

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098471.D
 Acq On : 13 Sep 2017 00:57
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:25 PM

Quant Time: Sep 13 02:45:49 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	178904	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	702134	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	263625	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	403788	20.00	ng	0.00
75) Chrysene-d12	13.81	240	328300	20.00	ng	0.00
86) Perylene-d12	15.21	264	260383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	976990	80.74	ng	0.00
7) Phenol-d6	6.32	99	1162163	75.65	ng	0.00
23) Nitrobenzene-d5	7.24	82	972854	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	142385	80.92	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1458880	93.80	ng	0.00
78) Terphenyl-d14	12.76	244	1109848	72.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	235361	37.686	ng	88
3) Pyridine	2.96	79	639058	38.531	ng	# 85
4) n-Nitrosodimethylamine	2.92	42	289556	35.611	ng	95
6) Aniline	6.33	93	705878	36.624	ng	# 35
8) 2-Chlorophenol	6.45	128	522345	39.258	ng	92
9) Benzaldehyde	6.22	77	380154	37.853	ng	96
10) Phenol	6.33	94	672776	37.702	ng	# 72
11) bis(2-Chloroethyl)ether	6.40	93	507509	37.721	ng	93
12) 1,3-Dichlorobenzene	6.60	146	533562	39.841	ng	97
13) 1,4-Dichlorobenzene	6.68	146	536047	39.077	ng	94
14) 1,2-Dichlorobenzene	6.83	146	489888	39.198	ng	99
15) Benzyl Alcohol	6.82	79	376058	36.780	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	797179	36.011	ng	88
17) 2-Methylphenol	6.94	107	404901	37.319	ng	# 91
18) Hexachloroethane	7.17	117	153572	29.232	ng	88
19) n-Nitroso-di-n-propylamine	7.09	70	349058	36.121	ng	97
20) 3+4-Methylphenols	7.09	107	524796	38.329	ng	# 71
22) Acetophenone	7.08	105	722793	39.830	ng	# 91
24) Nitrobenzene	7.26	77	553103	38.555	ng	95
25) Isophorone	7.49	82	945902	37.121	ng	99
26) 2-Nitrophenol	7.57	139	226231	39.057	ng	# 82
27) 2,4-Dimethylphenol	7.62	122	428320	38.791	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	608601	39.142	ng	99
29) 2,4-Dichlorophenol	7.82	162	374666	40.799	ng	95
30) 1,2,4-Trichlorobenzene	7.89	180	406922	40.735	ng	99
31) Naphthalene	7.97	128	1341186	38.639	ng	100
32) Benzoic acid	7.75	122	229557	33.816	ng	97
33) 4-Chloroaniline	8.03	127	546404	38.734	ng	98
34) Hexachlorobutadiene	8.09	225	214303	41.788	ng	98
35) Caprolactam	8.40	113	113934	35.979	ng	# 67
36) 4-Chloro-3-methylphenol	8.52	107	416261	36.550	ng	# 83
37) 2-Methylnaphthalene	8.66	142	787386	37.449	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	381313	46.435	ng	99
40) Hexachlorocyclopentadiene	8.81	237	1209	10.272	ng	86

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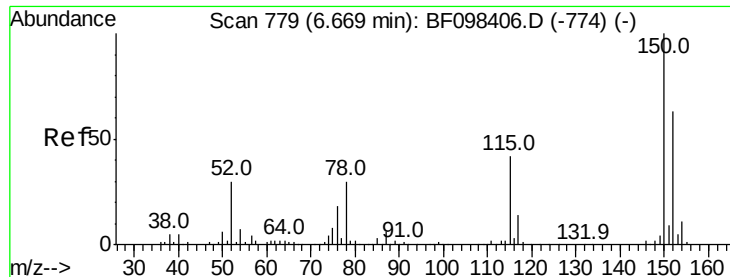
Manual Integrations
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 9/13/2017 5:00:25 PM

Quant Time: Sep 13 02:45:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	228292	47.330	ng	93
43) 2,4,5-Trichlorophenol	8.99	196	223081	44.249	ng	95
45) 1,1'-Biphenyl	9.13	154	1035306	43.876	ng	97
46) 2-Chloronaphthalene	9.15	162	718726	42.650	ng	95
47) 2-Nitroaniline	9.25	65	268264	41.476	ng	93
48) Acenaphthylene	9.56	152	1023194	40.836	ng	98
49) Dimethylphthalate	9.43	163	866294	42.451	ng	99
50) 2,6-Dinitrotoluene	9.49	165	168722	40.251	ng	# 70
51) Acenaphthene	9.73	154	636582	39.968	ng	97
52) 3-Nitroaniline	9.66	138	210098	41.521	ng	99
53) 2,4-Dinitrophenol	9.79	184	3090	9.918	ng	91
54) Dibenzofuran	9.90	168	815298	38.856	ng	99
55) 4-Nitrophenol	9.85	139	102606	35.295	ng	# 56
56) 2,4-Dinitrotoluene	9.90	165	184197	36.145	ng	# 53
57) Fluorene	10.25	166	647981	37.311	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	131401	38.782	ng	98
59) Diethylphthalate	10.12	149	787084	40.556	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	323452	40.322	ng	88
61) 4-Nitroaniline	10.27	138	191307	37.437	ng	89
62) Azobenzene	10.40	77	705931	33.749	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	10547	8.782	ng	87
65) n-Nitrosodiphenylamine	10.36	169	596358	45.485	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	171718	44.808	ng	92
67) Hexachlorobenzene	10.79	284	167141	42.997	ng	# 85
68) Atrazine	10.89	200	161304	39.962	ng	98
69) Pentachlorophenol	10.99	266	64693	41.274	ng	94
70) Phenanthrene	11.20	178	849635	39.691	ng	99
71) Anthracene	11.26	178	873403	39.741	ng	97
72) Carbazole	11.42	167	794655	38.797	ng	98
73) Di-n-butylphthalate	11.74	149	1046978	42.663	ng	99
74) Fluoranthene	12.39	202	851033	39.714	ng	98
76) Benzidine	12.52	184	520037	35.792	ng	95
77) Pyrene	12.62	202	900386	34.766	ng	98
79) Butylbenzylphthalate	13.23	149	420734	37.447	ng	# 73
80) Benzo(a)anthracene	13.80	228	753237	39.134	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	314968	42.108	ng	# 96
82) Chrysene	13.84	228	748736	38.483	ng	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	569940	40.419	ng	98
84) Di-n-octyl phthalate	14.40	149	1068861	44.181	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	523551	38.355	ng	98
87) Benzo(b)fluoranthene	14.82	252	692926	42.323	ng	97
88) Benzo(k)fluoranthene	14.84	252	600624m	39.297	ng	
89) Benzo(a)pyrene	15.16	252	593113	40.664	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	441615	41.621	ng	96
91) Benzo(g,h,i)perylene	16.96	276	422398	39.580	ng	99

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



#1

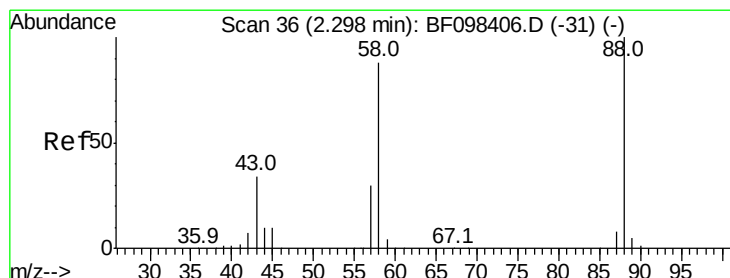
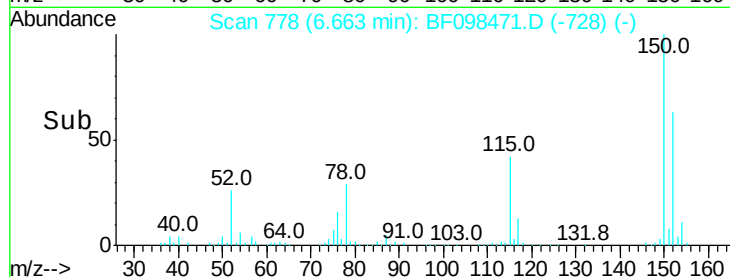
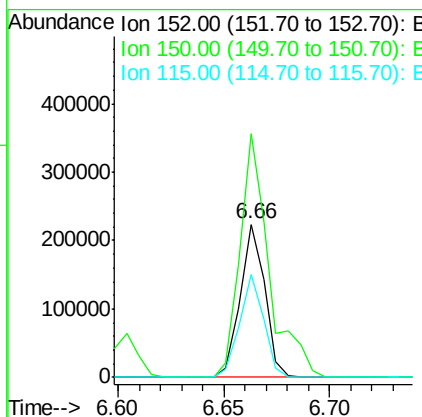
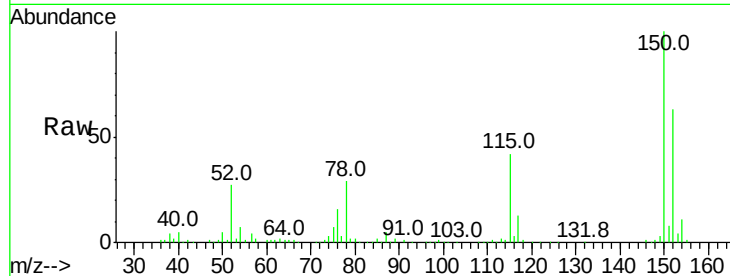
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	66.8	52.2	78.2

Manual Integrations
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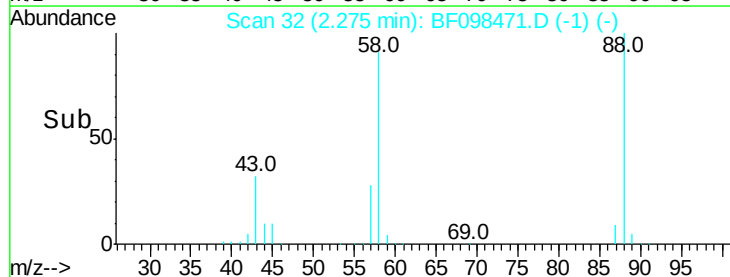
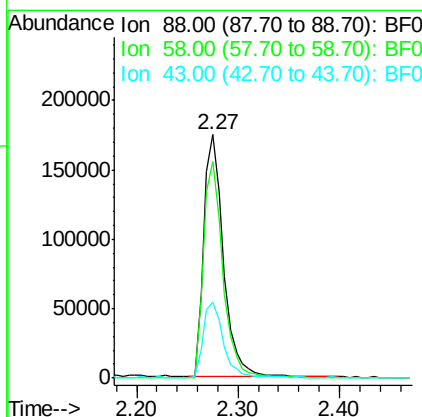
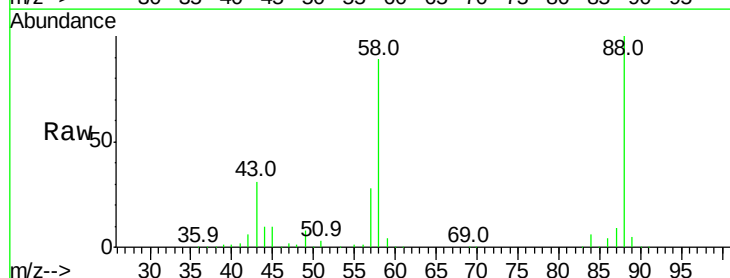
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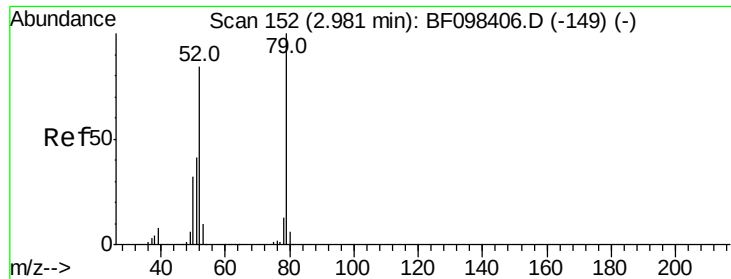


#2

1,4-Dioxane
Concen: 37.686 ng
RT: 2.27 min Scan# 32
Delta R.T. -0.02 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	61.4	92.0
43	31.7	23.4	35.0





#3

Pvridine

Concen: 38.531 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

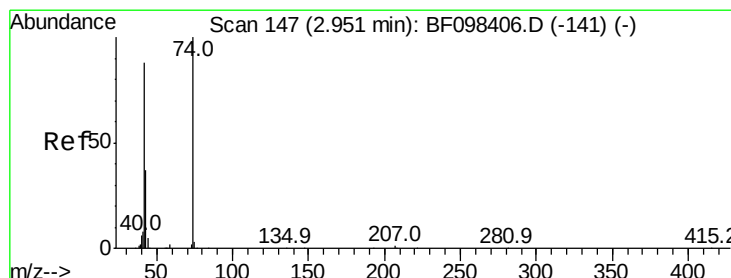
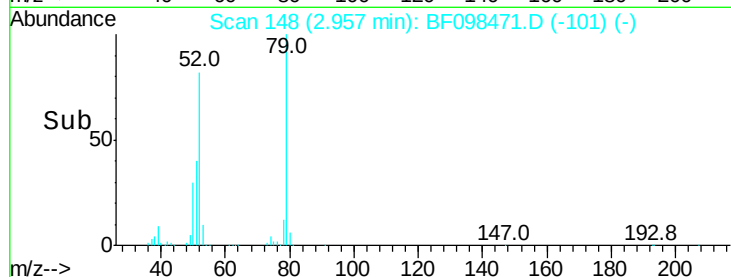
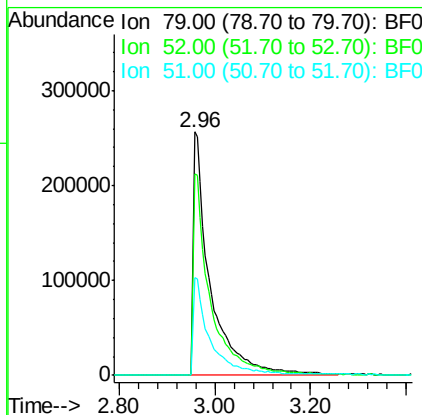
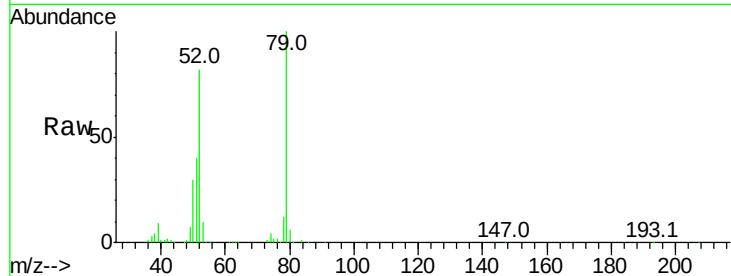
SSTDCCC040EC

Tot Ion:	79	Resp:	639058
Ion Ratio	Lower	Upper	
79	100		
52	82.5	54.8	82.2#
51	40.1	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.611 ng

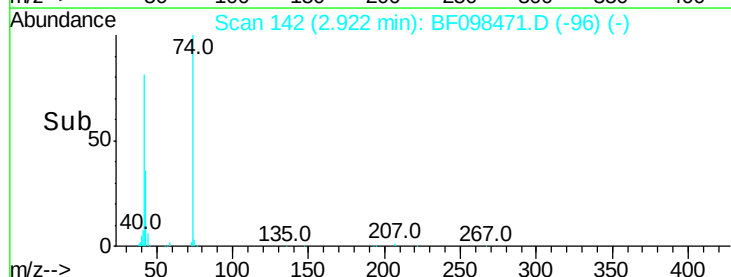
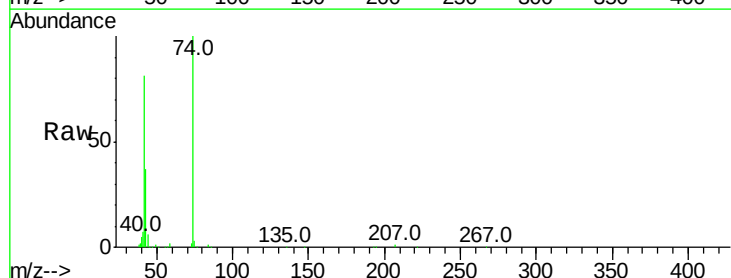
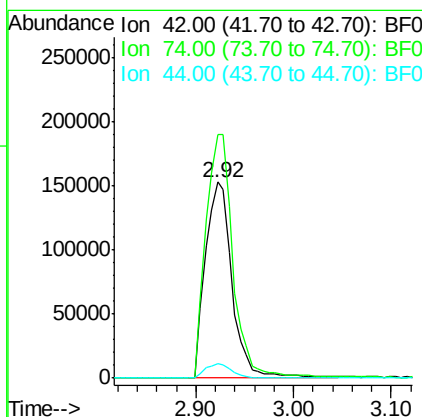
RT: 2.92 min Scan# 142

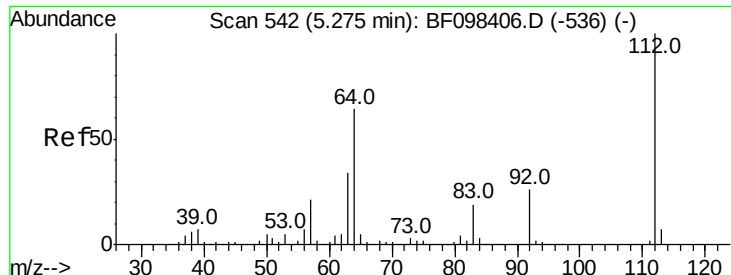
Delta R.T. -0.03 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	42	Resp:	289556
Ion Ratio	Lower	Upper	
42	100		
74	124.2	103.9	155.9
44	7.7	5.7	8.5





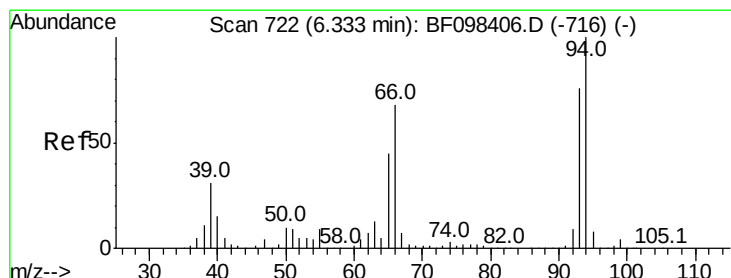
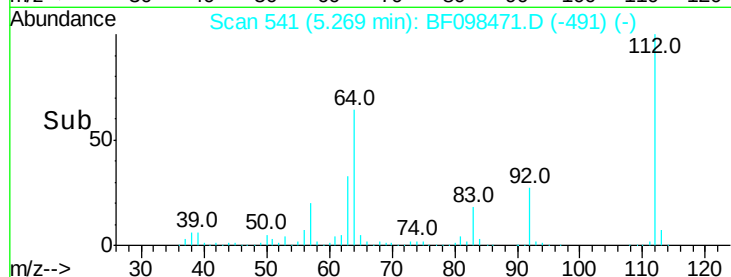
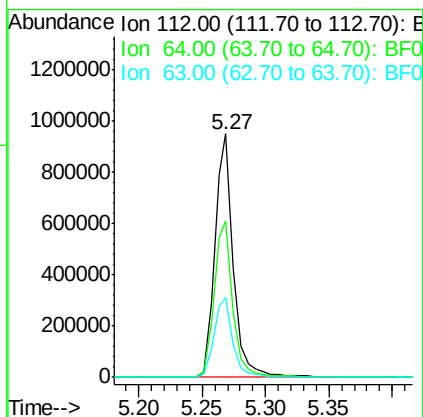
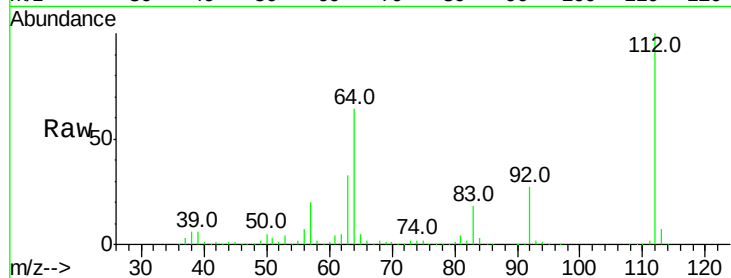
#5
2-Fluorophenol
Concen: 80.742 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.1	46.0	69.0
63	32.7	23.4	35.0

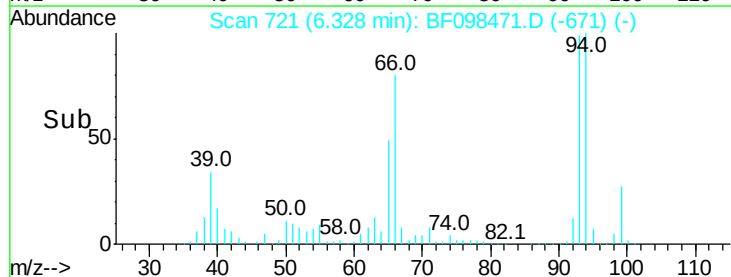
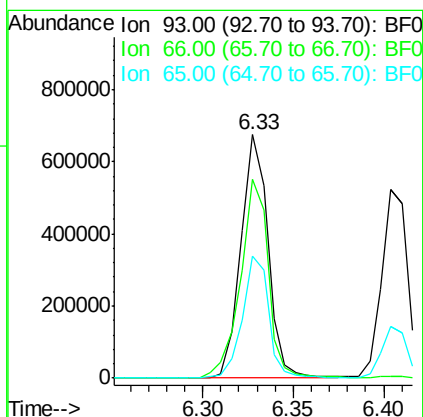
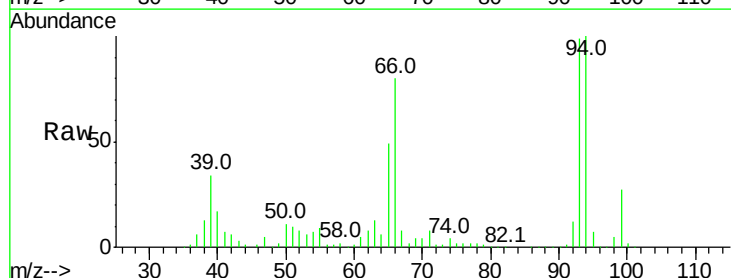
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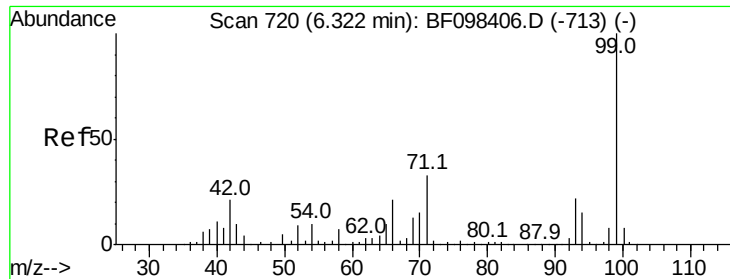
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#6
Aniline
Concen: 36.624 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	81.4	32.9	49.3#
65	49.9	16.0	24.0#





#7

Phenol-d6

Concen: 75.646 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1162163

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

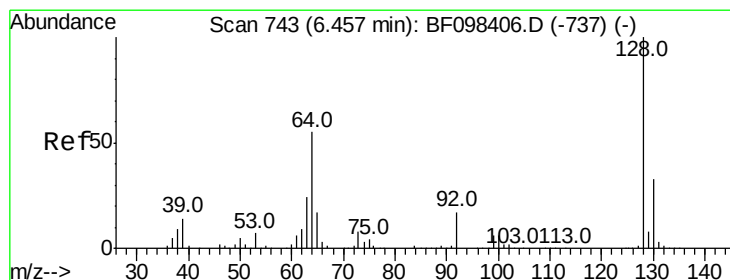
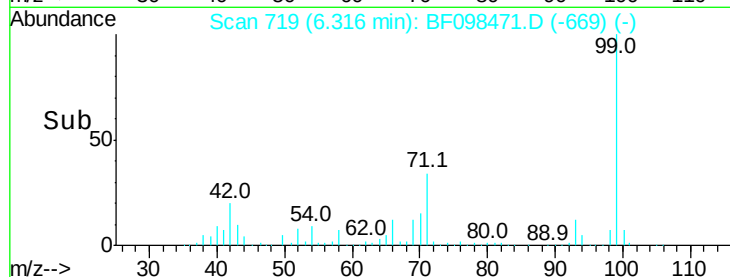
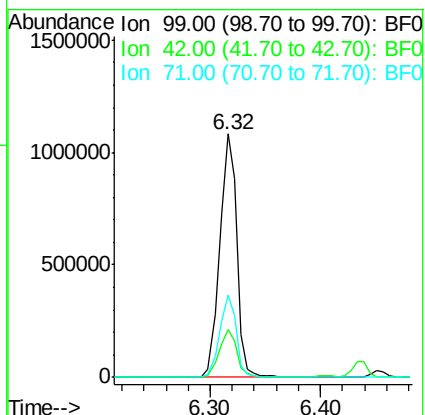
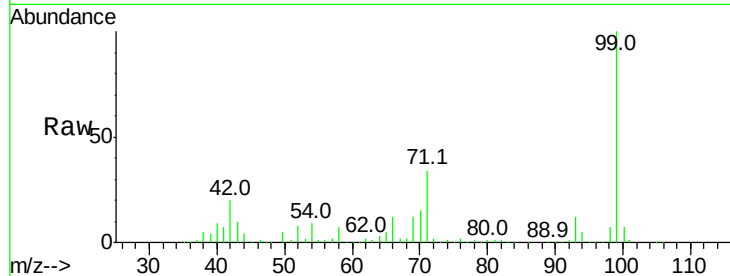
71 33.6 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.258 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

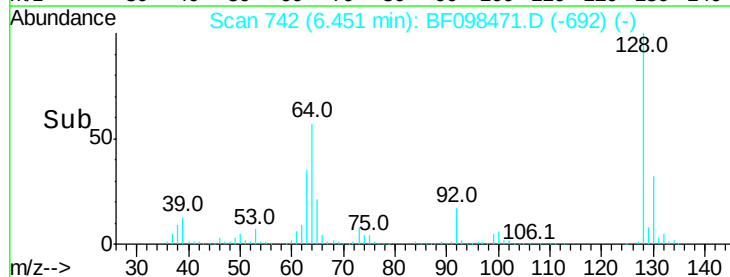
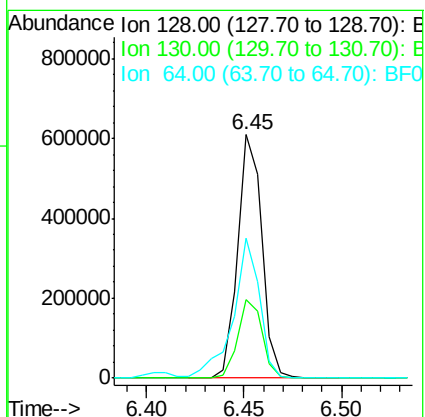
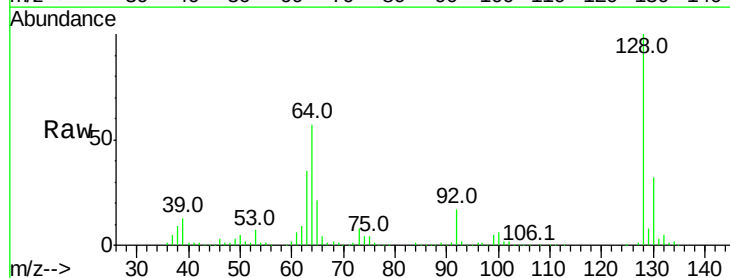
Tgt Ion: 128 Resp: 522345

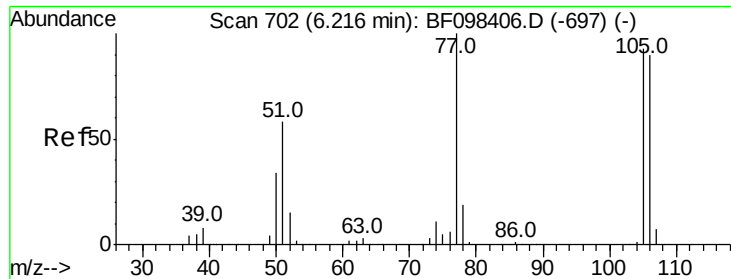
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 57.4 28.4 68.4





#9

Benzaldehyde

Concen: 37.853 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

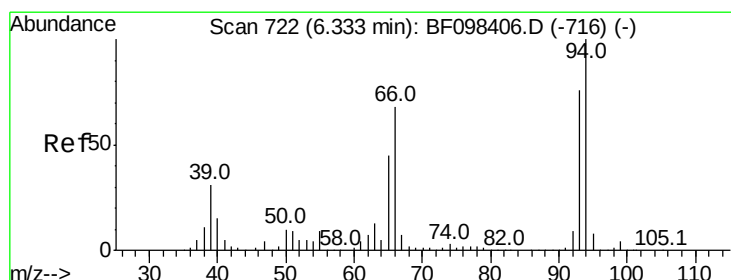
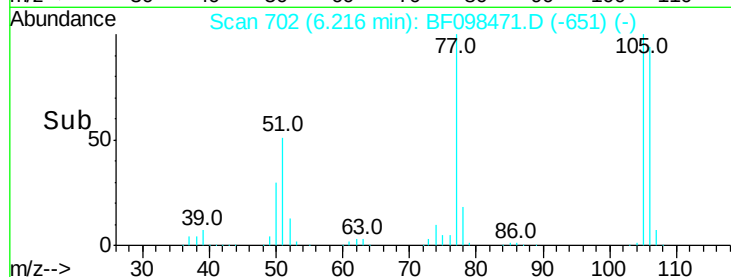
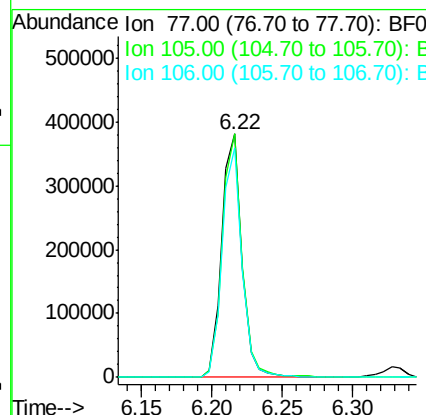
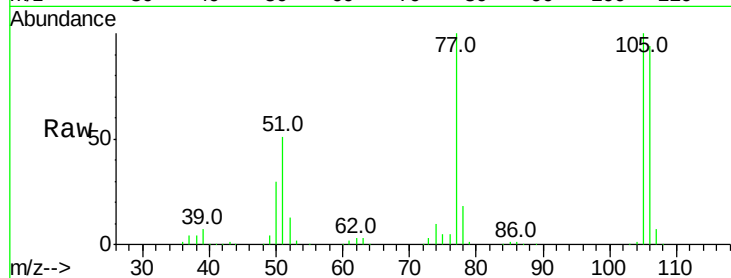
ClientSampleID :

SSTDCCC040EC

Tot Ion:	77	Resp:	380154
Ion Ratio	Lower	Upper	
77	100		
105	100.2	83.8	123.8
106	94.2	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.702 ng

