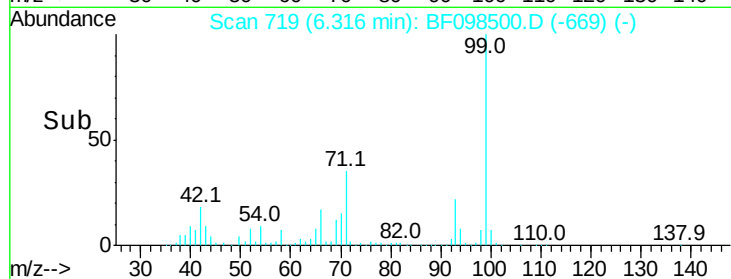
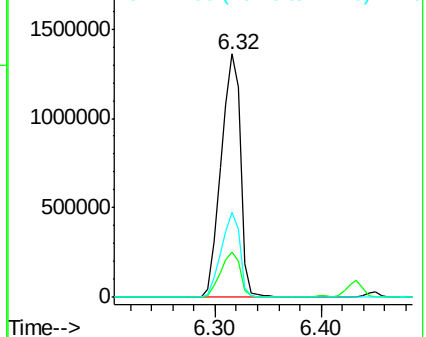
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.876 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

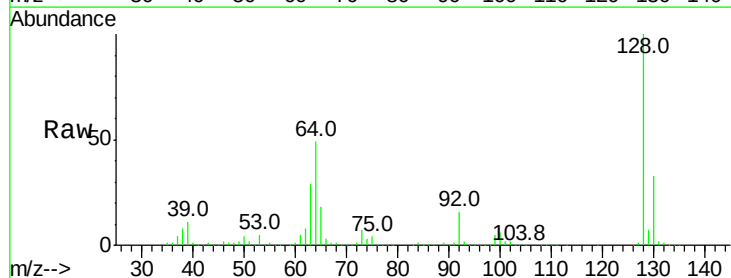
Tgt Ion:128 Resp: 491614

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

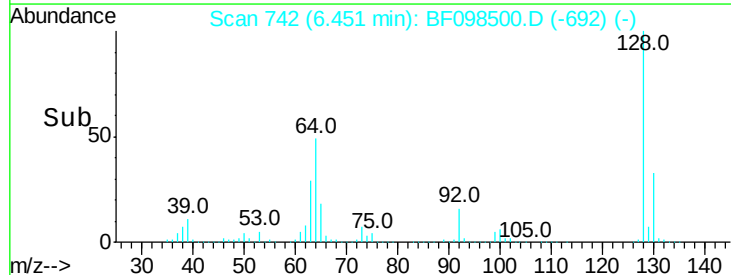
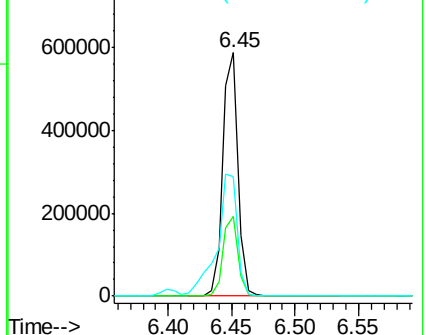
64 49.0 28.4 68.4

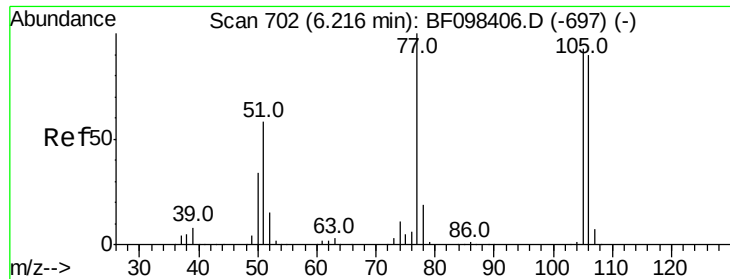


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.641 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampled :

G-6-2MS

Tot Ion: 77 Resp: 330653

Ion Ratio Lower Upper

77 100

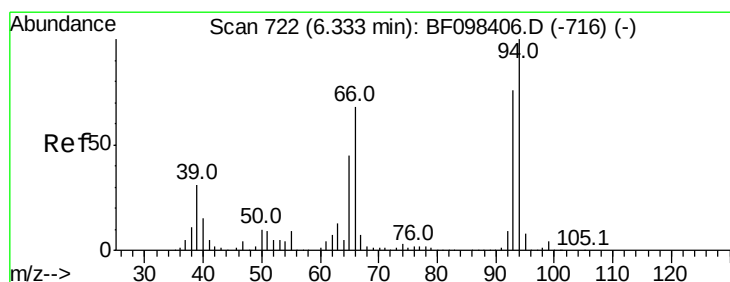
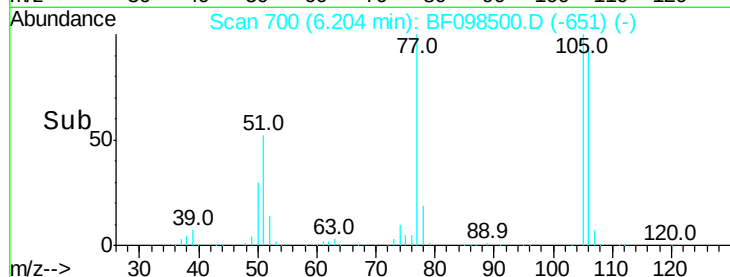
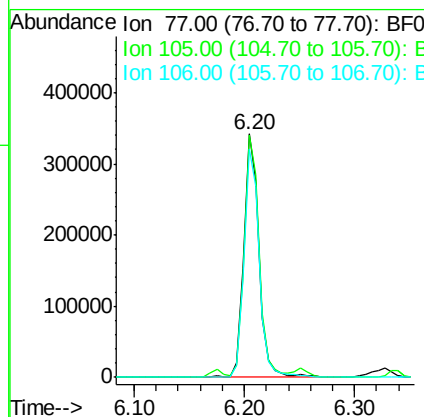
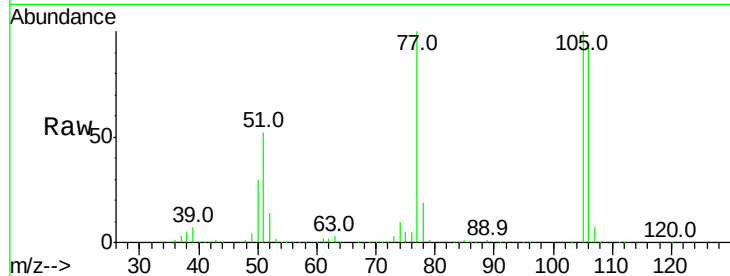
105 99.7 83.8 123.8

106 93.8 79.1 119.1

Manual Integrations
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#10

Phenol

Concen: 39.012 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

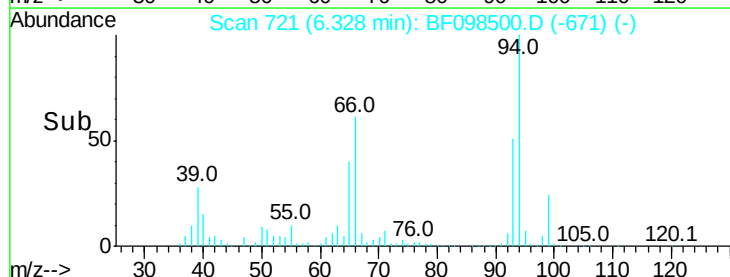
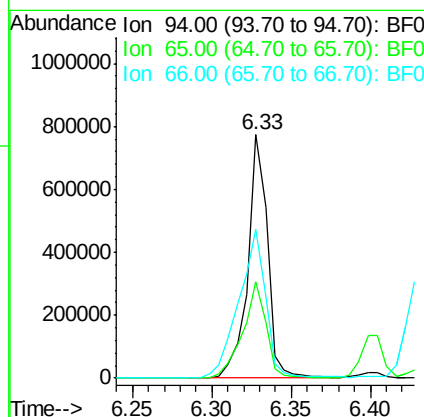
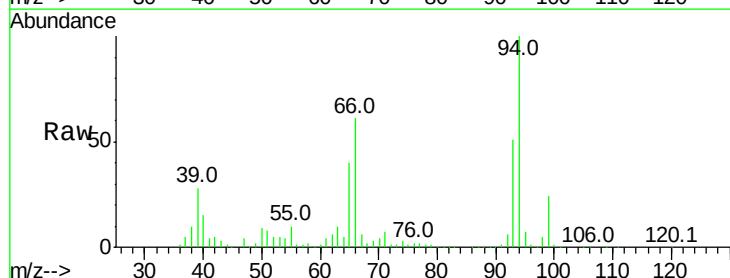
Tgt Ion: 94 Resp: 661634

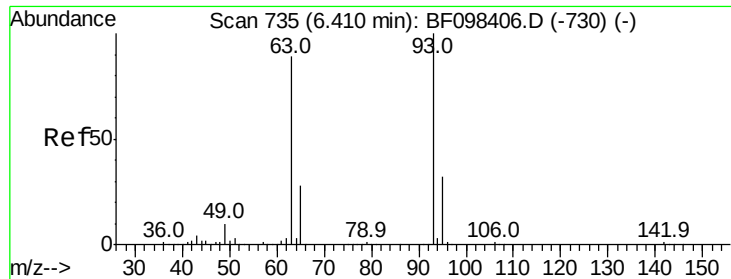
Ion Ratio Lower Upper

94 100

65 39.6 9.9 49.9

66 61.0 23.1 63.1





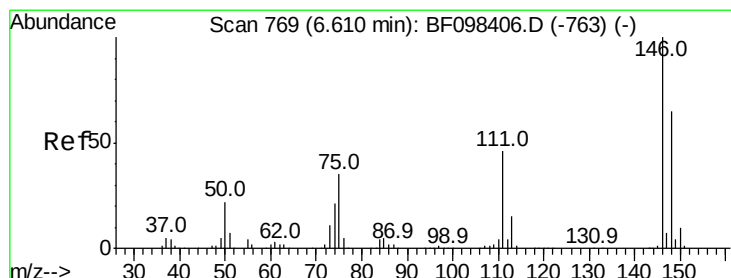
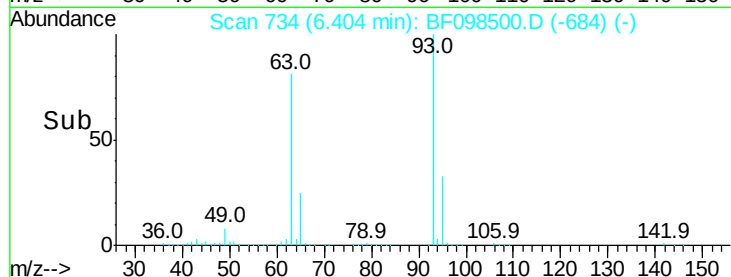
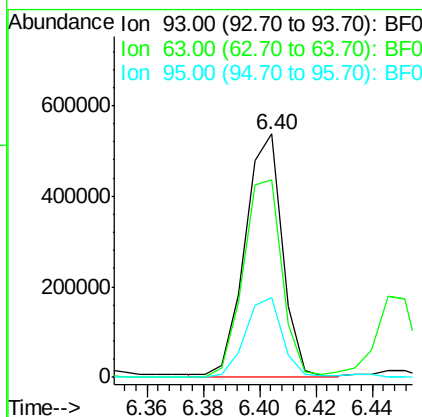
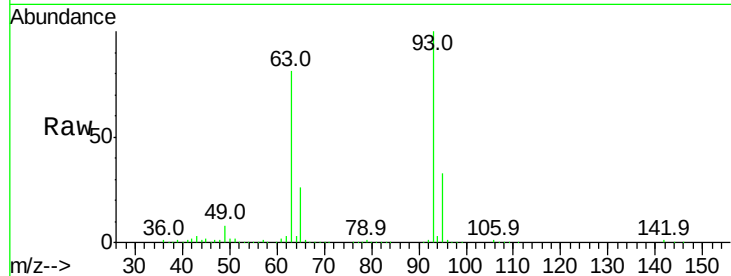
#11
bis(2-Chloroethyl)ether
Concen: 39.035 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion:	93	Resp:	499145
Ion Ratio	Lower	Upper	
93	100		
63	81.0	59.2	99.2
95	32.9	12.8	52.8

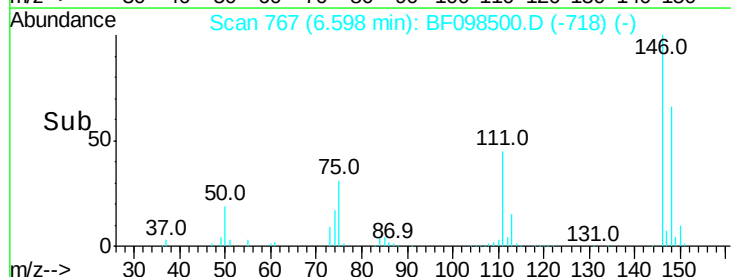
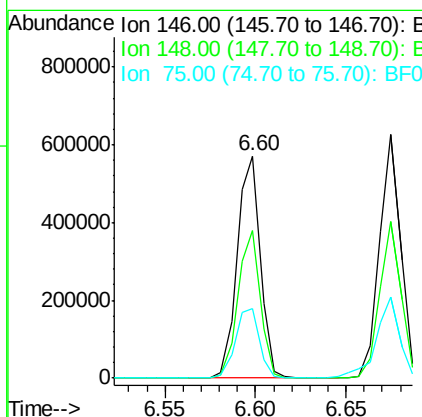
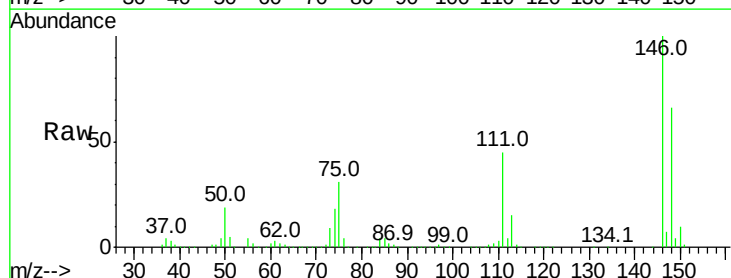
Manual Integrations
APPROVED

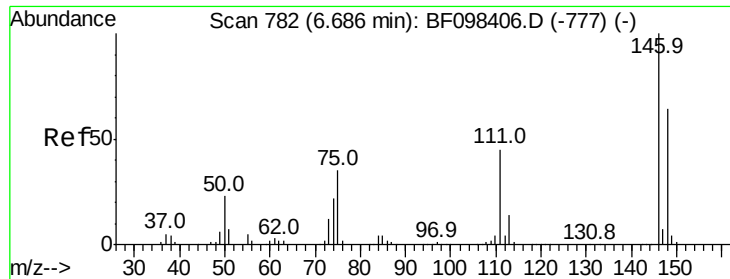
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.718 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion:	146	Resp:	505542
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.8	77.6
75	31.2	23.1	34.7





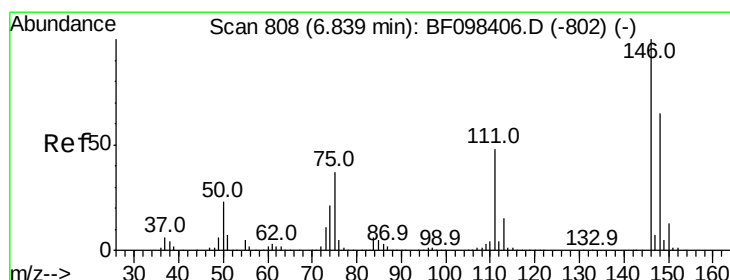
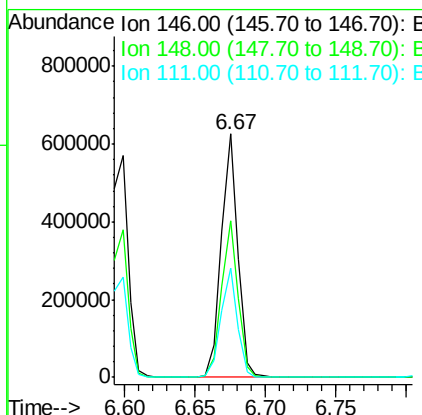
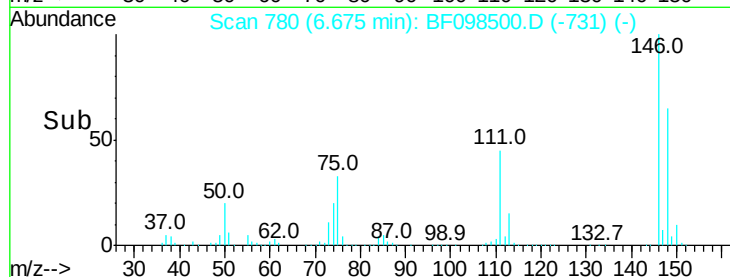
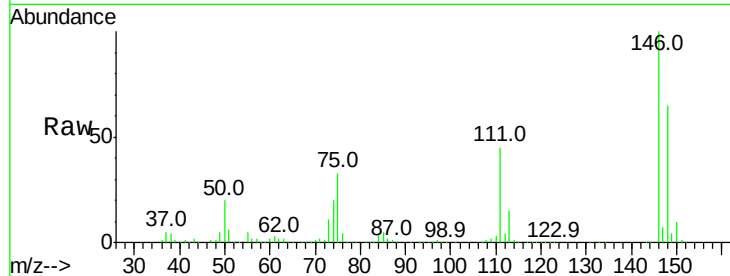
#13
 1,4-Dichlorobenzene
 Concen: 39.151 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	44.6	30.3	45.5

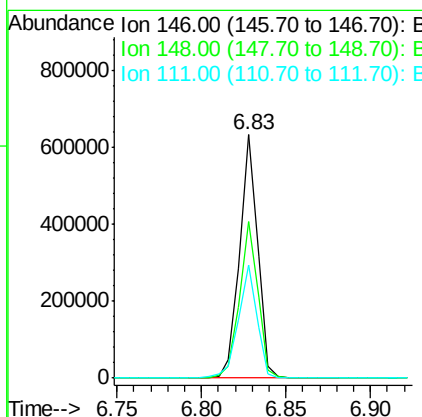
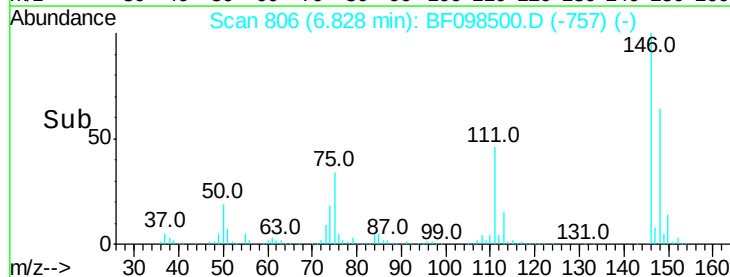
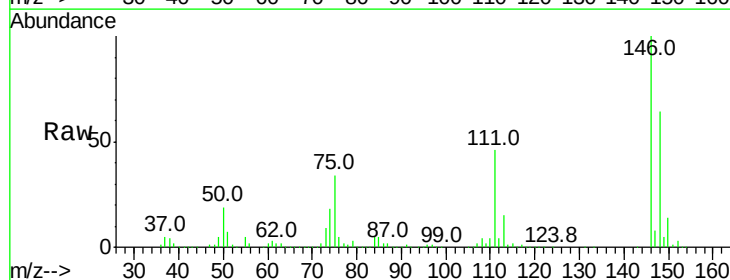
Manual Integrations
 APPROVED

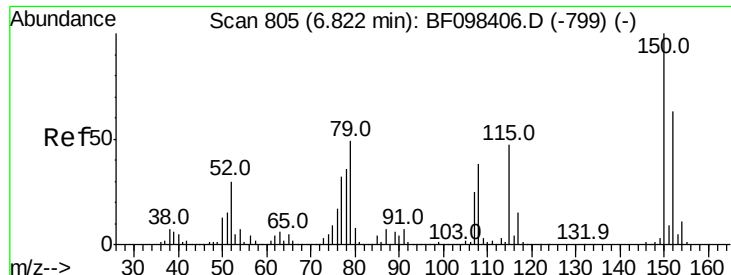
Sohil
 9/14/2017 5:52:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.387 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	46.3	38.2	57.4





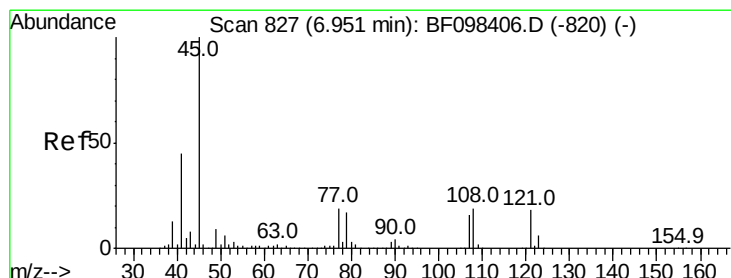
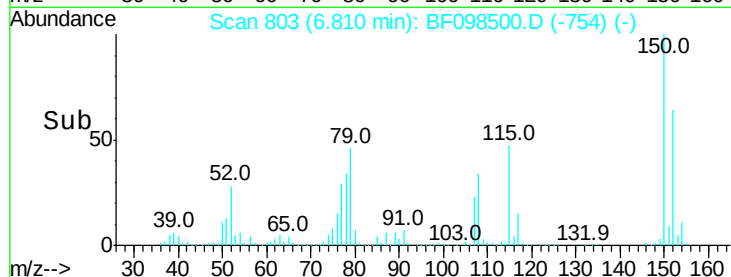
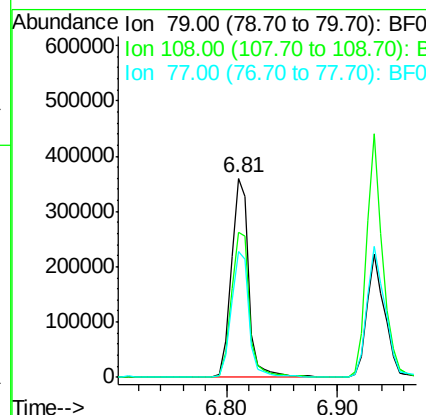
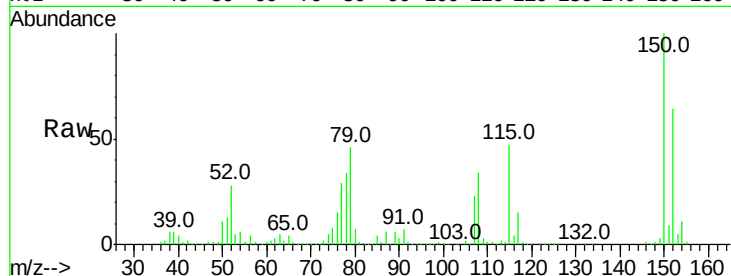
#15
Benzyl Alcohol
Concen: 40.866 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	73.0	63.4	95.0	
77	63.1	49.2	73.8	

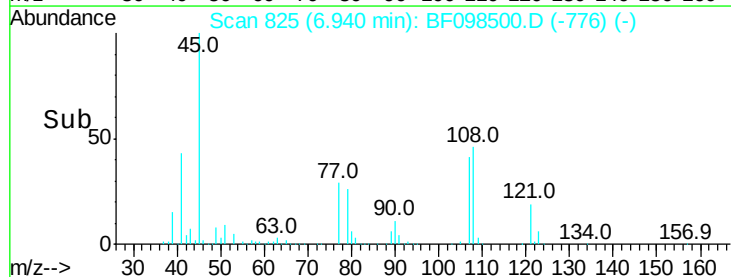
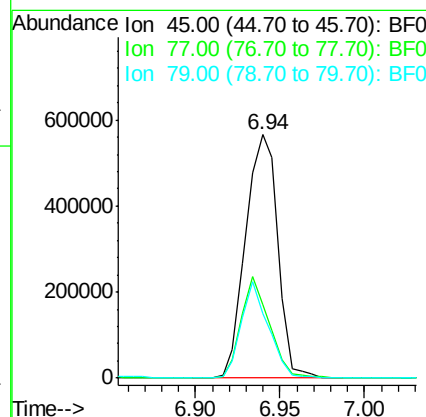
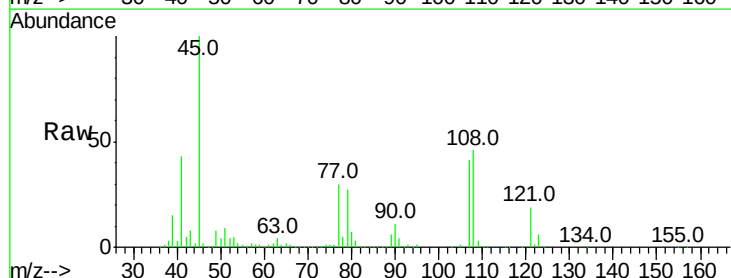
Manual Integrations
APPROVED

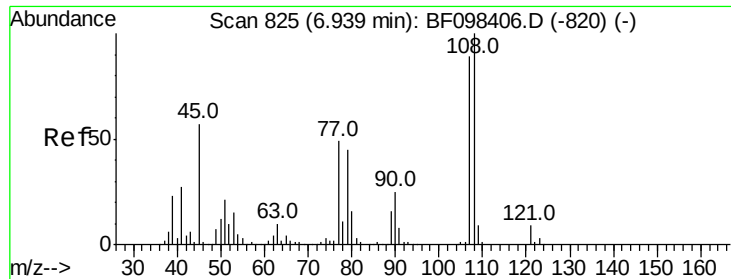
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.748 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	30.1	0.0	33.2	
79	26.7	0.0	30.0	





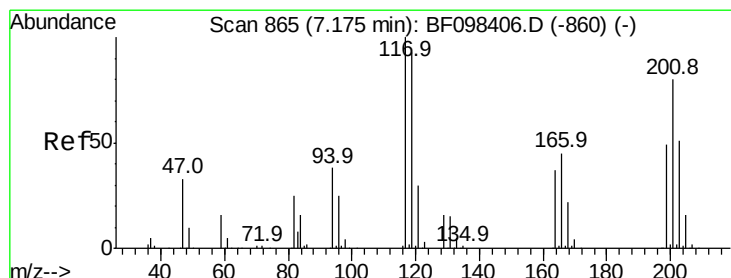
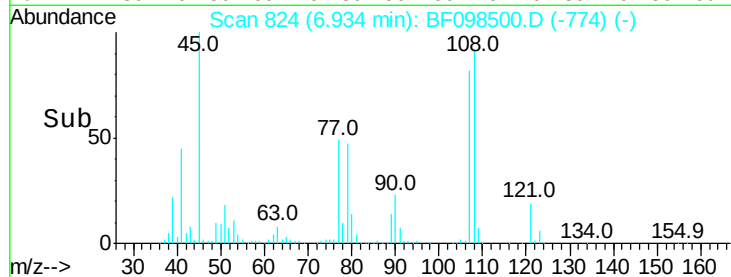
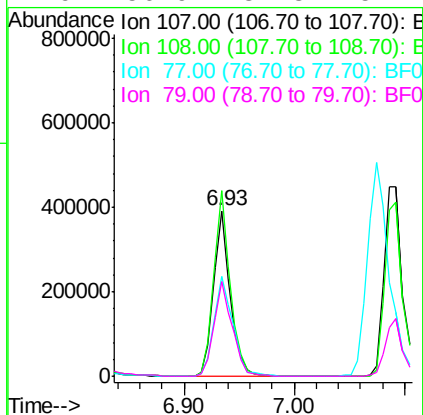
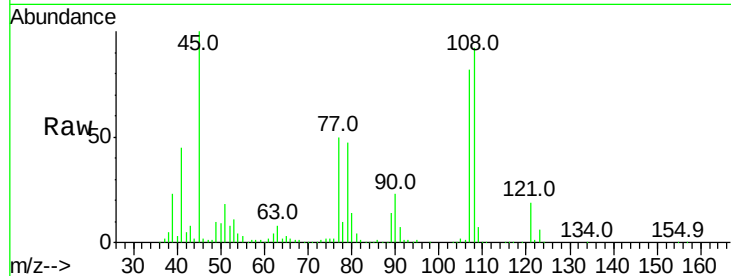
#17
2-Methylphenol
Concen: 39.108 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.4	140.0	
77	60.6	35.8	53.6#	
79	56.9	34.8	52.2#	

