

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098462.D
 Acq On : 12 Sep 2017 20:47
 Operator : SJ/JU
 Sample : I5140-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:10 PM

Quant Time: Sep 13 02:04:48 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	199236	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	794932	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	304436	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	461405	20.00	ng	0.00
75) Chrysene-d12	13.82	240	334858	20.00	ng	0.00
86) Perylene-d12	15.22	264	257402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1509460	112.02	ng	0.00
7) Phenol-d6	6.32	99	1826061	106.73	ng	0.00
23) Nitrobenzene-d5	7.24	82	1136581	79.71	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	226092	111.27	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1566680	87.22	ng	0.00
78) Terphenyl-d14	12.76	244	1047660	67.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	241714	34.753	ng	90
3) Pyridine	3.03	79	665734	36.043	ng	# 80
4) n-Nitrosodimethylamine	3.00	42	351691	38.838	ng	99
6) Aniline	6.33	93	551847	25.710	ng	# 1
8) 2-Chlorophenol	6.46	128	593919	40.082	ng	96
9) Benzaldehyde	6.21	77	129290	11.560	ng	92
10) Phenol	6.34	94	767147	38.603	ng	95
11) bis(2-Chloroethyl)ether	6.41	93	618296	41.266	ng	94
12) 1,3-Dichlorobenzene	6.60	146	594547	39.864	ng	97
13) 1,4-Dichlorobenzene	6.68	146	611104	40.002	ng	94
14) 1,2-Dichlorobenzene	6.83	146	553274	39.752	ng	99
15) Benzyl Alcohol	6.82	79	476468	41.845	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	940225	38.139	ng	70
17) 2-Methylphenol	6.94	107	469165	38.829	ng	# 88
18) Hexachloroethane	7.17	117	183769	31.411	ng	90
19) n-Nitroso-di-n-propylamine	7.09	70	430628	40.014	ng	99
20) 3+4-Methylphenols	7.10	107	623968	40.921	ng	# 64
22) Acetophenone	7.08	105	835828	40.682	ng	# 91
24) Nitrobenzene	7.26	77	639877	39.397	ng	98
25) Isophorone	7.50	82	1126116	39.034	ng	98
26) 2-Nitrophenol	7.57	139	263811	40.229	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	465357	37.225	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	738481	41.950	ng	99
29) 2,4-Dichlorophenol	7.82	162	440063	42.326	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	468211	41.399	ng	100
31) Naphthalene	7.97	128	1623237	41.306	ng	99
32) Benzoic acid	7.73	122	47003	12.644	ng	99
33) 4-Chloroaniline	8.03	127	437052	27.365	ng	99
34) Hexachlorobutadiene	8.09	225	239537	41.256	ng	99
35) Caprolactam	8.40	113	140520m	39.194	ng	
36) 4-Chloro-3-methylphenol	8.53	107	479237	37.167	ng	85
37) 2-Methylnaphthalene	8.66	142	997129	41.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400071	42.188	ng	99
40) Hexachlorocyclopentadiene	8.81	237	20682	16.363	ng	100

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Instrument :
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 RL-5-0-13.75MS

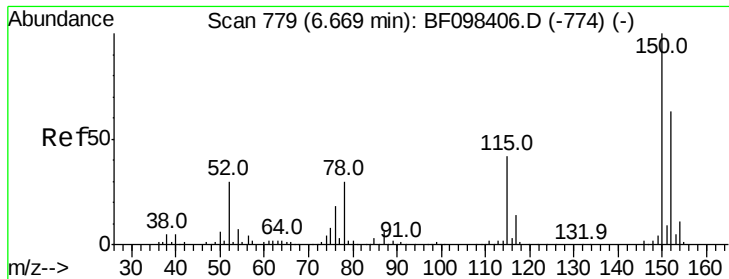
Manual Integrations
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 9/13/2017 5:00:10 PM

Quant Time: Sep 13 02:04:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	255138	45.805	nq	90
43) 2,4,5-Trichlorophenol	9.00	196	262666	45.116	nq	91
45) 1,1'-Biphenyl	9.13	154	1130240	41.478	nq	98
46) 2-Chloronaphthalene	9.15	162	836730	42.997	nq #	93
47) 2-Nitroaniline	9.26	65	337371	45.168	nq	97
48) Acenaphthylene	9.56	152	1184214	40.927	nq	99
49) Dimethylphthalate	9.43	163	1272937	54.016	nq	100
50) 2,6-Dinitrotoluene	9.50	165	202610	41.856	nq #	85
51) Acenaphthene	9.73	154	737740	40.110	nq	98
52) 3-Nitroaniline	9.66	138	233832	40.017	nq	95
53) 2,4-Dinitrophenol	9.79	184	2208	9.387	nq #	80
54) Dibenzofuran	9.90	168	1017024	41.972	nq	98
55) 4-Nitrophenol	9.85	139	255453	76.092	nq #	45
56) 2,4-Dinitrotoluene	9.90	165	215655	36.645	nq #	55
57) Fluorene	10.25	166	765297	38.158	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	174871	44.693	nq	95
59) Diethylphthalate	10.13	149	942855	42.069	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	374234	40.399	nq	90
61) 4-Nitroaniline	10.28	138	226451	38.374	nq	88
62) Azobenzene	10.40	77	893183	36.977	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	6322	6.967	nq	86
65) n-Nitrosodiphenylamine	10.36	169	700386	46.748	nq	97
66) 4-Bromophenyl-phenylether	10.73	248	207252	47.327	nq	96
67) Hexachlorobenzene	10.79	284	190218	42.823	nq #	84
68) Atrazine	10.89	200	202612	43.928	nq	96
69) Pentachlorophenol	10.99	266	133116	68.766	nq	95
70) Phenanthrene	11.20	178	1122092	45.874	nq	99
71) Anthracene	11.26	178	1066743	42.477	nq	99
72) Carbazole	11.42	167	944785	40.367	nq	99
73) Di-n-butylphthalate	11.75	149	1252673	44.670	nq	99
74) Fluoranthene	12.39	202	1132226	46.238	nq	99
76) Benzidine	12.52	184	322010	21.728	nq #	92
77) Pyrene	12.62	202	1147212	43.429	nq	100
79) Butylbenzylphthalate	13.24	149	480756	41.951	nq #	79
80) Benzo(a)anthracene	13.80	228	848842	43.237	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	278137	36.455	nq #	97
82) Chrysene	13.84	228	832134	41.932	nq	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	644331	44.800	nq #	99
84) Di-n-octyl phthalate	14.41	149	1149914	46.600	nq	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	529977	38.065	nq	99
87) Benzo(b)fluoranthene	14.82	252	685326m	42.344	nq	
88) Benzo(k)fluoranthene	14.85	252	651043	43.089	nq	96
89) Benzo(a)pyrene	15.16	252	608497	42.201	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	444432	42.372	nq	97
91) Benzo(g,h,i)perylene	16.96	276	425866	40.367	nq	98

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



#1

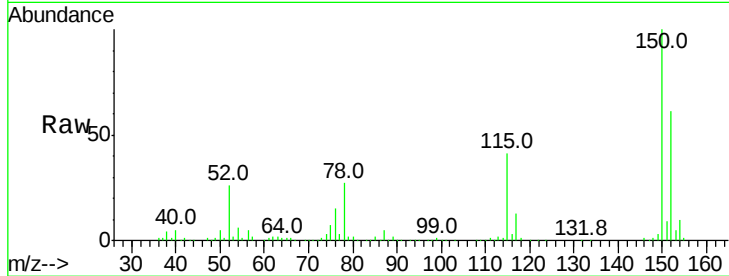
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

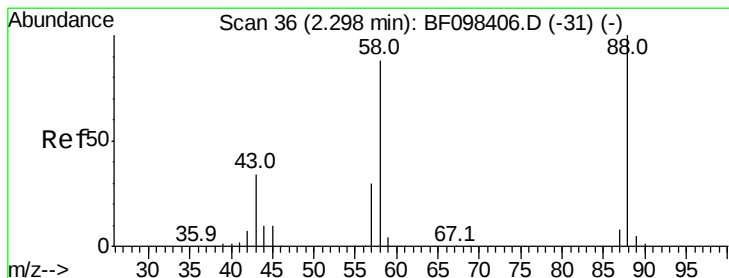
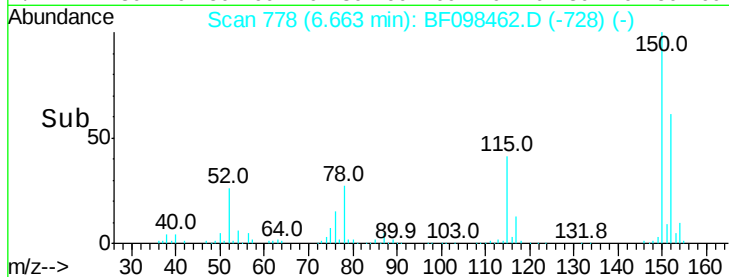
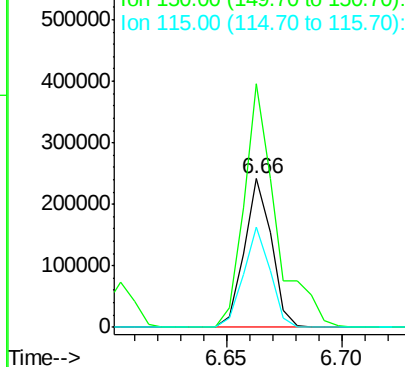
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	126.2	189.2
115	67.4	52.2	78.2

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

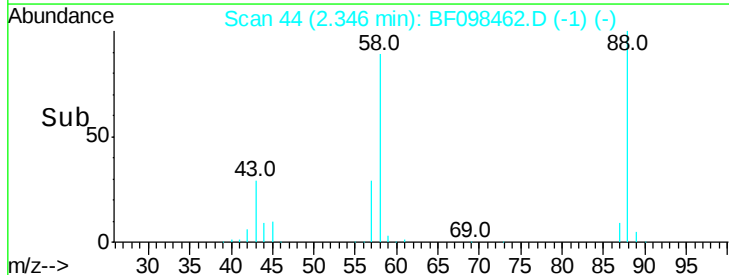
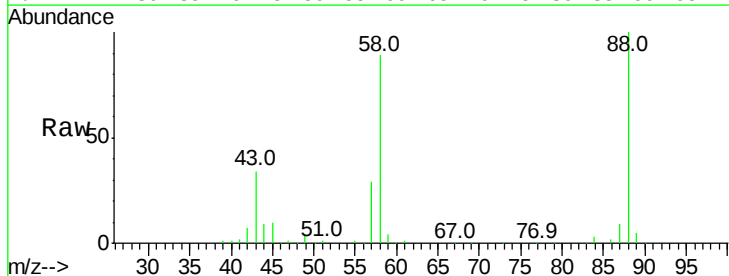
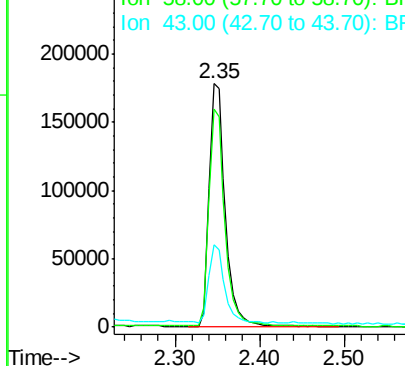


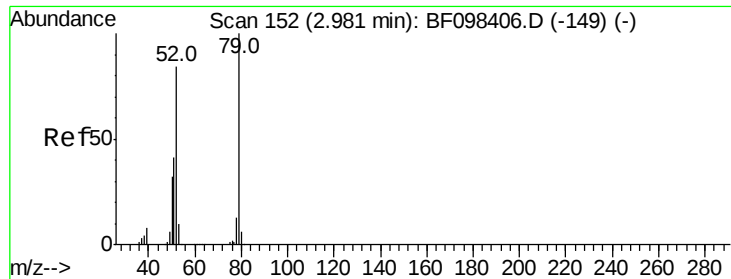
#2

1,4-Dioxane
Concen: 34.753 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	61.4	92.0
43	31.5	23.4	35.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.043 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.05 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

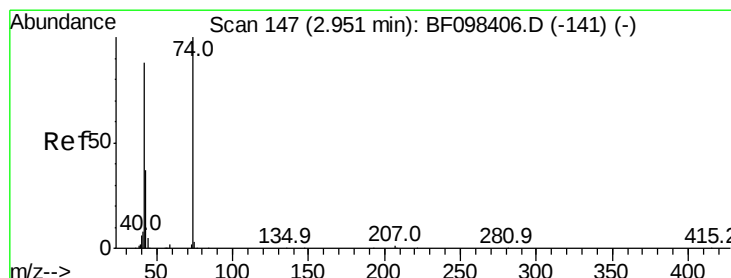
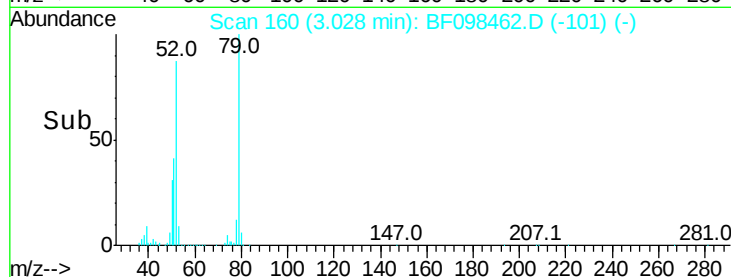
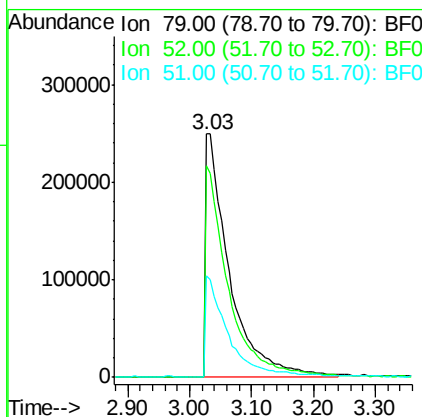
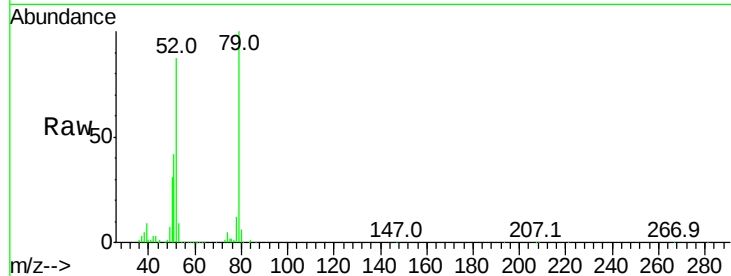
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	79	Resp:	665734
Ion Ratio	Lower	Upper	
79	100		
52	87.1	54.8	82.2#
51	41.6	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 38.838 ng

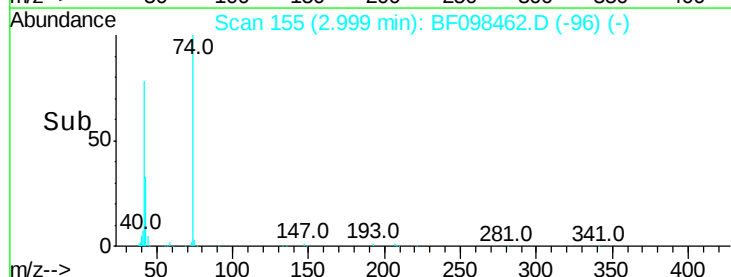
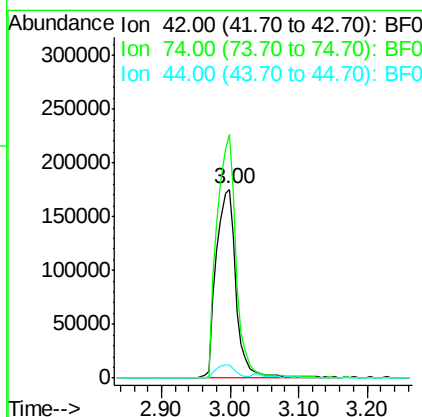
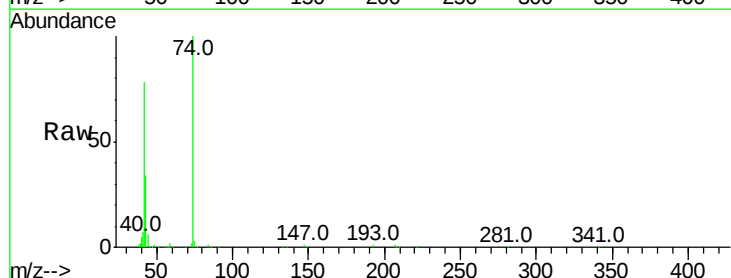
RT: 3.00 min Scan# 155

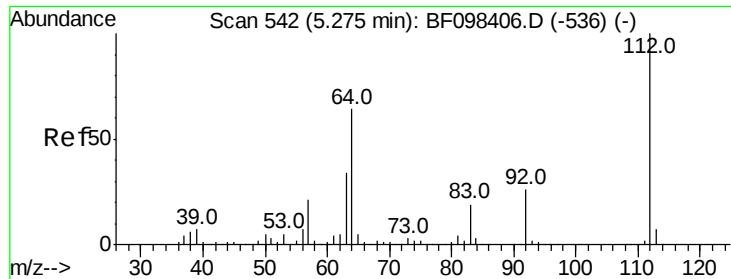
Delta R.T. 0.05 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	42	Resp:	351691
Ion Ratio	Lower	Upper	
42	100		
74	128.7	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 112.017 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

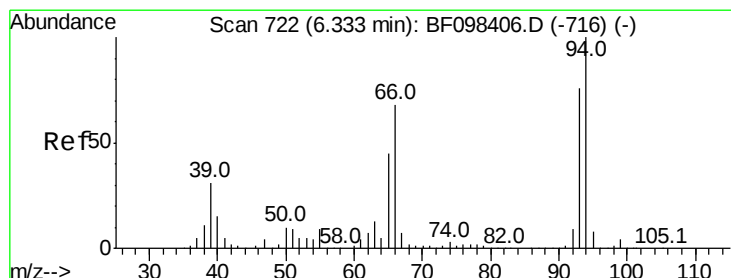
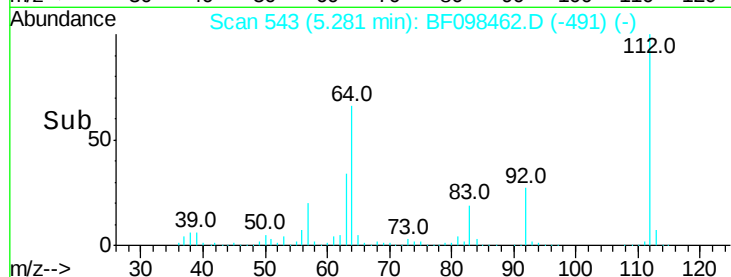
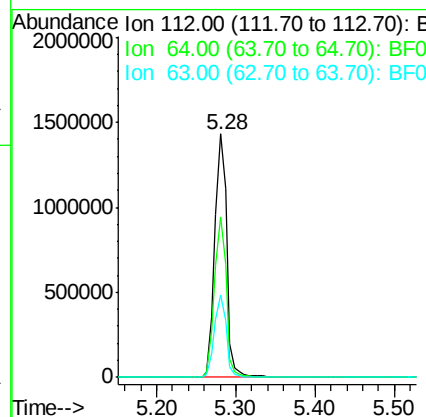
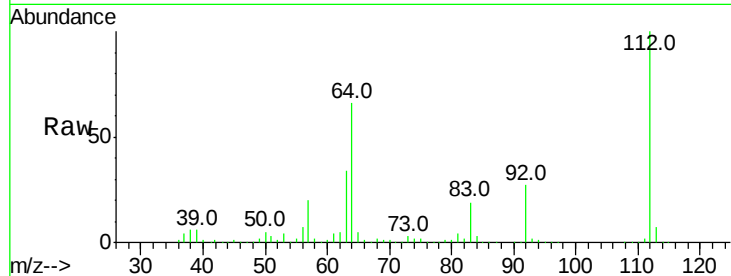
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	112	Resp:	1509460
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	33.9	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 25.710 ng

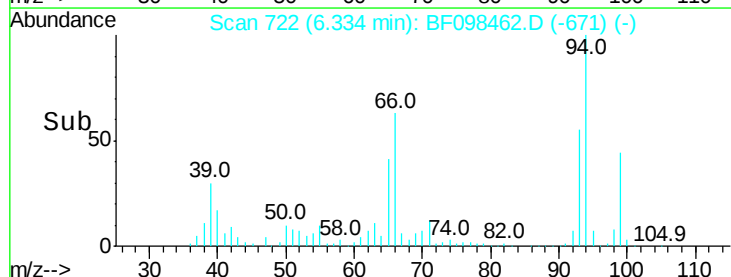
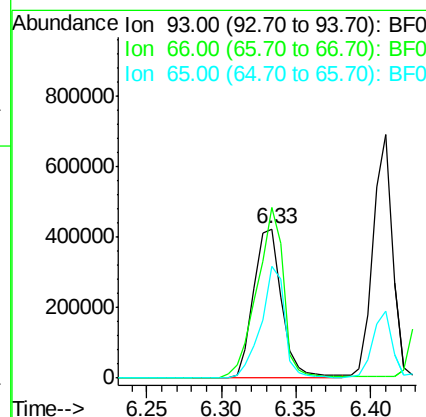
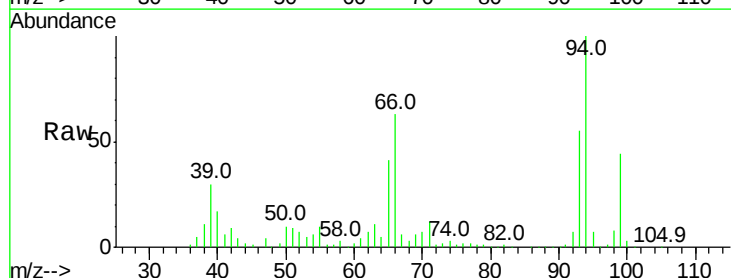
RT: 6.33 min Scan# 722

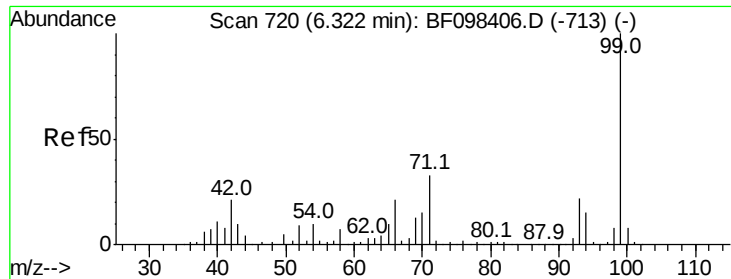
Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	93	Resp:	551847
Ion Ratio	Lower	Upper	
93	100		
66	114.6	32.9	49.3#
65	74.8	16.0	24.0#





#7

Phenol-d6

Concen: 106.730 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion: 99 Resp: 1826061

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

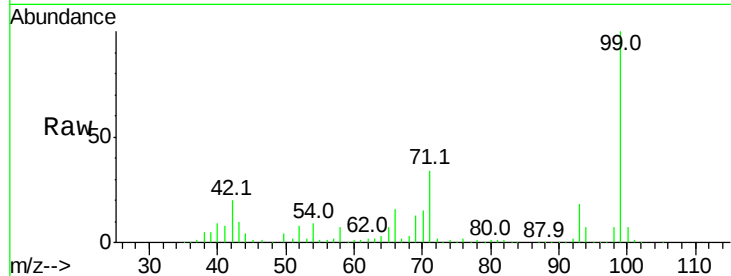
71 34.0 24.5 36.7

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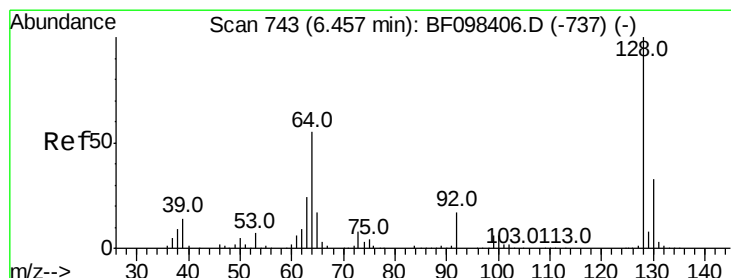
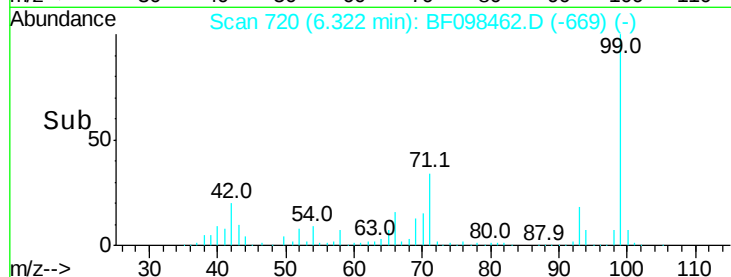
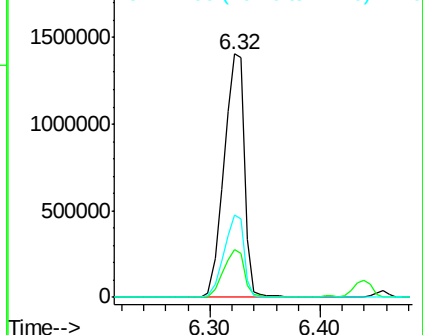
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.082 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

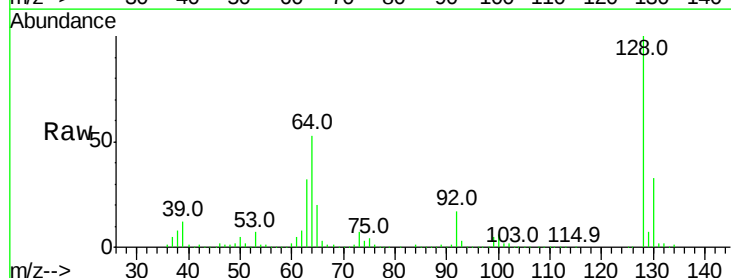
Tgt Ion: 128 Resp: 593919

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

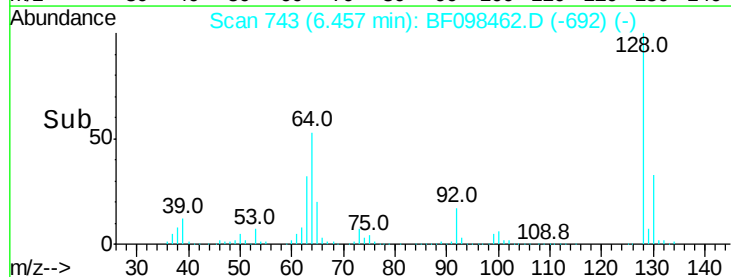
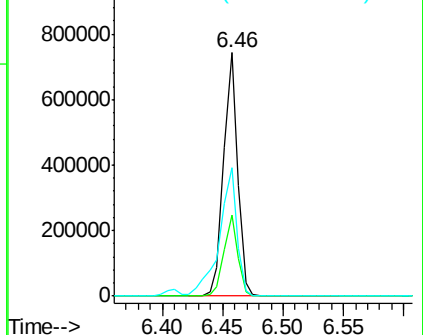
64 52.6 28.4 68.4

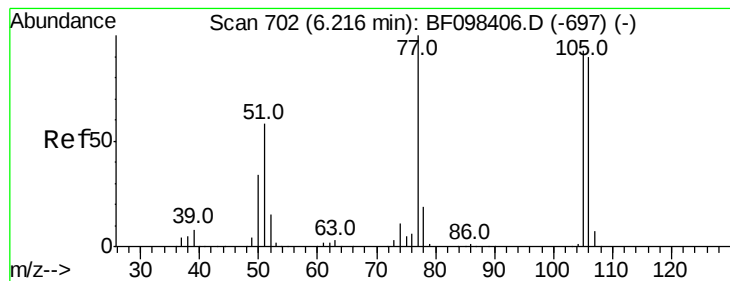


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.560 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

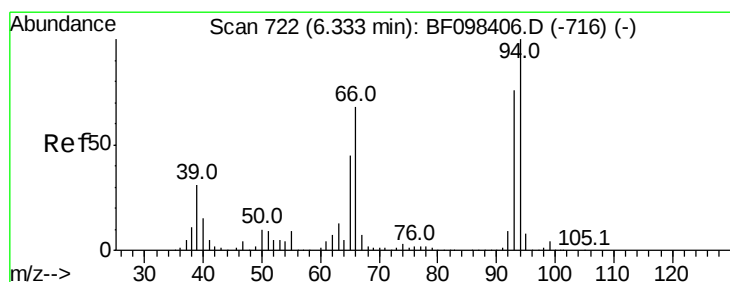
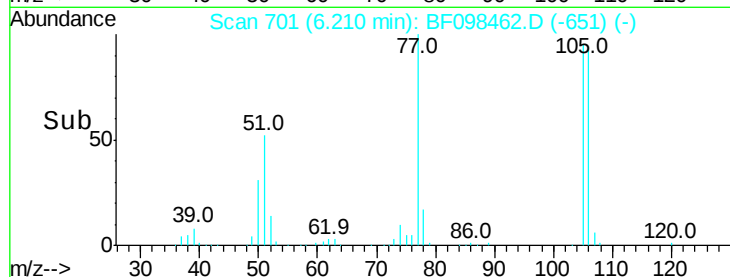
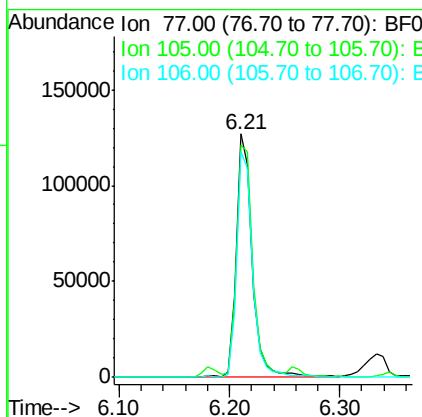
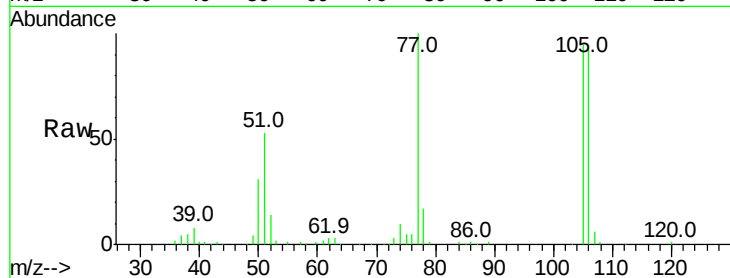
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	77	Resp:	129290
Ion	Ratio	Lower	Upper
77	100		
105	95.3	83.8	123.8
106	92.5	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.603 ng

