

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098538.D
 Acq On : 14 Sep 2017 19:59
 Operator : SJ/JU
 Sample : I5161-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:43:51 PM

Quant Time: Sep 15 10:38:51 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	6.65	152	136781	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	583044	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	262437	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	454969	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	288821	20.00	ng	-0.01
86) Perylene-d12	15.20	264	328429	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1128886	122.03	ng	0.00
7) Phenol-d6	6.32	99	1402424	119.40	ng	0.00
23) Nitrobenzene-d5	7.22	82	827008	79.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	244996	139.87	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1304963	84.28	ng	-0.02
78) Terphenyl-d14	12.75	244	935601	69.92	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	134165	28.098	ng	87
3) Pyridine	2.97	79	326687	25.763	ng	# 83
4) n-Nitrosodimethylamine	2.93	42	201356	32.390	ng	98
8) 2-Chlorophenol	6.45	128	407674	40.075	ng	98
9) Benzaldehyde	6.20	77	239132	31.144	ng	96
10) Phenol	6.33	94	539313	39.530	ng	96
11) bis(2-Chloroethyl)ether	6.39	93	550298	53.498	ng	98
12) 1,3-Dichlorobenzene	6.59	146	387074	37.803	ng	97
13) 1,4-Dichlorobenzene	6.66	146	393800m	37.548	ng	
14) 1,2-Dichlorobenzene	6.82	146	366986	38.407	ng	99
15) Benzyl Alcohol	6.81	79	343709	43.968	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	582770	34.433	ng	# 30
17) 2-Methylphenol	6.93	107	333431	40.196	ng	# 85
18) Hexachloroethane	7.16	117	139718	34.785	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	302845	40.990	ng	99
20) 3+4-Methylphenols	7.09	107	539627	51.549	ng	# 63
22) Acetophenone	7.06	105	598823	39.738	ng	# 90
24) Nitrobenzene	7.24	77	434351	36.461	ng	97
25) Isophorone	7.48	82	781063	36.913	ng	98
26) 2-Nitrophenol	7.56	139	219028	45.538	ng	# 87
27) 2,4-Dimethylphenol	7.60	122	332454	36.259	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	504492	39.073	ng	99
29) 2,4-Dichlorophenol	7.81	162	344089	45.122	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	345479	41.648	ng	99
31) Naphthalene	7.96	128	1221758	42.388	ng	100
32) Benzoic acid	7.75	122	149582	28.251	ng	97
33) 4-Chloroaniline	8.03	127	262325	22.394	ng	98
34) Hexachlorobutadiene	8.07	225	169051	39.698	ng	99
35) Caprolactam	8.39	113	115300m	43.847	ng	
36) 4-Chloro-3-methylphenol	8.52	107	380141	40.196	ng	87
37) 2-Methylnaphthalene	8.65	142	761271	43.603	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	316309	38.693	ng	99
40) Hexachlorocyclopentadiene	8.79	237	64128	33.327	ng	99
42) 2,4,6-Trichlorophenol	8.93	196	221995	46.233	ng	91

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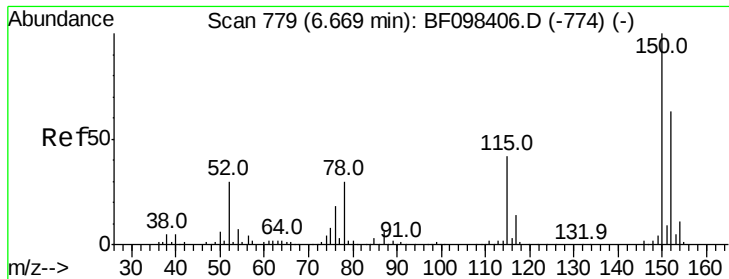
Manual Integrations
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Quant Time: Sep 15 10:38:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	229377	45.703	nq	96
45) 1,1'-Biphenyl	9.11	154	888307	37.817	nq	97
46) 2-Chloronaphthalene	9.13	162	674360	40.199	nq	# 92
47) 2-Nitroaniline	9.24	65	252382	39.197	nq	95
48) Acenaphthylene	9.55	152	1004230	40.261	nq	99
49) Dimethylphthalate	9.42	163	1064629	52.407	nq	100
50) 2,6-Dinitrotoluene	9.49	165	184972	44.327	nq	# 88
51) Acenaphthene	9.72	154	660972	41.688	nq	98
52) 3-Nitroaniline	9.65	138	138474	27.490	nq	97
53) 2,4-Dinitrophenol	9.77	184	60960	36.136	nq	# 81
54) Dibenzofuran	9.89	168	899456	43.061	nq	100
55) 4-Nitrophenol	9.84	139	233817	80.793	nq	# 53
56) 2,4-Dinitrotoluene	9.89	165	228365	45.014	nq	# 63
57) Fluorene	10.23	166	746287	43.166	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	167967	49.799	nq	95
59) Diethylphthalate	10.12	149	790800	40.932	nq	97
60) 4-Chlorophenyl-phenylether	10.23	204	329423	41.252	nq	# 86
61) 4-Nitroaniline	10.27	138	171842	33.780	nq	89
62) Azobenzene	10.39	77	747216	35.885	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	67382	26.613	nq	# 70
65) n-Nitrosodiphenylamine	10.34	169	636898	43.112	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	193615	44.838	nq	96
67) Hexachlorobenzene	10.78	284	184142	42.042	nq	# 87
68) Atrazine	10.88	200	201720	44.353	nq	97
69) Pentachlorophenol	10.98	266	169130	86.605	nq	97
70) Phenanthrene	11.20	178	1753540	72.703	nq	99
71) Anthracene	11.24	178	1135565	45.857	nq	99
72) Carbazole	11.40	167	922031	39.952	nq	100
73) Di-n-butylphthalate	11.73	149	1082306	39.141	nq	100
74) Fluoranthene	12.39	202	1937664	80.251	nq	99
77) Pyrene	12.61	202	1759369	77.219	nq	99
79) Butylbenzylphthalate	13.22	149	390199	39.477	nq	# 77
80) Benzo(a)anthracene	13.80	228	1150458	67.942	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	132812	20.182	nq	# 97
82) Chrysene	13.83	228	1119931	65.430	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	582622	46.966	nq	# 100
84) Di-n-octyl phthalate	14.40	149	970284	45.588	nq	100
85) Indeno(1,2,3-cd)pyrene	16.56	276	923342	76.889	nq	94
87) Benzo(b)fluoranthene	14.82	252	1268554	61.429	nq	98
88) Benzo(k)fluoranthene	14.84	252	894315m	46.389	nq	
89) Benzo(a)pyrene	15.16	252	1114134	60.559	nq	98
90) Dibenzo(a,h)anthracene	16.56	278	614563	45.921	nq	99
91) Benzo(g,h,i)perylene	16.96	276	761090	56.541	nq	95

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



#1

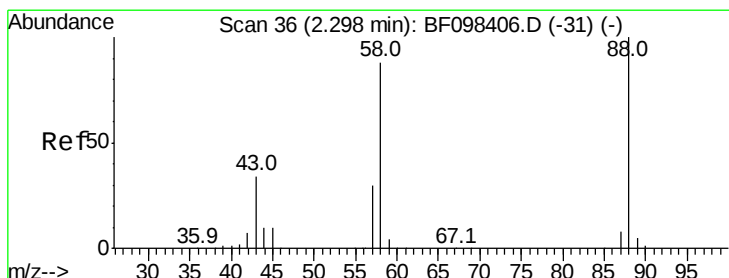
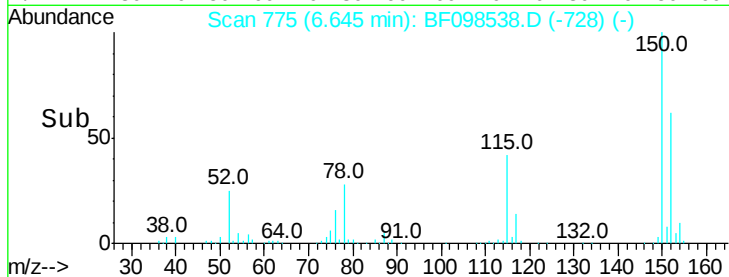
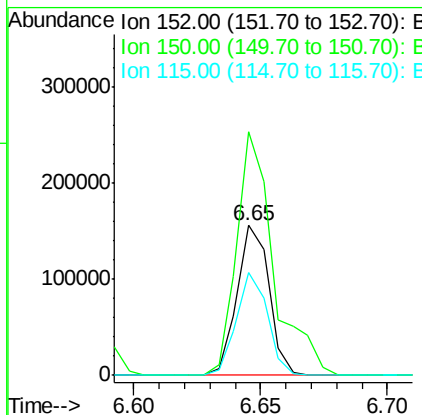
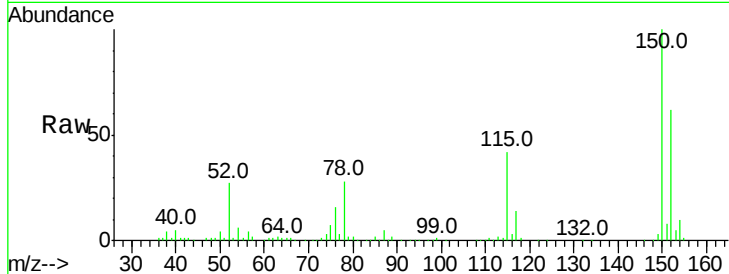
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	126.2	189.2
115	68.9	52.2	78.2

Manual Integrations
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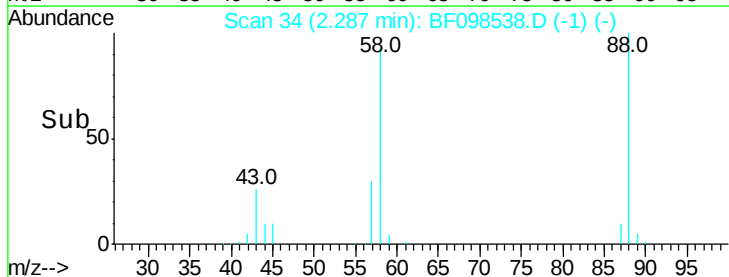
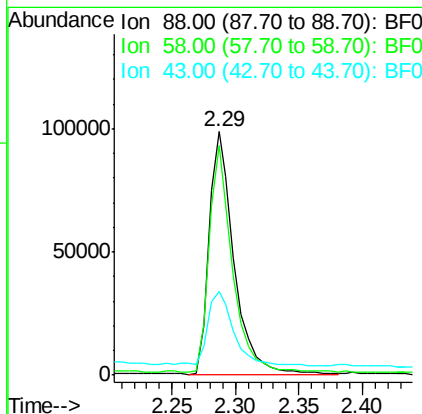
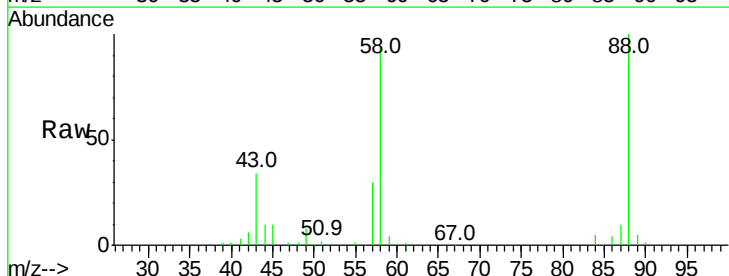
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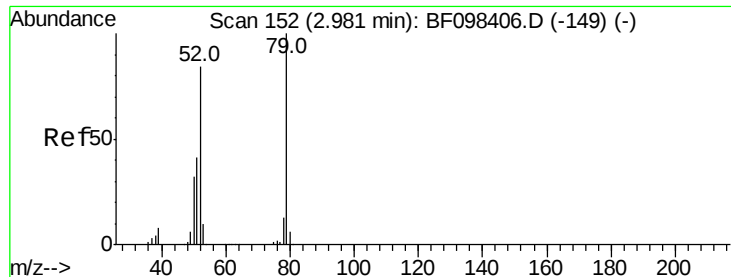


#2

1,4-Dioxane
Concen: 28.098 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	61.4	92.0
43	33.6	23.4	35.0





#3

Pvridine

Concen: 25.763 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

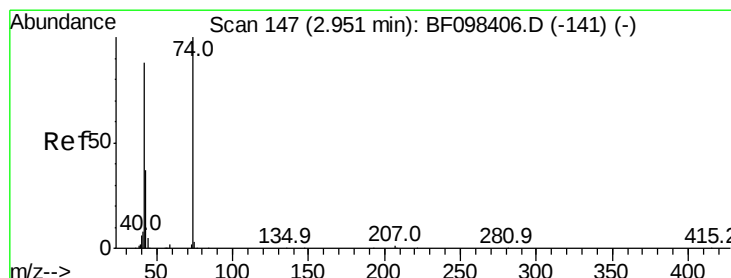
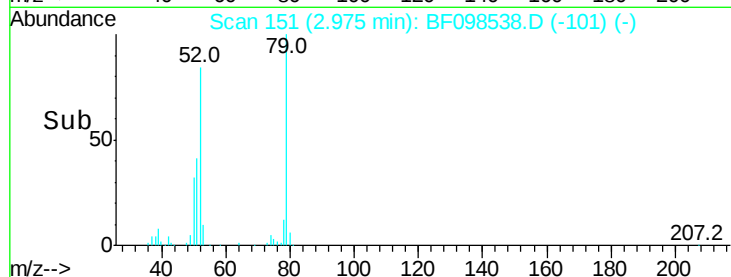
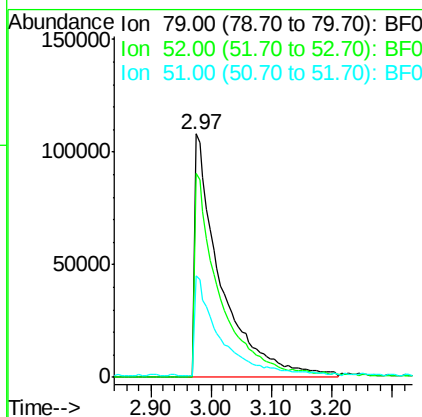
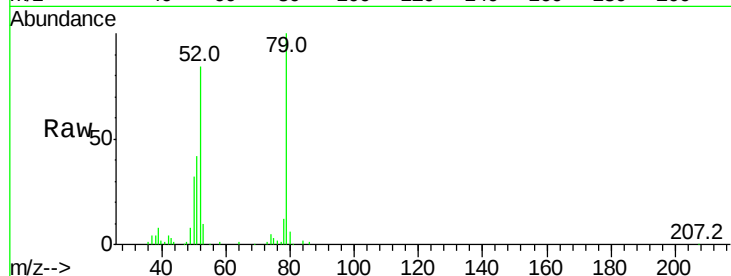
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	79	Resp:	32687
Ion Ratio	Lower	Upper	
79	100		
52	83.7	54.8	82.2#
51	41.5	27.0	40.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.390 ng

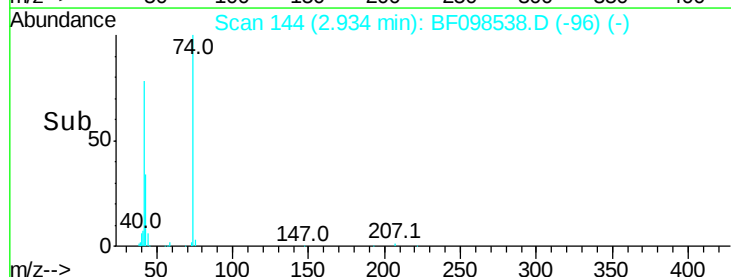
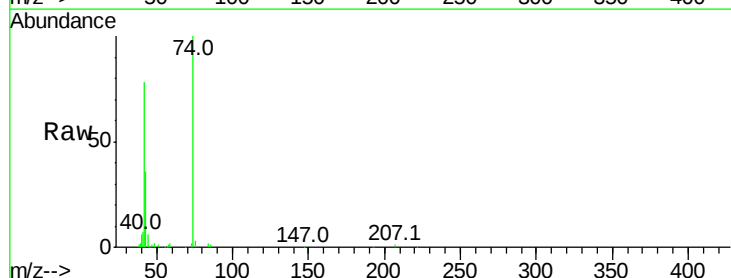
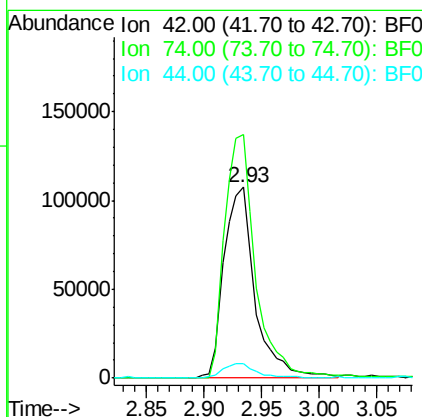
RT: 2.93 min Scan# 144

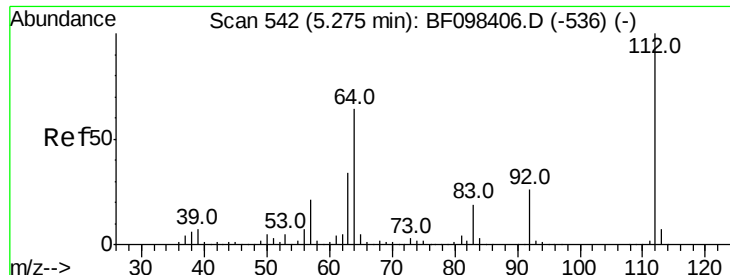
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	42	Resp:	201356
Ion Ratio	Lower	Upper	
42	100		
74	127.8	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 122.026 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:112 Resp: 1128886

Ion Ratio Lower Upper

112 100

64 61.9 46.0 69.0

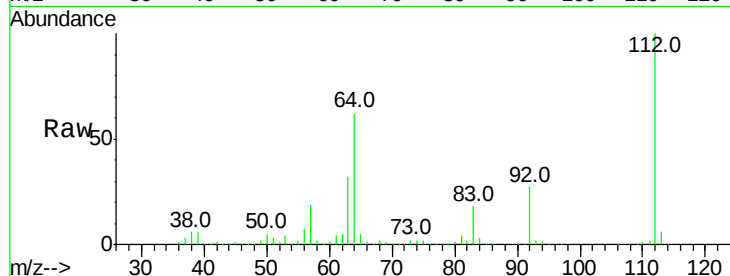
63 32.3 23.4 35.0

Manual Integrations

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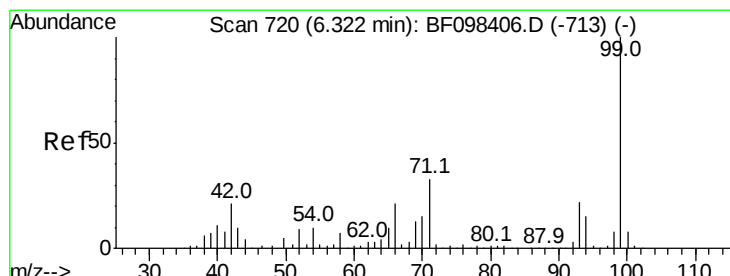
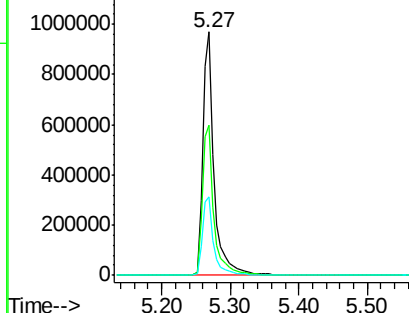
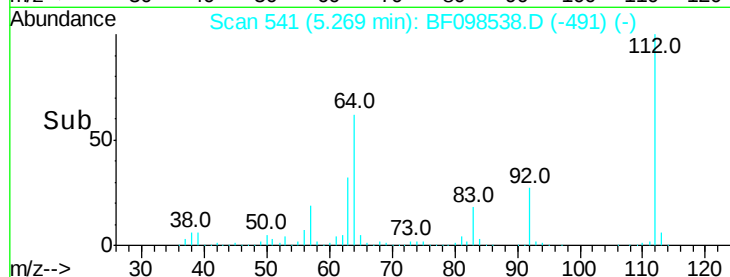
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 119.397 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