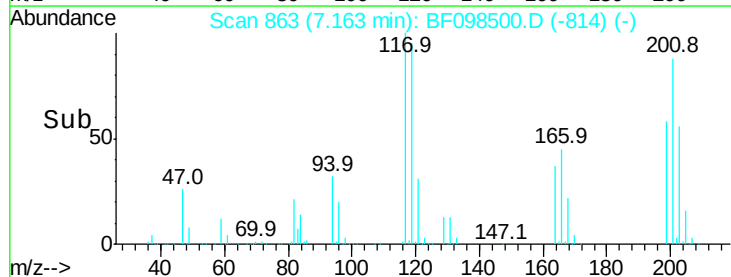
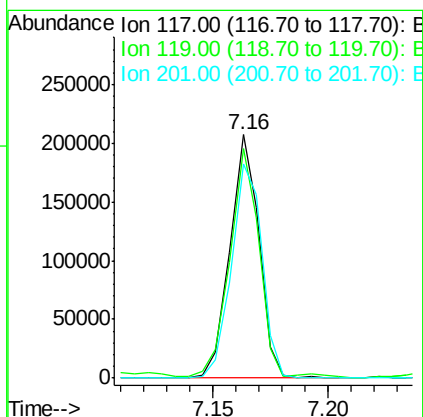
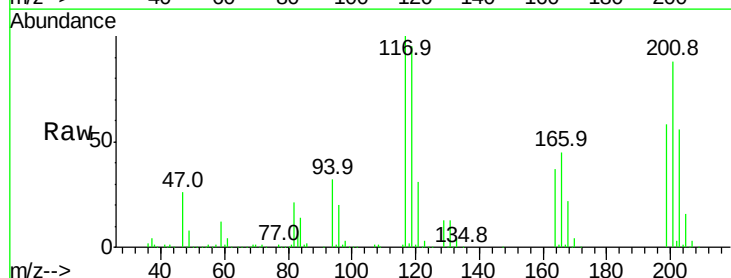
Manual Integrations
APPROVED

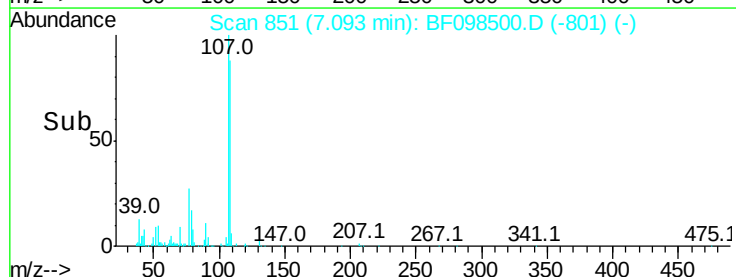
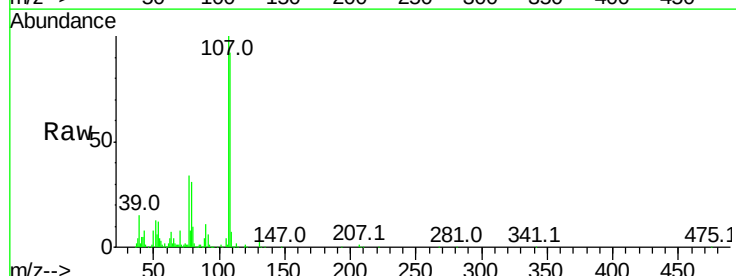
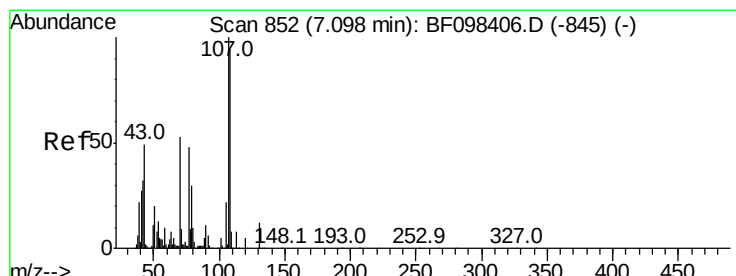
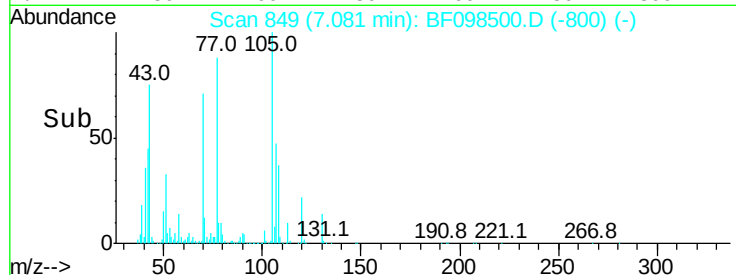
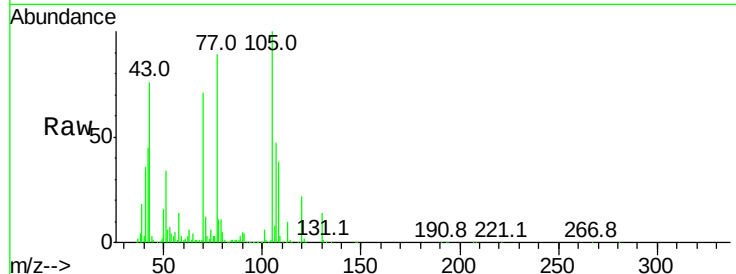
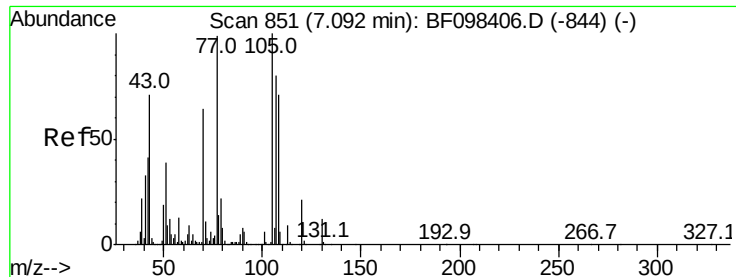
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#18
Hexachloroethane
Concen: 36.457 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.0	
201	87.8	94.6	141.8#	





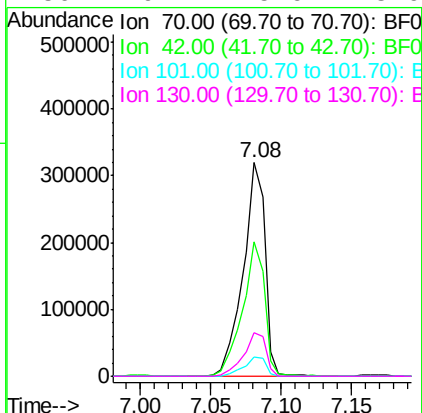
#19
n-Nitroso-di-n-propylamine
Concen: 37.847 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.2	70.8
101	9.0	7.2	10.8
130	20.4	15.9	23.9

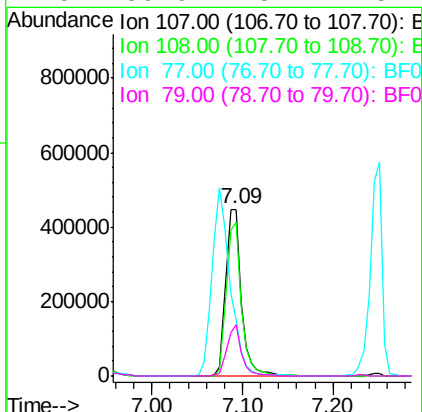
Manual Integrations
APPROVED

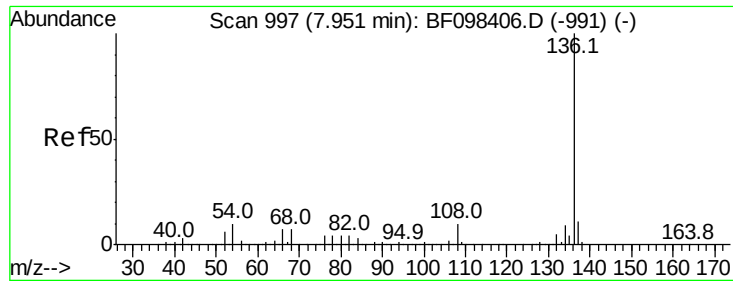
Sohil
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#20
3+4-Methylphenols
Concen: 40.685 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.0	111.0
77	33.9	90.5	130.5#
79	30.6	8.4	48.4





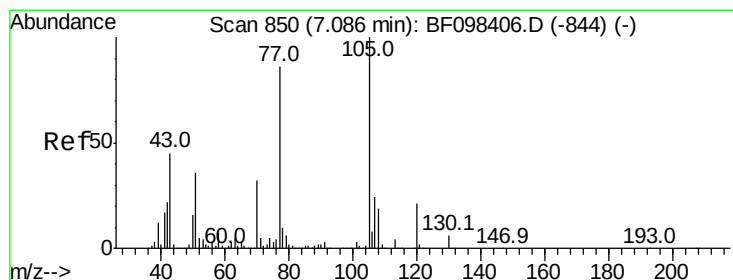
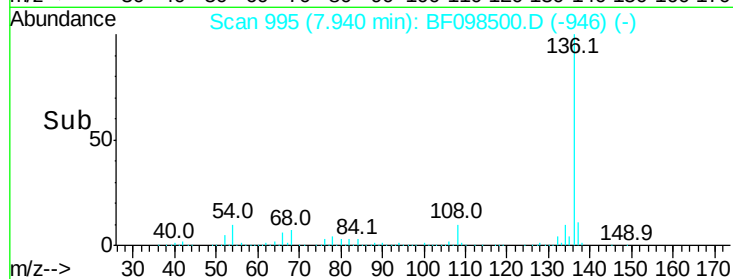
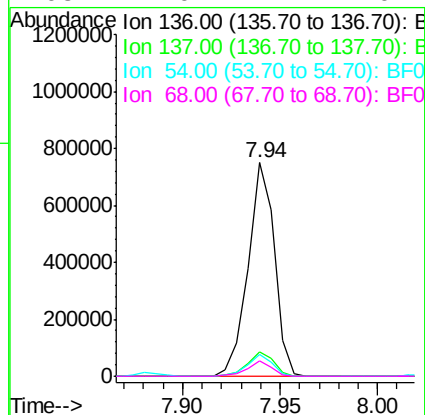
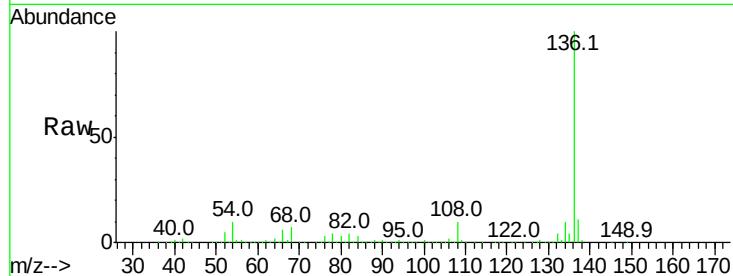
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	10.1	4.9	7.3#	
68	7.0	4.1	6.1#	

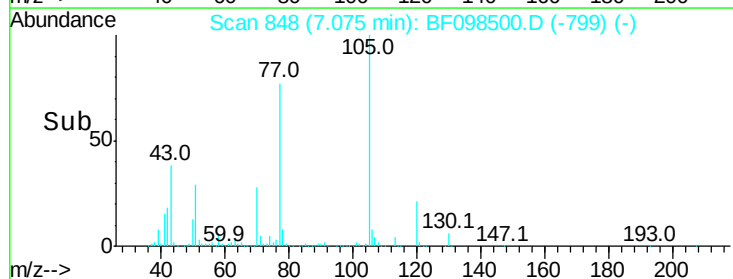
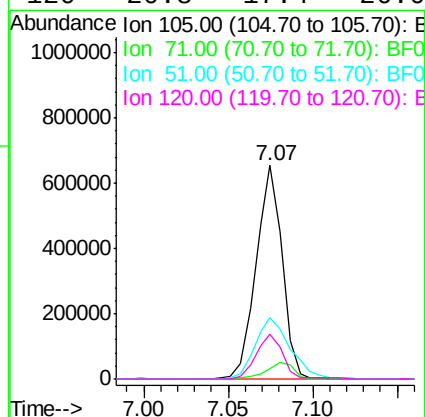
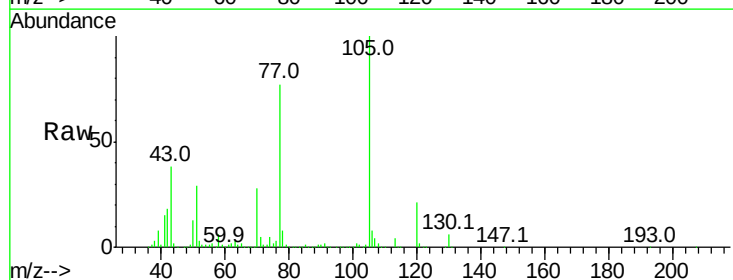
Manual Integrations
APPROVED

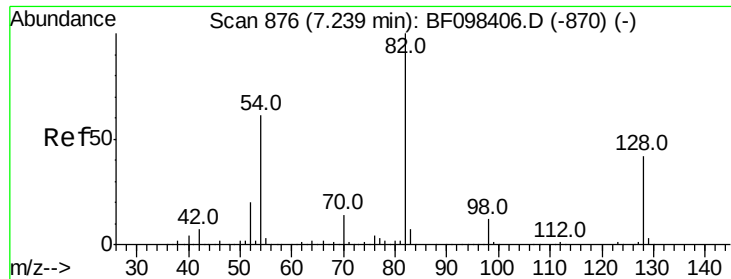
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#22
Acetophenone
Concen: 38.903 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	2.8	4.2#	
51	28.9	30.7	46.1#	
120	20.8	17.4	26.0	





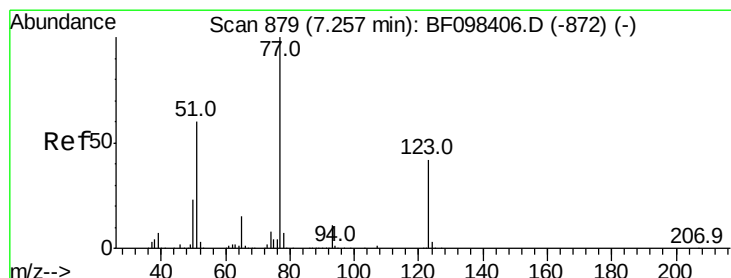
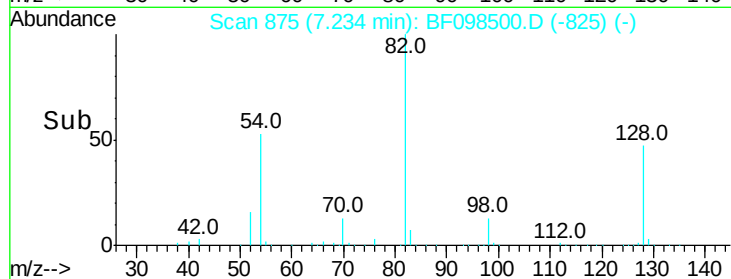
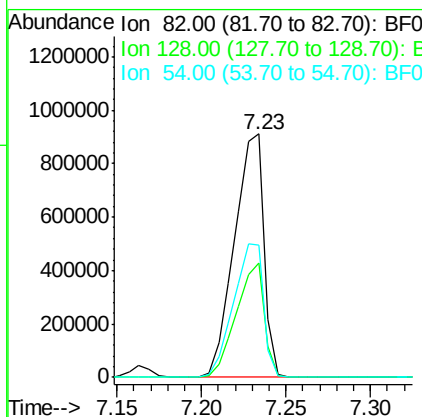
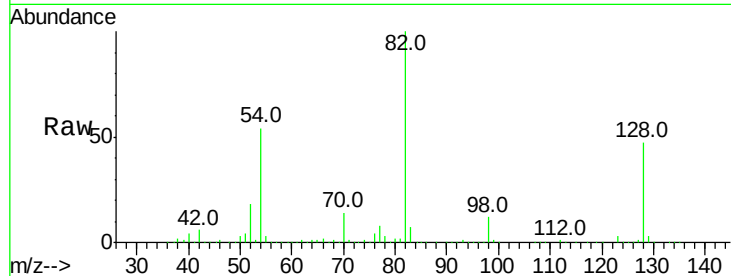
#23
 Nitrobenzene-d5
 Concen: 88.185 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion	82	Resp	1111118
Ion Ratio	100	Lower	Upper
128	46.8	34.0	51.0
54	54.1	42.2	63.2

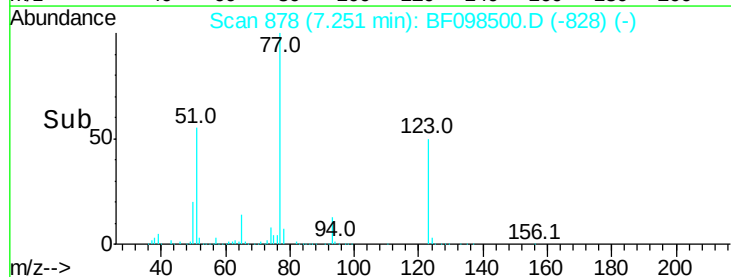
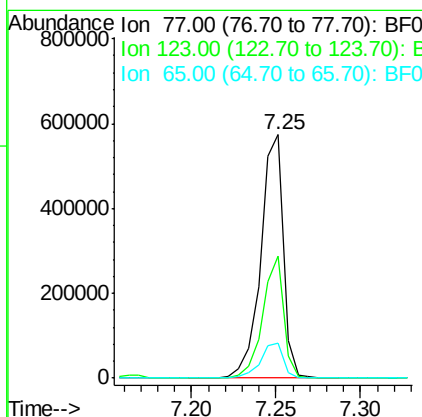
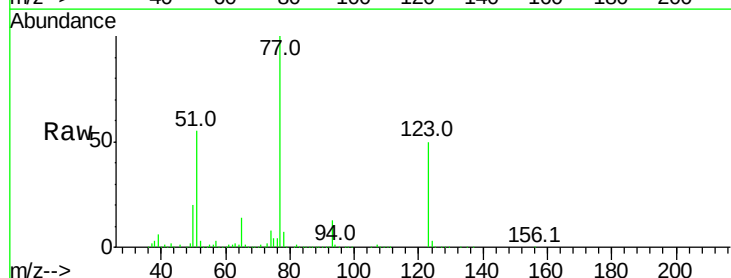
Manual Integrations
 APPROVED

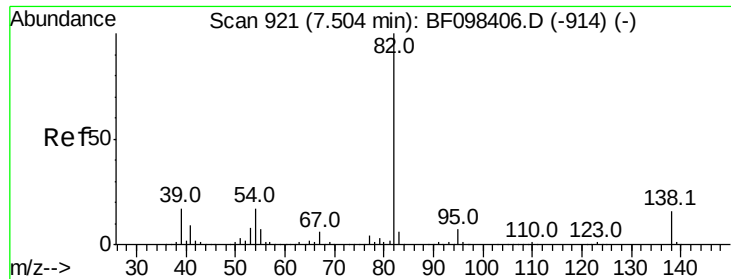
Sohil
 9/14/2017 5:52:43 PM



#24
 Nitrobenzene
 Concen: 36.879 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	77	Resp	529280
Ion Ratio	100	Lower	Upper
123	49.9	35.8	53.8
65	14.2	10.6	15.8





#25

Isophorone

Concen: 37.162 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

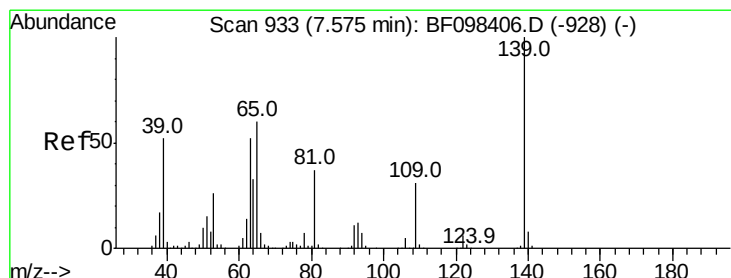
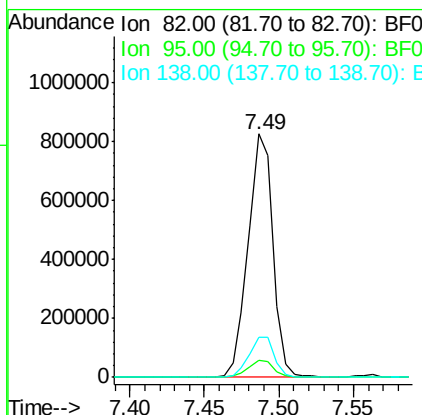
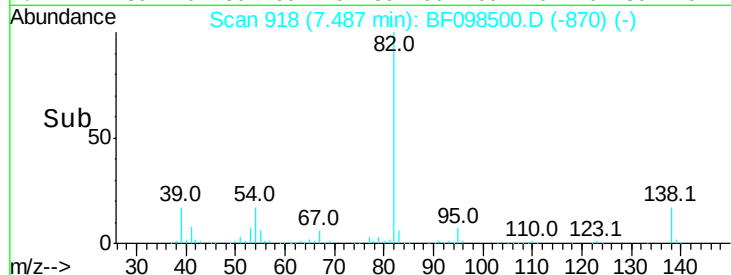
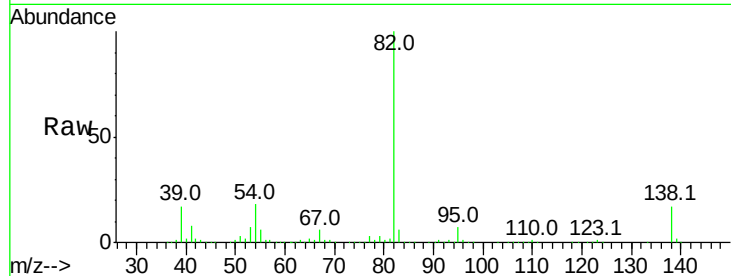
ClientSampled :

G-6-2MS

Tot Ion:	82	Resp:	947365
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	16.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.276 ng

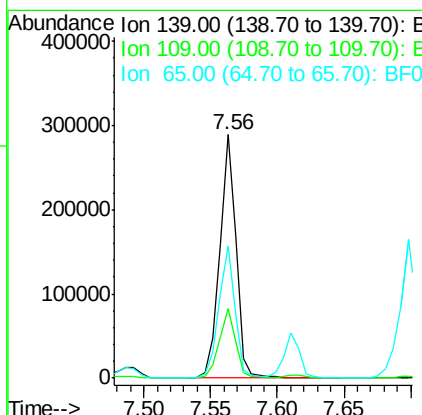
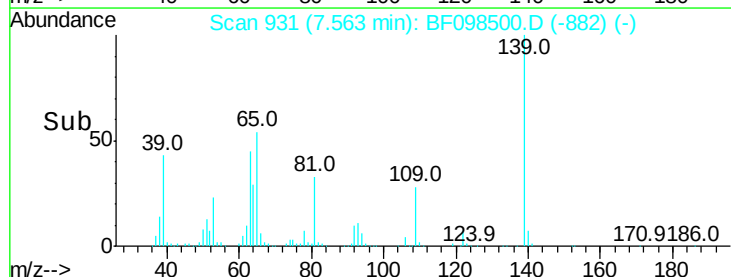
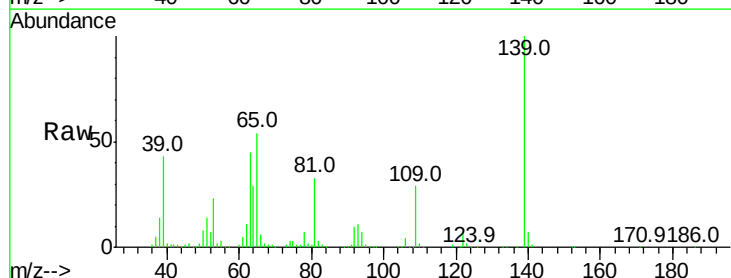
RT: 7.56 min Scan# 931

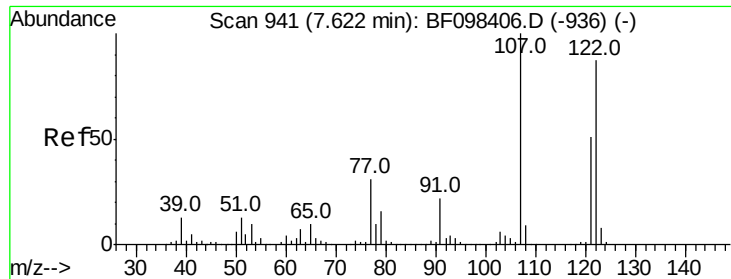
Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Tgt Ion:	139	Resp:	250772
Ion Ratio	Lower	Upper	
139	100		
109	28.5	21.0	31.6
65	54.4	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 38.307 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

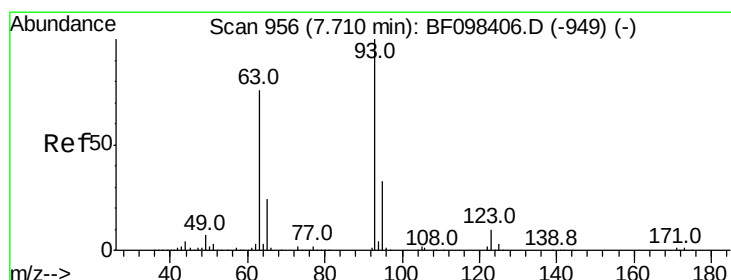
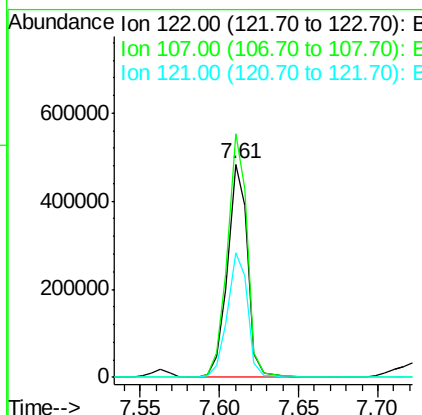
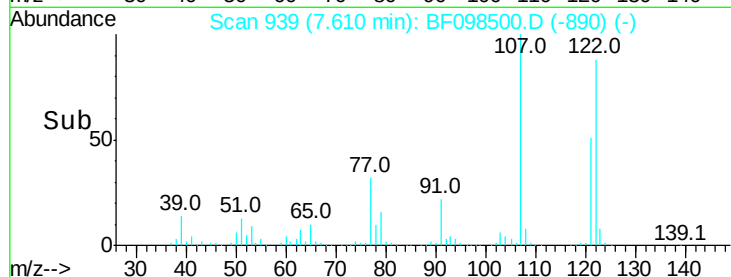
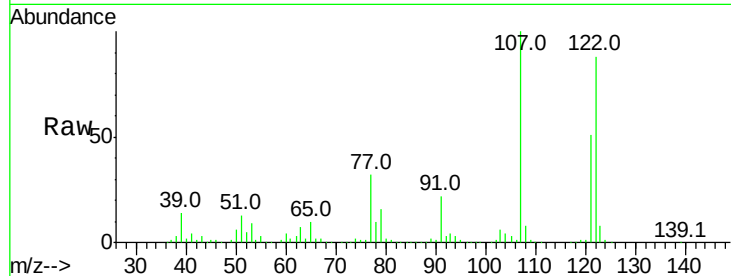
ClientSampled :

G-6-2MS

Tot Ion:	122	Resp:	423154
Ion Ratio	Lower	Upper	
122	100		
107	114.2	89.2	133.8
121	58.7	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.614 ng