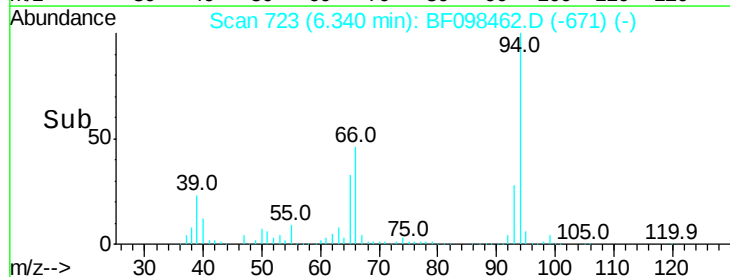
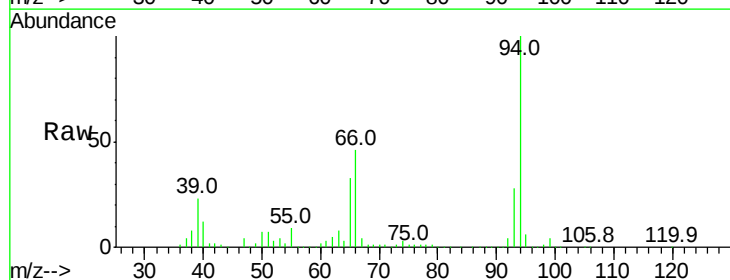
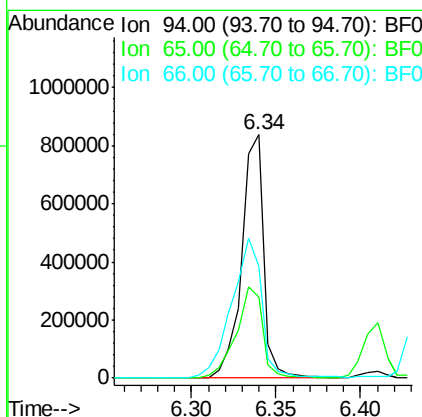
RT: 6.34 min Scan# 723

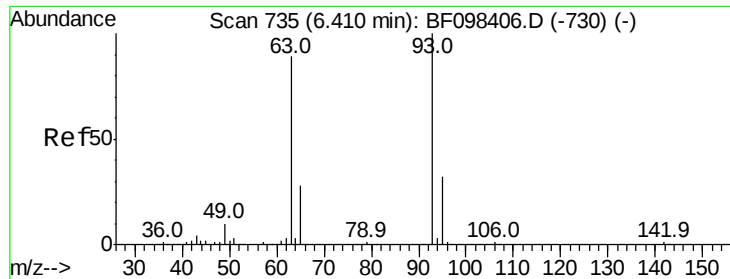
Delta R.T. 0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	94	Resp:	767147
Ion	Ratio	Lower	Upper
94	100		
65	33.3	9.9	49.9
66	45.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.266 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

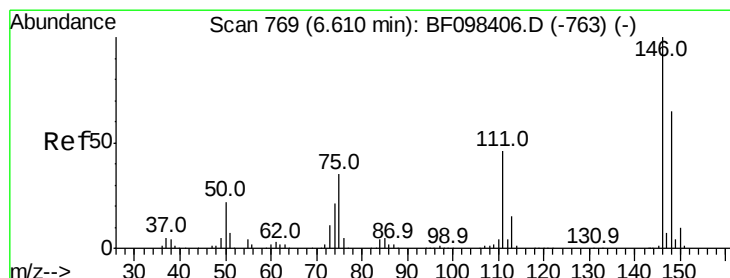
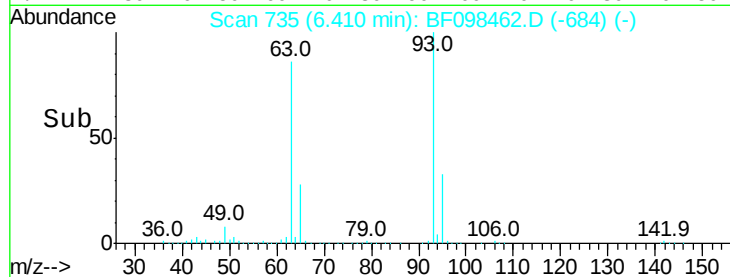
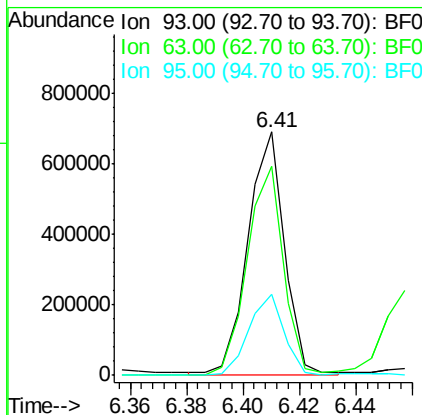
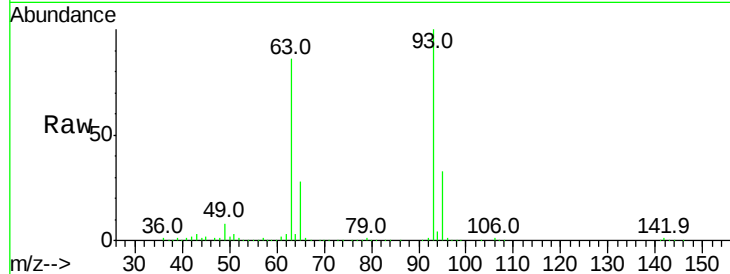
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	93	Resp:	618296
Ion Ratio	Lower	Upper	
93	100		
63	85.8	59.2	99.2
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.864 ng

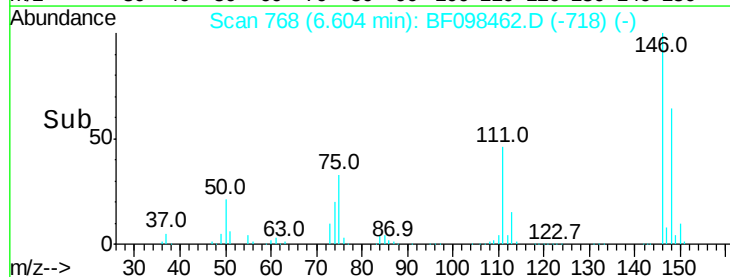
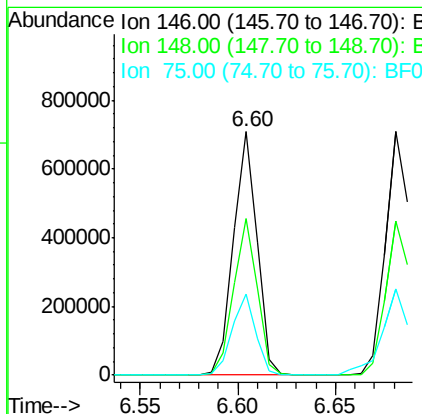
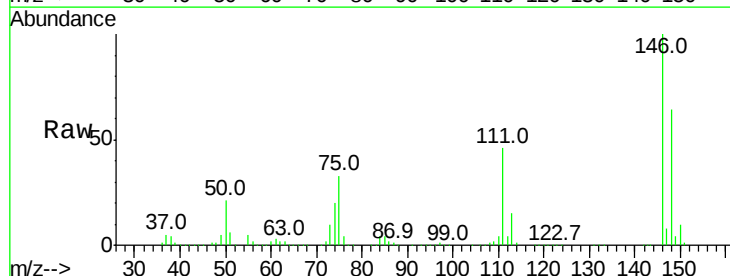
RT: 6.60 min Scan# 768

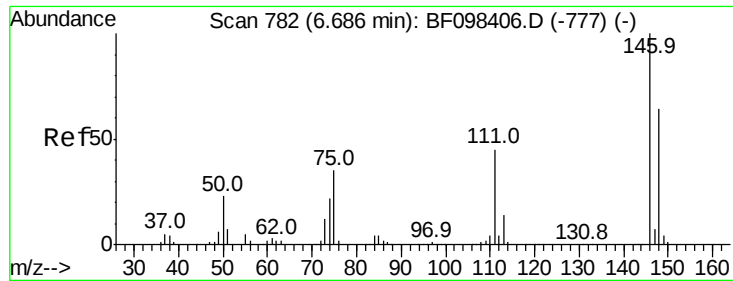
Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	146	Resp:	594547
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	33.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.002 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

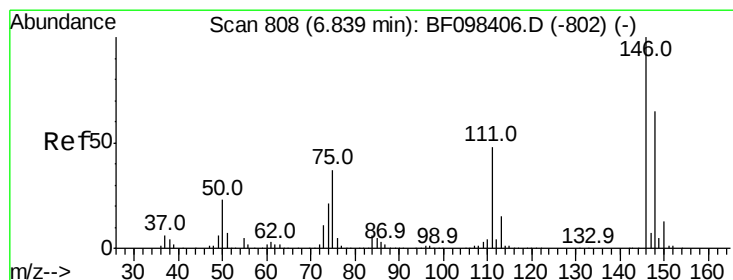
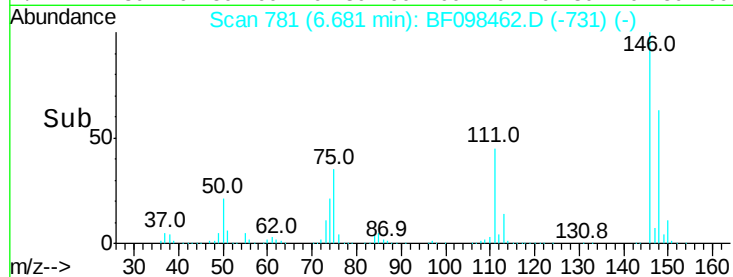
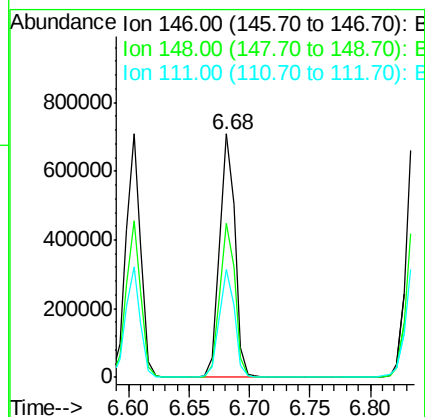
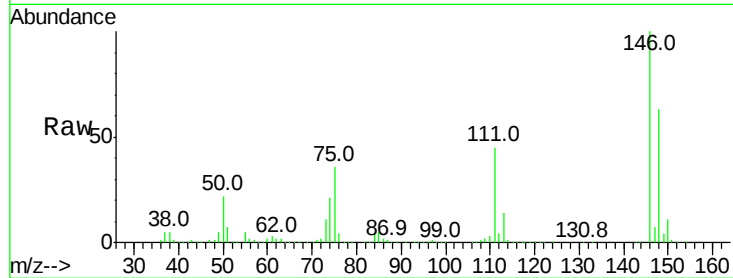
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	146	Resp:	611104
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.2	78.2
111	44.6	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.752 ng

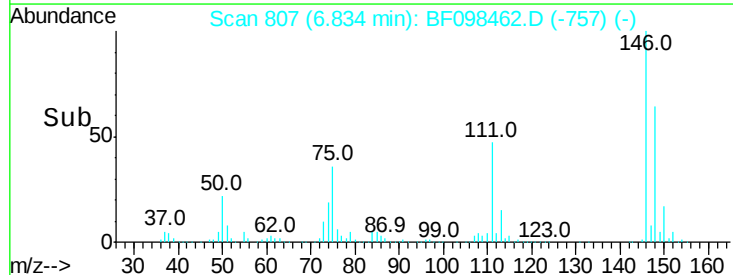
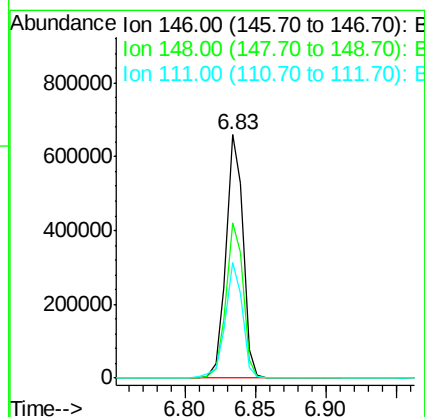
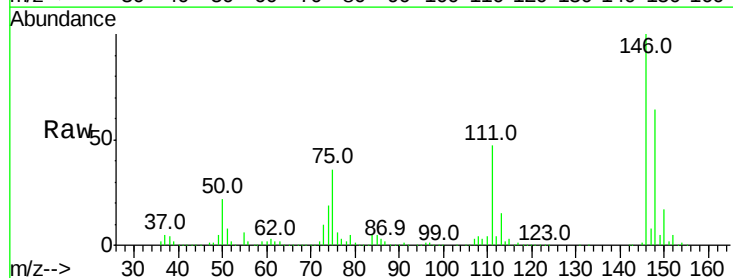
RT: 6.83 min Scan# 807

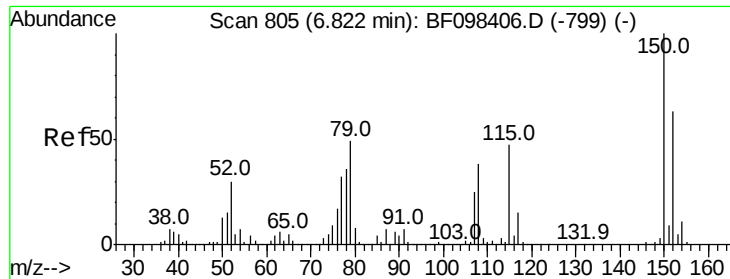
Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	146	Resp:	553274
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	47.5	38.2	57.4





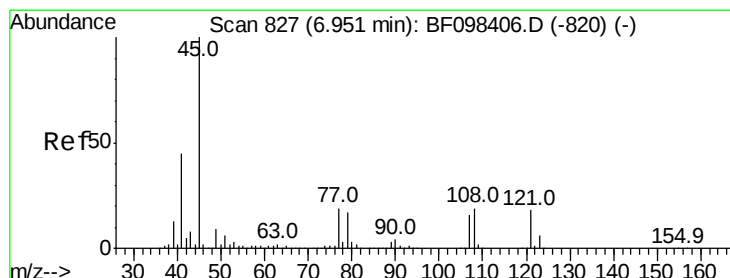
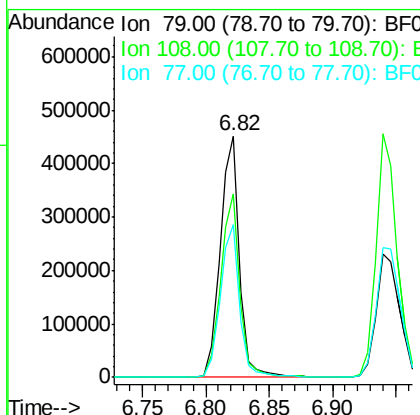
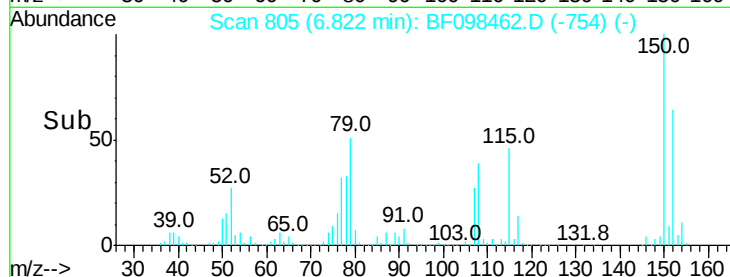
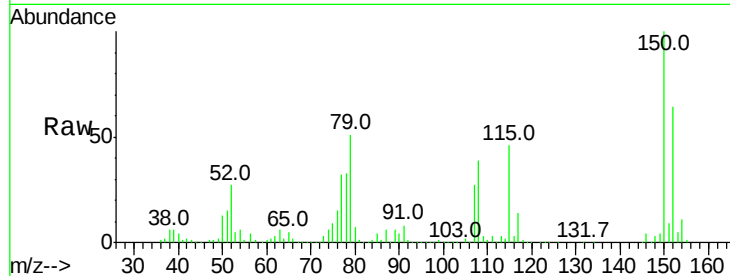
#15
Benzyl Alcohol
Concen: 41.845 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	63.4	95.0
77	63.2	49.2	73.8

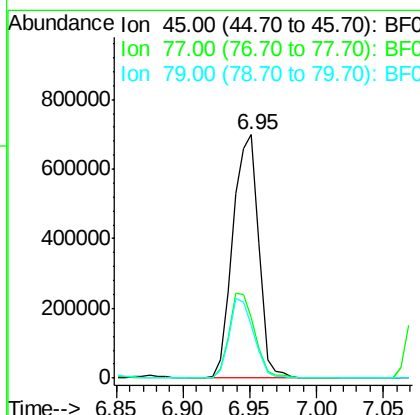
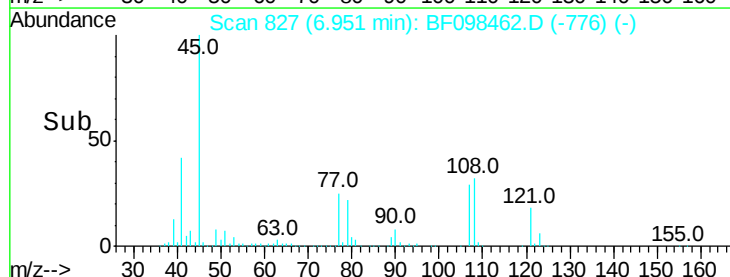
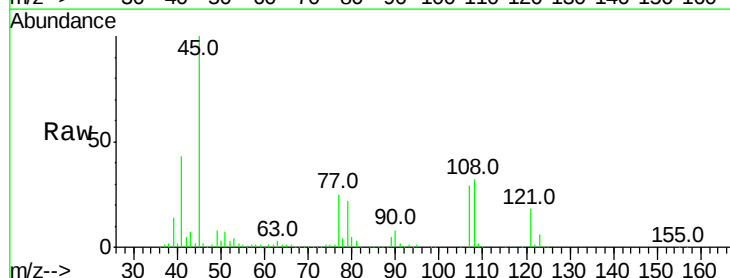
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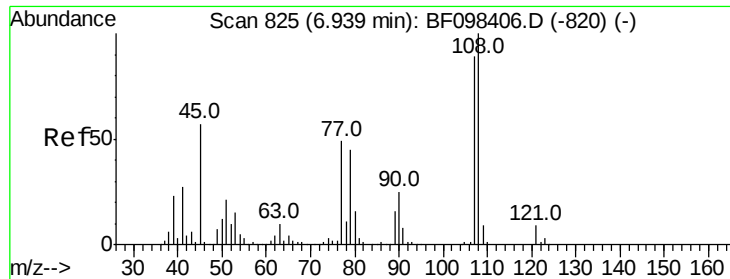
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.139 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.9	0.0	33.2
79	21.8	0.0	30.0





#17

2-Methylphenol

Concen: 38.829 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:107 Resp: 469165
Ion Ratio Lower Upper

107 100

108 112.3 93.4 140.0

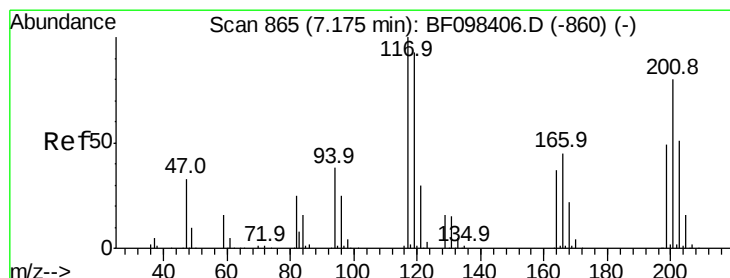
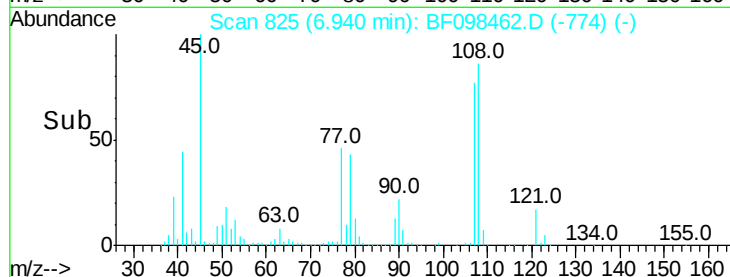
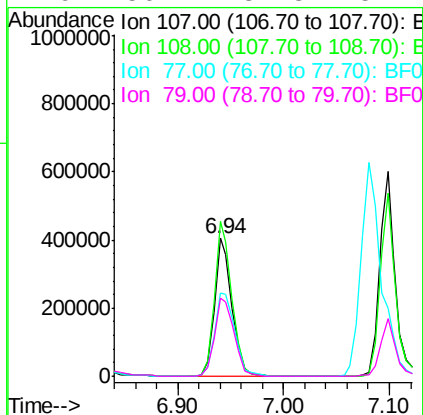
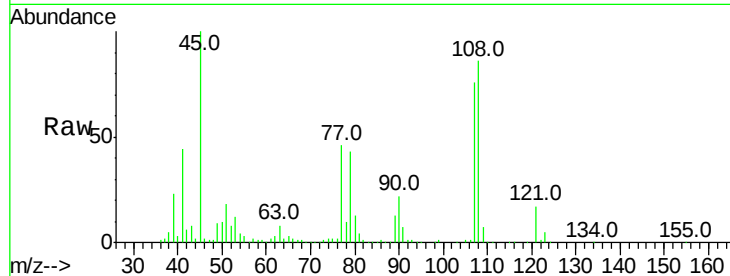
77 60.1 35.8 53.6#

79 56.7 34.8 52.2#

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#18

Hexachloroethane

Concen: 31.411 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF098462.D

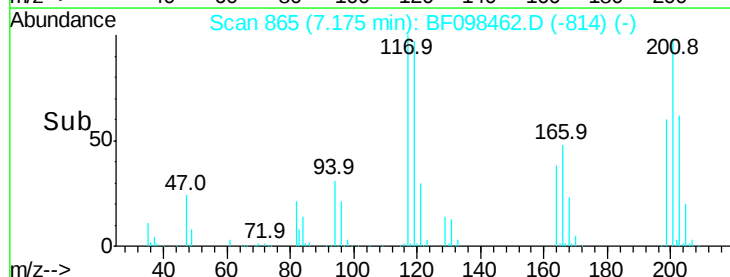
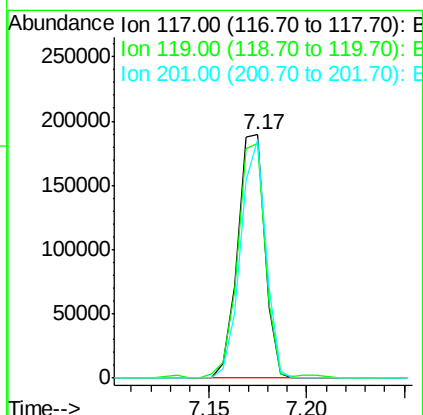
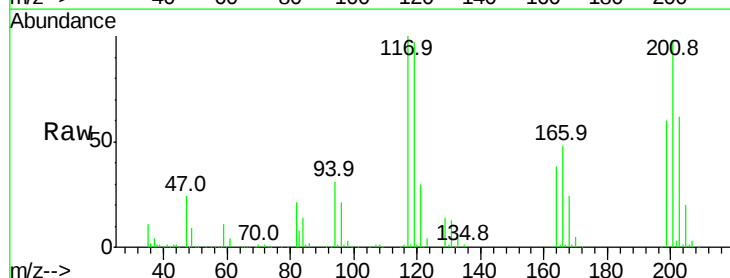
Acq: 12 Sep 2017 20:47

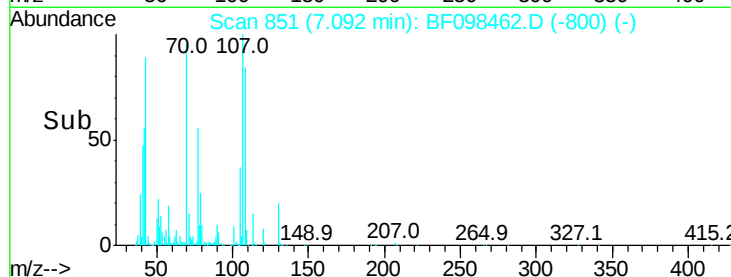
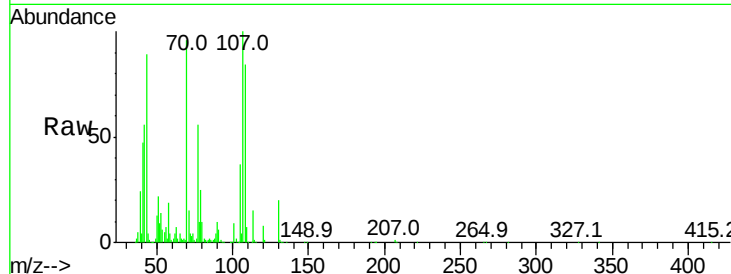
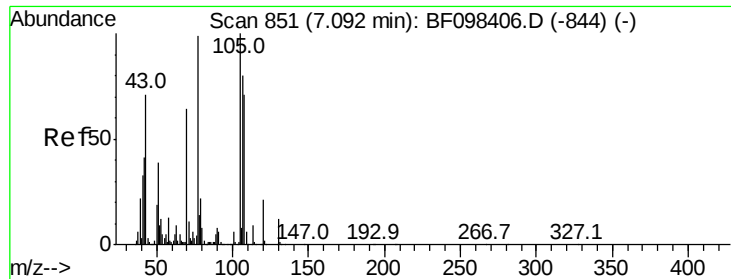
Tgt Ion:117 Resp: 183769
Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

201 97.8 94.6 141.8





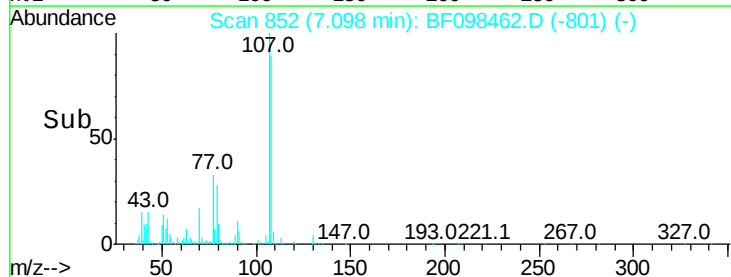
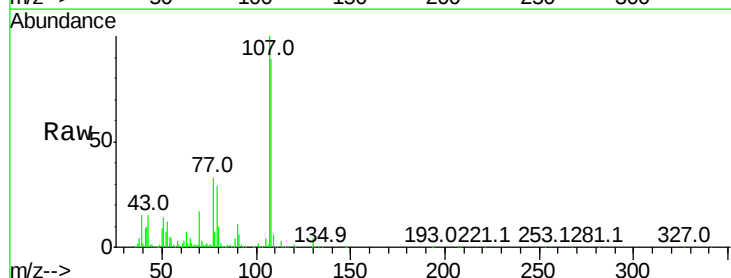
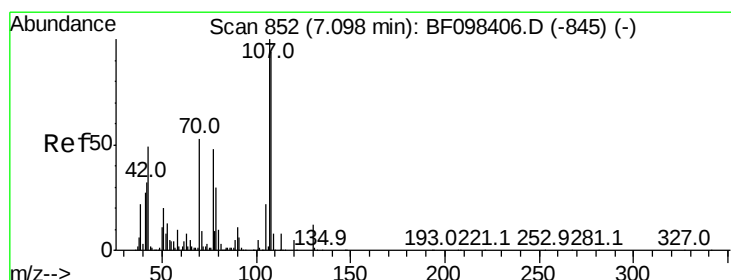
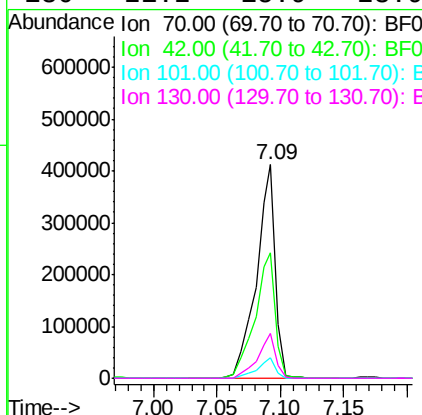
#19
n-Nitroso-di-n-propylamine
Concen: 40.014 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	70	Resp	430628
Ion Ratio	Lower	Upper	
70	100		
42	58.9	47.2	70.8
101	9.7	7.2	10.8
130	21.2	15.9	23.9

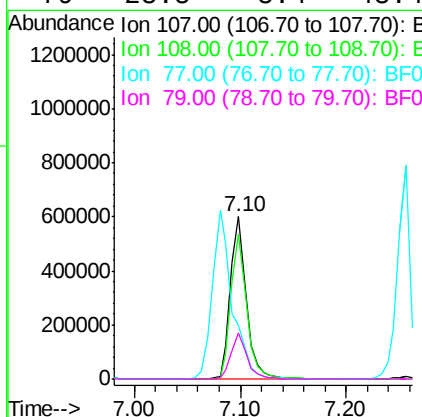
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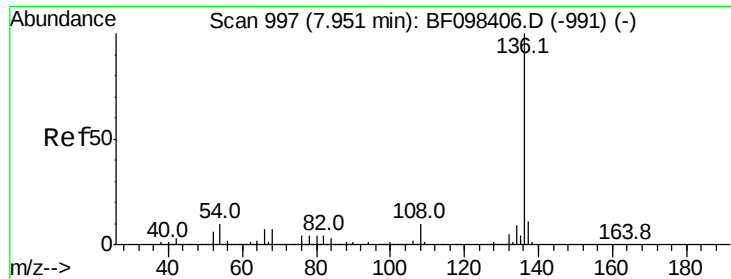
Sohil
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#20
3+4-Methylphenols
Concen: 40.921 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	107	Resp	623968
Ion Ratio	Lower	Upper	
107	100		
108	89.5	71.0	111.0
77	33.4	90.5	130.5#
79	28.5	8.4	48.4





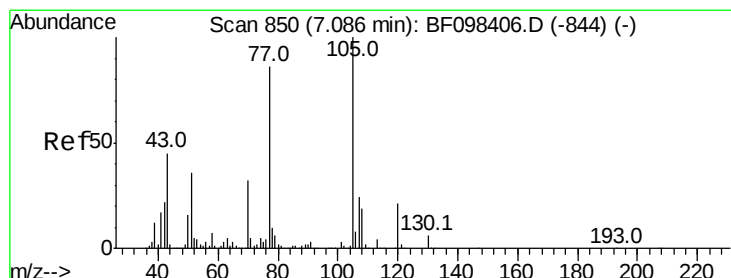
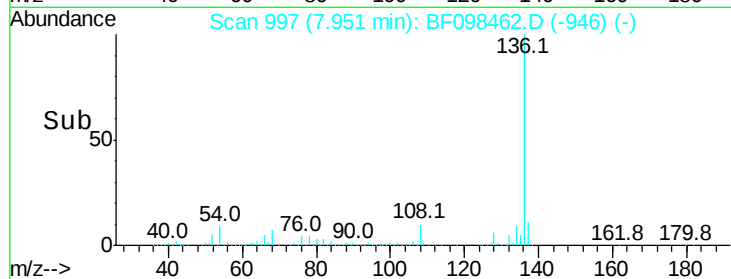
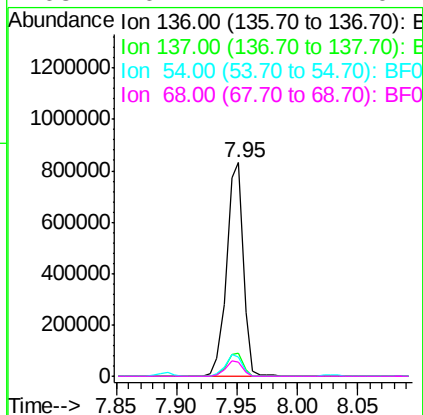
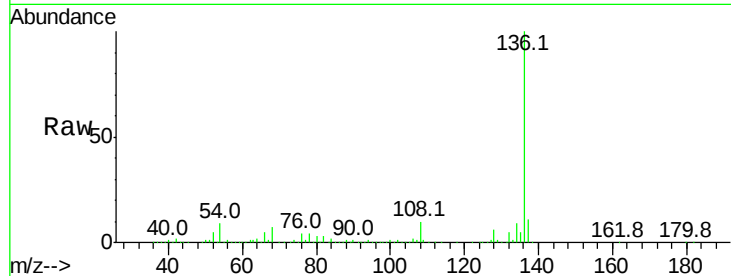
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	9.2	4.9	7.3#	
68	6.7	4.1	6.1#	