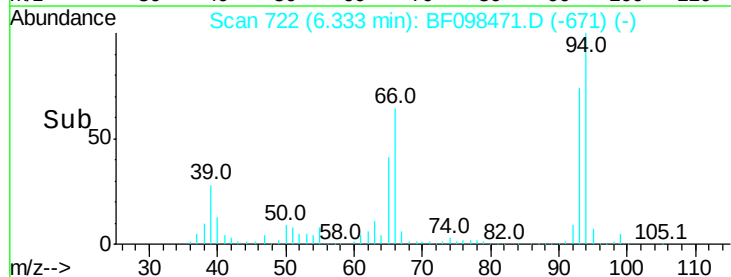
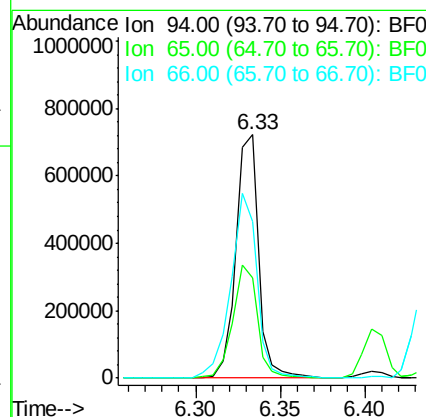
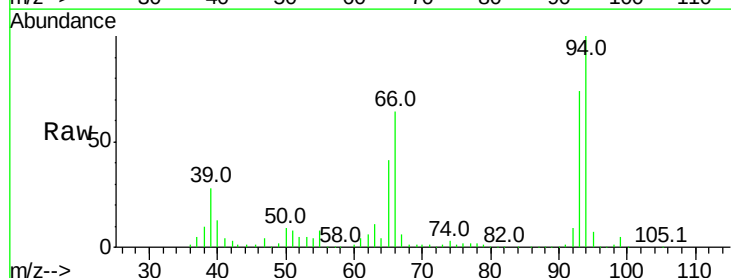
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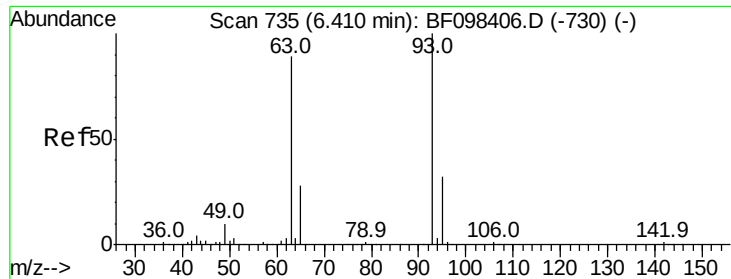
Delta R.T. 0.00 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	94	Resp:	672776
Ion Ratio	Lower	Upper	
94	100		
65	41.3	9.9	49.9
66	64.5	23.1	63.1#





#11

bis(2-Chloroethyl)ether

Concen: 37.721 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

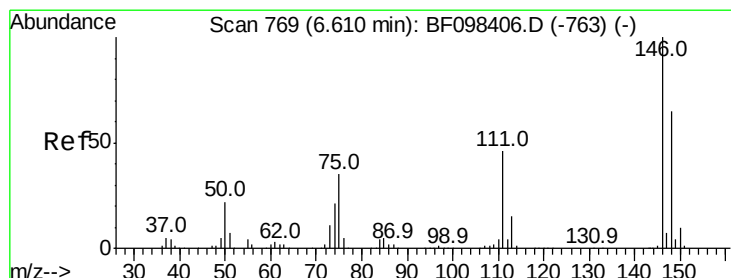
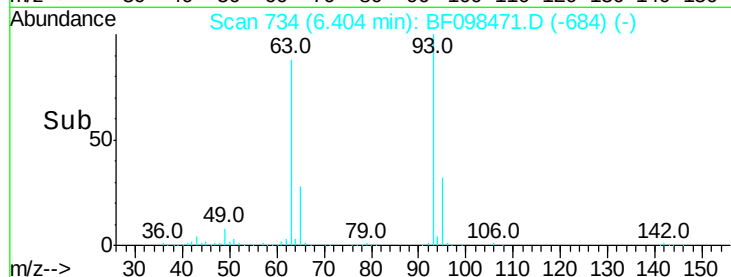
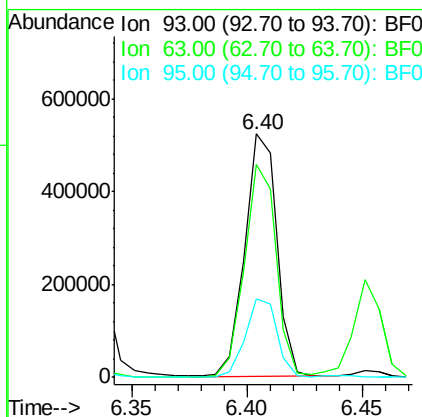
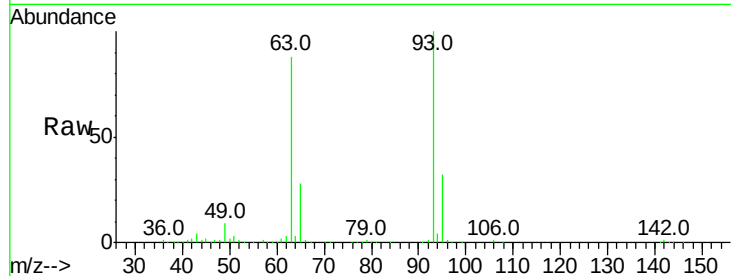
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	507509
Ion Ratio	Lower	Upper	
93	100		
63	87.6	59.2	99.2
95	32.4	12.8	52.8

Manual Integrations
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9/13/2017 5:00:25 PM



#12

1,3-Dichlorobenzene

Concen: 39.841 ng

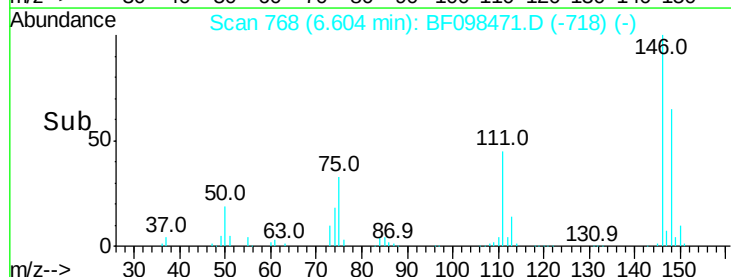
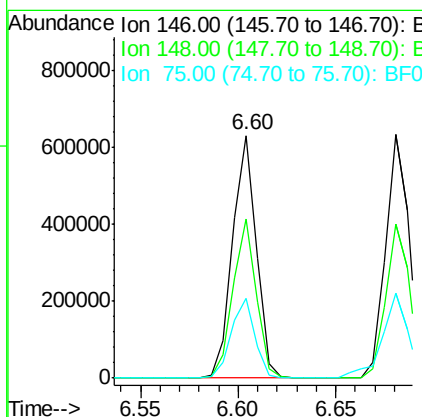
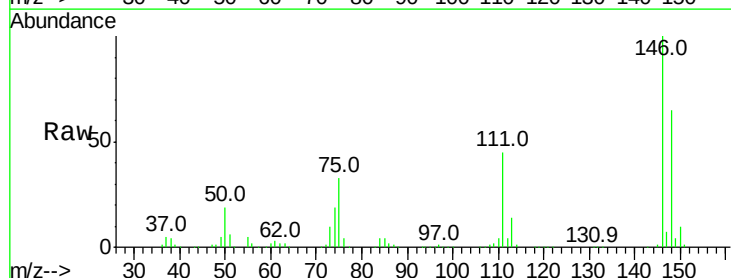
RT: 6.60 min Scan# 768

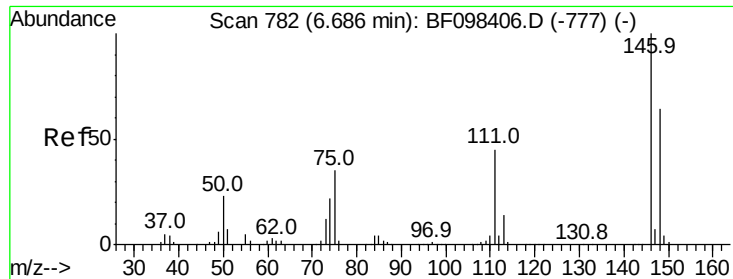
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	146	Resp:	533562
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
75	32.8	23.1	34.7





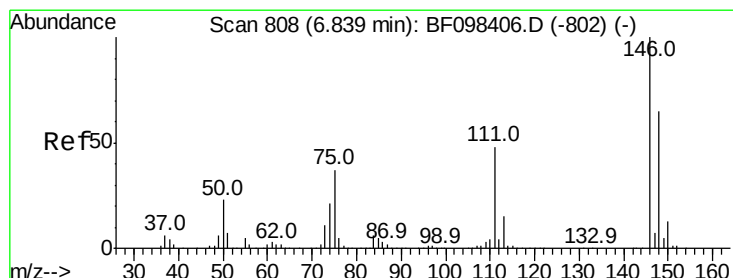
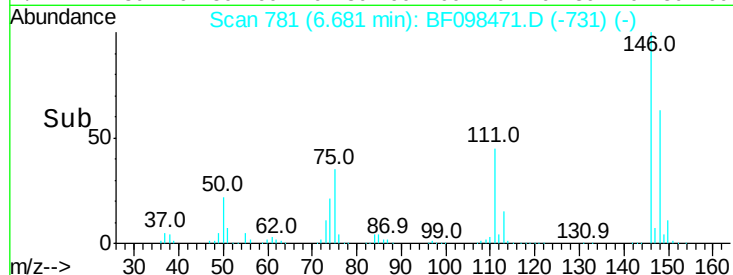
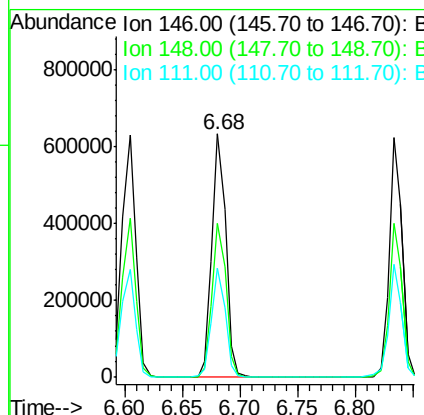
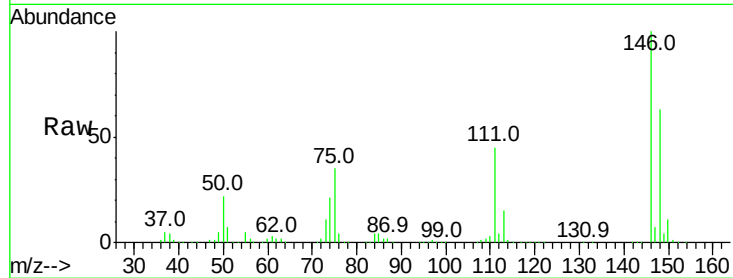
#13
 1,4-Dichlorobenzene
 Concen: 39.077 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	44.9	30.3	45.5

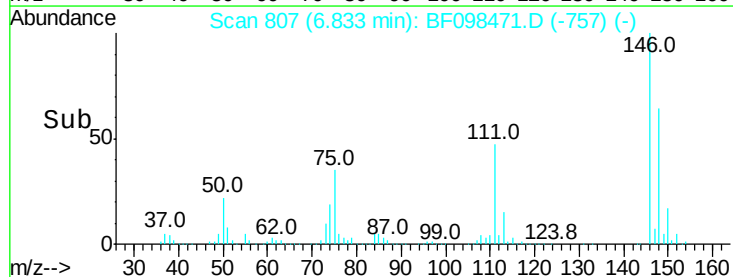
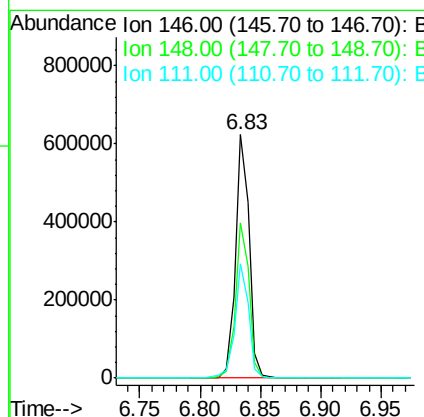
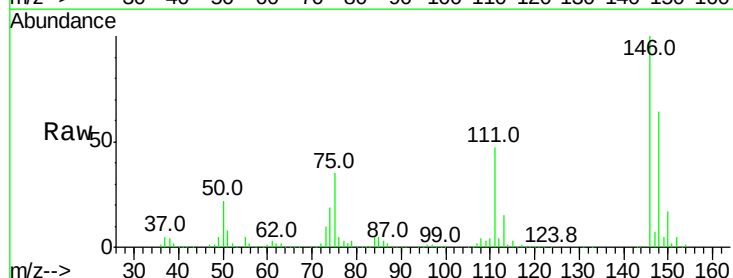
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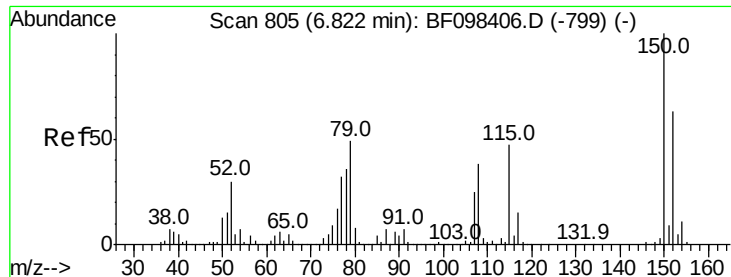
Sohil
 9/13/2017 5:00:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.198 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	47.0	38.2	57.4





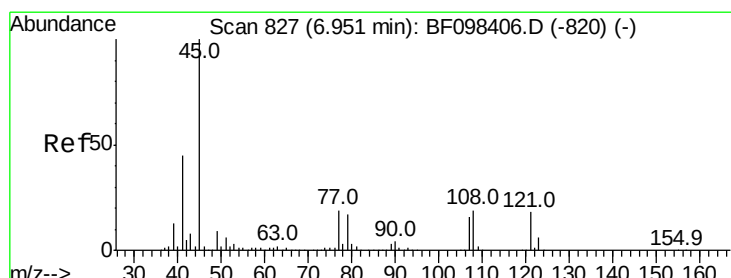
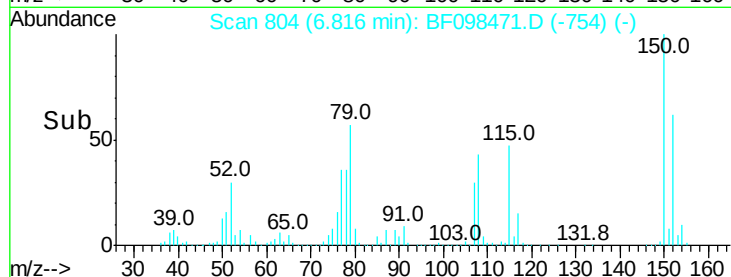
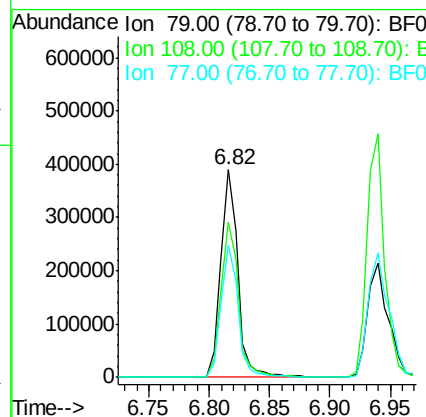
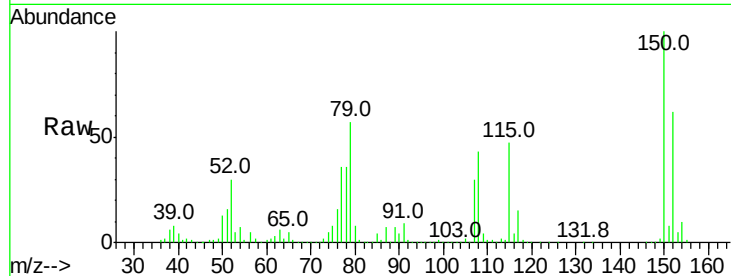
#15
Benzyl Alcohol
Concen: 36.780 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	63.4	95.0
77	63.6	49.2	73.8

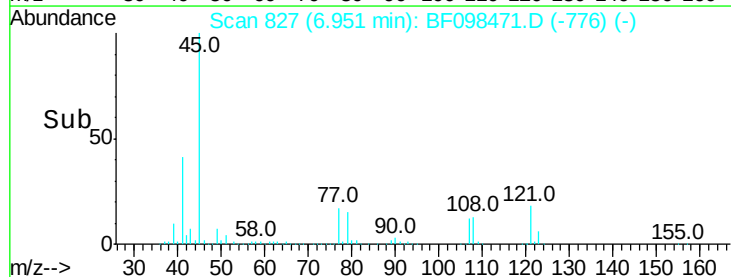
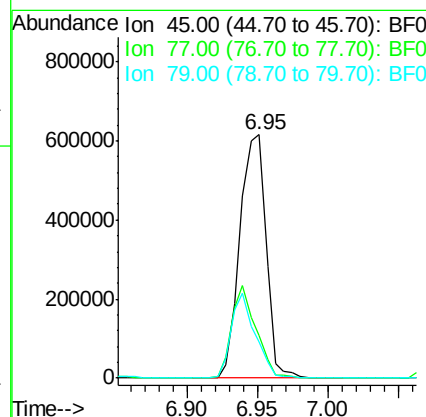
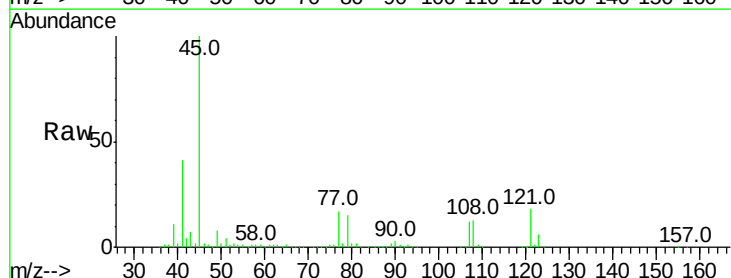
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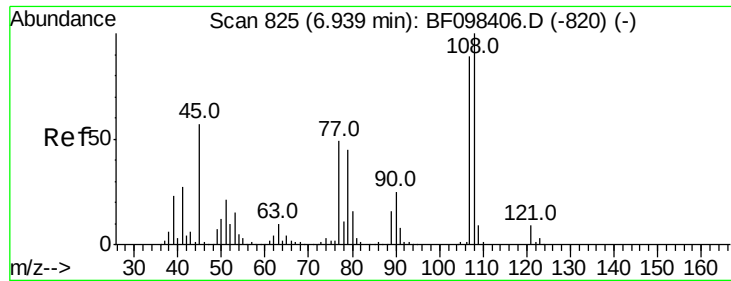
Sohil
9/13/2017 5:00:25 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.011 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	33.2
79	14.7	0.0	30.0





#17

2-Methylphenol

Concen: 37.319 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 404901
Ion Ratio Lower Upper

107 100

108 113.4 93.4 140.0

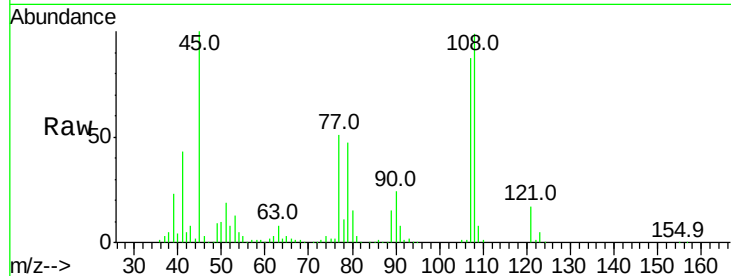
77 57.9 35.8 53.6#

79 53.4 34.8 52.2#

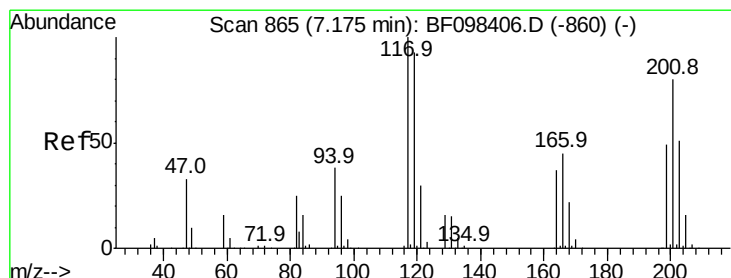
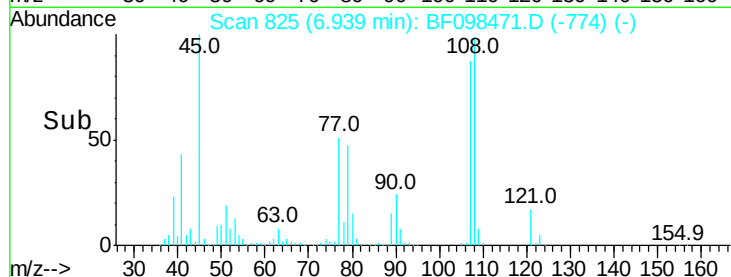
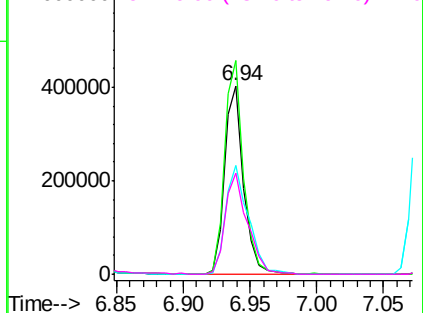
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.232 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF098471.D

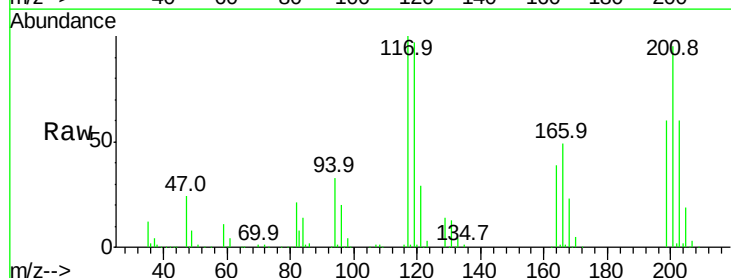
Acq: 13 Sep 2017 00:57

Tgt Ion:117 Resp: 153572
Ion Ratio Lower Upper

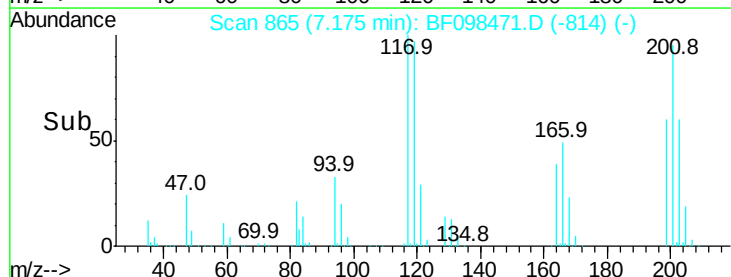
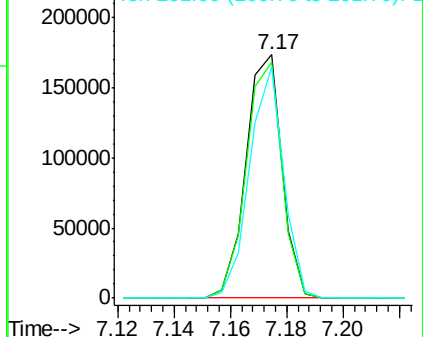
117 100

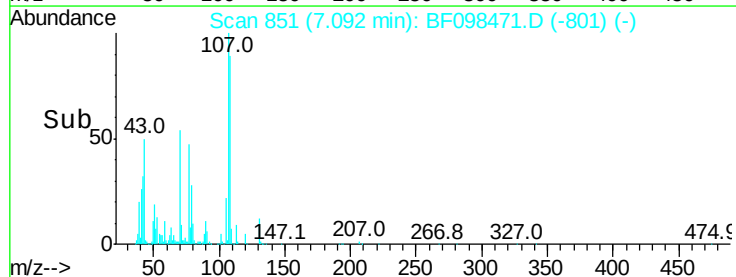
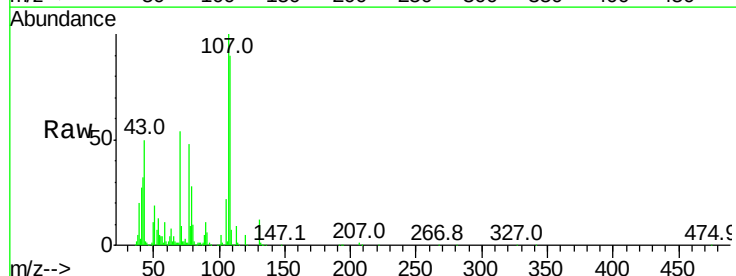
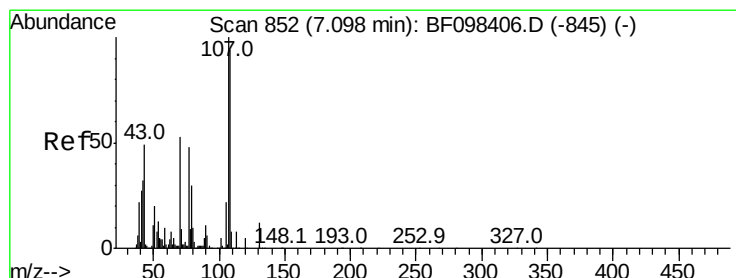
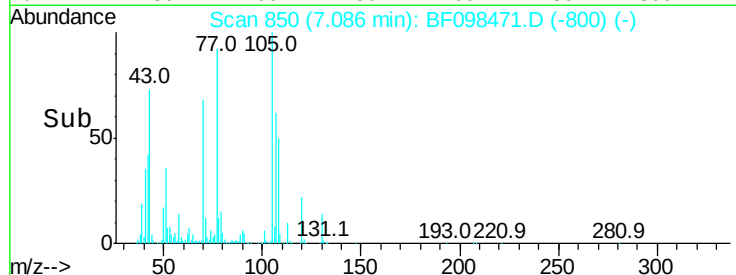
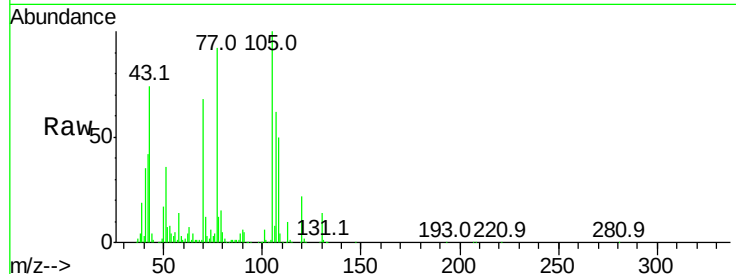
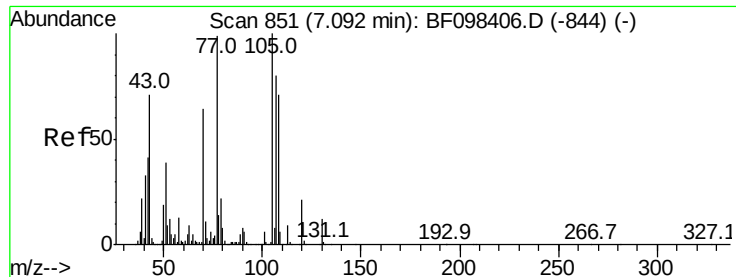
119 96.7 77.4 116.0

201 95.0 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





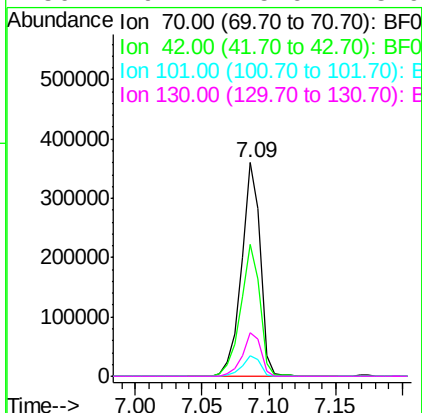
#19
n-Nitroso-di-n-propylamine
Concen: 36.121 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.2	70.8
101	9.4	7.2	10.8
130	20.2	15.9	23.9

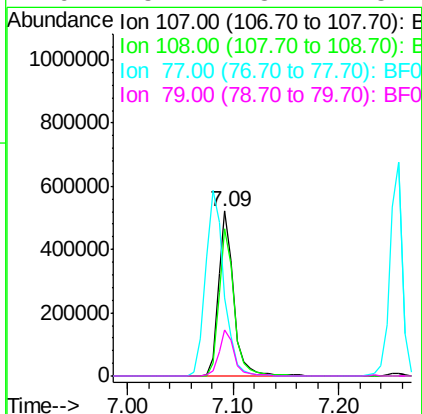
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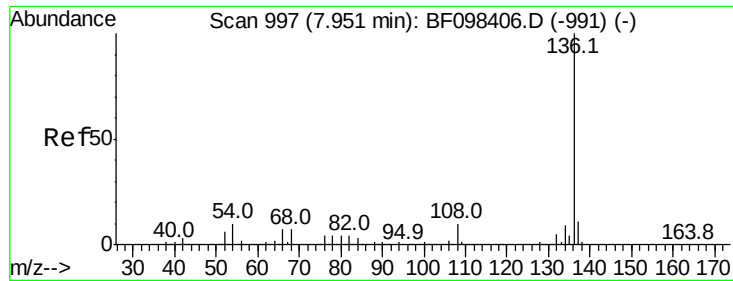
Sohil
9/13/2017 5:00:25 PM



#20
3+4-Methylphenols
Concen: 38.329 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.0	111.0
77	47.6	90.5	130.5#
79	28.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

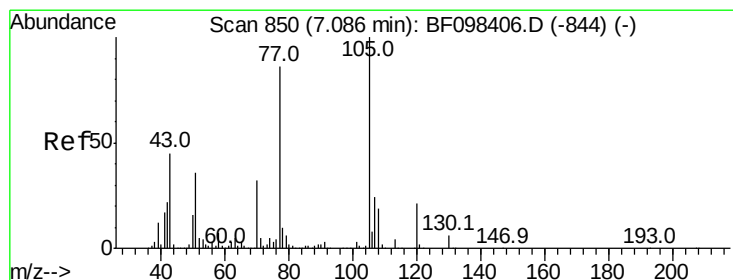
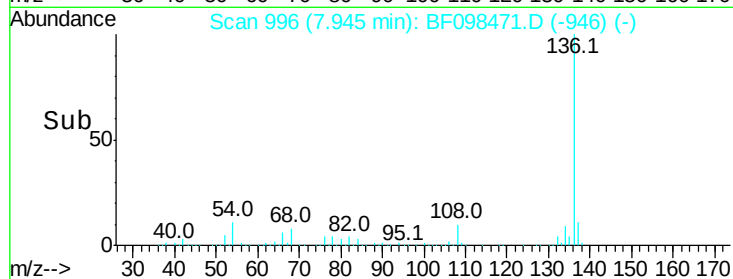
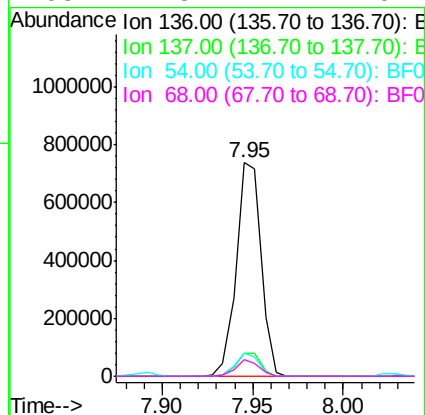
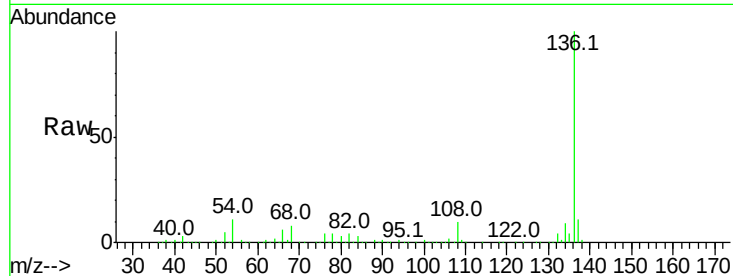
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	702134		
137	11.0	8.5	12.7	
54	11.0	4.9	7.3#	
68	7.8	4.1	6.1#	