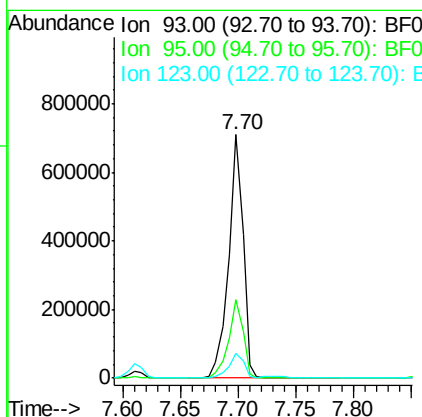
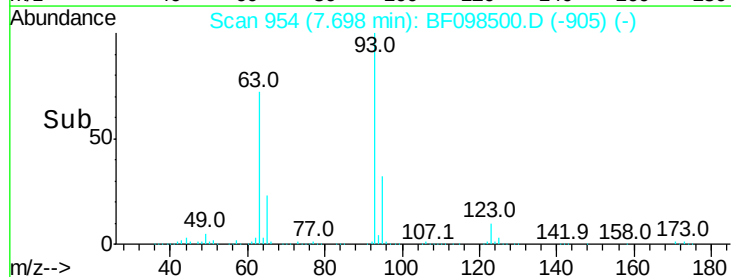
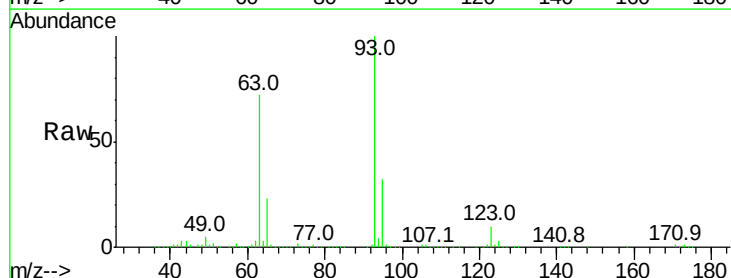
RT: 7.70 min Scan# 954

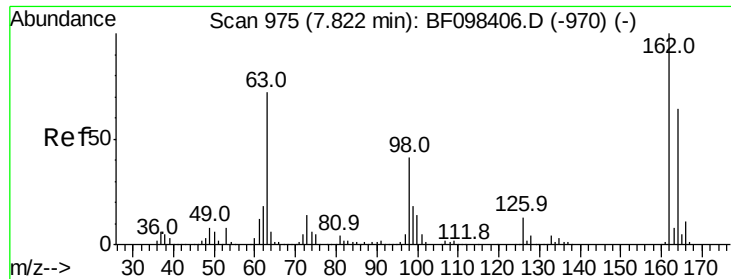
Delta R.T. -0.01 min

Lab File: BF098500.D

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Tgt Ion:	93	Resp:	616203
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	10.2	9.0	13.4





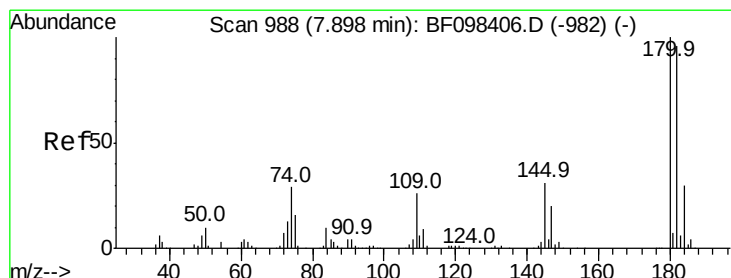
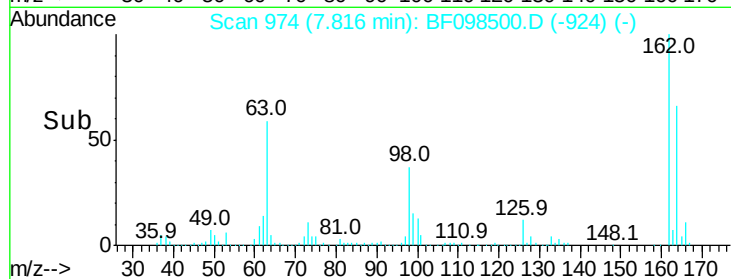
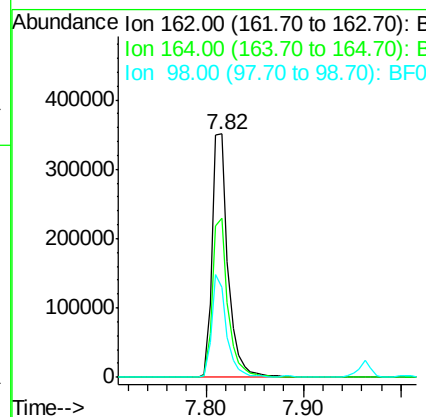
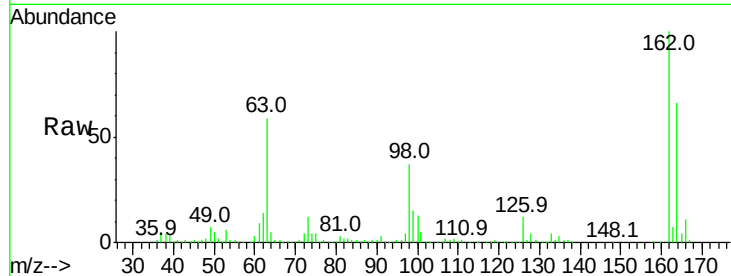
#29
 2,4-Dichlorophenol
 Concen: 43.335 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion:	162	Resp:	398128
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.6	84.6
98	37.1	14.8	54.8

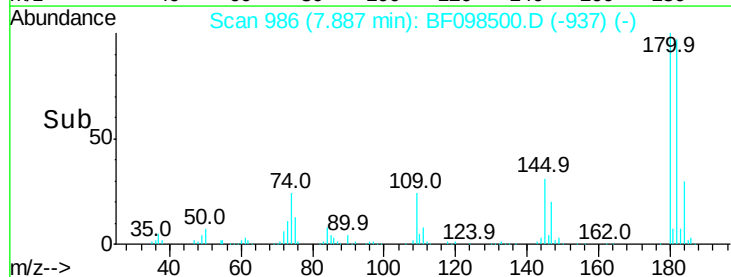
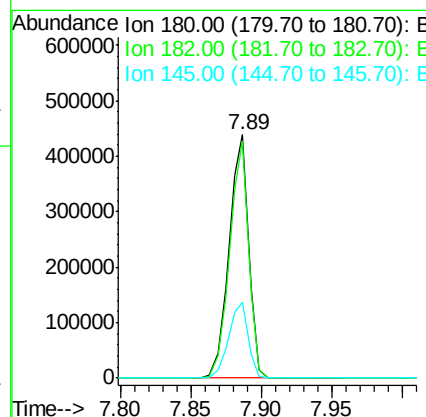
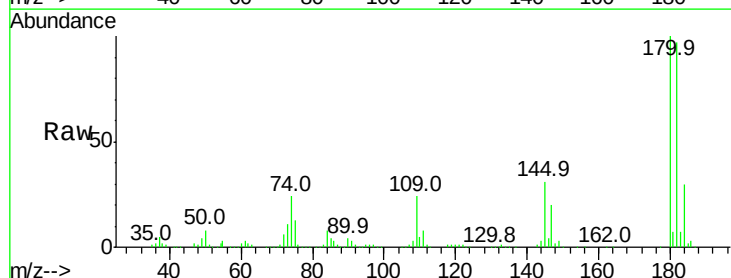
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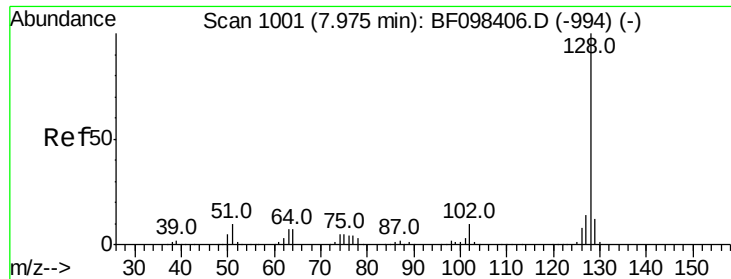
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.202 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion:	180	Resp:	421757
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.8	113.6
145	31.2	25.3	37.9





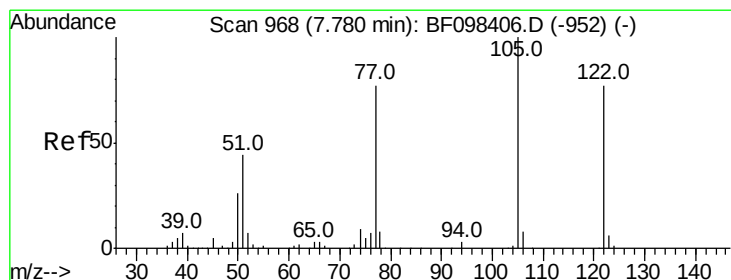
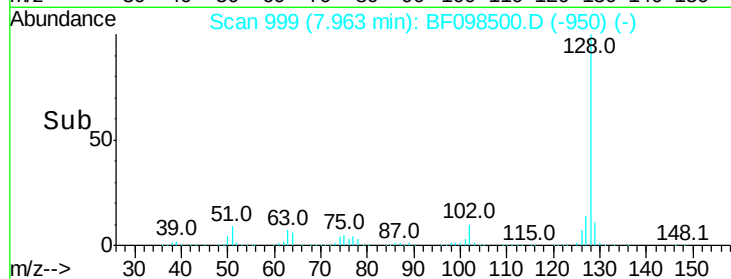
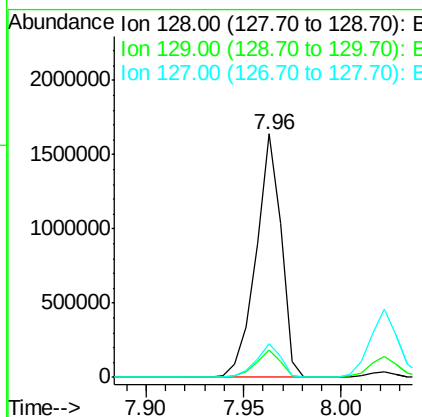
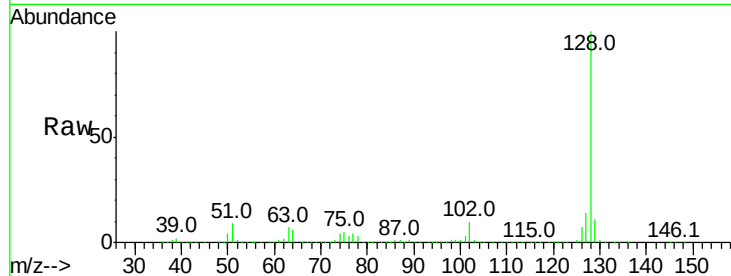
#31
Naphthalene
Concen: 41.994 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion:128 Resp: 1458253
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.8 16.2

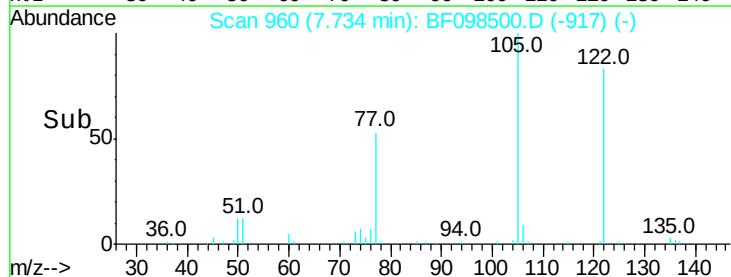
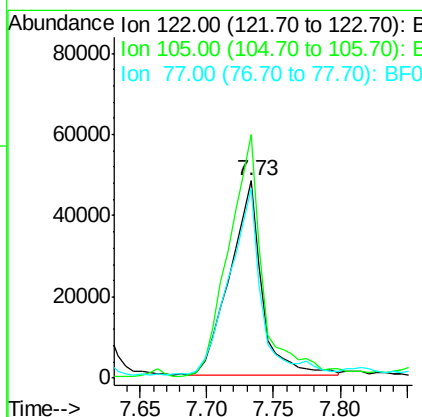
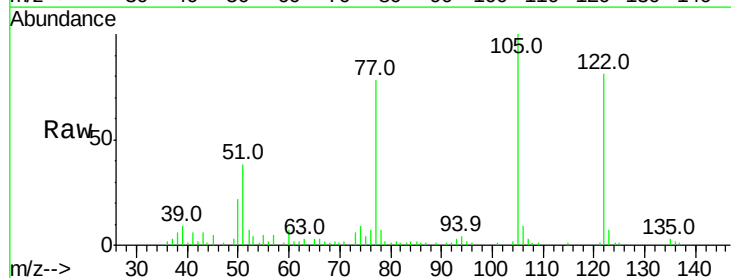
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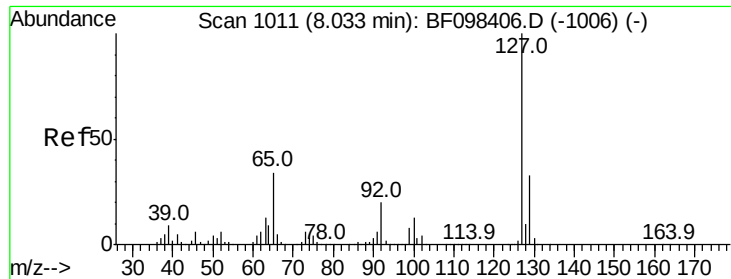
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#32
Benzoic acid
Concen: 16.973 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.05 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion:122 Resp: 80005
Ion Ratio Lower Upper
122 100
105 123.6 103.3 143.3
77 96.1 73.7 113.7





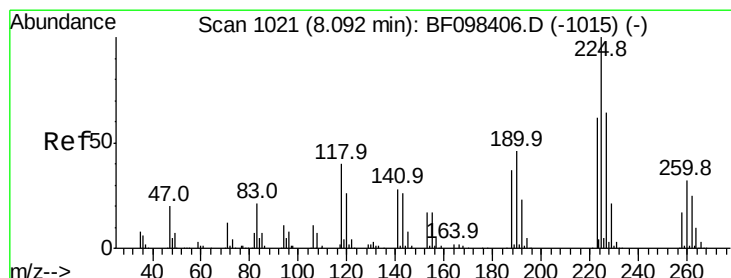
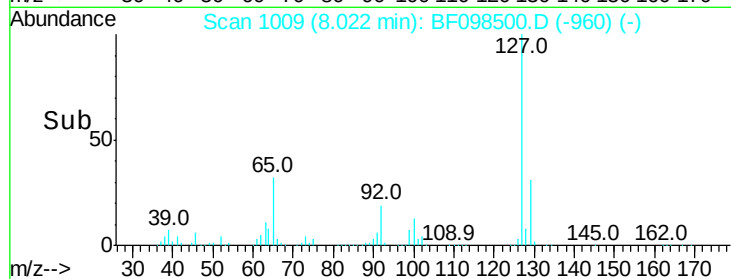
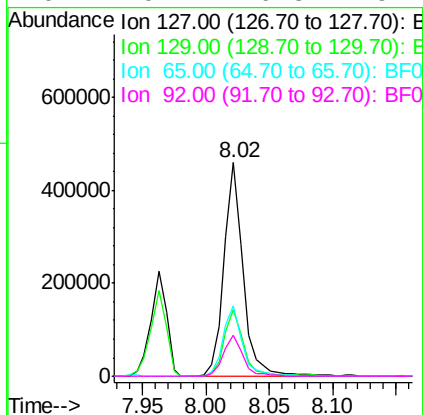
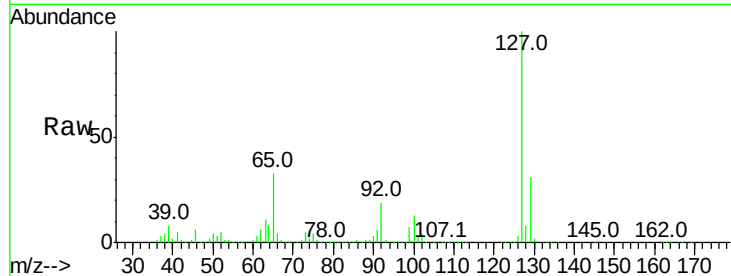
#33
4-Chloroaniline
Concen: 33.876 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		478083		
129	31.3	26.2	39.2		
65	32.7	27.8	41.8		
92	19.4	16.8	25.2		

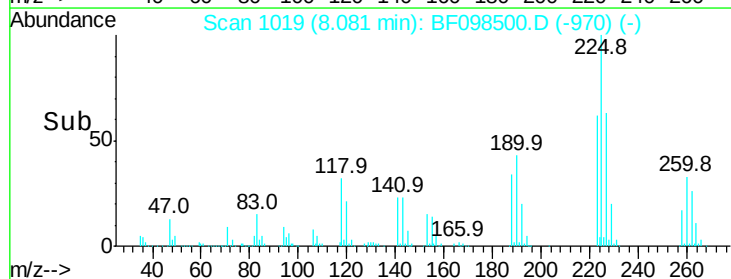
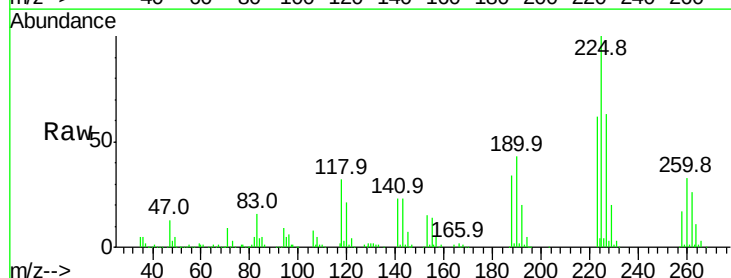
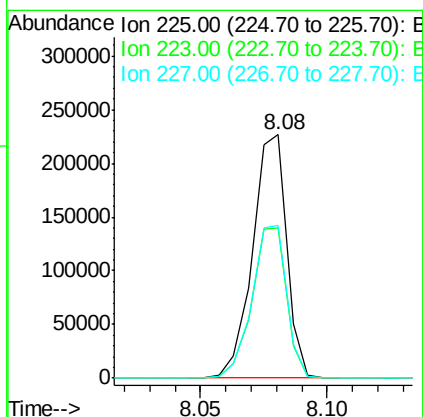
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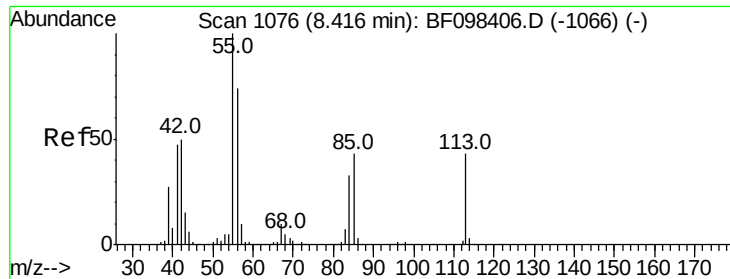
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#34
Hexachlorobutadiene
Concen: 41.555 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		213199		
223	61.7	48.8	73.2		
227	62.7	51.1	76.7		





#35

Caprolactam

Concen: 42.836 ng/ml

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampled :

G-6-2MS

Tot Ion:113 Resp: 135706

Ion Ratio Lower Upper

113 100

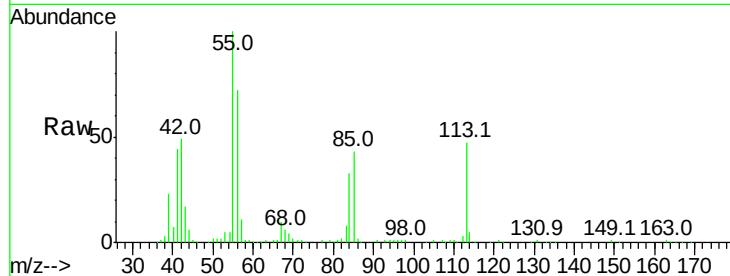
55 211.8 150.2 190.2#

56 152.0 107.8 147.8#

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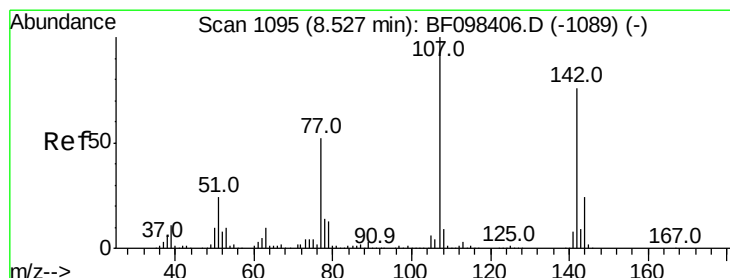
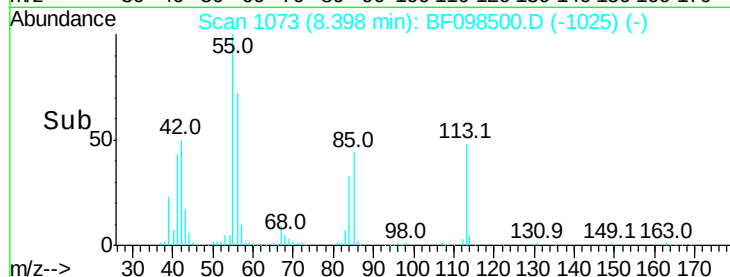
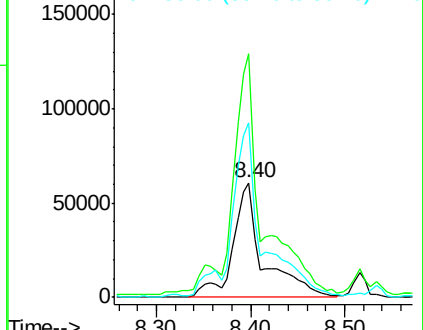
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.223 ng/ml

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

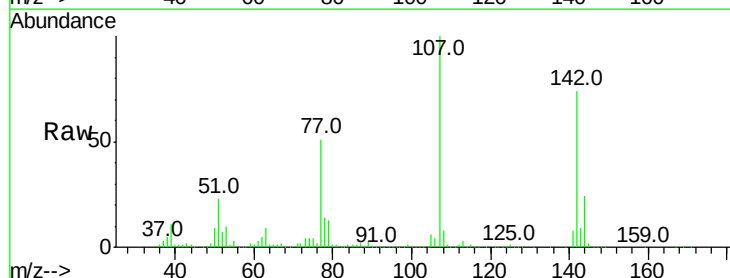
Tgt Ion:107 Resp: 435505

Ion Ratio Lower Upper

107 100

144 24.1 24.2 36.4#

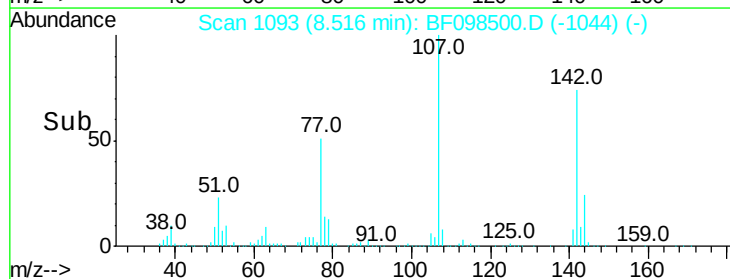
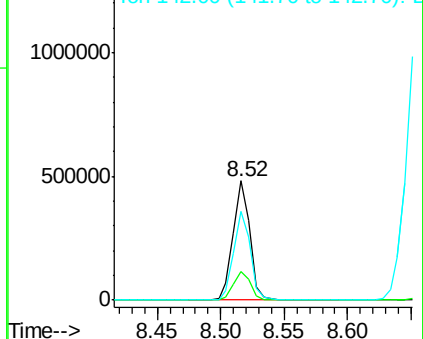
142 74.4 73.4 110.0

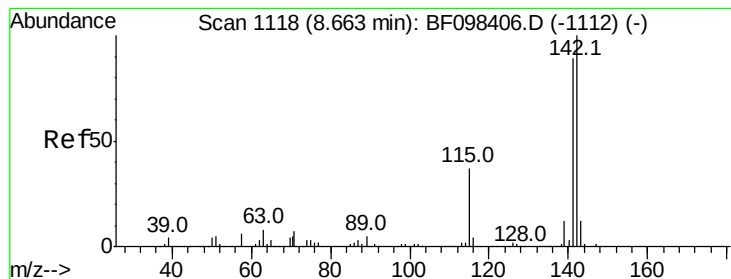


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





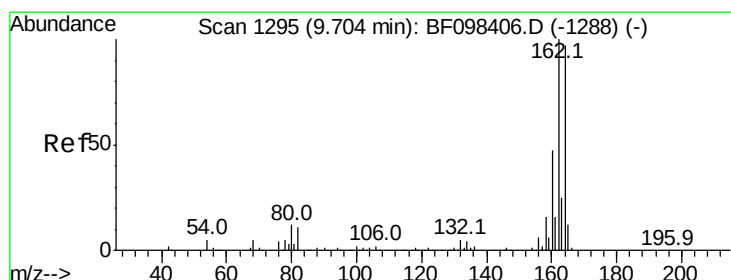
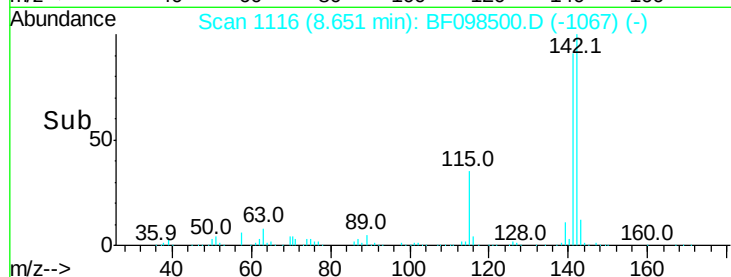
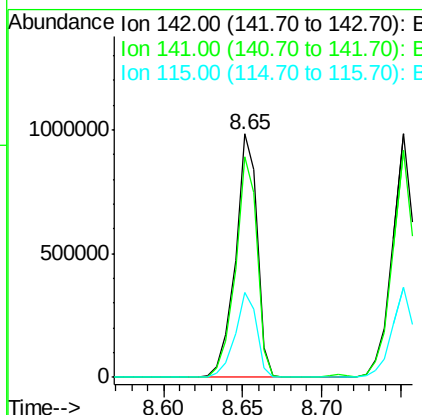
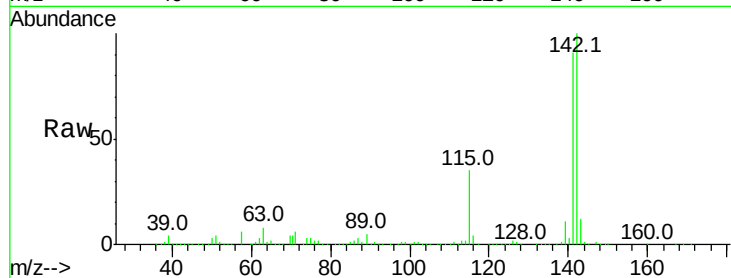
#37
2-Methylnaphthalene
Concen: 44.461 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	935206		
141	90.7	71.3	106.9	
115	35.1	27.1	40.7	

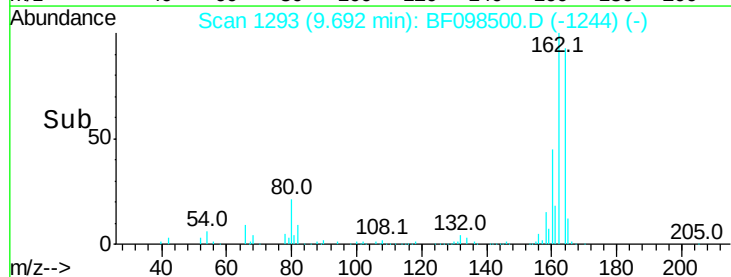
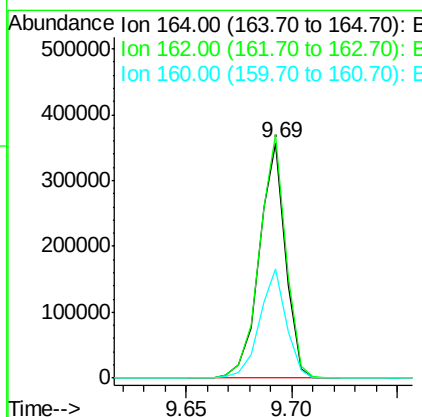
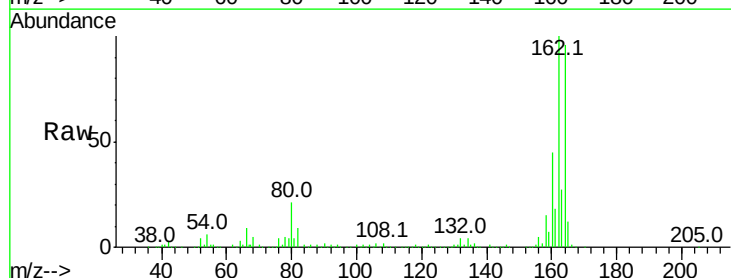
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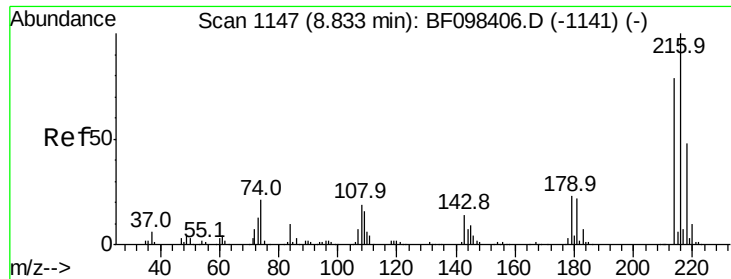
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307997		
162	103.7	82.6	123.8	
160	46.3	36.2	54.2	