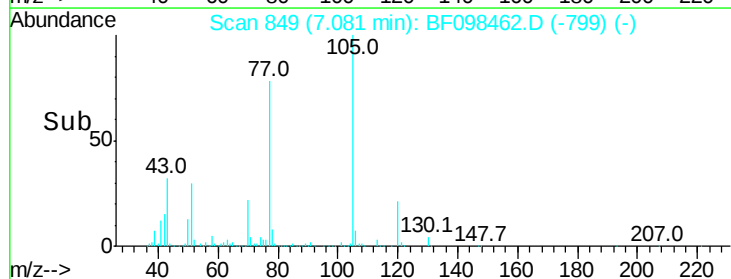
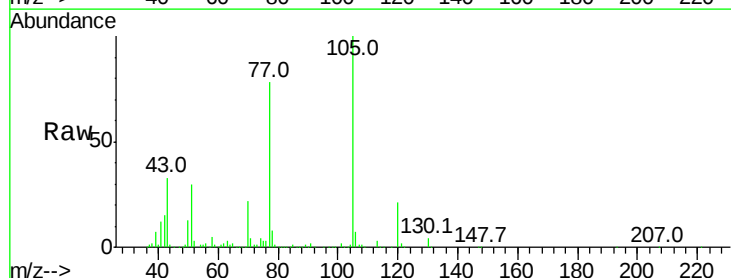
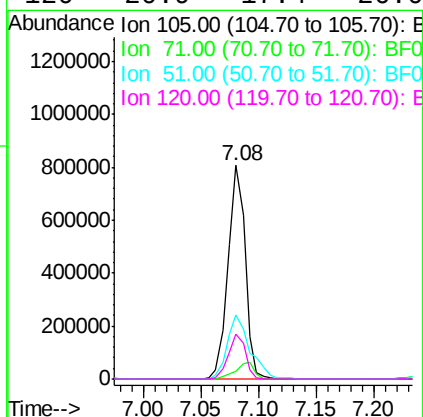
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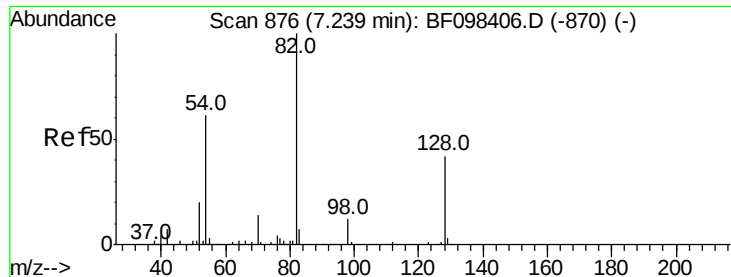
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#22
Acetophenone
Concen: 40.682 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	2.8	4.2	
51	30.1	30.7	46.1#	
120	20.9	17.4	26.0	





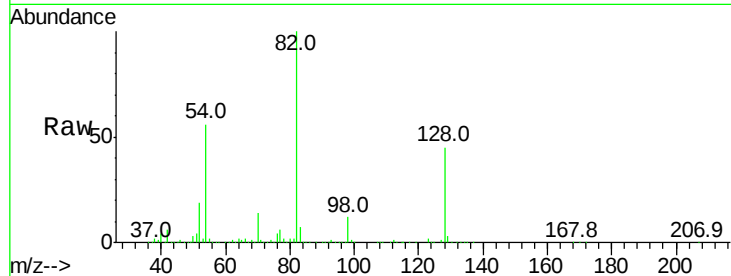
#23
Nitrobenzene-d5
Concen: 79.710 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampled :
RL-5-0-13.75MS

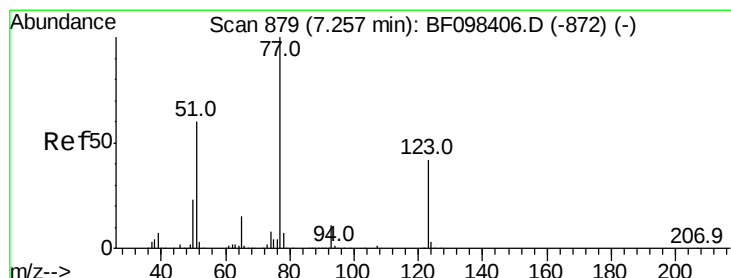
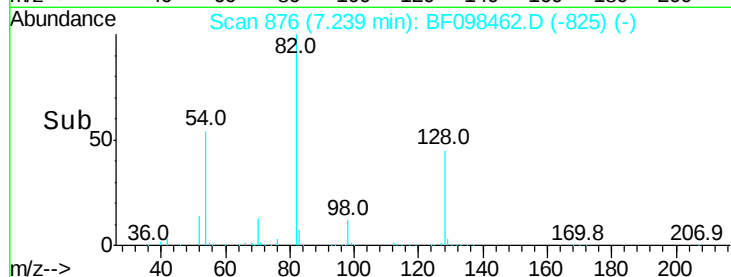
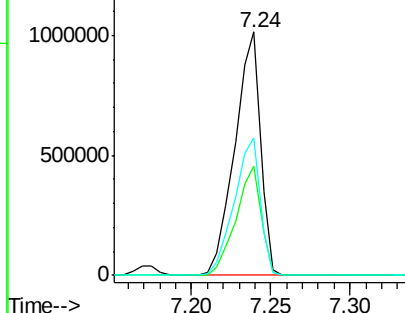
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	56.4	42.2	63.2

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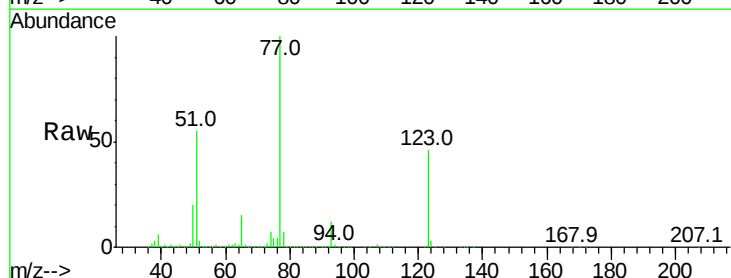


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

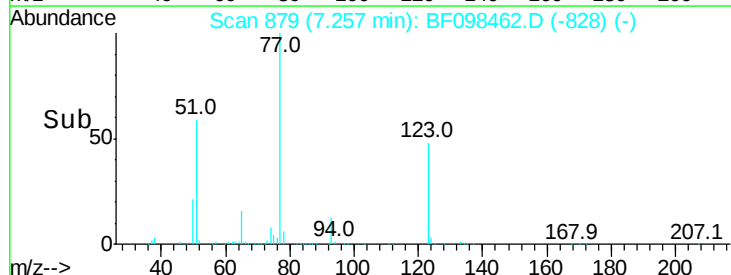
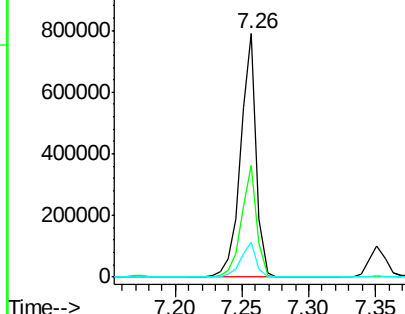


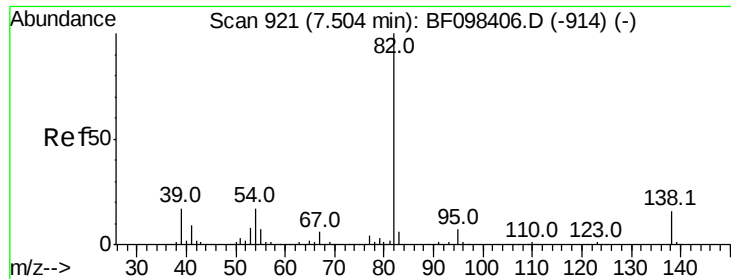
#24
Nitrobenzene
Concen: 39.397 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.8	53.8
65	14.6	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.034 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

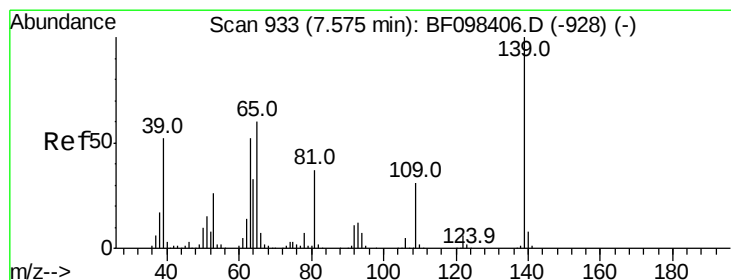
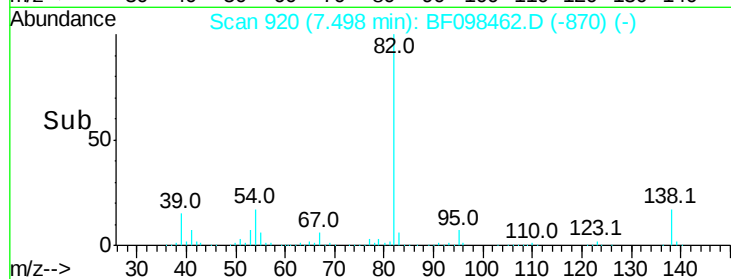
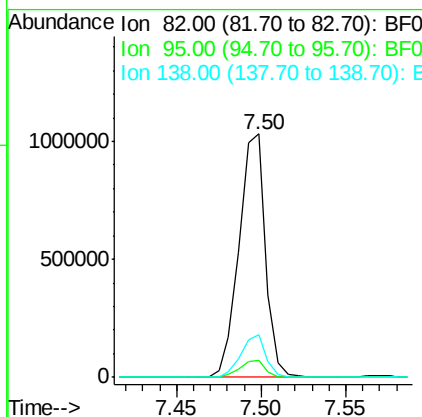
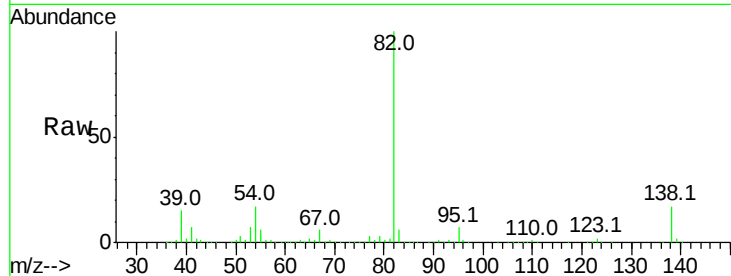
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	82	Resp:	1126116
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	17.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.229 ng

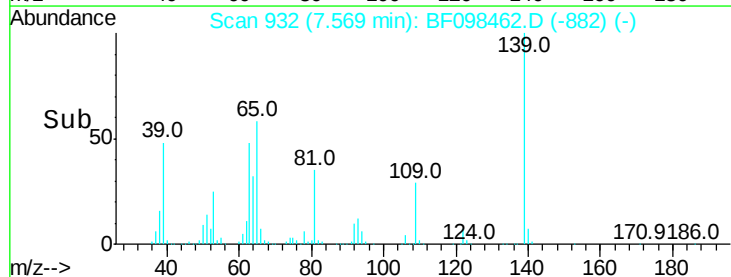
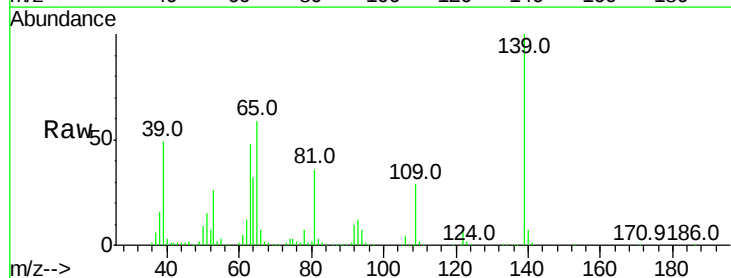
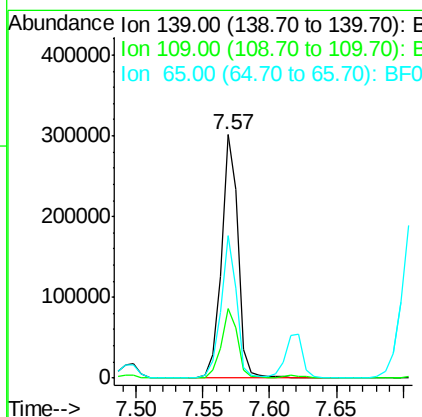
RT: 7.57 min Scan# 932

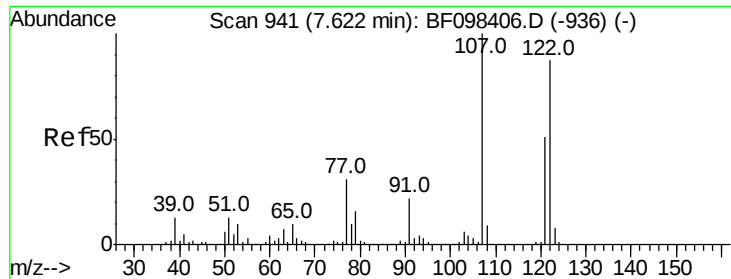
Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	139	Resp:	263811
Ion	Ratio	Lower	Upper
139	100		
109	28.7	21.0	31.6
65	58.5	33.0	49.6#





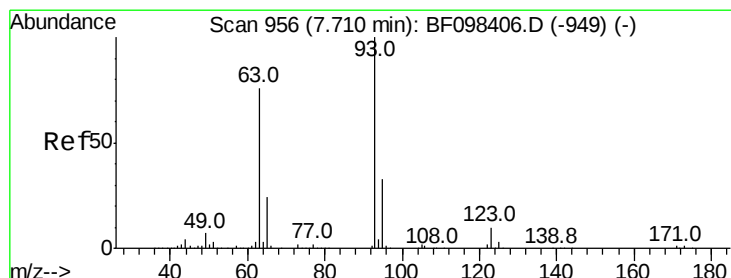
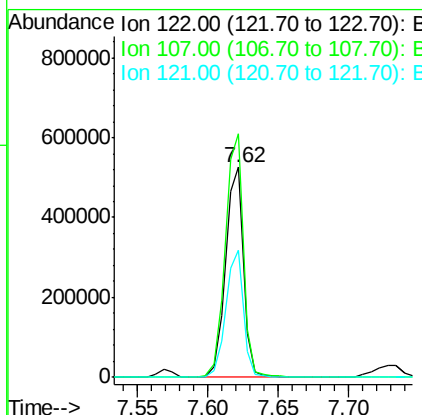
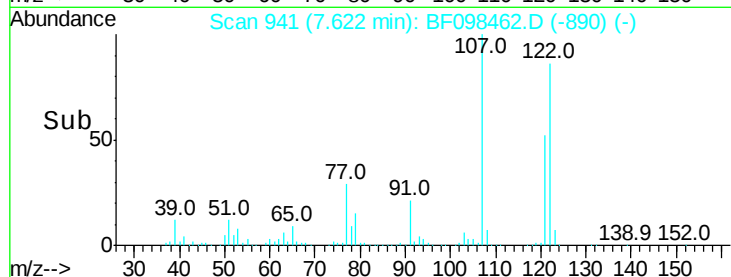
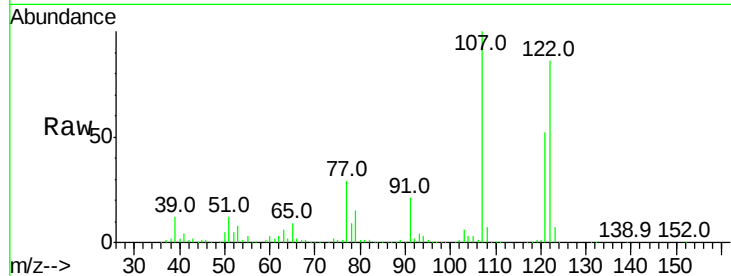
#27
2,4-Dimethylphenol
Concen: 37.225 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	465357		
107	116.0	89.2	133.8	
121	60.7	45.2	67.8	

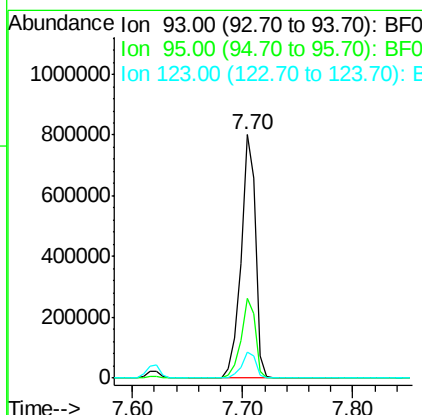
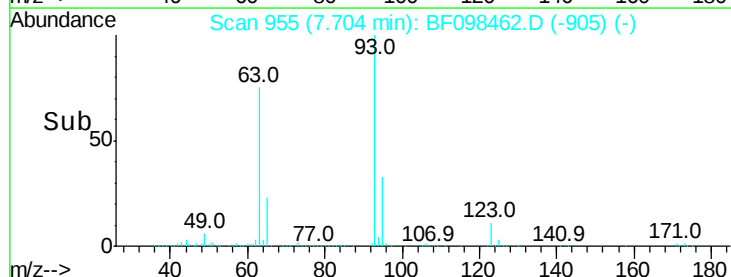
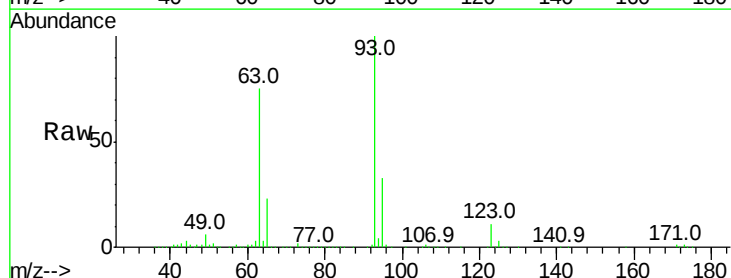
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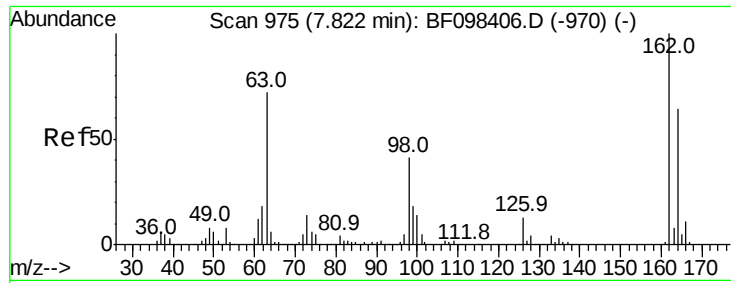
Sohil
9/13/2017 5:00:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.950 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	738481		
95	32.8	26.5	39.7	
123	10.7	9.0	13.4	





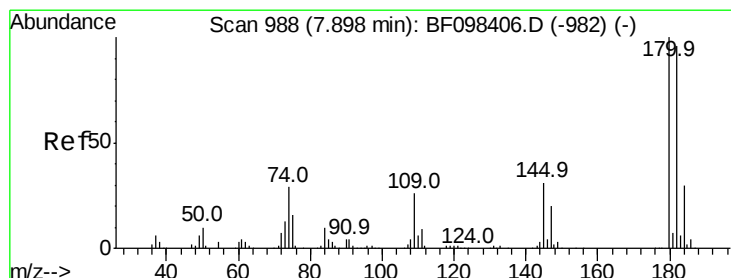
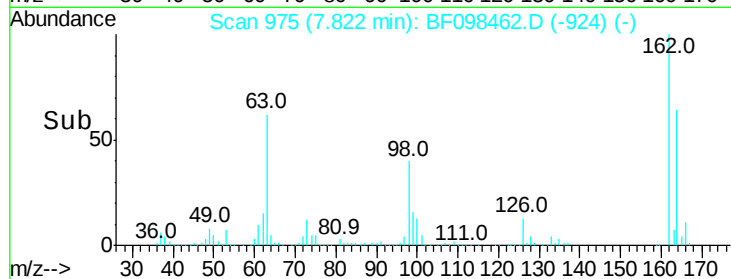
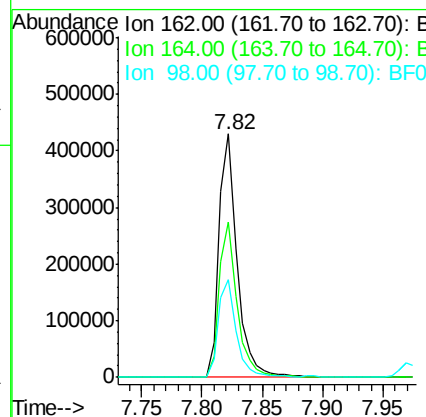
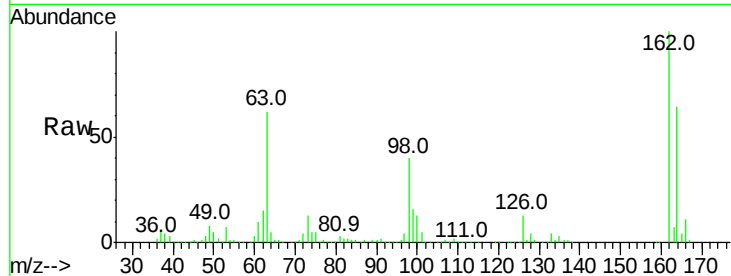
#29
 2,4-Dichlorophenol
 Concen: 42.326 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		440063		
164	63.9	44.6	84.6		
98	39.9	14.8	54.8		

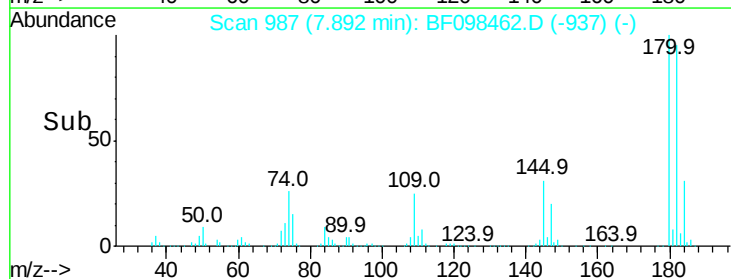
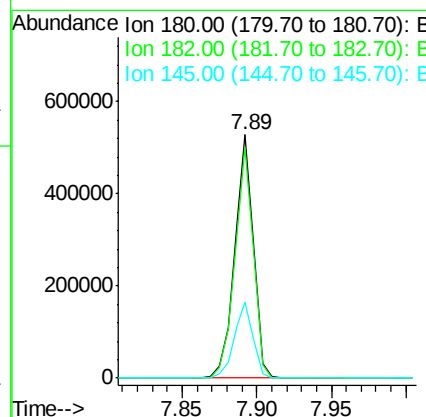
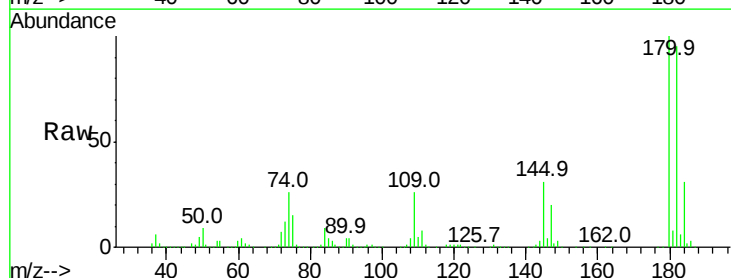
Manual Integrations
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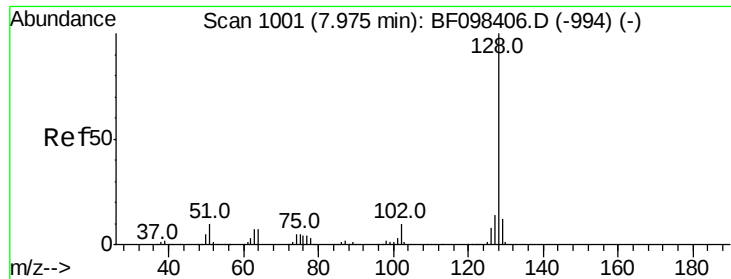
Sohil
 9/13/2017 5:00:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.399 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		468211		
182	94.7	75.8	113.6		
145	31.2	25.3	37.9		





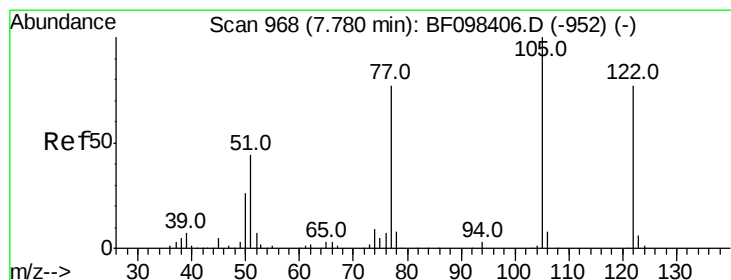
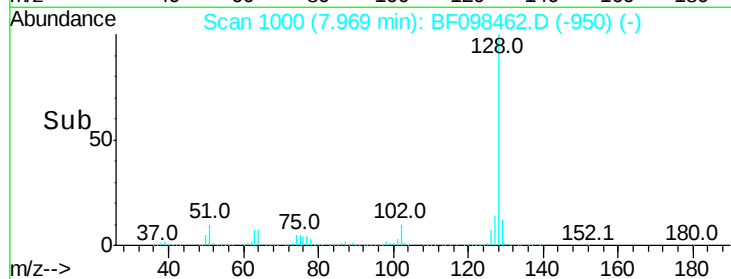
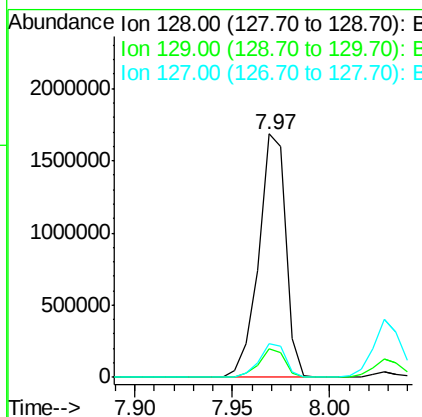
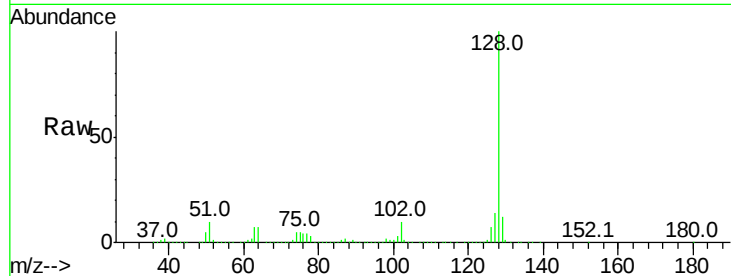
#31
Naphthalene
Concen: 41.306 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion:128 Resp: 1623237
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.9 10.8 16.2

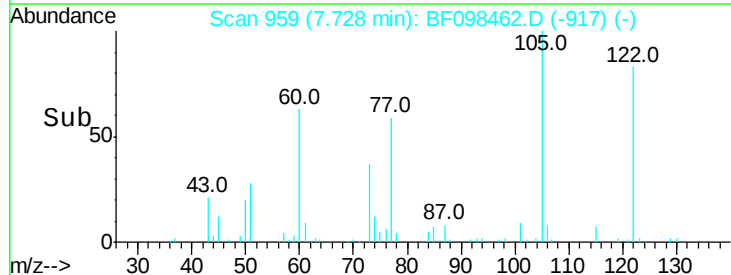
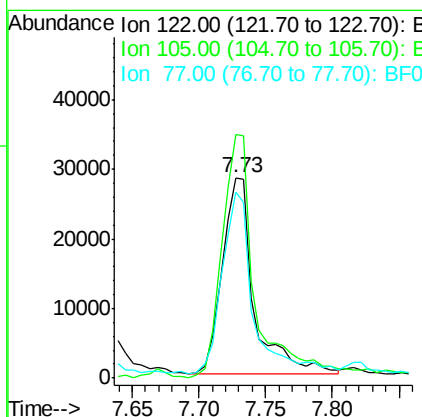
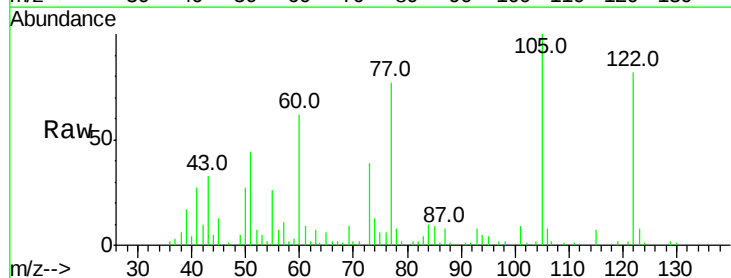
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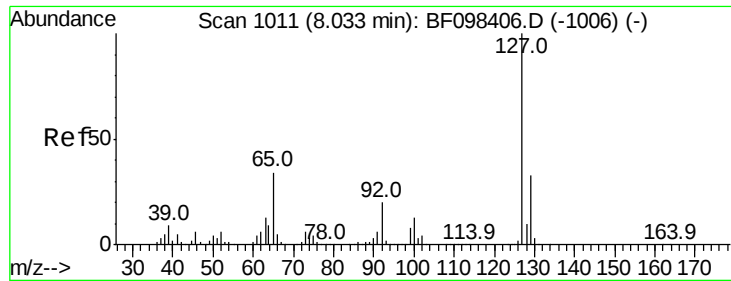
Sohil
9/13/2017 5:00:10 PM



#32
Benzoic acid
Concen: 12.644 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.05 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:122 Resp: 47003
Ion Ratio Lower Upper
122 100
105 121.4 103.3 143.3
77 93.0 73.7 113.7