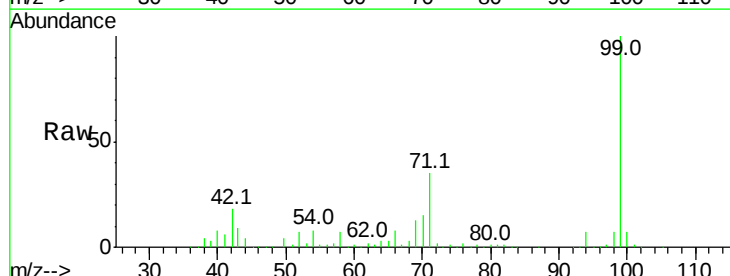
Tgt Ion: 99 Resp: 1402424

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

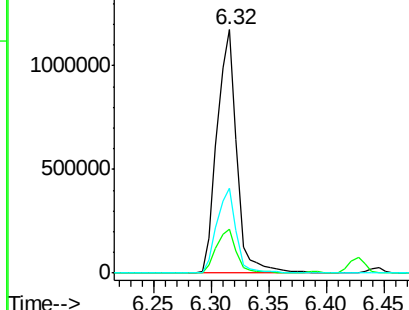
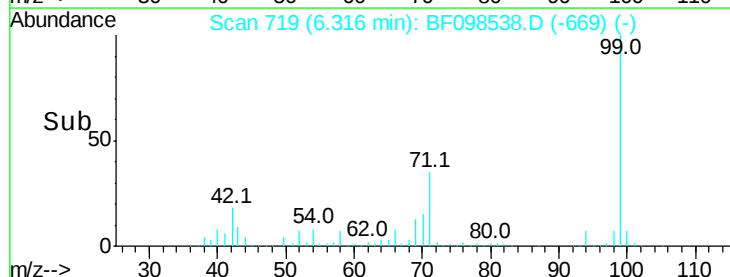
71 34.7 24.5 36.7

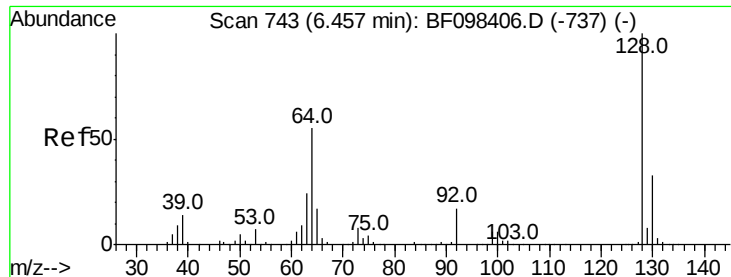


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 40.075 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

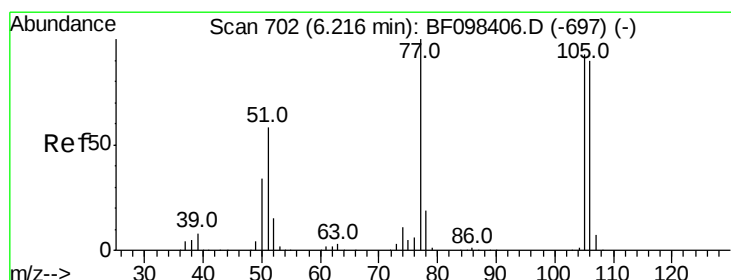
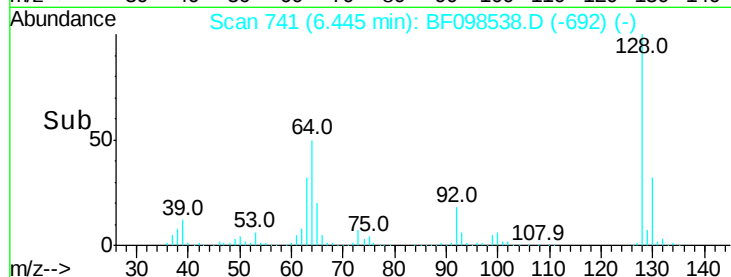
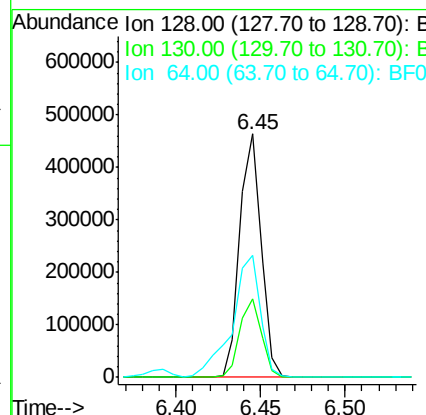
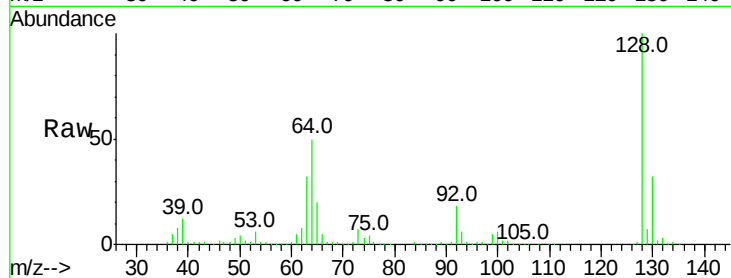
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	128	Resp:	407674
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	50.2	28.4	68.4

Manual Integrations
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#9

Benzaldehyde

Concen: 31.144 ng

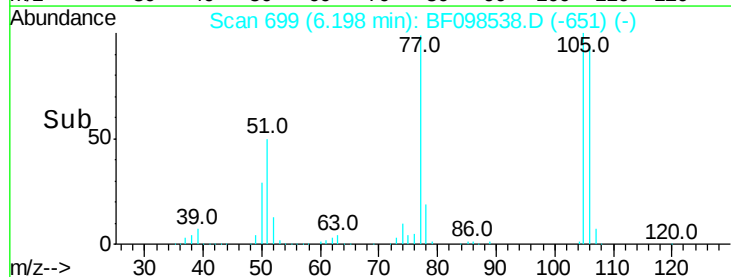
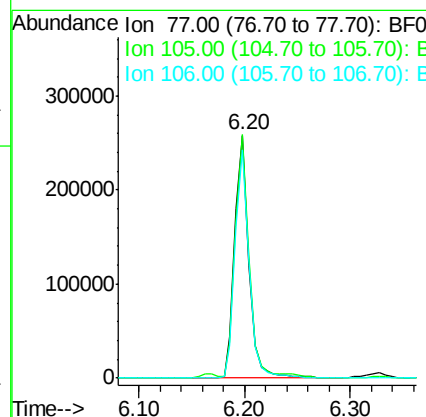
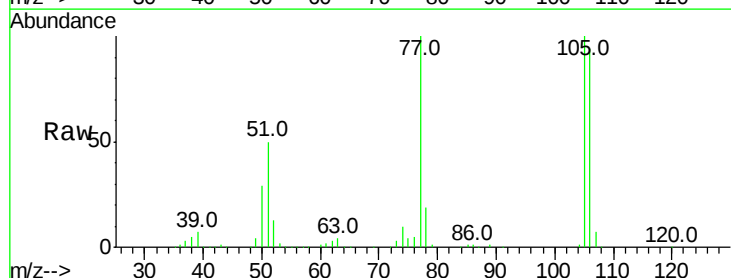
RT: 6.20 min Scan# 699

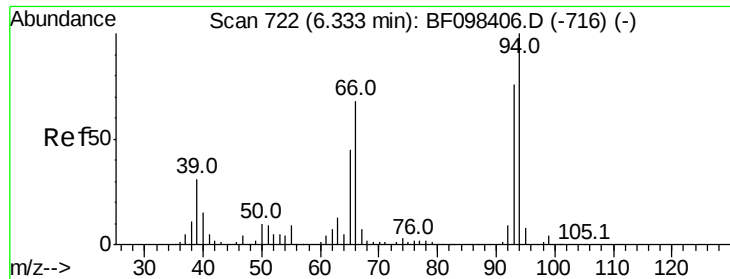
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	77	Resp:	239132
Ion Ratio	Lower	Upper	
77	100		
105	100.4	83.8	123.8
106	94.1	79.1	119.1





#10

Phenol

Concen: 39.530 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

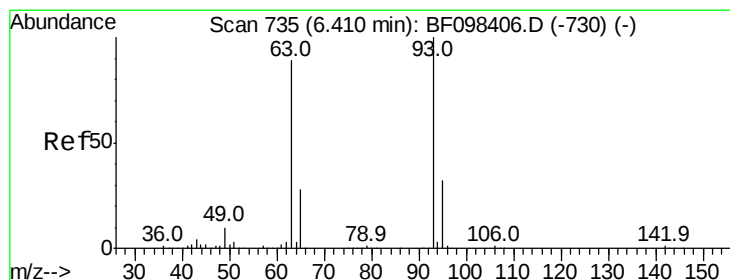
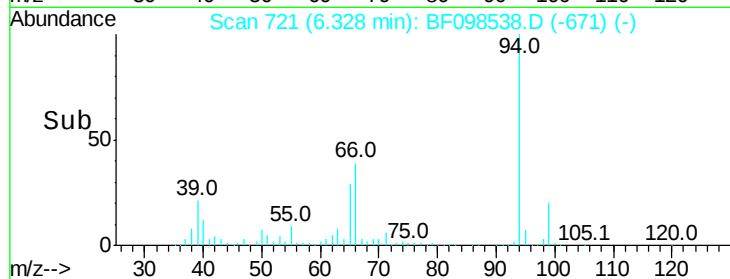
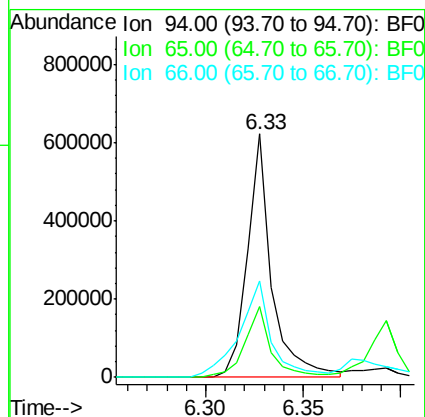
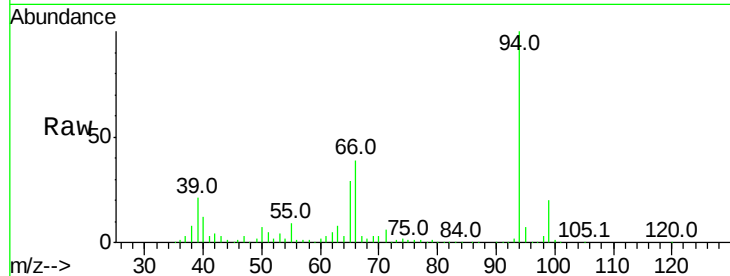
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	94	Resp:	539313
Ion Ratio	Lower	Upper	
94	100		
65	28.8	9.9	49.9
66	39.5	23.1	63.1

Manual Integrations
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9/15/2017 5:43:51 PM



#11

bis(2-Chloroethyl)ether

Concen: 53.498 ng

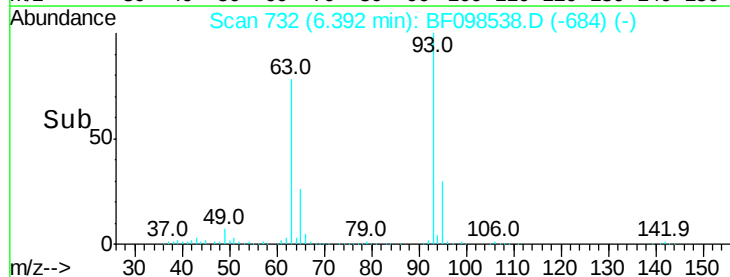
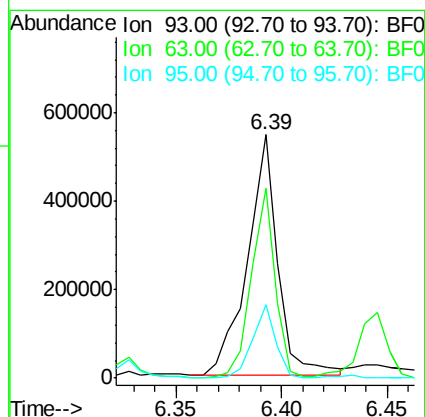
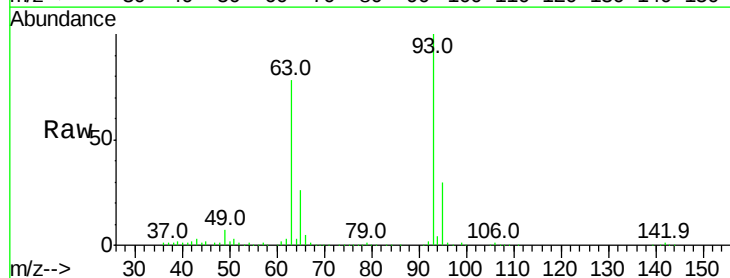
RT: 6.39 min Scan# 732

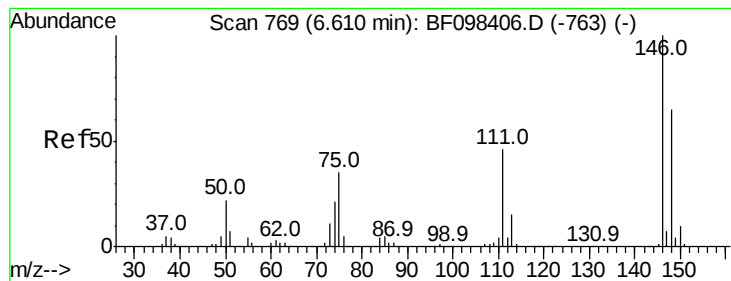
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	93	Resp:	550298
Ion Ratio	Lower	Upper	
93	100		
63	78.0	59.2	99.2
95	29.9	12.8	52.8





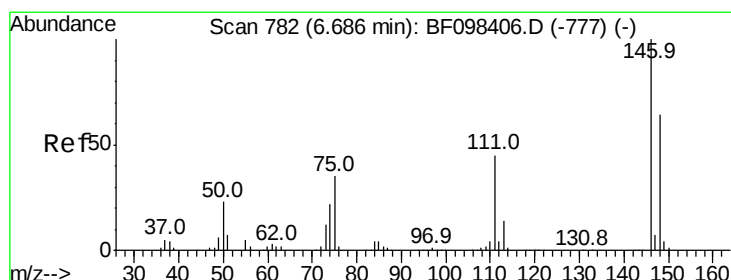
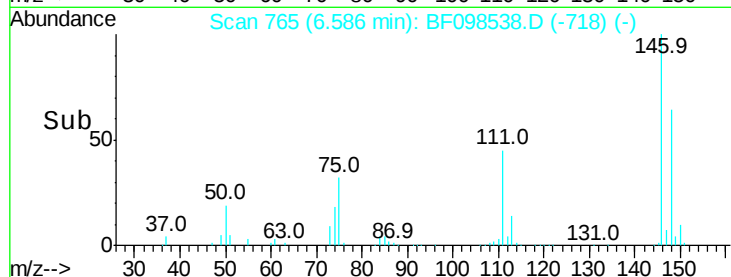
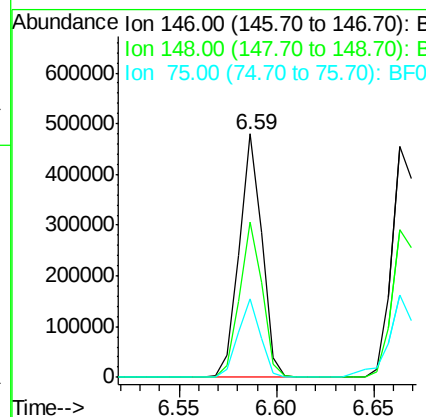
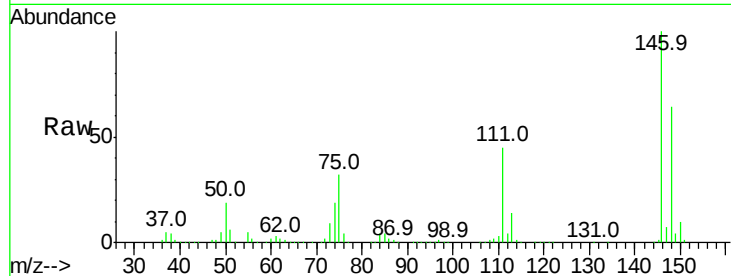
#12
 1,3-Dichlorobenzene
 Concen: 37.803 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	32.2	23.1	34.7

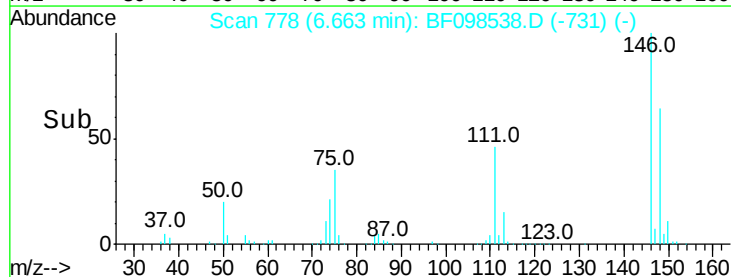
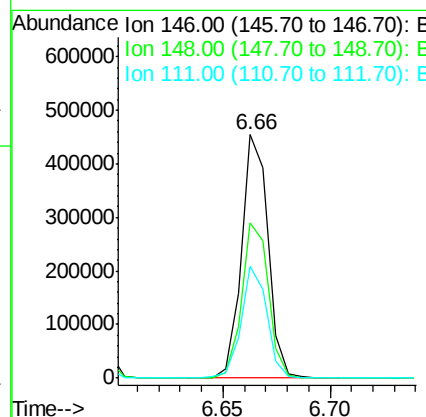
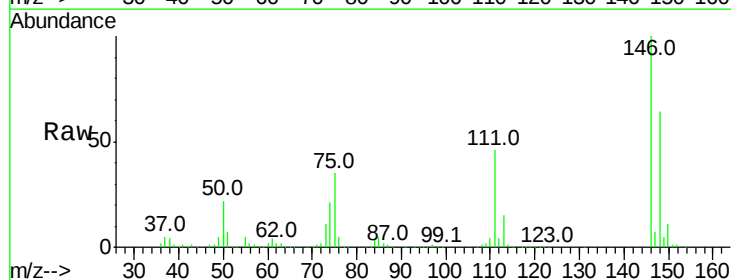
Manual Integrations
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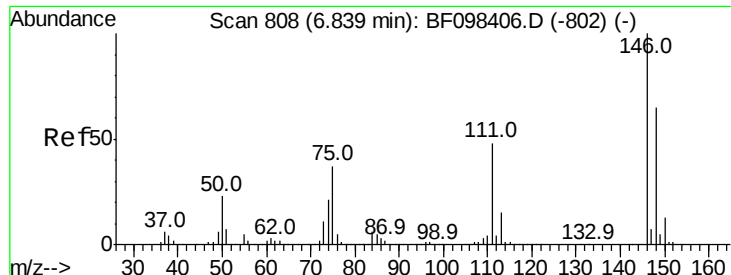
Sohil
 9/15/2017 5:43:51 PM



#13
 1,4-Dichlorobenzene
 Concen: 37.548 ng m
 RT: 6.66 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	46.0	30.3	45.5#