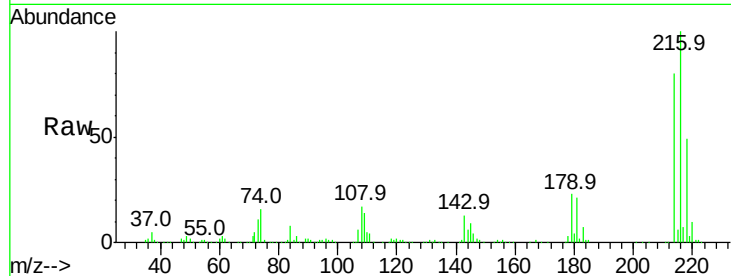
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.041 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

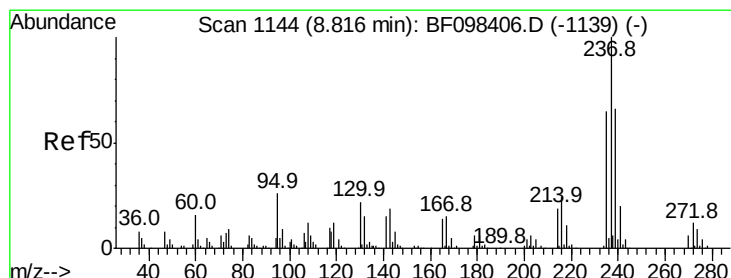
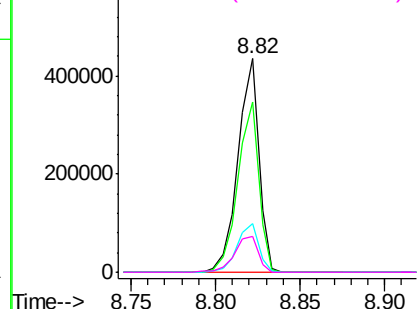
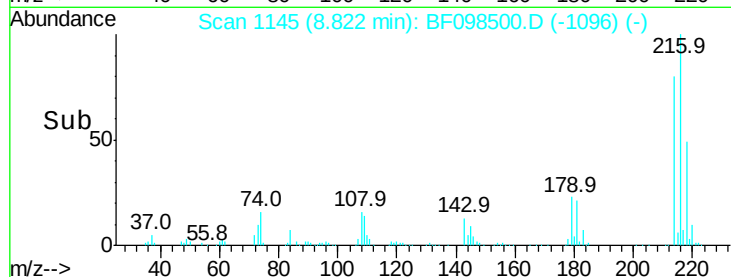
Tot Ion	Ratio	Resp	Lower	Upper
216	100	374560		
214	79.8	63.4	95.2	
179	23.4	17.9	26.9	
108	19.1	16.5	24.7	

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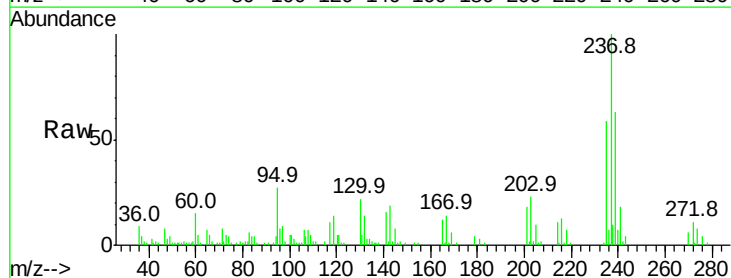


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

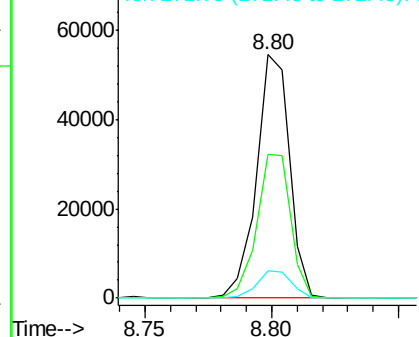
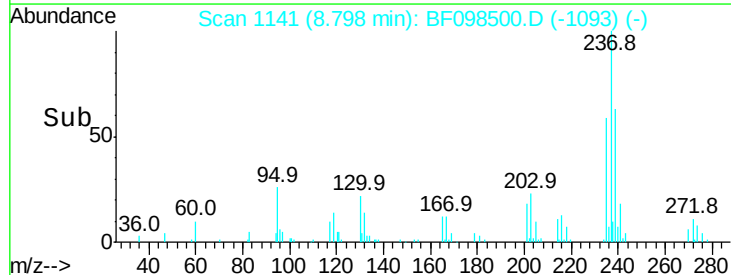


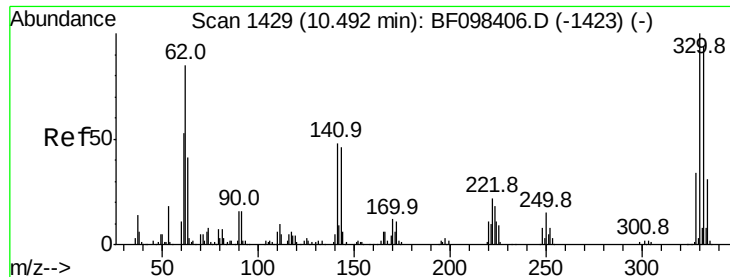
#40
 Hexachlorocyclopentadiene
 Concen: 25.388 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	49833		
235	58.8	42.6	82.6	
272	11.1	0.0	31.9	



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





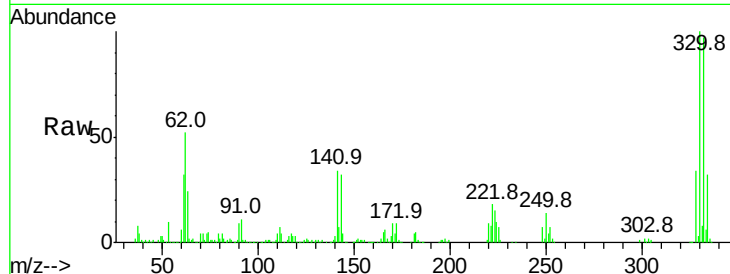
#41
 2,4,6-Tribromophenol
 Concen: 136.966 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

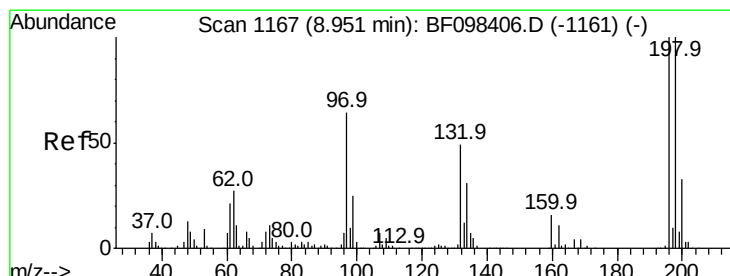
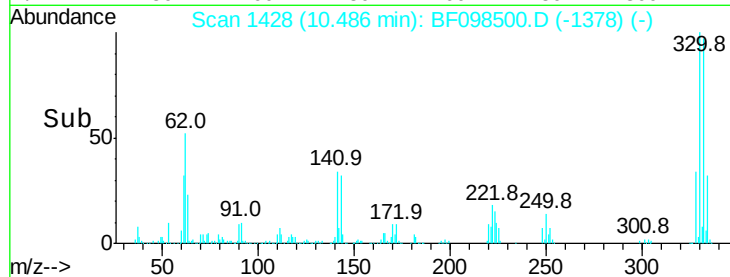
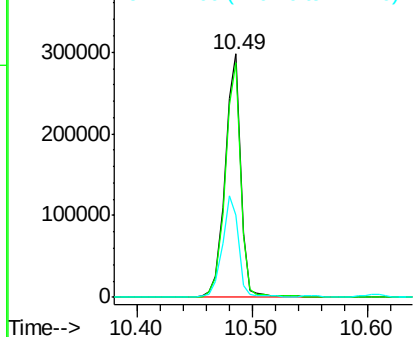
Tot Ion	Ratio	Resp	Lower	Upper
330	100	281551		
332	95.7	76.6	115.0	
141	42.4	31.4	47.2	

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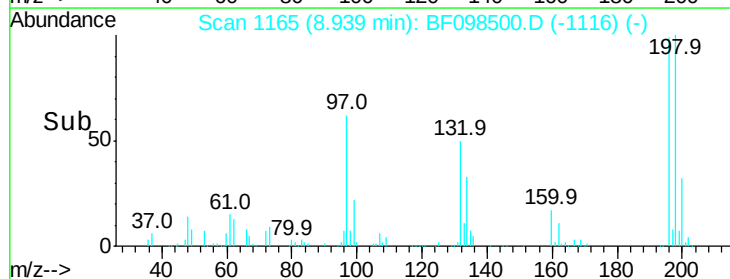
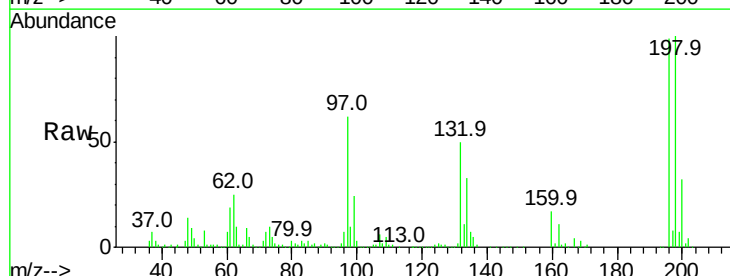
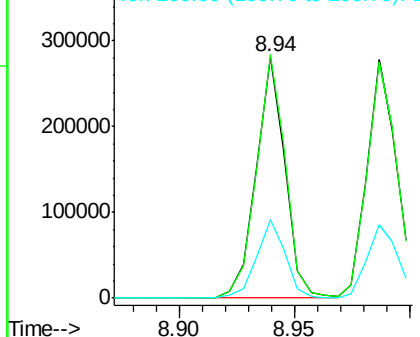
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

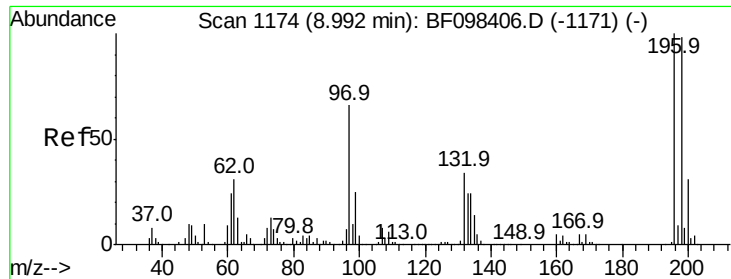


#42
 2,4,6-Trichlorophenol
 Concen: 43.747 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246528		
198	100.9	74.2	111.4	
200	32.3	24.0	36.0	

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





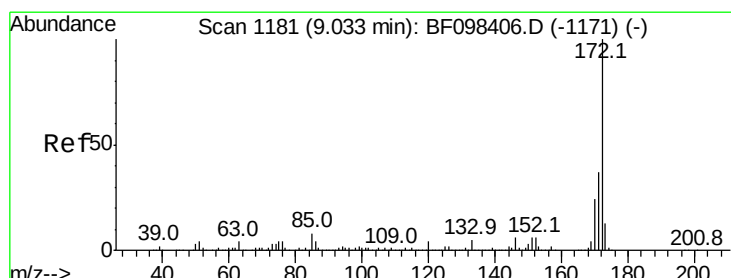
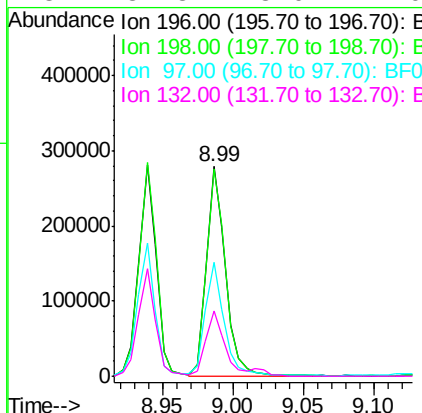
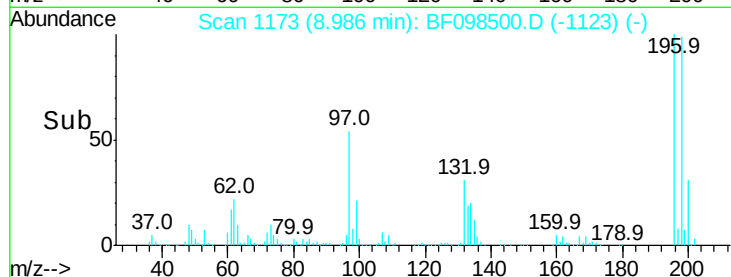
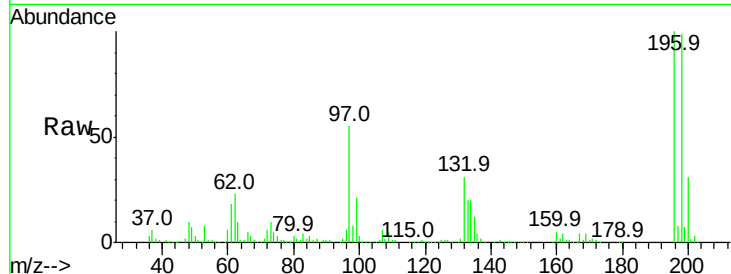
#43
 2,4,5-Trichlorophenol
 Concen: 44.190 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion:	196	Resp:	260282
Ion Ratio	Lower	Upper	
196	100		
198	98.8	75.7	113.5
97	54.6	47.7	71.5
132	31.3	28.0	42.0

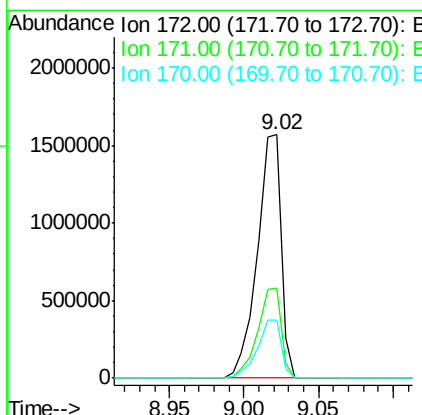
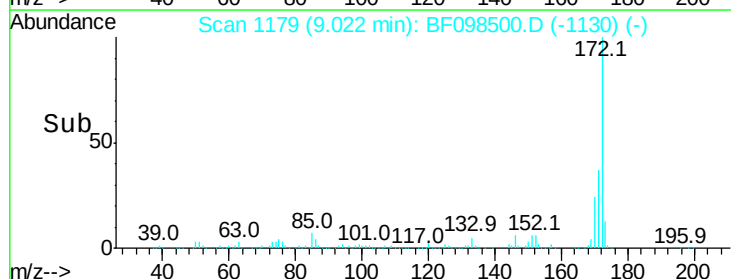
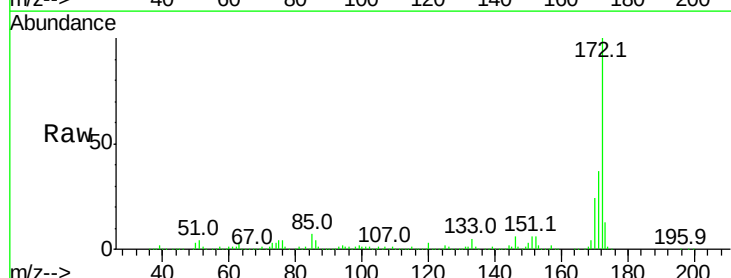
Manual Integrations
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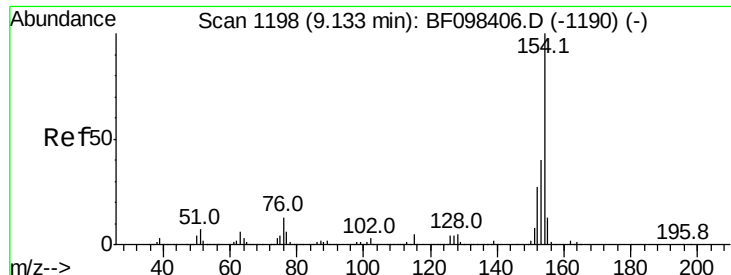
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 94.496 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion:	172	Resp:	1717170
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.6	44.4
170	23.8	19.8	29.8





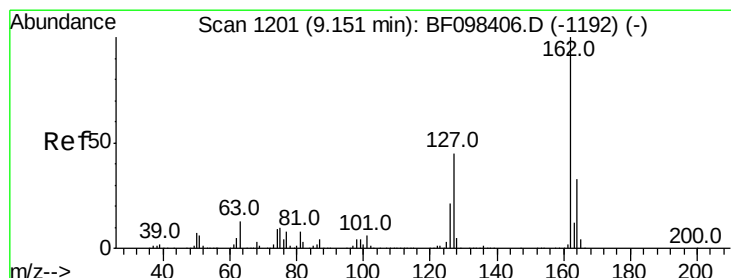
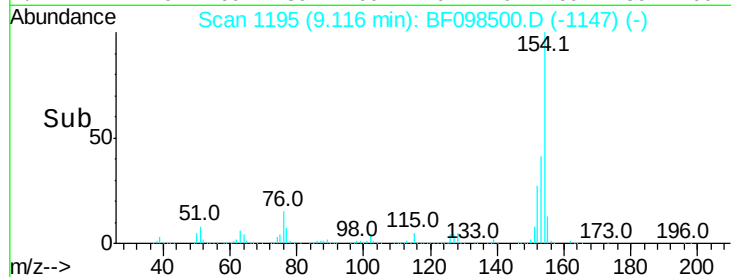
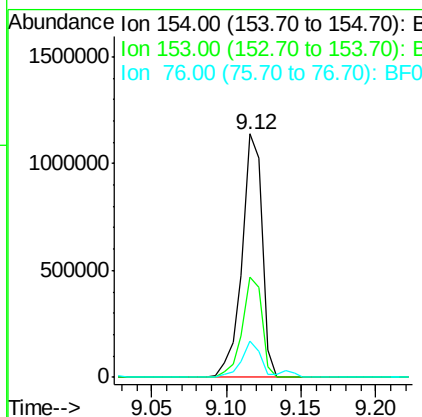
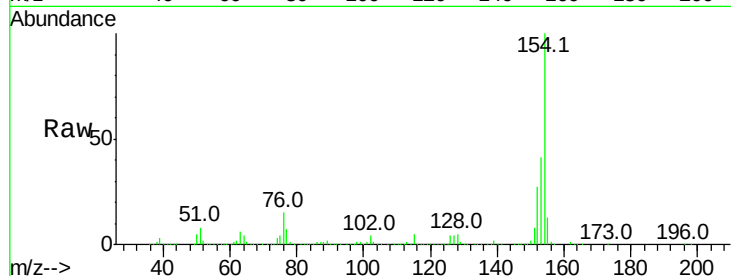
#45
 1,1'-Biphenyl
 Concen: 38.666 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	14.7	0.0	29.9

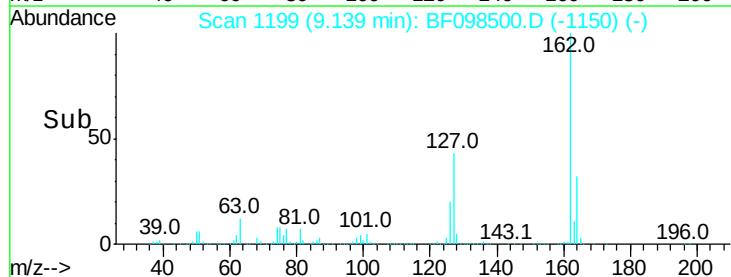
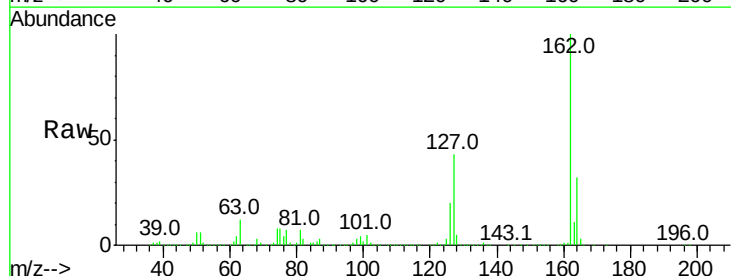
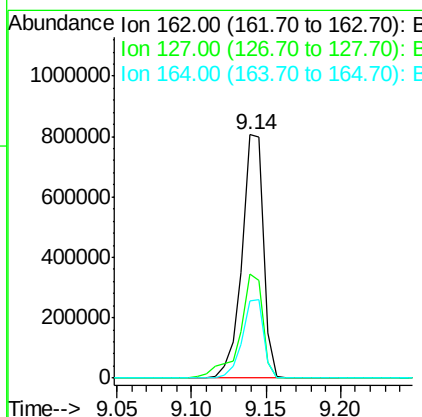
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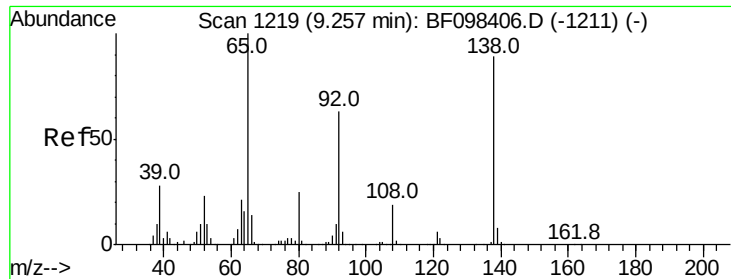
Sohil
 9/14/2017 5:52:43 PM



#46
 2-Chloronaphthalene
 Concen: 40.877 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	28.3	42.5#
164	31.8	27.0	40.4





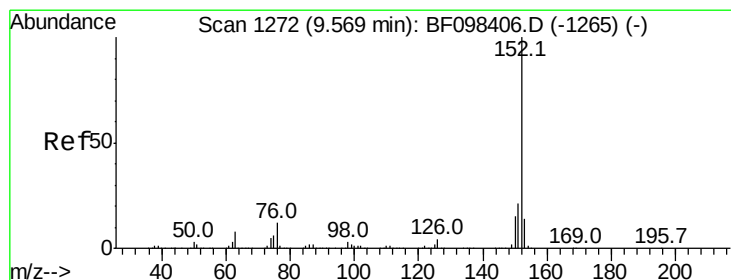
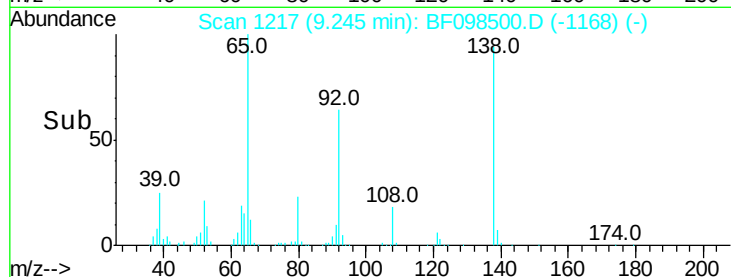
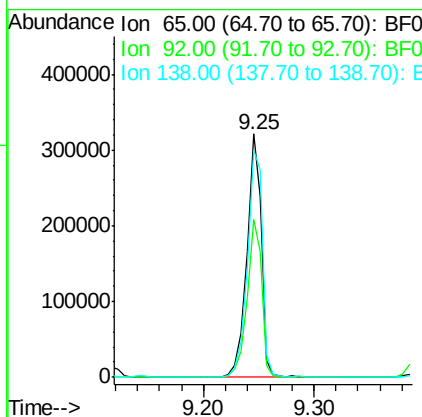
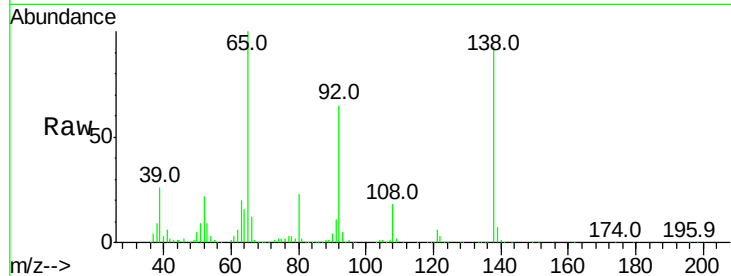
#47
2-Nitroaniline
Concen: 39.204 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	93.2	78.8	118.2

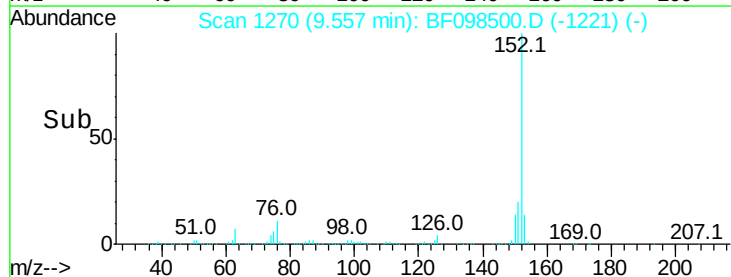
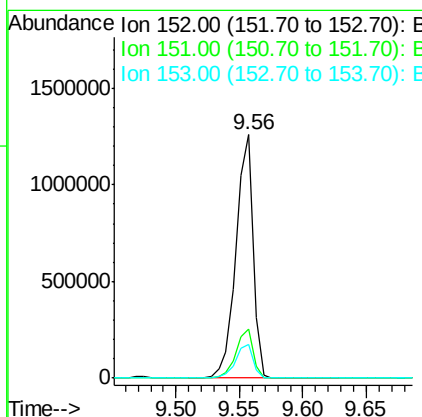
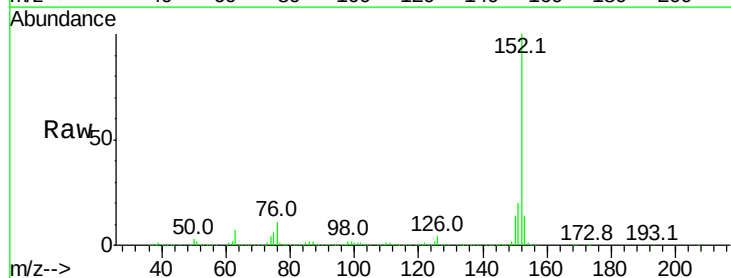
Manual Integrations
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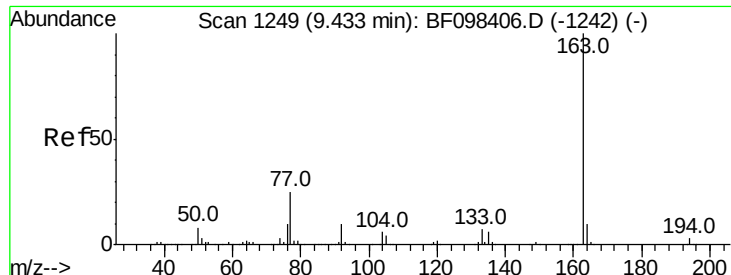
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#48
Acenaphthylene
Concen: 39.738 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.8	10.8	16.2





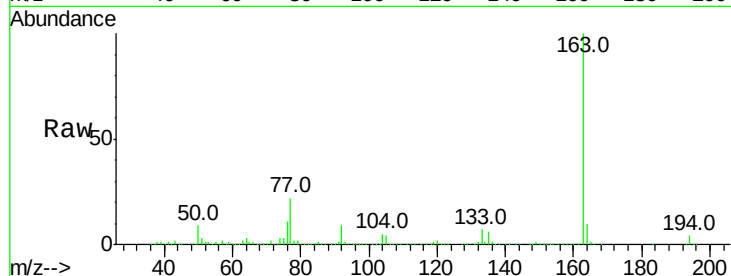
#49
Dimethylphthalate
Concen: 51.097 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