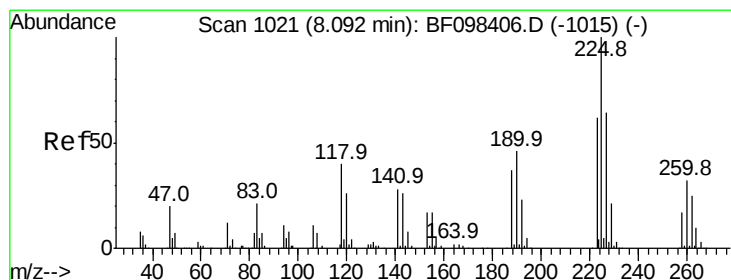
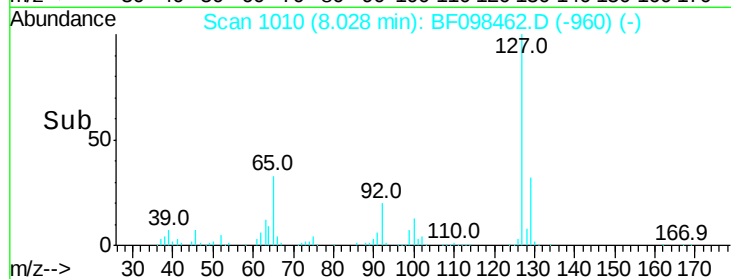
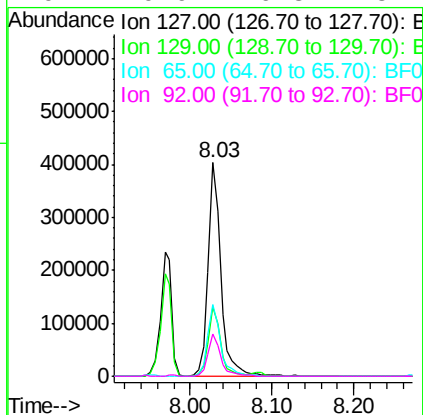
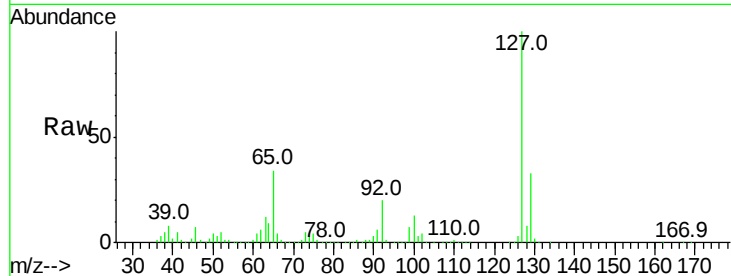
#33
 4-Chloroaniline
 Concen: 27.365 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	33.7	27.8	41.8		
92	19.9	16.8	25.2		

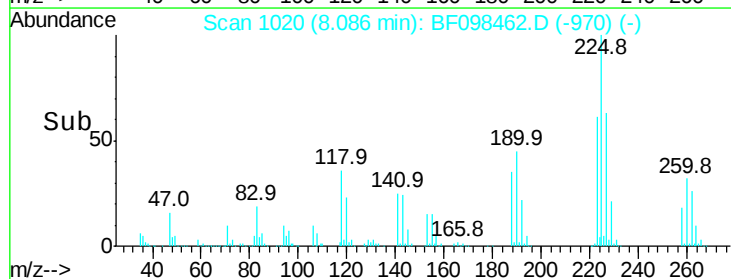
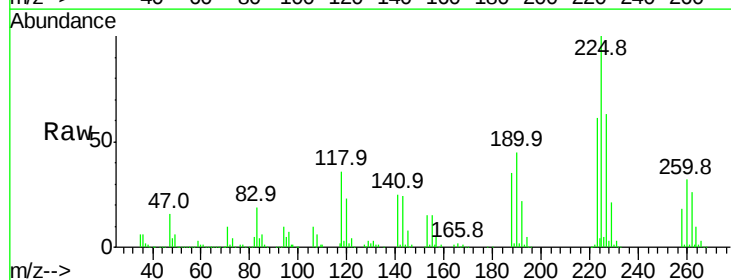
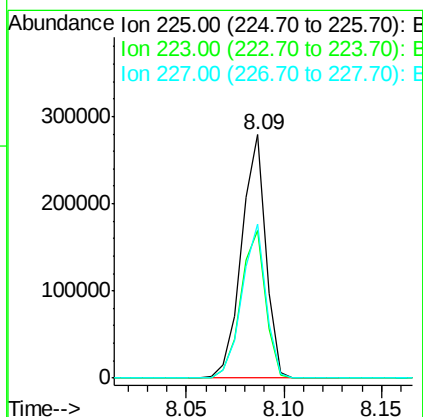
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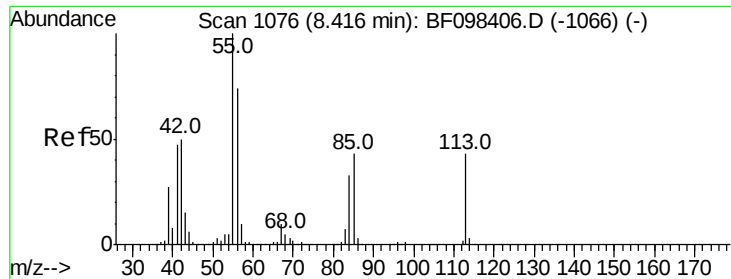
Sohil
 9/13/2017 5:00:10 PM



#34
 Hexachlorobutadiene
 Concen: 41.256 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	48.8	73.2		
227	63.0	51.1	76.7		





#35

Caprolactam

Concen: 39.194 ng/mL

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:113 Resp: 140520

Ion Ratio Lower Upper

113 100

55 223.1 150.2 190.2#

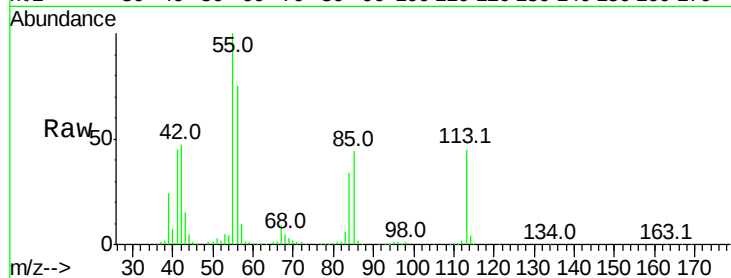
56 167.9 107.8 147.8#

Manual Integrations

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Sohil

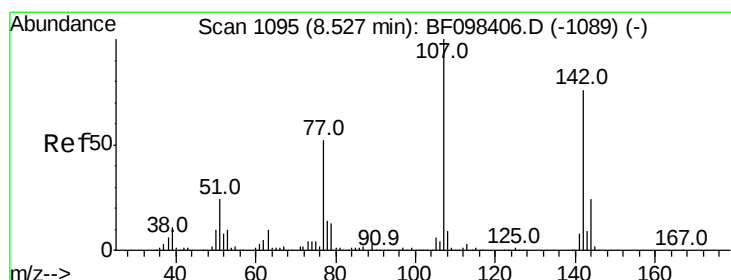
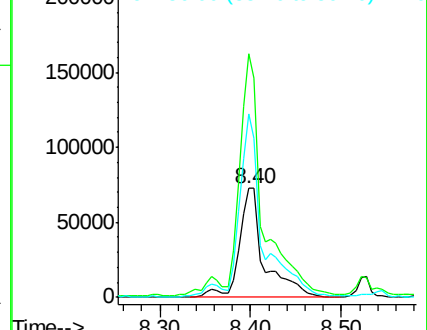
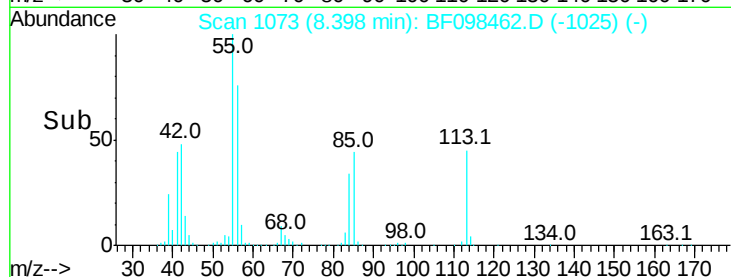
9/13/2017 5:00:10 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.167 ng/mL

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

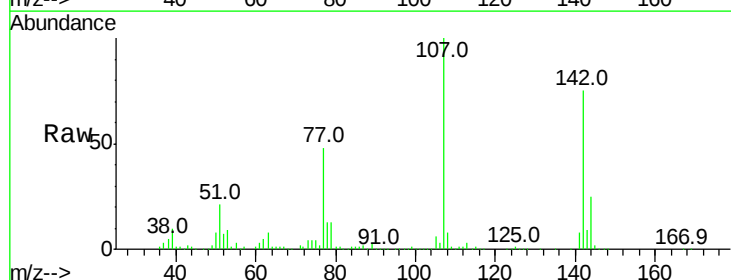
Tgt Ion:107 Resp: 479237

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

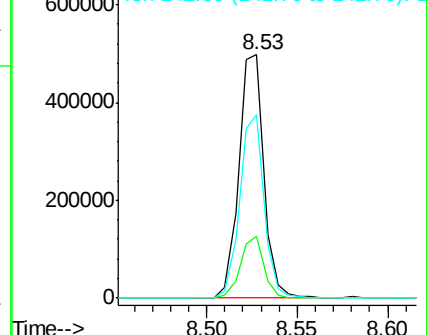
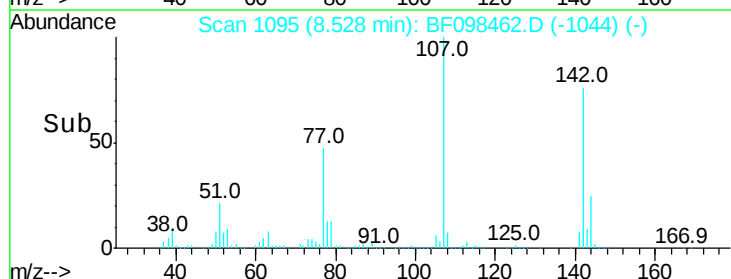
142 75.5 73.4 110.0

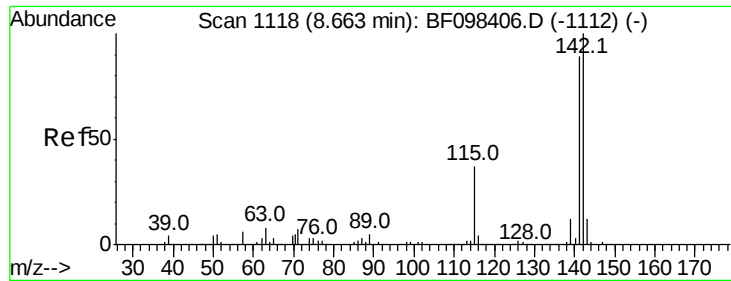


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





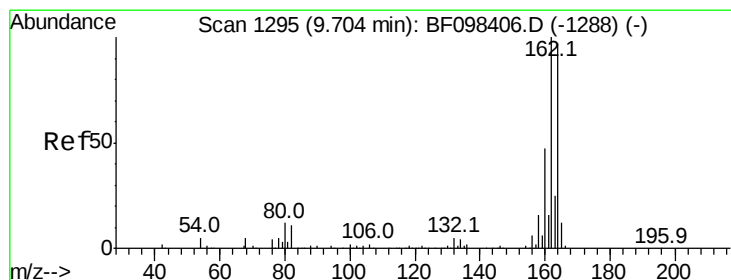
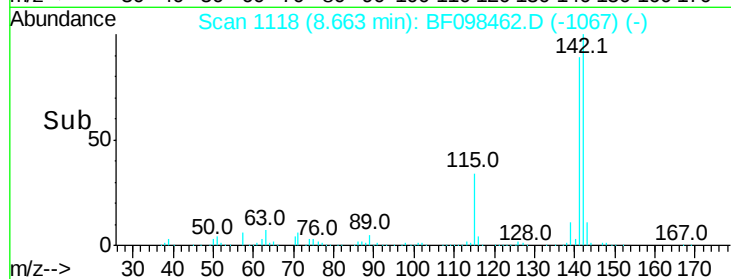
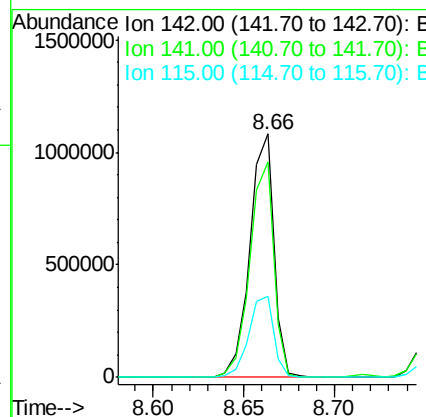
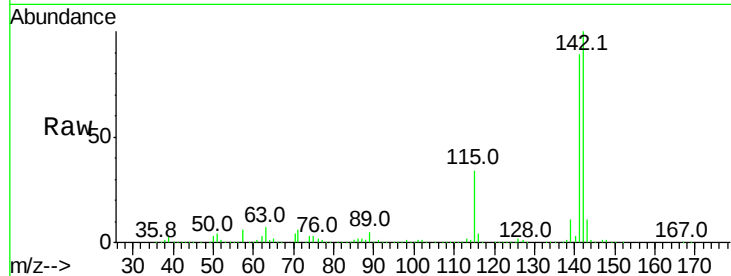
#37
2-Methylnaphthalene
Concen: 41.889 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	997129		
141	88.6	71.3	106.9	
115	33.6	27.1	40.7	

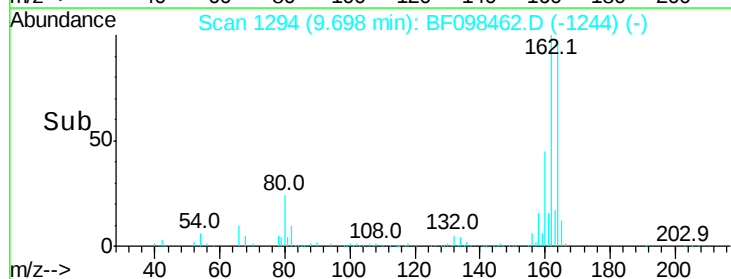
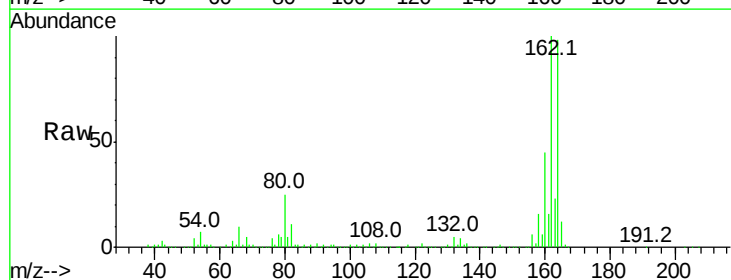
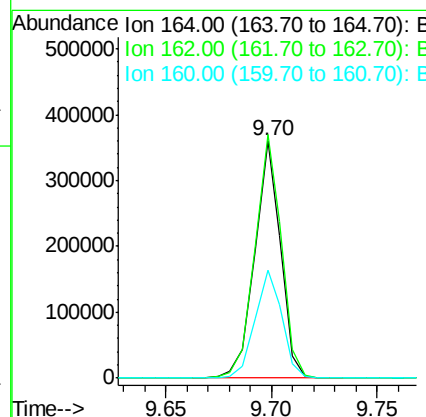
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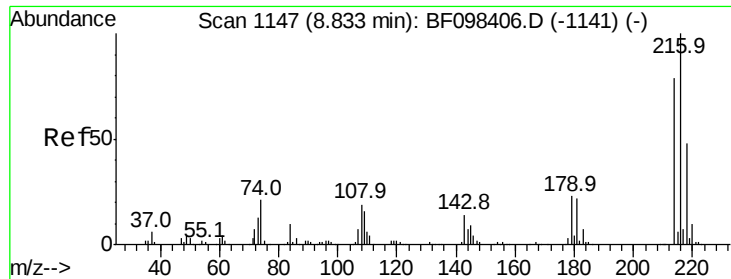
Sohil
9/13/2017 5:00:10 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	304436		
162	102.4	82.6	123.8	
160	45.6	36.2	54.2	





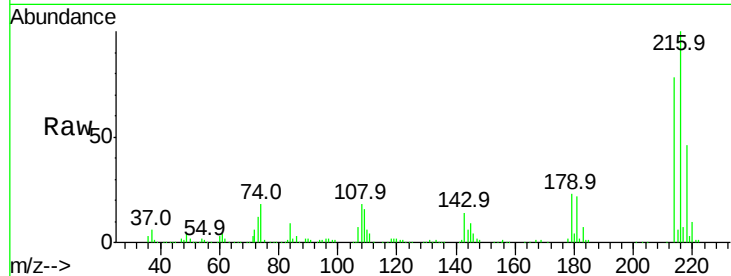
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.188 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

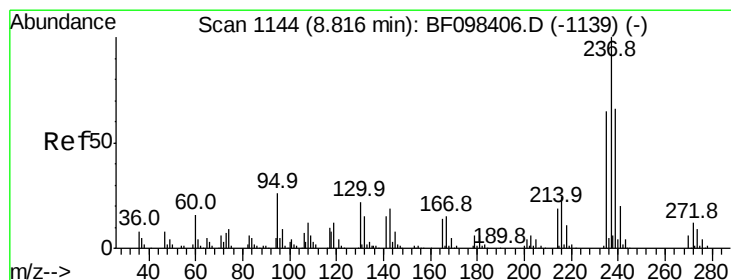
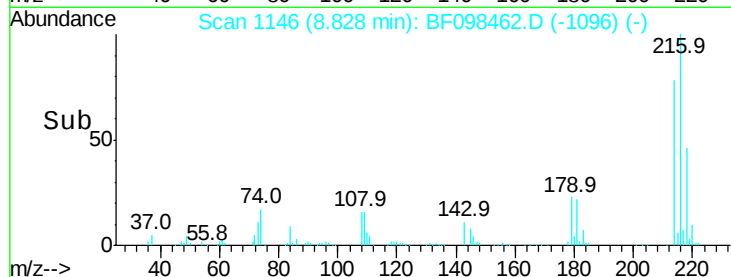
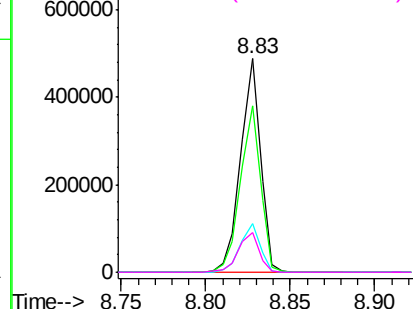
Tot Ion	Ratio	Resp	Lower	Upper
216	100	400071		
214	79.1	63.4	95.2	
179	23.1	17.9	26.9	
108	19.5	16.5	24.7	

Manual Integrations
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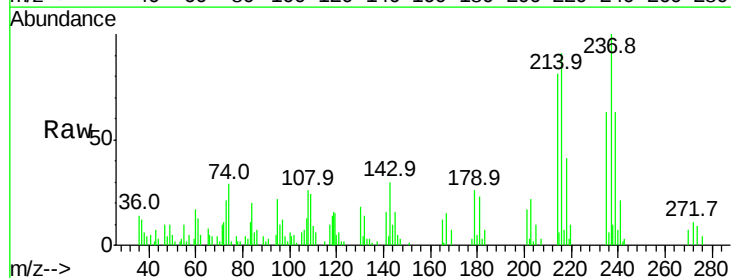


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

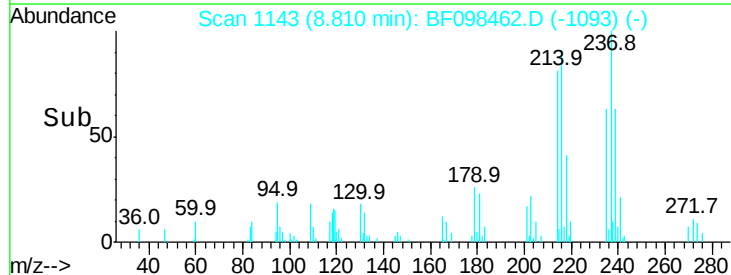
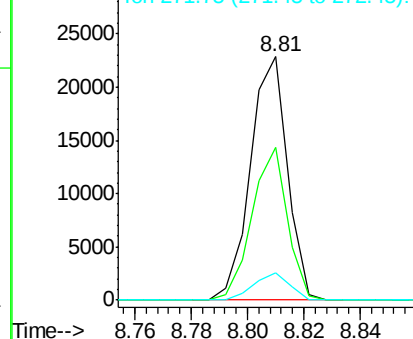


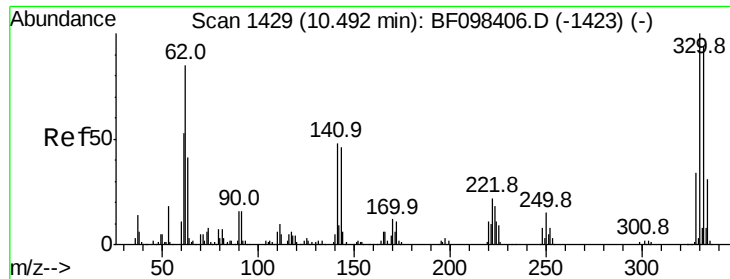
#40
 Hexachlorocyclopentadiene
 Concen: 16.363 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20682		
235	62.6	42.6	82.6	
272	11.3	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





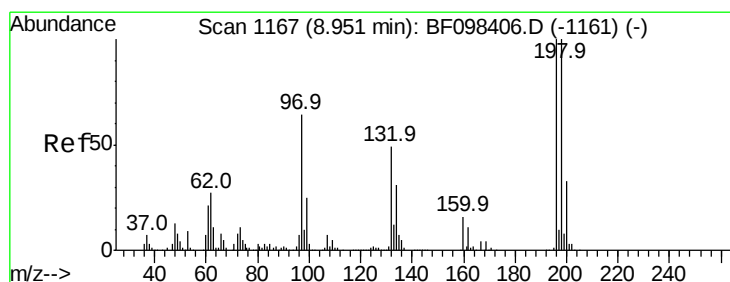
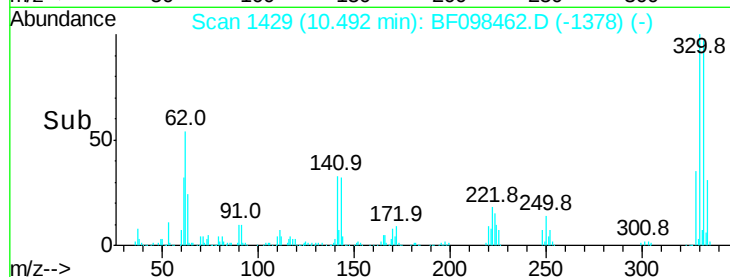
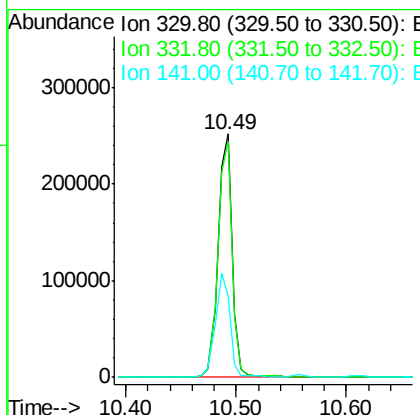
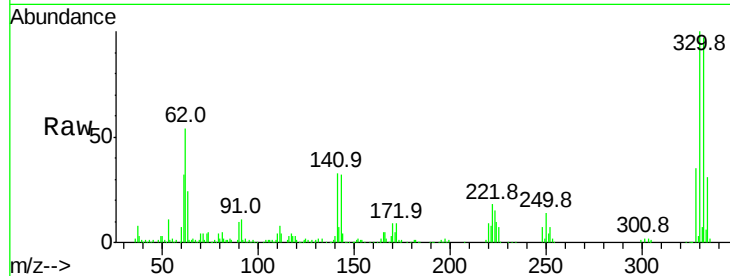
#41
 2,4,6-Tribromophenol
 Concen: 111.273 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226092		
332	97.3	76.6	115.0	
141	44.1	31.4	47.2	

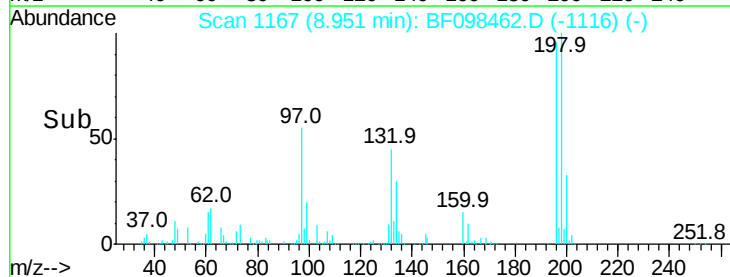
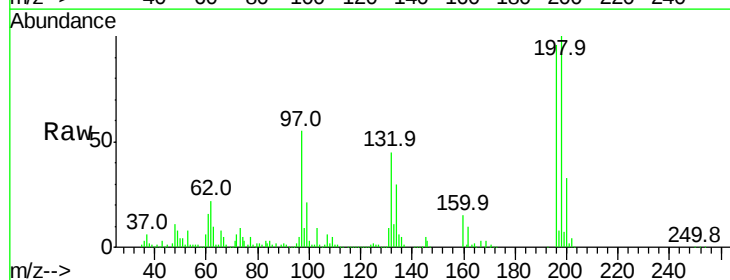
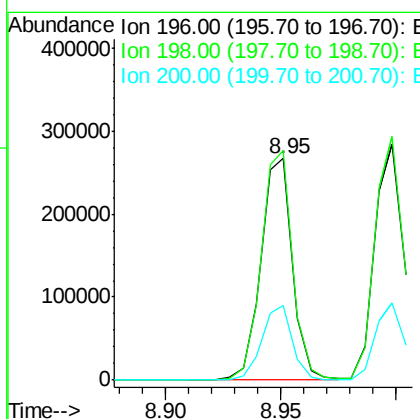
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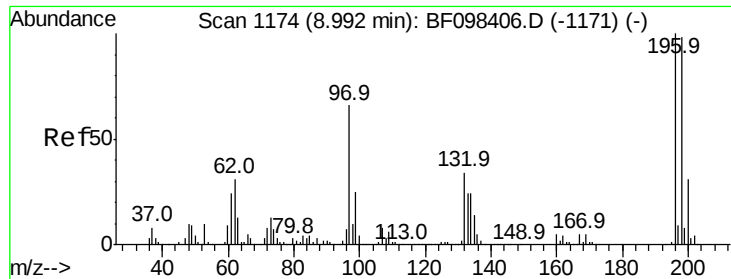
Sohil
 9/13/2017 5:00:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.805 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255138		
198	103.7	74.2	111.4	
200	33.8	24.0	36.0	





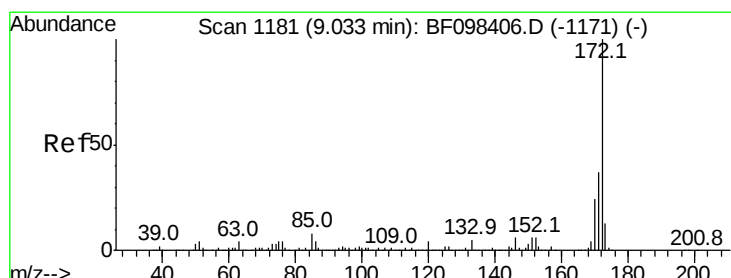
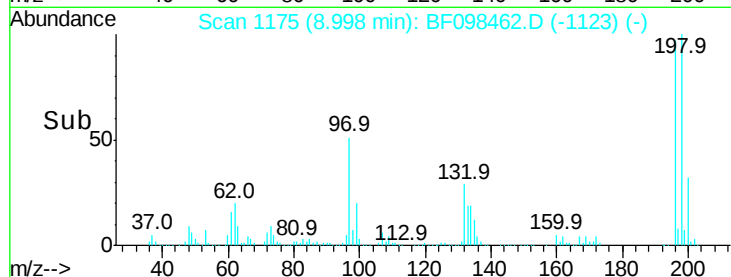
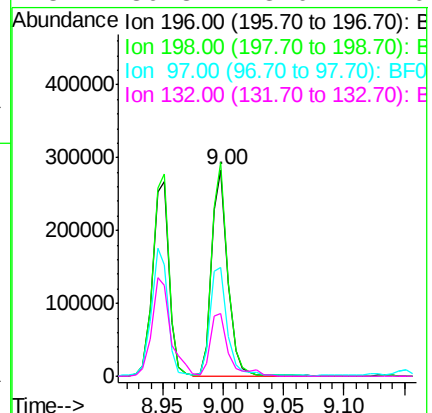
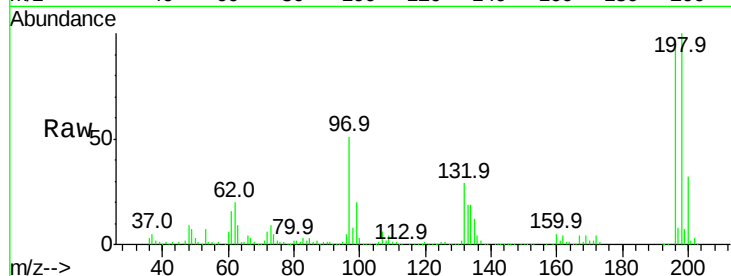
#43
 2,4,5-Trichlorophenol
 Concen: 45.116 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion:	196	Resp:	262666
Ion Ratio	Lower	Upper	
196	100		
198	103.4	75.7	113.5
97	52.5	47.7	71.5
132	30.3	28.0	42.0

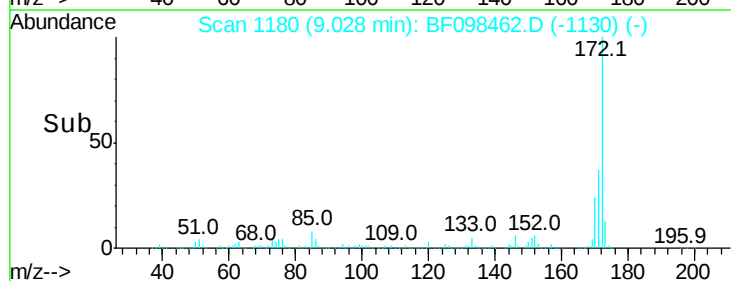
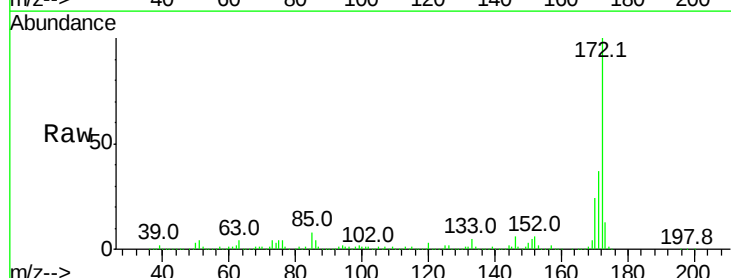
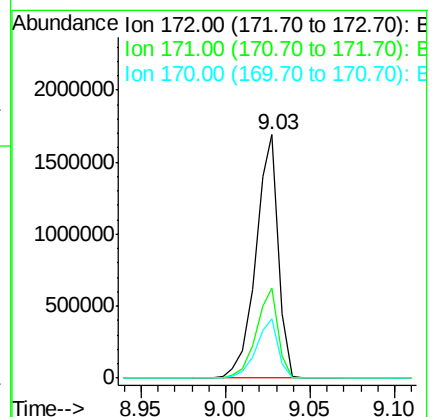
Manual Integrations
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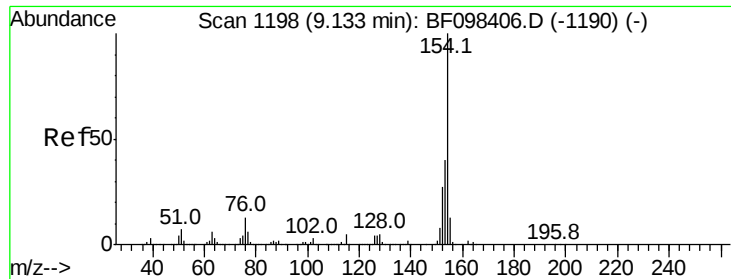
Sohil
 9/13/2017 5:00:10 PM