#14

1,2-Dichlorobenzene

Concen: 38.407 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

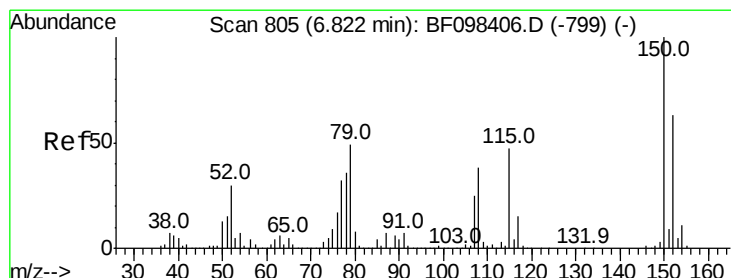
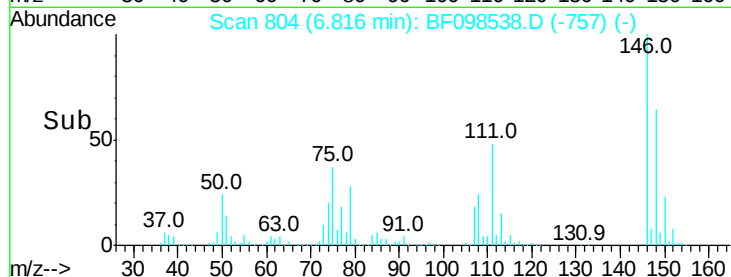
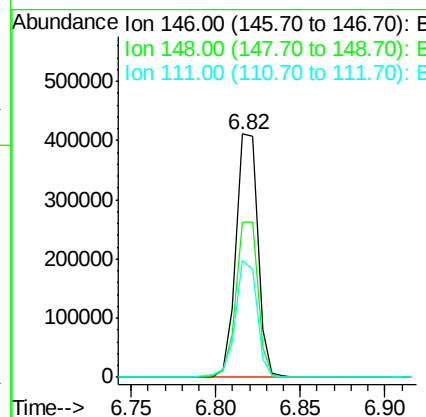
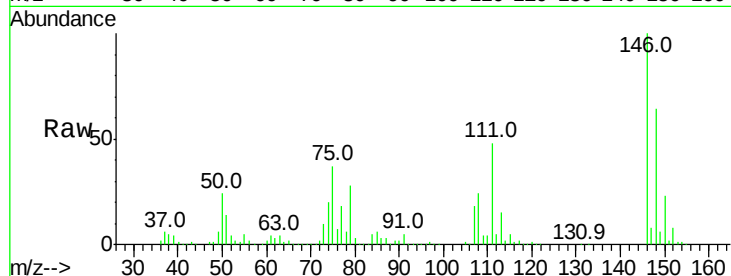
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	146	Resp:	366986
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
111	48.0	38.2	57.4

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#15

Benzyl Alcohol

Concen: 43.968 ng

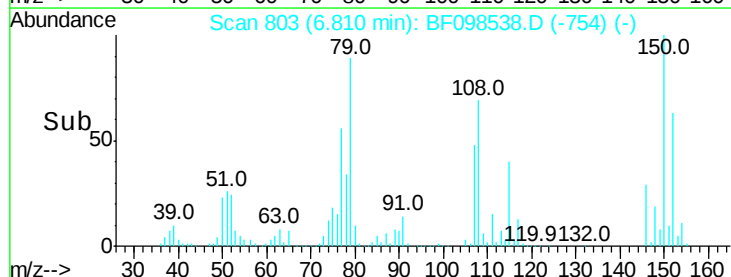
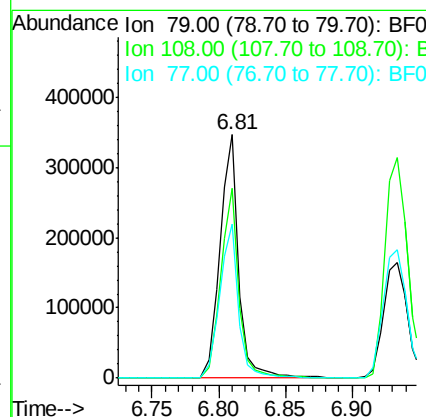
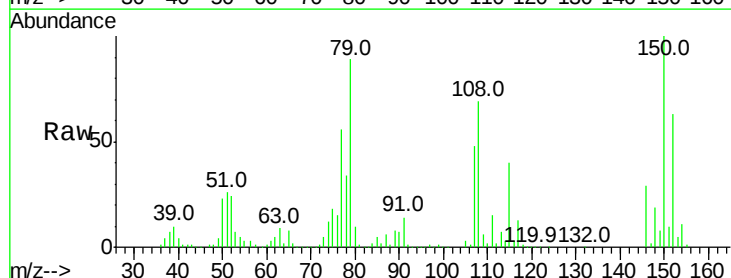
RT: 6.81 min Scan# 803

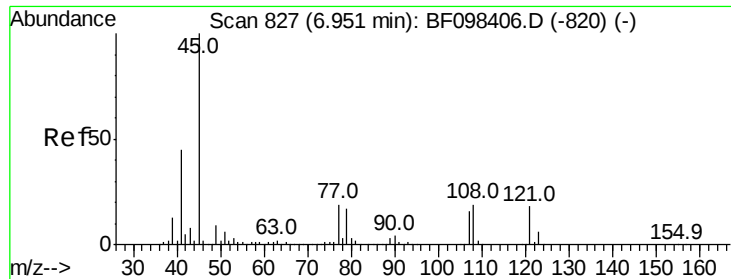
Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	79	Resp:	343709
Ion Ratio	Lower	Upper	
79	100		
108	77.7	63.4	95.0
77	63.2	49.2	73.8





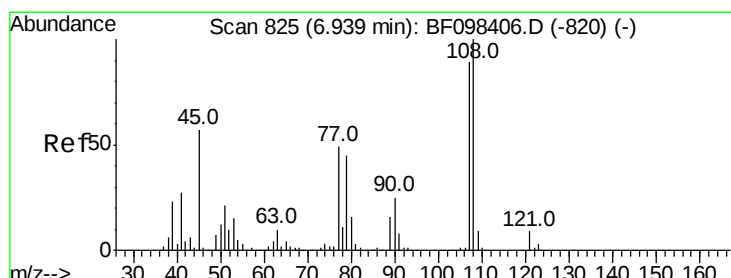
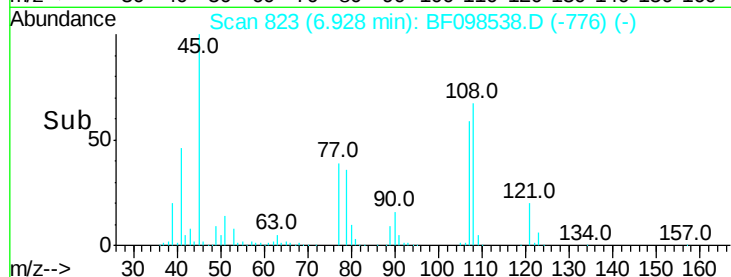
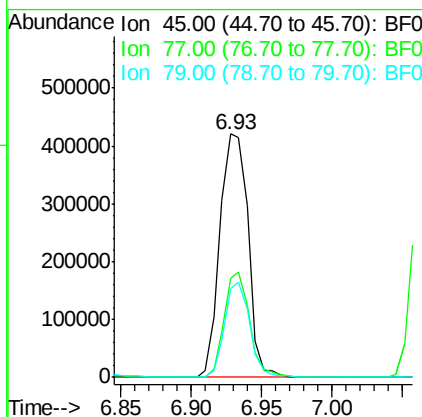
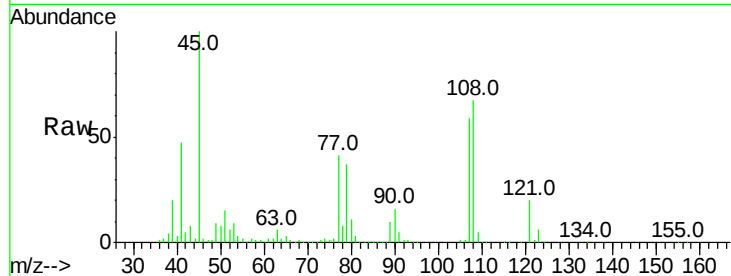
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 34.433 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	40.8	0.0	33.2#	
79	36.7	0.0	30.0#	

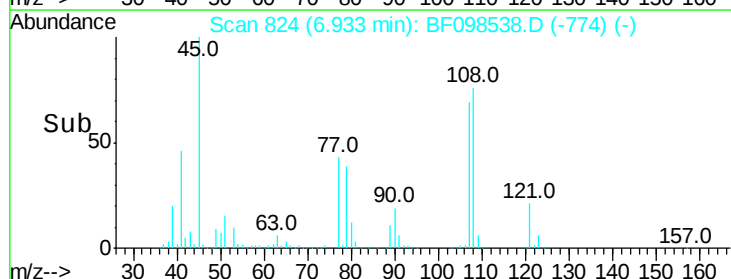
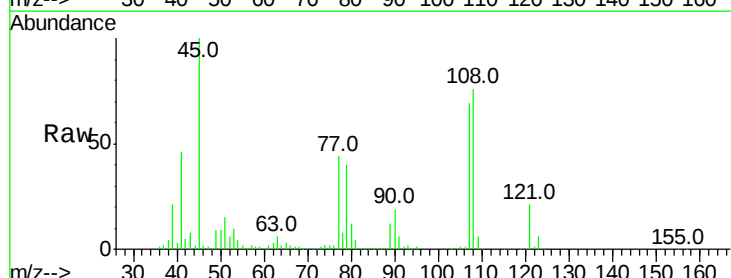
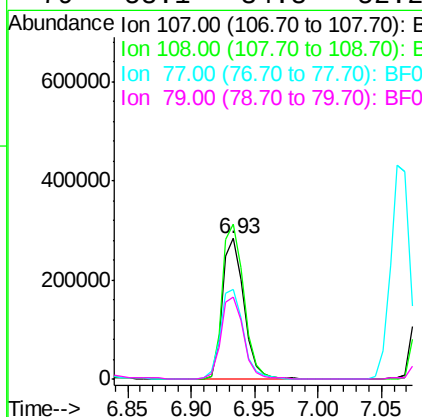
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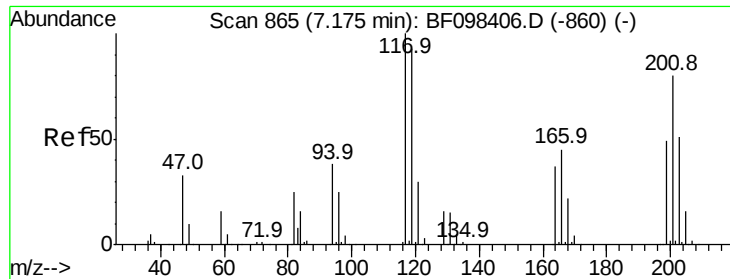
Sohil
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#17
2-Methylphenol
Concen: 40.196 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	93.4	140.0	
77	64.2	35.8	53.6#	
79	58.1	34.8	52.2#	





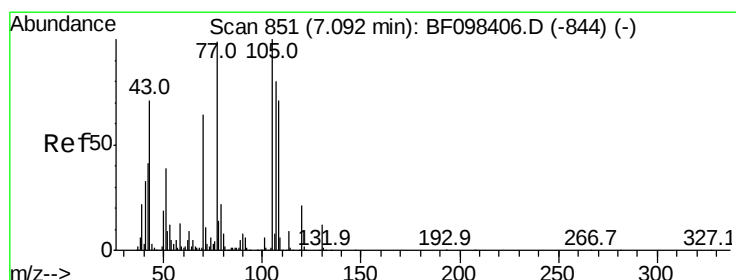
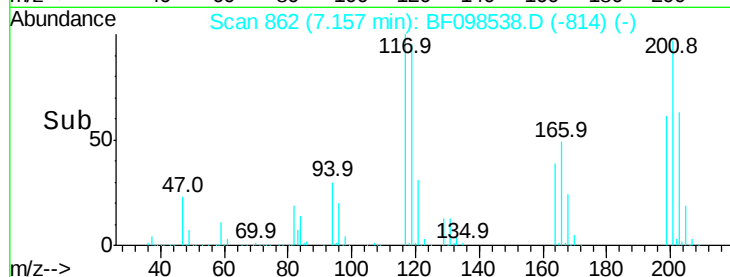
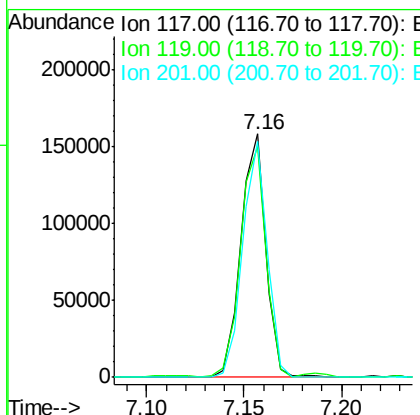
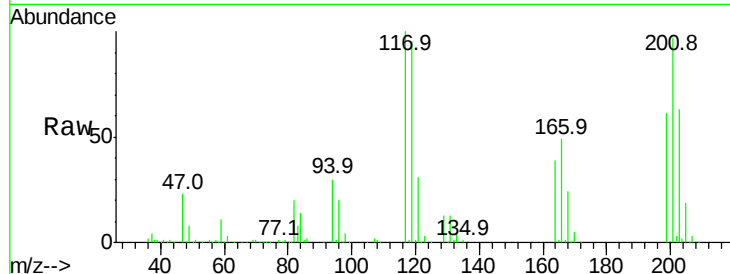
#18
Hexachloroethane
Concen: 34.785 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	139718		
119	94.7	77.4	116.0	
201	96.9	94.6	141.8	

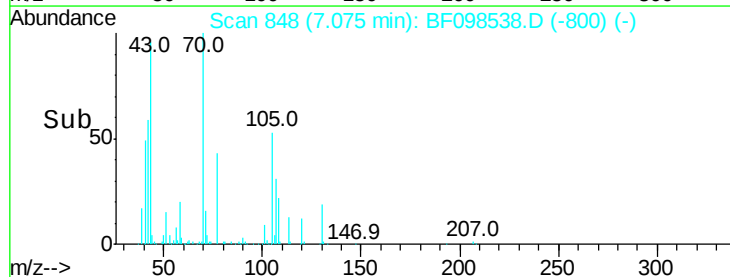
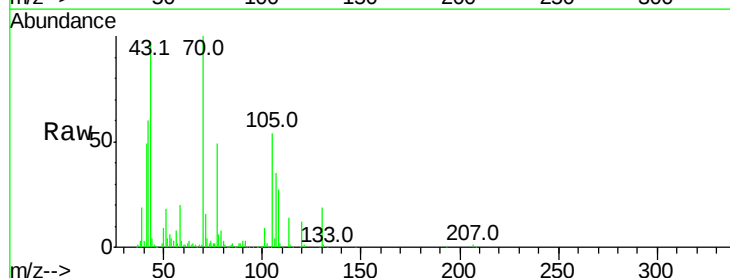
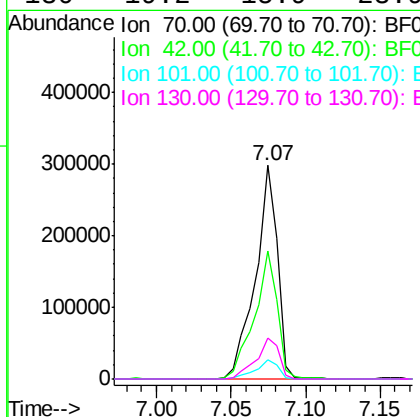
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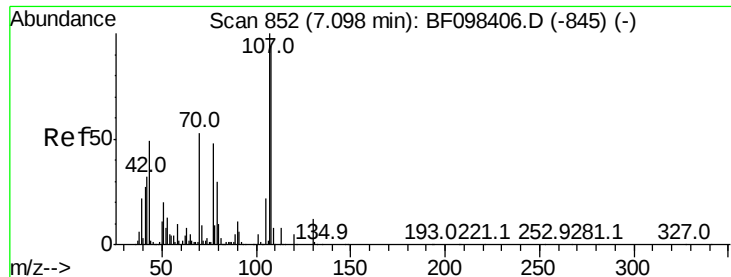
Sohil
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#19
n-Nitroso-di-n-propylamine
Concen: 40.990 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	302845		
42	60.1	47.2	70.8	
101	8.7	7.2	10.8	
130	19.2	15.9	23.9	





#20

3+4-Methylphenols

Concen: 51.549 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

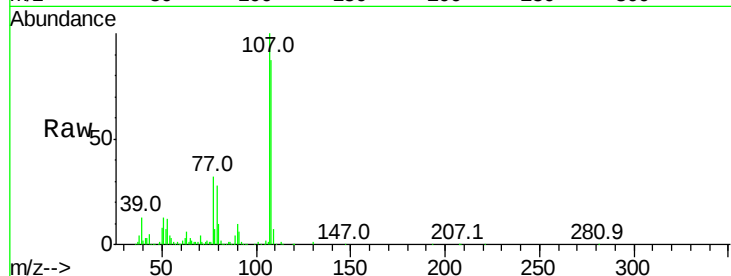
ClientSampleId :

RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.2	71.0	111.0	
77	32.0	90.5	130.5	
79	27.6	8.4	48.4	

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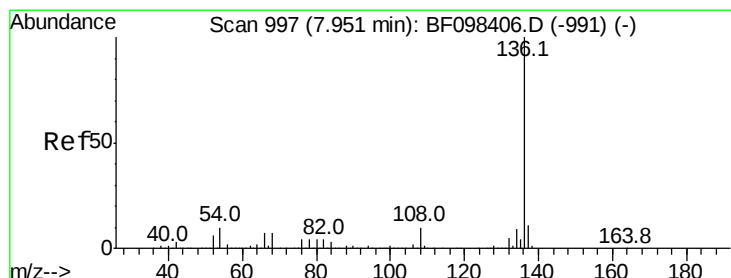
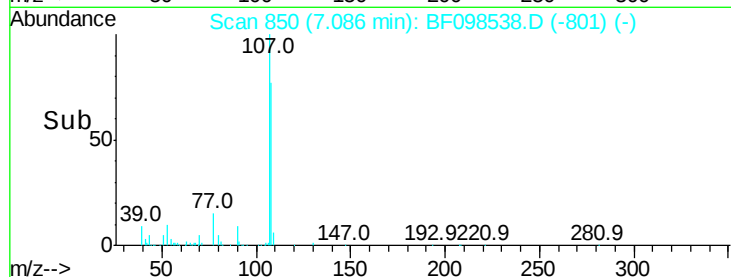
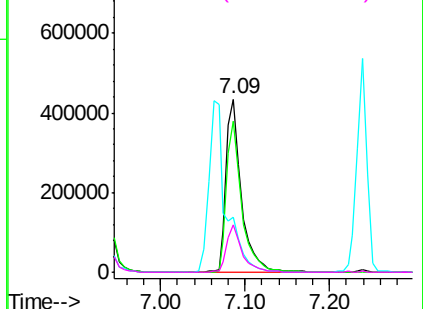


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

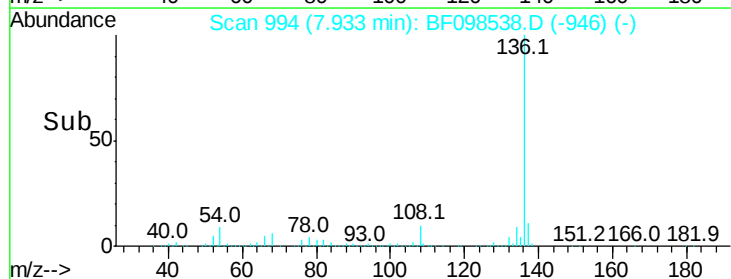
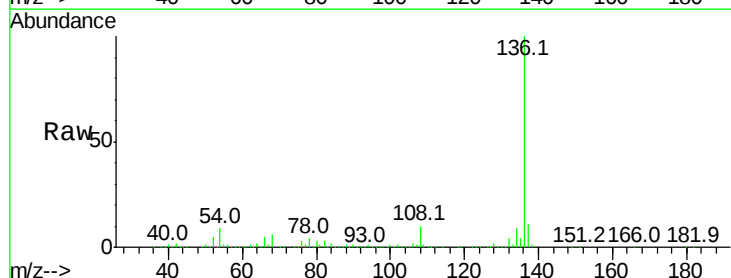
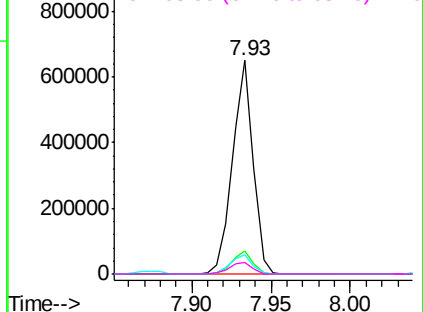
Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	8.8	4.9	7.3	
68	5.6	4.1	6.1	

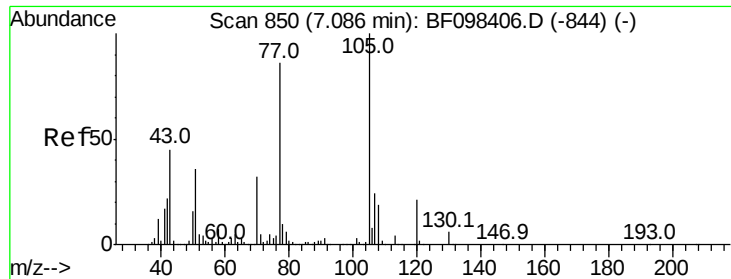
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 39.738 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