Manual Integrations
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#22

Acetophenone

Concen: 39.830 ng

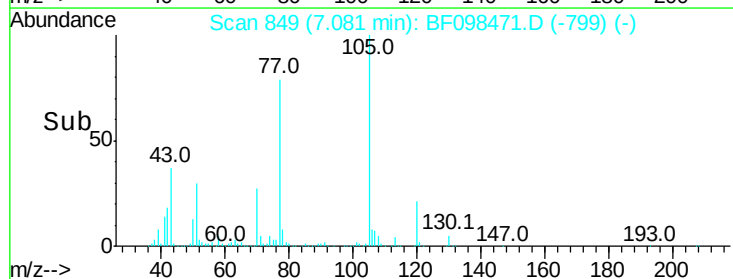
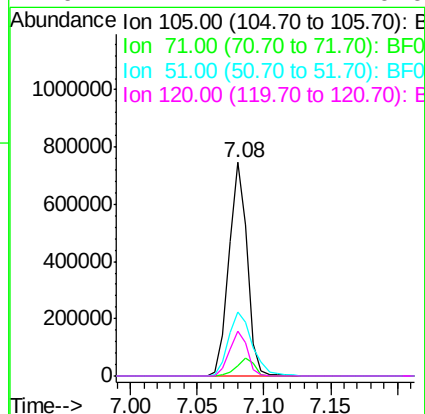
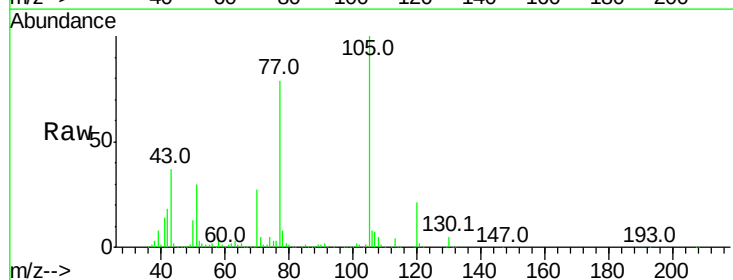
RT: 7.08 min Scan# 849

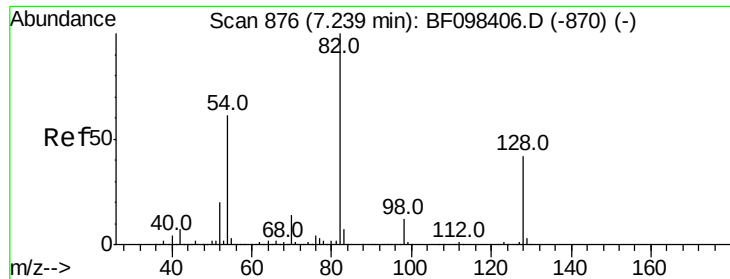
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722793		
71	4.6	2.8	4.2#	
51	30.1	30.7	46.1#	
120	21.2	17.4	26.0	





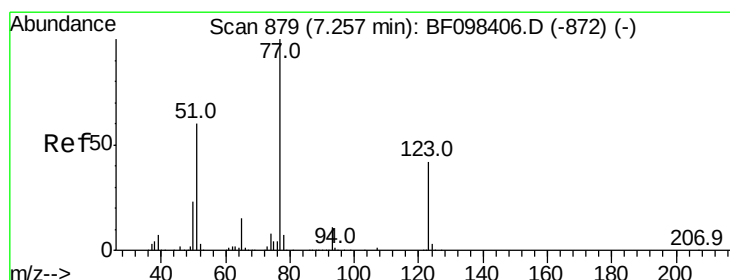
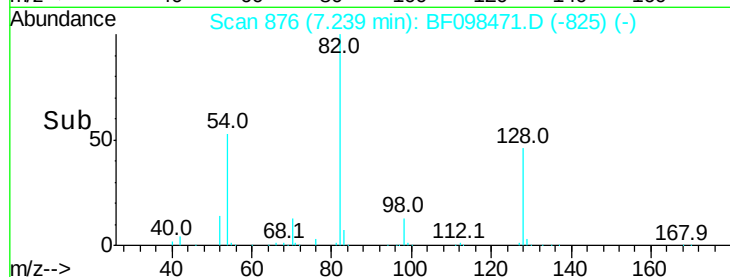
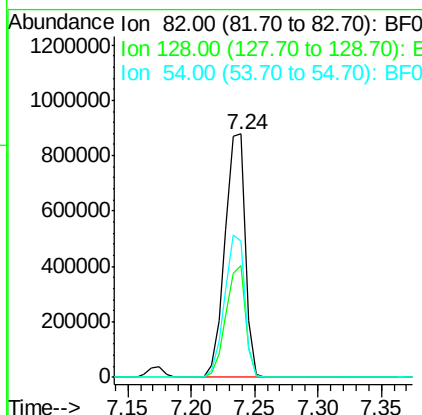
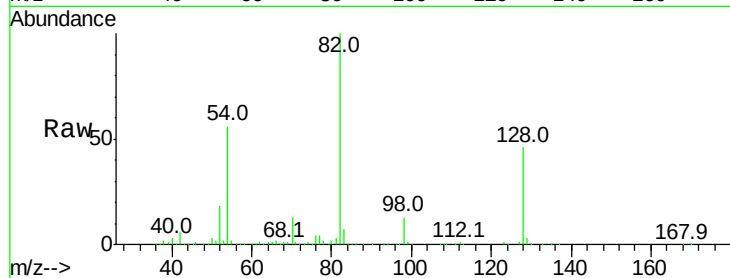
#23
 Nitrobenzene-d5
 Concen: 77.245 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	55.7	42.2	63.2

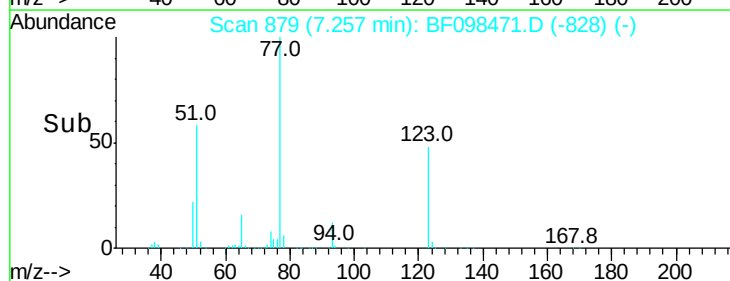
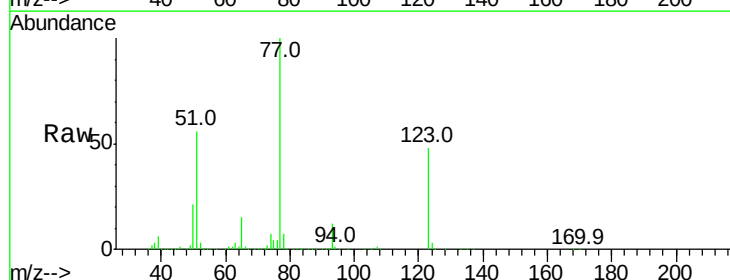
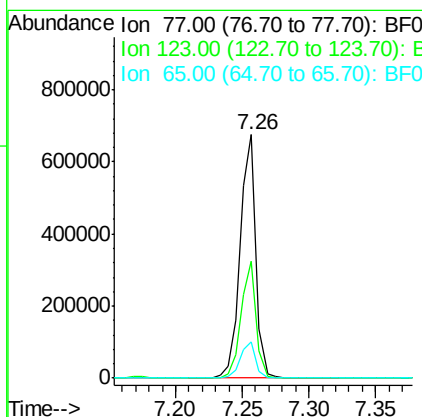
Manual Integrations
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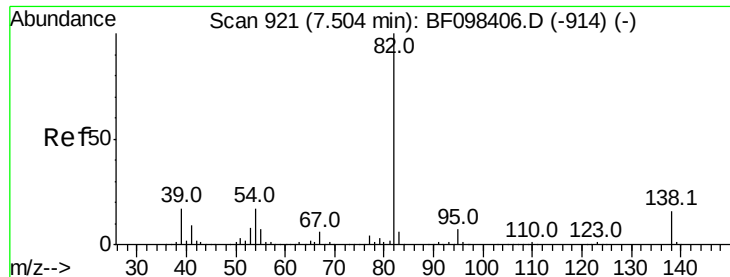
Sohil
 9/13/2017 5:00:25 PM



#24
 Nitrobenzene
 Concen: 38.555 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 37.121 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

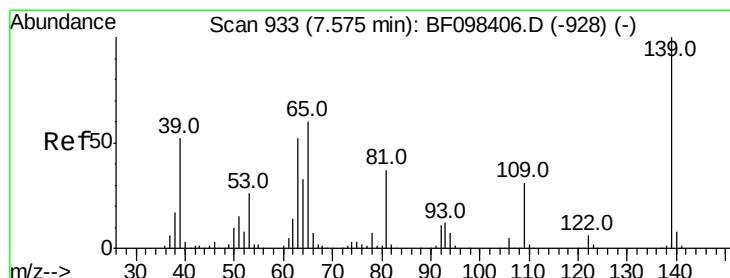
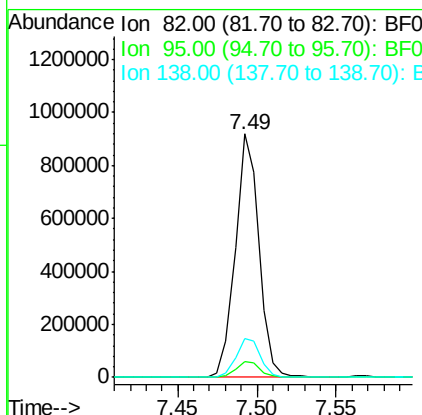
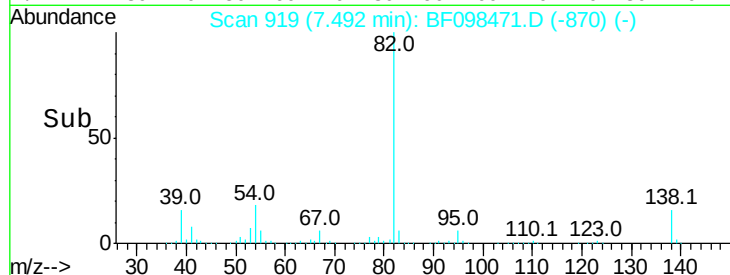
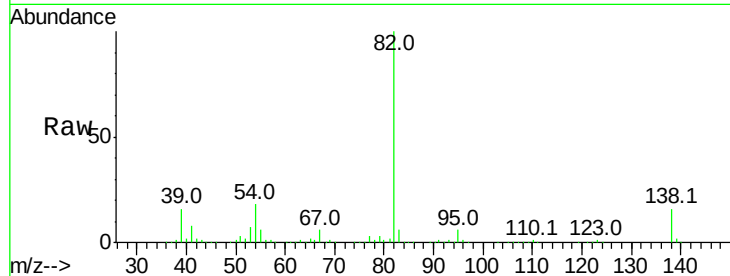
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	945902
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	15.8	13.1	19.7

Manual Integrations
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9/13/2017 5:00:25 PM



#26

2-Nitrophenol

Concen: 39.057 ng

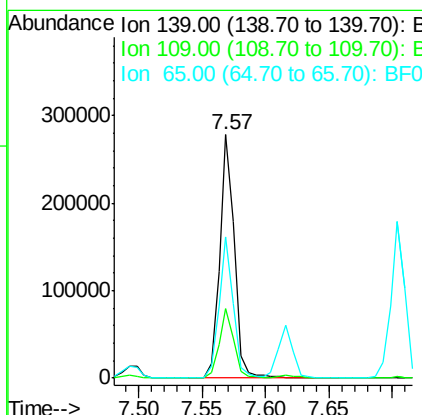
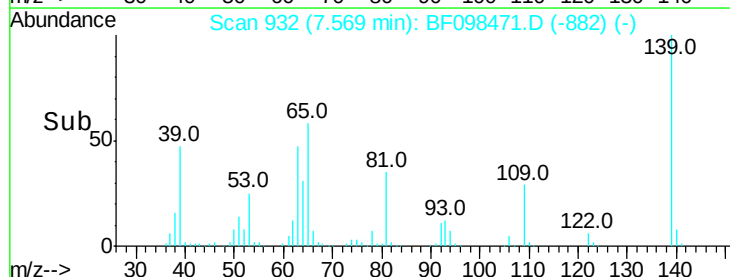
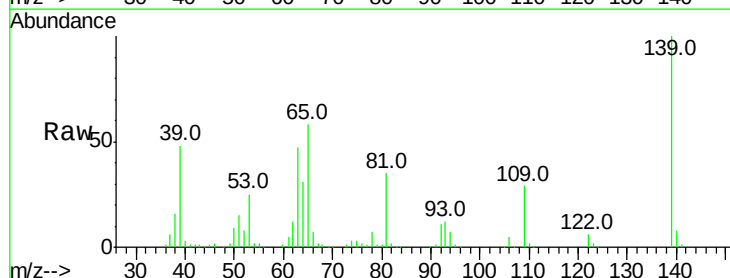
RT: 7.57 min Scan# 932

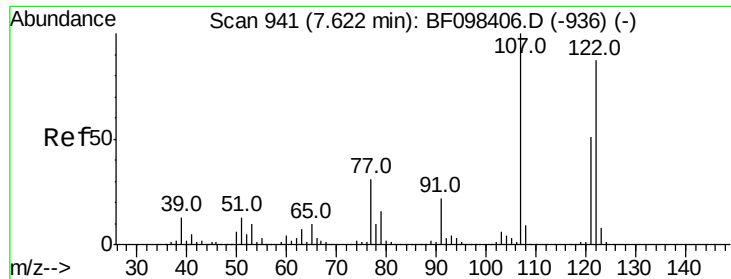
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	139	Resp:	226231
Ion Ratio	Lower	Upper	
139	100		
109	28.6	21.0	31.6
65	57.9	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 38.791 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

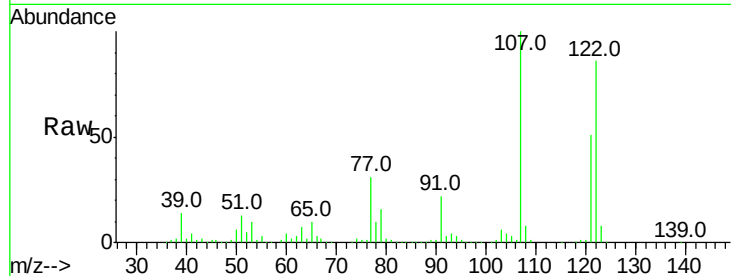
ClientSampleId :

SSTDCCC040EC

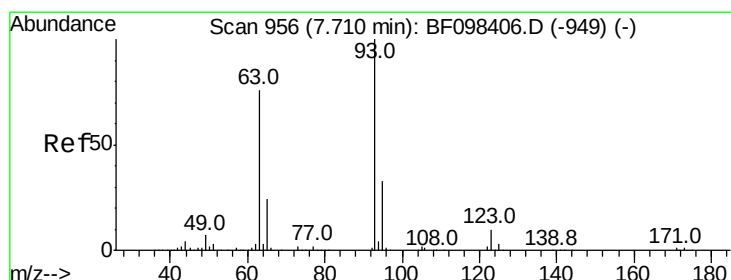
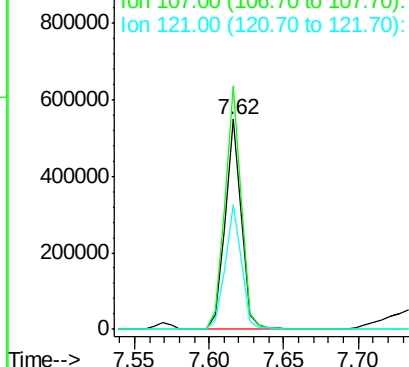
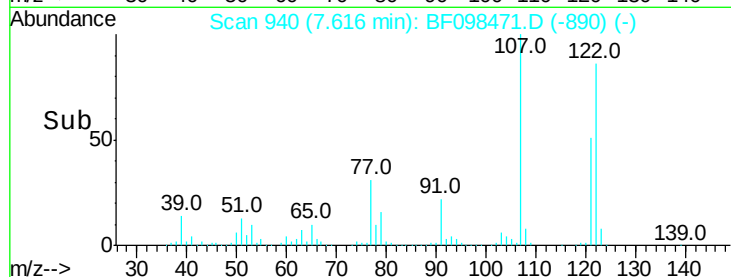
Tot Ion:	122	Resp:	428320
Ion Ratio	Lower	Upper	
122	100		
107	116.0	89.2	133.8
121	59.4	45.2	67.8

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9/13/2017 5:00:25 PM



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



#28

bis(2-Chloroethoxy)methane

Concen: 39.142 ng

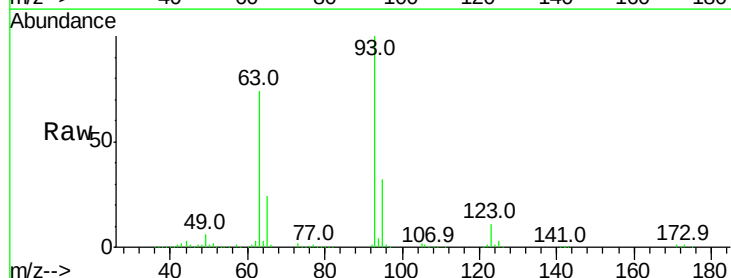
RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

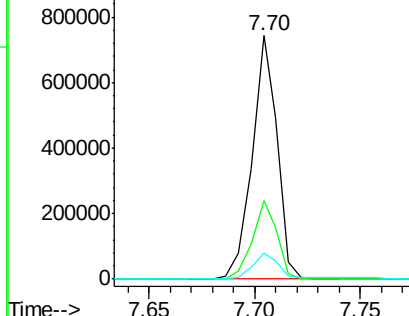
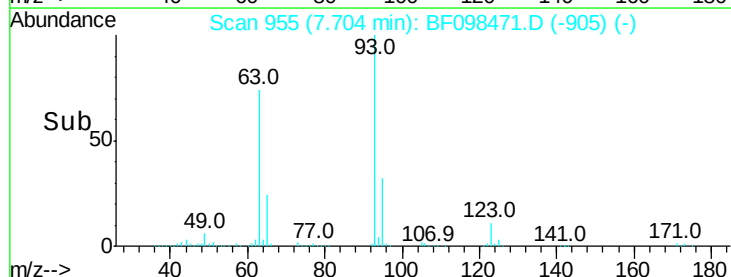
Lab File: BF098471.D

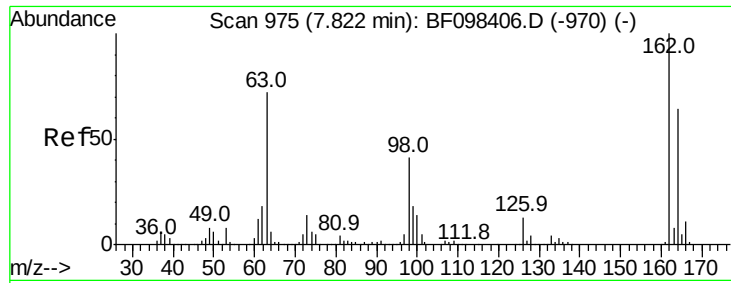
Acq: 13 Sep 2017 00:57

Tgt Ion:	93	Resp:	608601
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	10.7	9.0	13.4



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





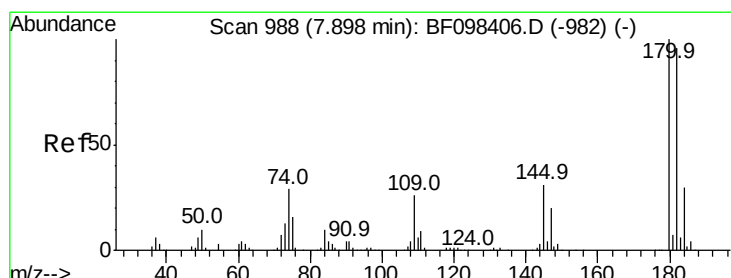
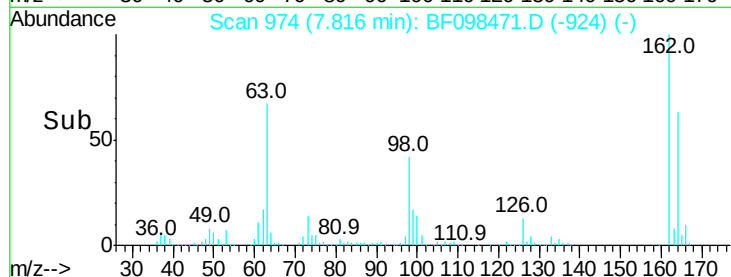
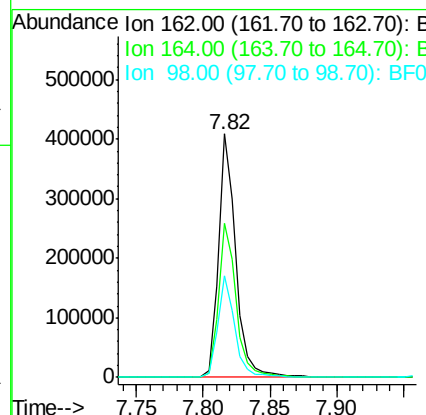
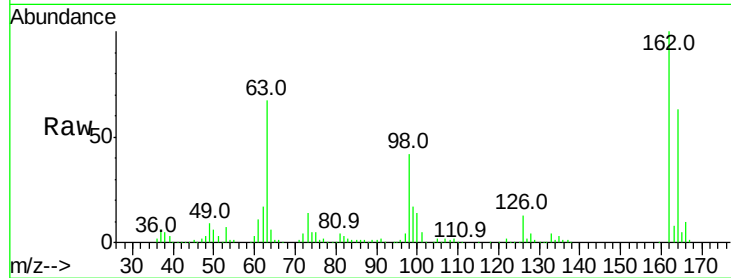
#29
2,4-Dichlorophenol
Concen: 40.799 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.6	84.6
98	41.8	14.8	54.8

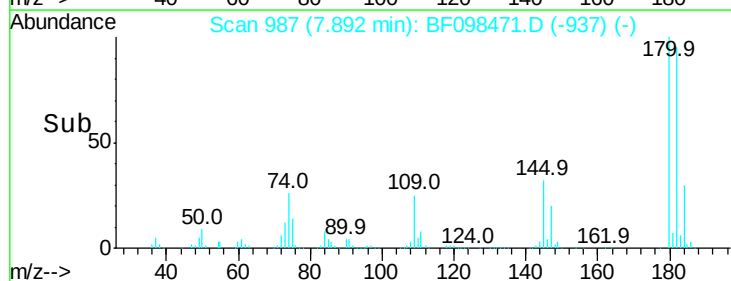
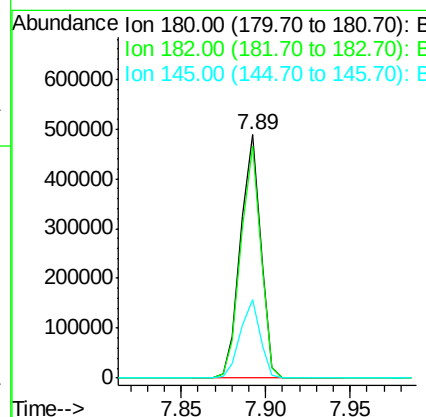
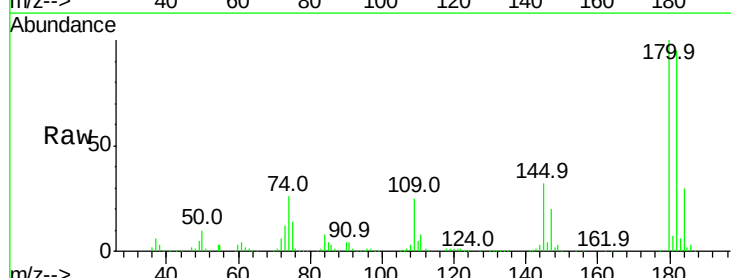
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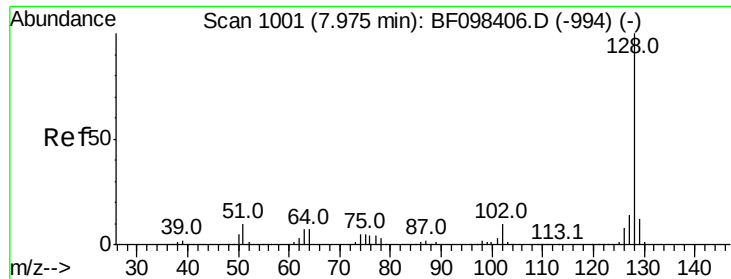
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9/13/2017 5:00:25 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.735 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	75.8	113.6
145	32.1	25.3	37.9





#31

Naphthalene

Concen: 38.639 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1341186

Ion Ratio Lower Upper

128 100

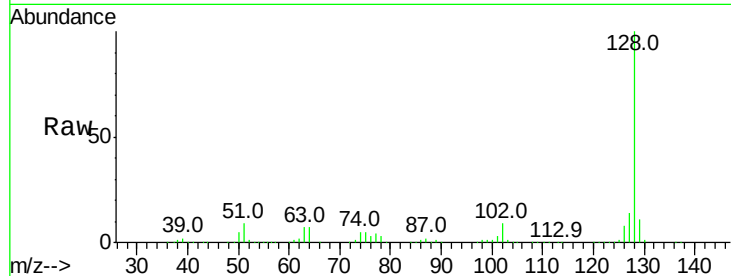
129 11.4 9.0 13.6

127 13.7 10.8 16.2

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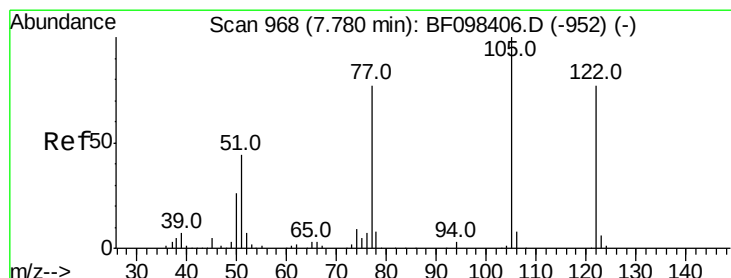
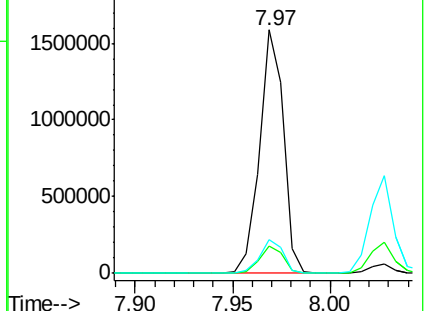
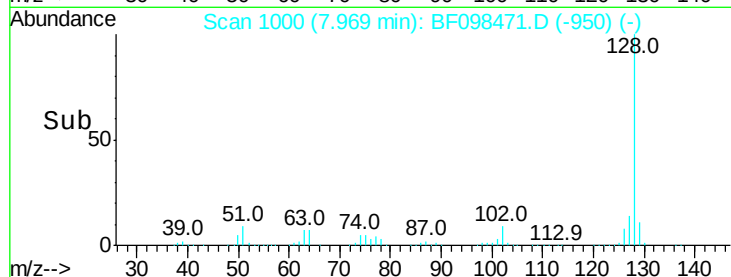
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.816 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

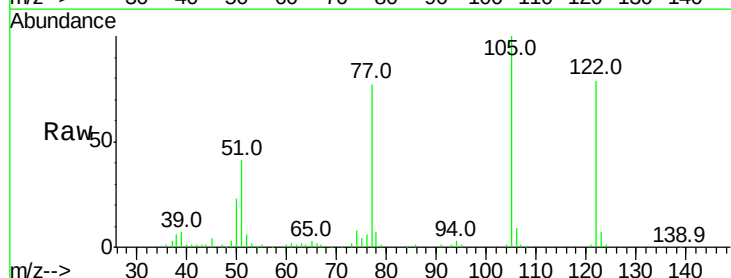
Tgt Ion:122 Resp: 229557

Ion Ratio Lower Upper

122 100

105 126.2 103.3 143.3

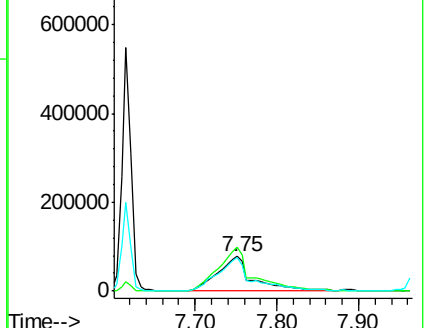
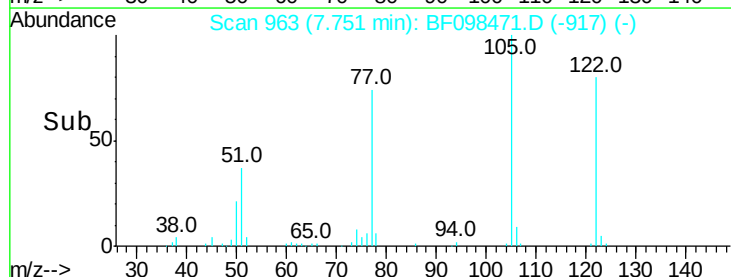
77 97.2 73.7 113.7