#44
 2-Fluorobiphenyl
 Concen: 87.223 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:	172	Resp:	1566680
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.478 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:154 Resp: 1130240

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

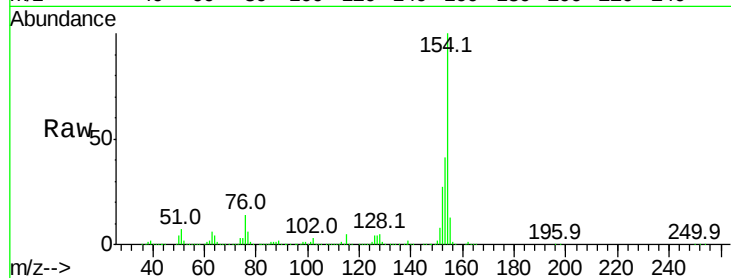
76 13.7 0.0 29.9

Manual Integrations

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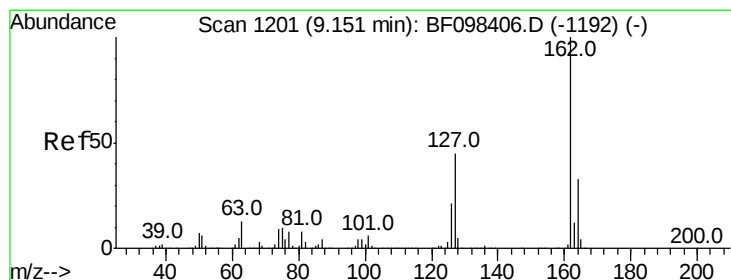
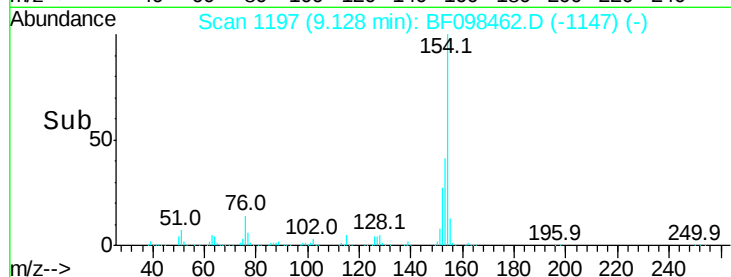
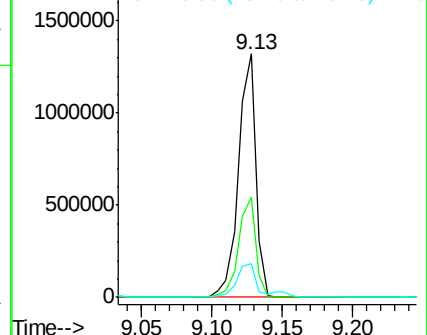
9/13/2017 5:00:10 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.997 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

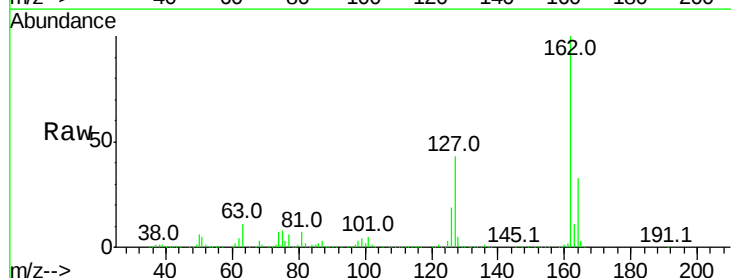
Tgt Ion:162 Resp: 836730

Ion Ratio Lower Upper

162 100

127 42.7 28.3 42.5#

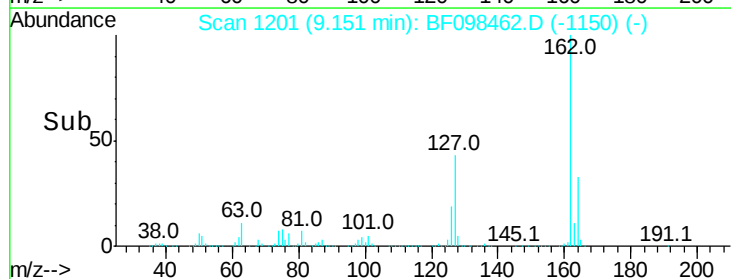
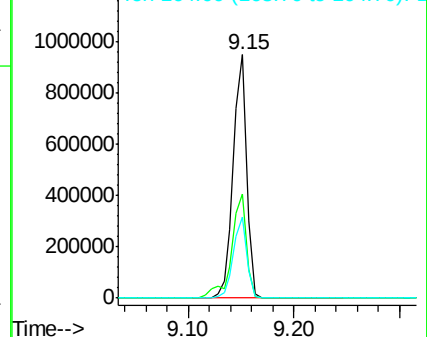
164 33.1 27.0 40.4

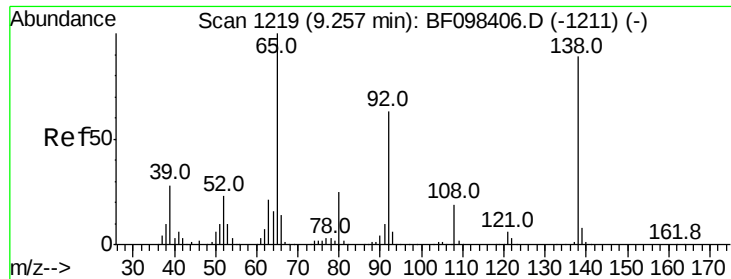


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





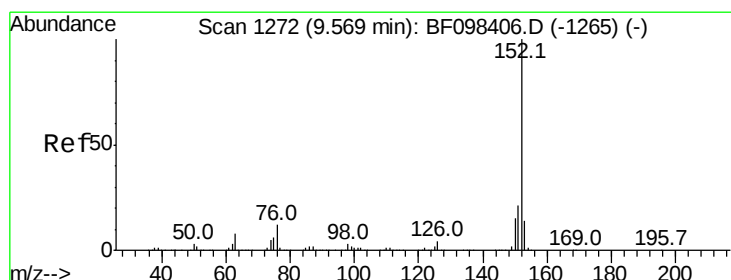
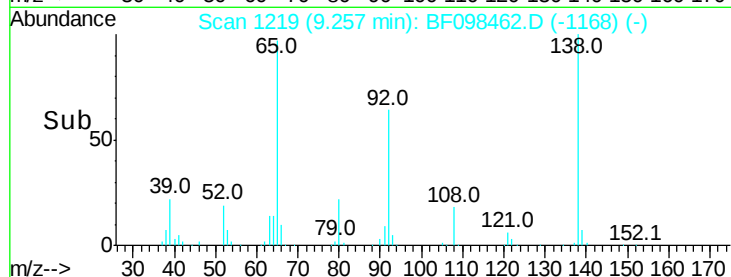
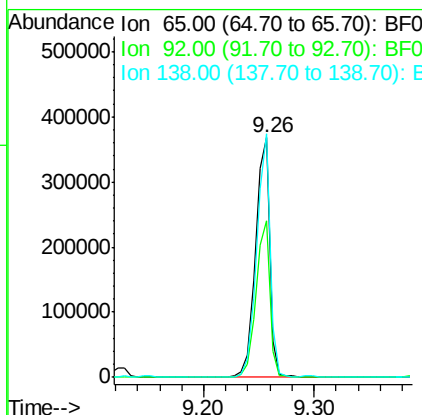
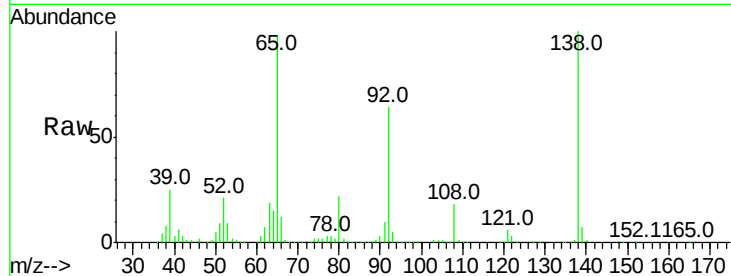
#47
2-Nitroaniline
Concen: 45.168 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.9	80.9
138	101.8	78.8	118.2

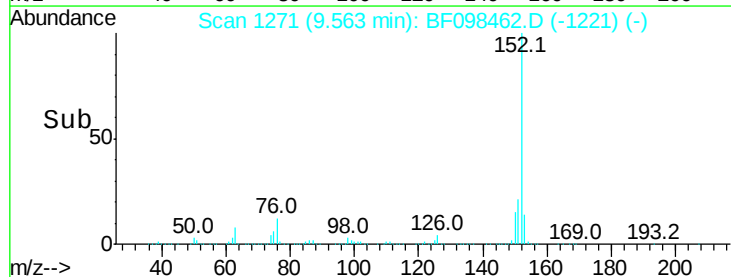
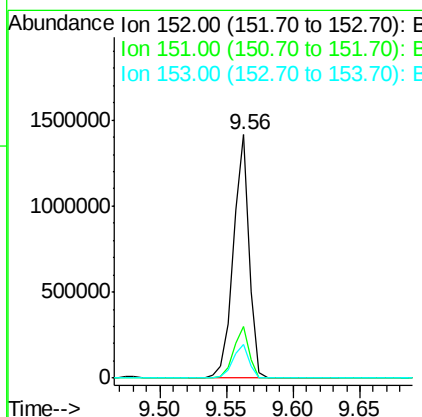
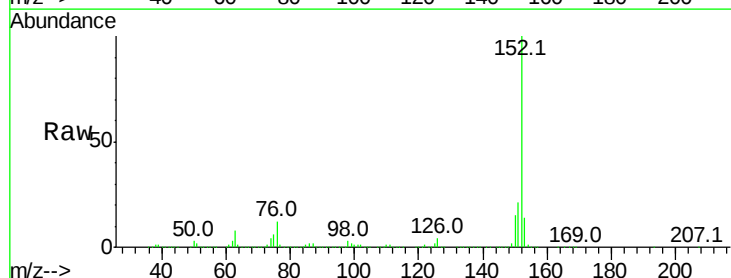
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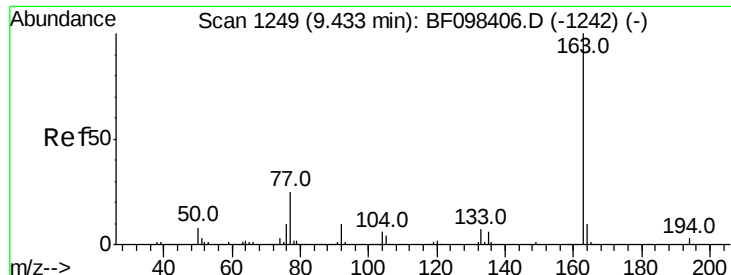
Sohil
9/13/2017 5:00:10 PM



#48
Acenaphthylene
Concen: 40.927 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.0	10.8	16.2





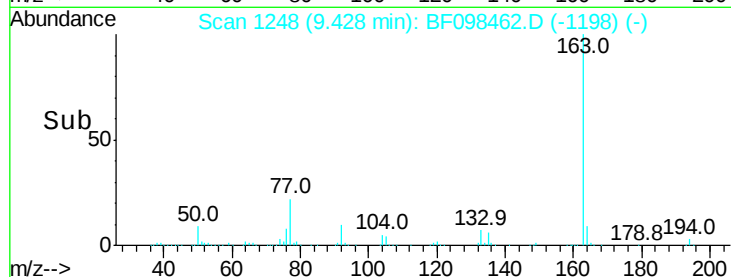
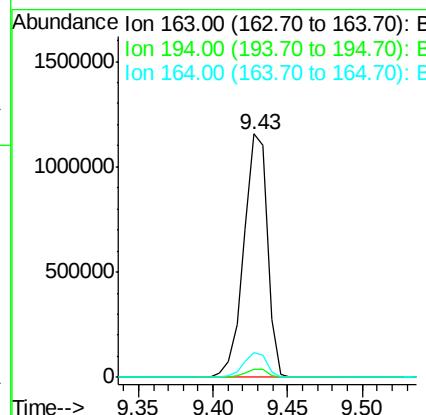
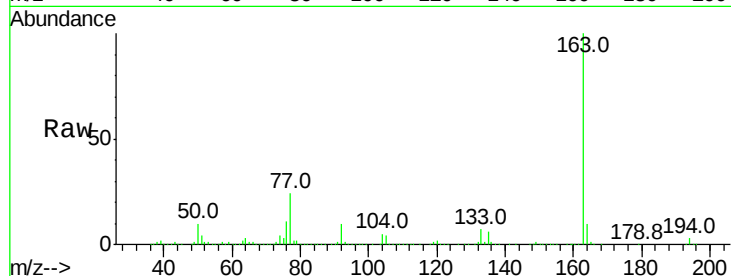
#49
Dimethylphthalate
Concen: 54.016 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

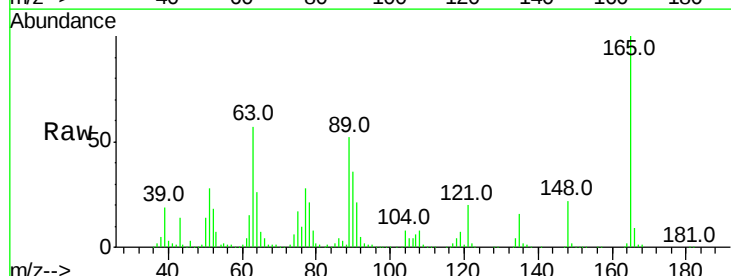
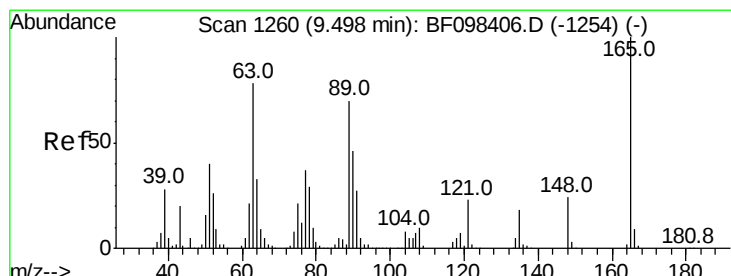
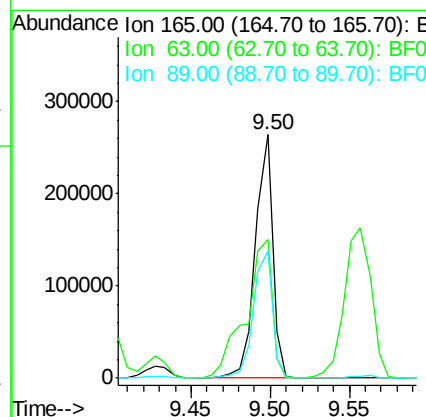
Manual Integrations
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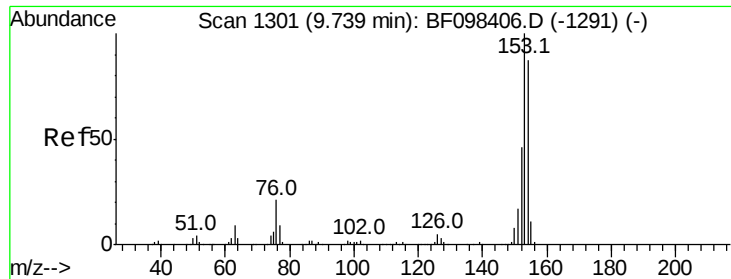
Sohil
9/13/2017 5:00:10 PM



#50
2,6-Dinitrotoluene
Concen: 41.856 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.0	34.3	51.5#
89	52.3	37.1	55.7





#51

Acenaphthene

Concen: 40.110 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

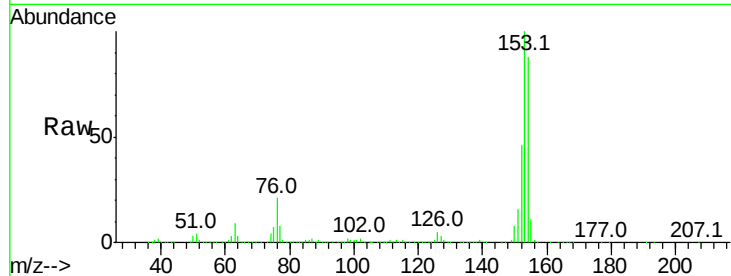
ClientSampleId :

RL-5-0-13.75MS

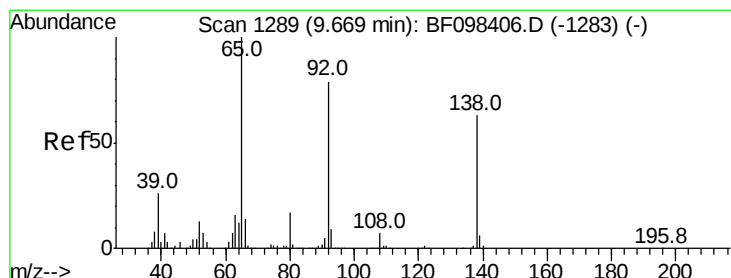
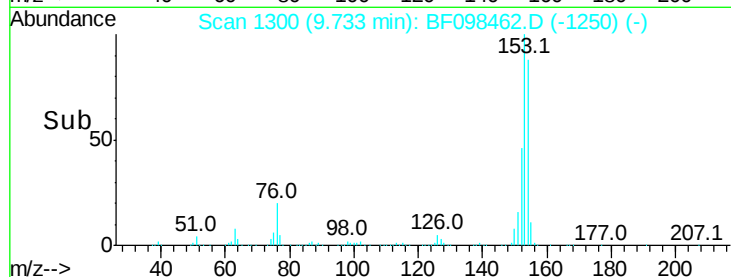
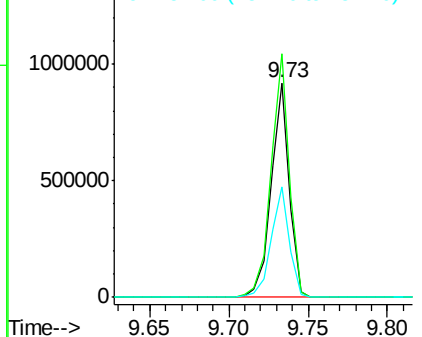
Tot Ion:	154	Resp:	737740
Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	51.7	43.6	65.4

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



#52

3-Nitroaniline

Concen: 40.017 ng

RT: 9.66 min Scan# 1288

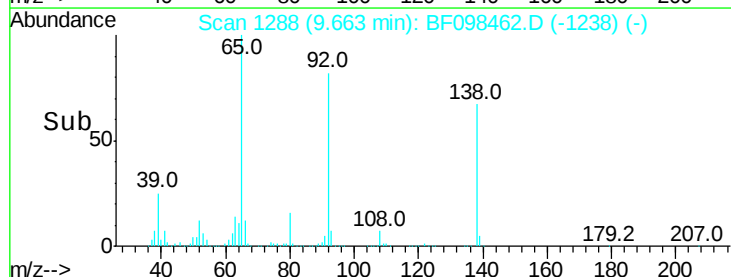
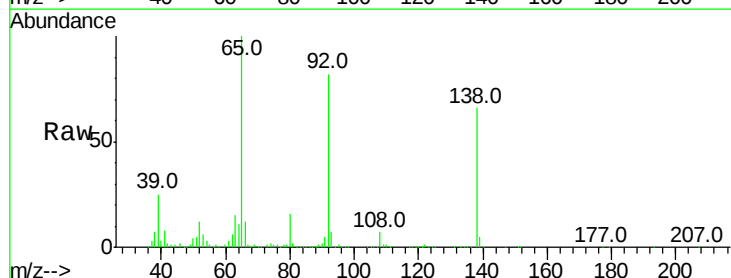
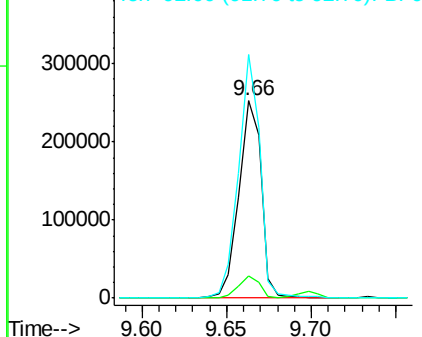
Delta R.T. -0.01 min

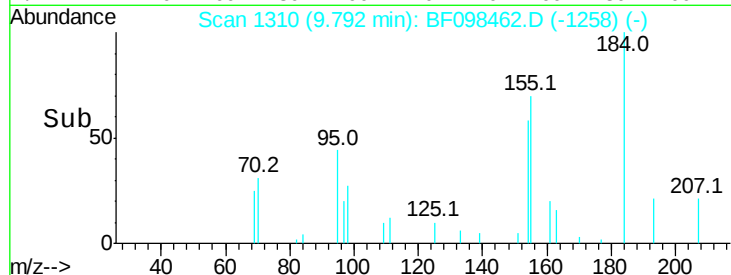
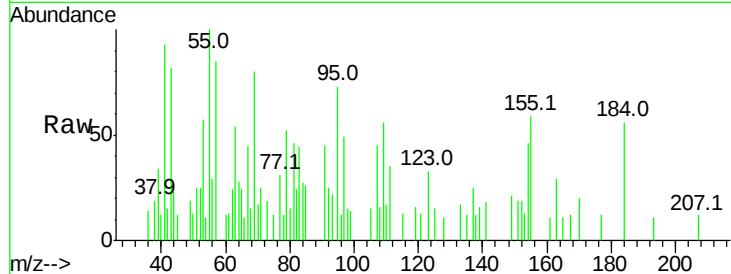
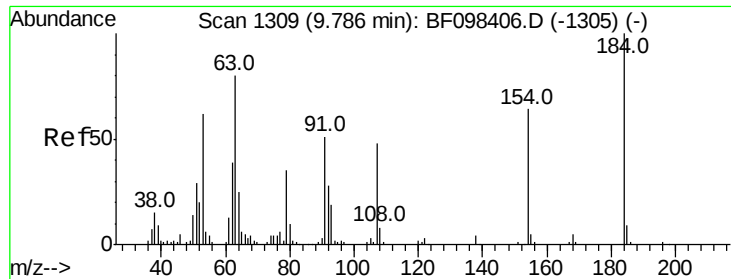
Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	138	Resp:	233832
Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	123.4	93.8	140.6

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





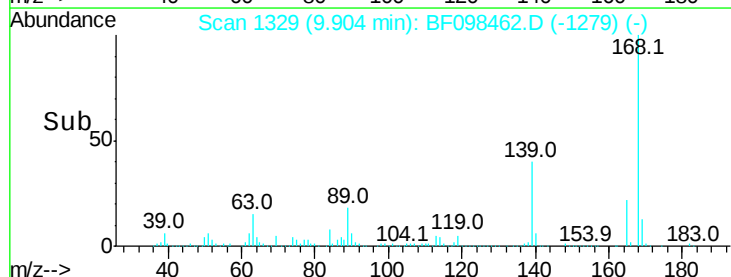
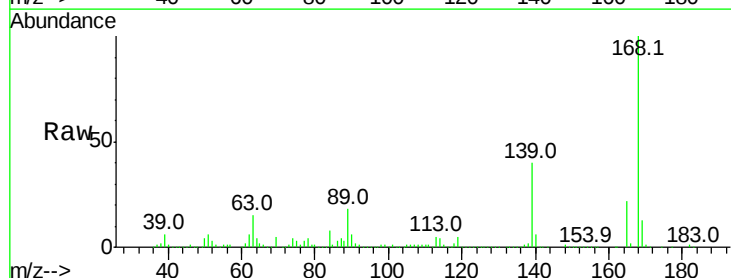
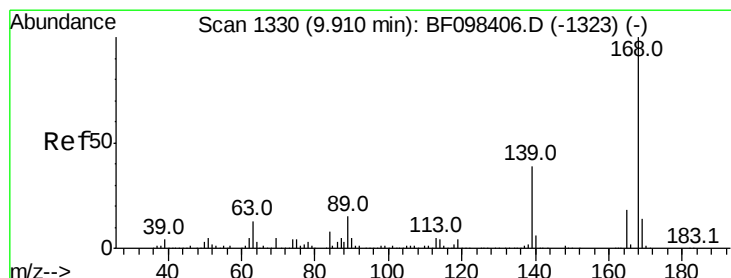
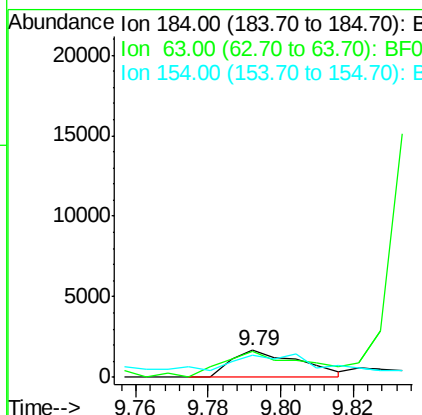
#53
2,4-Dinitrophenol
Concen: 9.387 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tot Ion:184 Resp: 2208
Ion Ratio Lower Upper
184 100
63 98.0 62.7 94.1#
154 83.6 81.1 121.7

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

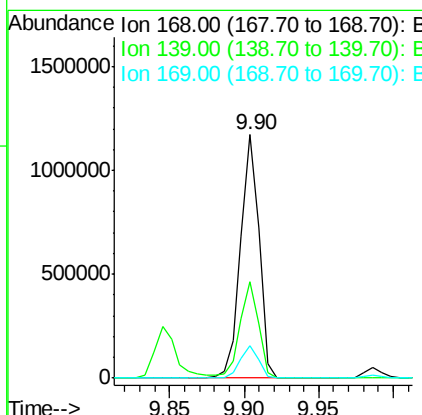
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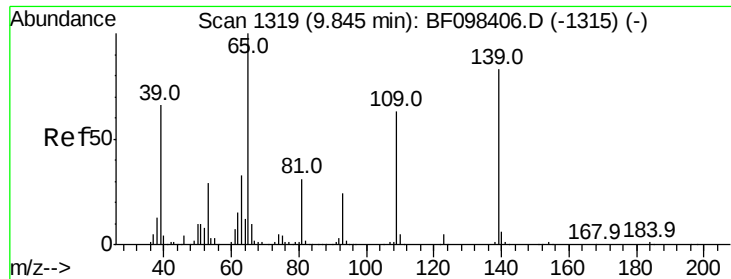
Sohil
9/13/2017 5:00:10 PM



#54
Dibenzofuran
Concen: 41.972 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion:168 Resp: 1017024
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.5 10.8 16.2





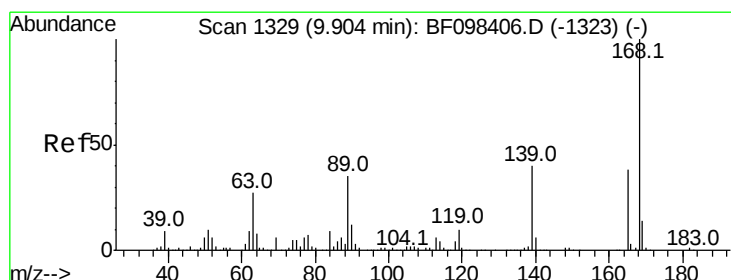
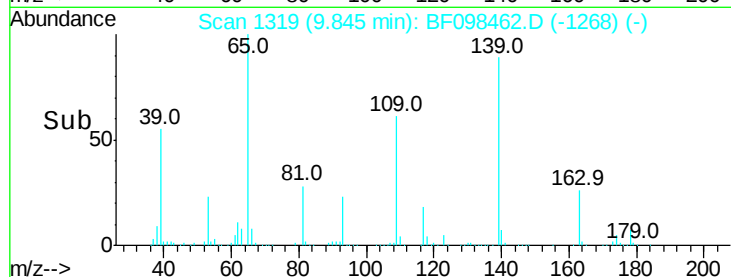
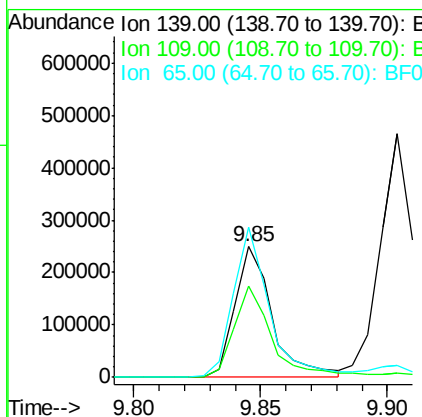
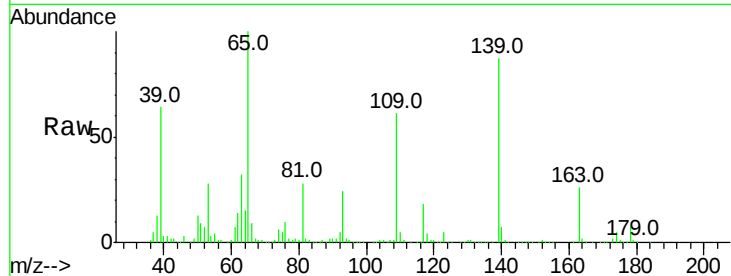
#55
4-Nitrophenol
Concen: 76.092 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.8	34.1	74.1	
65	114.4	31.4	71.4	

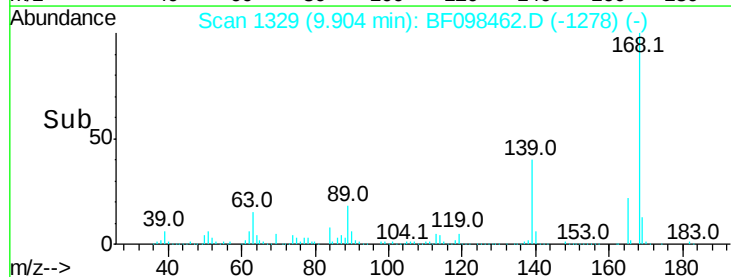
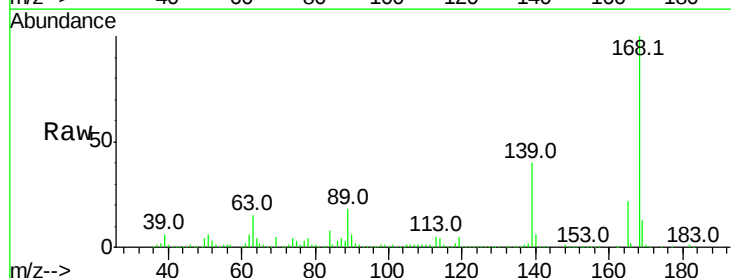
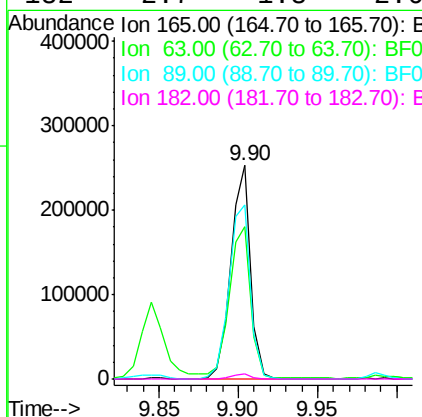
Manual Integrations
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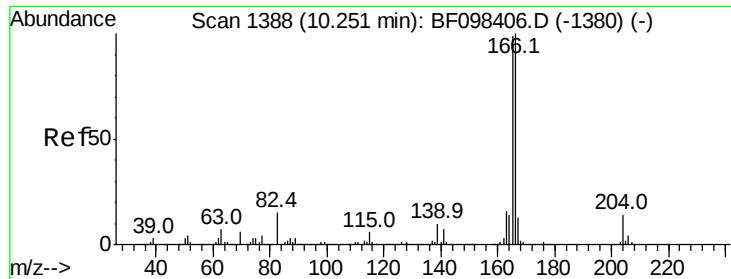
Sohil
9/13/2017 5:00:10 PM