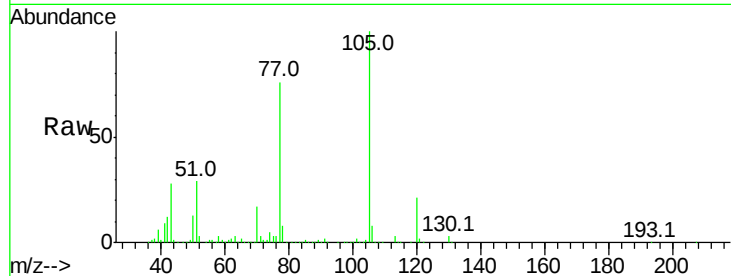
ClientSampleId :

RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	29.1	30.7	46.1#
120	21.0	17.4	26.0

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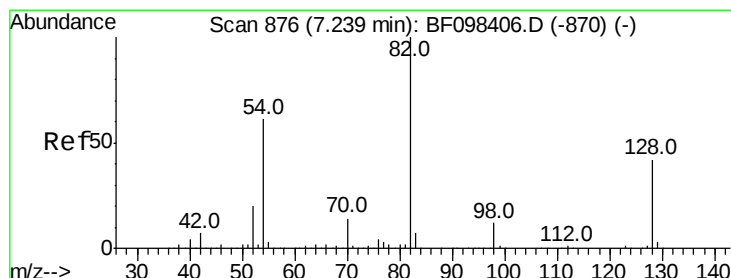
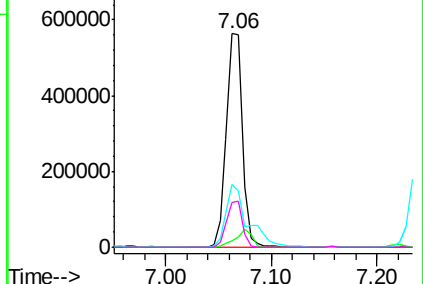
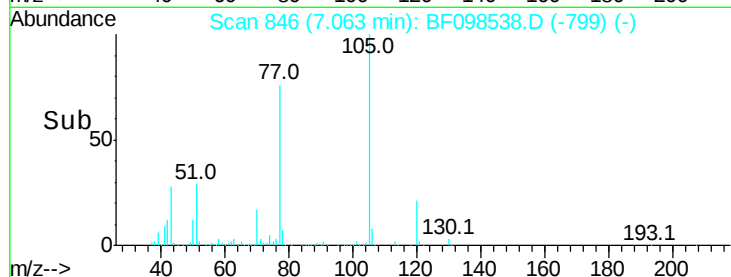


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.077 ng

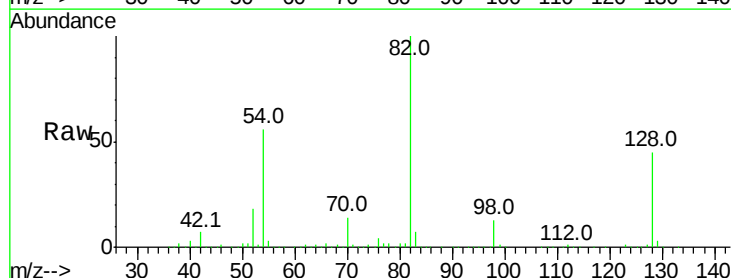
RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

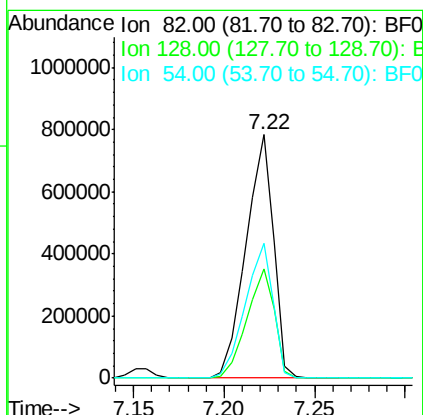
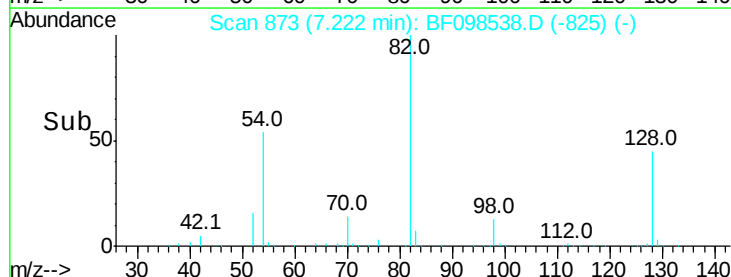
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	55.6	42.2	63.2

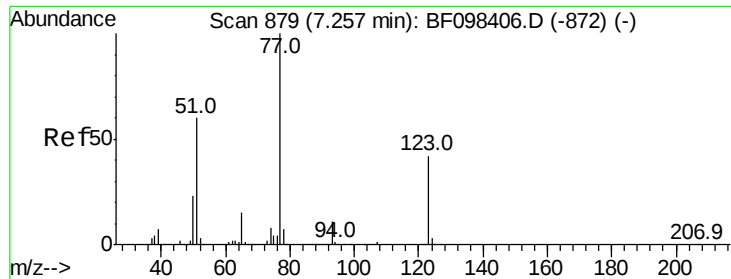


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





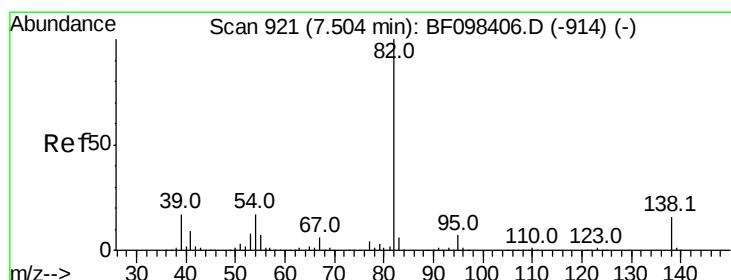
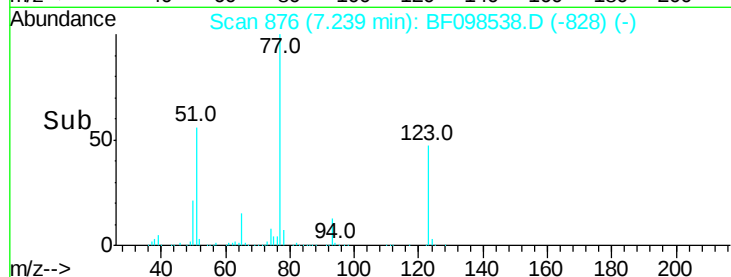
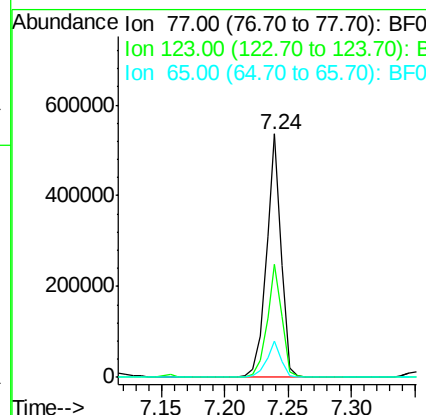
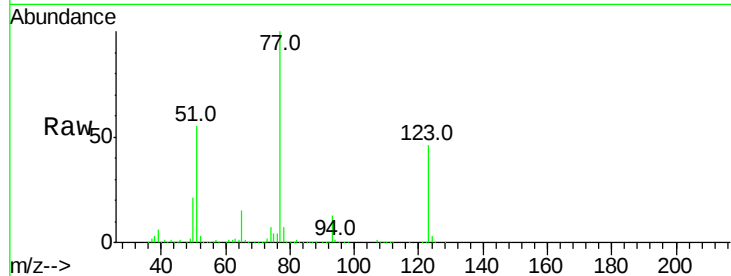
#24
Nitrobenzene
Concen: 36.461 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.8	53.8
65	15.1	10.6	15.8

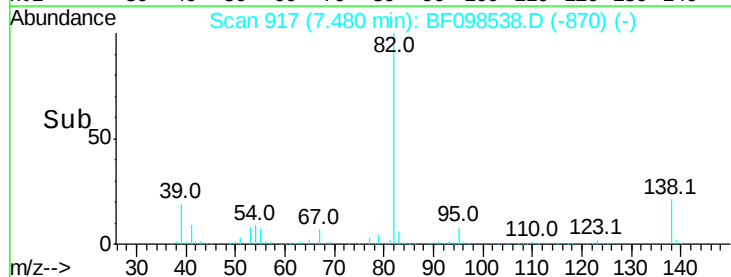
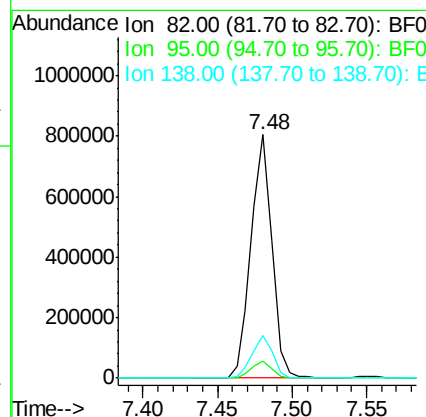
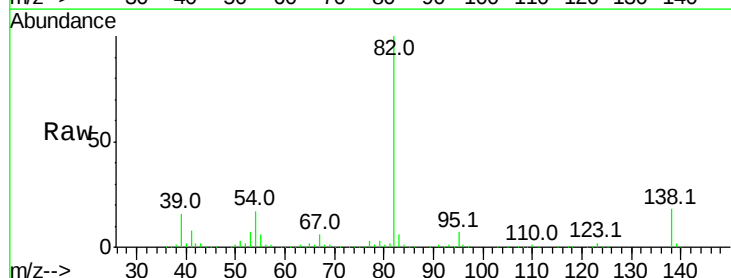
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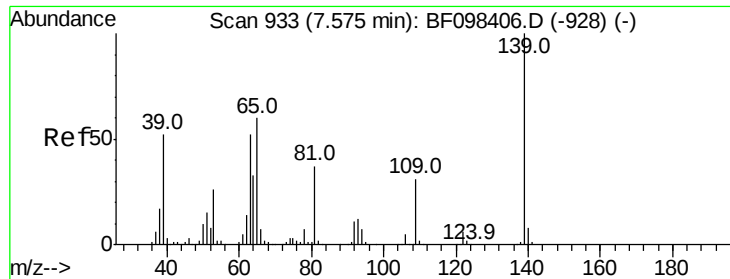
Sohil
9/15/2017 5:43:51 PM



#25
Isophorone
Concen: 36.913 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.3	7.9
138	17.5	13.1	19.7





#26

2-Nitrophenol

Concen: 45.538 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:139 Resp: 219028

Ion Ratio Lower Upper

139 100

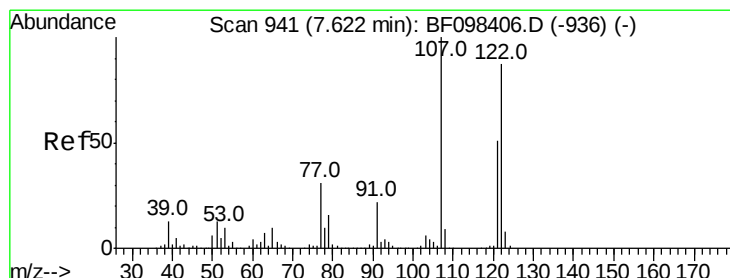
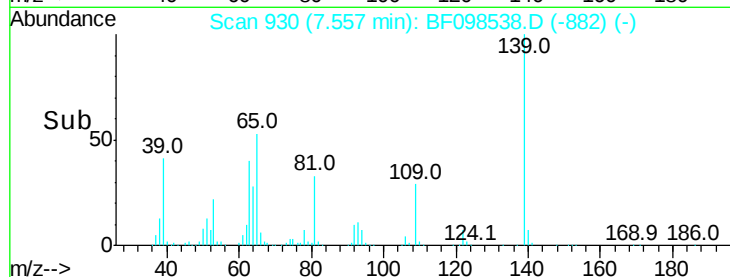
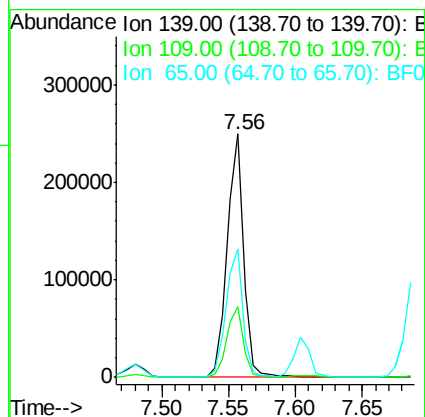
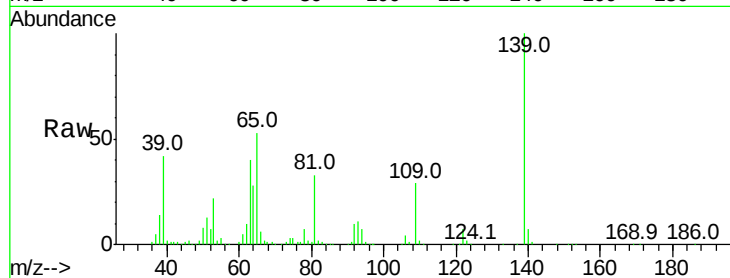
109 29.1 21.0 31.6

65 52.9 33.0 49.6#

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#27

2,4-Dimethylphenol

Concen: 36.259 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

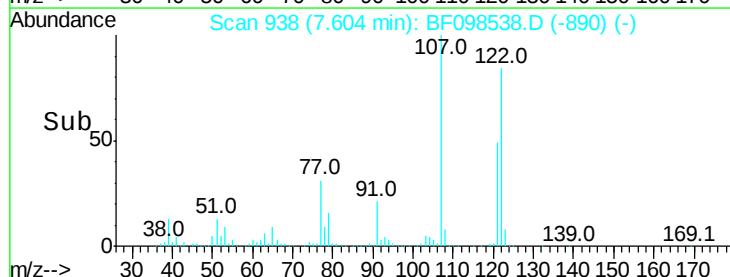
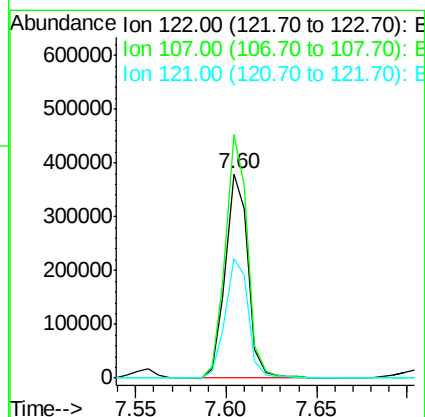
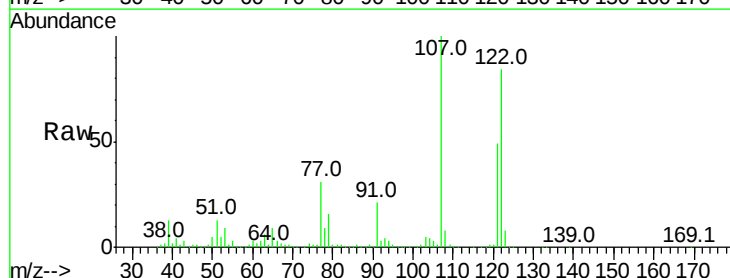
Tgt Ion:122 Resp: 332454

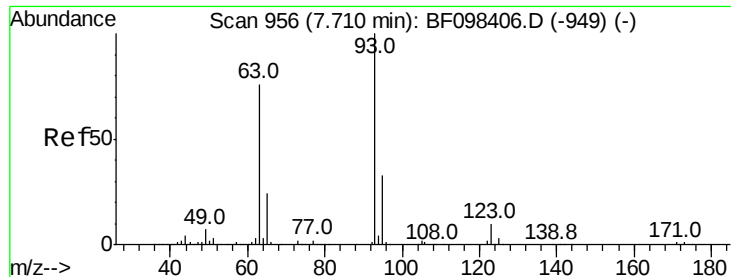
Ion Ratio Lower Upper

122 100

107 119.4 89.2 133.8

121 58.7 45.2 67.8





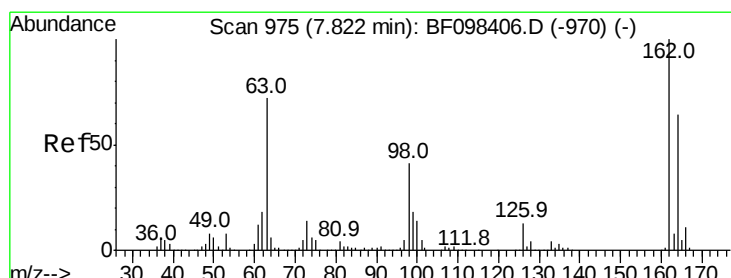
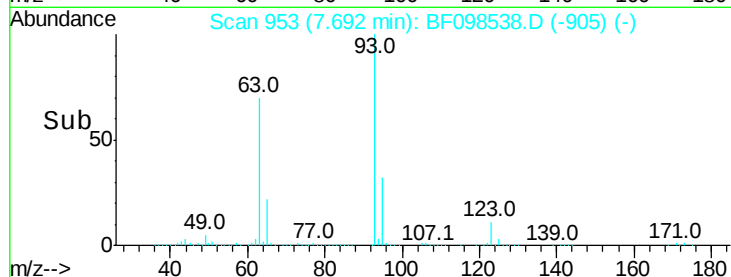
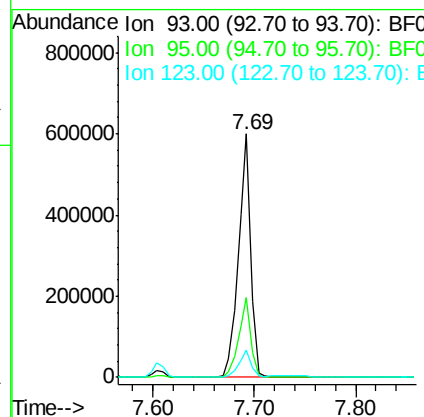
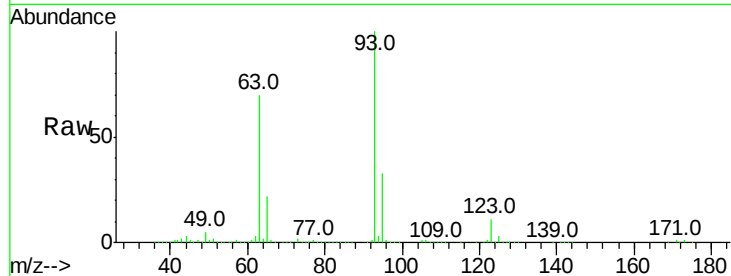
#28
bis(2-Chloroethoxy)methane
Concen: 39.073 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.0	9.0	13.4

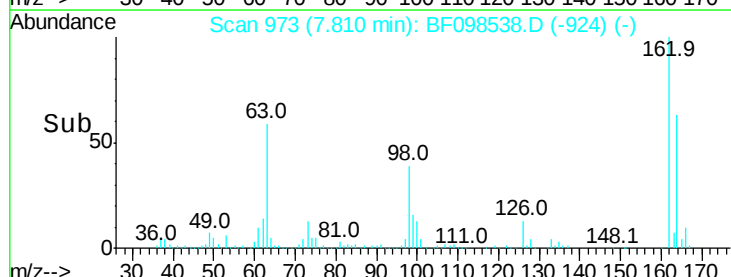
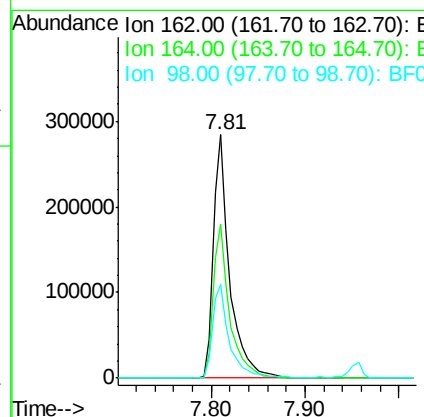
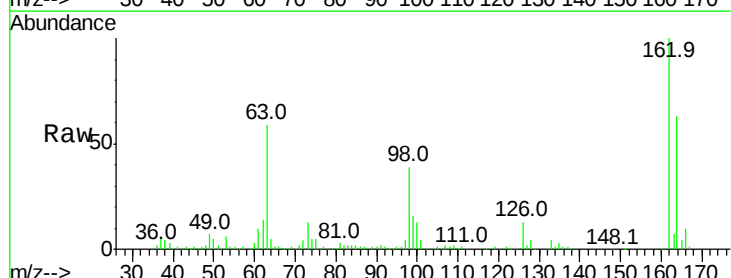
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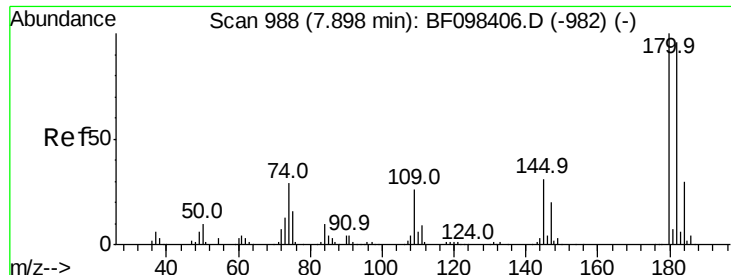
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#29
2,4-Dichlorophenol
Concen: 45.122 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	38.5	14.8	54.8