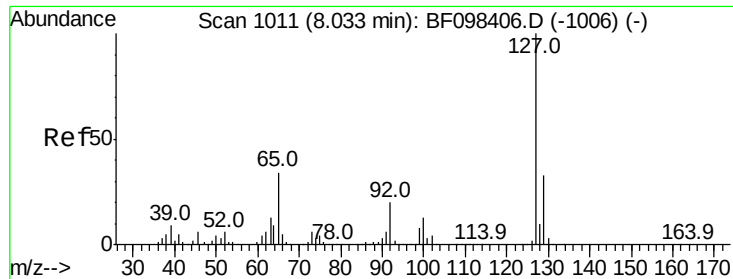


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





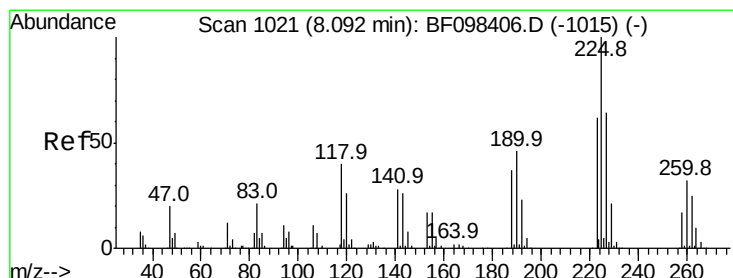
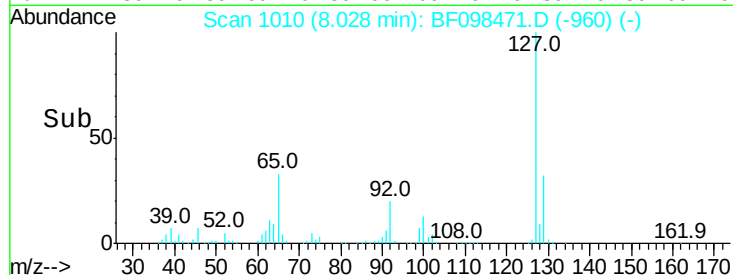
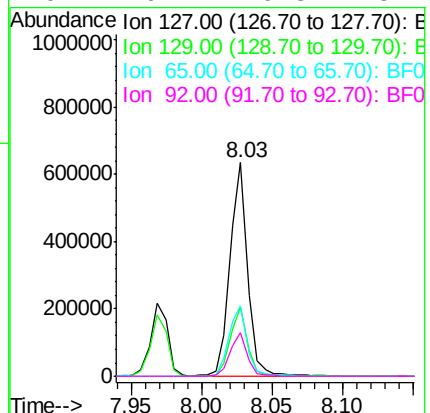
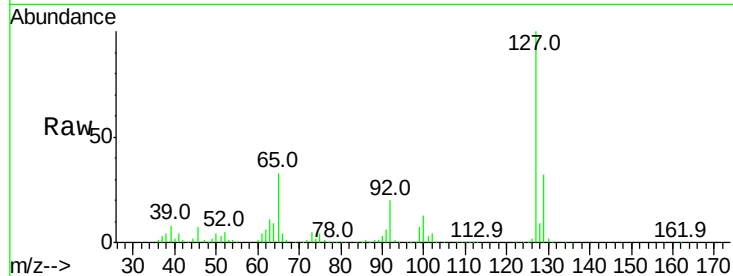
#33
4-Chloroaniline
Concen: 38.734 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.2		
65	33.2	27.8	41.8		
92	20.2	16.8	25.2		

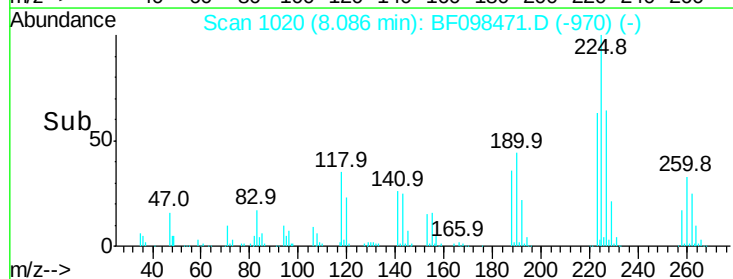
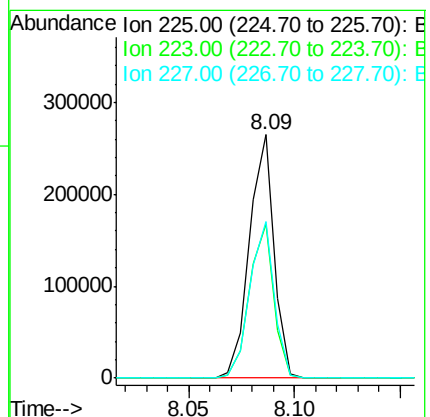
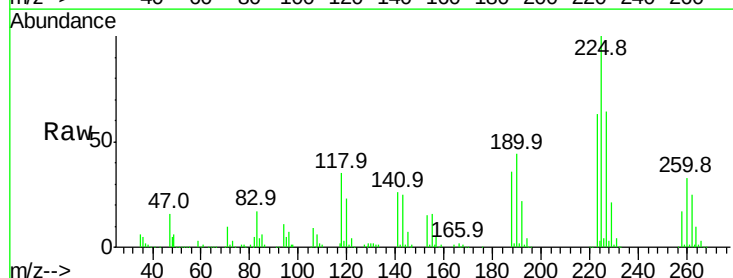
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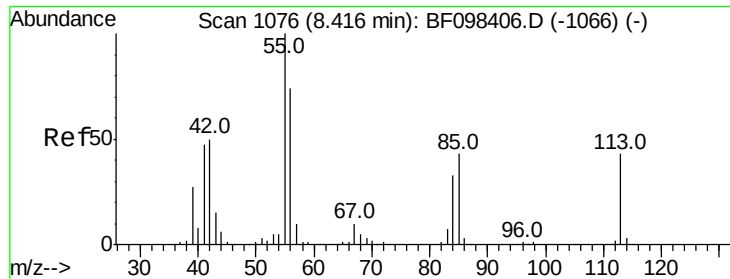
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9/13/2017 5:00:25 PM



#34
Hexachlorobutadiene
Concen: 41.788 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.8	73.2		
227	64.3	51.1	76.7		





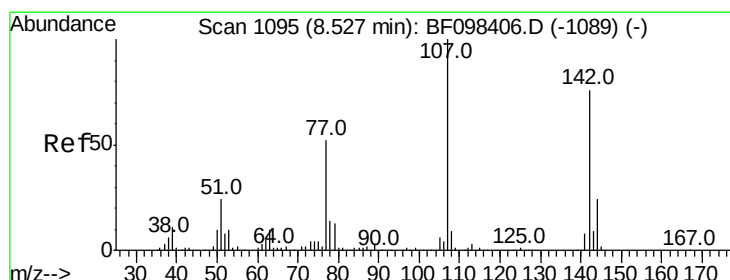
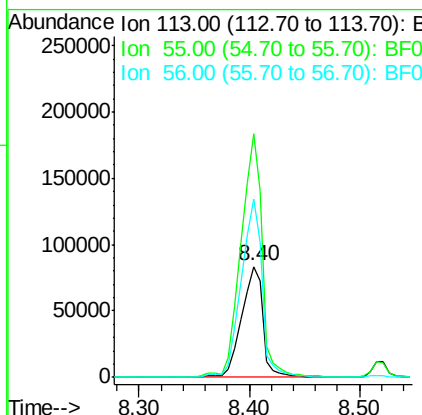
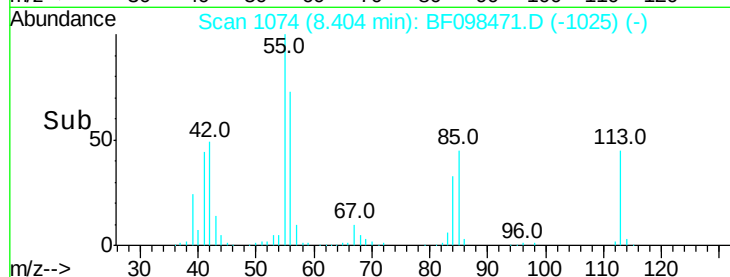
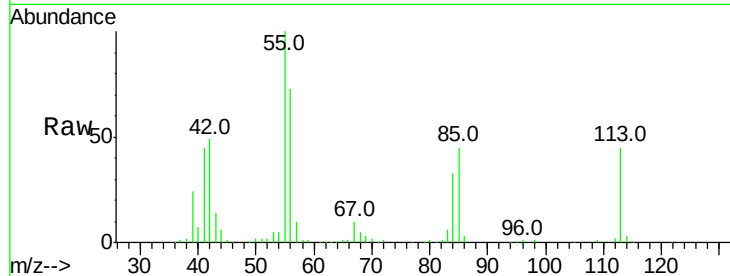
#35
 Caprolactam
 Concen: 35.979 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.3	150.2	190.2#
56	161.0	107.8	147.8#

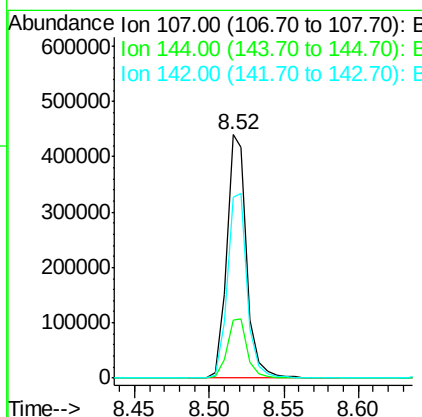
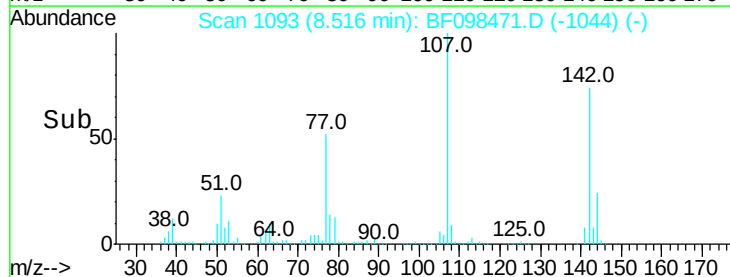
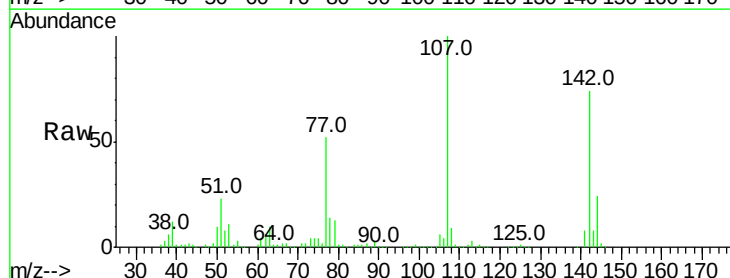
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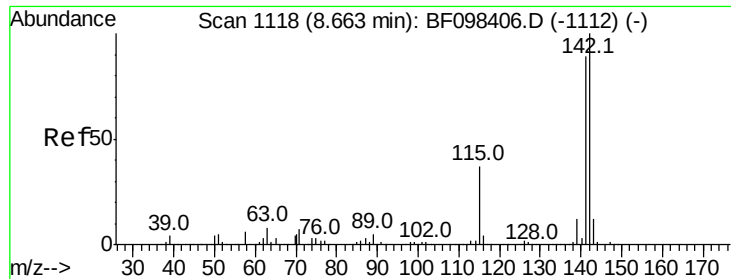
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#36
 4-Chloro-3-methylphenol
 Concen: 36.550 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	24.2	36.4#
142	74.3	73.4	110.0





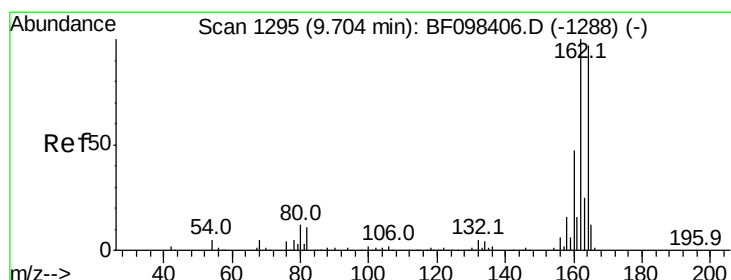
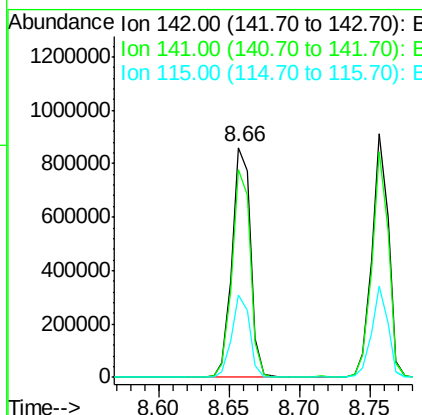
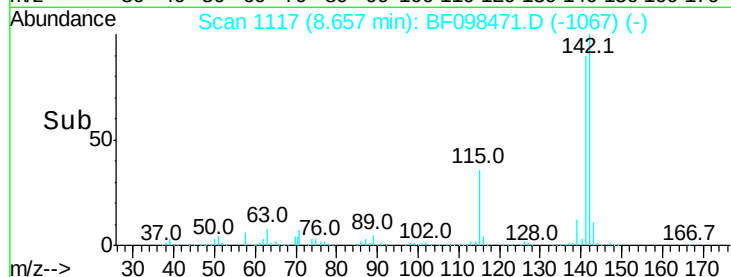
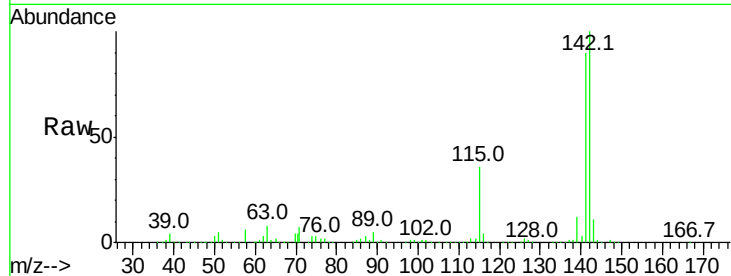
#37
2-Methylnaphthalene
Concen: 37.449 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	787386		
141	90.3	71.3	106.9	
115	35.6	27.1	40.7	

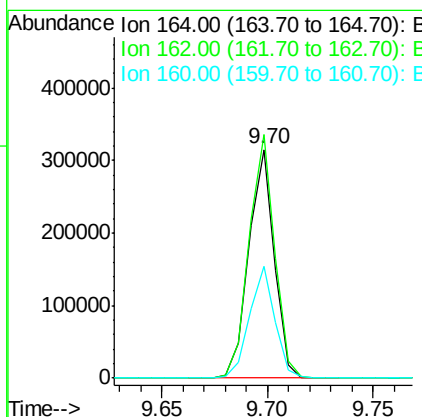
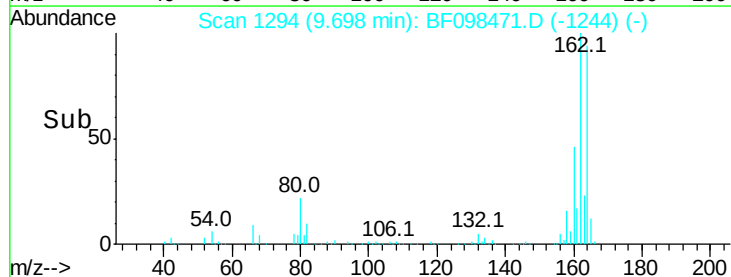
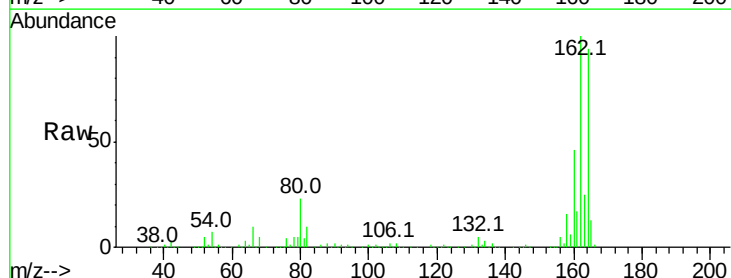
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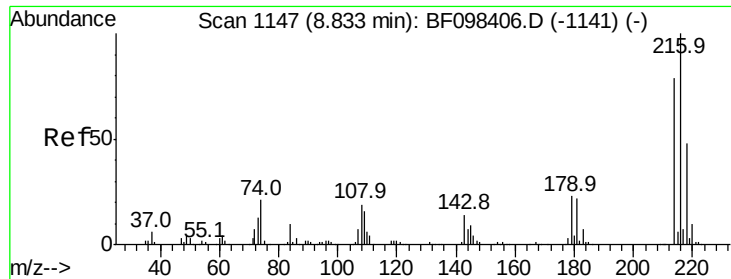
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9/13/2017 5:00:25 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	263625		
162	106.6	82.6	123.8	
160	48.7	36.2	54.2	





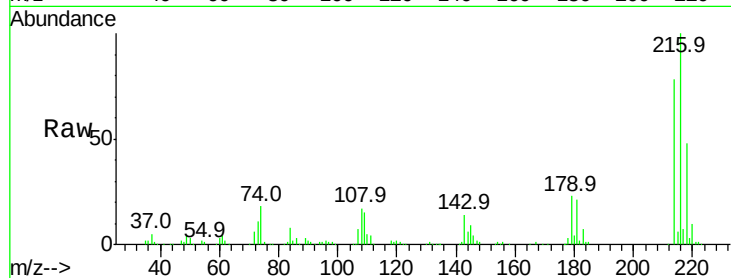
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.435 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

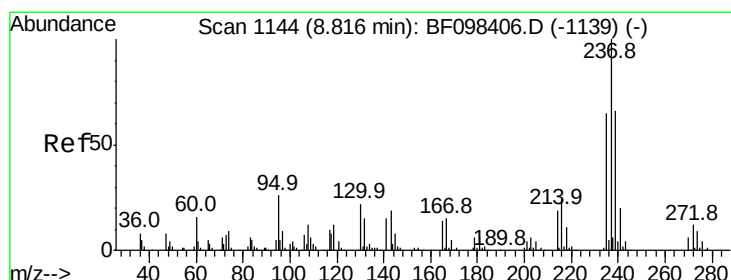
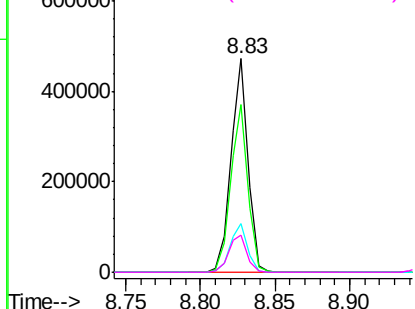
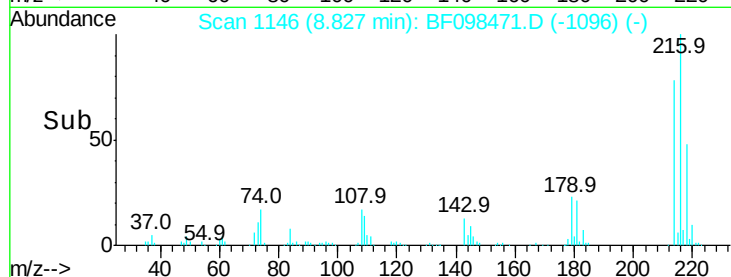
Tot Ion	Ratio	Resp	Lower	Upper
216	100	381313		
214	79.3	63.4	95.2	
179	23.1	17.9	26.9	
108	18.6	16.5	24.7	

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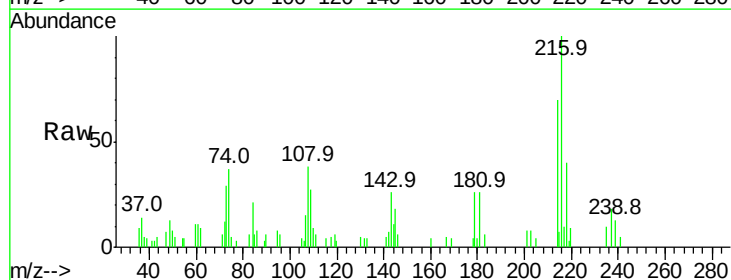


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

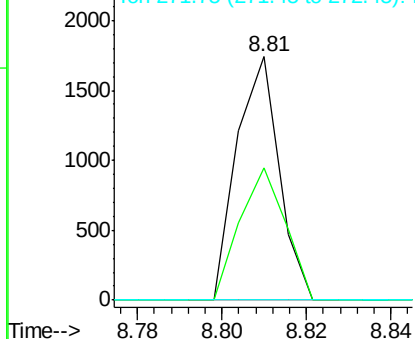
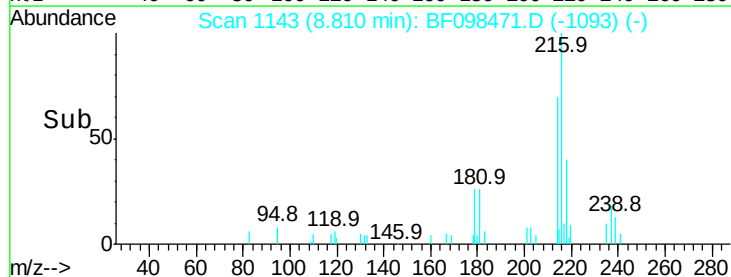


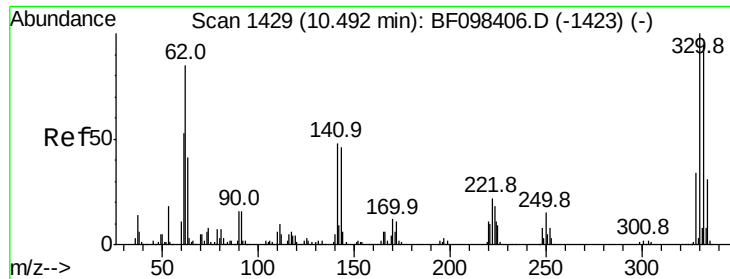
#40
 Hexachlorocyclopentadiene
 Concen: 10.272 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1209		
235	54.5	42.6	82.6	
272	0.0	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





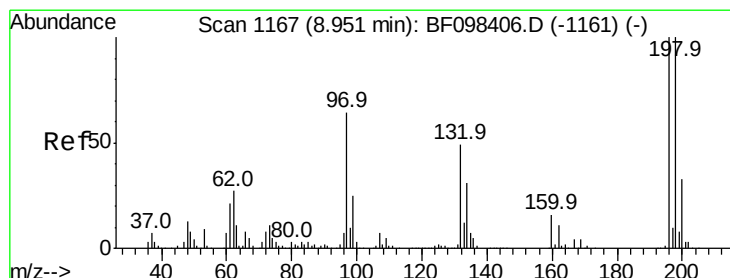
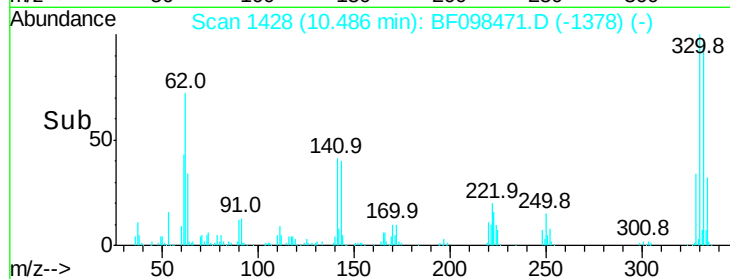
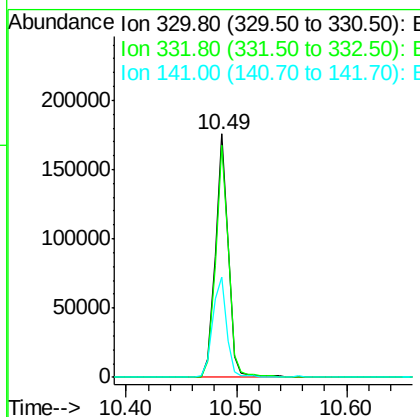
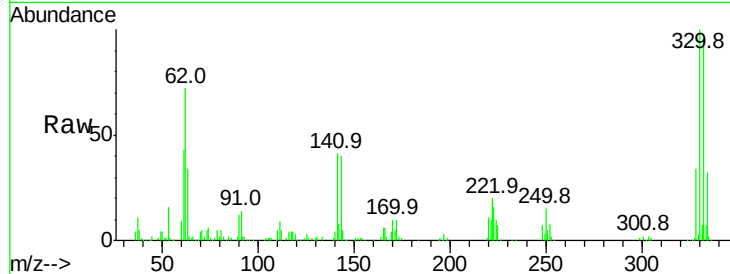
#41
 2,4,6-Tribromophenol
 Concen: 80.924 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142385		
332	95.7	76.6	115.0	
141	44.2	31.4	47.2	

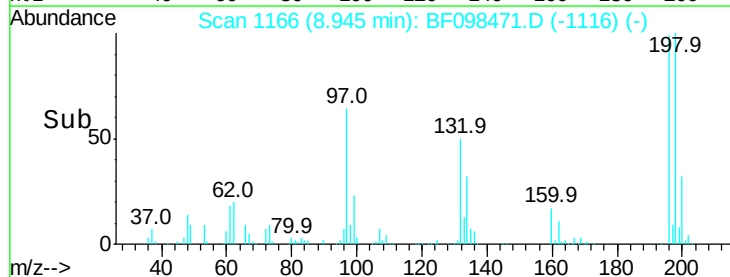
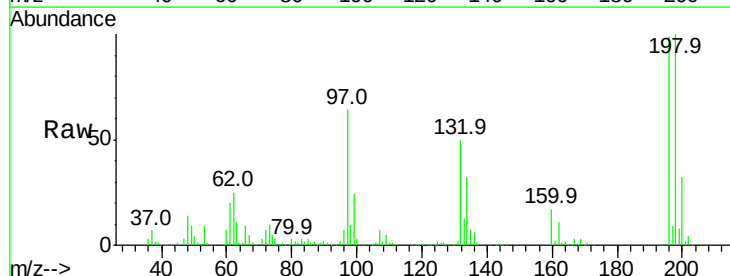
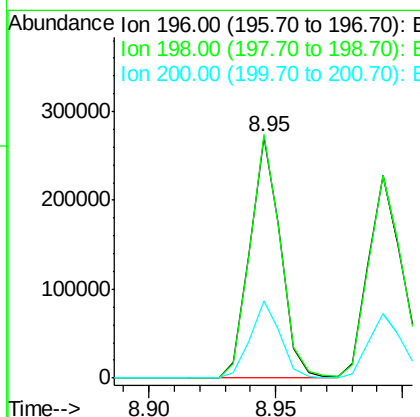
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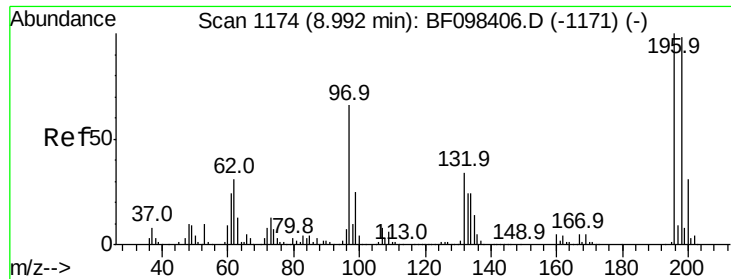
Sohil
 9/13/2017 5:00:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.330 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228292		
198	100.9	74.2	111.4	
200	32.3	24.0	36.0	





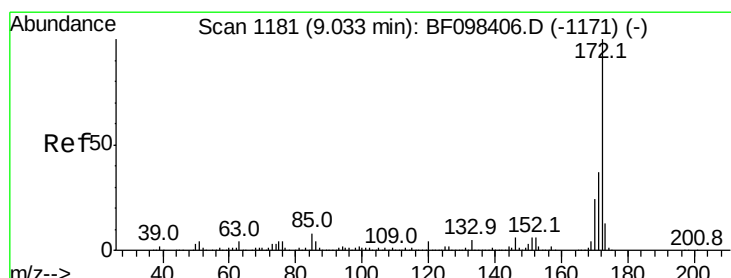
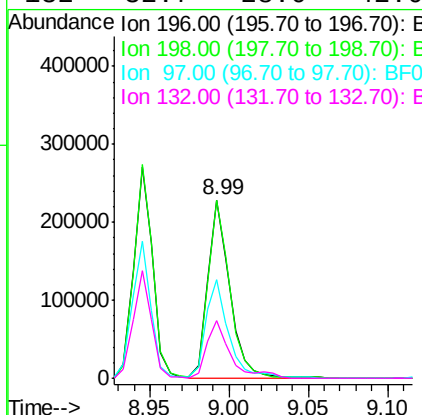
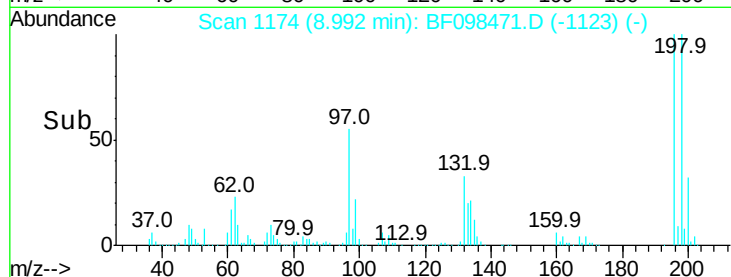
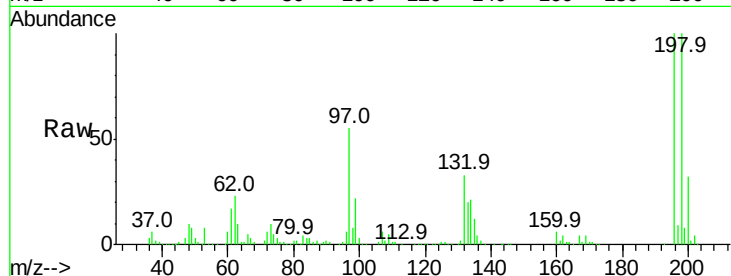
#43
 2,4,5-Trichlorophenol
 Concen: 44.249 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	196	Resp	223081
Ion Ratio	Lower	Upper	
196	100		
198	99.9	75.7	113.5
97	55.4	47.7	71.5
132	32.7	28.0	42.0

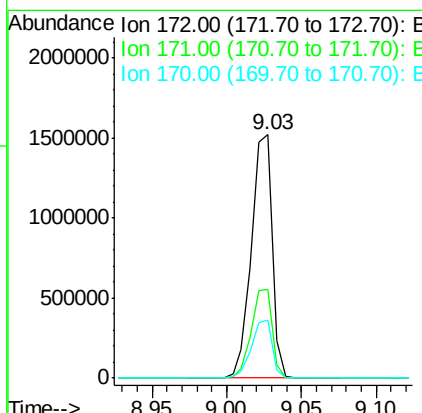
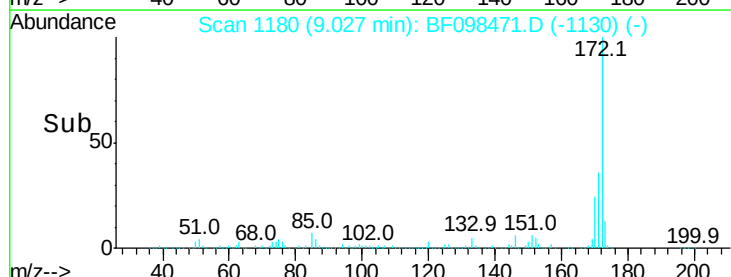
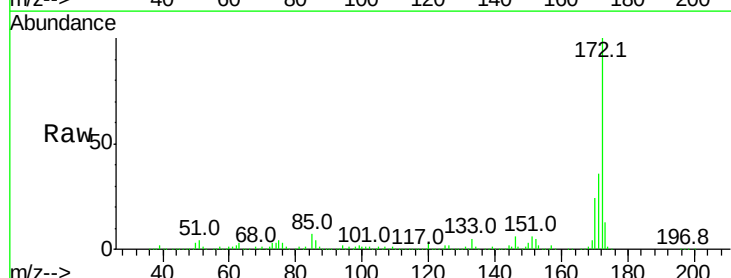
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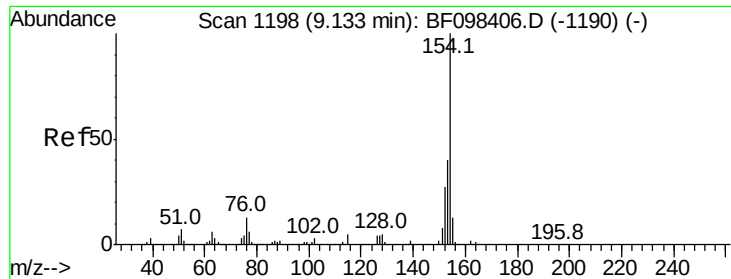
Sohil
 9/13/2017 5:00:25 PM