#56
2,4-Dinitrotoluene
Concen: 36.645 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.2	25.4	38.0	
89	81.7	46.4	69.6	
182	2.7	1.8	2.6	





#57

Fluorene

Concen: 38.158 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:166 Resp: 765297

Ion Ratio Lower Upper

166 100

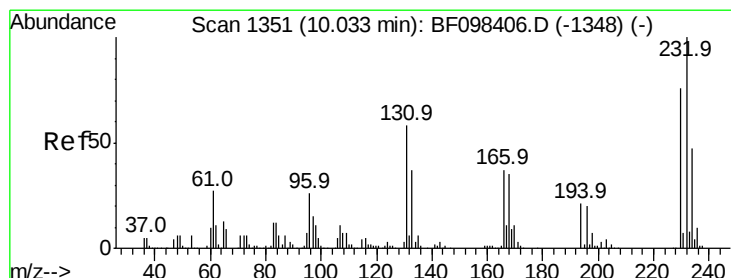
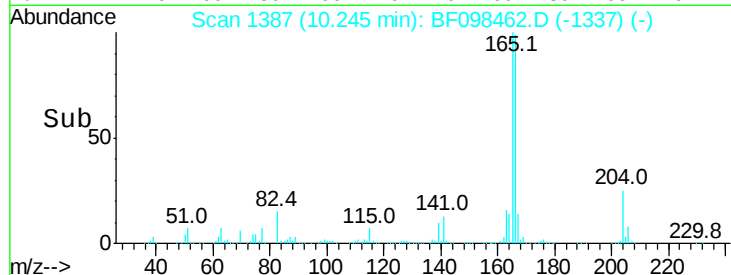
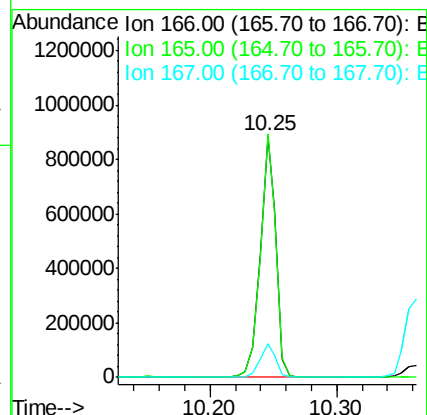
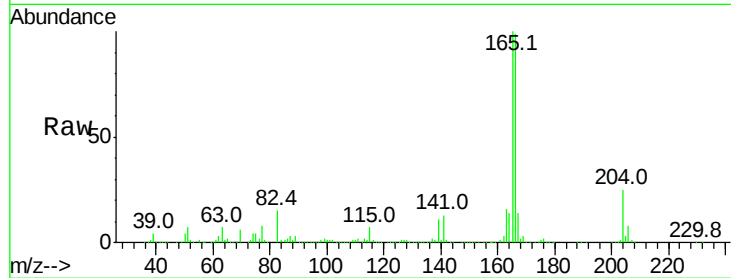
165 101.0 78.8 118.2

167 14.0 10.6 16.0

Manual Integrations
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Sohil

9/13/2017 5:00:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.693 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:232 Resp: 174871

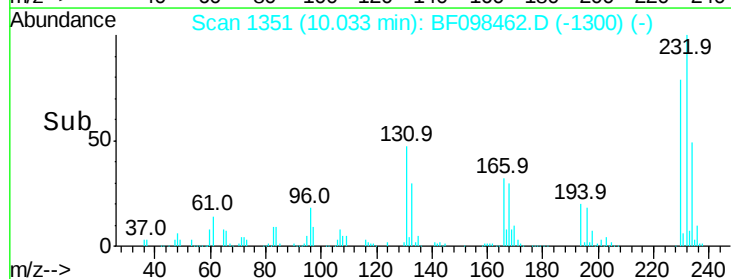
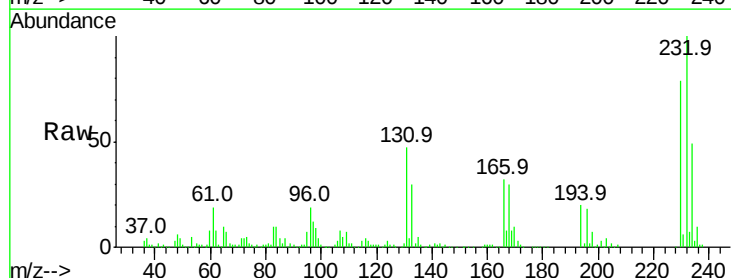
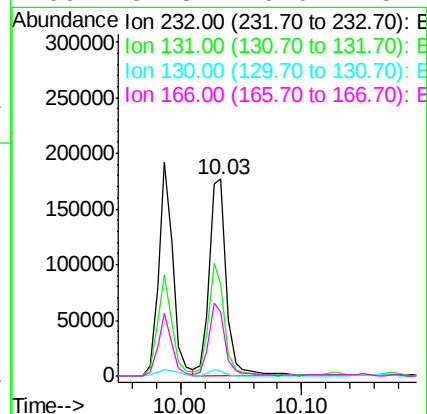
Ion Ratio Lower Upper

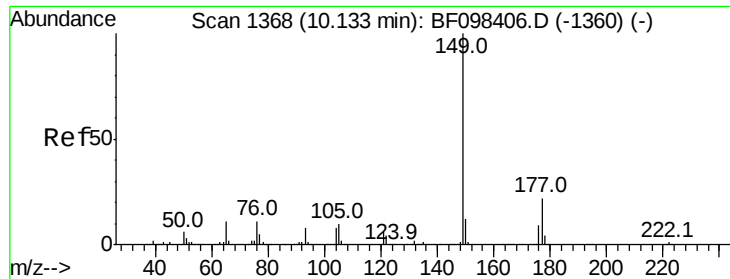
232 100

131 51.3 44.8 67.2

130 2.8 2.3 3.5

166 34.3 29.0 43.4





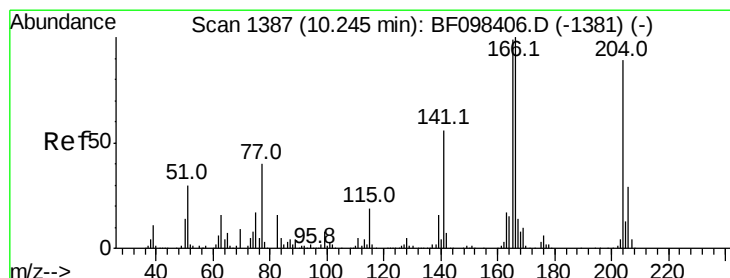
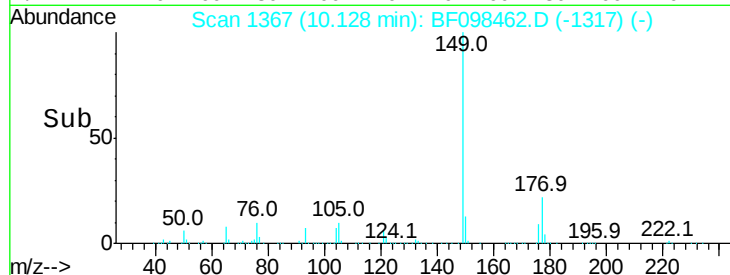
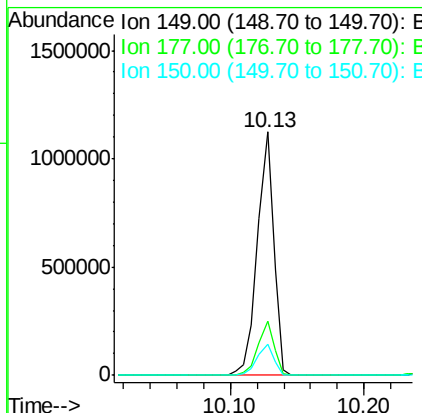
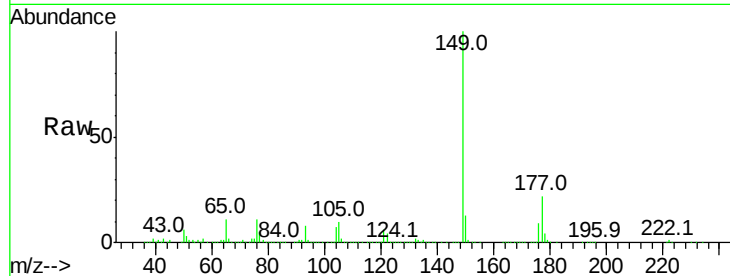
#59
 Diethylphthalate
 Concen: 42.069 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion:	149	Resp:	942855
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.7	25.1
150	12.7	10.2	15.2

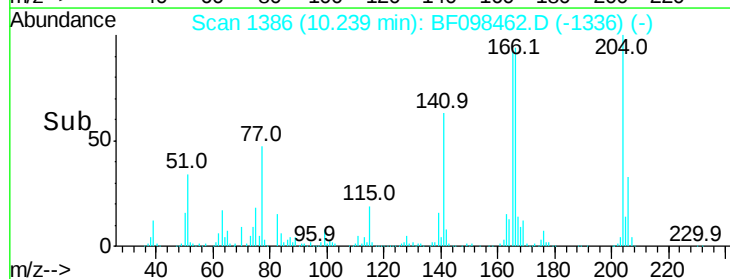
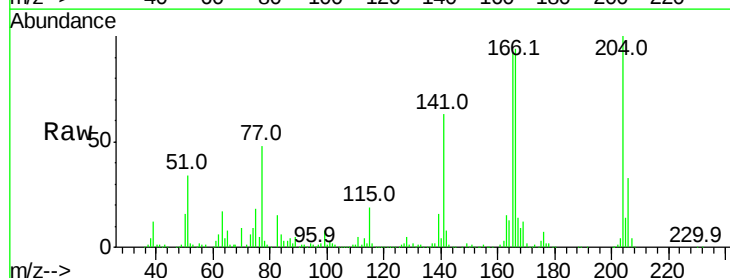
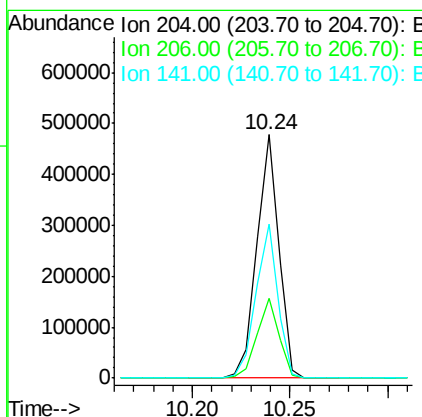
Manual Integrations
 APPROVED

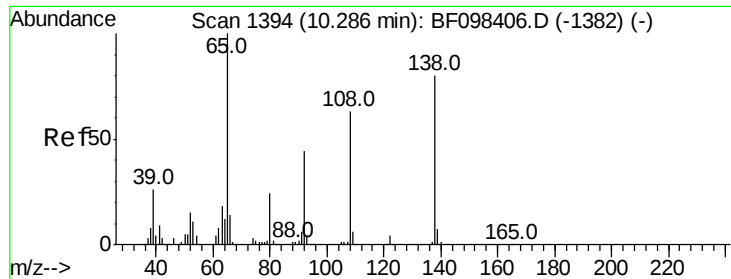
Sohil
 9/13/2017 5:00:10 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 40.399 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion:	204	Resp:	374234
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.2	39.2
141	63.4	60.8	91.2





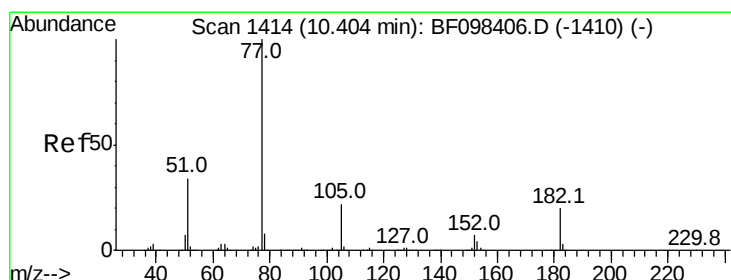
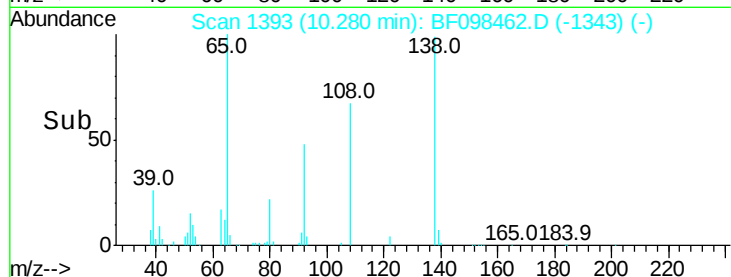
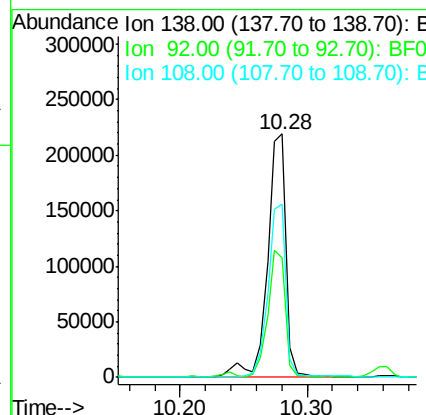
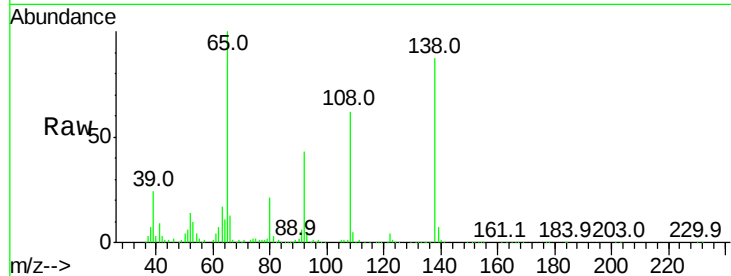
#61
4-Nitroaniline
Concen: 38.374 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	21.8	61.8
108	71.3	42.3	82.3

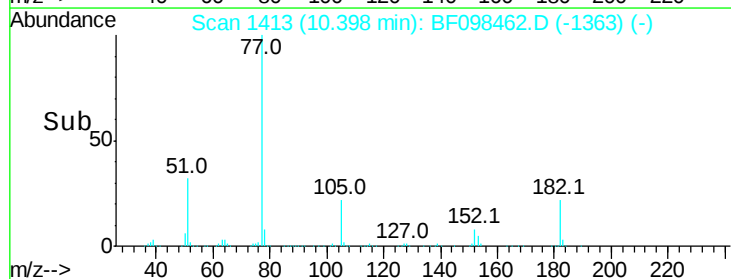
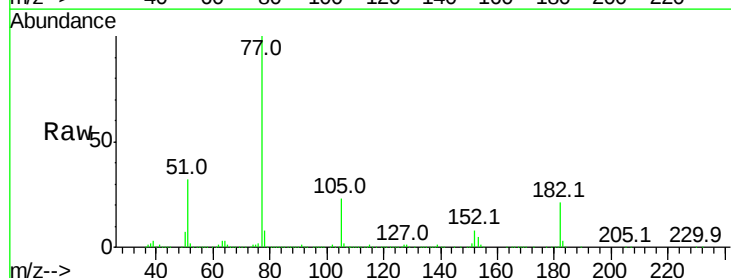
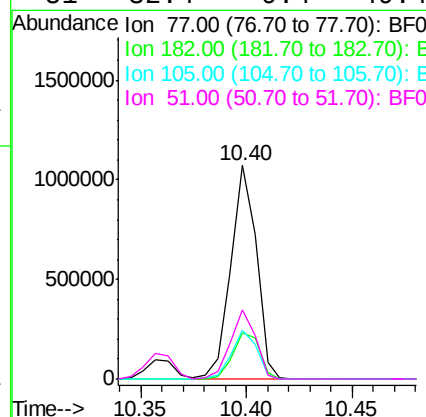
Manual Integrations
APPROVED

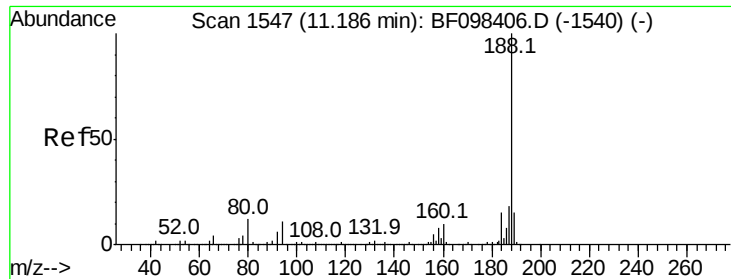
Sohil
9/13/2017 5:00:10 PM



#62
Azobenzene
Concen: 36.977 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.1	40.1
105	22.6	3.6	43.6
51	32.4	9.4	49.4





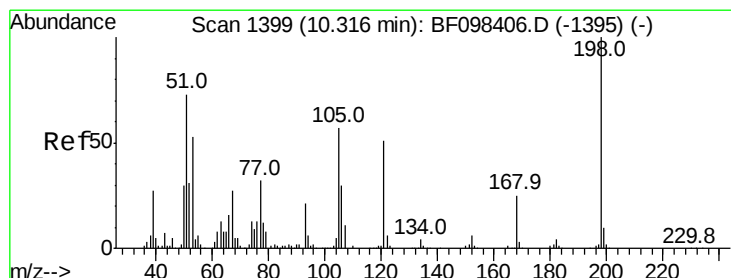
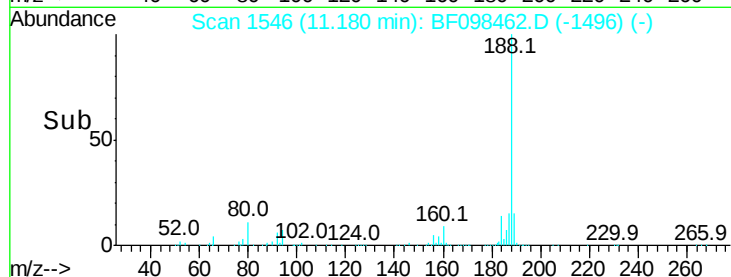
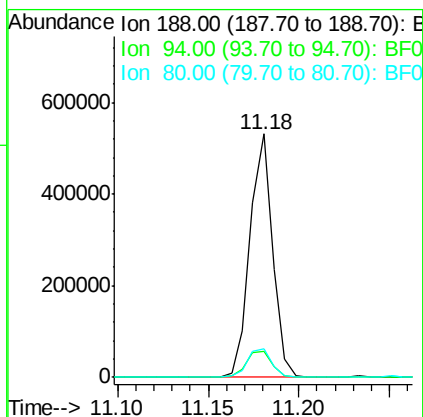
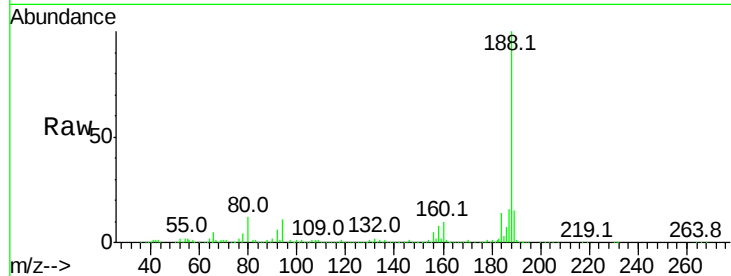
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	461405		
94	10.6		9.4	14.2
80	11.9		10.2	15.2

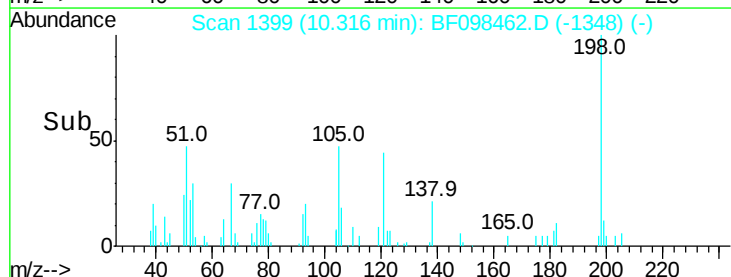
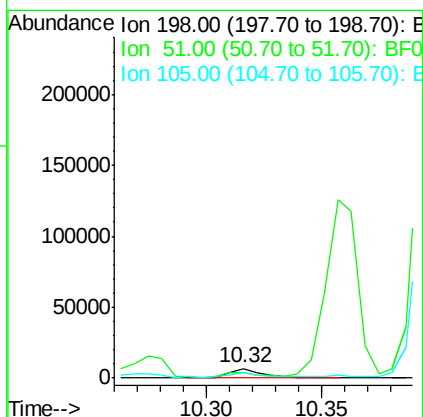
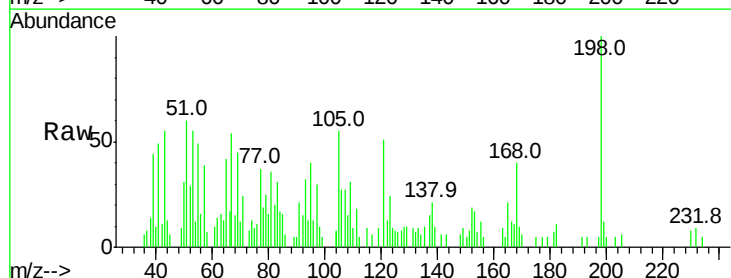
Manual Integrations
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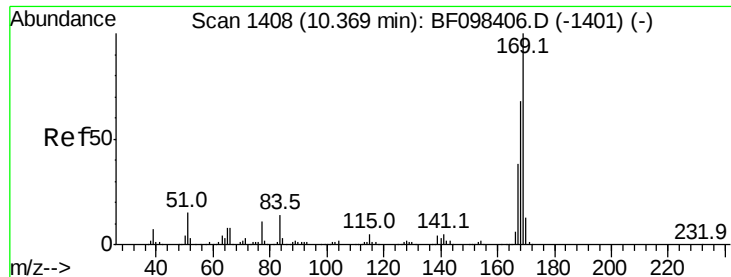
Sohil
9/13/2017 5:00:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 6.967 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6322		
51	60.4		53.2	93.2
105	55.2		45.8	85.8





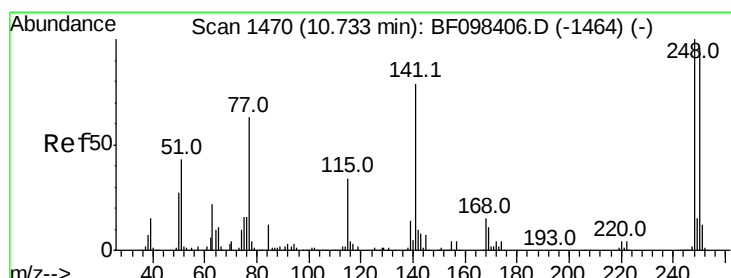
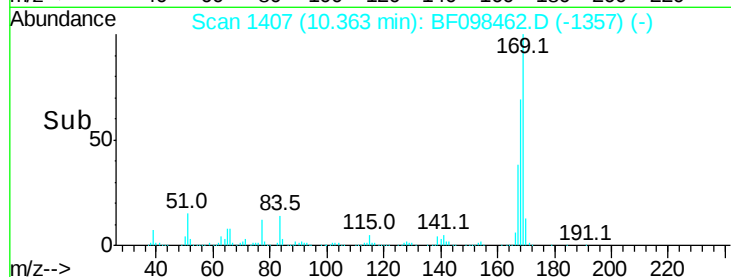
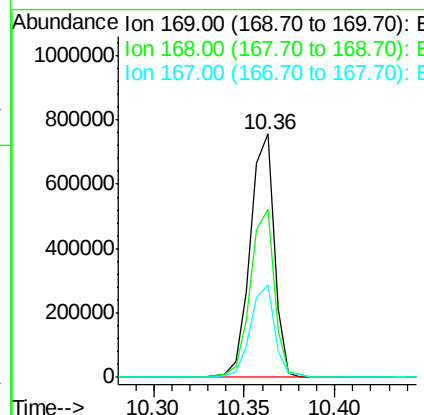
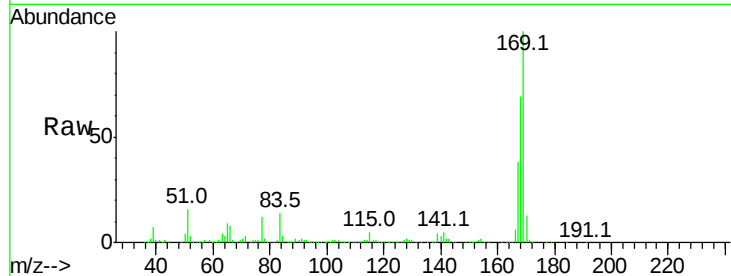
#65
n-Nitrosodiphenylamine
Concen: 46.748 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	700386		
168	68.9		53.2	79.8
167	38.0		29.5	44.3

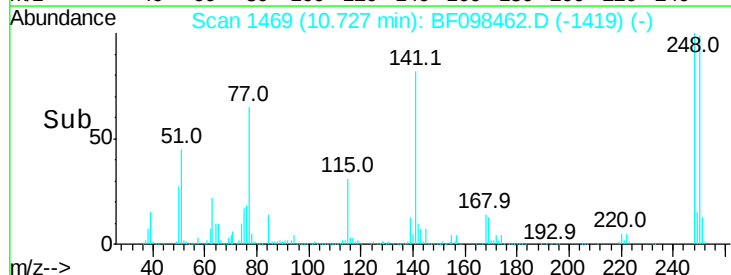
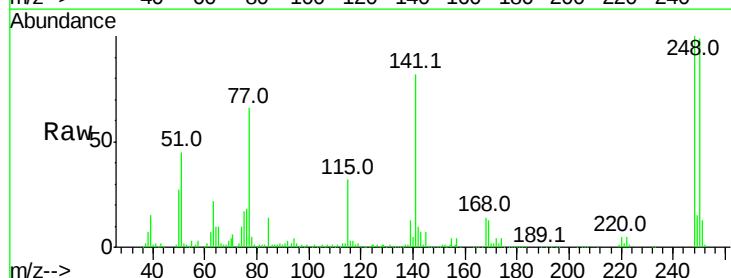
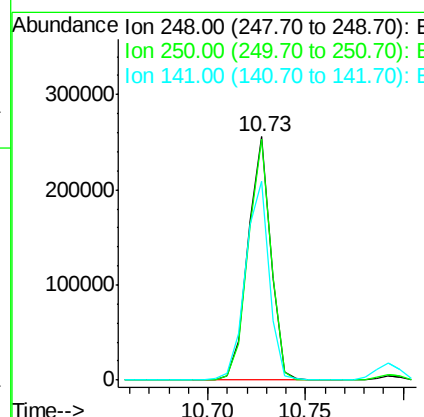
Manual Integrations
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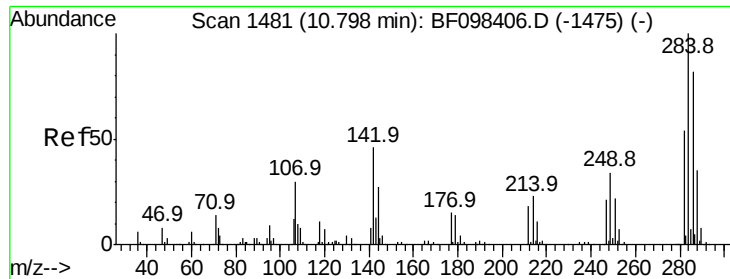
Sohil
9/13/2017 5:00:10 PM



#66
4-Bromophenyl-phenylether
Concen: 47.327 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207252		
250	99.2		76.8	115.2
141	81.6		68.6	103.0





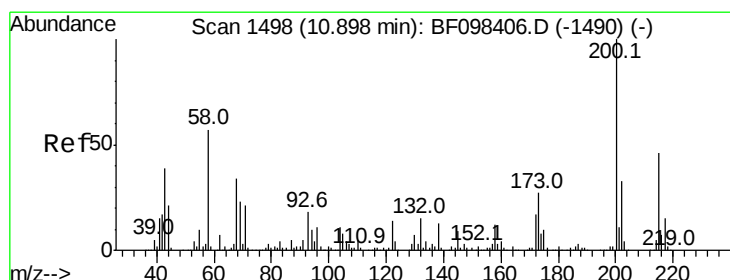
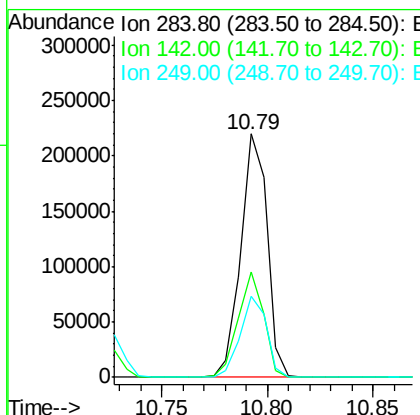
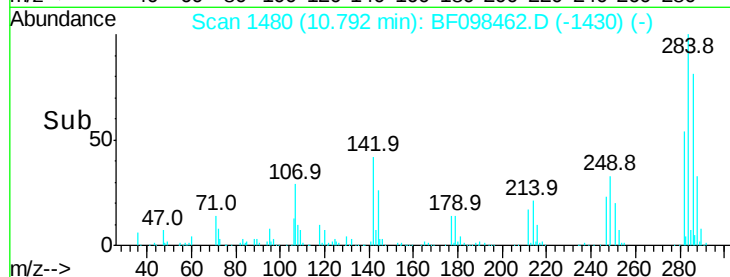
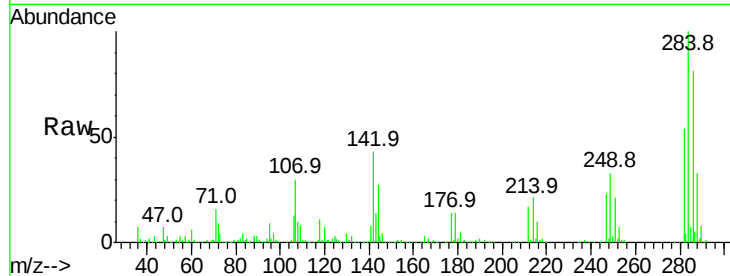
#67
Hexachlorobenzene
Concen: 42.823 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	43.2	22.8	34.2#
249	33.1	24.0	36.0