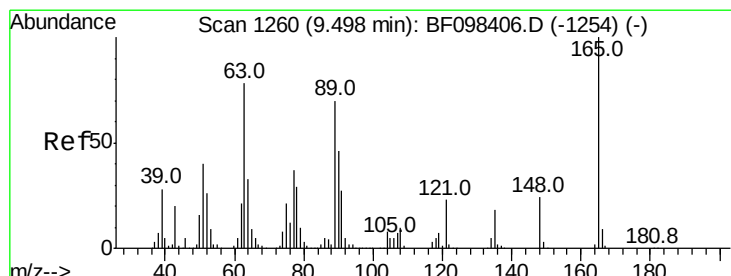
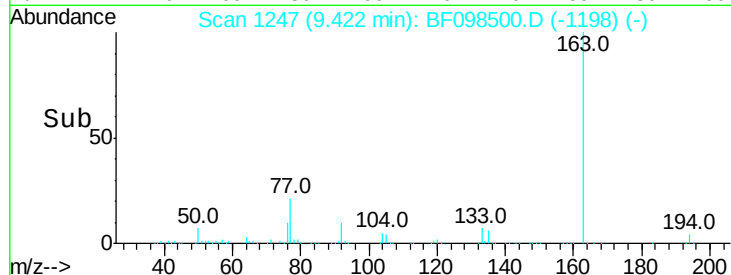
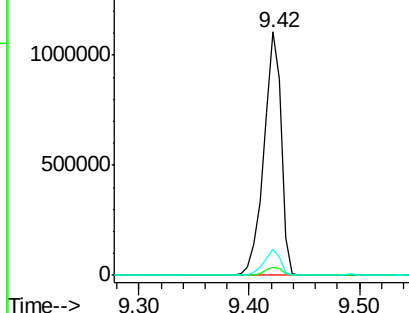
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

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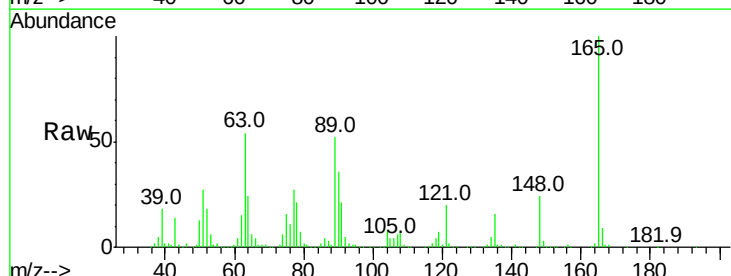


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

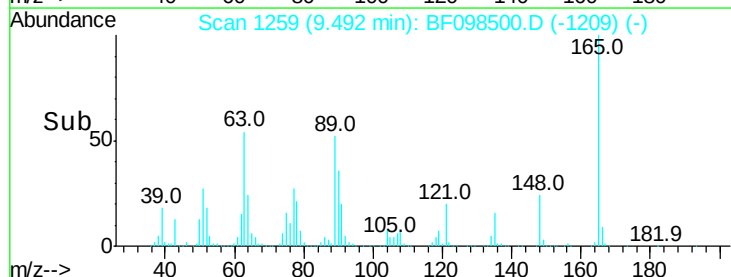
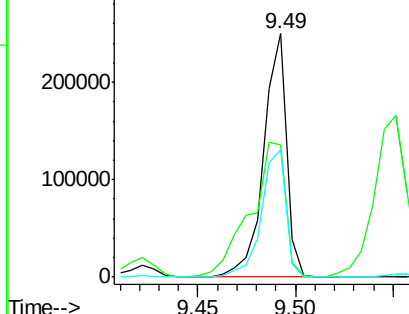


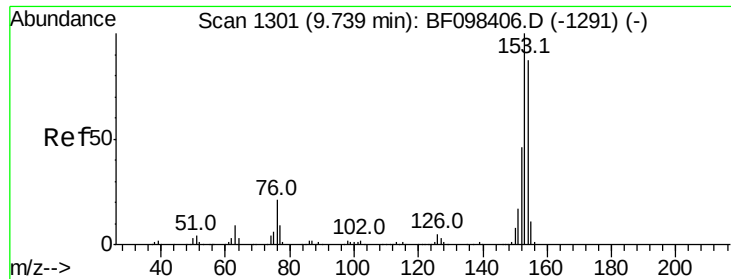
#50
2,6-Dinitrotoluene
Concen: 41.498 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	34.3	51.5#
89	52.1	37.1	55.7



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





#51

Acenaphthene

Concen: 38.541 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

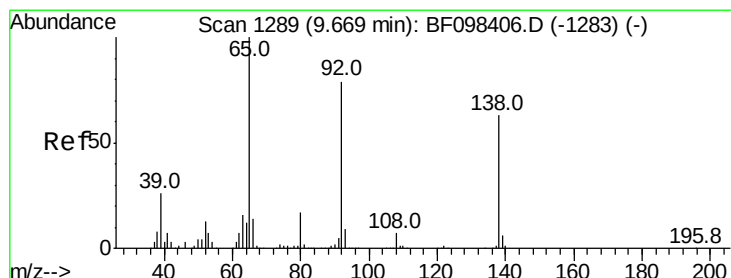
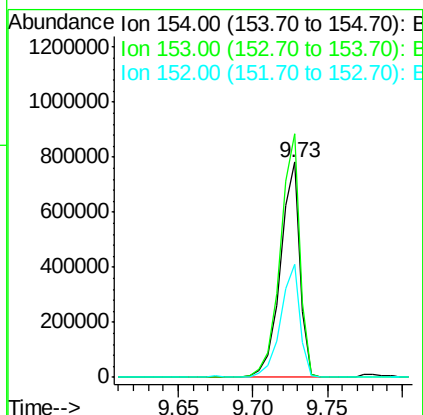
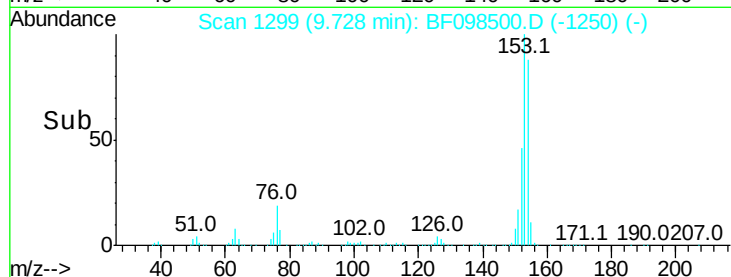
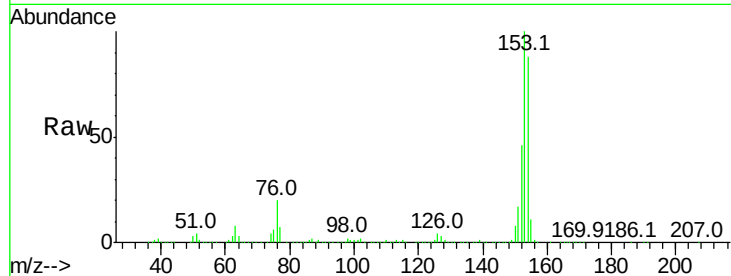
ClientSampleId :

G-6-2MS

Tot Ion:	154	Resp:	717168
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	52.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 35.644 ng

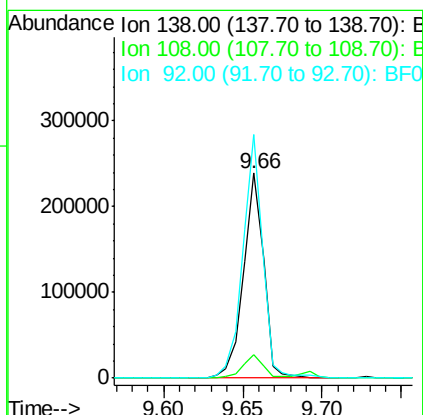
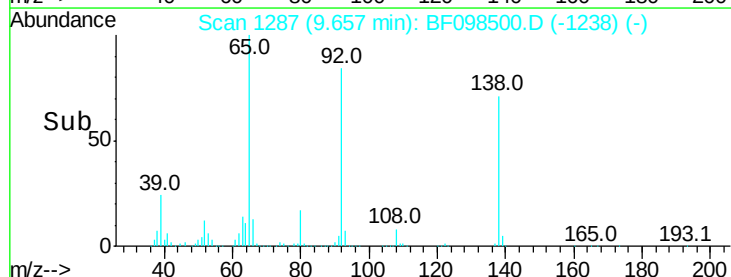
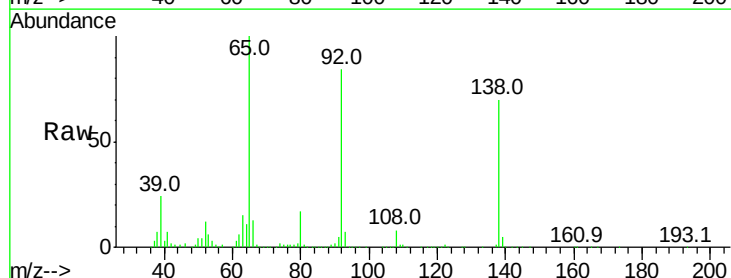
RT: 9.66 min Scan# 1287

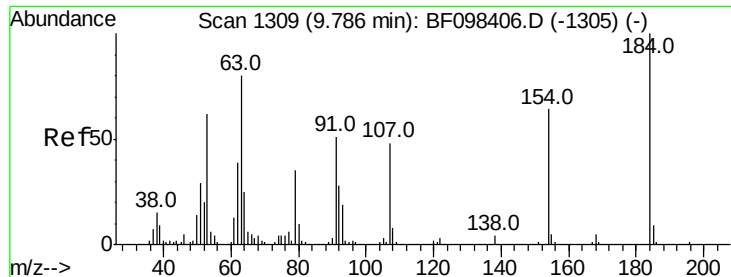
Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Tgt Ion:	138	Resp:	210719
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	118.8	93.8	140.6





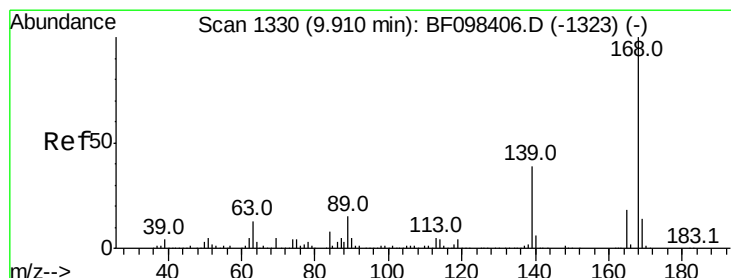
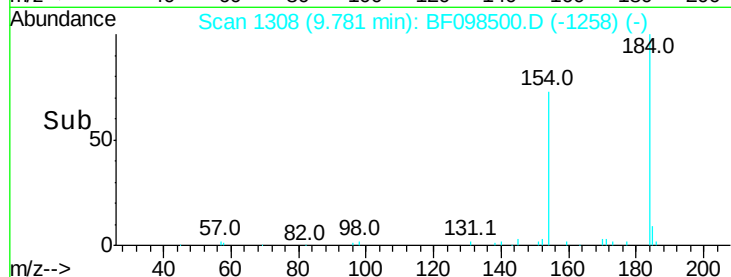
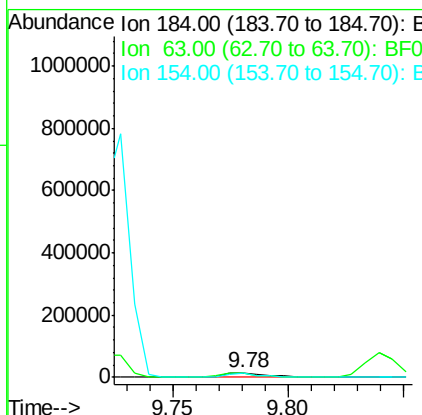
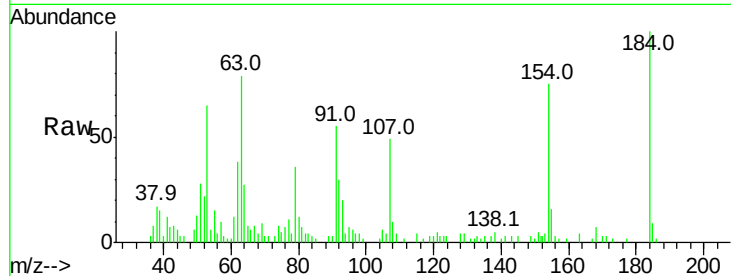
#53
 2,4-Dinitrophenol
 Concen: 16.891 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.6	62.7	94.1
154	74.8	81.1	121.7

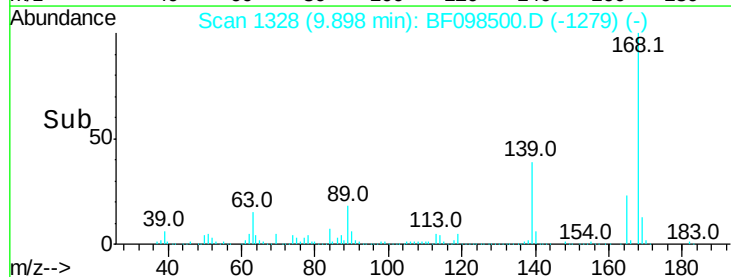
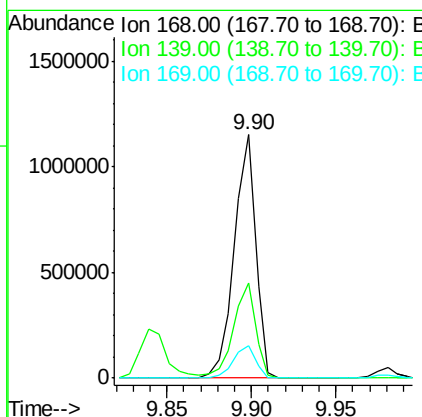
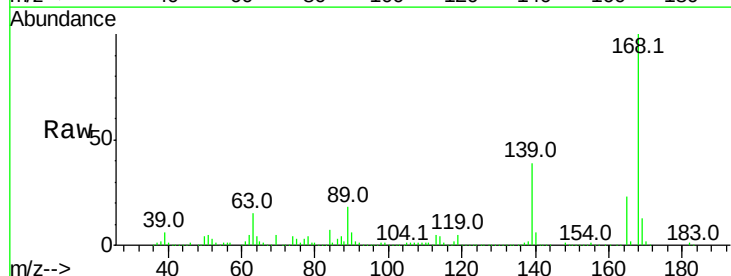
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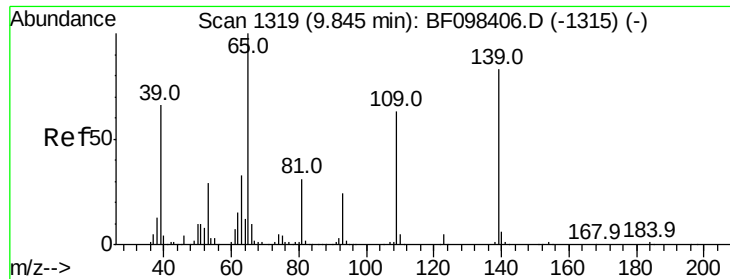
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#54
 Dibenzofuran
 Concen: 41.601 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.6	45.8
169	13.2	10.8	16.2





#55

4-Nitrophenol

Concen: 73.437 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampled :

G-6-2MS

Tot Ion:139 Resp: 249426

Ion Ratio Lower Upper

139 100

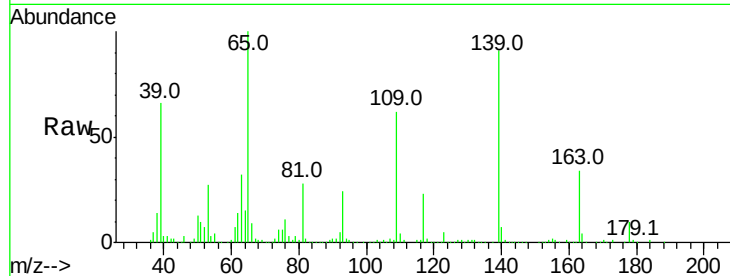
109 68.0 34.1 74.1

65 109.4 31.4 71.4#

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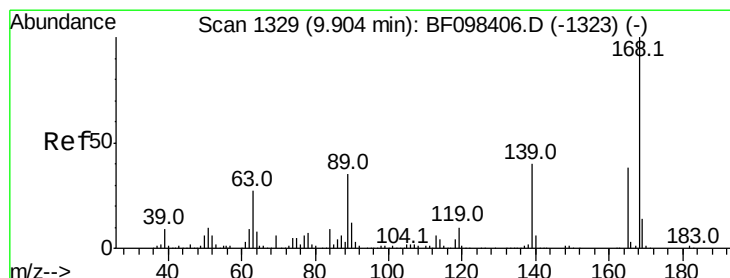
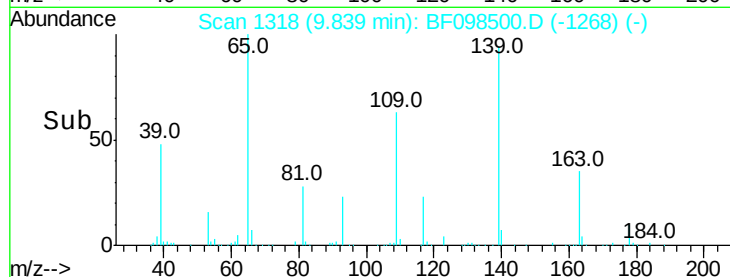
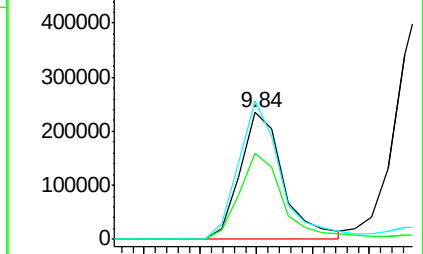
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.473 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Tgt Ion:165 Resp: 235017

Ion Ratio Lower Upper

165 100

63 66.8 25.4 38.0#

89 81.4 46.4 69.6#

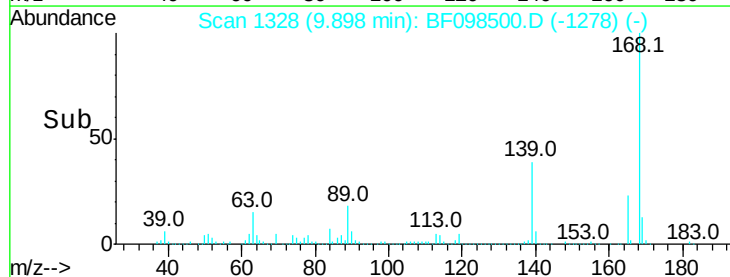
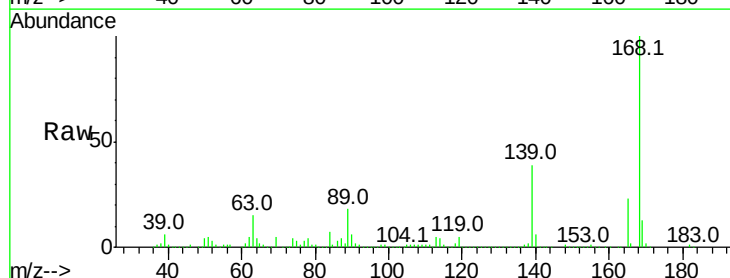
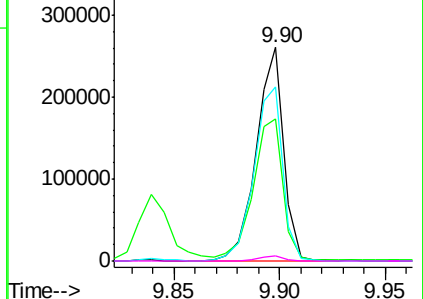
182 2.5 1.8 2.6

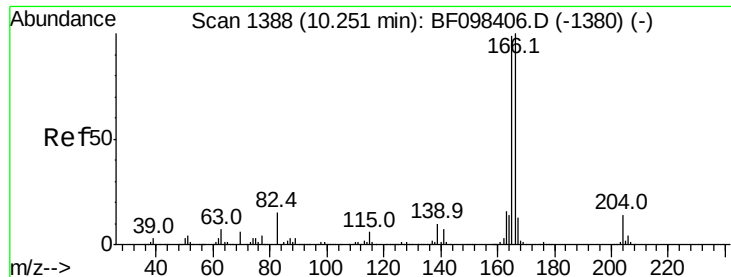
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





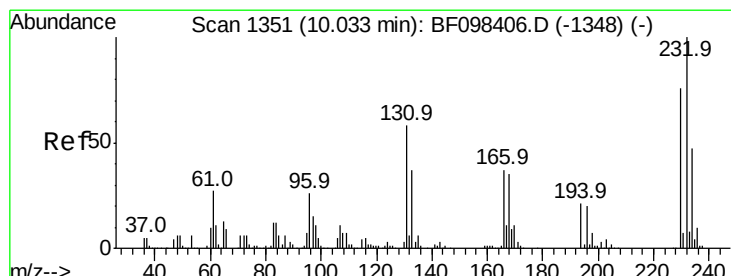
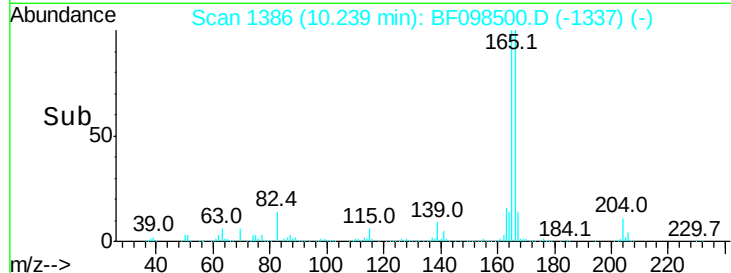
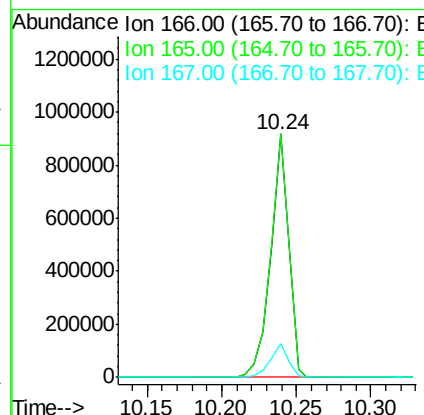
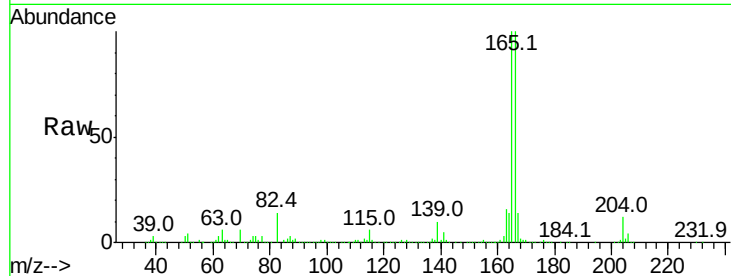
#57
 Fluorene
 Concen: 37.348 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	78.8	118.2	
167	14.1	10.6	16.0	

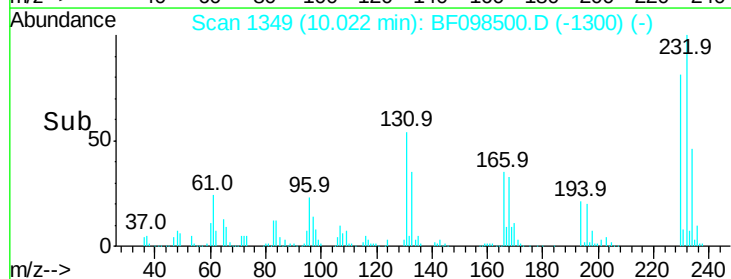
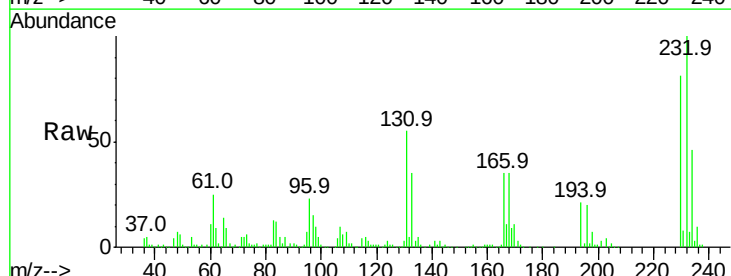
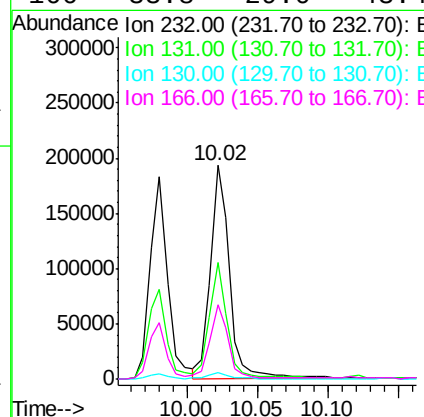
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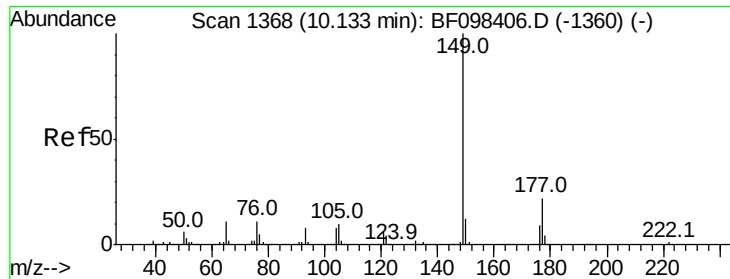
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.644 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.7	44.8	67.2	
130	3.5	2.3	3.5#	
166	33.8	29.0	43.4	





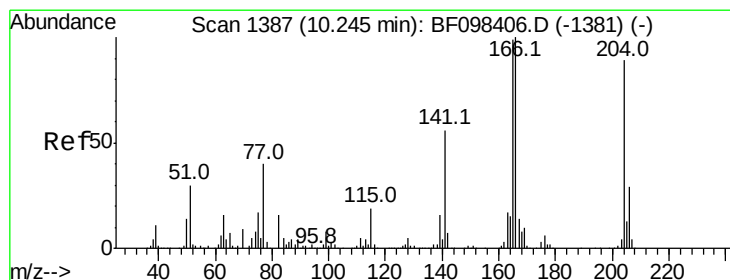
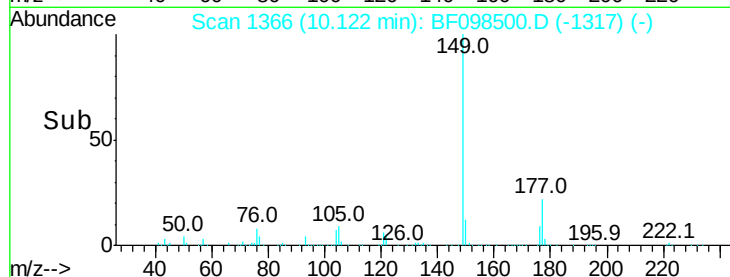
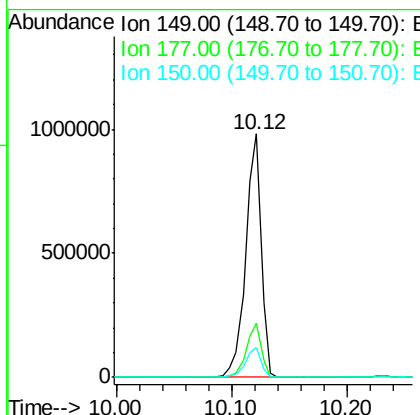
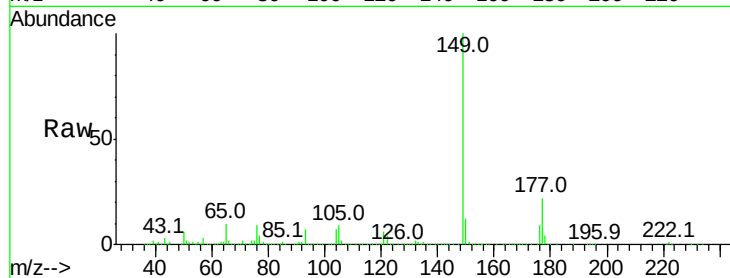
#59
Diethylphthalate
Concen: 40.071 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	908572		
177	22.2	16.7	25.1	
150	12.3	10.2	15.2	