#44
 2-Fluorobiphenyl
 Concen: 93.795 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	172	Resp	1458880
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.876 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1035306

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

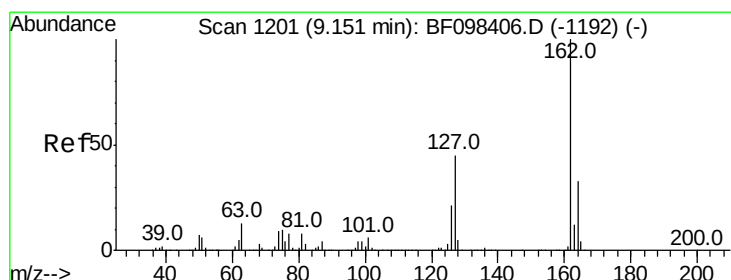
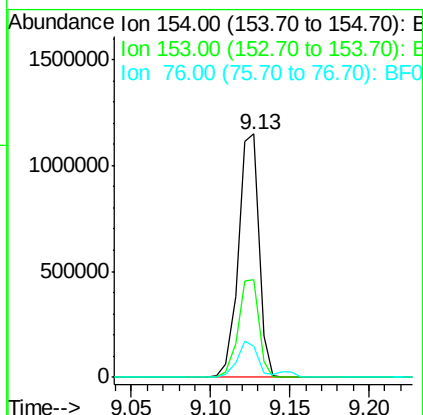
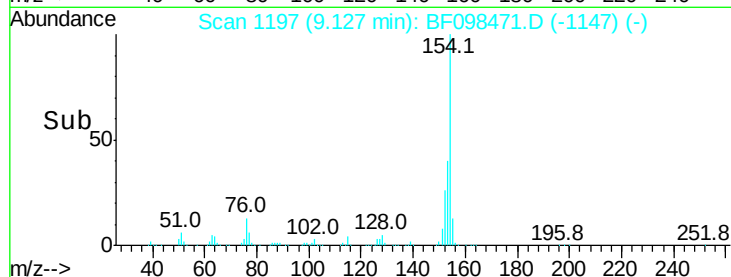
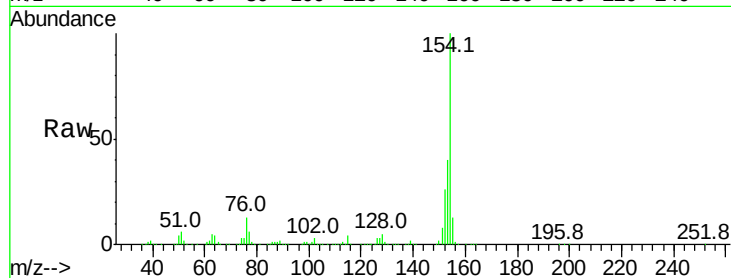
76 12.9 0.0 29.9

Manual Integrations

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9/13/2017 5:00:25 PM



#46

2-Chloronaphthalene

Concen: 42.650 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

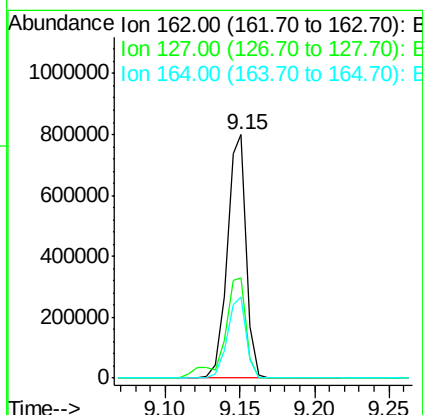
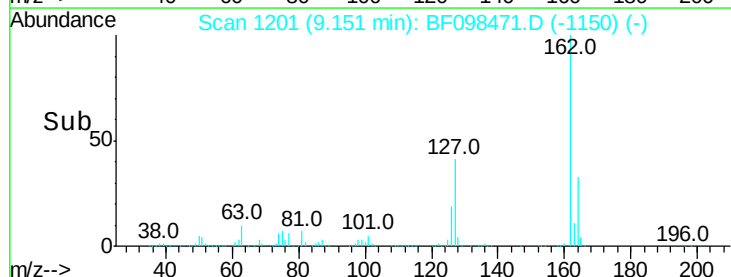
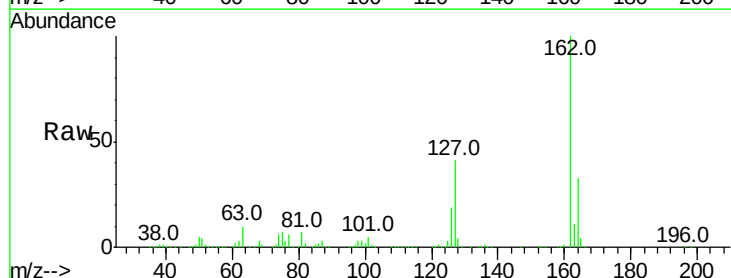
Tgt Ion:162 Resp: 718726

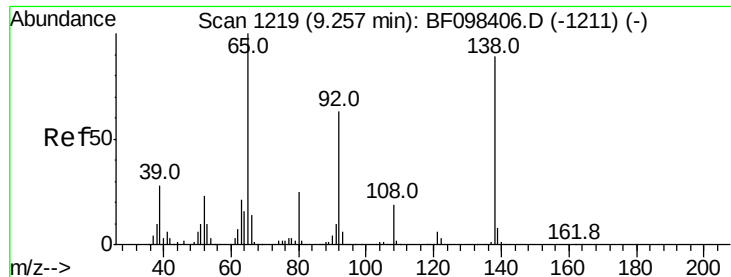
Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

164 33.2 27.0 40.4





#47

2-Nitroaniline

Concen: 41.476 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

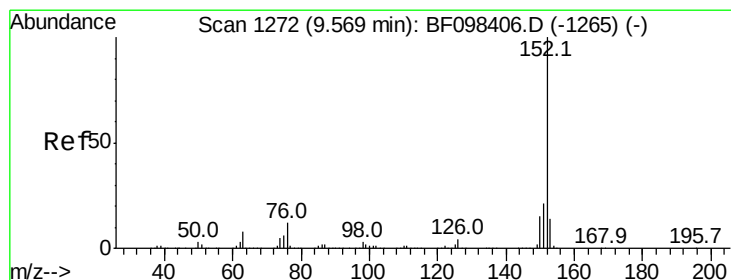
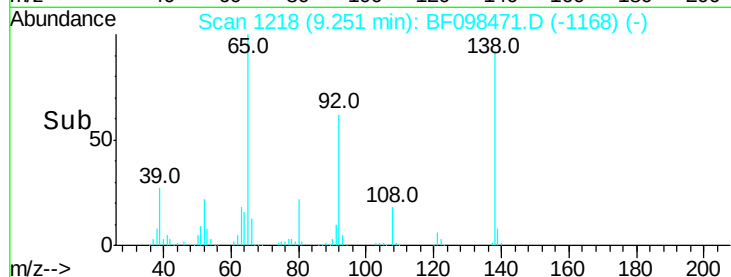
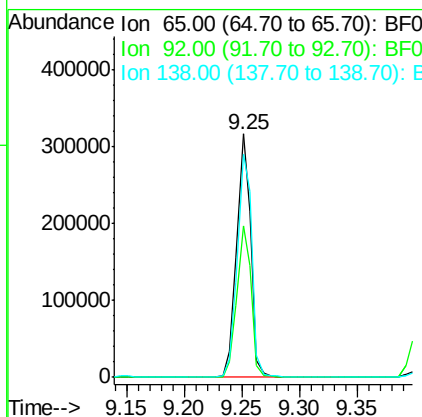
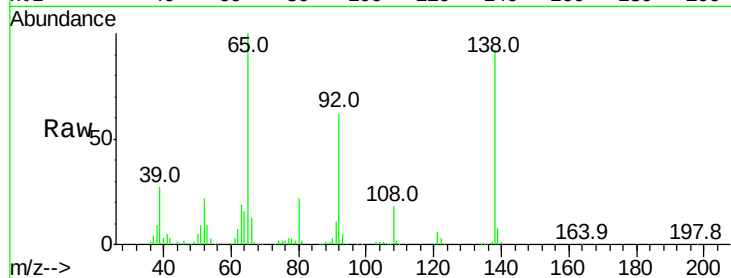
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	268264
Ion Ratio	Lower	Upper	
65	100		
92	62.4	53.9	80.9
138	91.6	78.8	118.2

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9/13/2017 5:00:25 PM



#48

Acenaphthylene

Concen: 40.836 ng

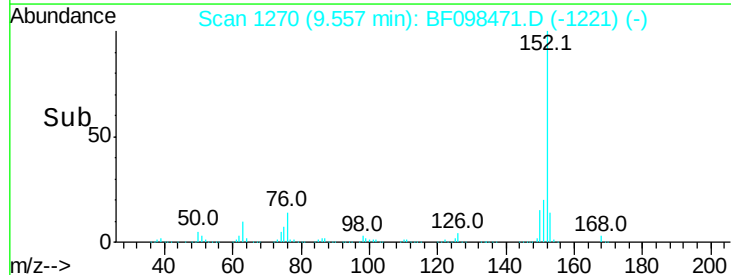
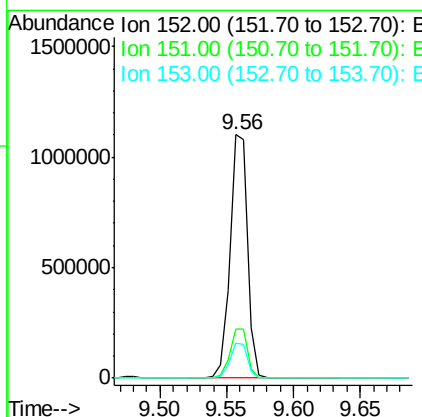
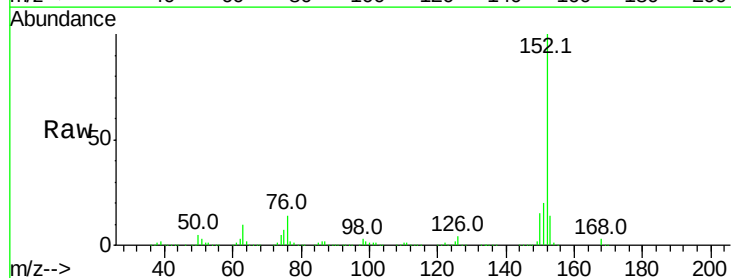
RT: 9.56 min Scan# 1270

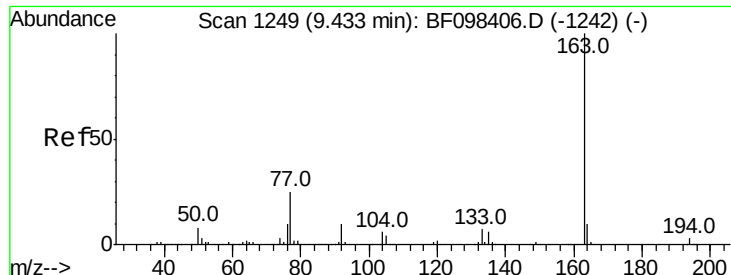
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	152	Resp:	1023194
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	14.3	10.8	16.2





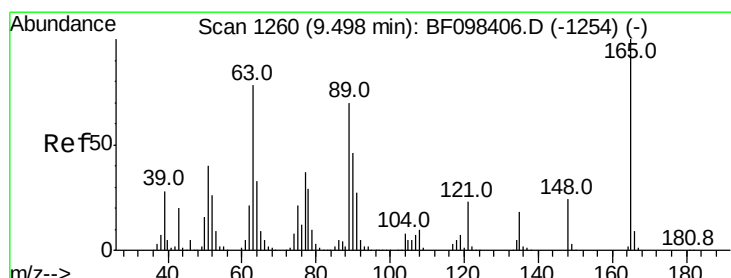
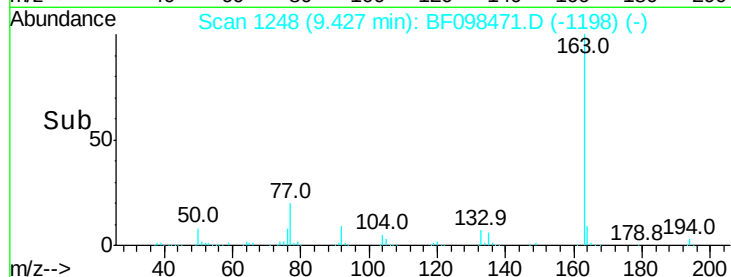
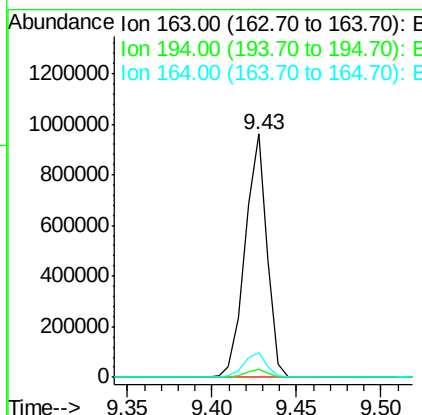
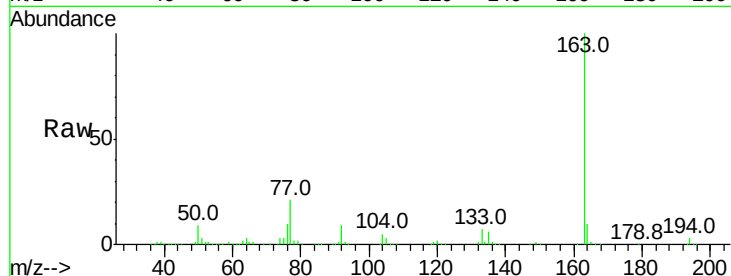
#49
Dimethylphthalate
Concen: 42.451 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.0	8.4	12.6	

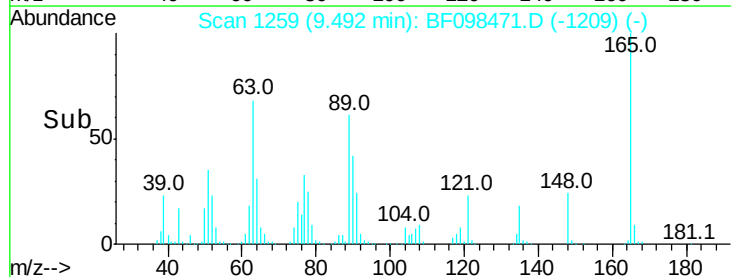
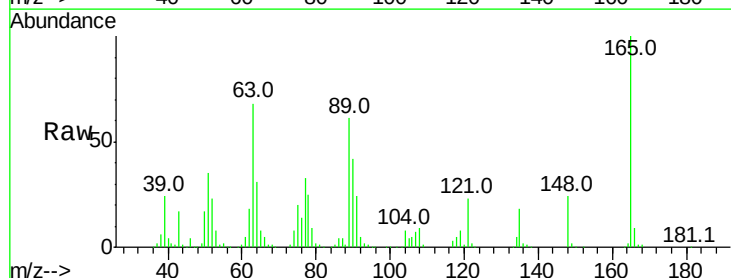
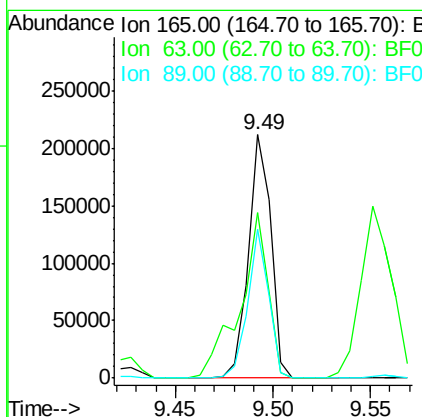
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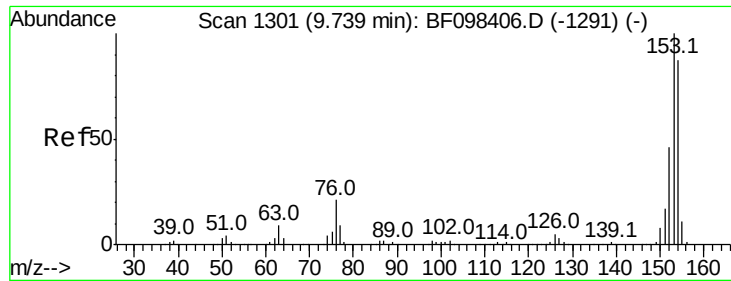
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.251 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.7	34.3	51.5#	
89	61.3	37.1	55.7#	





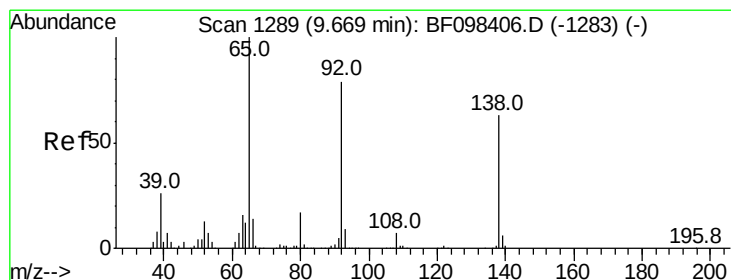
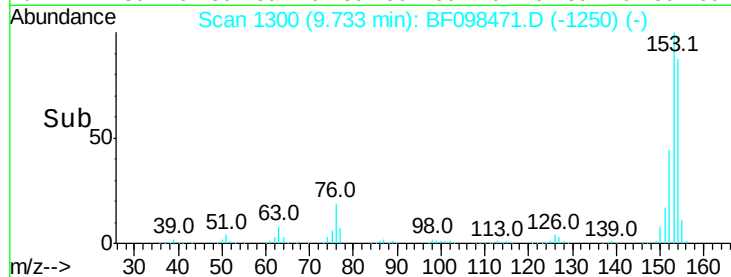
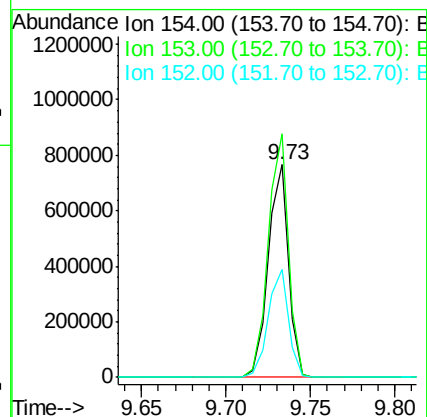
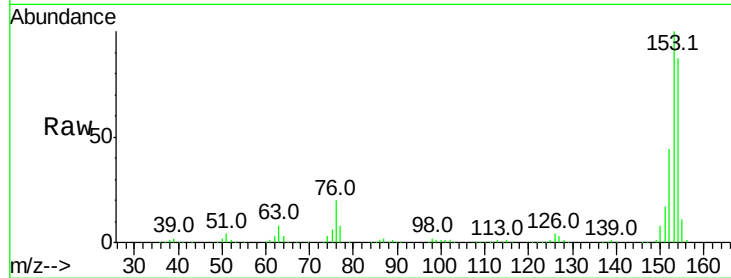
#51
Acenaphthene
Concen: 39.968 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	50.7	43.6	65.4

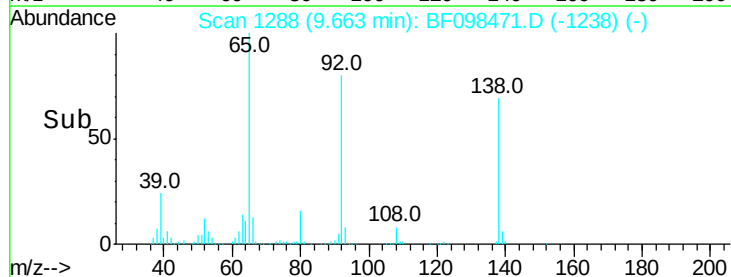
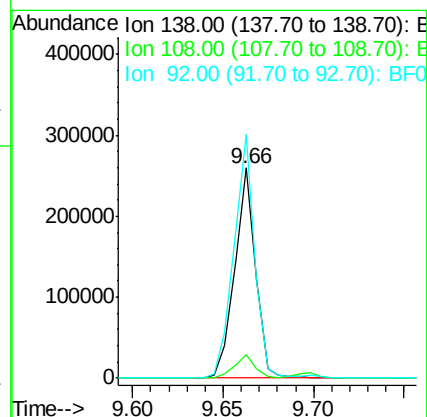
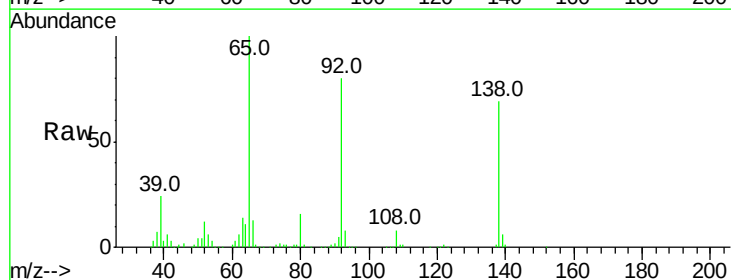
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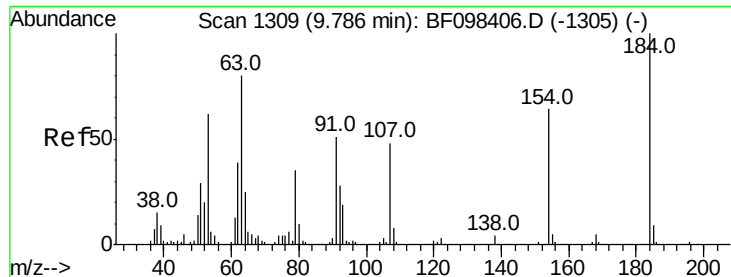
Sohil
9/13/2017 5:00:25 PM



#52
3-Nitroaniline
Concen: 41.521 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	116.0	93.8	140.6





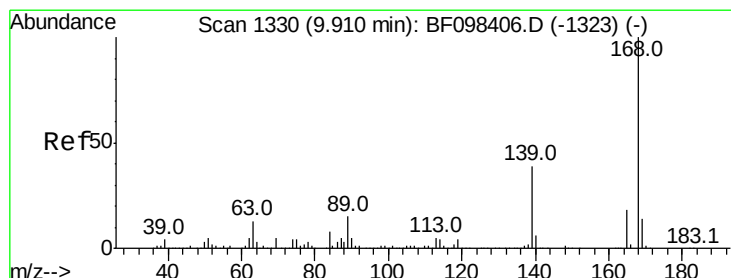
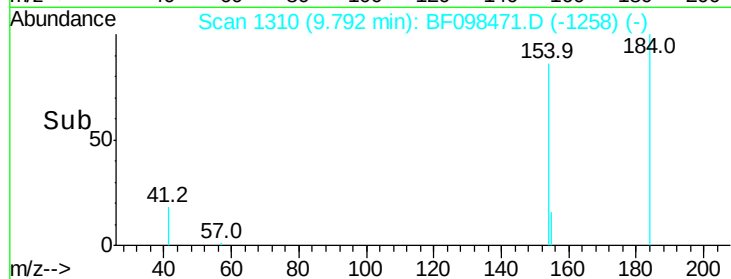
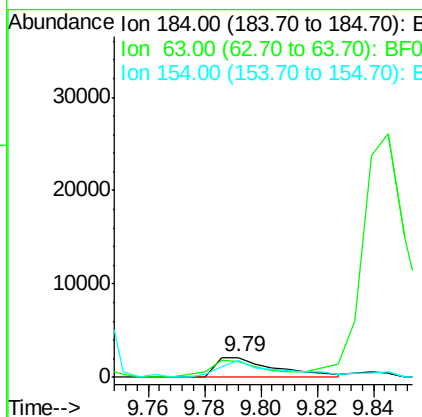
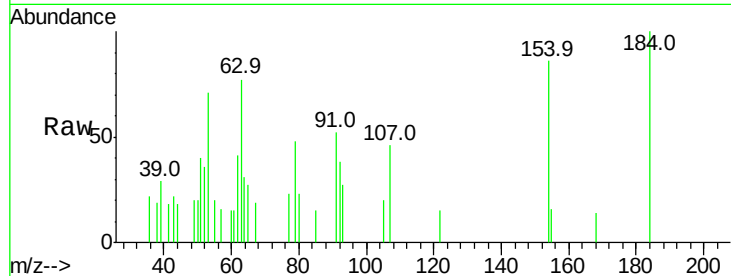
#53
 2,4-Dinitrophenol
 Concen: 9.918 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.6	62.7	94.1
154	86.4	81.1	121.7

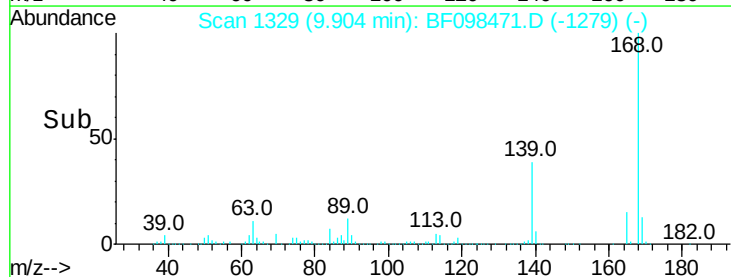
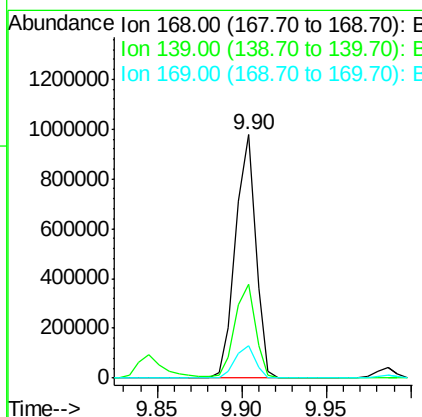
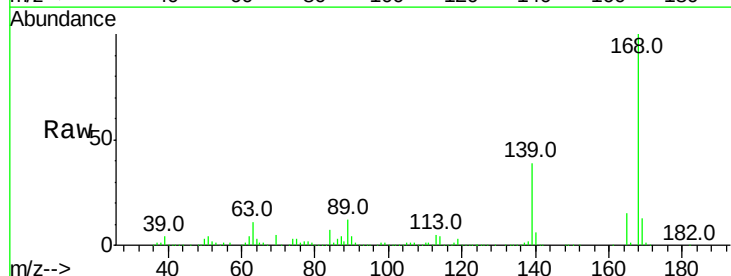
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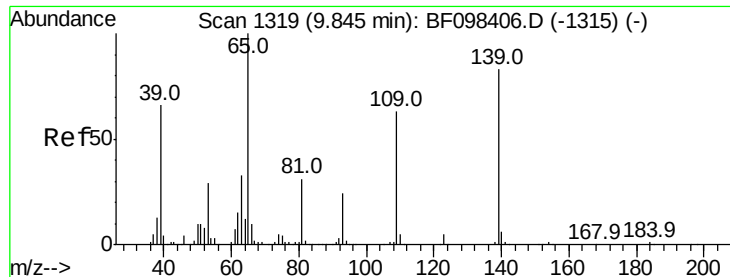
Sohil
 9/13/2017 5:00:25 PM



#54
 Dibenzofuran
 Concen: 38.856 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	45.8
169	13.5	10.8	16.2





#55

4-Nitrophenol

Concen: 35.295 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:139 Resp: 102606

Ion Ratio Lower Upper

139 100

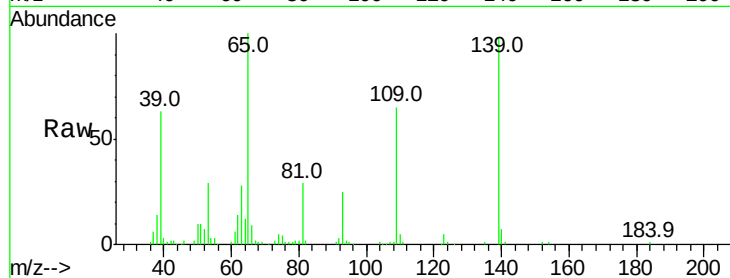
109 66.0 34.1 74.1

65 102.0 31.4 71.4#

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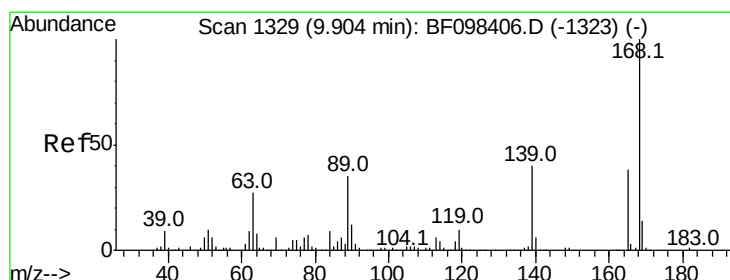
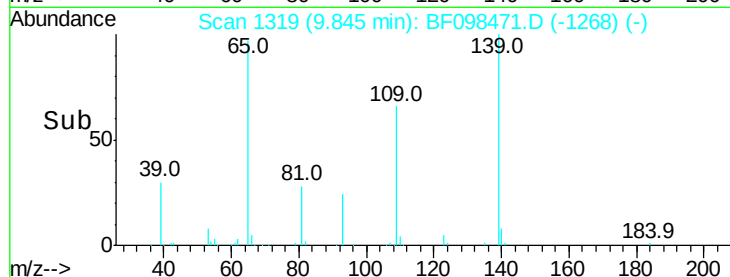
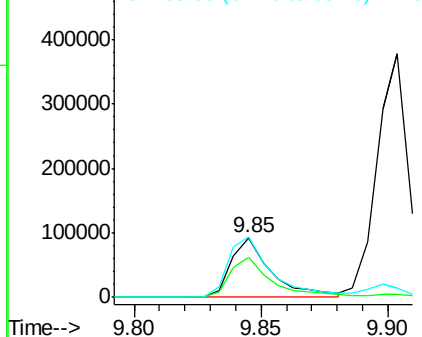
9/13/2017 5:00:25 PM



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: 36.145 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:165 Resp: 184197

Ion Ratio Lower Upper

165 100

63 69.4 25.4 38.0#

89 85.3 46.4 69.6#

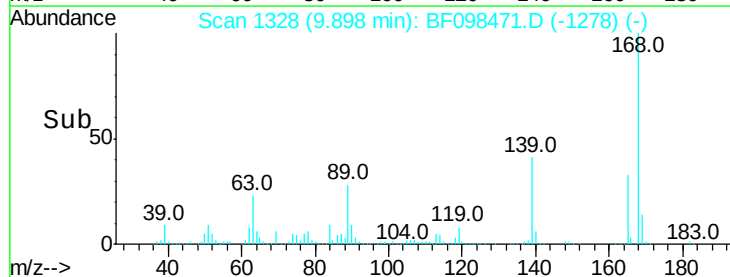
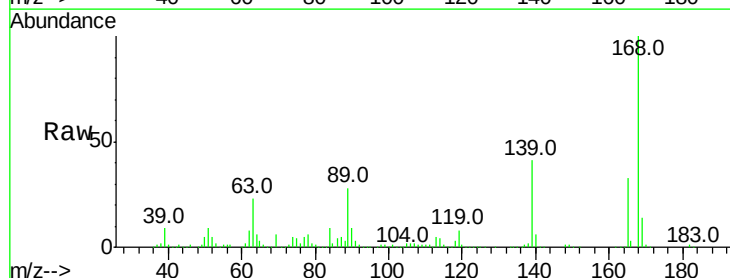
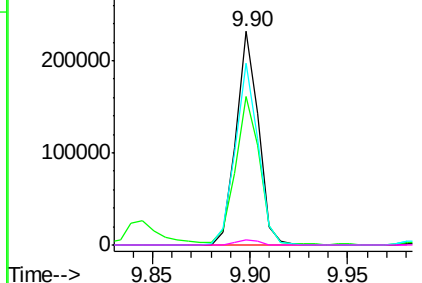
182 2.3 1.8 2.6