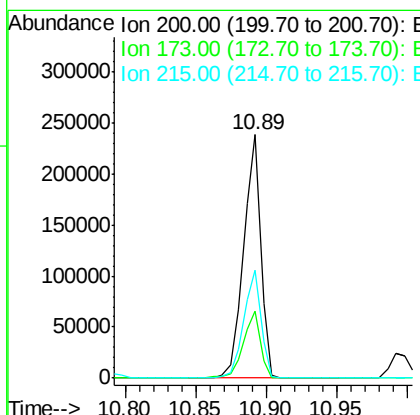
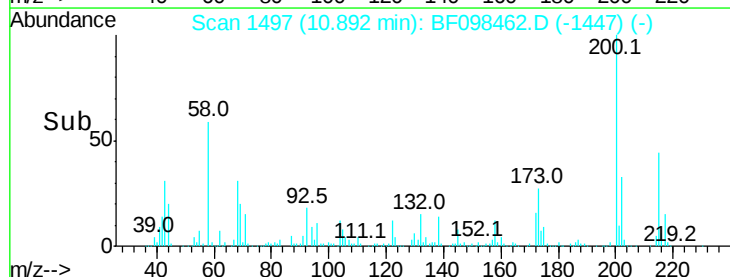
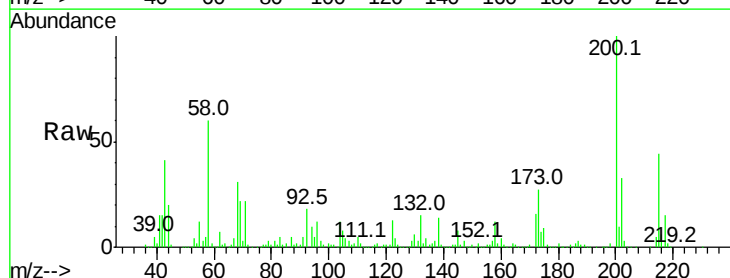
Manual Integrations
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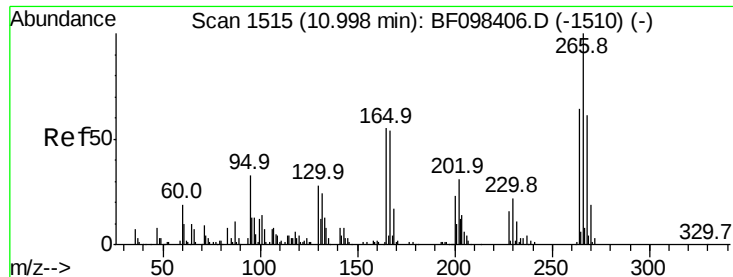
Sohil
9/13/2017 5:00:10 PM



#68
Atrazine
Concen: 43.928 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	6.3	46.3
215	44.3	27.2	67.2





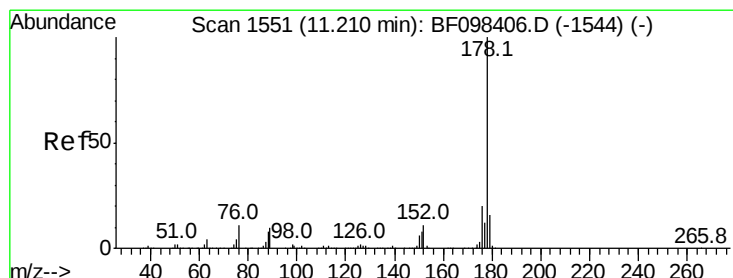
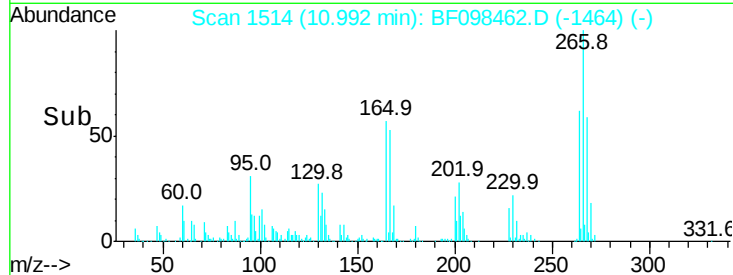
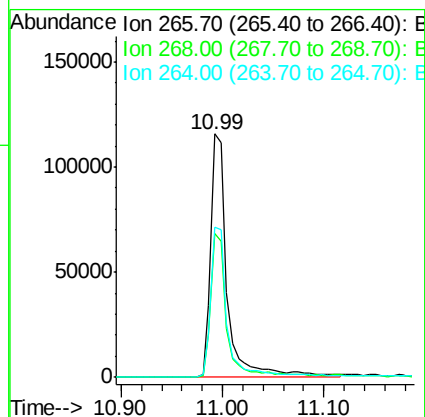
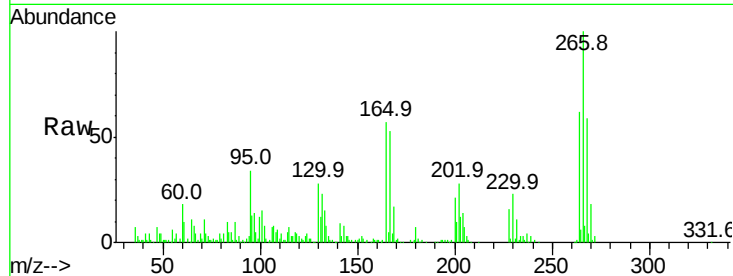
#69
 Pentachlorophenol
 Concen: 68.766 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133116		
268	59.1	51.1	76.7	
264	61.8	51.7	77.5	

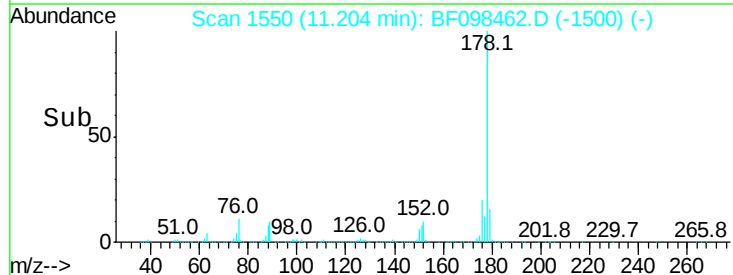
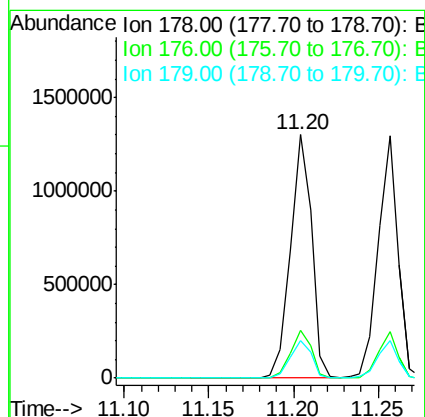
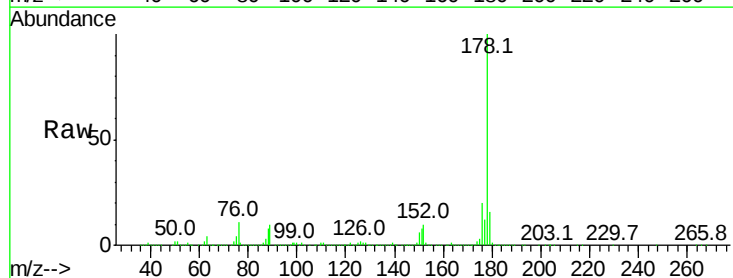
Manual Integrations
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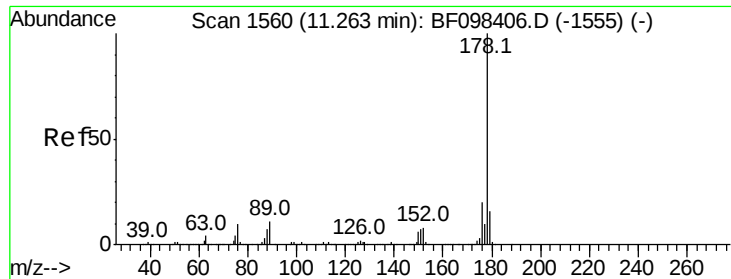
Sohil
 9/13/2017 5:00:10 PM



#70
 Phenanthrene
 Concen: 45.874 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1122092		
176	19.8	16.2	24.4	
179	15.7	12.6	19.0	





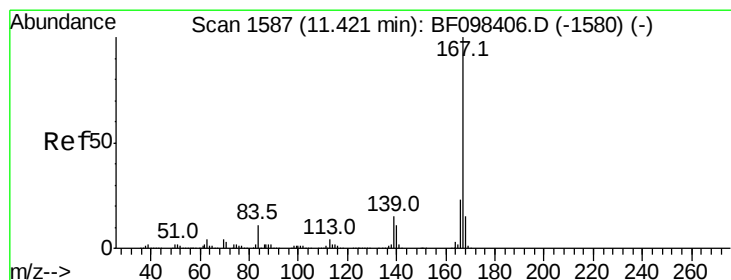
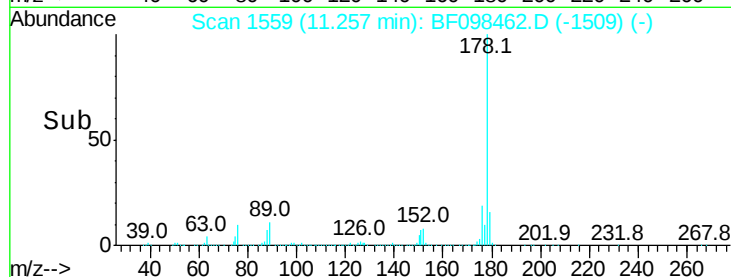
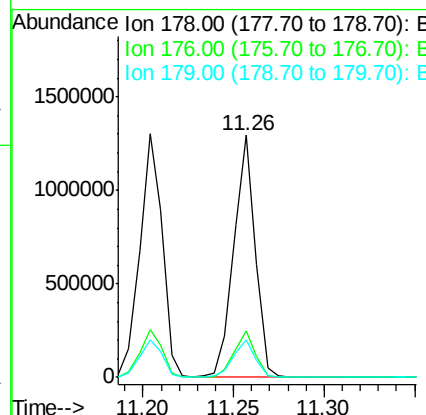
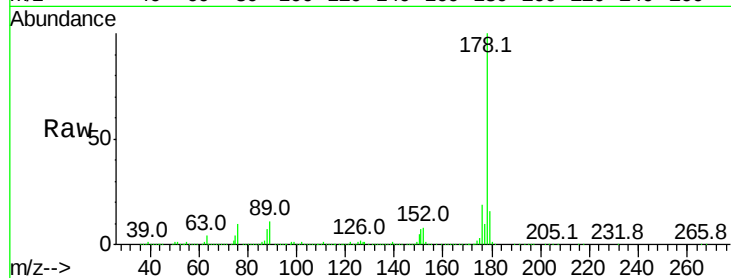
#71
 Anthracene
 Concen: 42.477 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.7	19.1

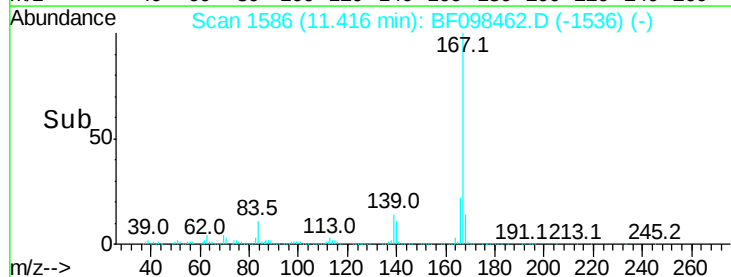
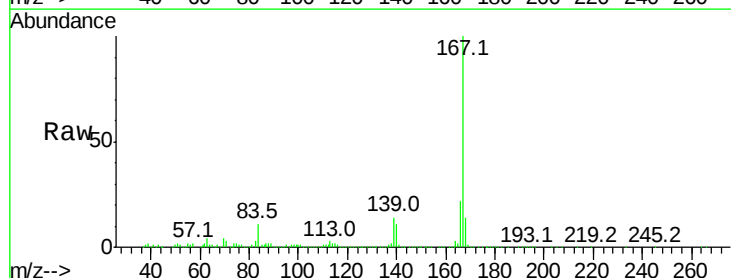
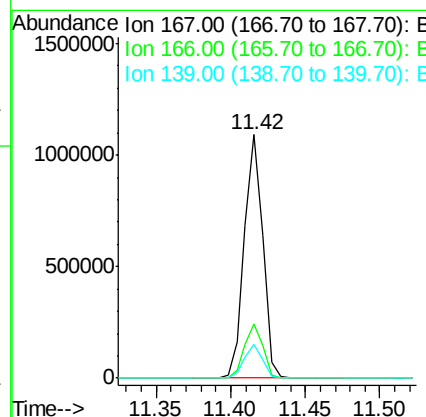
Manual Integrations
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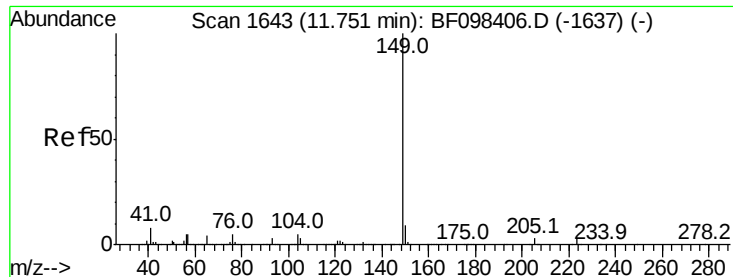
Sohil
 9/13/2017 5:00:10 PM



#72
 Carbazole
 Concen: 40.367 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.670 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

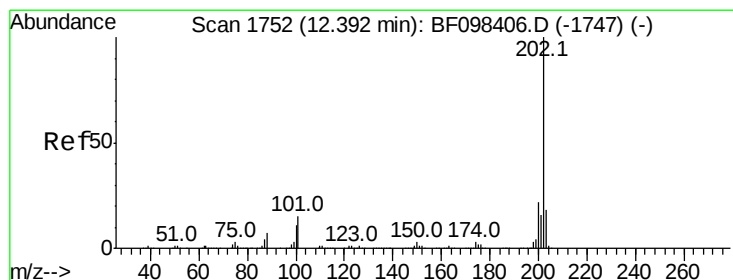
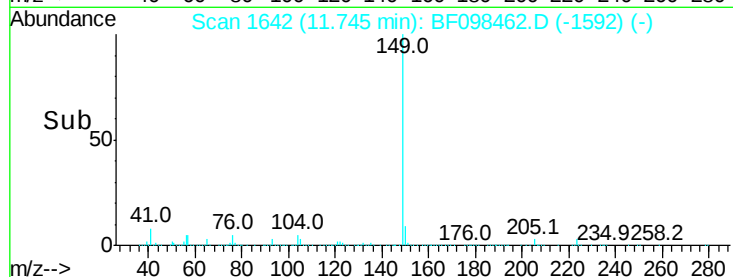
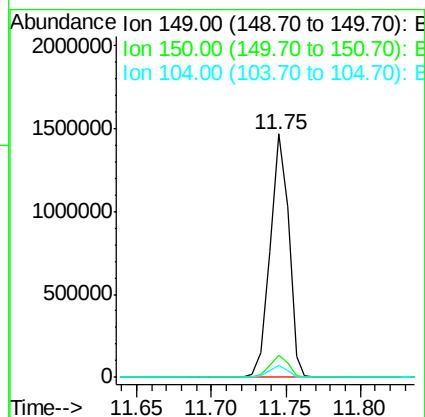
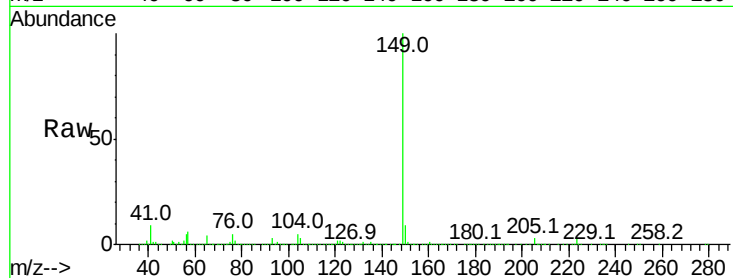
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:	149	Resp:	1252673
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.1	4.0	6.0

Manual Integrations
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Sohil
9/13/2017 5:00:10 PM



#74

Fluoranthene

Concen: 46.238 ng

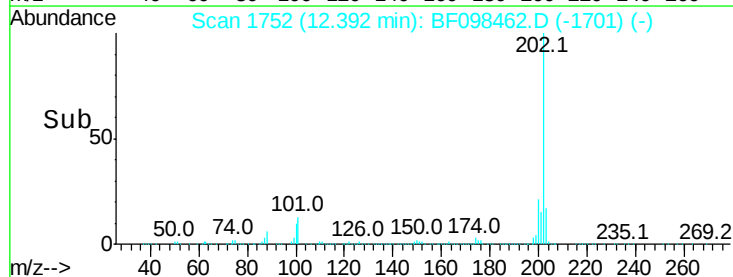
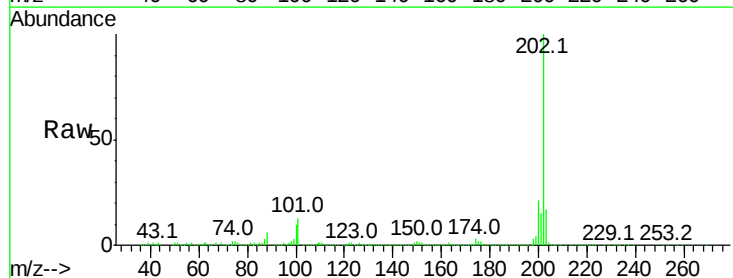
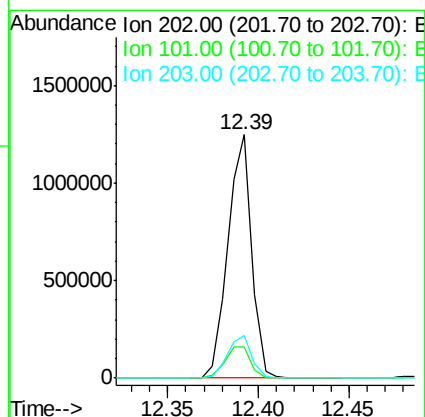
RT: 12.39 min Scan# 1752

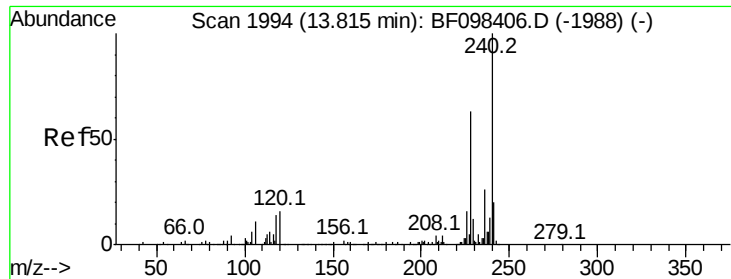
Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:	202	Resp:	1132226
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:240 Resp: 334858

Ion Ratio Lower Upper

240 100

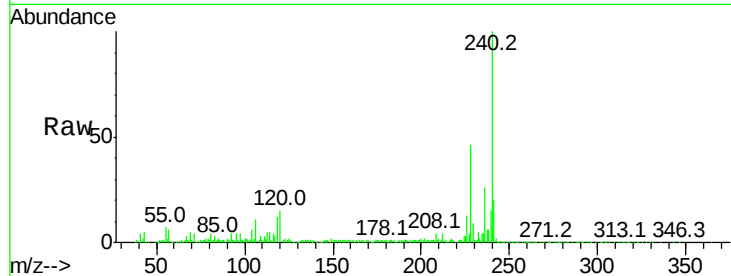
120 14.6 5.8 8.8#

236 25.8 20.5 30.7

Manual Integrations
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Sohil

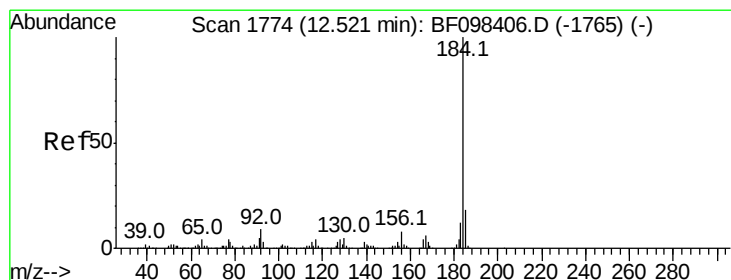
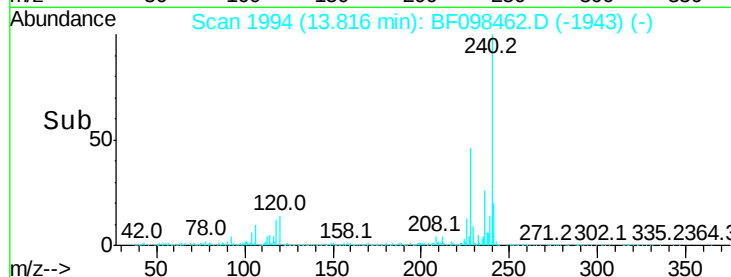
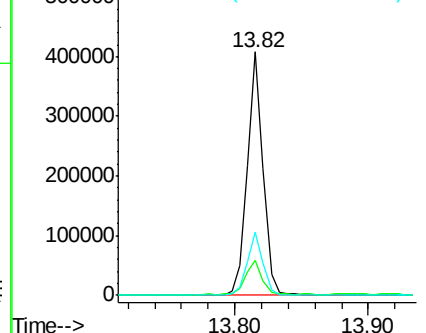
9/13/2017 5:00:10 PM



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: 21.728 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

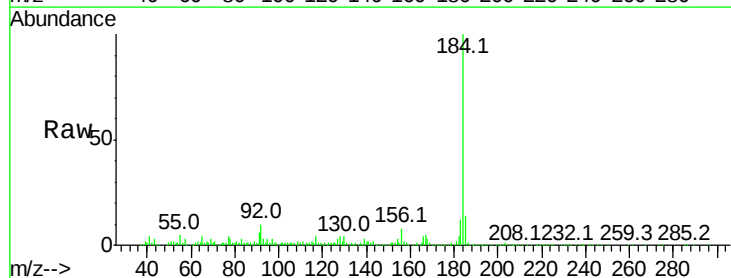
Tgt Ion:184 Resp: 322010

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

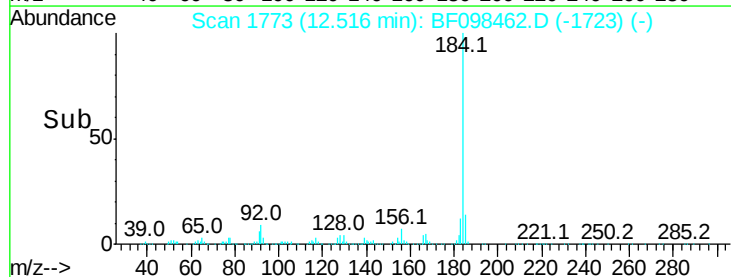
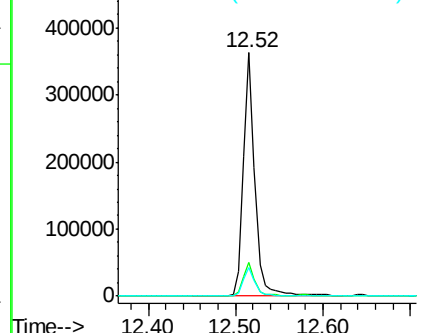
183 11.9 9.8 14.6

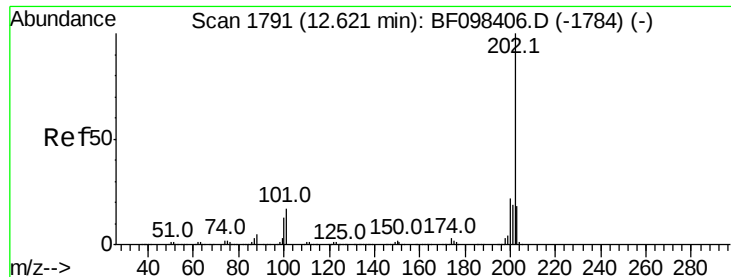


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





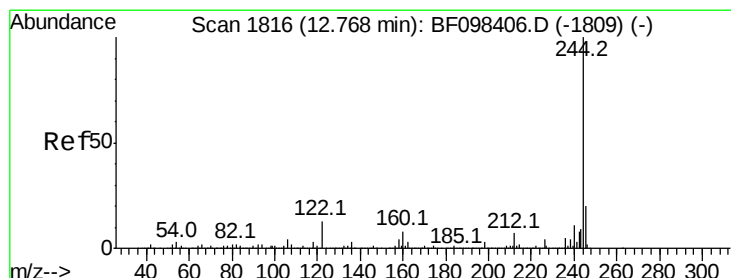
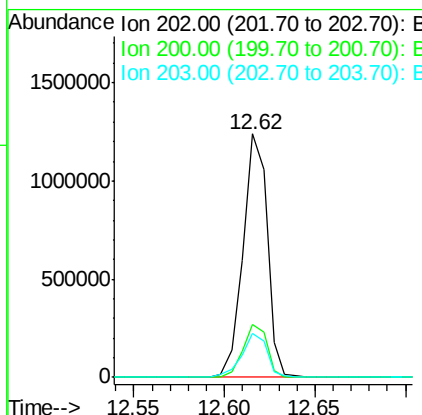
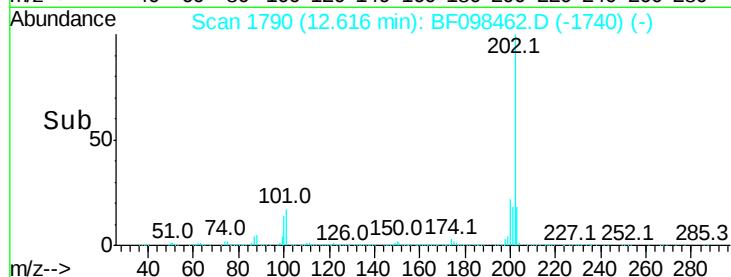
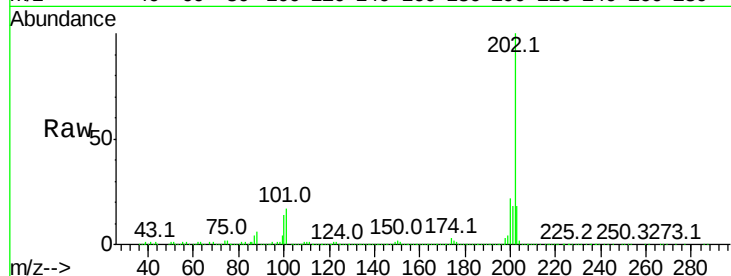
#77
Pvrene
Concen: 43.429 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.0	14.4	21.6

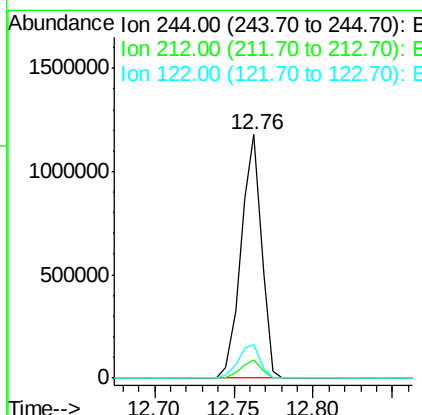
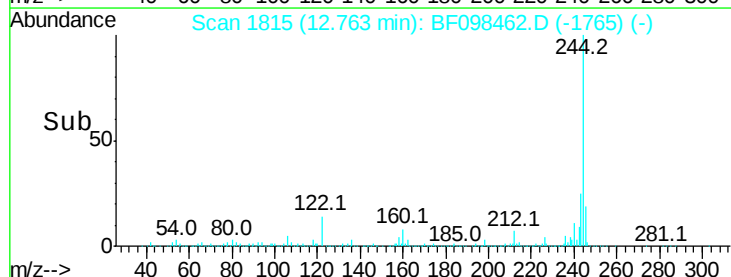
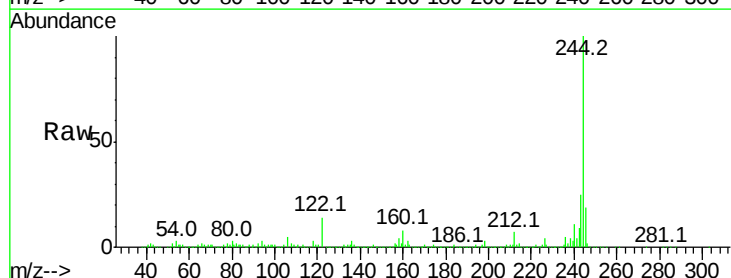
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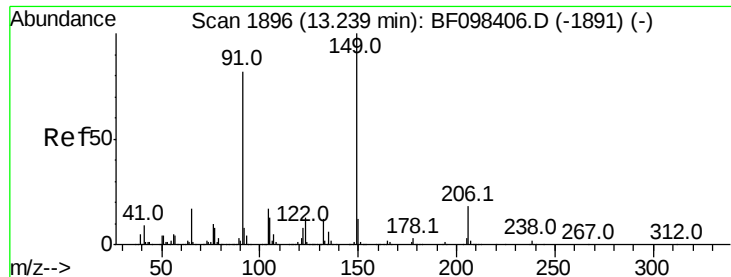
Sohil
9/13/2017 5:00:10 PM



#78
Terphenyl-d14
Concen: 67.531 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5





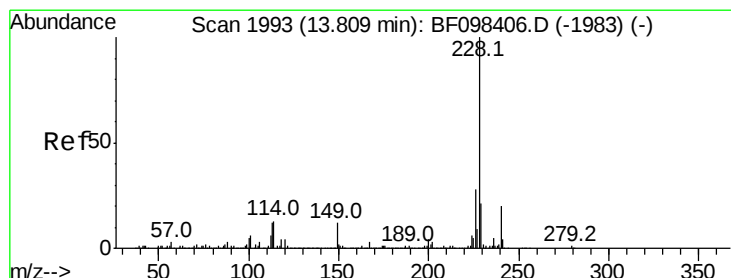
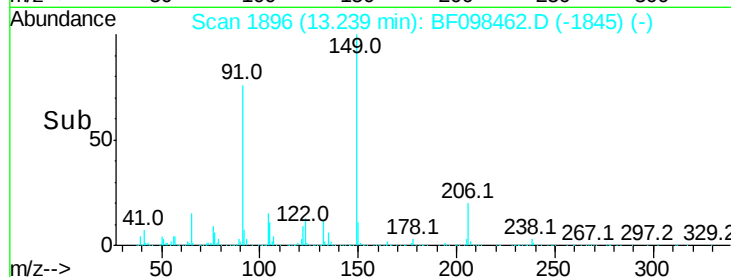
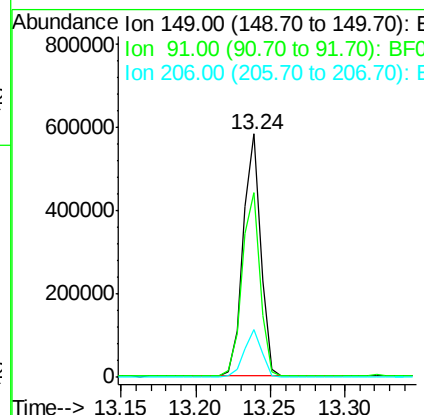
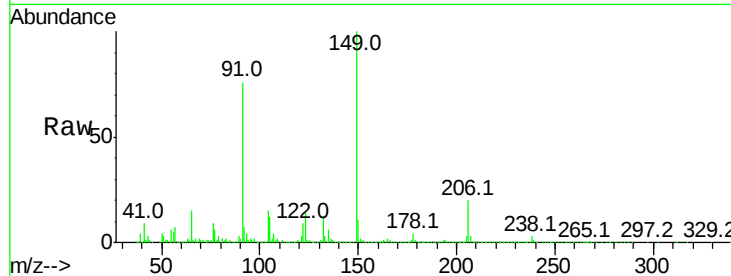
#79
Butylbenzylphthalate
Concen: 41.951 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.9	45.0	67.4#	
206	19.6	17.0	25.6	