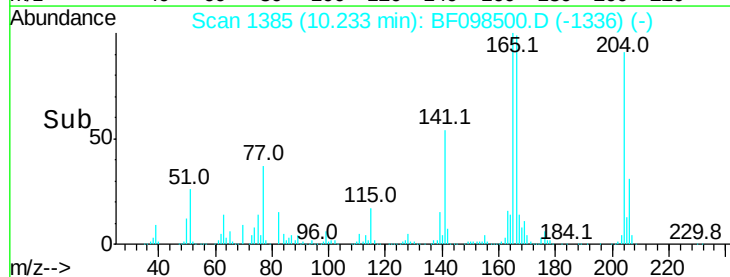
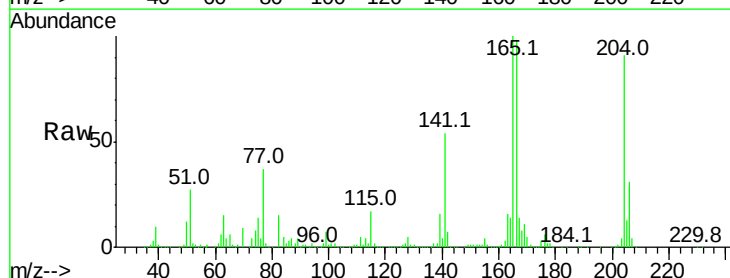
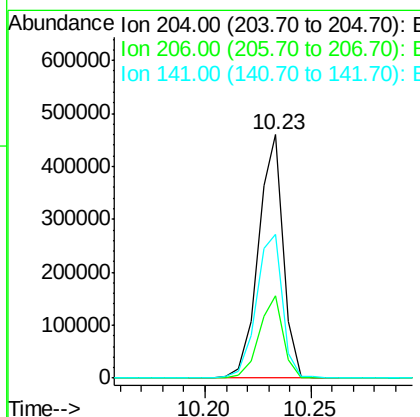
Manual Integrations
APPROVED

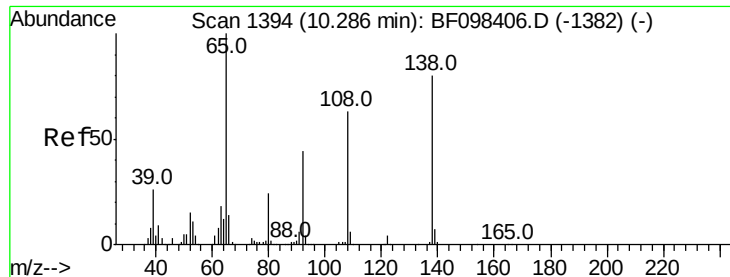
Sohil
9/14/2017 5:52:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.096 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	375775		
206	34.0	26.2	39.2	
141	59.3	60.8	91.2#	





#61

4-Nitroaniline

Concen: 35.670 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

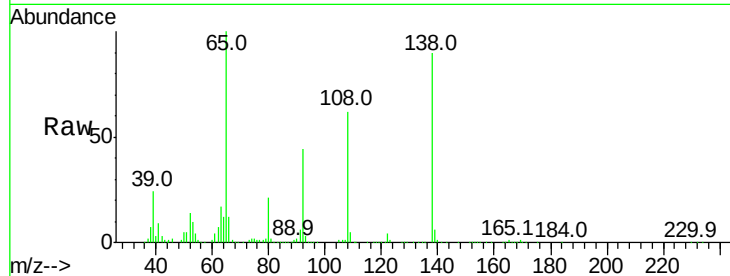
ClientSampled :

G-6-2MS

Tot Ion:	138	Resp:	212960
Ion Ratio	Lower	Upper	
138	100		
92	49.5	21.8	61.8
108	68.8	42.3	82.3

Manual Integrations
APPROVED

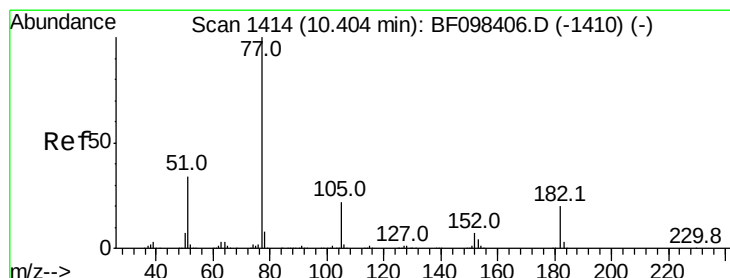
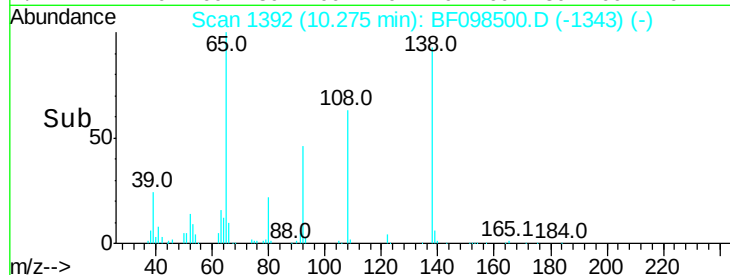
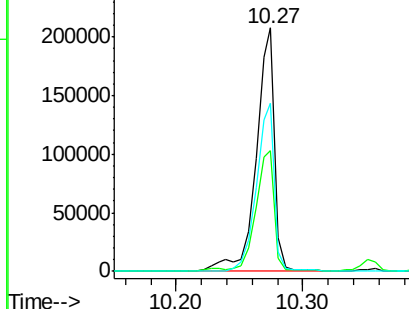
Sohil
9/14/2017 5:52:43 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.753 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

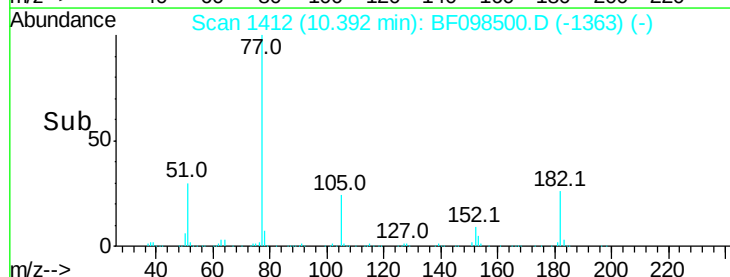
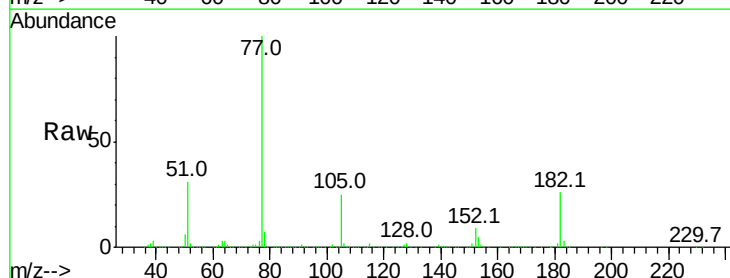
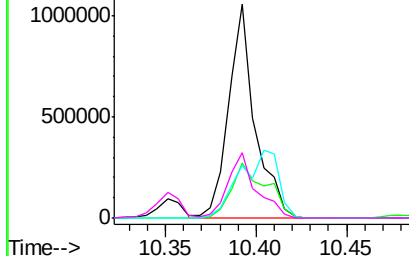
Tgt Ion:	77	Resp:	1069212
Ion Ratio	Lower	Upper	
77	100		
182	25.7	0.1	40.1
105	24.6	3.6	43.6
51	30.6	9.4	49.4

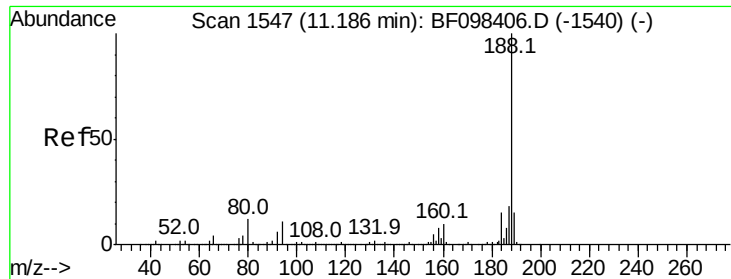
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

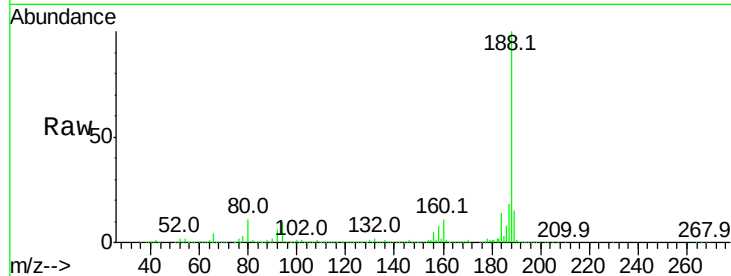
ClientSampleId :

G-6-2MS

Tot Ion:188	Resp: 485861
Ion Ratio	Lower Upper
188 100	
94 9.8	9.4 14.2
80 10.6	10.2 15.2

Manual Integrations
APPROVED

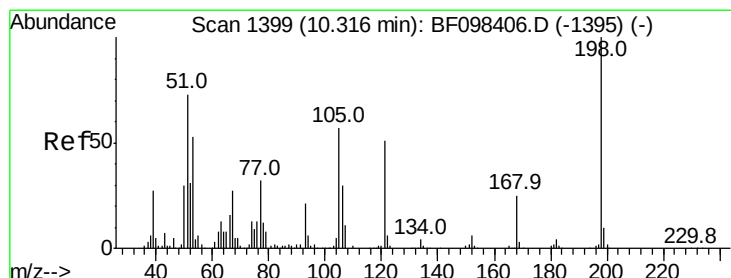
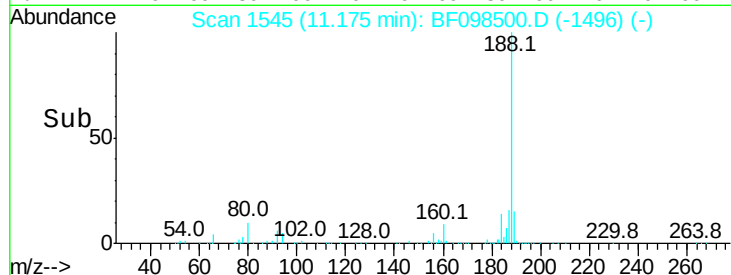
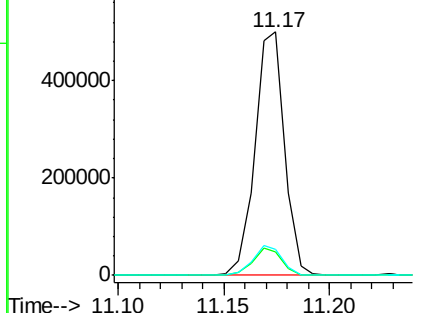
Sohil
9/14/2017 5:52:43 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.974 ng

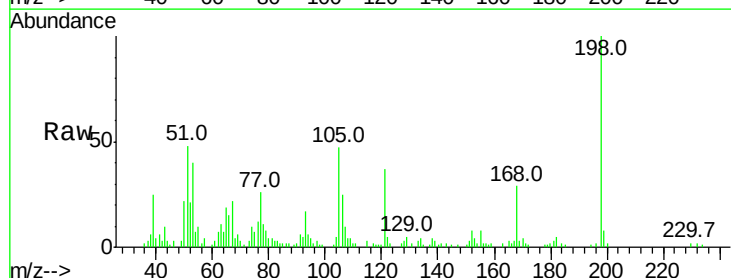
RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

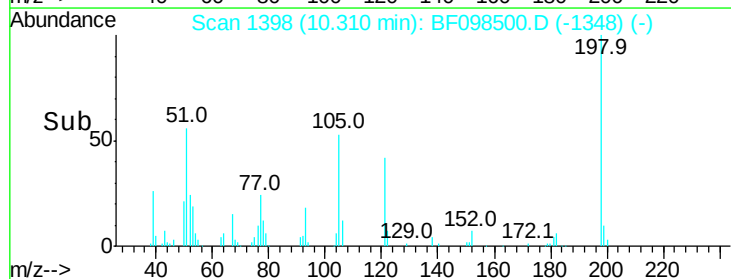
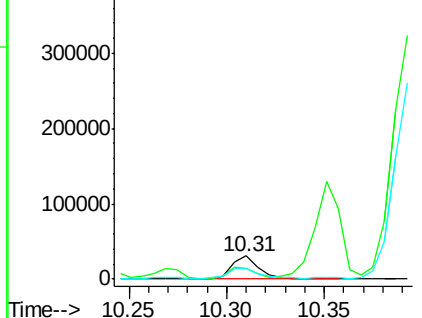
Tgt Ion:198	Resp: 29946
Ion Ratio	Lower Upper
198 100	
51 48.0	53.2 93.2#
105 46.5	45.8 85.8

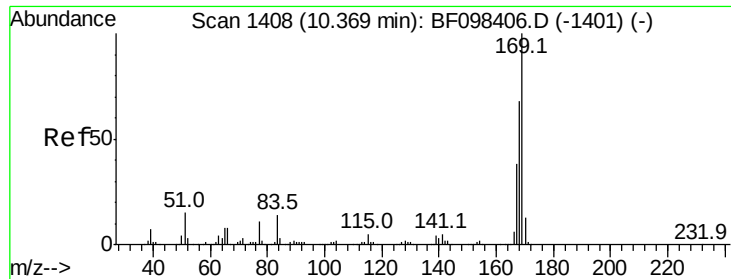


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





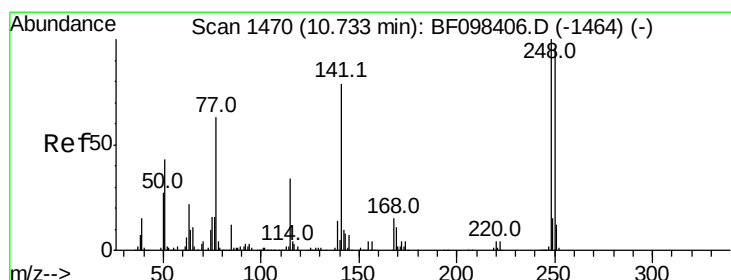
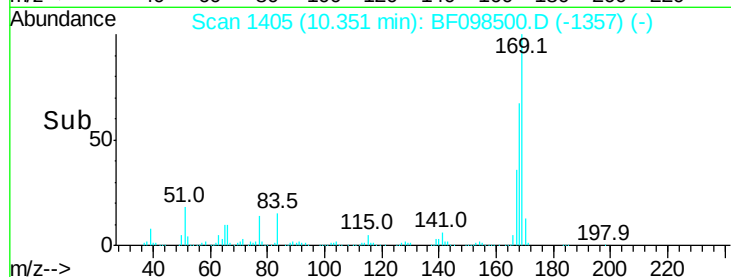
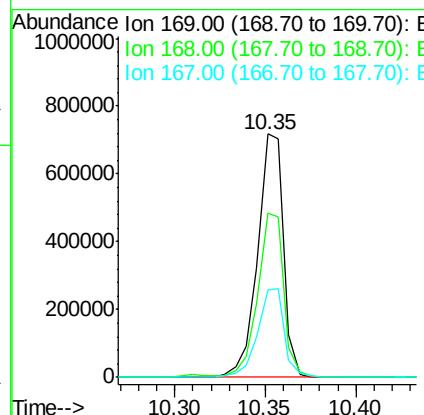
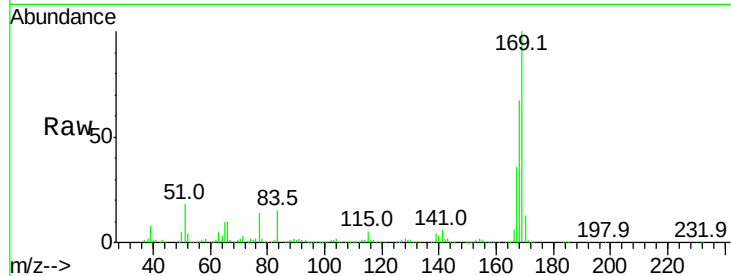
#65
n-Nitrosodiphenylamine
Concen: 44.966 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	709398		
168	67.2	53.2	79.8	
167	36.1	29.5	44.3	

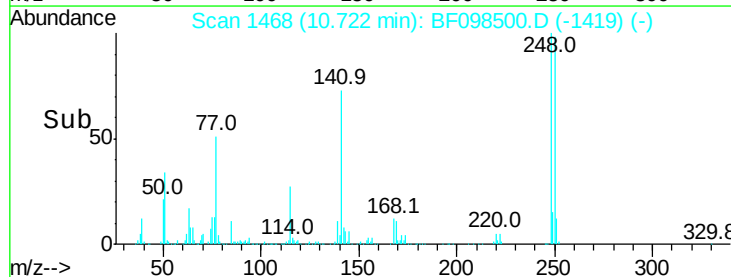
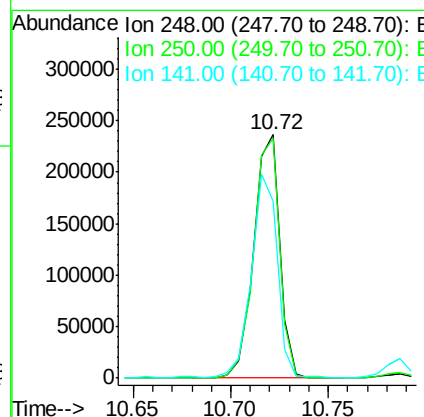
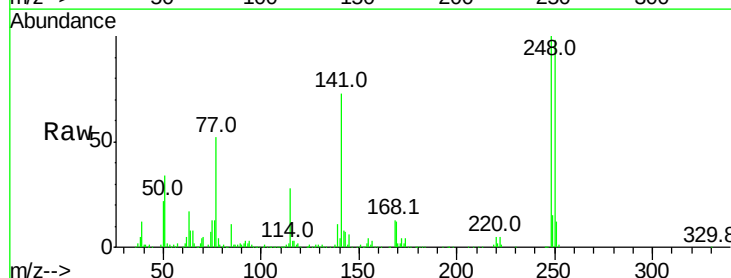
Manual Integrations
APPROVED

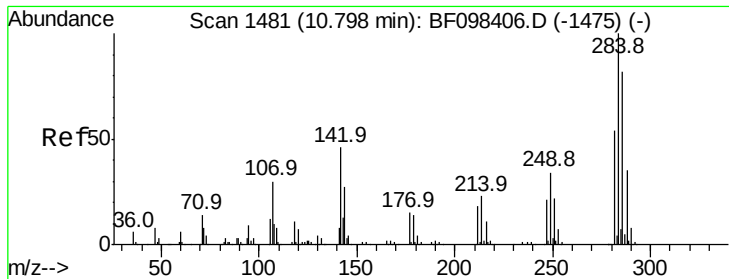
Sohil
9/14/2017 5:52:43 PM



#66
4-Bromophenyl-phenylether
Concen: 47.349 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218337		
250	98.4	76.8	115.2	
141	72.7	68.6	103.0	





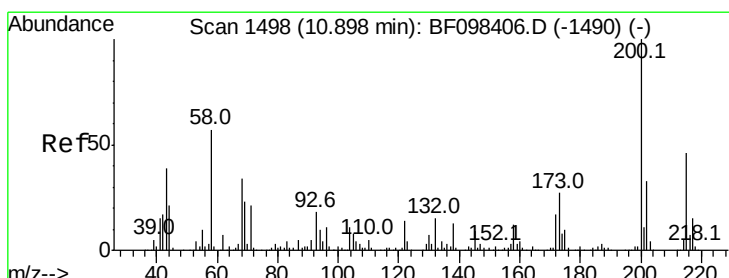
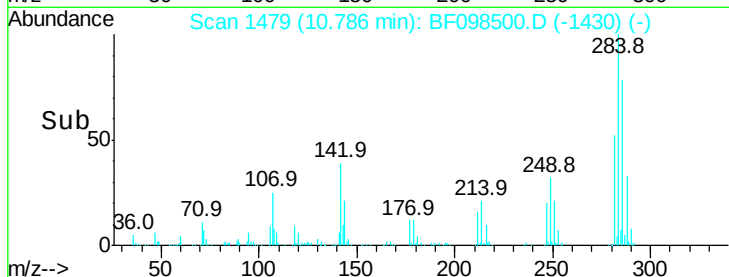
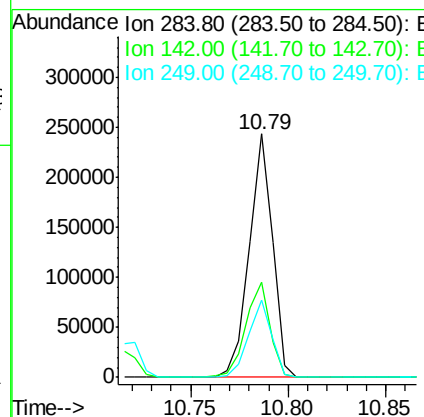
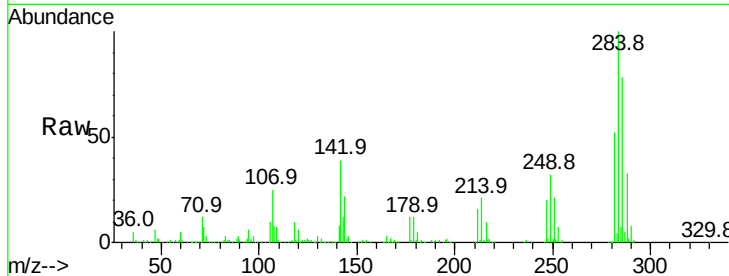
#67
Hexachlorobenzene
Concen: 43.168 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	201914		
142	39.1	22.8	34.2	#
249	31.6	24.0	36.0	

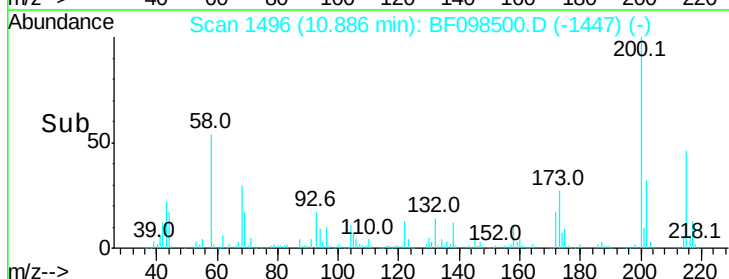
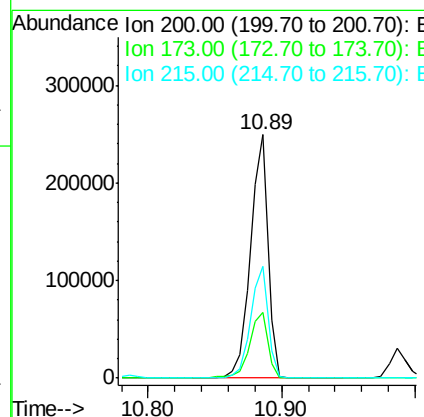
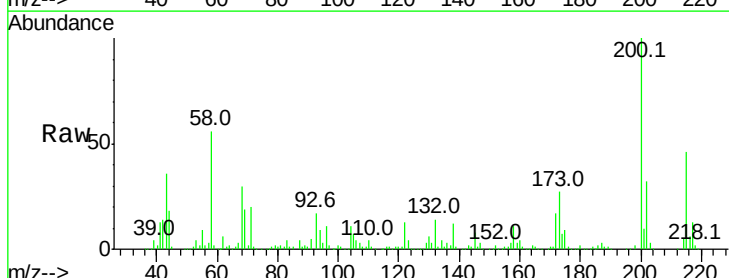
Manual Integrations
APPROVED

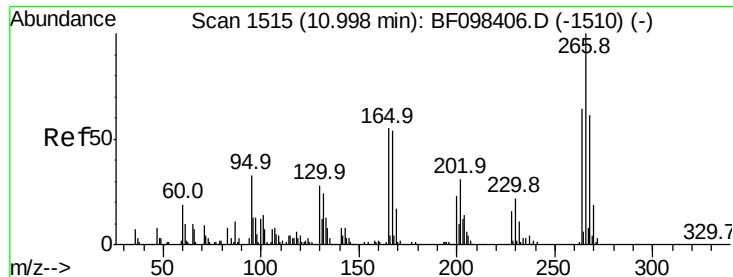
Sohil
9/14/2017 5:52:43 PM



#68
Atrazine
Concen: 46.193 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	224353		
173	27.1	6.3	46.3	
215	45.8	27.2	67.2	





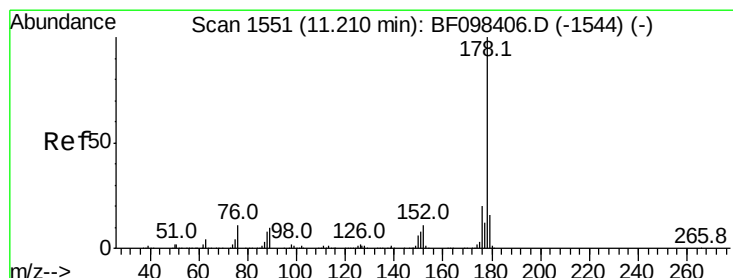
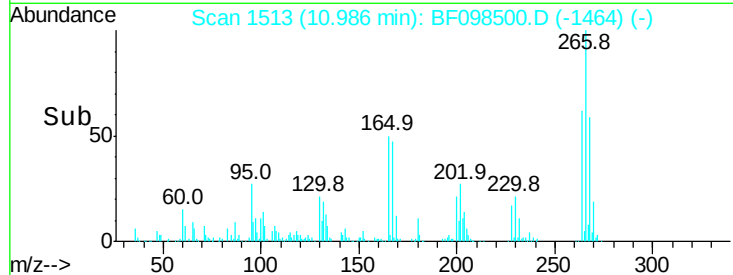
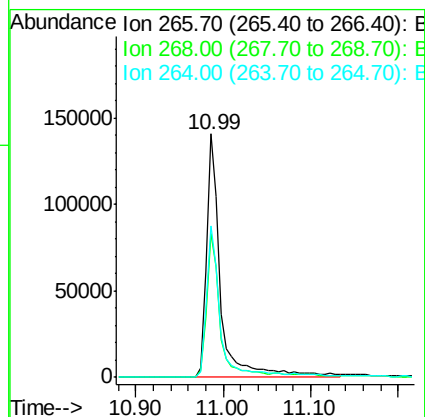
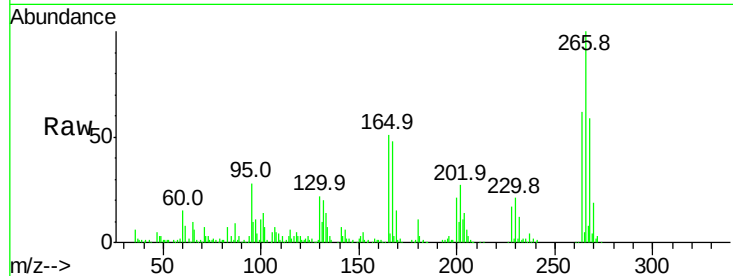
#69
 Pentachlorophenol
 Concen: 77.557 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampled :
 G-6-2MS

Tot Ion:	266	Resp:	160101
Ion Ratio		Lower	Upper
266	100		
268	59.0	51.1	76.7
264	62.4	51.7	77.5

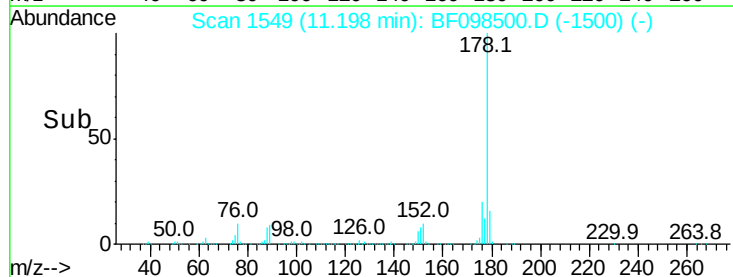
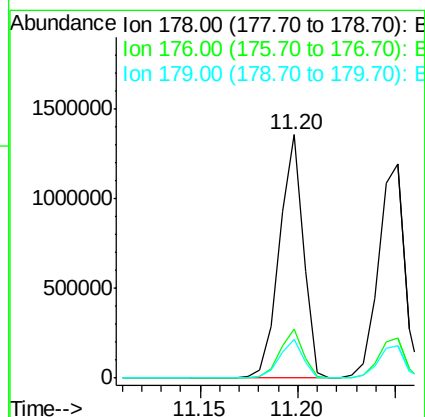
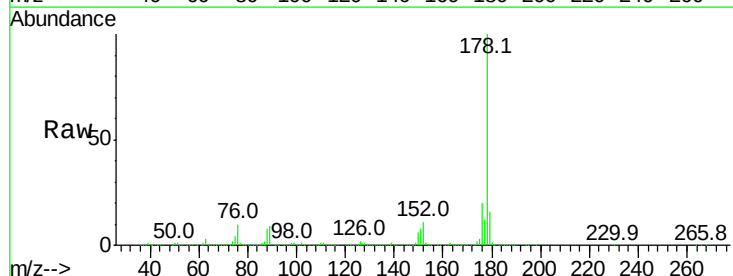
Manual Integrations
 APPROVED