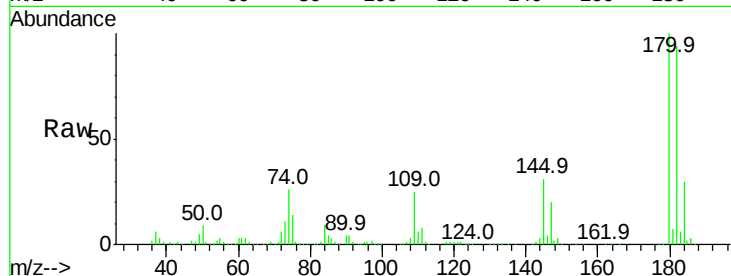
#30
 1,2,4-Trichlorobenzene
 Concen: 41.648 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

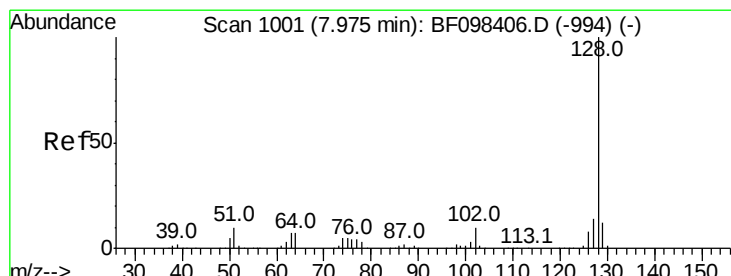
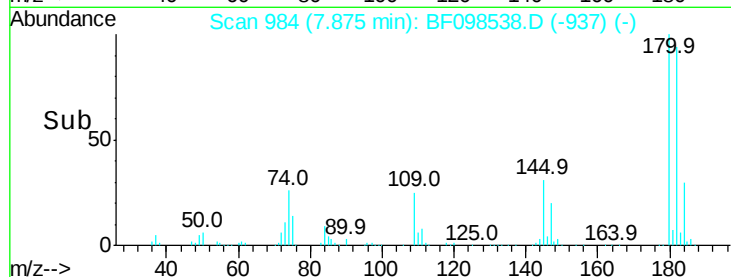
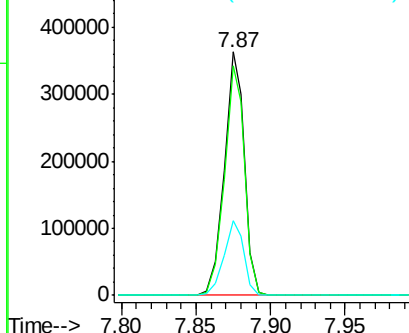
Tot Ion	Ratio	Resp	Lower	Upper
180	100	345479		
182	94.1	75.8	113.6	
145	30.6	25.3	37.9	

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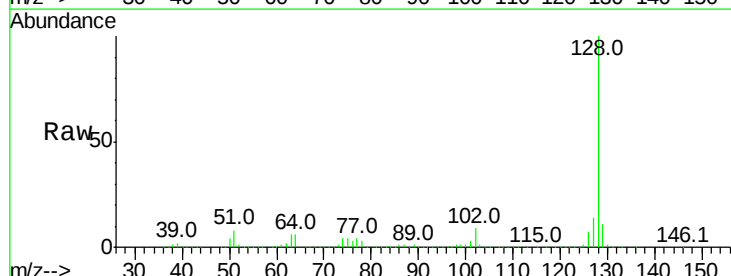


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

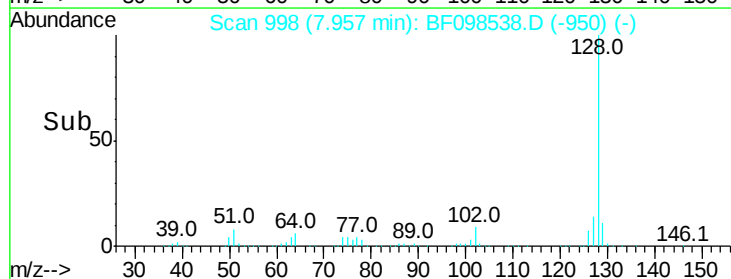
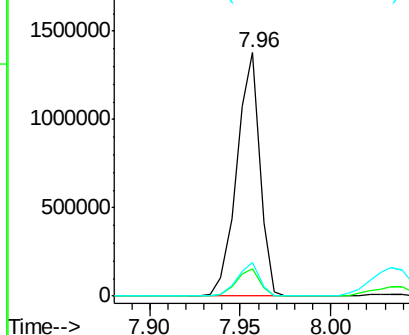


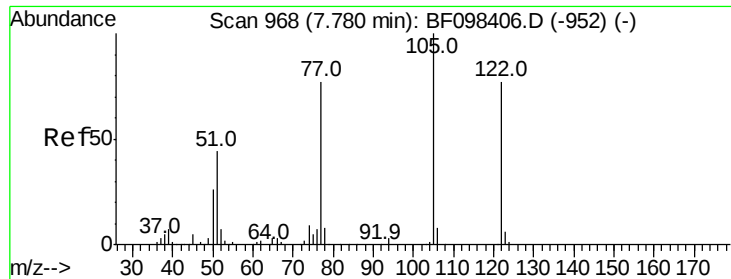
#31
 Naphthalene
 Concen: 42.388 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1221758		
129	11.3	9.0	13.6	
127	13.6	10.8	16.2	



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 28.251 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

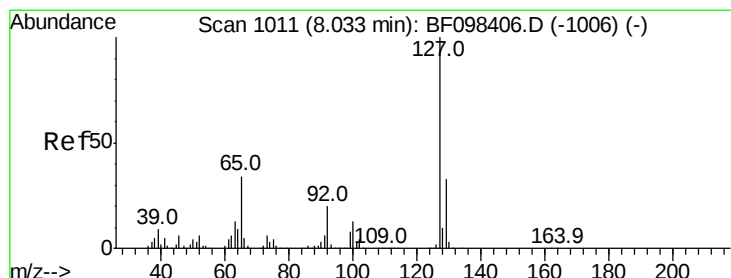
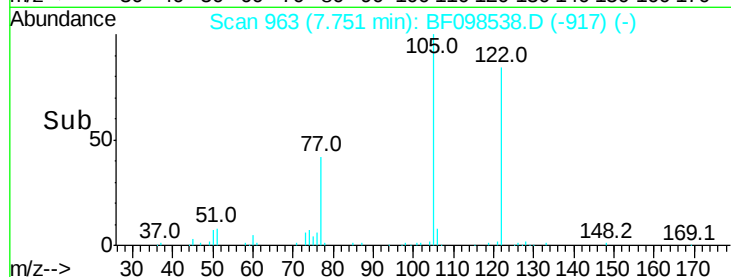
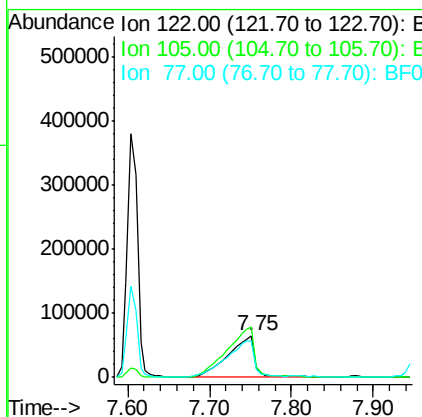
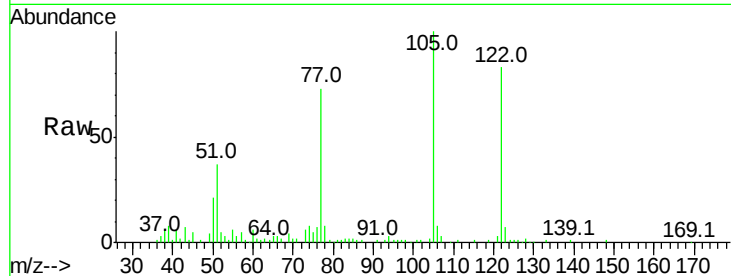
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	122	Resp:	149582
Ion Ratio	Lower	Upper	
122	100		
105	121.0	103.3	143.3
77	88.9	73.7	113.7

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#33

4-Chloroaniline

Concen: 22.394 ng

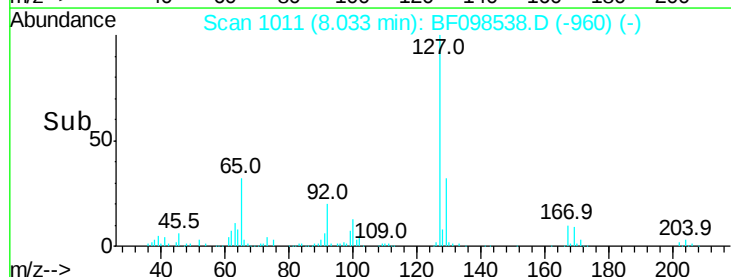
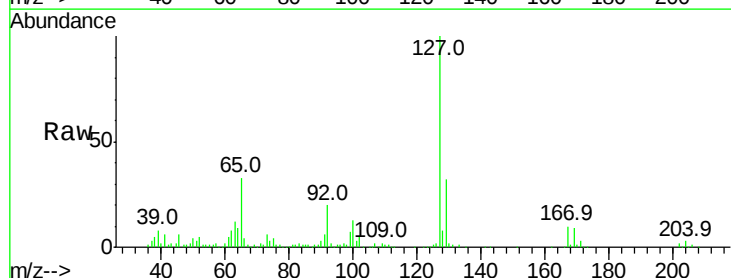
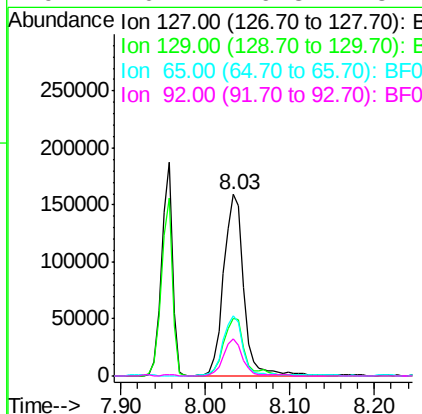
RT: 8.03 min Scan# 1011

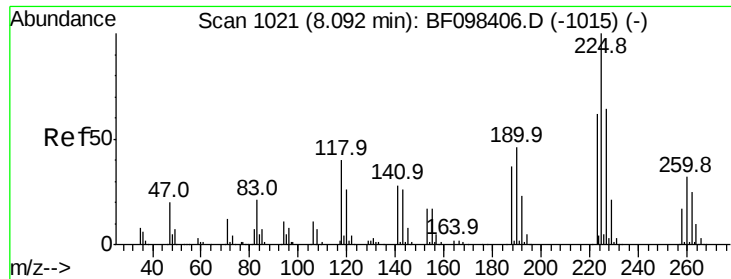
Delta R.T. -0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	127	Resp:	262325
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.2	39.2
65	33.5	27.8	41.8
92	20.2	16.8	25.2





#34

Hexachlorobutadiene

Concen: 39.698 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

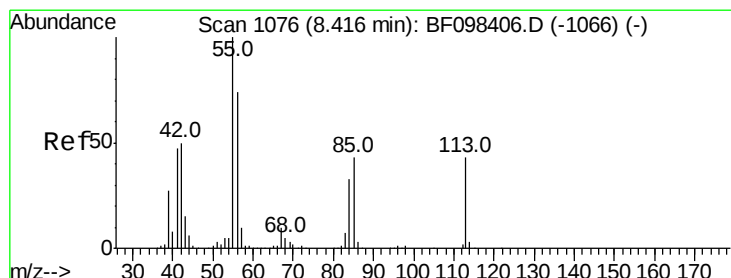
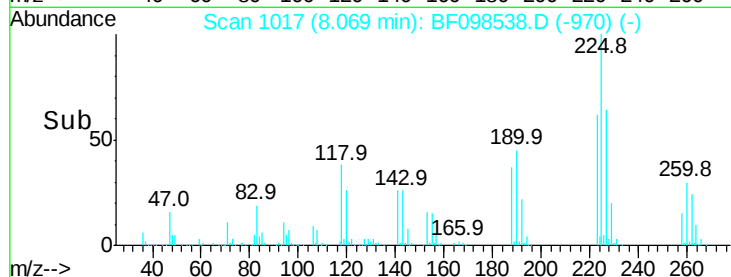
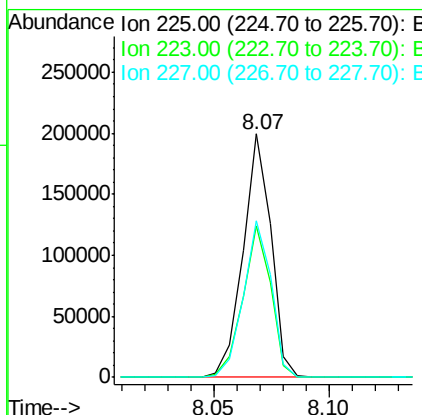
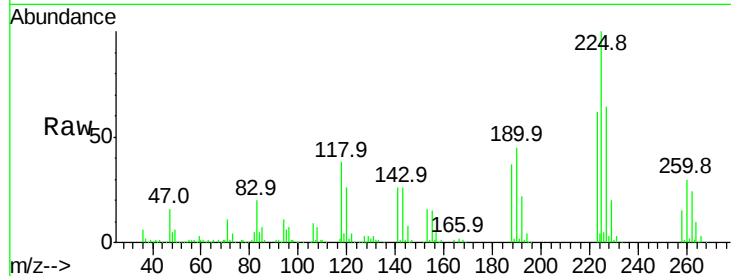
ClientSampled :

RL-15-0-17.5MS

Tot Ion:	225	Resp:	169051
Ion Ratio	Lower	Upper	
225	100		
223	62.4	48.8	73.2
227	64.4	51.1	76.7

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#35

Caprolactam

Concen: 43.847 ng m

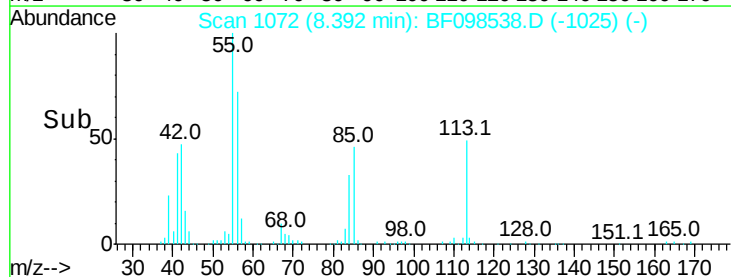
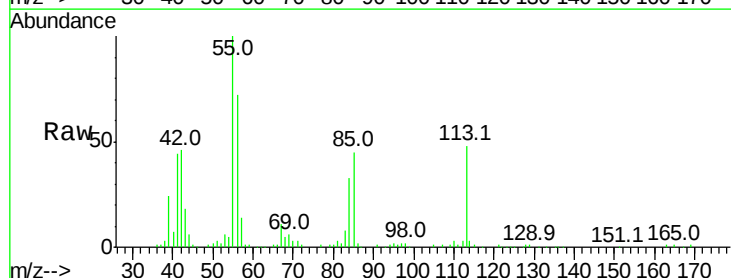
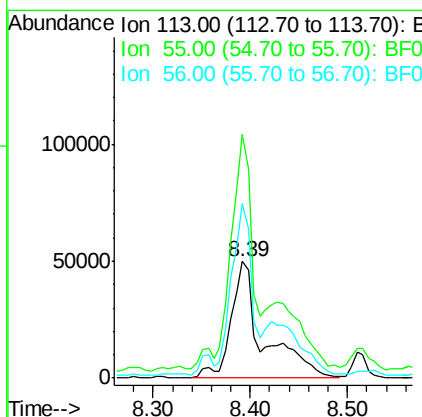
RT: 8.39 min Scan# 1072

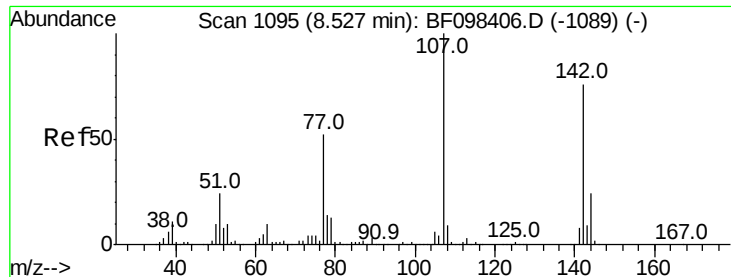
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	113	Resp:	115300
Ion Ratio	Lower	Upper	
113	100		
55	209.2	150.2	190.2#
56	150.0	107.8	147.8#





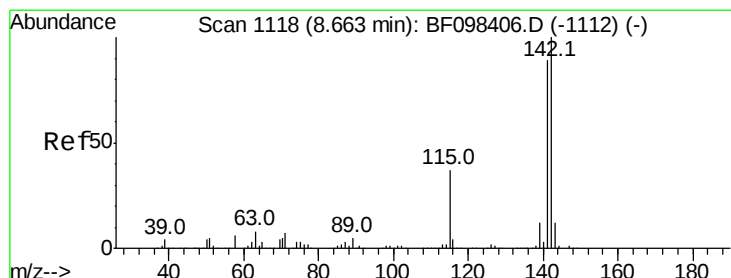
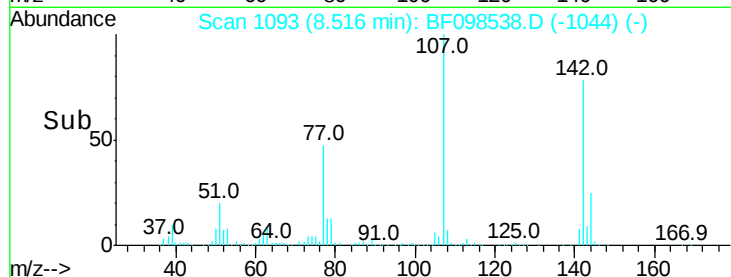
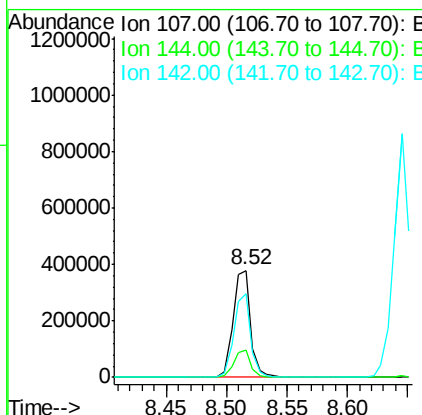
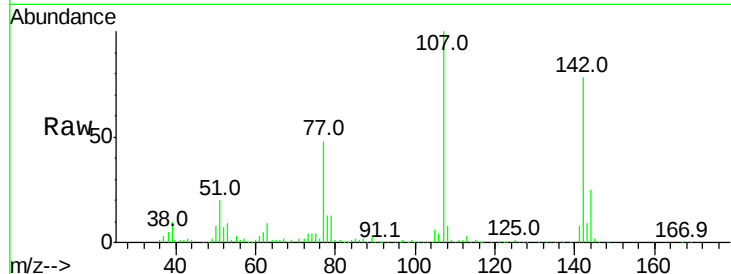
#36
 4-Chloro-3-methylphenol
 Concen: 40.196 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	380141		
144	25.4	24.2	36.4	
142	78.2	73.4	110.0	