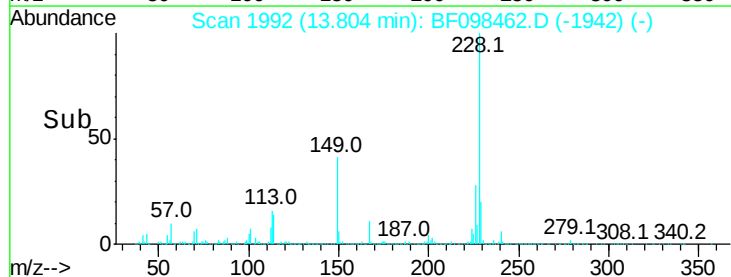
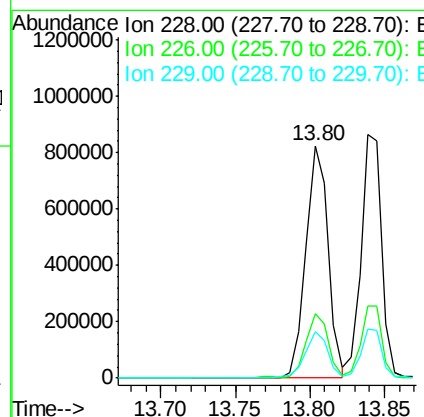
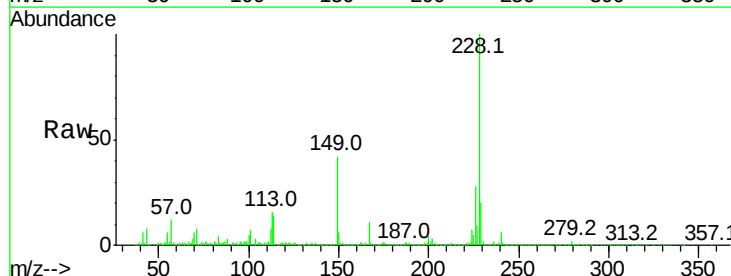
Manual Integrations
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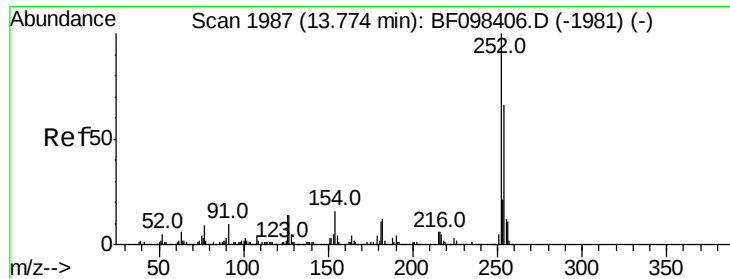
Sohil
9/13/2017 5:00:10 PM



#80
Benzo(a)anthracene
Concen: 43.237 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.6	33.8	
229	20.0	16.3	24.5	





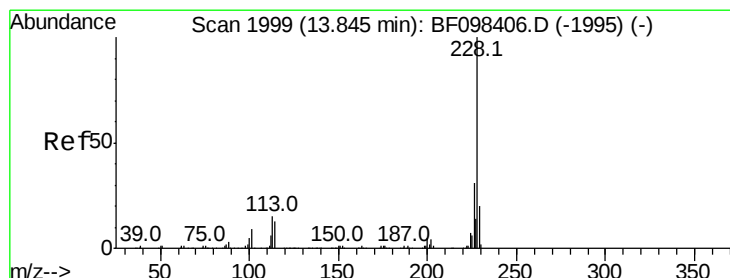
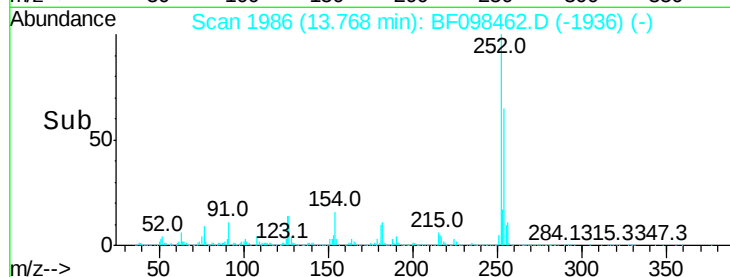
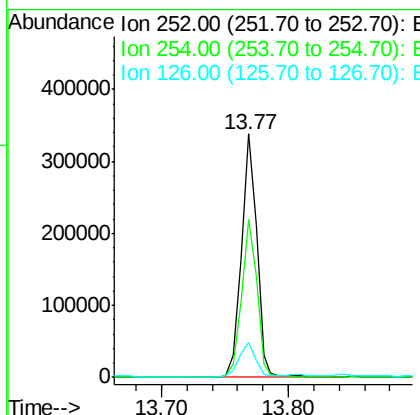
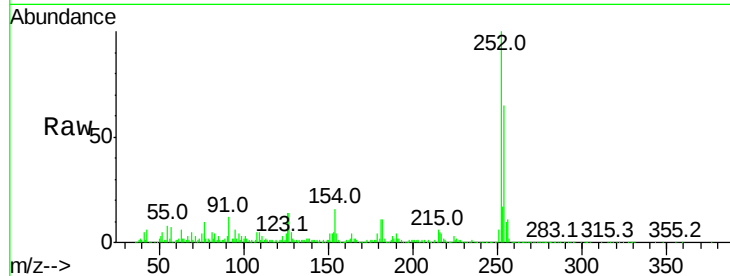
#81
 3,3'-Dichlorobenzidine
 Concen: 36.455 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	278137		
254	64.7	51.5	77.3	
126	14.5	15.8	23.8	

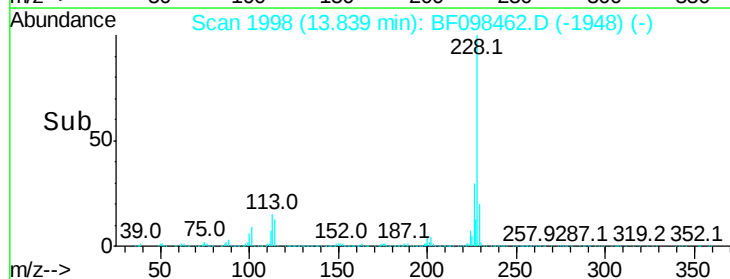
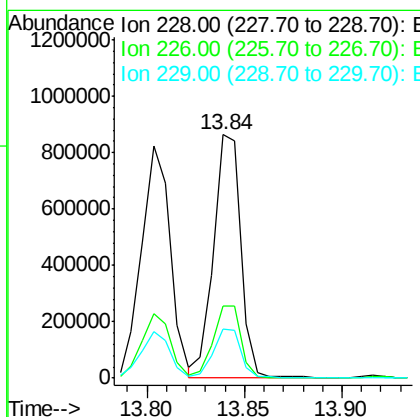
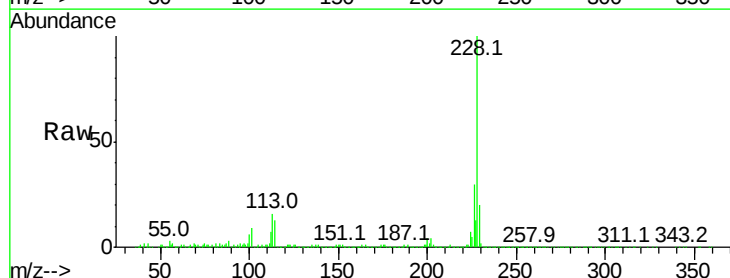
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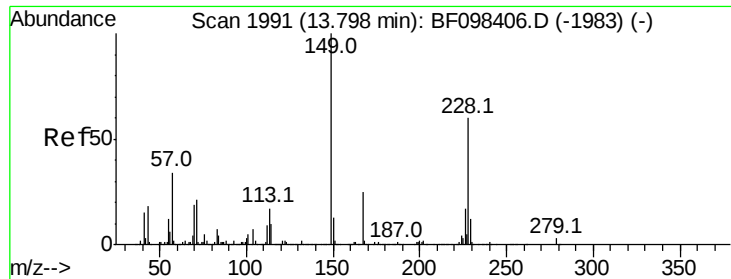
Sohil
 9/13/2017 5:00:10 PM



#82
 Chrysene
 Concen: 41.932 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832134		
226	29.8	24.9	37.3	
229	20.2	15.8	23.6	





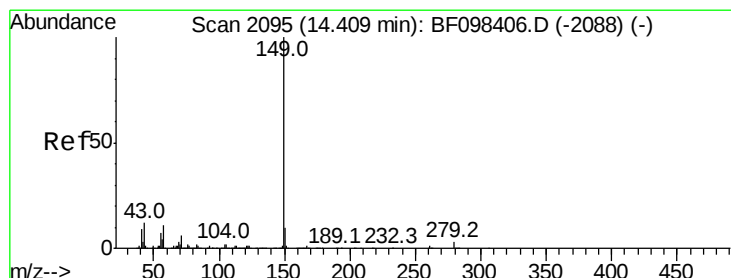
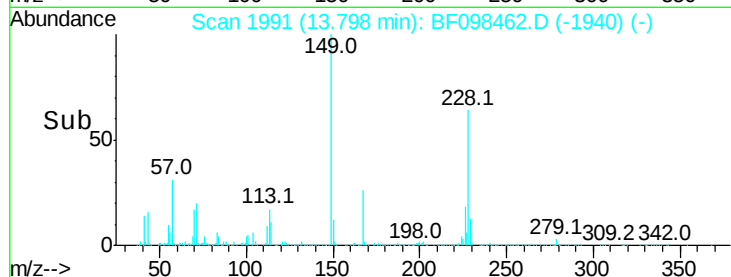
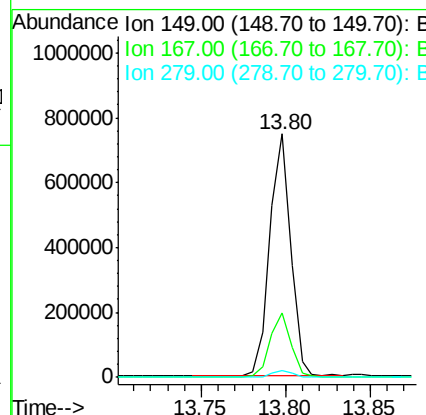
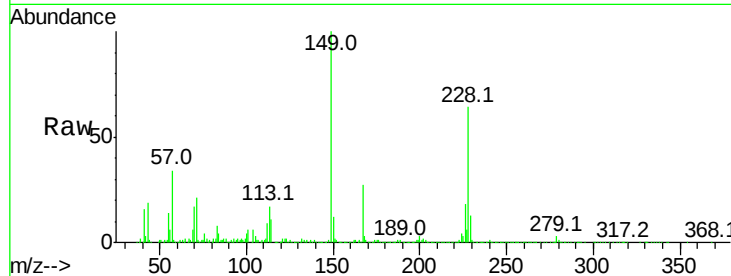
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.800 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.0	1.9	2.9#

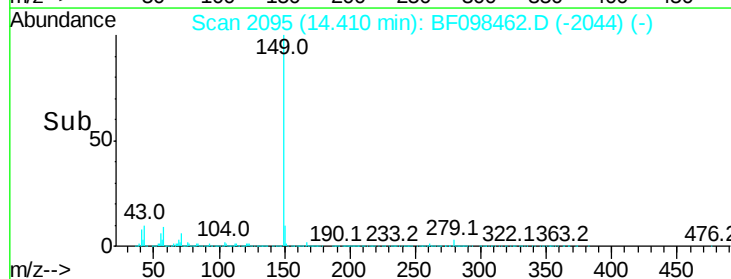
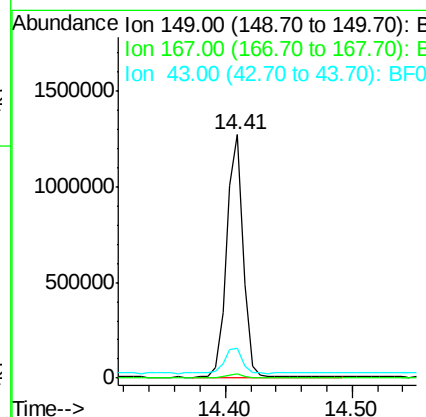
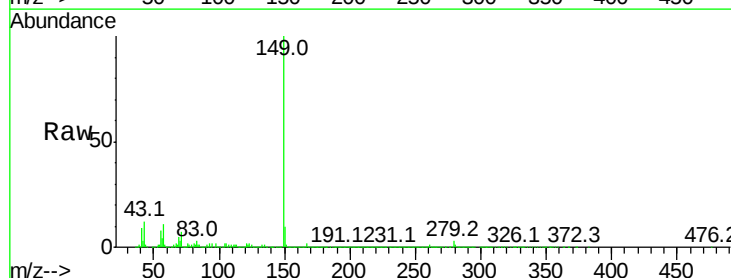
Manual Integrations
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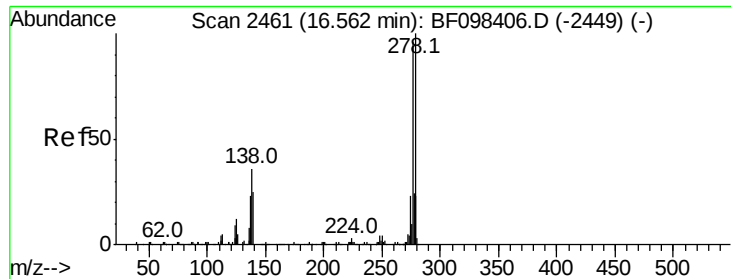
Sohil
 9/13/2017 5:00:10 PM



#84
 Di-n-octyl phthalate
 Concen: 46.600 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.065 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MS

Tot Ion:276 Resp: 529977

Ion Ratio Lower Upper

276 100

138 35.7 27.8 41.6

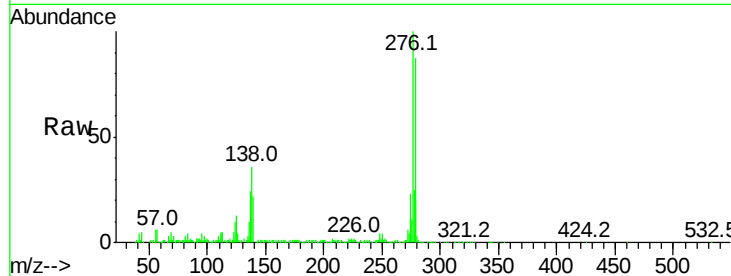
277 24.8 20.2 30.4

Manual Integrations

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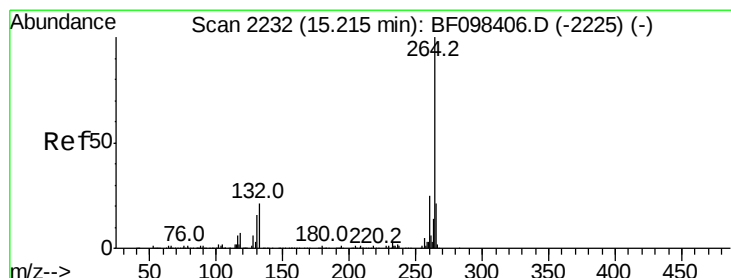
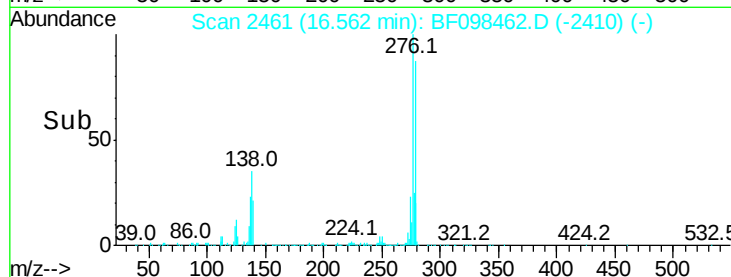
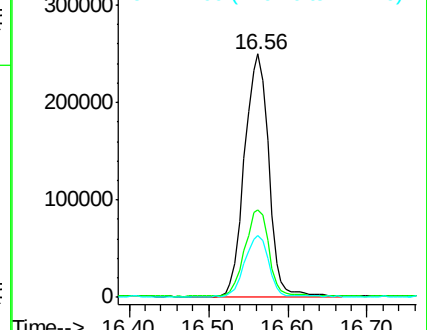
9/13/2017 5:00:10 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

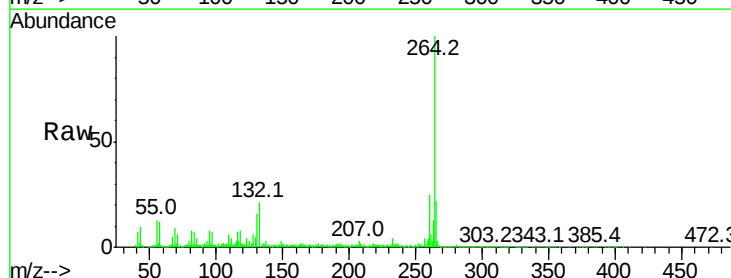
Tgt Ion:264 Resp: 257402

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

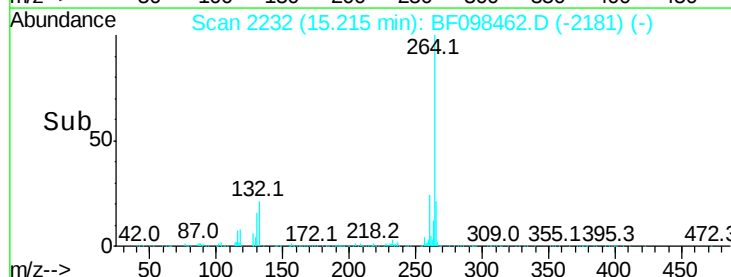
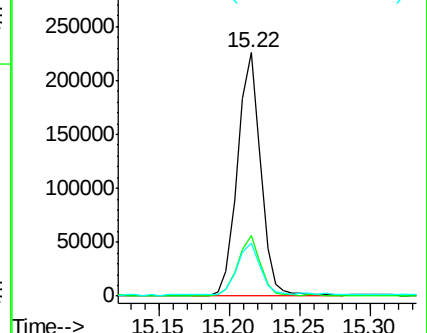
265 21.6 17.2 25.8

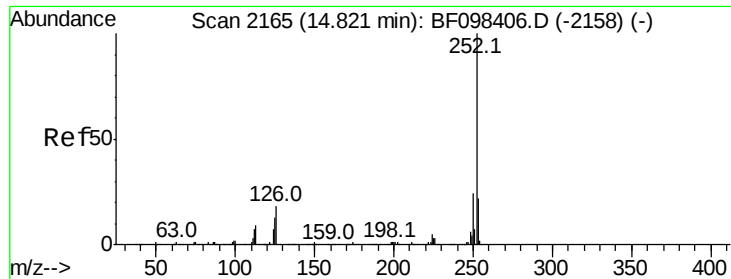


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.344 ng m

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Instrument :

BNA_F

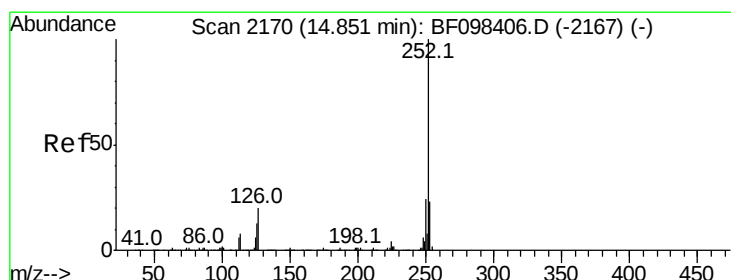
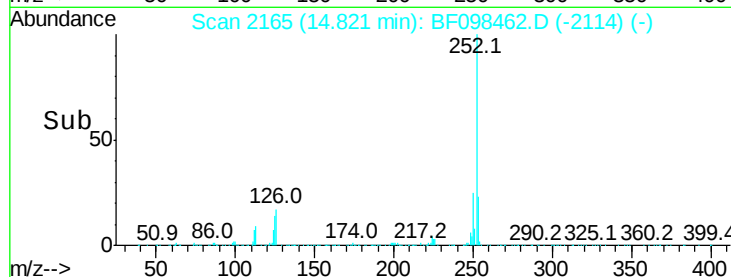
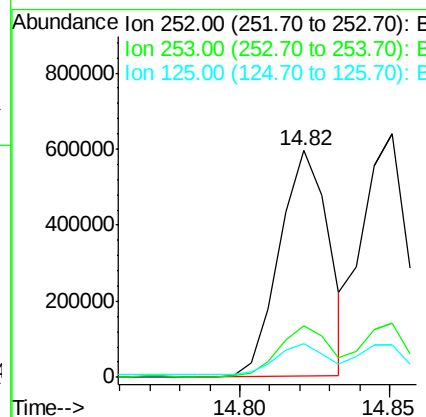
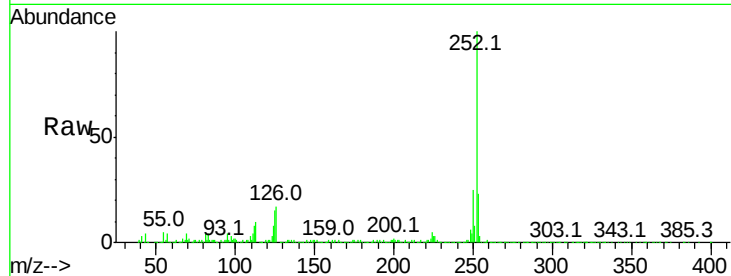
ClientSampleId :

RL-5-0-13.75MS

Tot Ion:252	Resp:	685326
Ion Ratio	Lower	Upper
252 100		
253 23.0	18.1	27.1
125 14.8	9.8	14.8#

Manual Integrations
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9/13/2017 5:00:10 PM



#88

Benzo(k)fluoranthene

Concen: 43.089 ng

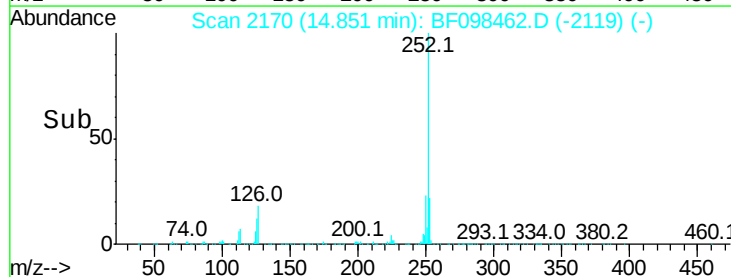
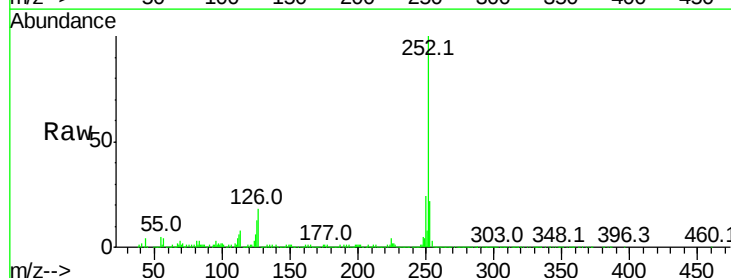
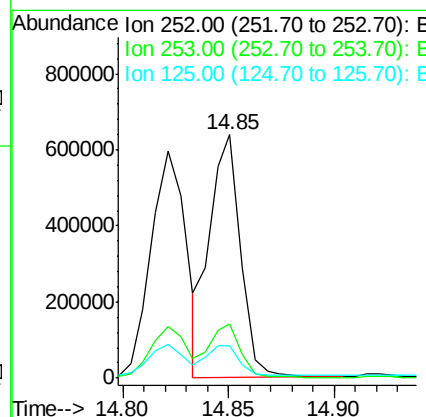
RT: 14.85 min Scan# 2170

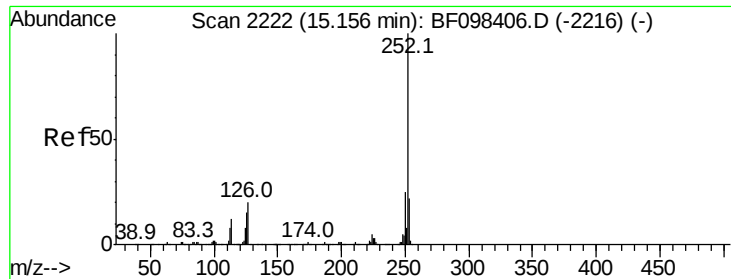
Delta R.T. 0.00 min

Lab File: BF098462.D

Acq: 12 Sep 2017 20:47

Tgt Ion:252	Resp:	651043
Ion Ratio	Lower	Upper
252 100		
253 22.4	18.4	27.6
125 13.4	13.1	19.7





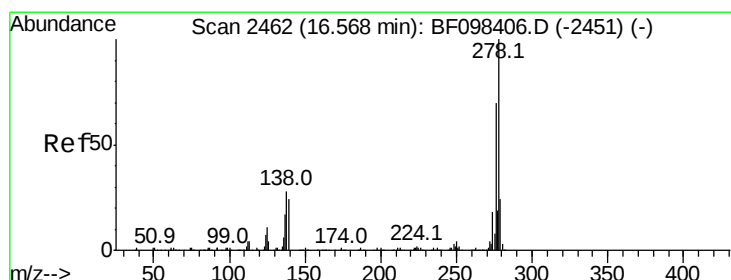
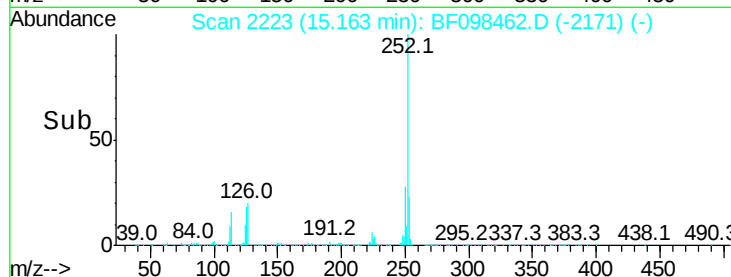
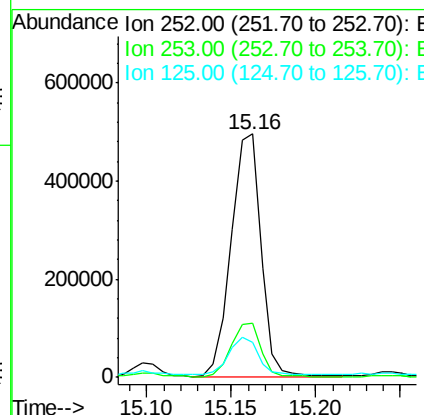
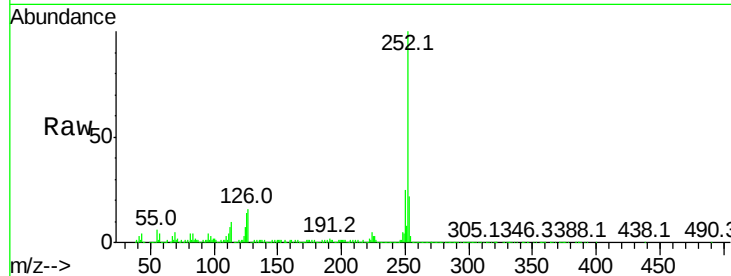
#89
Benzo(a)pyrene
Concen: 42.201 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
RL-5-0-13.75MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.5	11.0	16.4

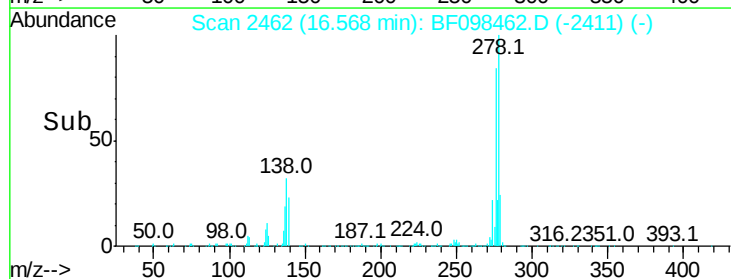
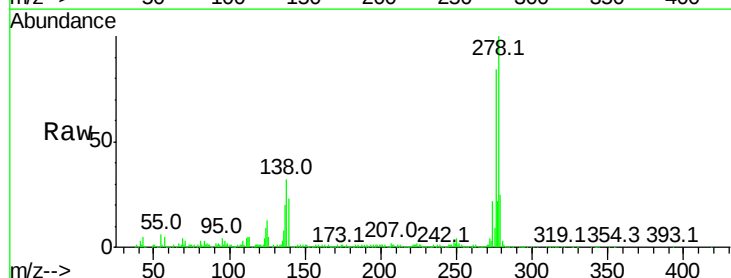
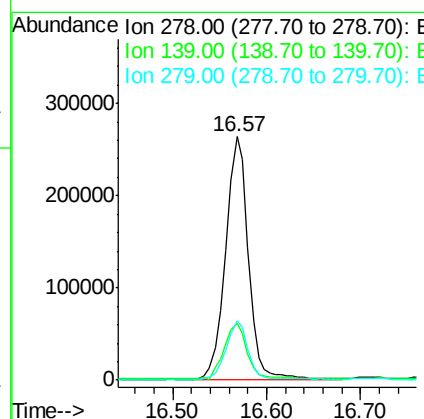
Manual Integrations
APPROVED

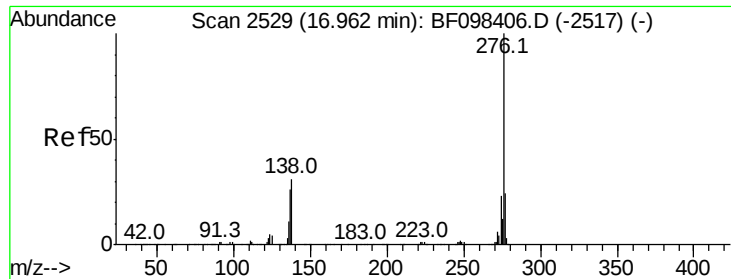
Sohil
9/13/2017 5:00:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.372 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF098462.D
Acq: 12 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.4	16.6	24.8
279	24.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.367 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098462.D
 Acq: 12 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-0-13.75MS

Tot Ion:	276	Resp:	425866
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.6	28.0
138	30.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:10 PM