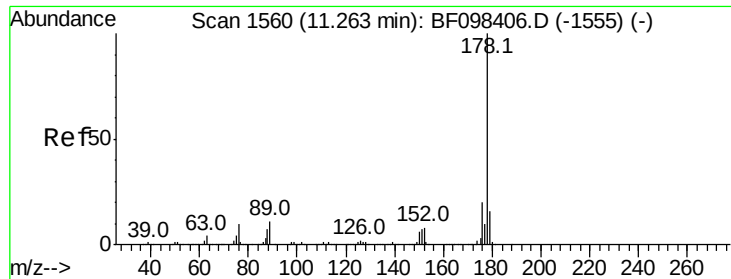
Sohil
 9/14/2017 5:52:43 PM



#70
 Phenanthrene
 Concen: 44.771 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion:	178	Resp:	1153161
Ion Ratio		Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.9	12.6	19.0





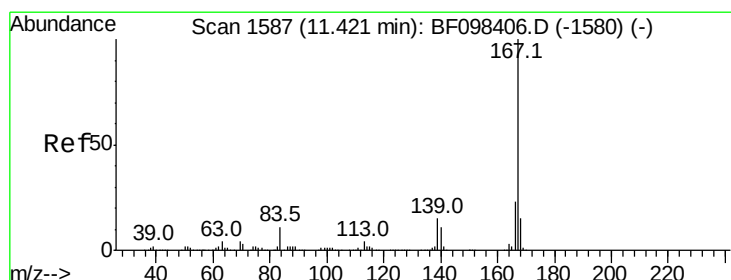
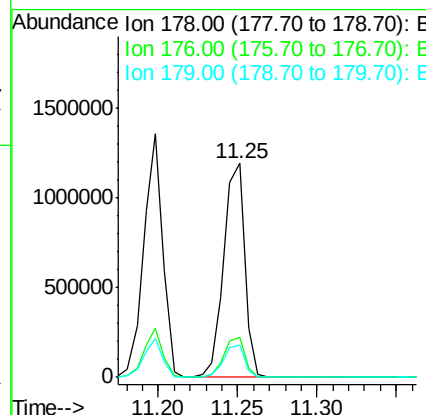
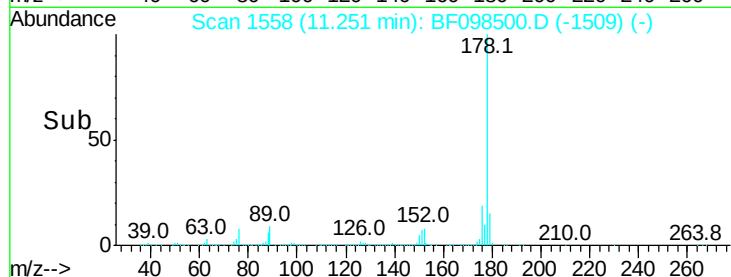
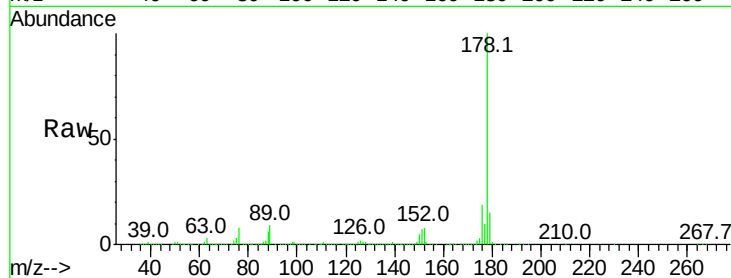
#71
 Anthracene
 Concen: 41.661 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	12.7	19.1

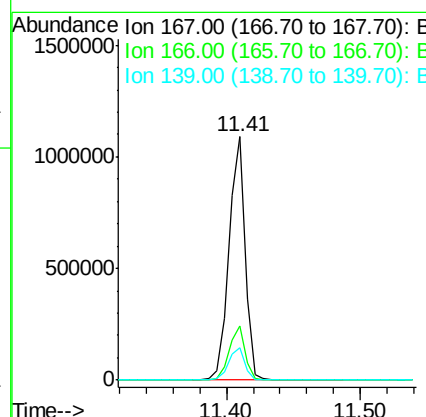
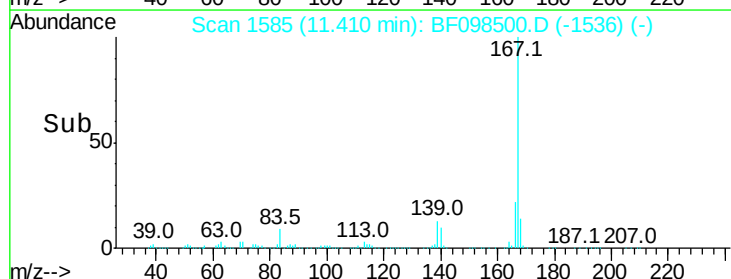
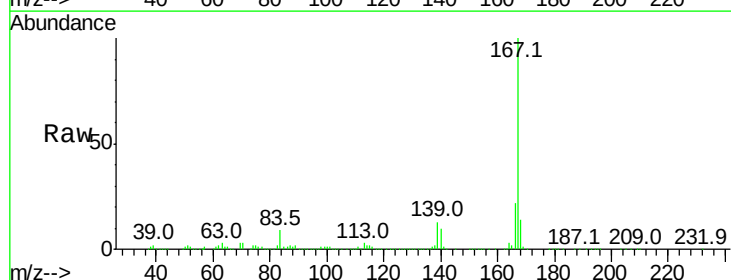
Manual Integrations
 APPROVED

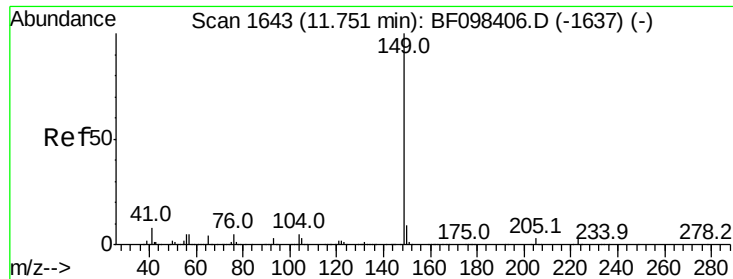
Sohil
 9/14/2017 5:52:43 PM



#72
 Carbazole
 Concen: 37.787 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.288 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampled :

G-6-2MS

Tot Ion:149 Resp: 1278245

Ion Ratio Lower Upper

149 100

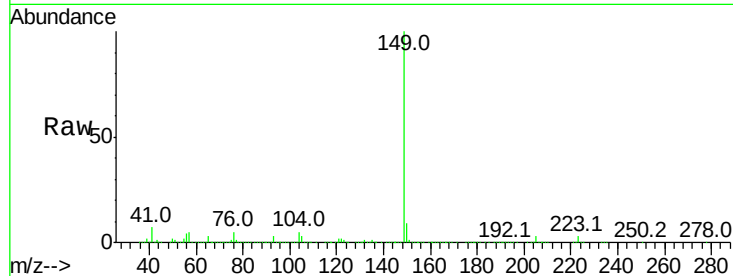
150 9.3 7.7 11.5

104 4.7 4.0 6.0

Manual Integrations
APPROVED

Sohil

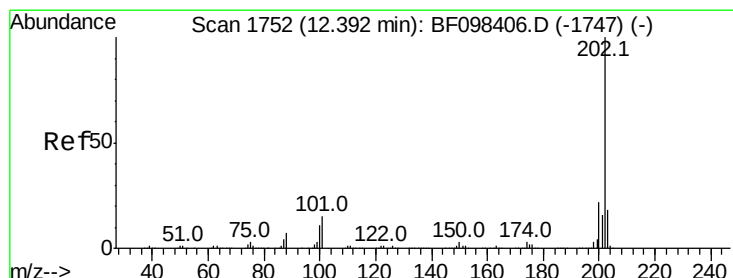
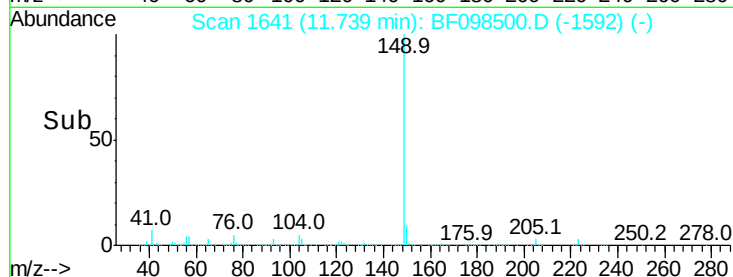
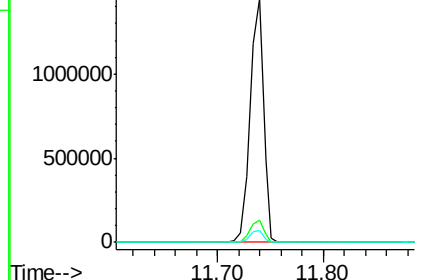
9/14/2017 5:52:43 PM



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: 42.372 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

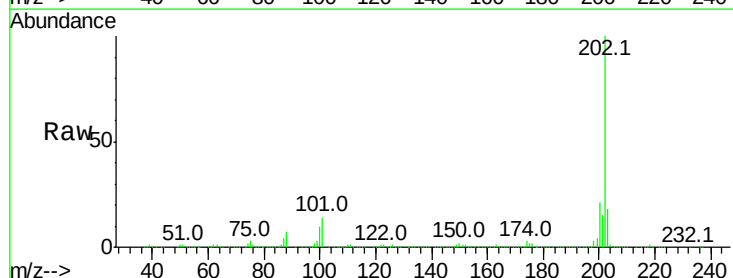
Tgt Ion:202 Resp: 1092535

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

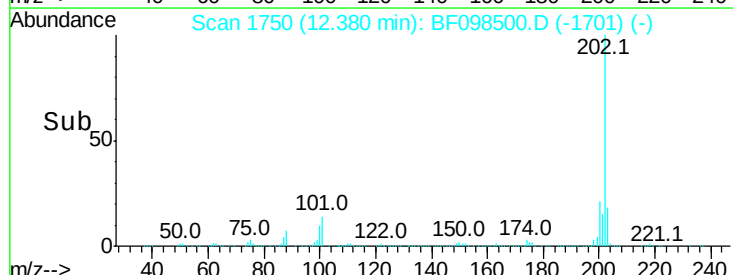
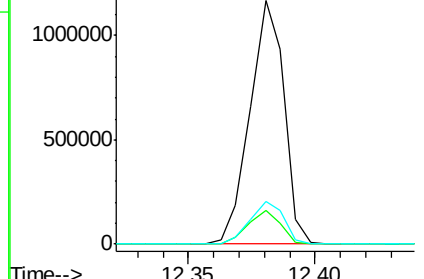
203 17.6 0.0 38.1

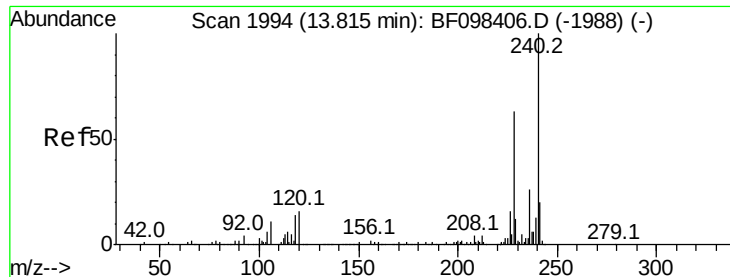


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampleId :

G-6-2MS

Tot Ion:240 Resp: 326057
Ion Ratio Lower Upper

240 100

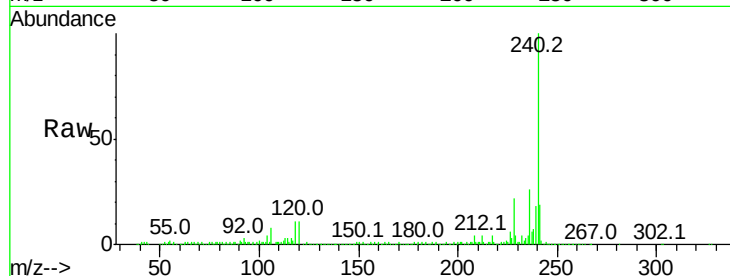
120 11.0 5.8 8.8#

236 25.7 20.5 30.7

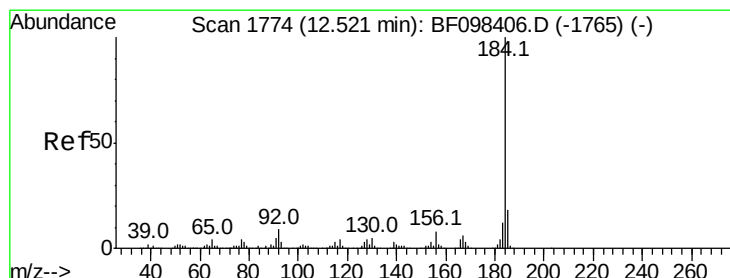
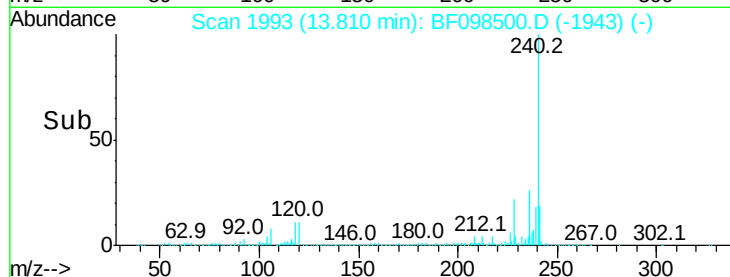
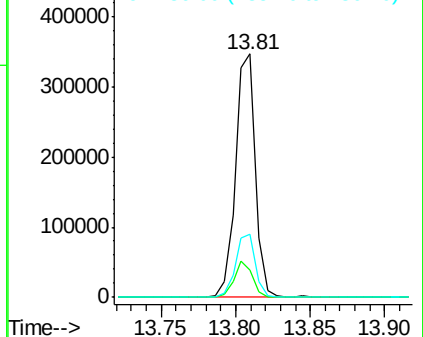
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.995 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF098500.D

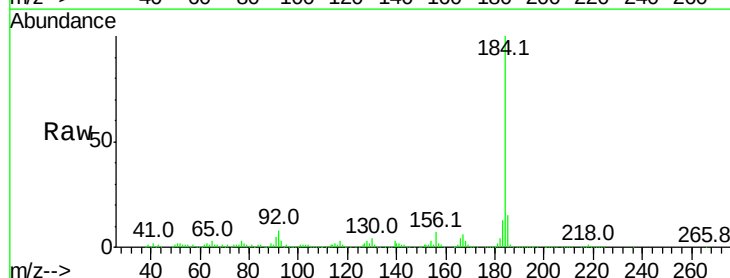
Acq: 13 Sep 2017 20:13

Tgt Ion:184 Resp: 331822
Ion Ratio Lower Upper

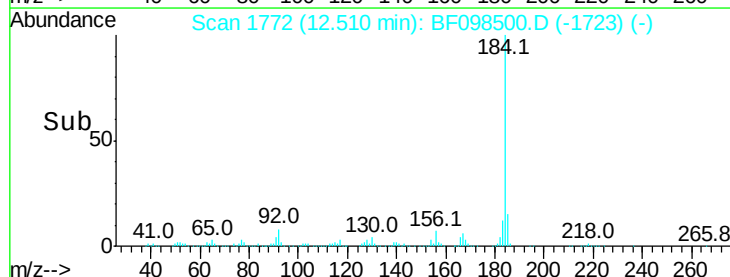
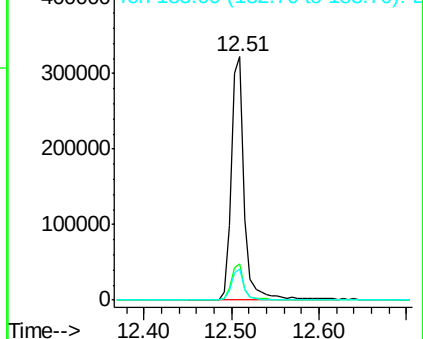
184 100

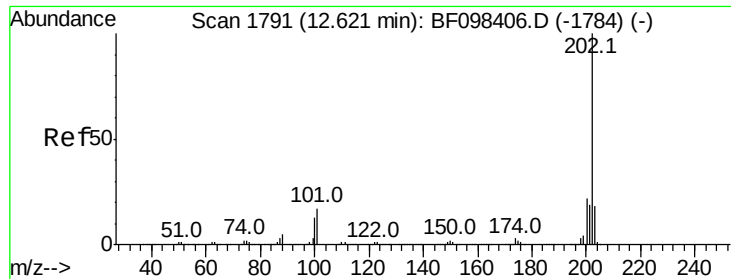
185 14.6 15.5 23.3#

183 12.6 9.8 14.6



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





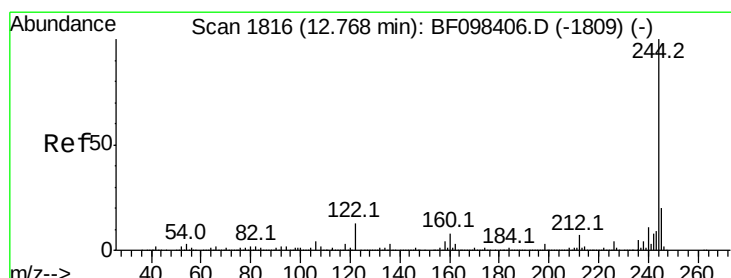
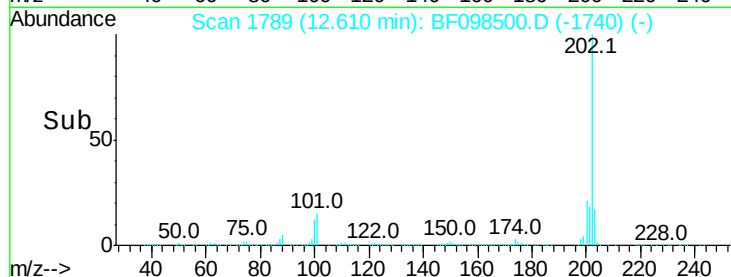
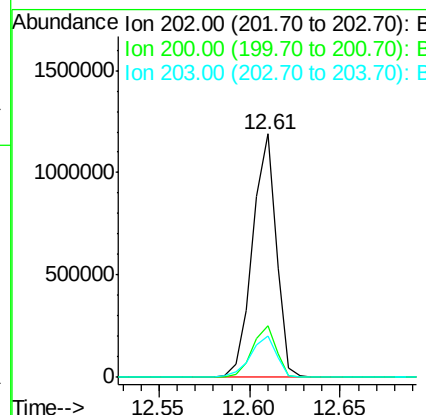
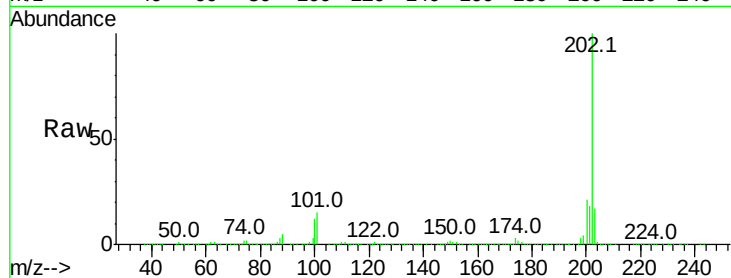
#77
Pvrene
Concen: 41.965 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.2	14.4	21.6

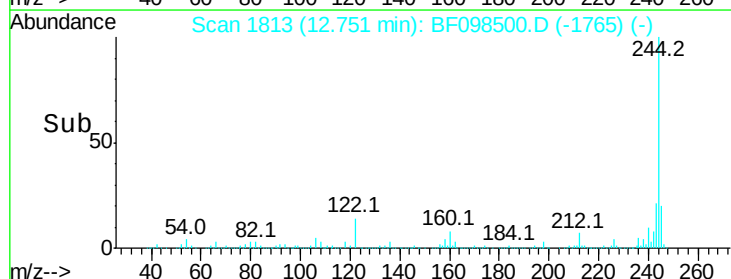
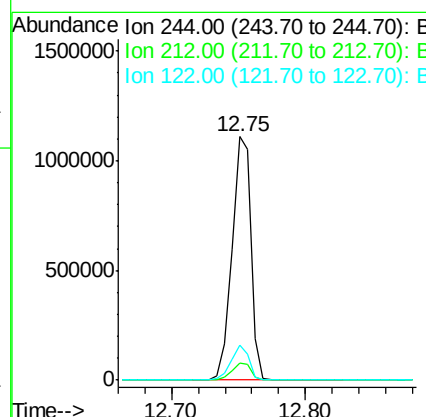
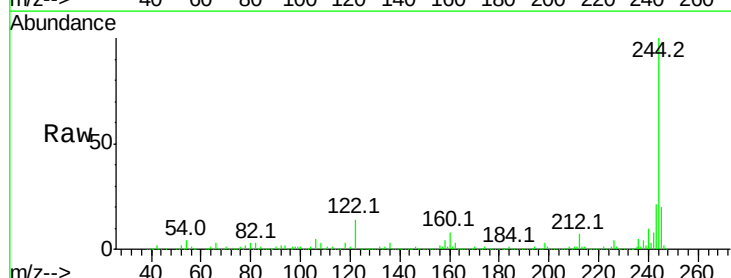
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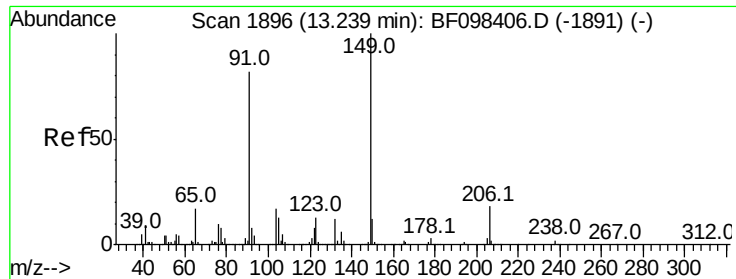
Sohil
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#78
Terphenyl-d14
Concen: 73.918 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.5	10.3	15.5





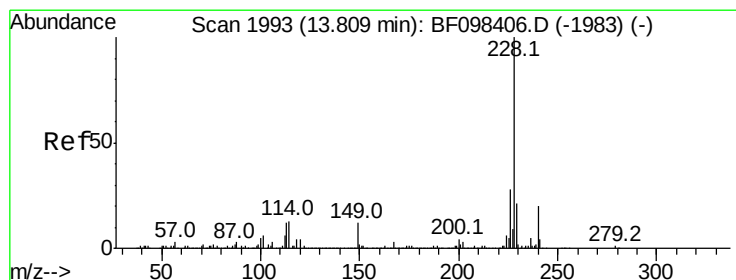
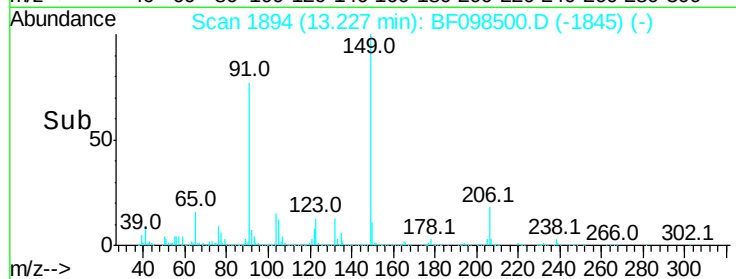
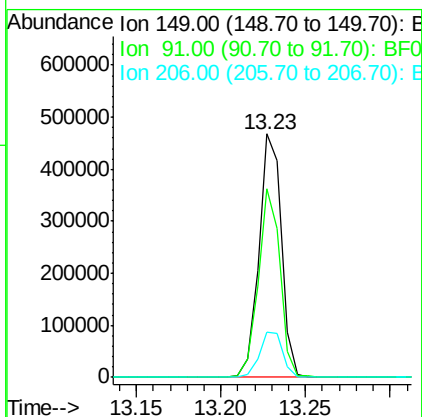
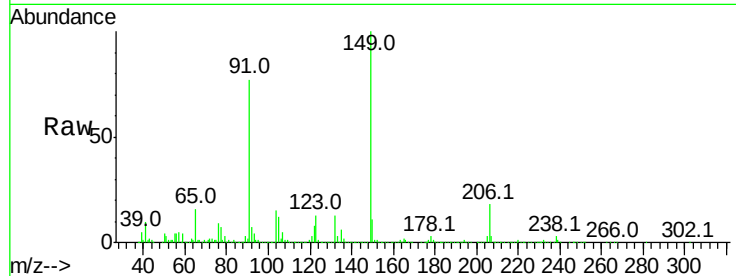
#79
Butylbenzylphthalate
Concen: 38.463 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	429191		
91	77.5	45.0	67.4#	
206	18.5	17.0	25.6	

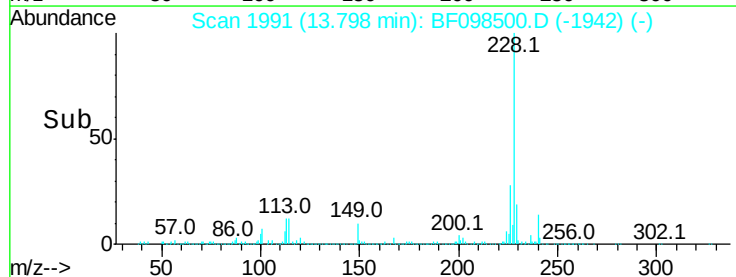
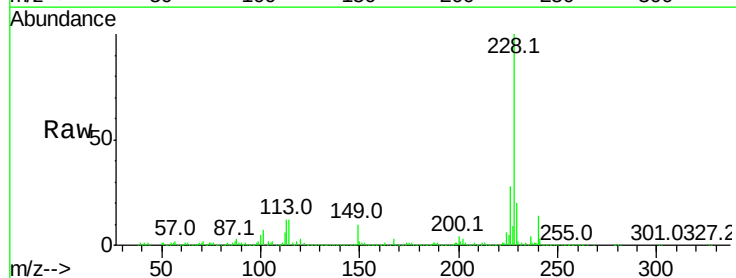
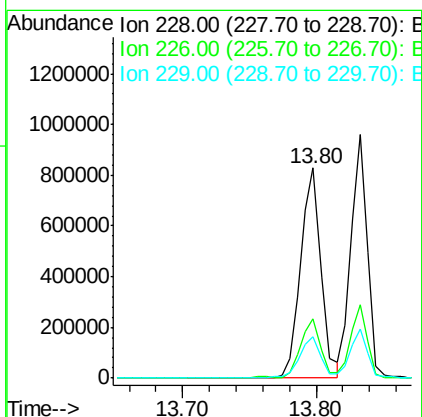
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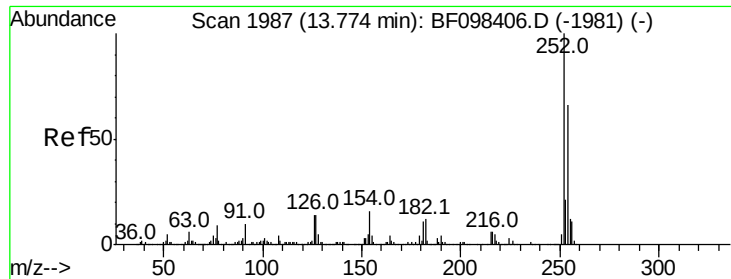
Sohil
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#80
Benzo(a)anthracene
Concen: 45.083 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	861811		
226	28.2	22.6	33.8	
229	19.6	16.3	24.5	