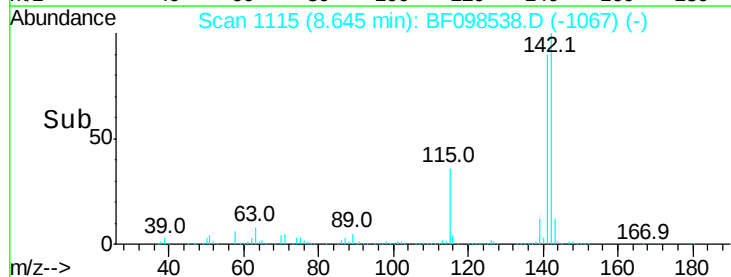
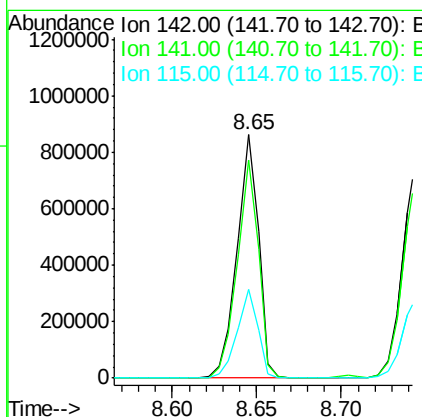
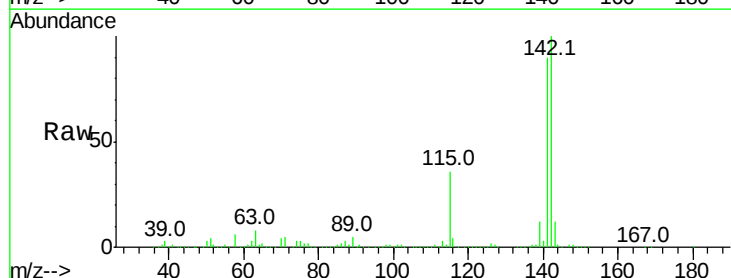
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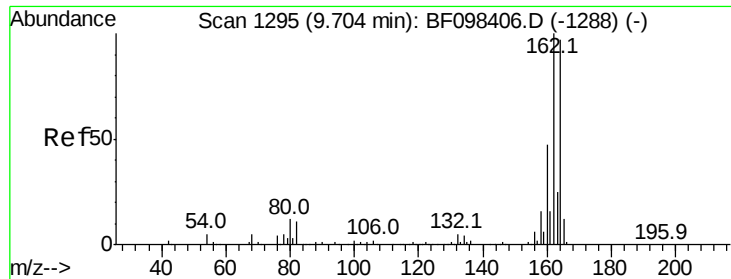
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#37
 2-Methylnaphthalene
 Concen: 43.603 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	761271		
141	89.5	71.3	106.9	
115	36.5	27.1	40.7	





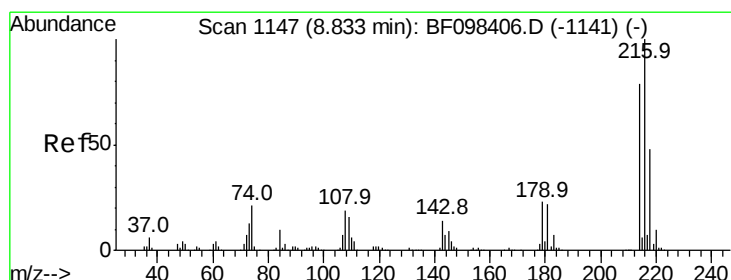
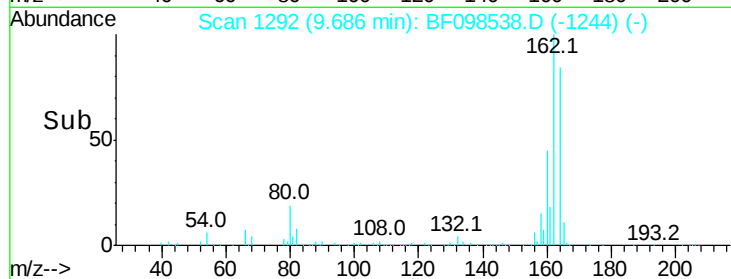
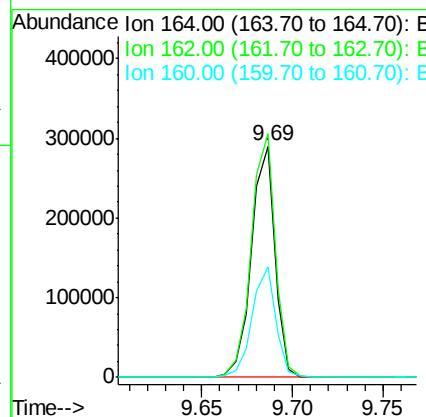
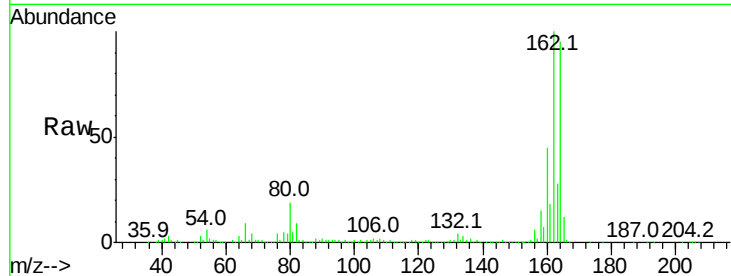
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion:	164	Resp:	262437
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.6	123.8
160	48.0	36.2	54.2

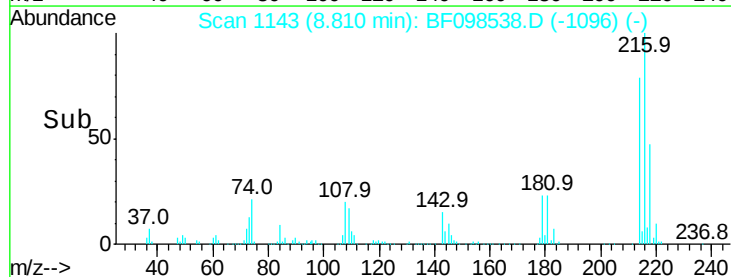
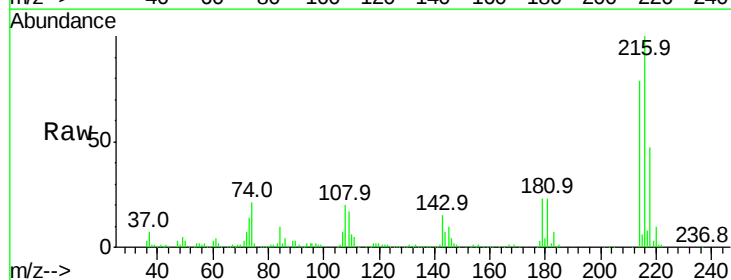
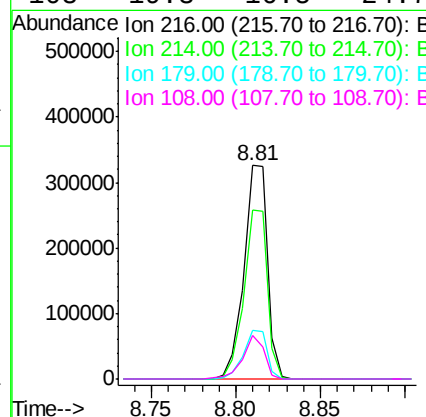
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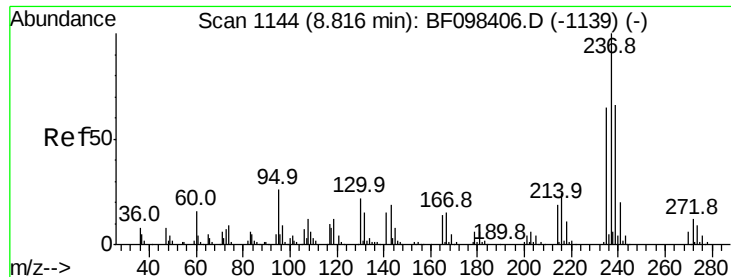
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.693 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:	216	Resp:	316309
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.4	95.2
179	23.0	17.9	26.9
108	19.3	16.5	24.7





#40

Hexachlorocyclopentadiene

Concen: 33.327 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

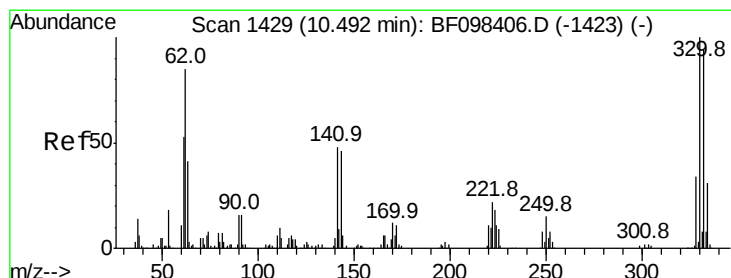
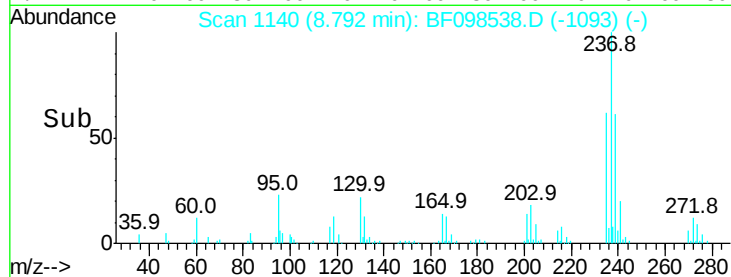
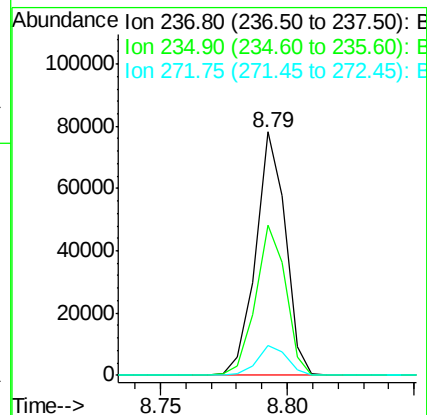
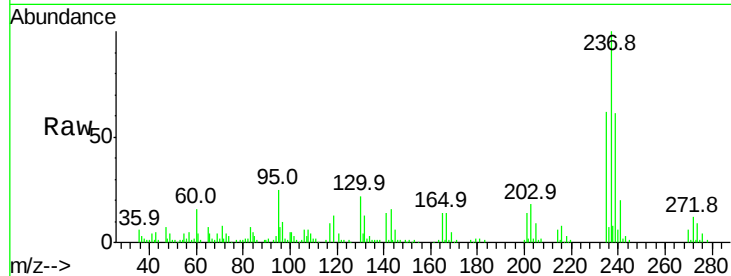
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	237	Resp:	64128
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.6	82.6
272	12.5	0.0	31.9

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#41

2,4,6-Tribromophenol

Concen: 139.874 ng

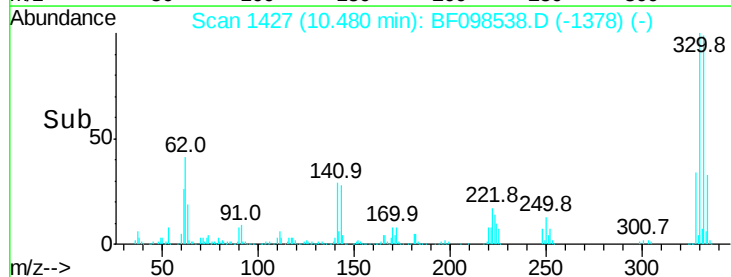
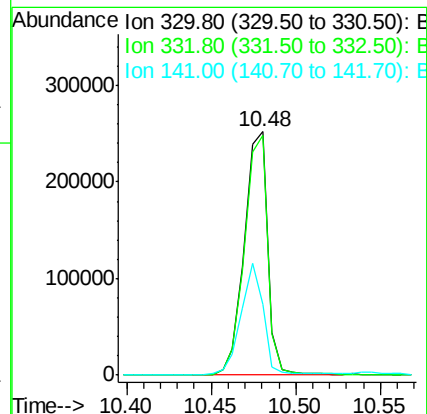
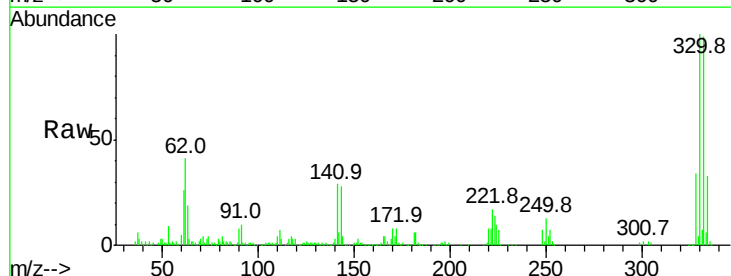
RT: 10.48 min Scan# 1427

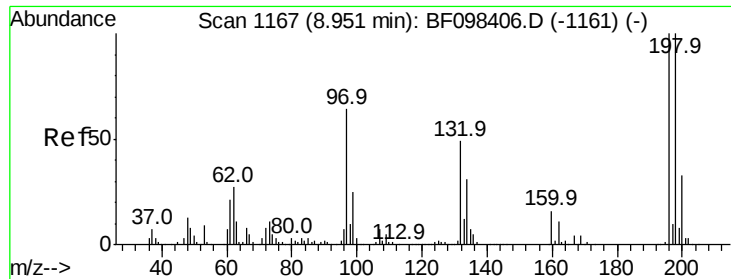
Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	330	Resp:	244996
Ion Ratio	Lower	Upper	
330	100		
332	98.8	76.6	115.0
141	42.9	31.4	47.2





#42

2,4,6-Trichlorophenol

Concen: 46.233 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:196 Resp: 221995

Ion Ratio Lower Upper

196 100

198 103.1 74.2 111.4

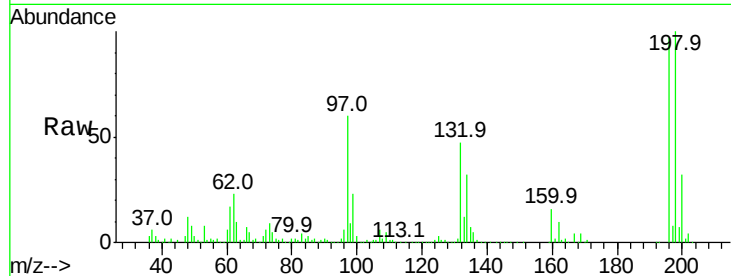
200 33.0 24.0 36.0

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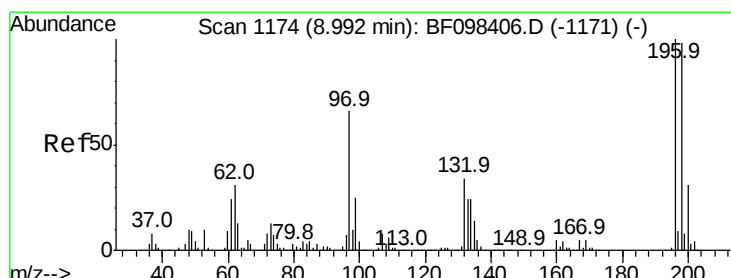
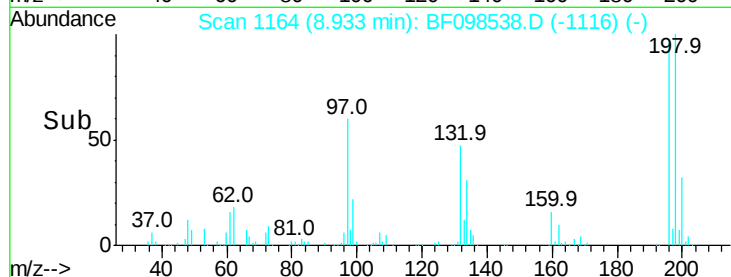
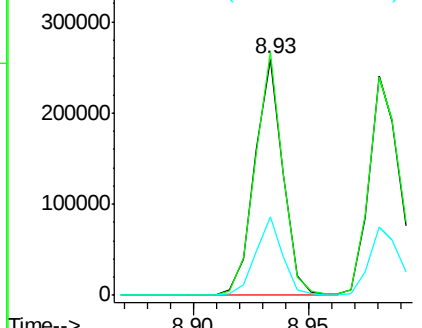
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Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 45.703 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:196 Resp: 229377

Ion Ratio Lower Upper

196 100

198 99.5 75.7 113.5

97 57.7 47.7 71.5

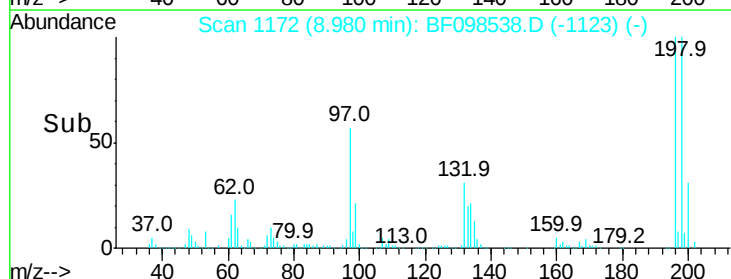
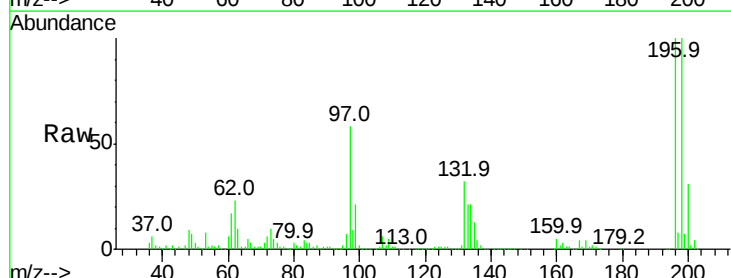
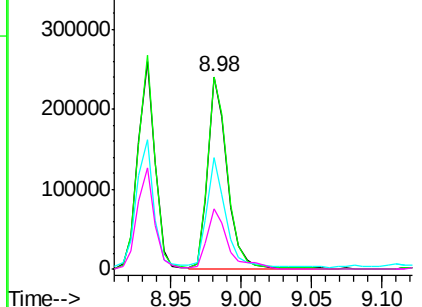
132 31.5 28.0 42.0

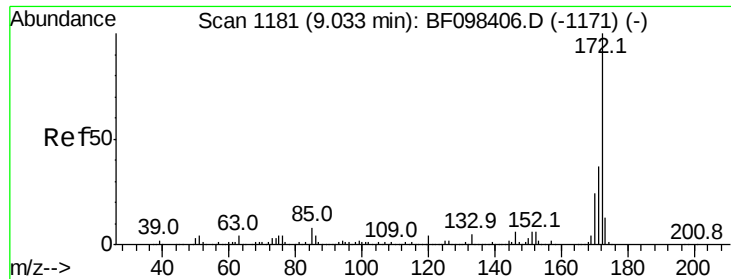
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





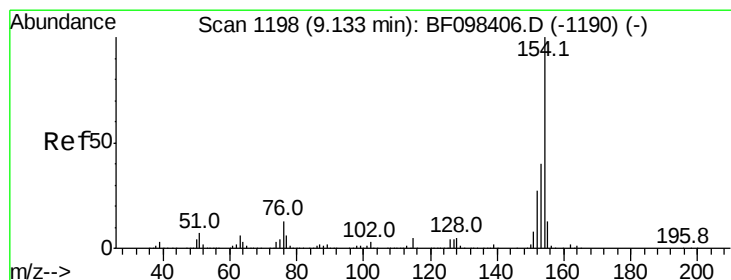
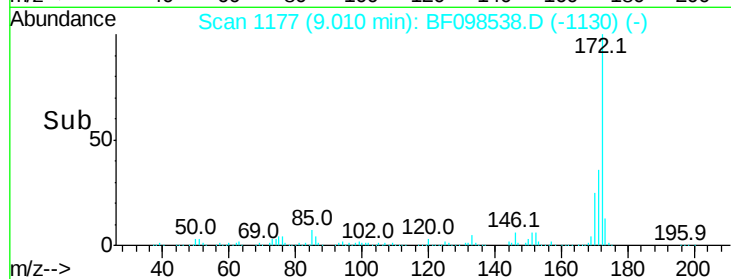
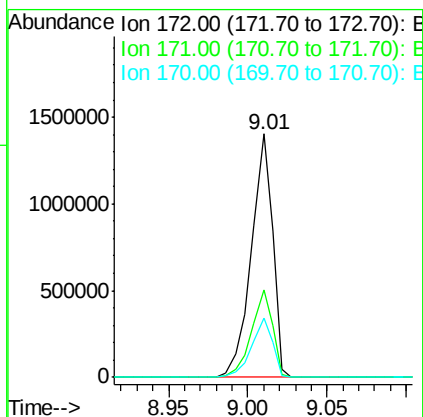
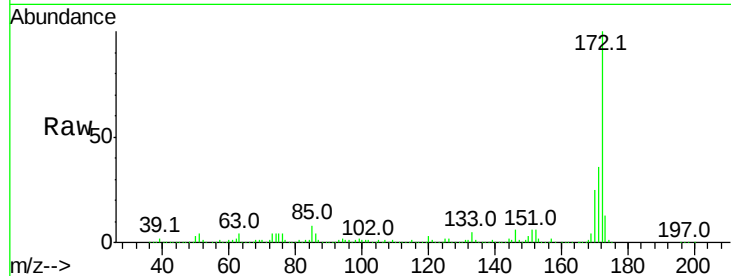
#44
2-Fluorobiphenyl
Concen: 84.279 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8