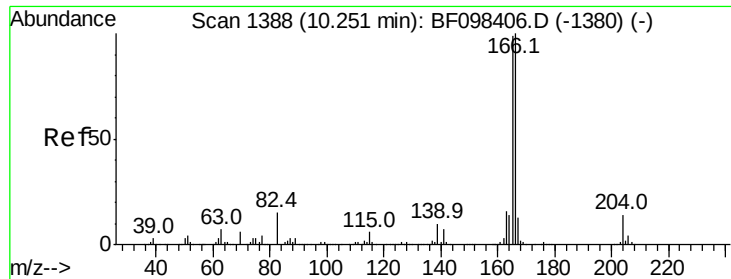
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.311 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 647981

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

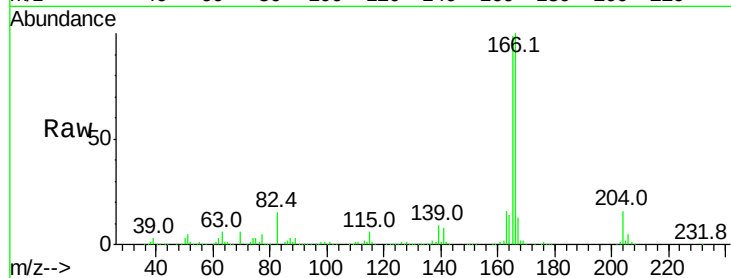
167 13.2 10.6 16.0

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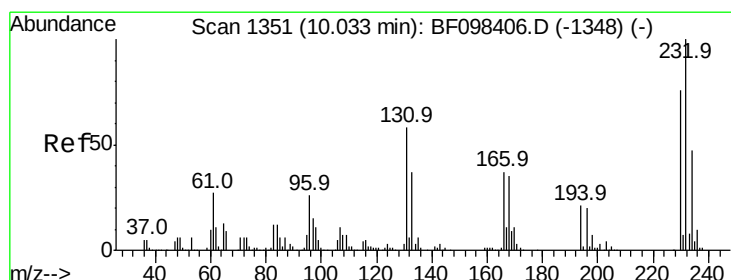
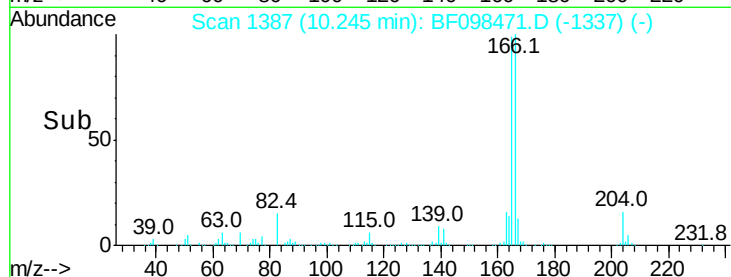
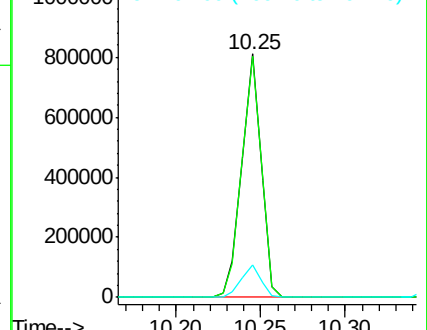
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.782 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:232 Resp: 131401

Ion Ratio Lower Upper

232 100

131 54.0 44.8 67.2

130 2.7 2.3 3.5

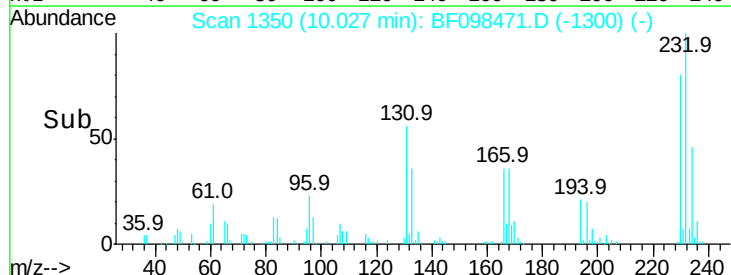
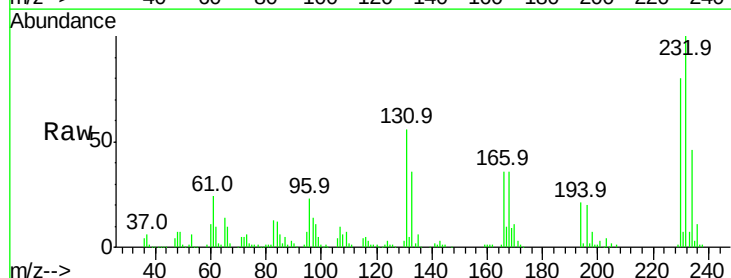
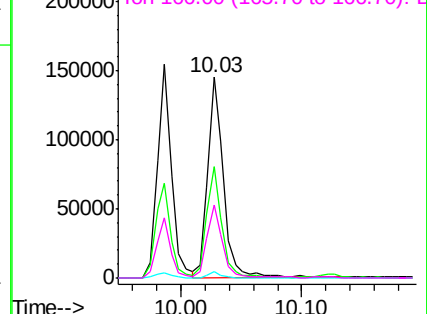
166 35.4 29.0 43.4

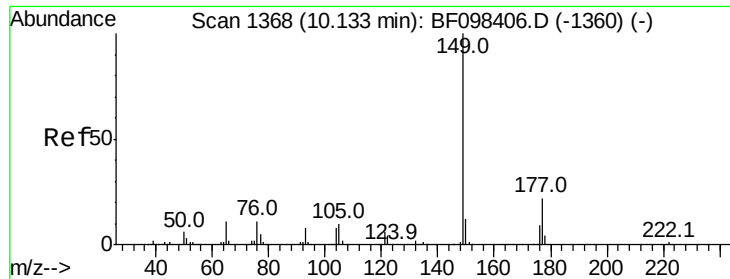
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





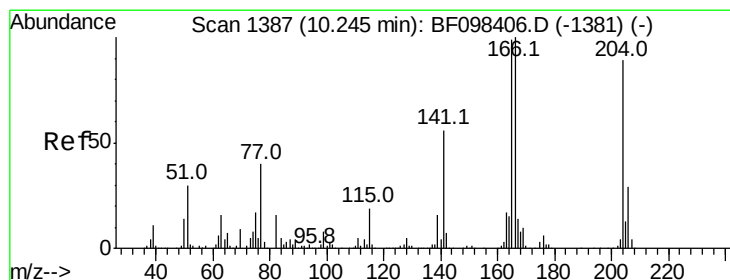
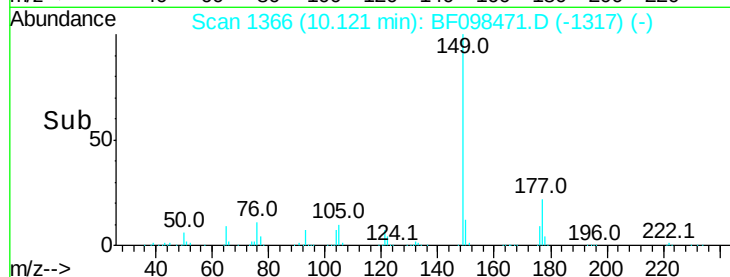
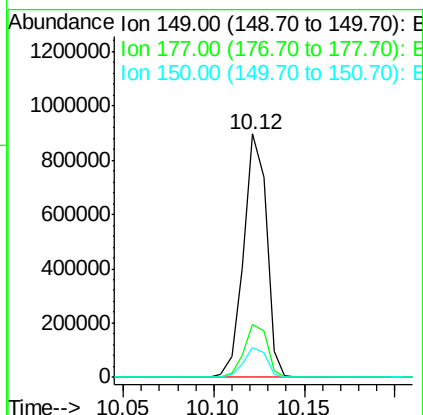
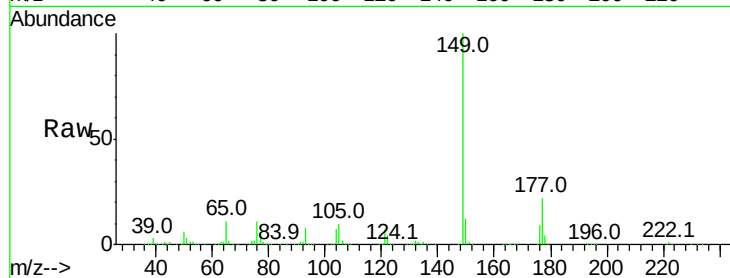
#59
Diethylphthalate
Concen: 40.556 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2

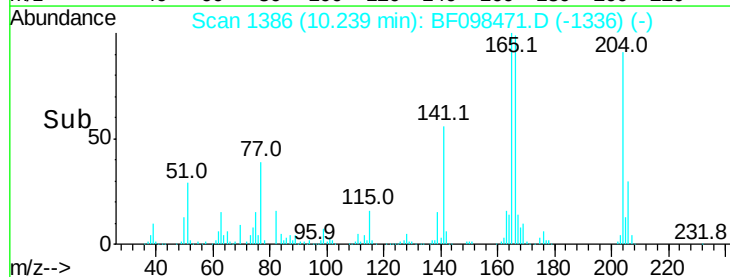
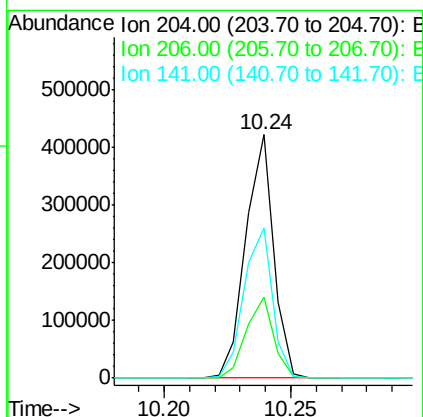
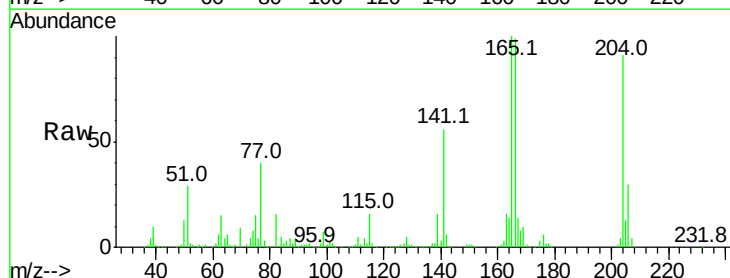
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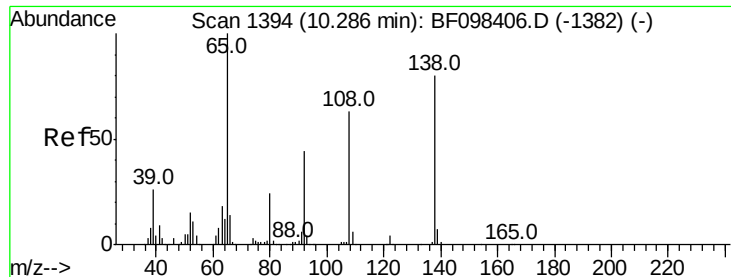
Sohil
9/13/2017 5:00:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.322 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	61.9	60.8	91.2





#61

4-Nitroaniline

Concen: 37.437 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

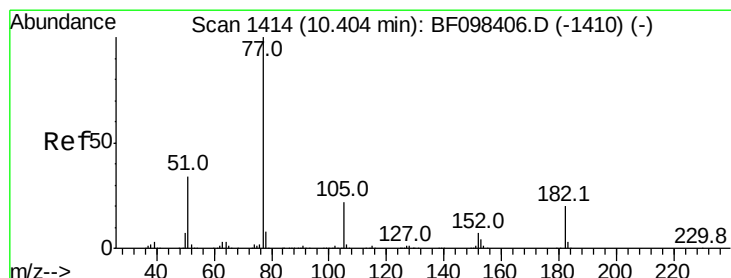
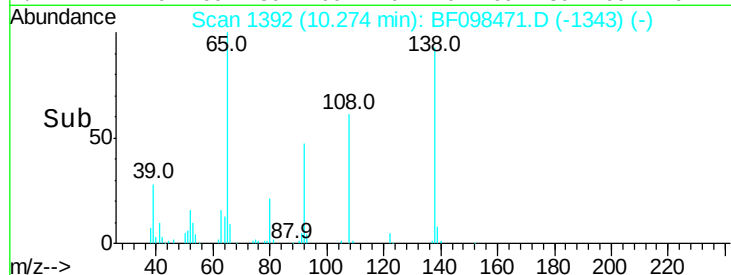
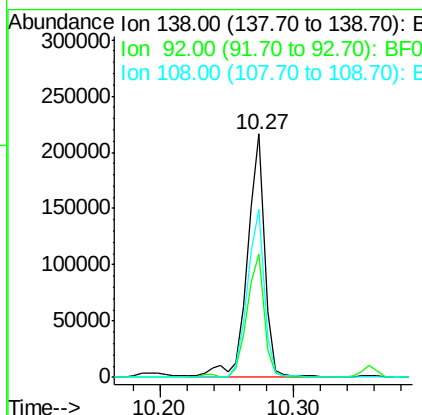
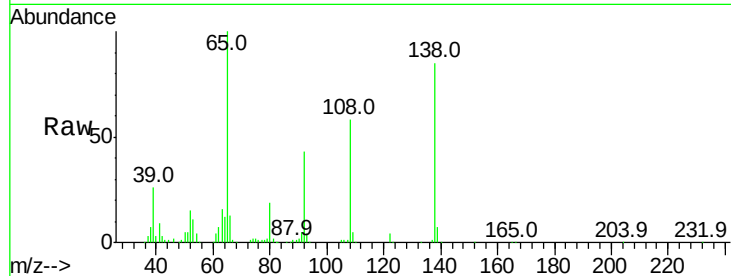
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	191307
Ion Ratio	Lower	Upper	
138	100		
92	50.5	21.8	61.8
108	69.1	42.3	82.3

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9/13/2017 5:00:25 PM



#62

Azobenzene

Concen: 33.749 ng

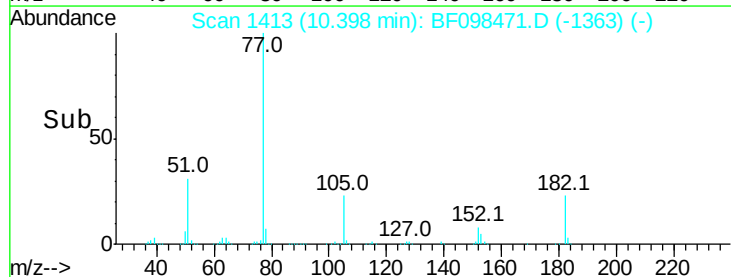
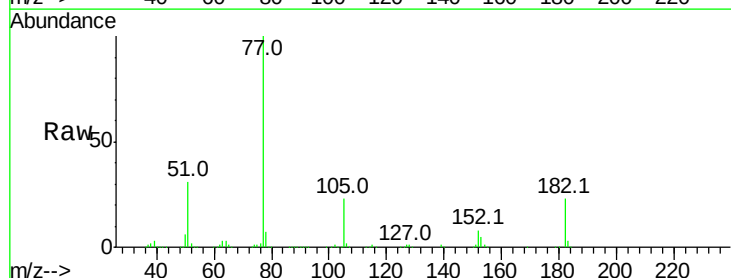
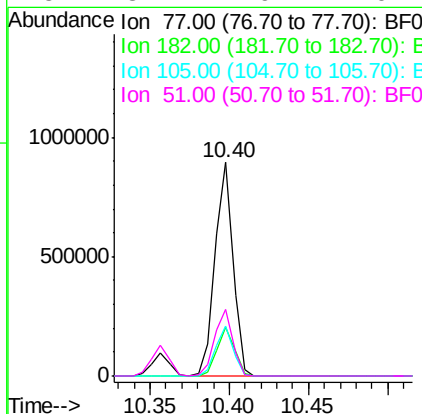
RT: 10.40 min Scan# 1413

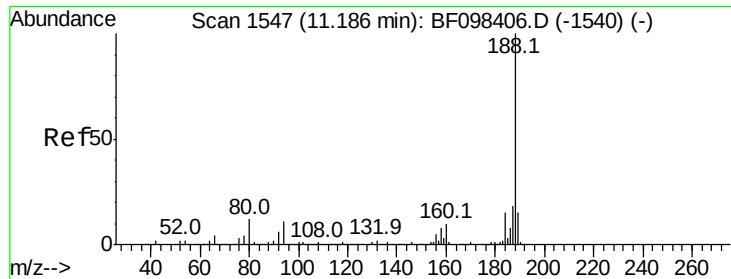
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	77	Resp:	705931
Ion Ratio	Lower	Upper	
77	100		
182	22.9	0.1	40.1
105	23.1	3.6	43.6
51	31.1	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

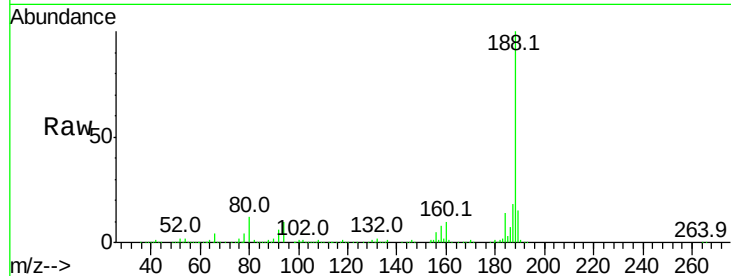
ClientSampleId :

SSTDCCC040EC

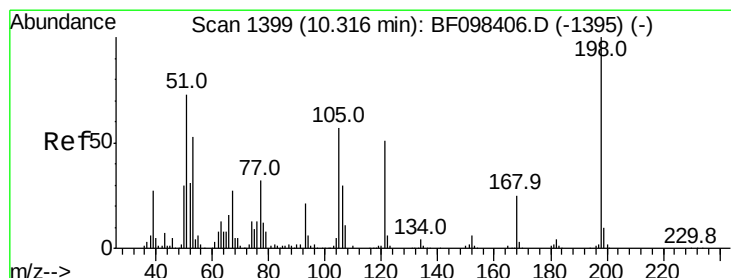
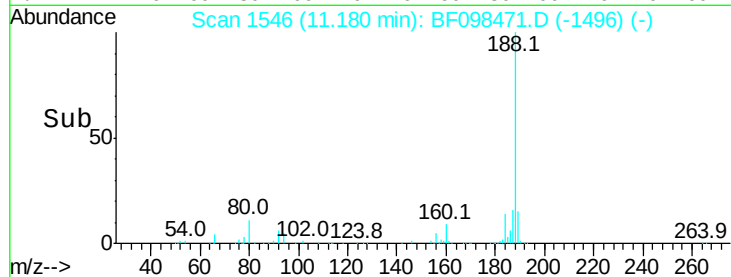
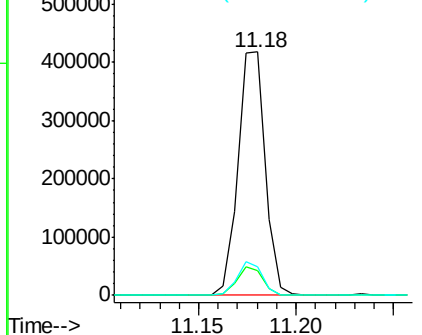
Tot Ion:188	Resp:	403788
Ion Ratio	Lower	Upper
188 100		
94 10.2	9.4	14.2
80 11.8	10.2	15.2

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 8.782 ng

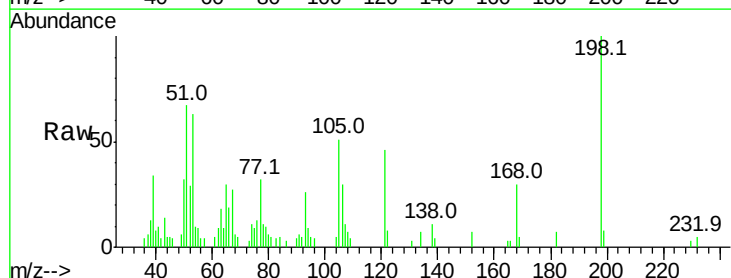
RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

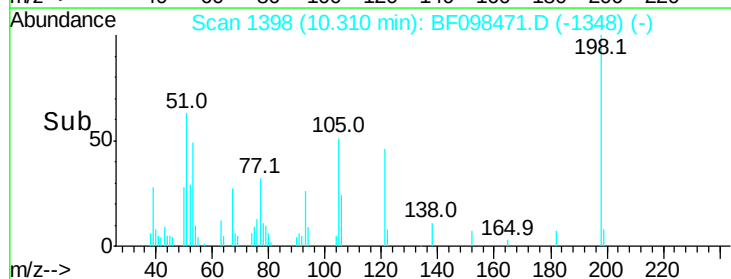
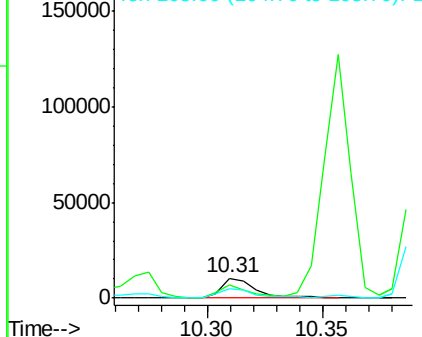
Lab File: BF098471.D

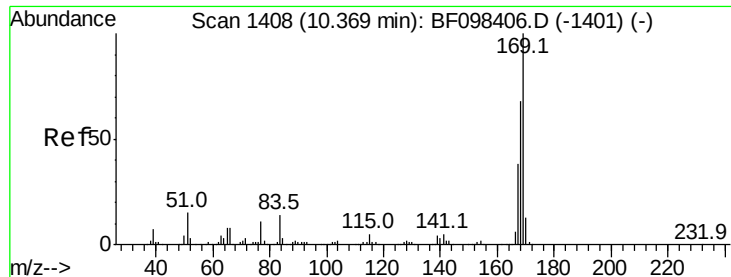
Acq: 13 Sep 2017 00:57

Tgt Ion:198	Resp:	10547
Ion Ratio	Lower	Upper
198 100		
51 67.2	53.2	93.2
105 50.6	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E





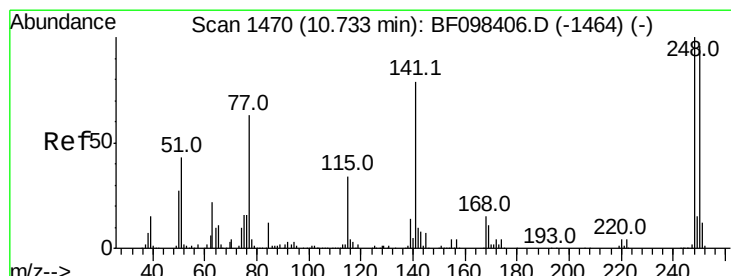
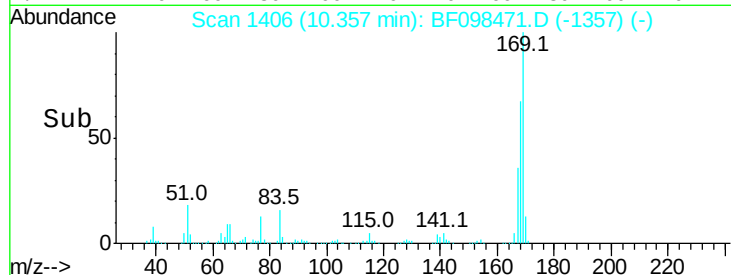
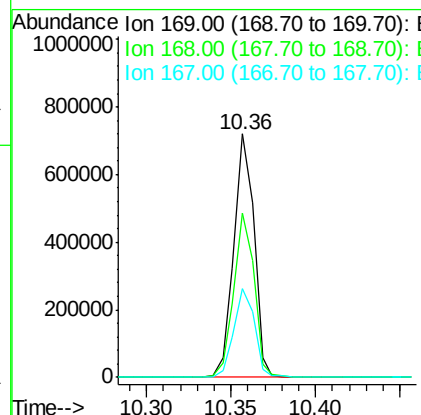
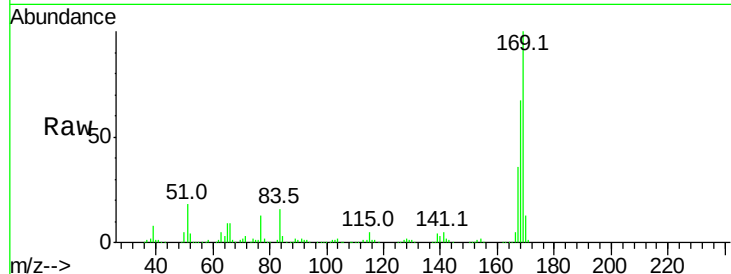
#65
 n-Nitrosodiphenylamine
 Concen: 45.485 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	596358		
168	67.4	53.2	79.8	
167	36.4	29.5	44.3	

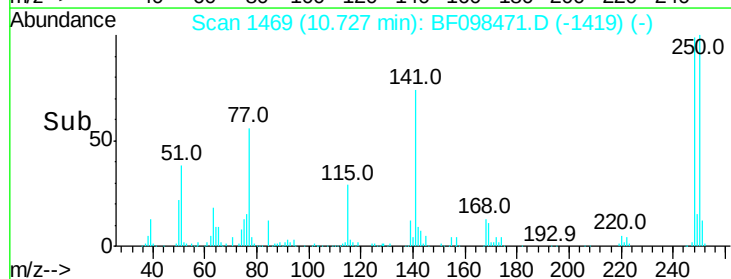
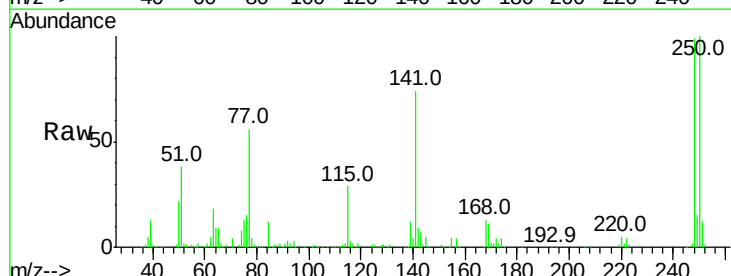
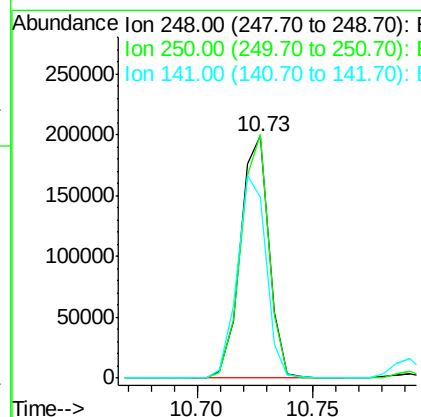
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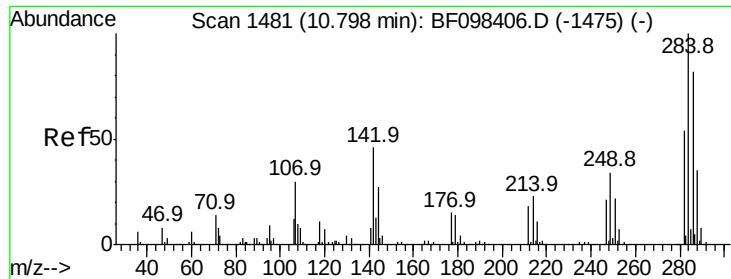
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#66
 4-Bromophenyl-phenylether
 Concen: 44.808 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	171718		
250	100.7	76.8	115.2	
141	74.7	68.6	103.0	





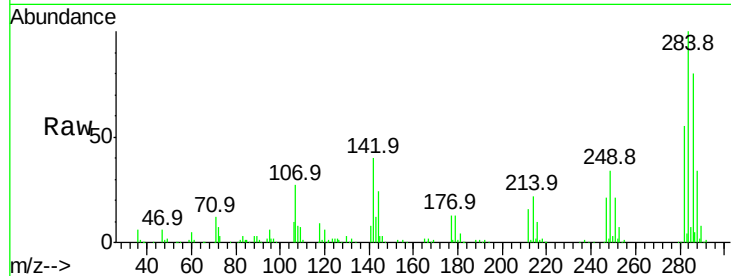
#67
Hexachlorobenzene
Concen: 42.997 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

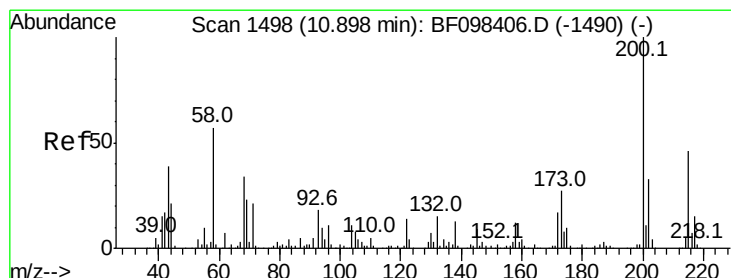
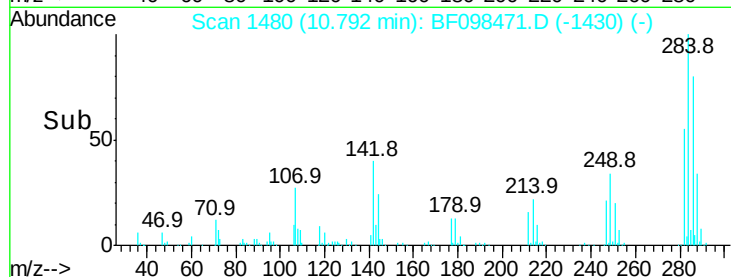
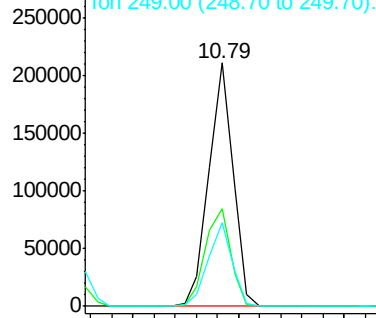
Tot Ion	Ratio	Resp	Lower	Upper
284	100	167141		
142	40.3	22.8	34.2	#
249	34.3	24.0	36.0	

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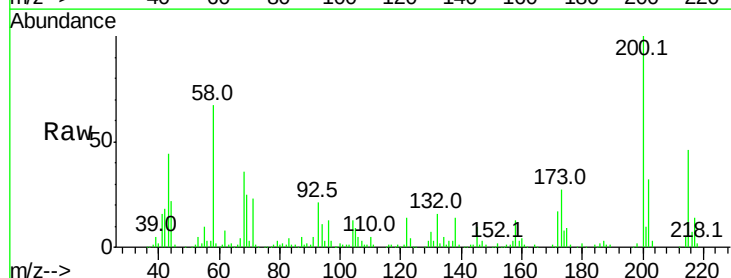