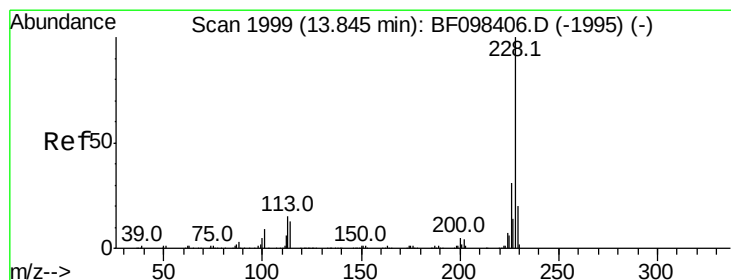
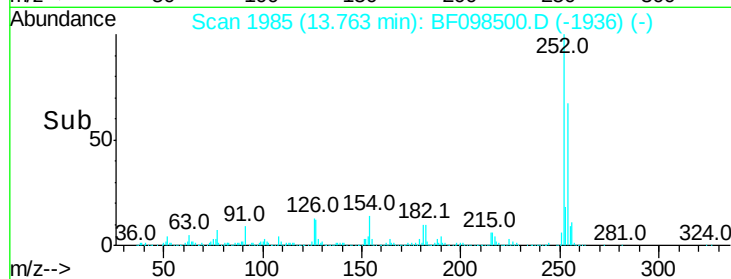
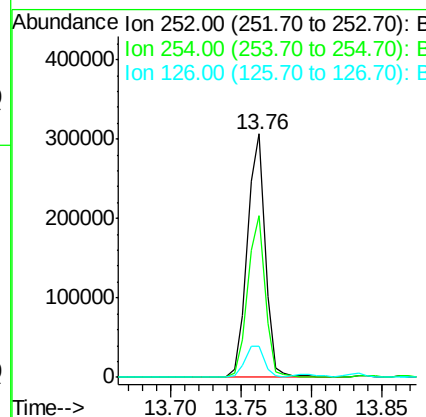
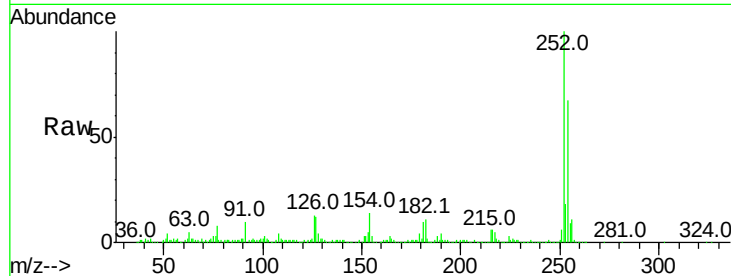
#81
 3,3'-Dichlorobenzidine
 Concen: 36.713 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	272738		
254	66.6	51.5	77.3	
126	13.0	15.8	23.8	

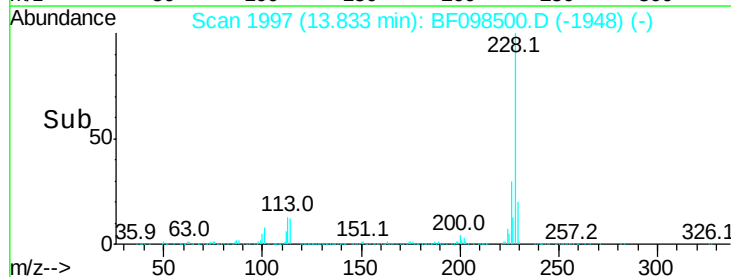
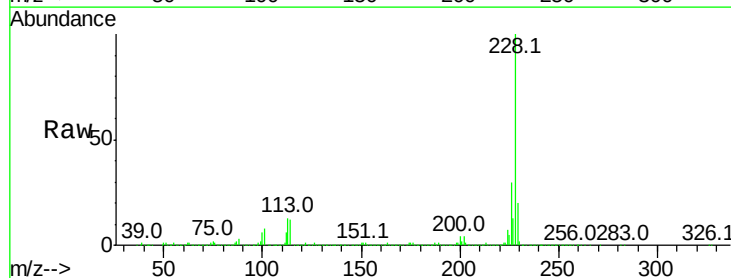
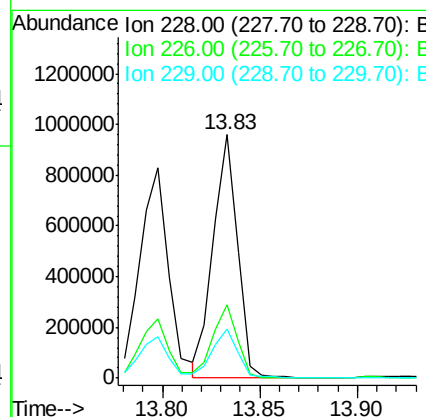
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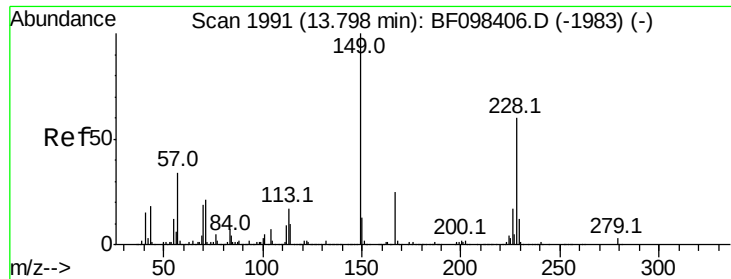
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#82
 Chrysene
 Concen: 42.935 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	829641		
226	30.3	24.9	37.3	
229	19.9	15.8	23.6	





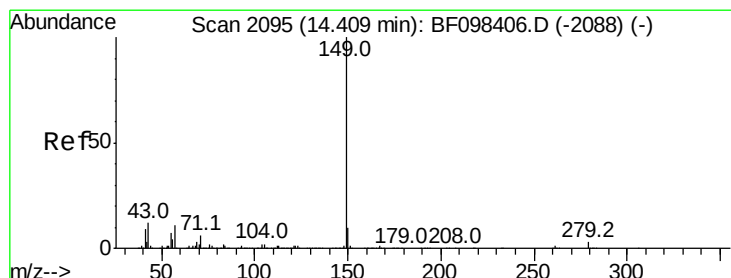
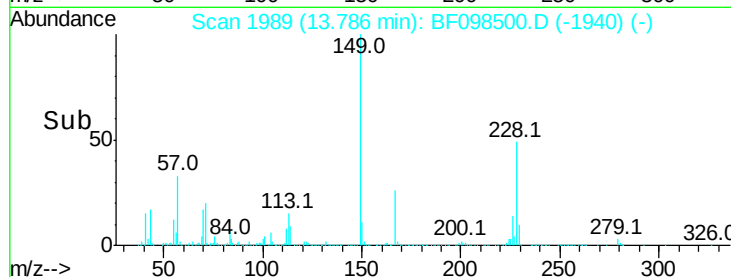
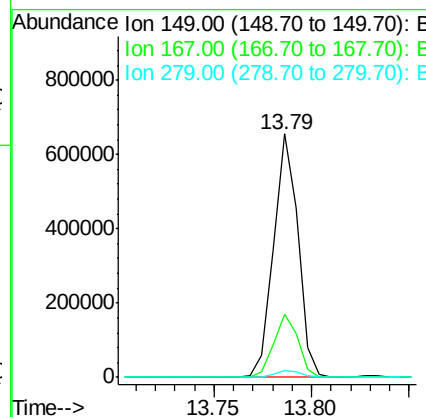
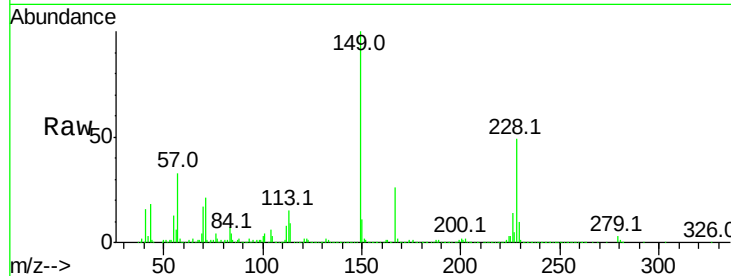
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.433 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	566246		
167	26.1		21.0	31.4
279	2.7		1.9	2.9

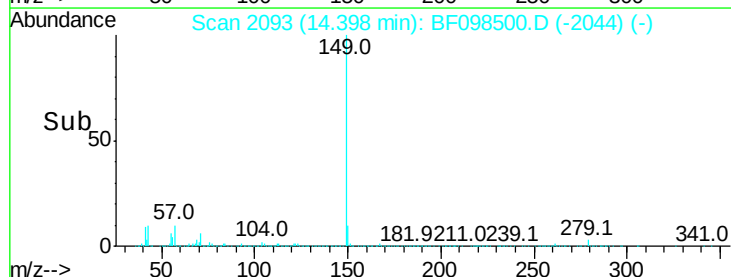
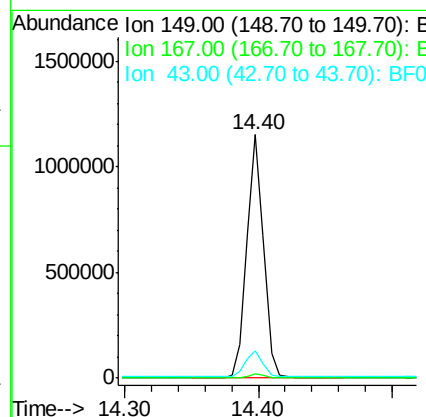
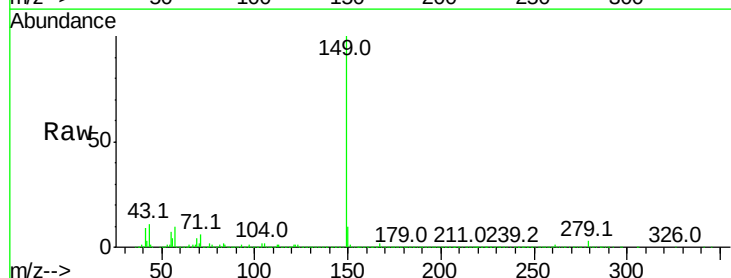
Manual Integrations
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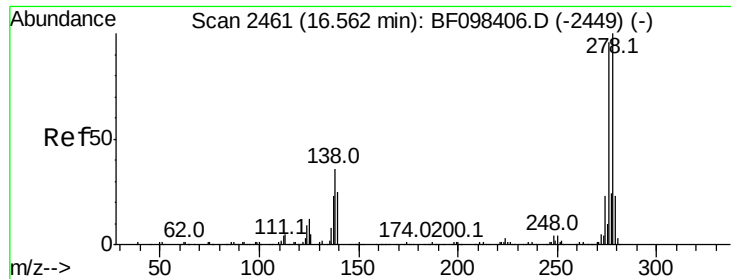
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#84
 Di-n-octyl phthalate
 Concen: 41.445 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098500.D
 Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	995817		
167	1.6		1.2	1.8
43	11.3		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.139 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampleId :

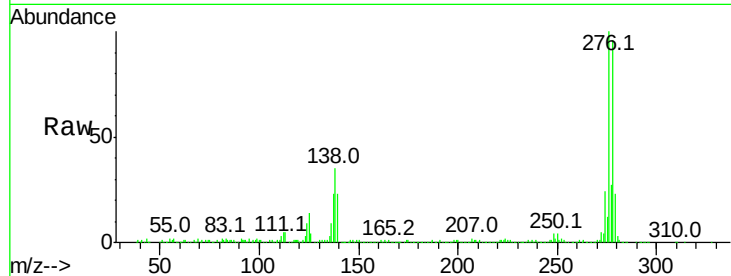
G-6-2MS

Tot Ion:	276	Resp:	611944
Ion Ratio		Lower	Upper
276	100		
138	33.3	27.8	41.6
277	25.4	20.2	30.4

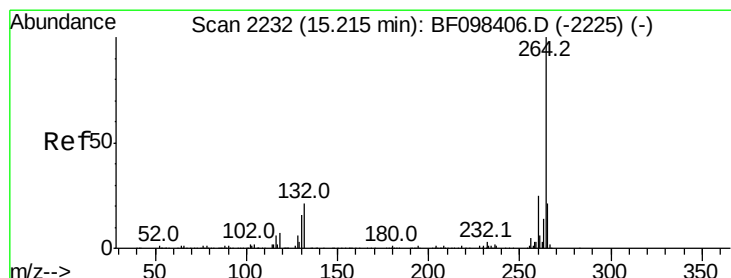
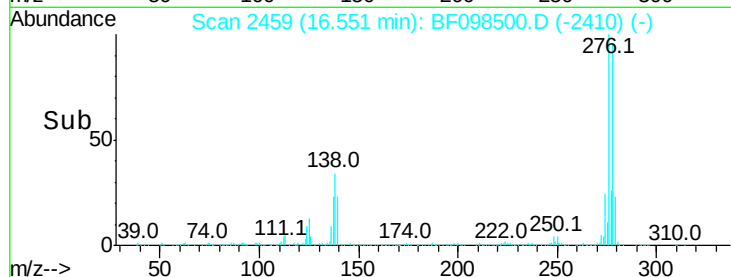
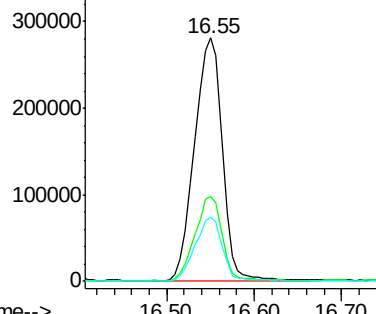
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

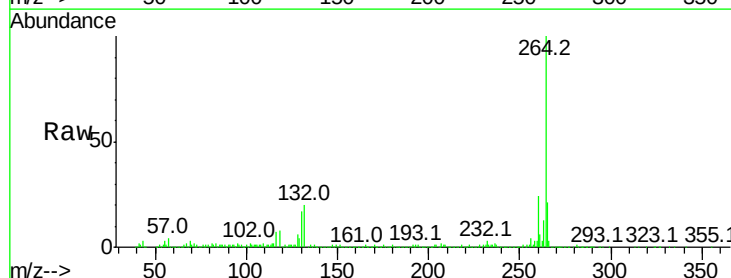
RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

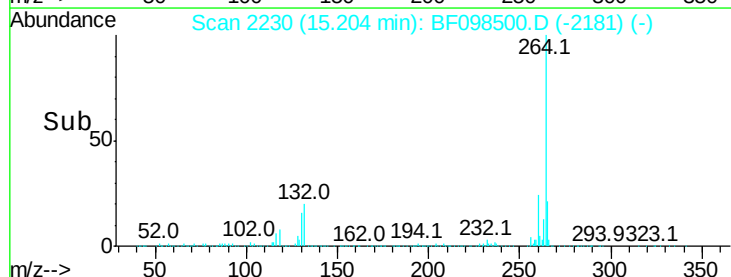
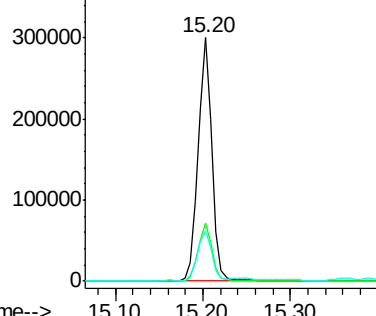
Lab File: BF098500.D

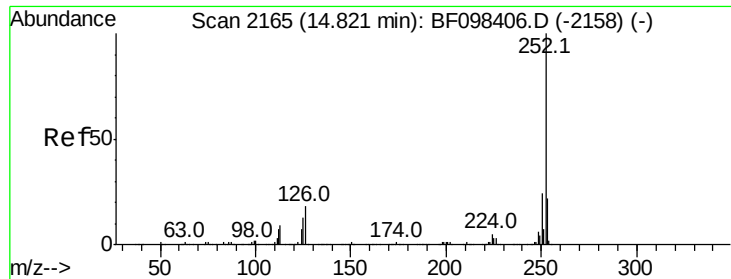
Acq: 13 Sep 2017 20:13

Tgt Ion:	264	Resp:	327090
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





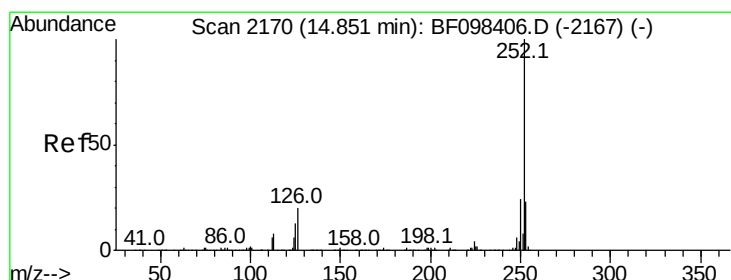
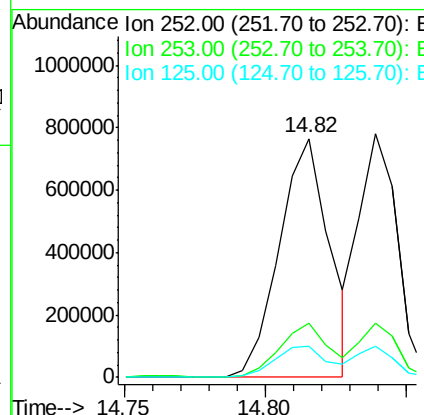
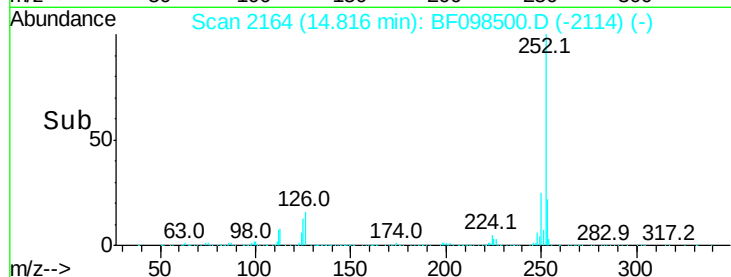
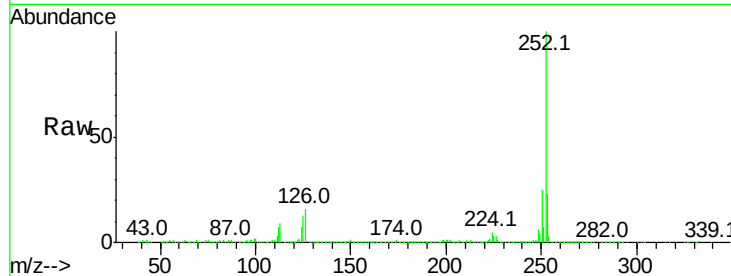
#87
Benzo(b)fluoranthene
Concen: 45.752 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampled :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	940967		
253	22.5		18.1	27.1
125	13.1		9.8	14.8

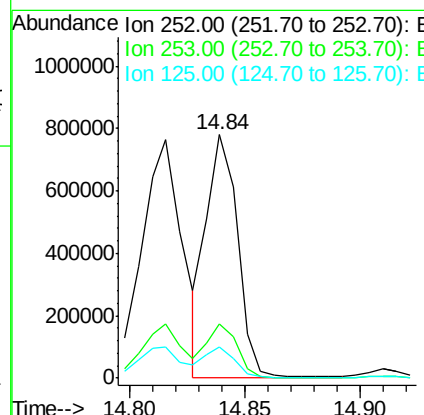
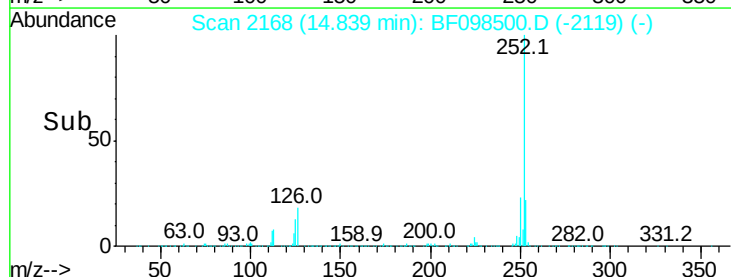
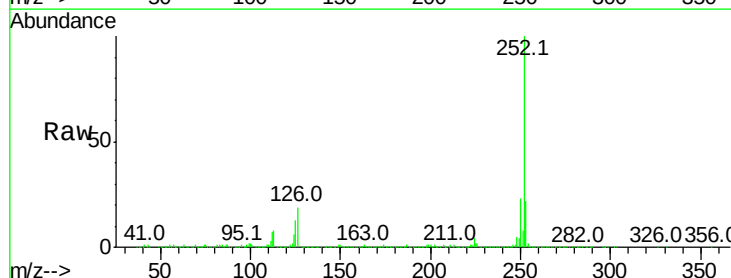
Manual Integrations
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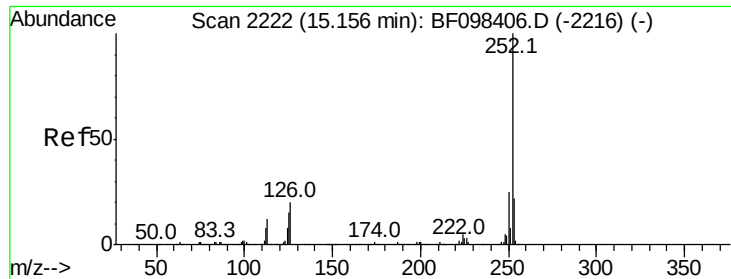
Sohil
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#88
Benzo(k)fluoranthene
Concen: 38.397 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	737228		
253	22.5		18.4	27.6
125	12.9		13.1	19.7#





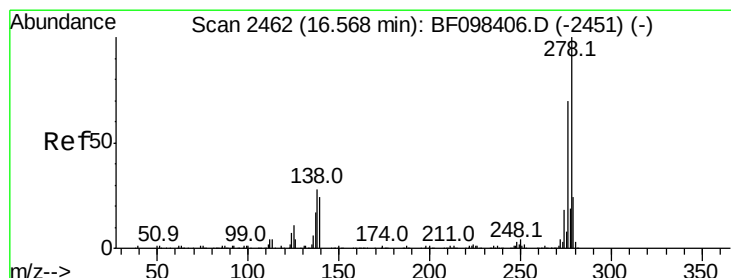
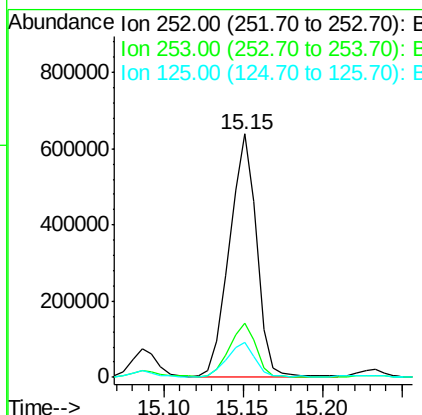
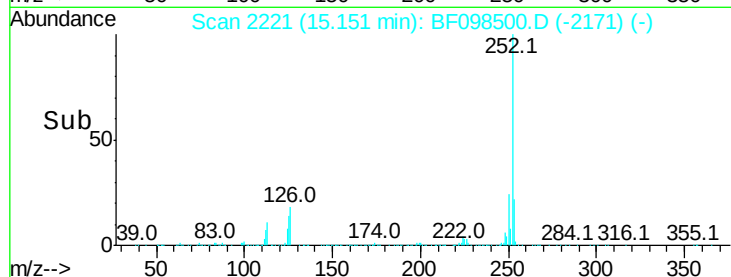
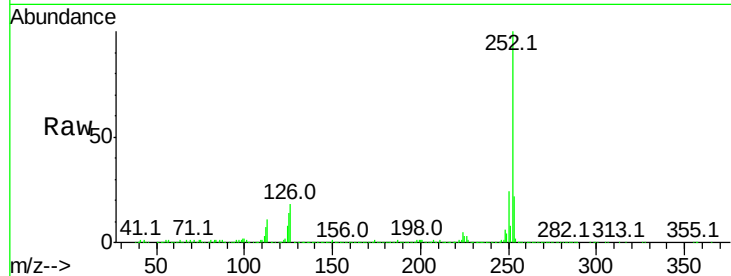
#89
Benzo(a)pyrene
Concen: 41.224 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Instrument :
BNA_F
ClientSampleId :
G-6-2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	755330		
253	22.0		17.5	26.3
125	14.2		11.0	16.4

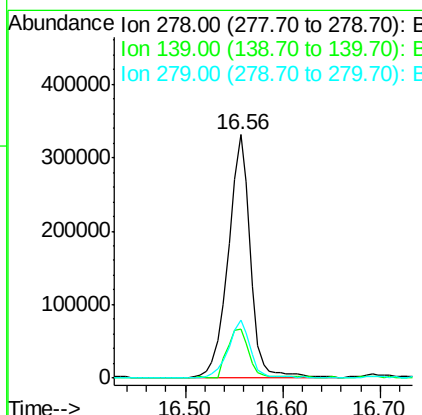
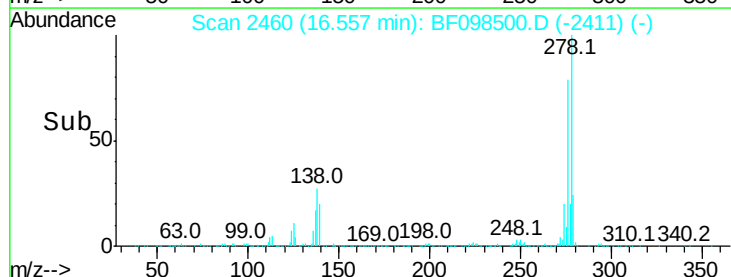
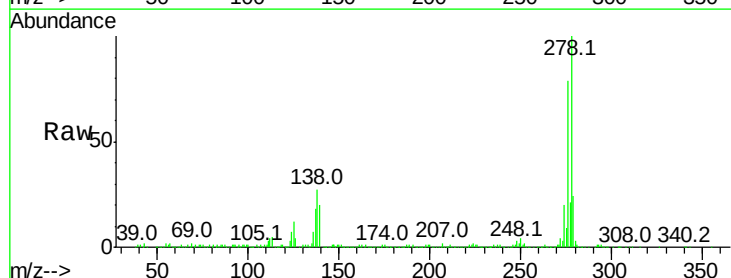
Manual Integrations
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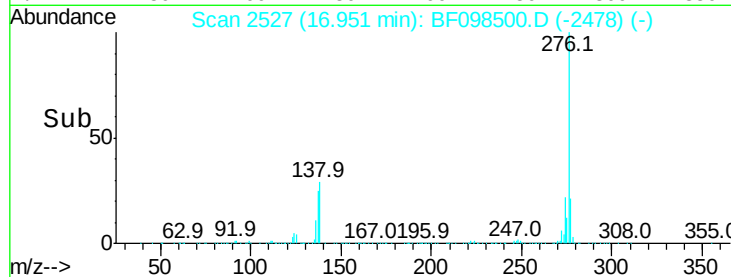
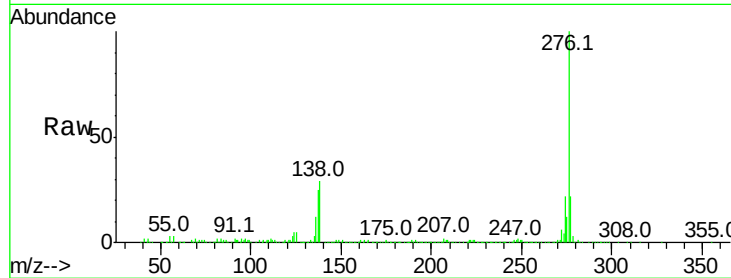
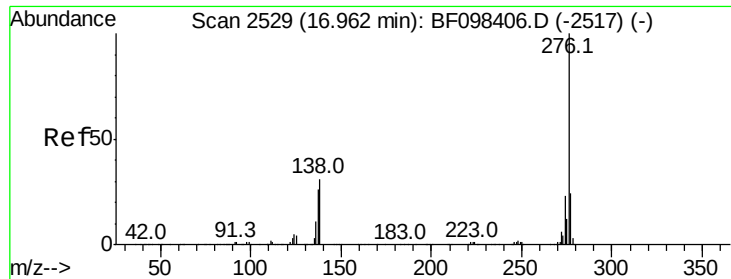
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.753 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098500.D
Acq: 13 Sep 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	516526		
139	20.0		16.6	24.8
279	23.8		19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 36.206 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF098500.D

Acq: 13 Sep 2017 20:13

Instrument :

BNA_F

ClientSampleId :

G-6-2MS

Tot Ion:	276	Resp:	485371
Ion Ratio	Lower	Upper	
276	100		
277	21.7	18.6	28.0
138	28.8	25.4	38.0

Manual Integrations
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