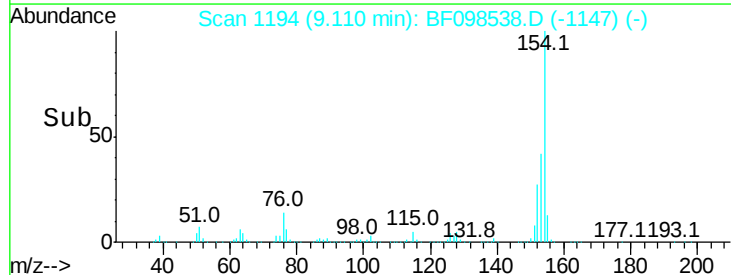
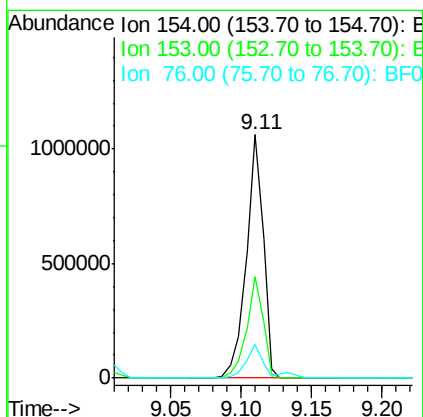
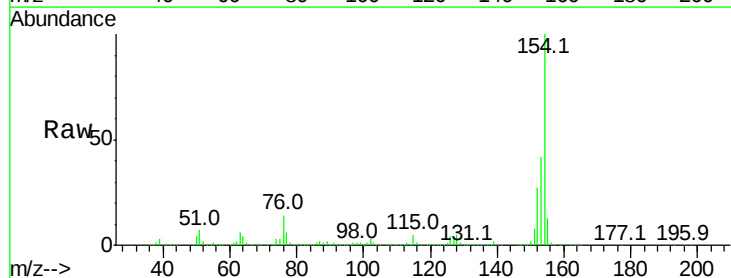
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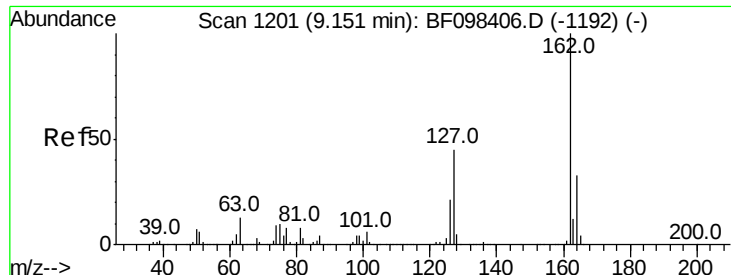
Sohil
9/15/2017 5:43:51 PM



#45
1,1'-Biphenyl
Concen: 37.817 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	13.6	0.0	29.9





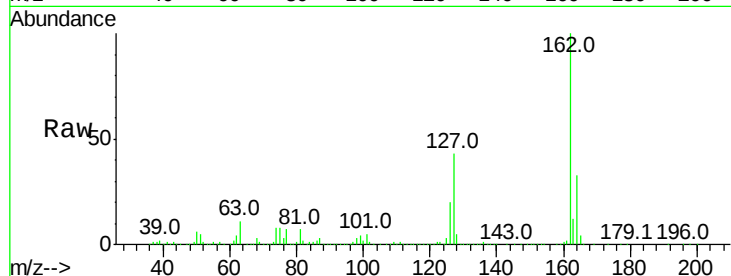
#46
 2-Chloronaphthalene
 Concen: 40.199 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

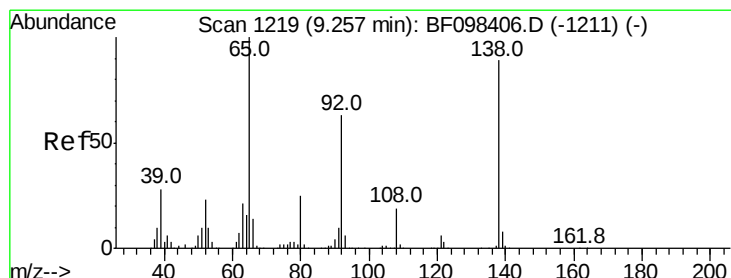
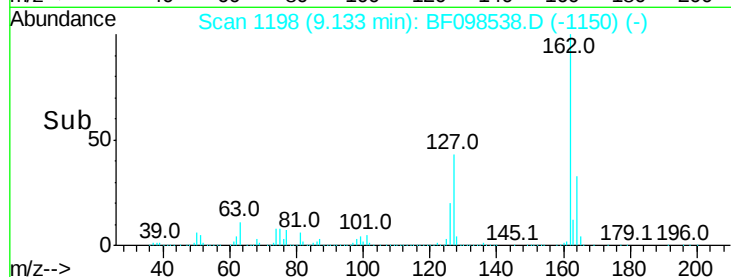
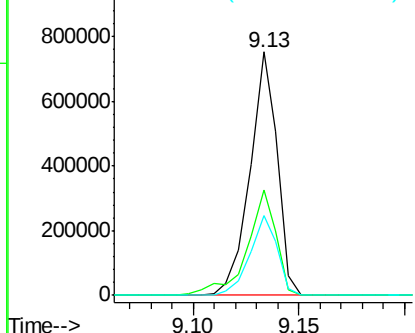
Tot Ion	Ratio	Resp	Lower	Upper
162	100	674360		
127	43.2	28.3	42.5#	
164	32.6	27.0	40.4	

Manual Integrations
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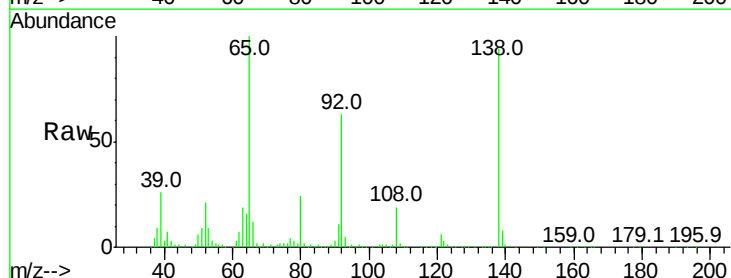


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

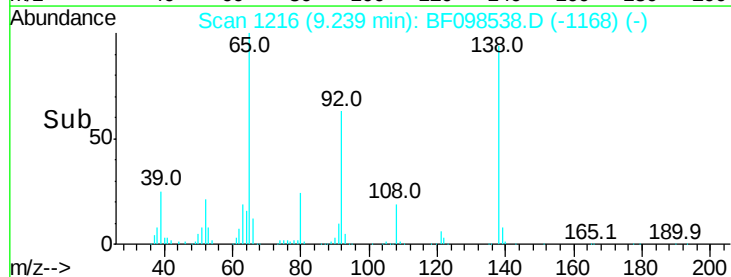
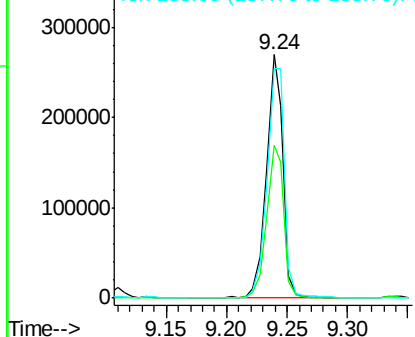


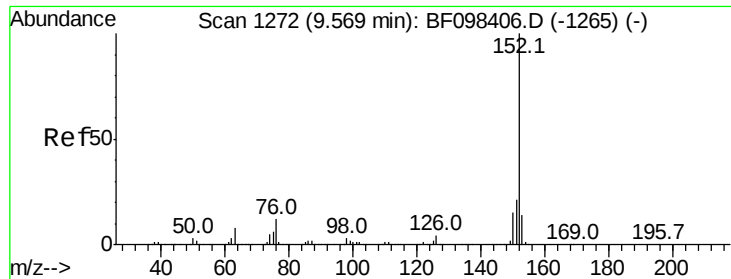
#47
 2-Nitroaniline
 Concen: 39.197 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	252382		
92	63.0	53.9	80.9	
138	94.2	78.8	118.2	



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.261 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:152 Resp: 1004230

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

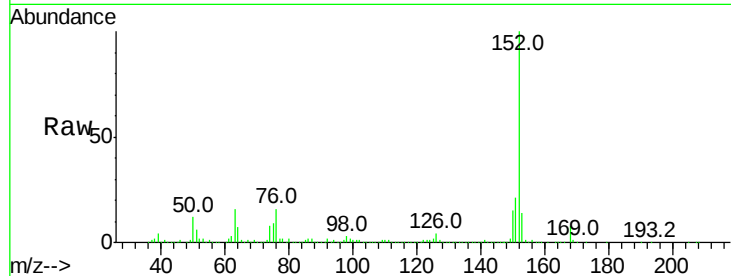
153 14.0 10.8 16.2

Manual Integrations

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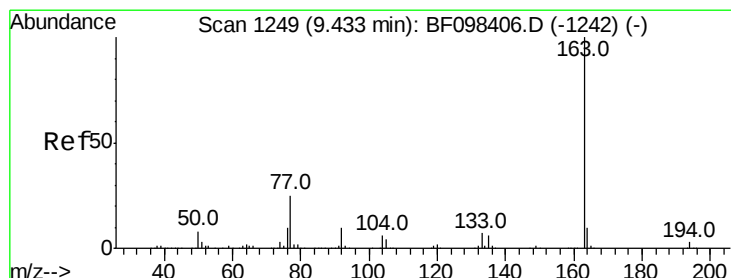
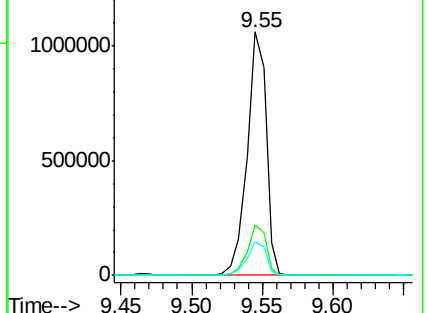
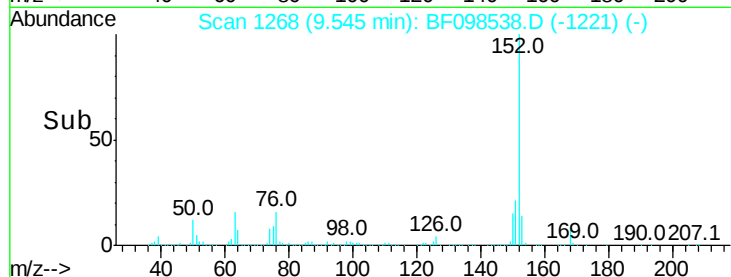
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 52.407 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

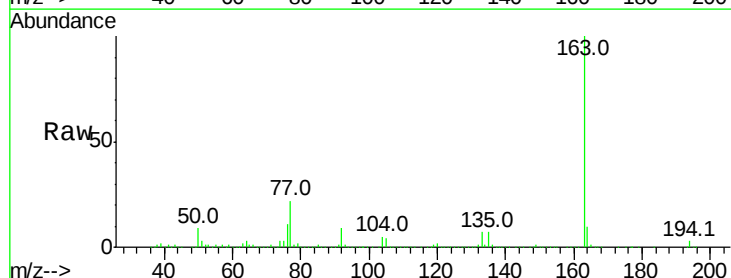
Tgt Ion:163 Resp: 1064629

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

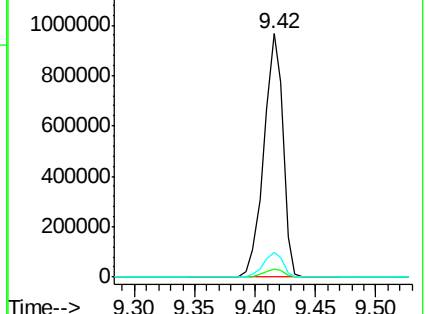
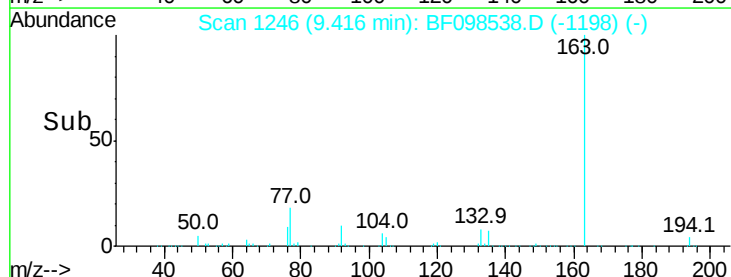
164 10.3 8.4 12.6

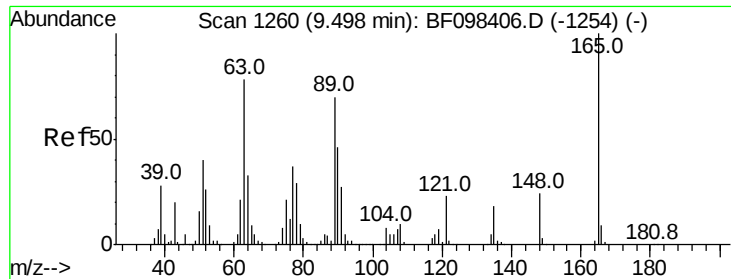


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





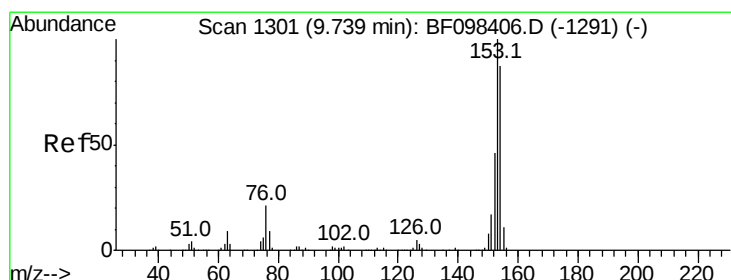
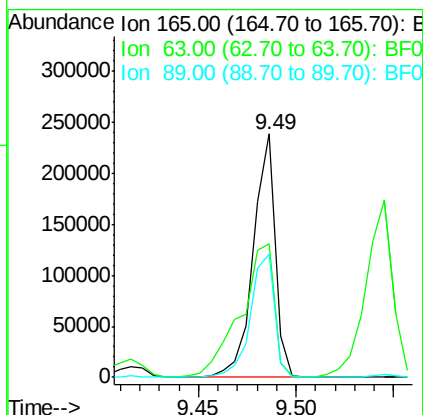
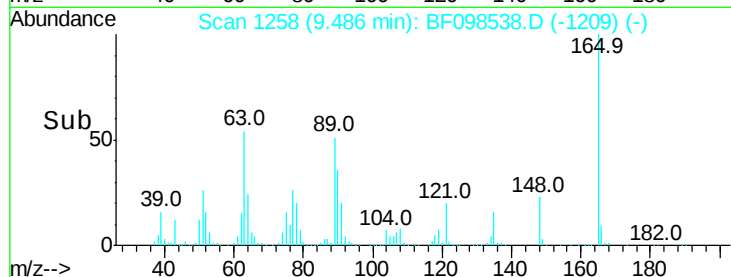
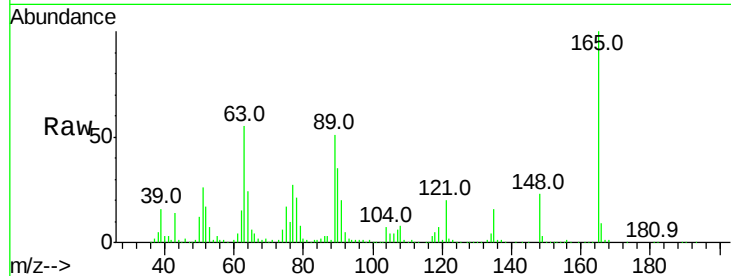
#50
2,6-Dinitrotoluene
Concen: 44.327 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.8	34.3	51.5#	
89	50.8	37.1	55.7	

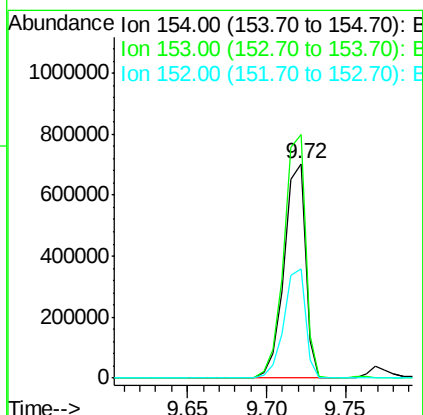
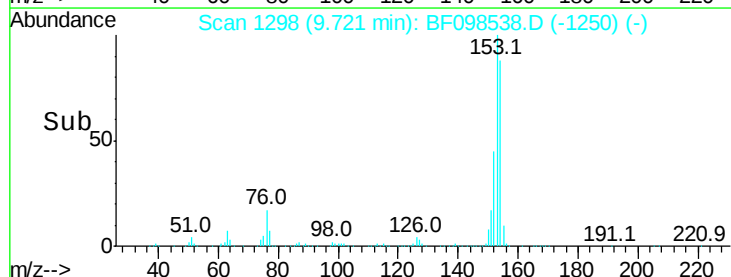
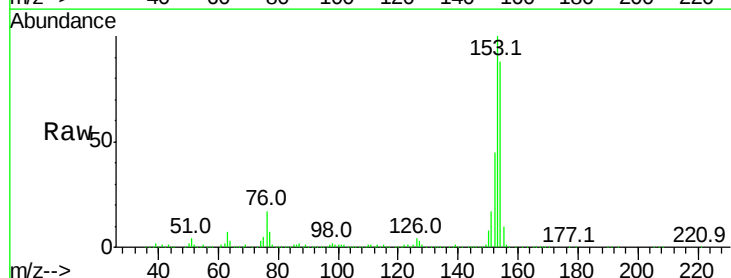
Manual Integrations
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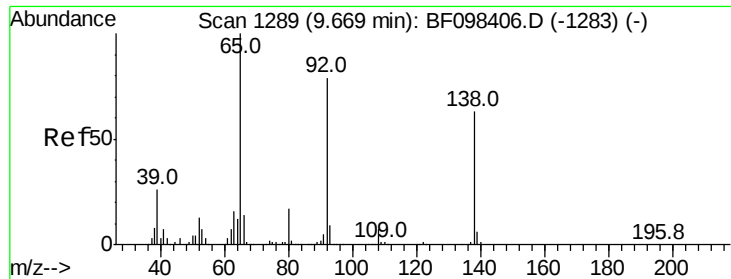
Sohil
9/15/2017 5:43:51 PM



#51
Acenaphthene
Concen: 41.688 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.5	90.5	135.7	
152	51.2	43.6	65.4	