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

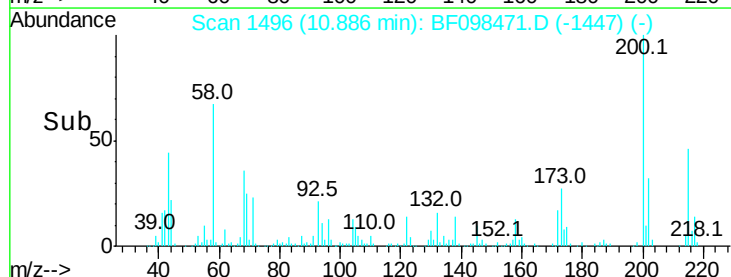
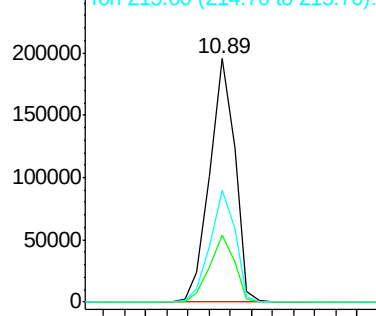


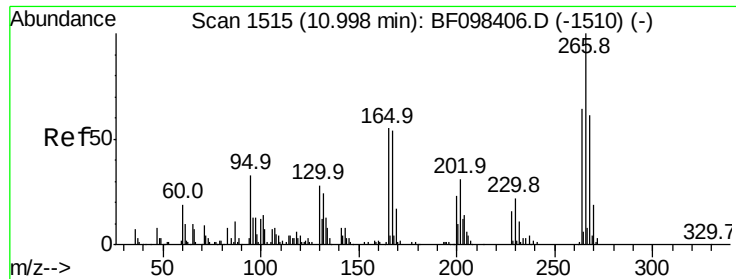
#68
Atrazine
Concen: 39.962 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161304		
173	27.4	6.3	46.3	
215	46.1	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





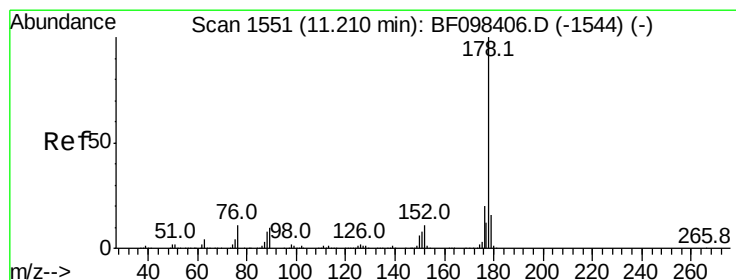
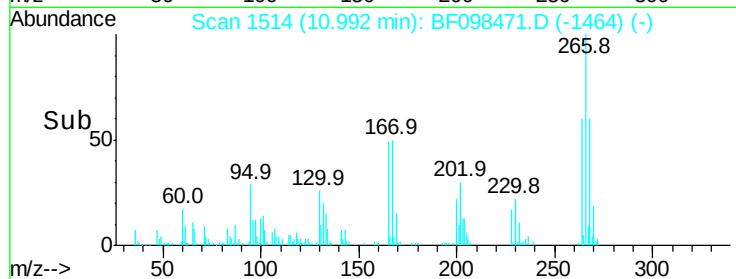
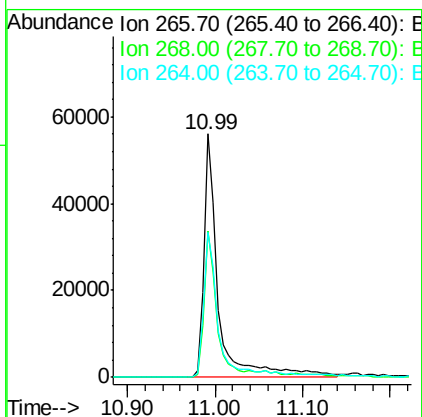
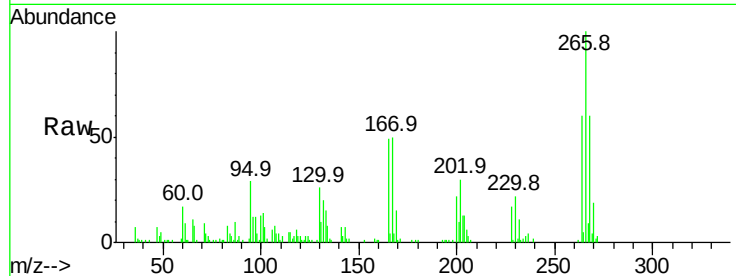
#69
 Pentachlorophenol
 Concen: 41.274 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	64693		
268	60.1		51.1	76.7
264	59.7		51.7	77.5

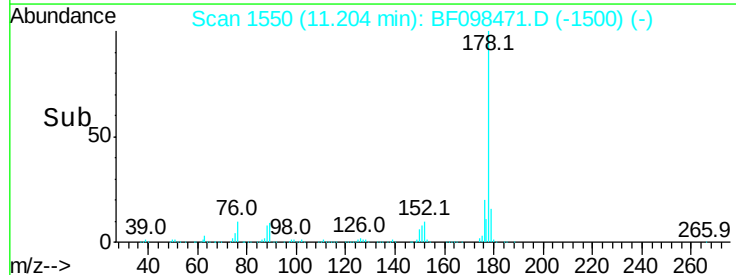
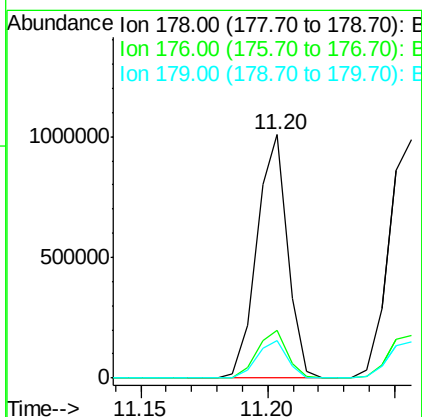
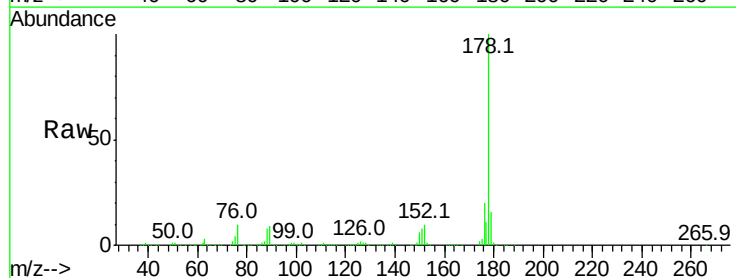
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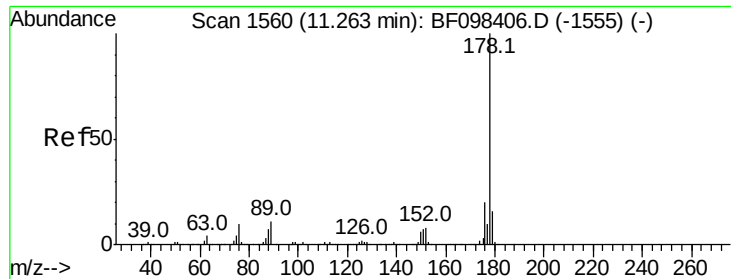
Sohil
 9/13/2017 5:00:25 PM



#70
 Phenanthrene
 Concen: 39.691 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	849635		
176	19.8		16.2	24.4
179	15.5		12.6	19.0





#71

Anthracene

Concen: 39.741 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 873403

Ion Ratio Lower Upper

178 100

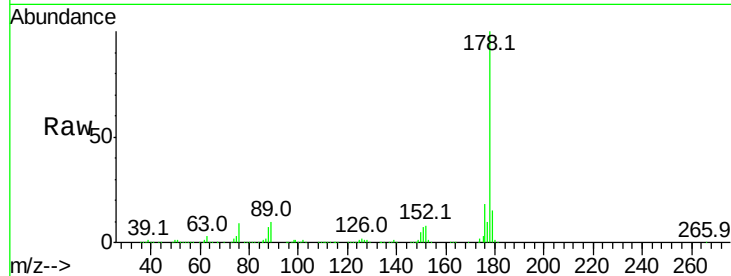
176 18.1 15.8 23.8

179 15.2 12.7 19.1

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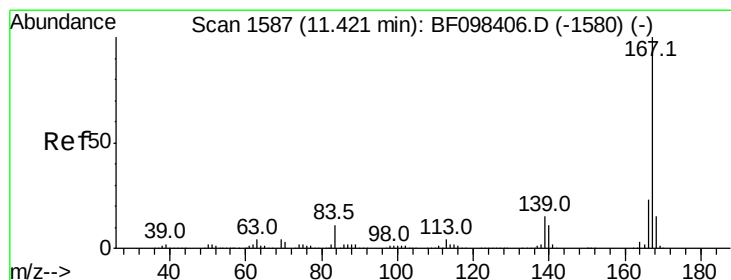
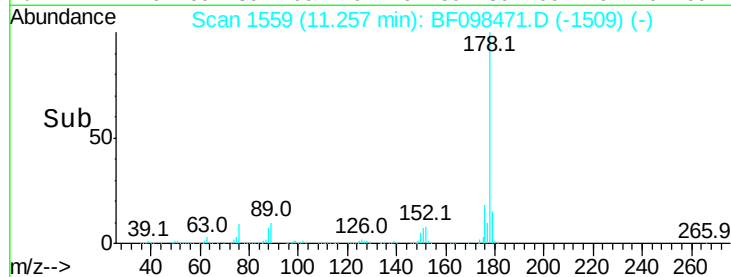
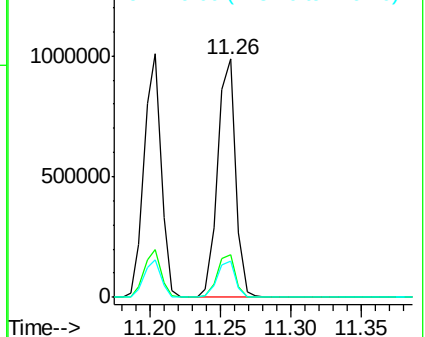
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.797 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

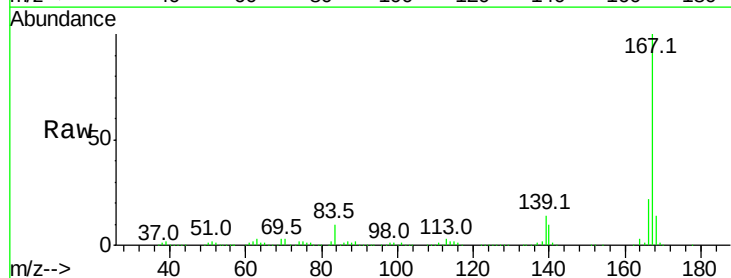
Tgt Ion:167 Resp: 794655

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

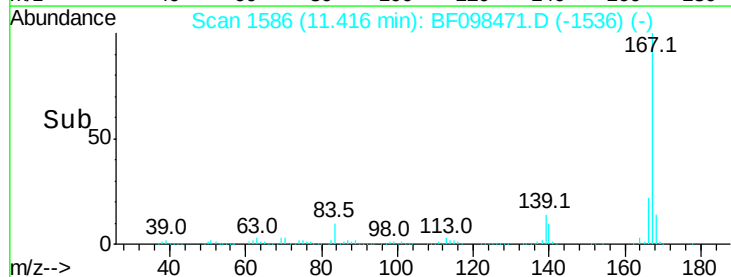
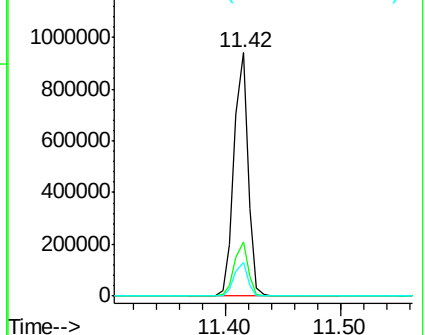
139 13.6 11.7 17.5

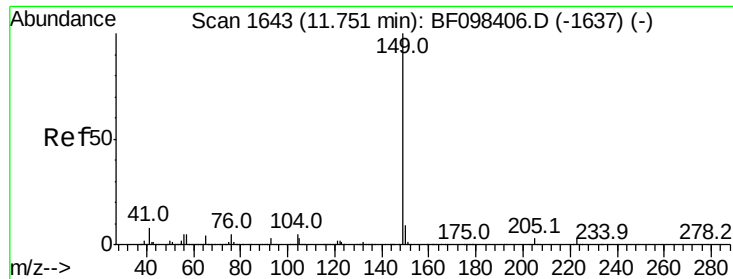


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.663 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1046978

Ion Ratio Lower Upper

149 100

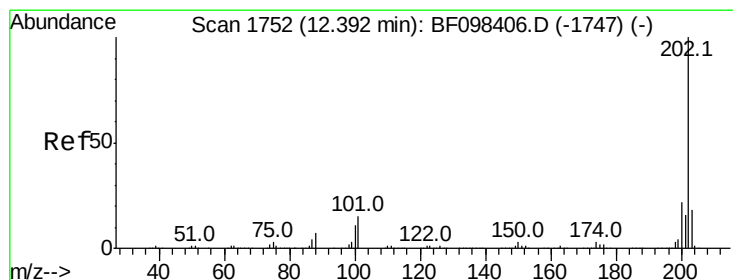
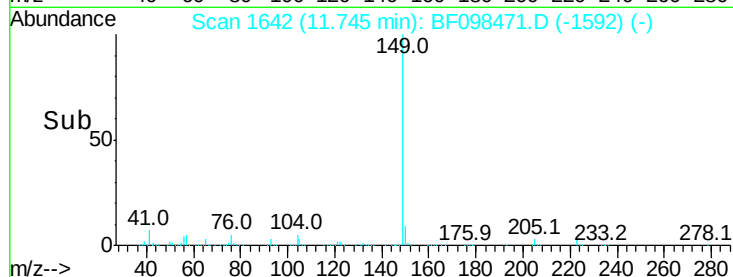
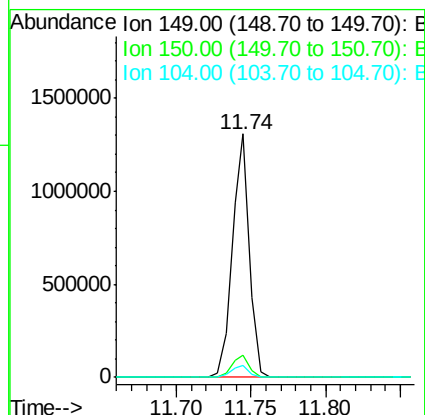
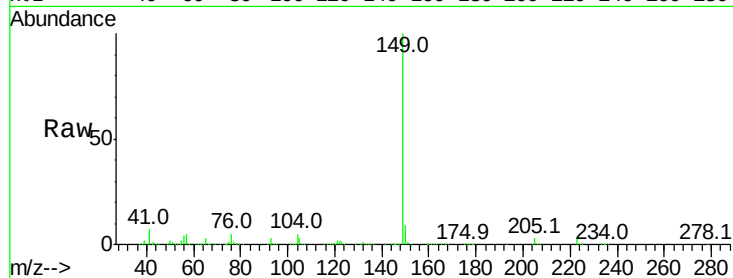
150 9.0 7.7 11.5

104 4.7 4.0 6.0

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9/13/2017 5:00:25 PM



#74

Fluoranthene

Concen: 39.714 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

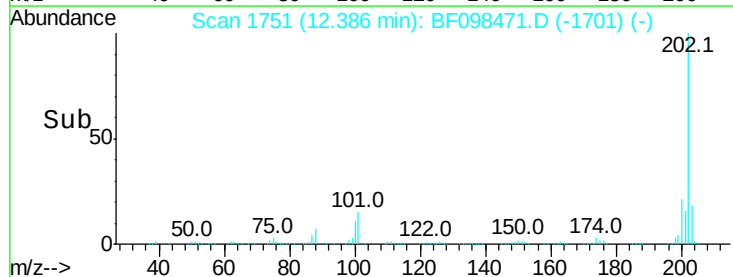
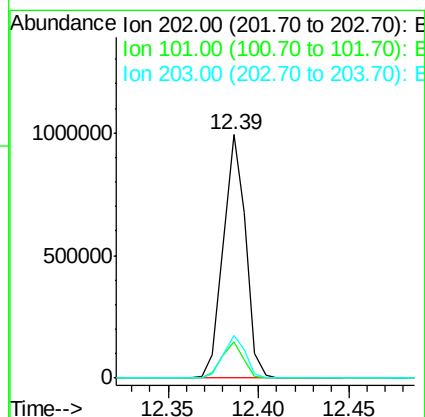
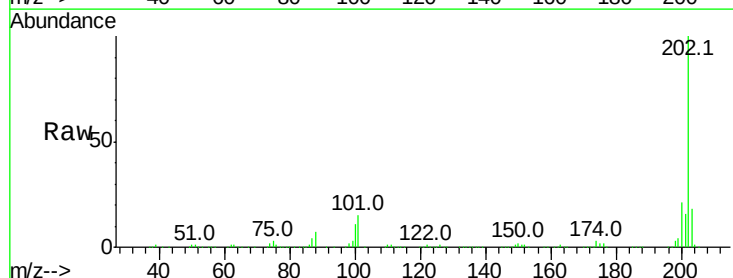
Tgt Ion:202 Resp: 851033

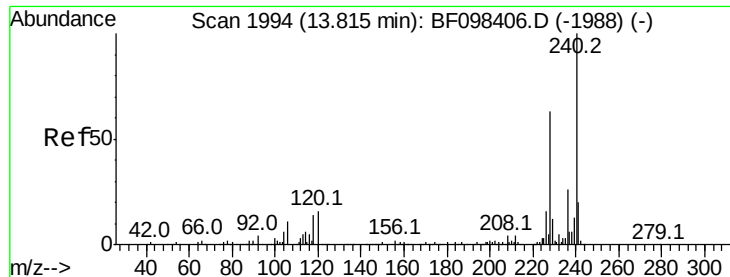
Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 328300

Ion Ratio Lower Upper

240 100

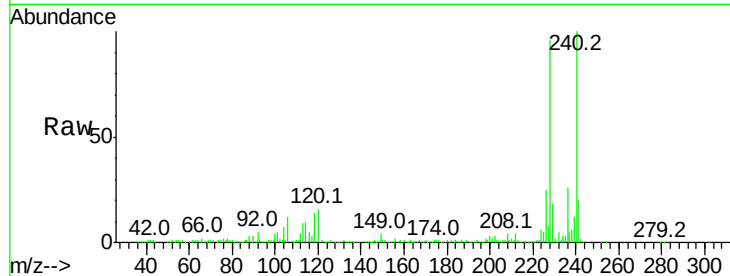
120 16.4 5.8 8.8#

236 26.2 20.5 30.7

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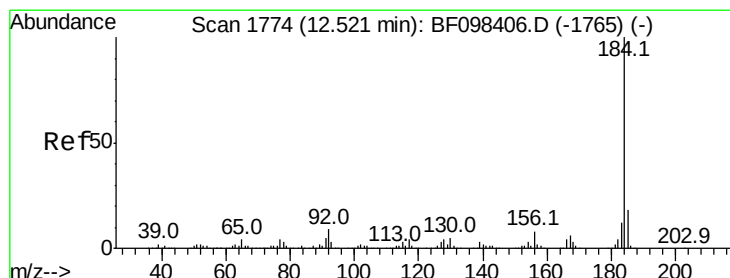
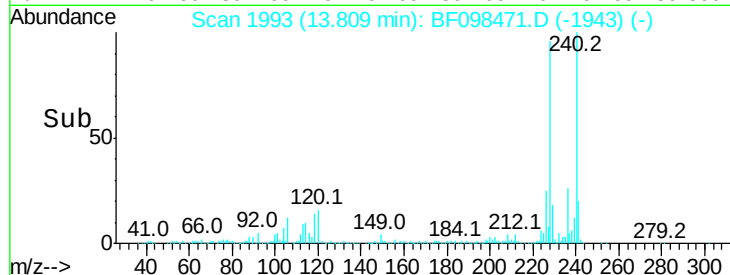
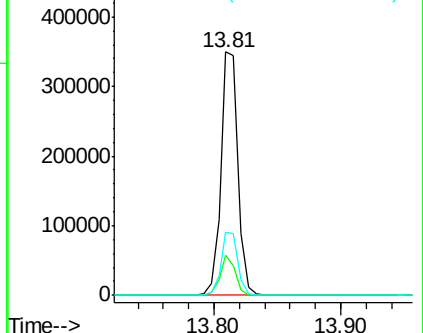
9/13/2017 5:00:25 PM



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: 35.792 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

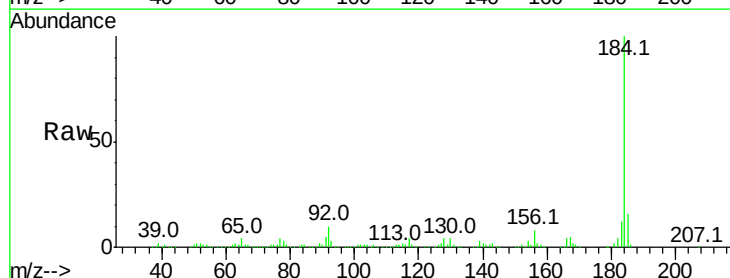
Tgt Ion:184 Resp: 520037

Ion Ratio Lower Upper

184 100

185 16.3 15.5 23.3

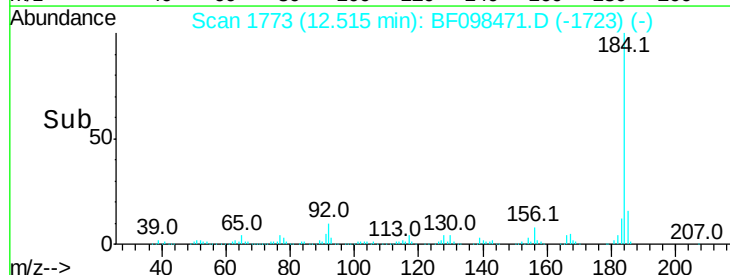
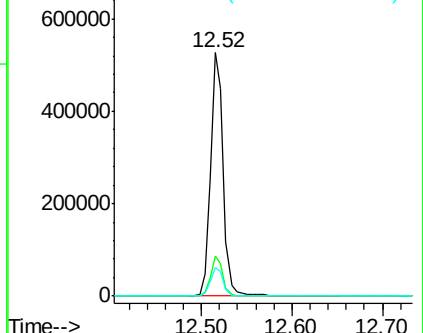
183 11.8 9.8 14.6

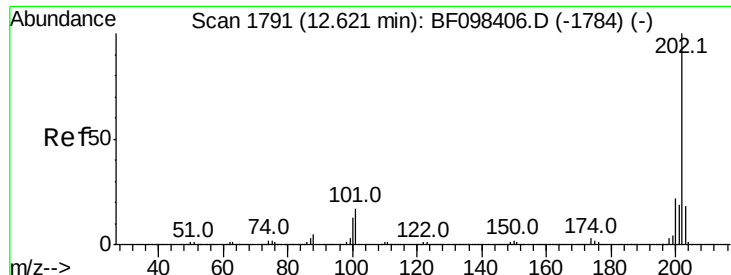


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





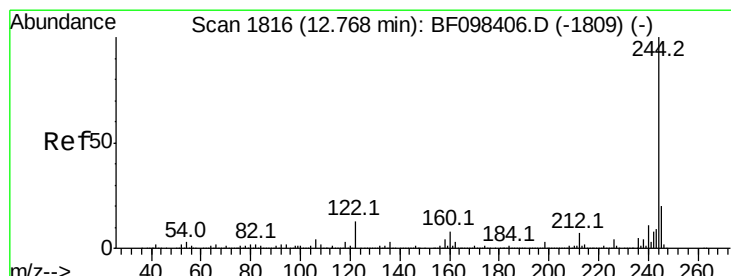
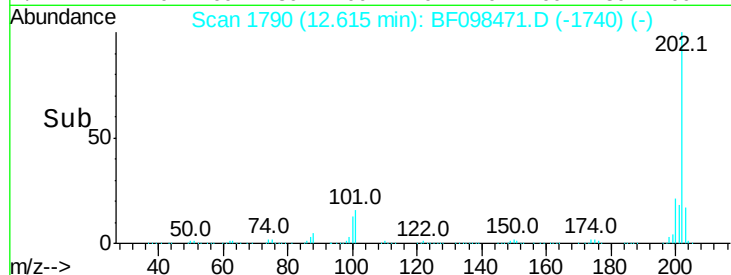
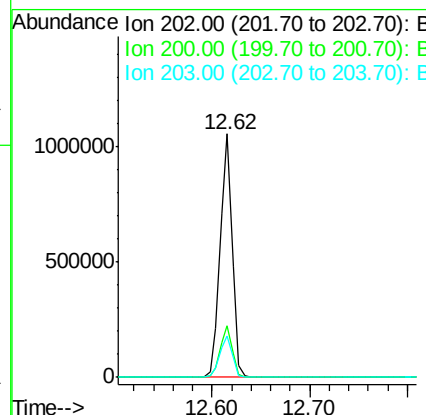
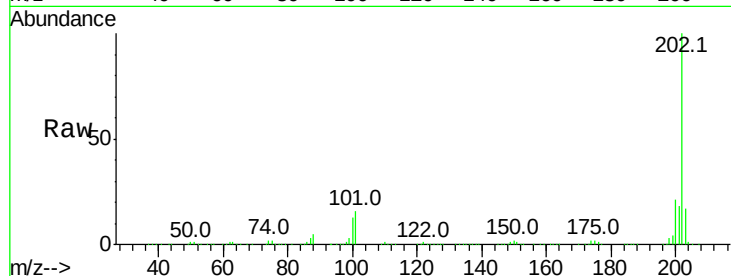
#77
Pvrene
Concen: 34.766 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.6	26.4	
203	17.2	14.4	21.6	

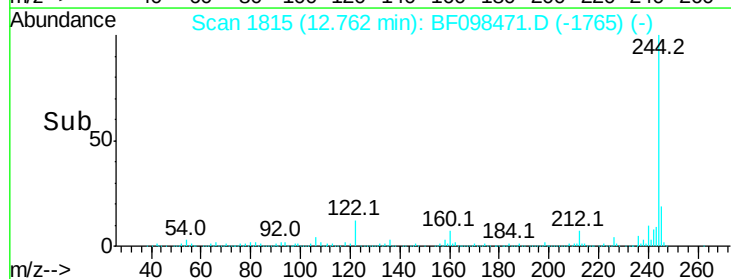
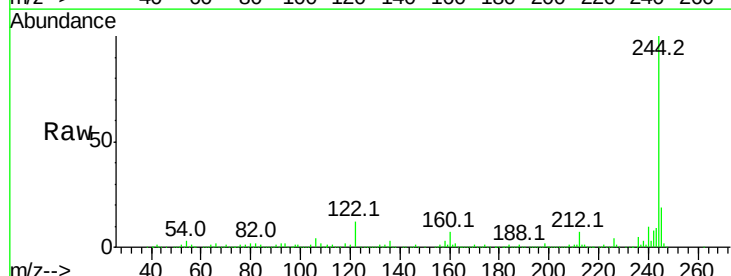
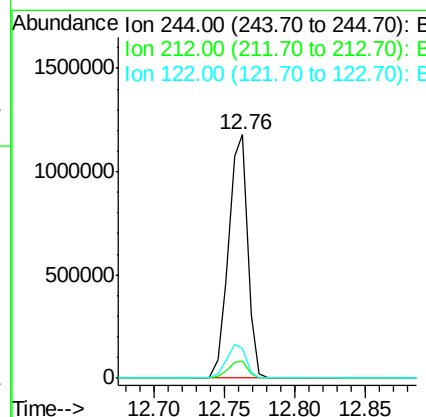
Manual Integrations
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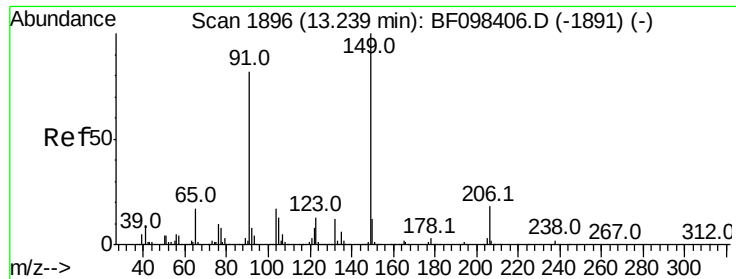
Sohil
9/13/2017 5:00:25 PM



#78
Terphenyl-d14
Concen: 72.969 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	12.3	10.3	15.5	





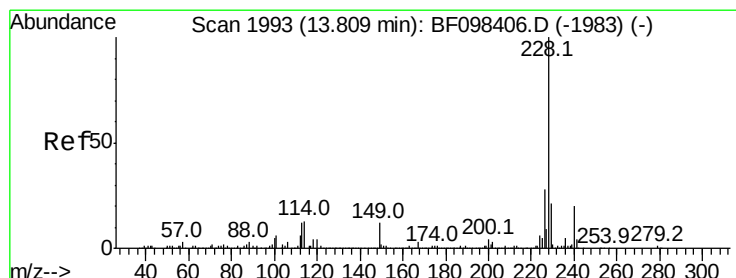
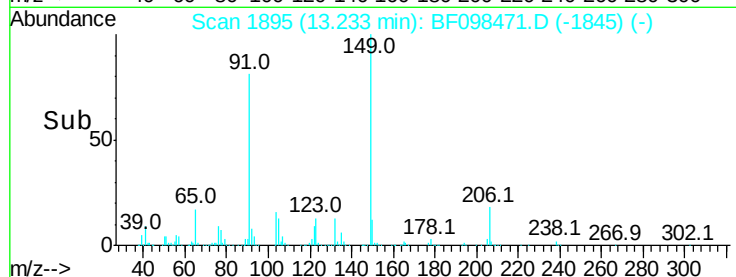
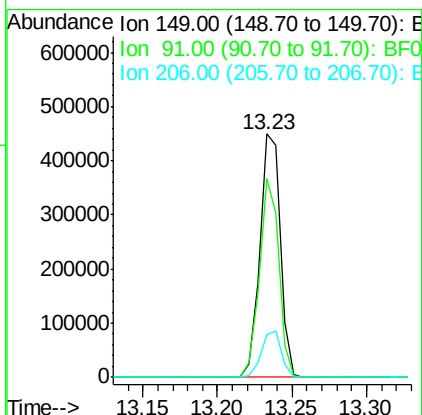
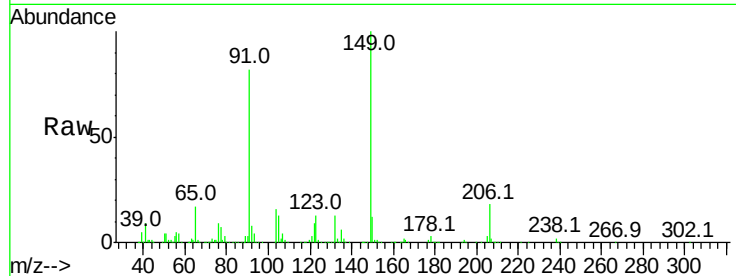
#79
Butylbenzylphthalate
Concen: 37.447 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.5	45.0	67.4#
206	17.8	17.0	25.6

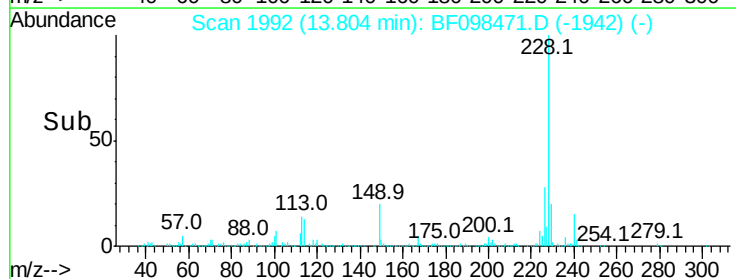
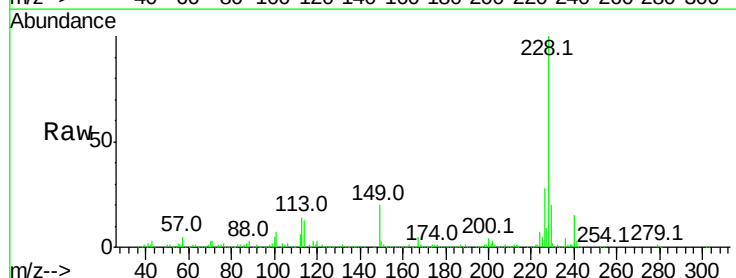
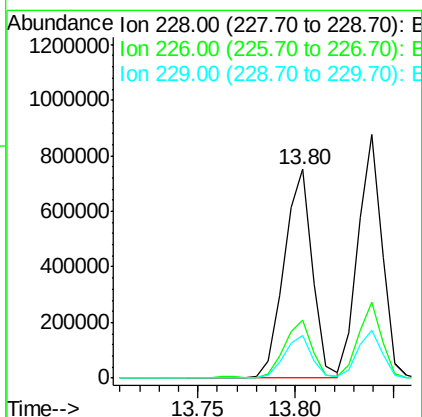
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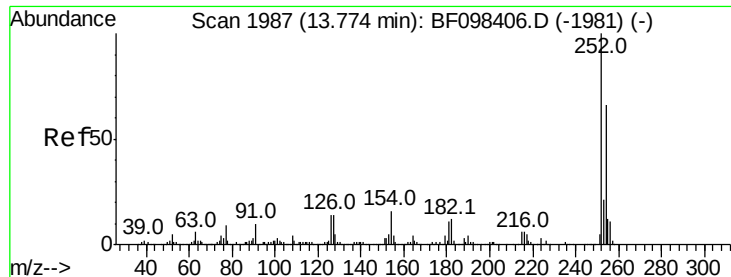
Sohil
9/13/2017 5:00:25 PM



#80
Benzo(a)anthracene
Concen: 39.134 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.5	16.3	24.5





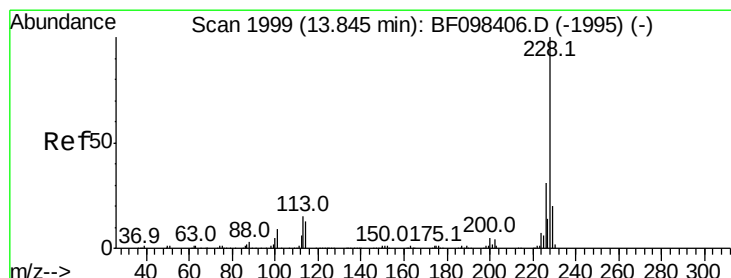
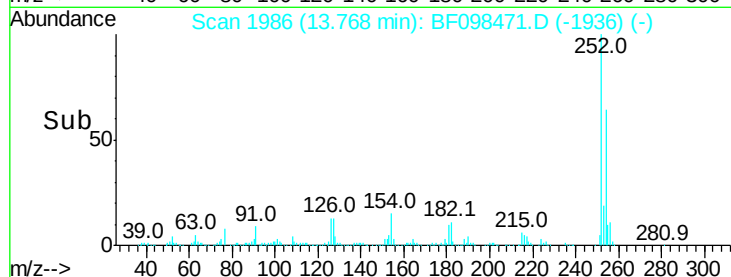
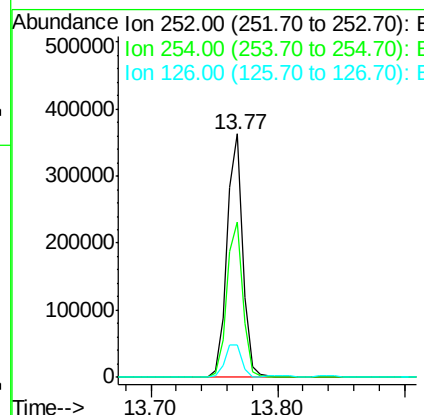
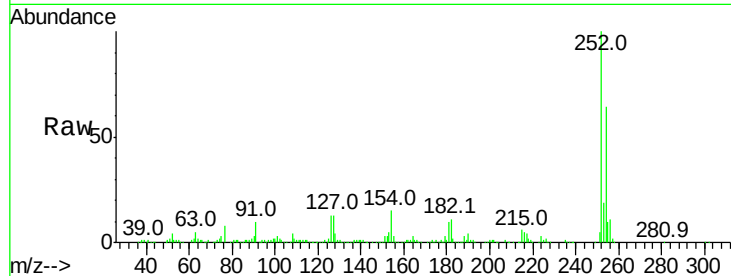
#81
 3,3'-Dichlorobenzidine
 Concen: 42.108 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.2	15.8	23.8

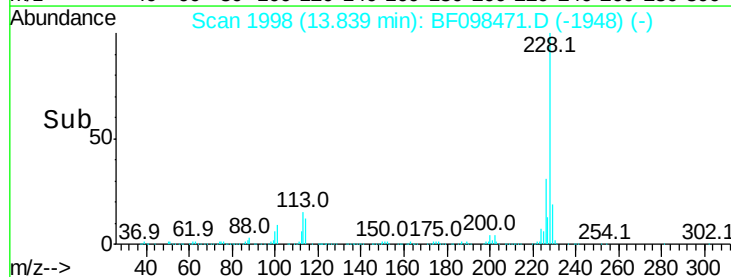
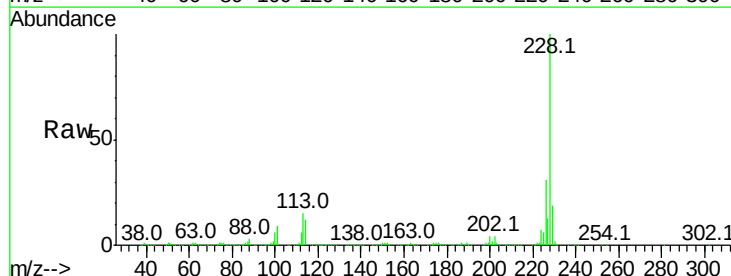
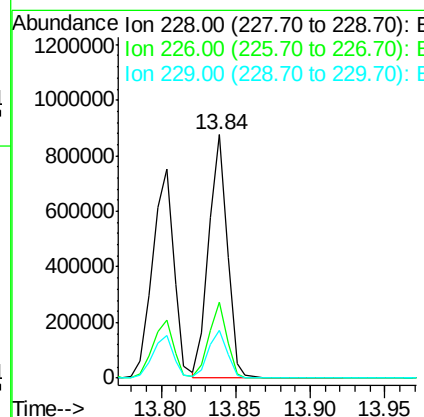
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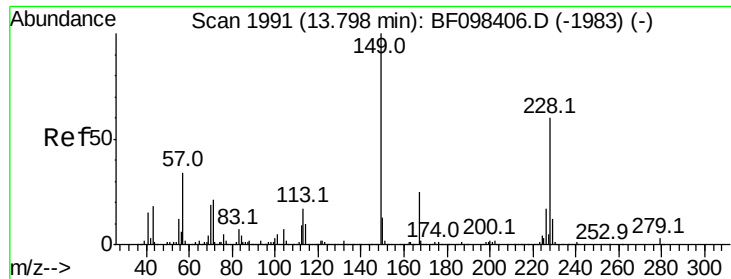
Sohil
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#82
 Chrysene
 Concen: 38.483 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.5	15.8	23.6





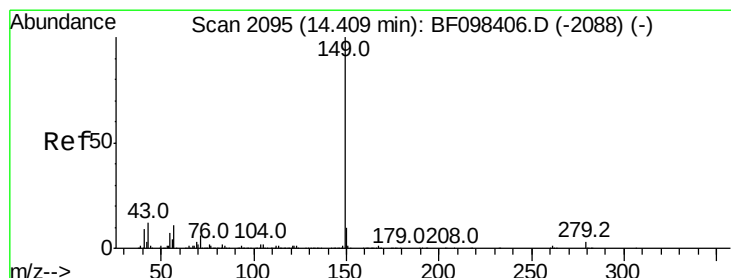
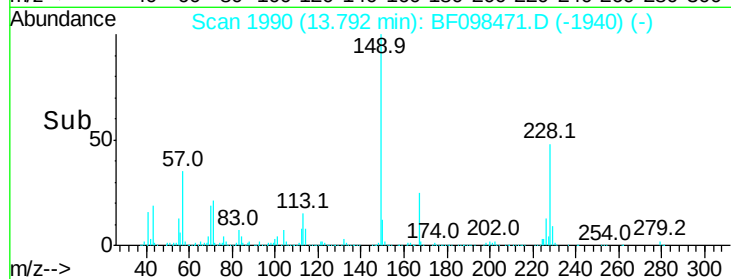
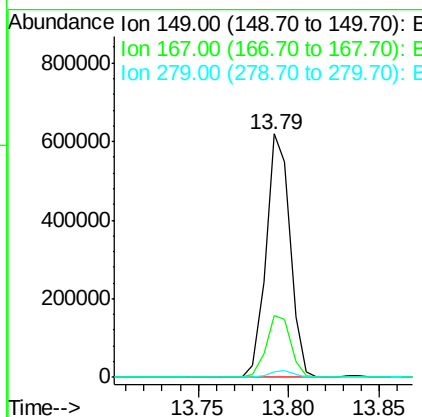
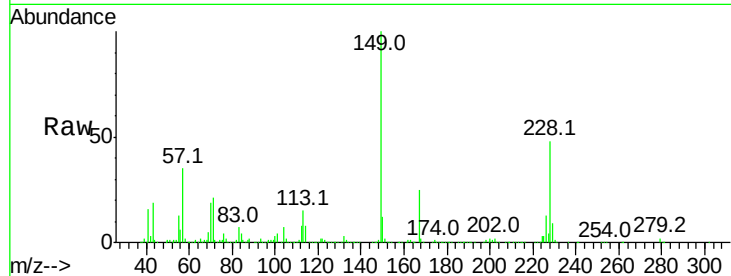
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.419 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	149	Resp:	569940
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.0	31.4
279	2.5	1.9	2.9

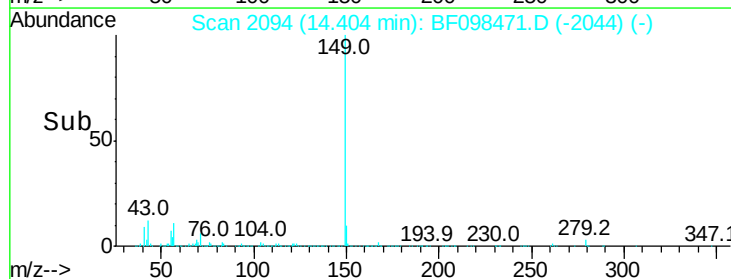
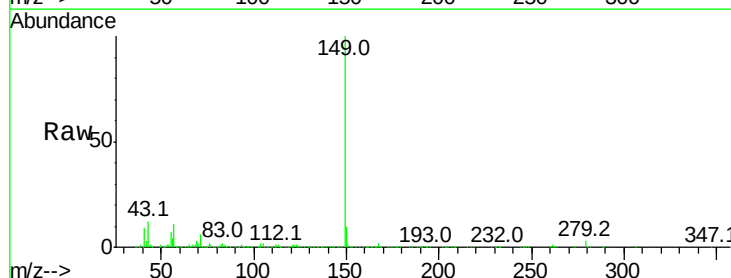
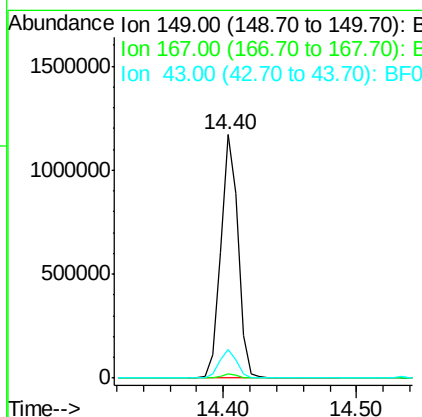
Manual Integrations
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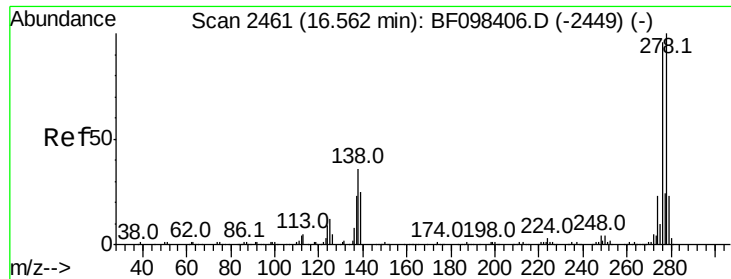
Sohil
 9/13/2017 5:00:25 PM



#84
 Di-n-octyl phthalate
 Concen: 44.181 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion:	149	Resp:	1068861
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.5	8.5	12.7





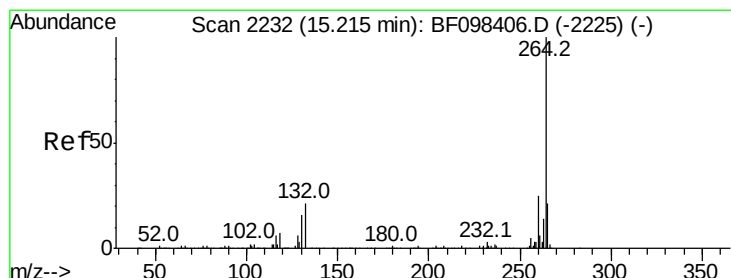
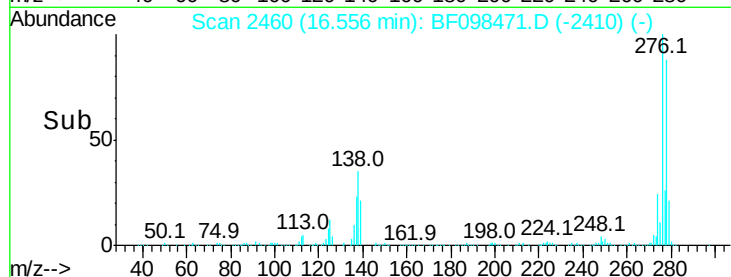
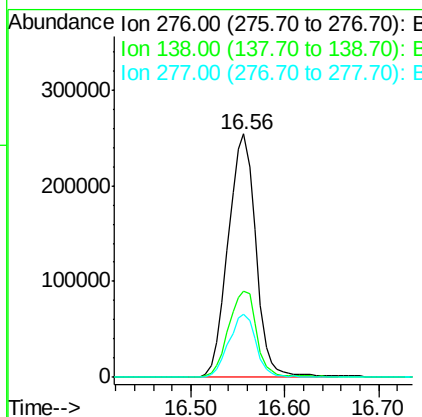
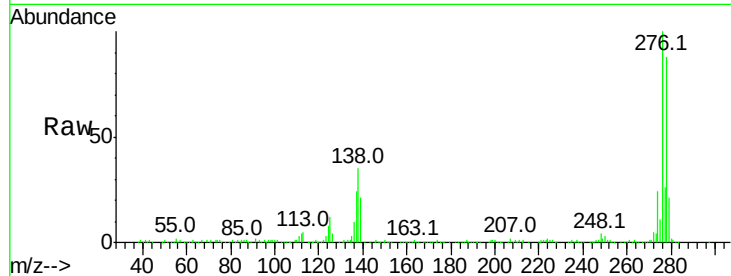
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.355 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	276	Resp:	523551
Ion Ratio	Lower	Upper	
276	100		
138	36.5	27.8	41.6
277	25.6	20.2	30.4

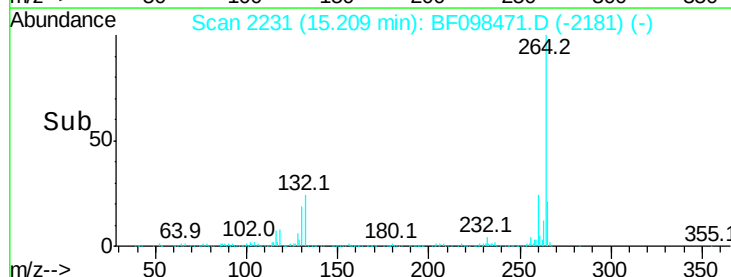
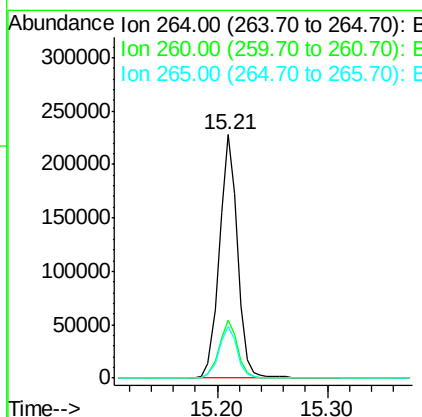
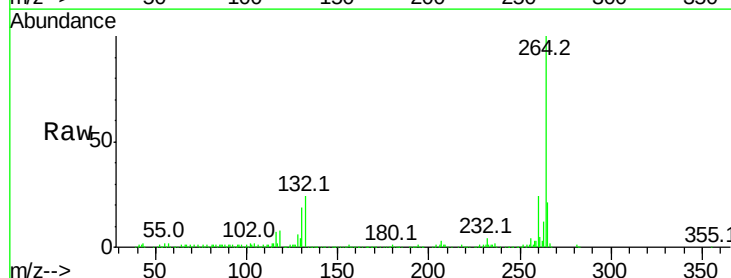
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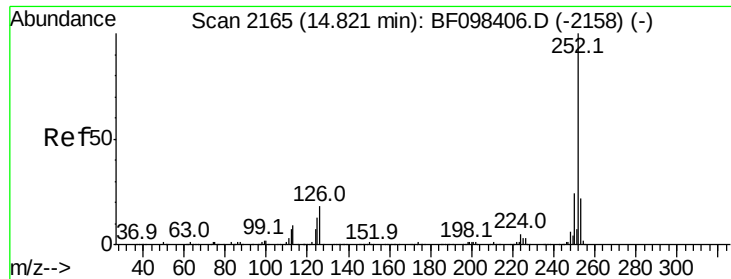
Sohil
 9/13/2017 5:00:25 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098471.D
 Acq: 13 Sep 2017 00:57

Tgt Ion:	264	Resp:	260383
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.323 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Instrument :

BNA_F

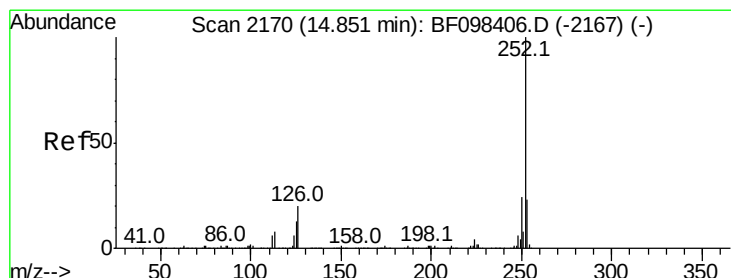
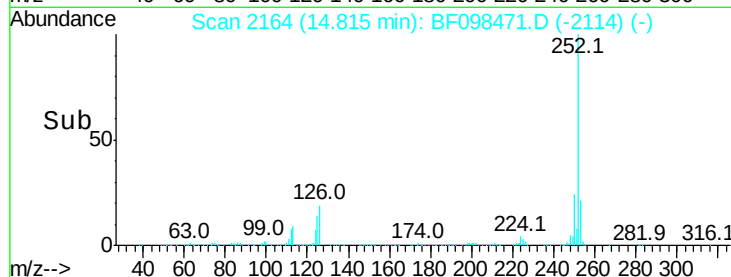
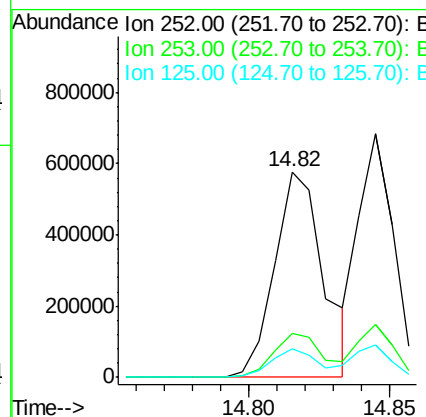
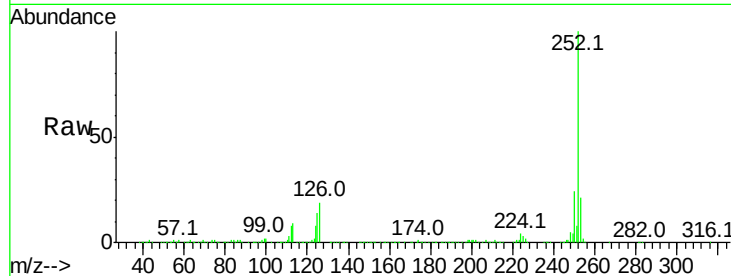
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	692926
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	13.7	9.8	14.8

Manual Integrations
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9/13/2017 5:00:25 PM



#88

Benzo(k)fluoranthene

Concen: 39.297 ng m

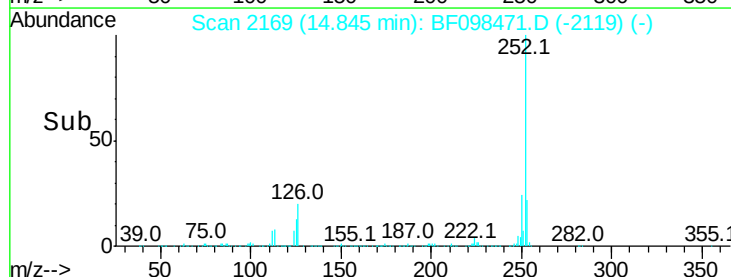
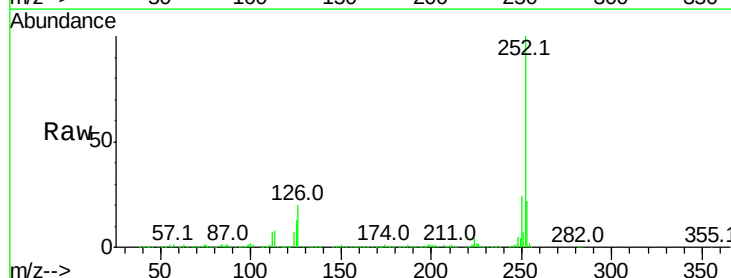
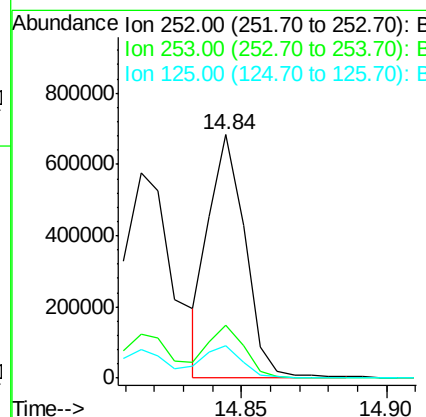
RT: 14.84 min Scan# 2169

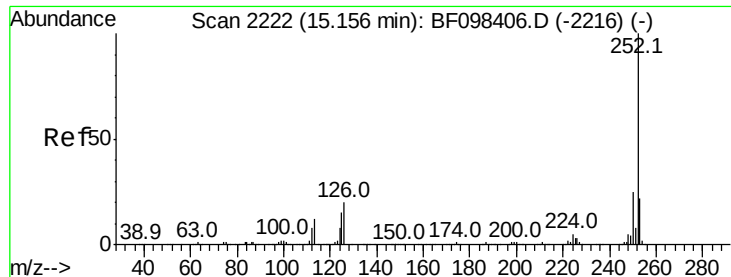
Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tgt Ion:	252	Resp:	600624
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	13.1	13.1	19.7#





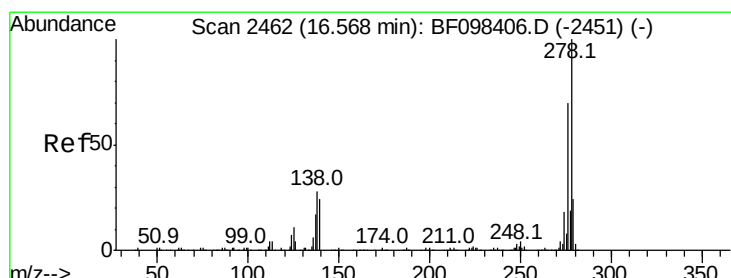
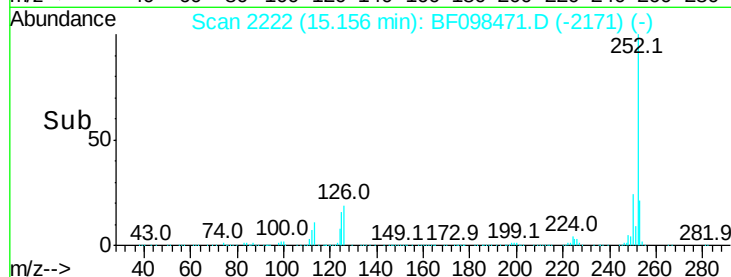
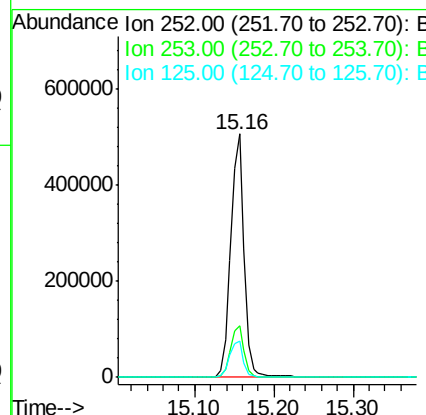
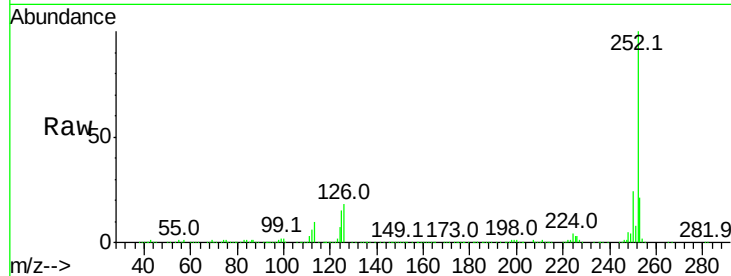
#89
Benzo(a)pyrene
Concen: 40.664 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.9	11.0	16.4

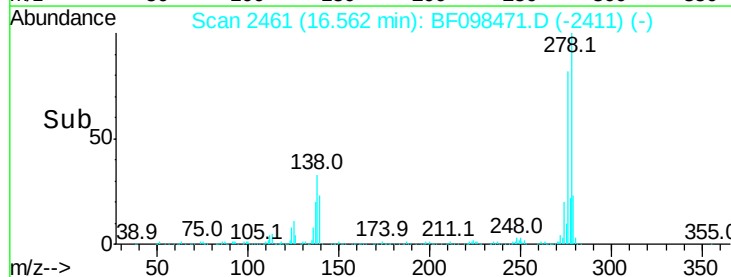
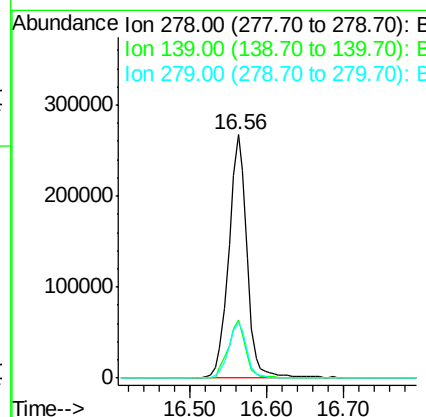
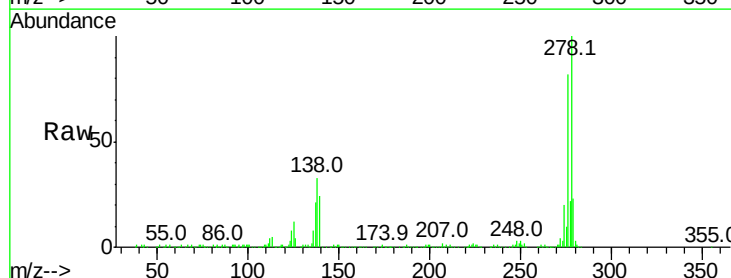
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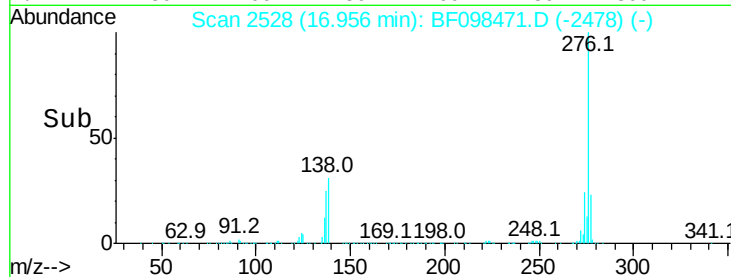
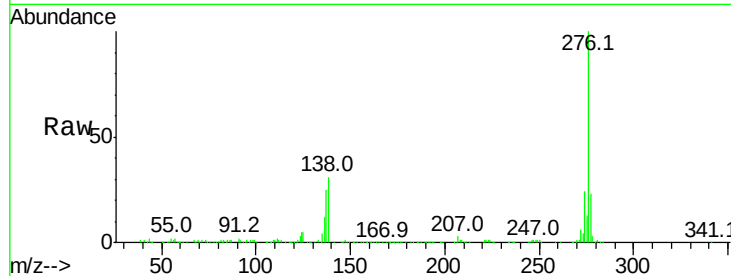
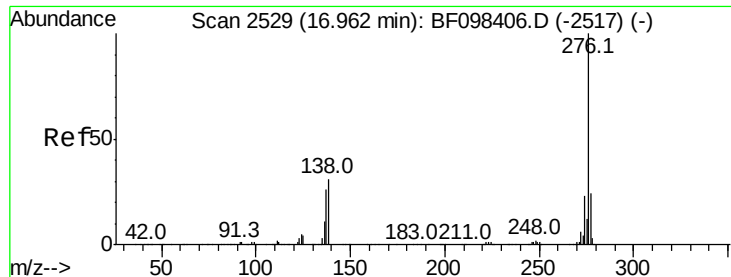
Sohil
9/13/2017 5:00:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.621 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098471.D
Acq: 13 Sep 2017 00:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	16.6	24.8
279	23.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 39.580 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098471.D

Acq: 13 Sep 2017 00:57

Tot Ion:	276	Resp:	422398
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.6	28.0
138	31.1	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
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9/13/2017 5:00:25 PM