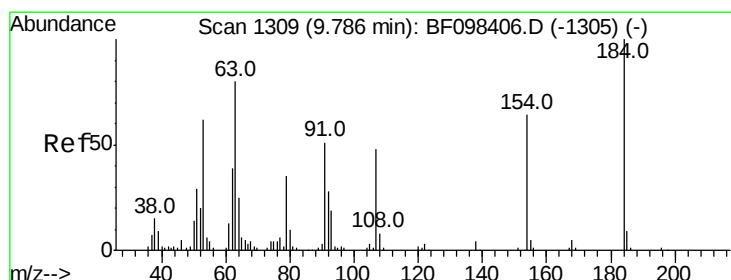
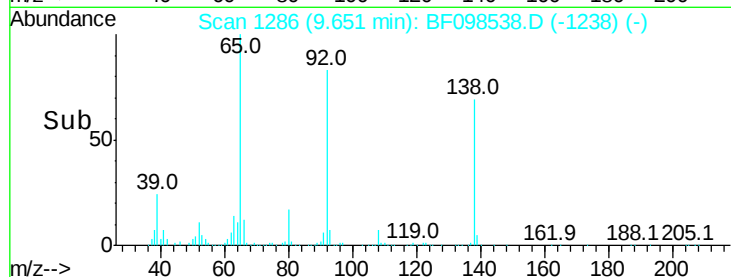
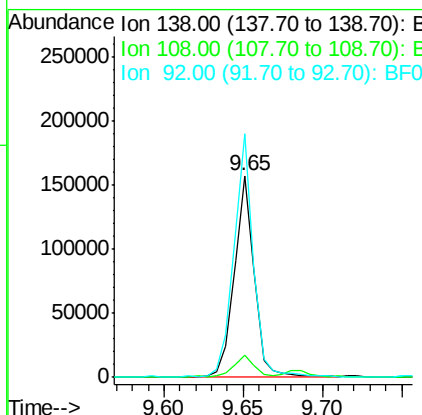
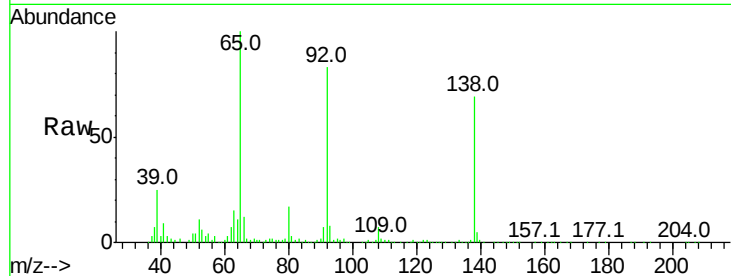
#52
 3-Nitroaniline
 Concen: 27.490 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	120.8	93.8	140.6

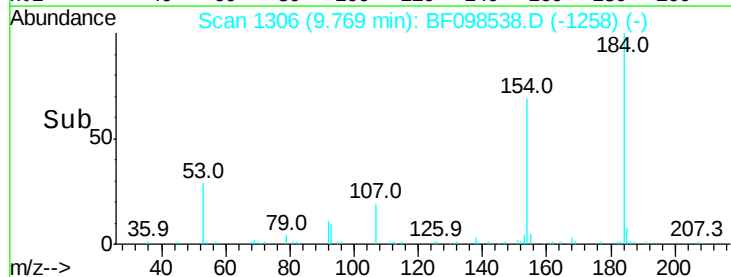
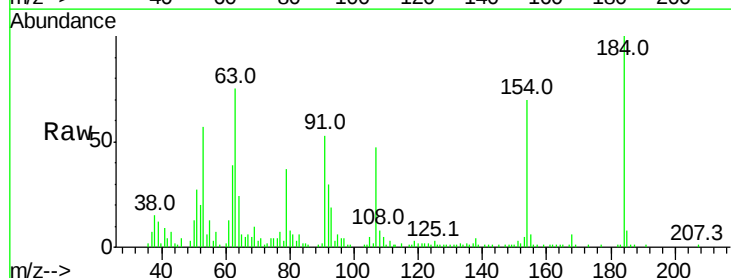
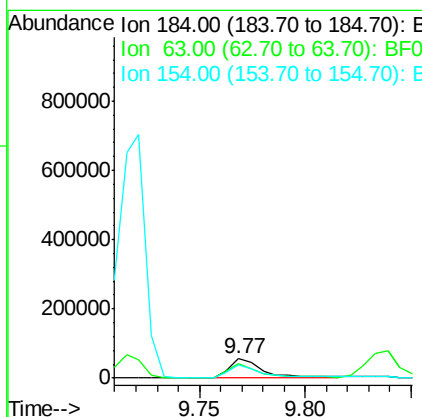
Manual Integrations
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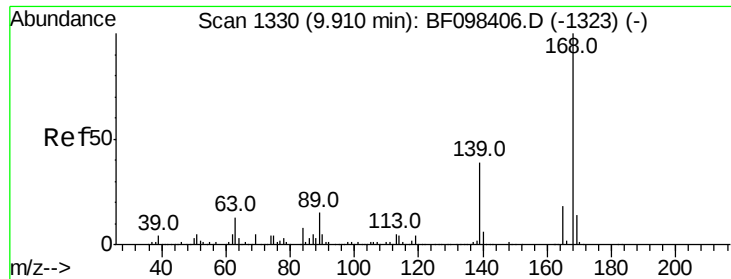
Sohil
 9/15/2017 5:43:51 PM



#53
 2,4-Dinitrophenol
 Concen: 36.136 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.5	62.7	94.1
154	69.7	81.1	121.7#





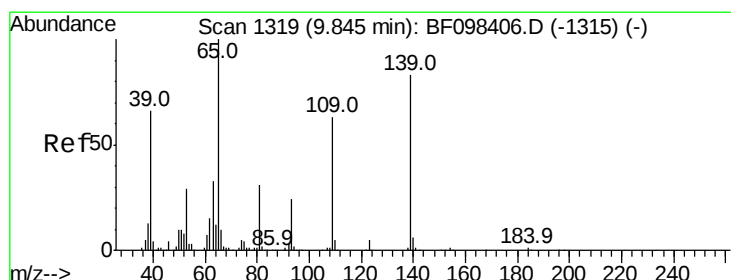
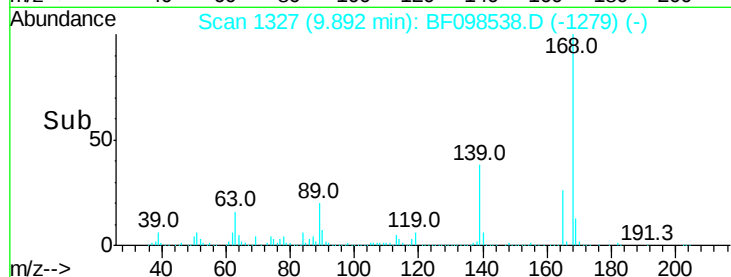
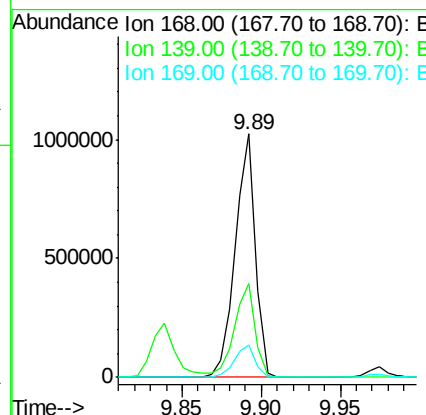
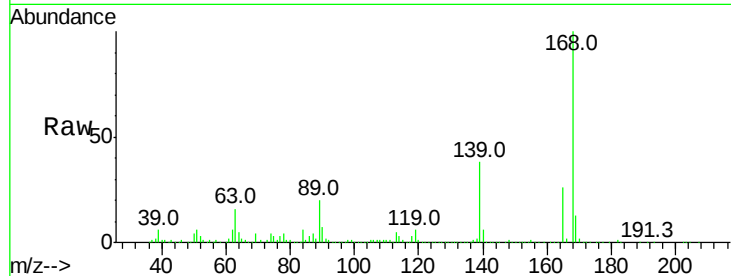
#54
Dibenzenofuran
 Concen: 43.061 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampled :
 RL-15-0-17.5MS

Tot Ion:	168	Resp:	899456
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.6	45.8
169	13.2	10.8	16.2

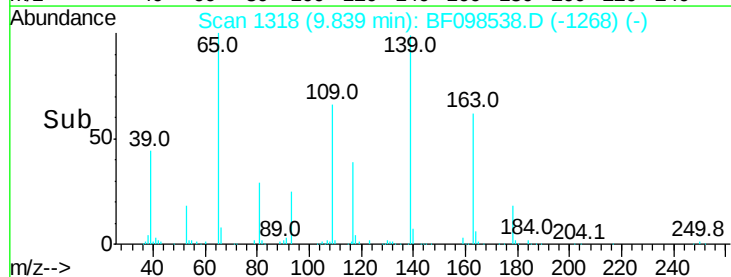
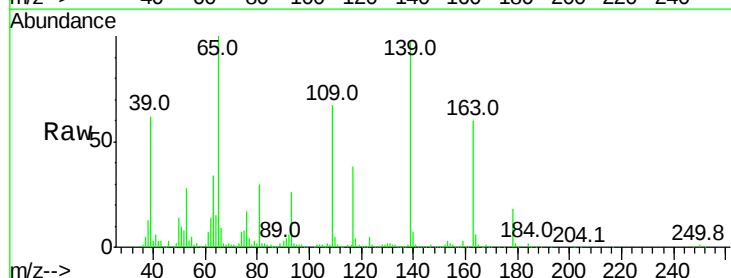
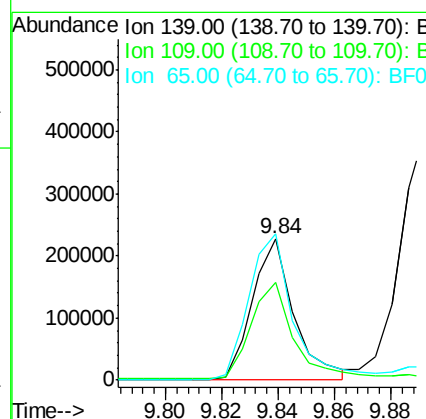
Manual Integrations
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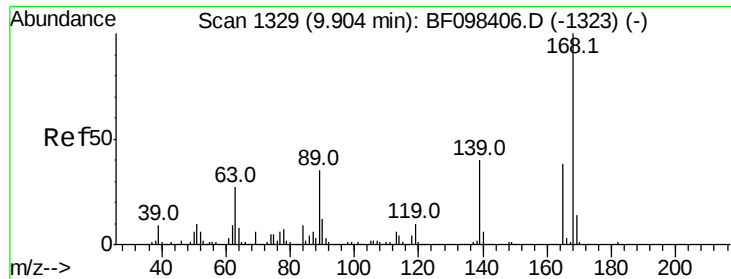
Sohil
 9/15/2017 5:43:51 PM



#55
4-Nitrophenol
 Concen: 80.793 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:	139	Resp:	233817
Ion Ratio	Lower	Upper	
139	100		
109	68.9	34.1	74.1
65	103.3	31.4	71.4#





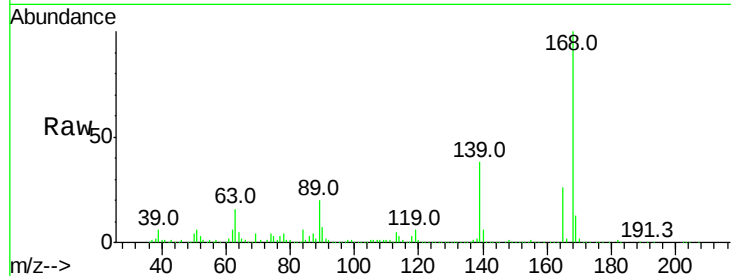
#56
 2,4-Dinitrotoluene
 Concen: 45.014 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.9	25.4	38.0#
89	78.3	46.4	69.6#
182	2.4	1.8	2.6

Manual Integrations
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 9/15/2017 5:43:51 PM

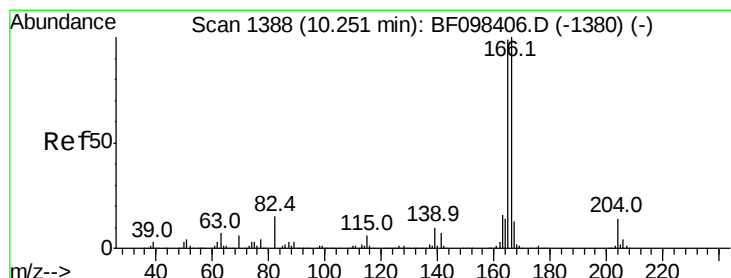
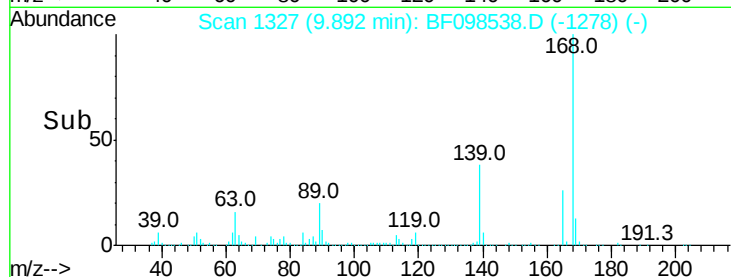
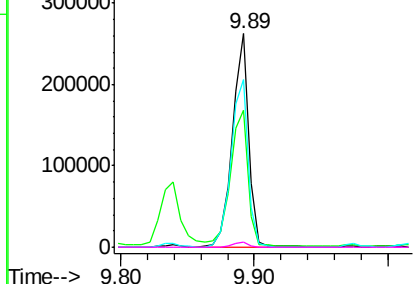


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



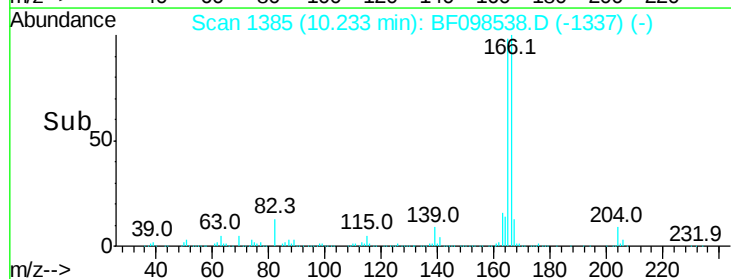
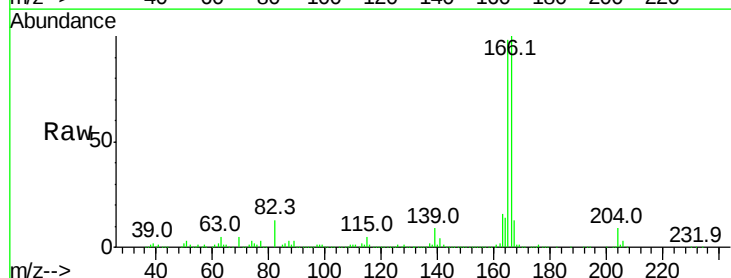
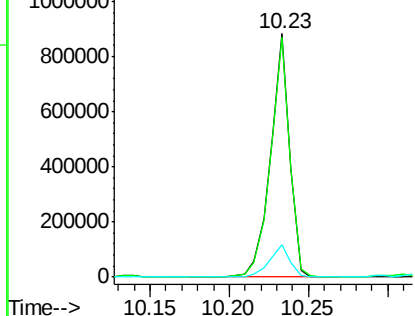
#57
 Fluorene
 Concen: 43.166 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

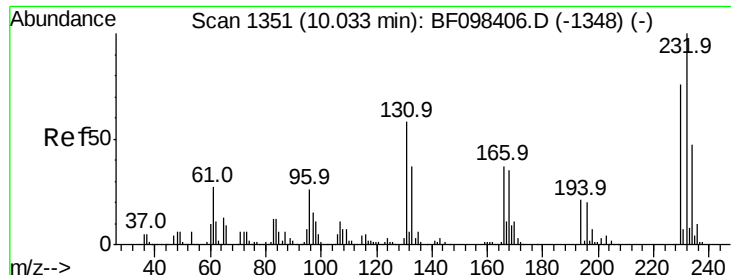
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.1	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





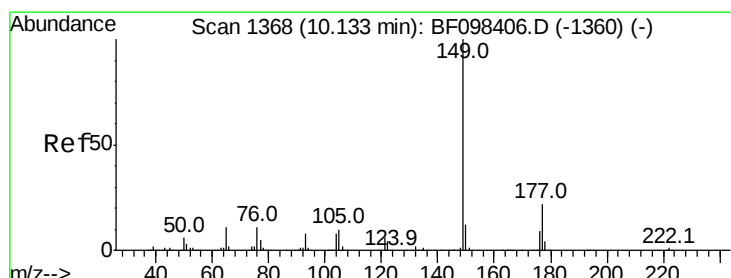
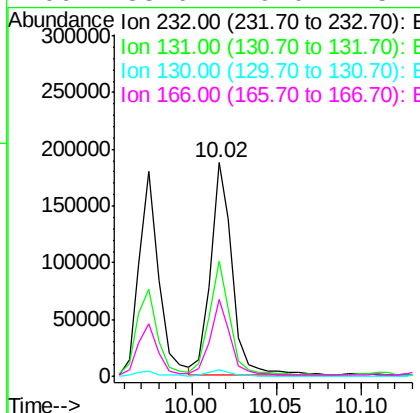
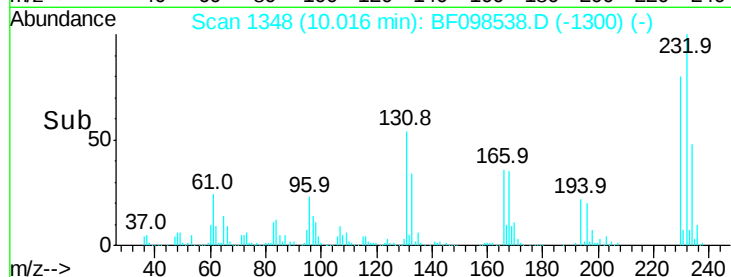
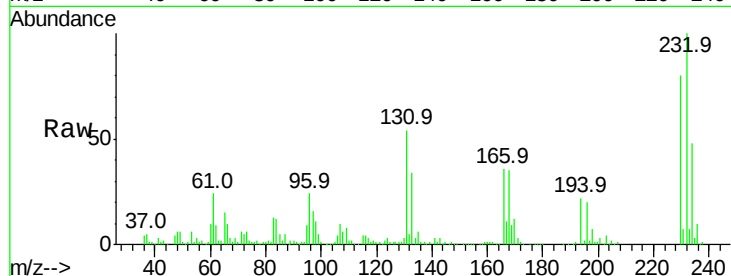
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.799 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion:	232	Resp:	167967
Ion Ratio	Lower	Upper	
232	100		
131	52.0	44.8	67.2
130	2.9	2.3	3.5
166	33.6	29.0	43.4

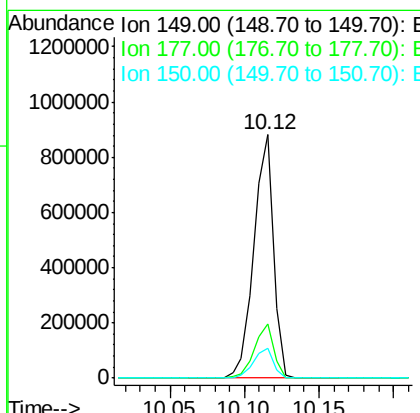
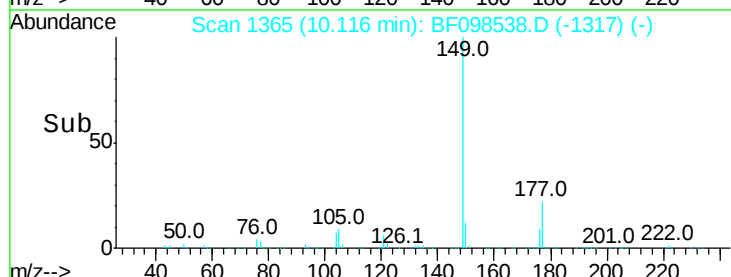
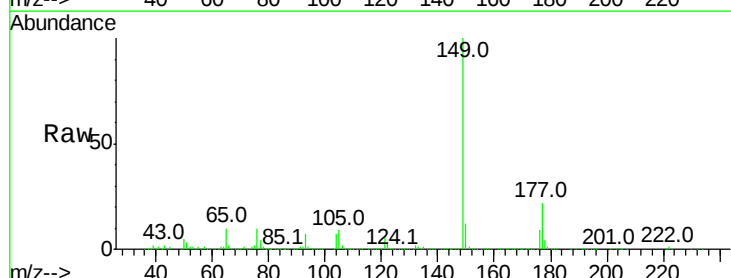
Manual Integrations
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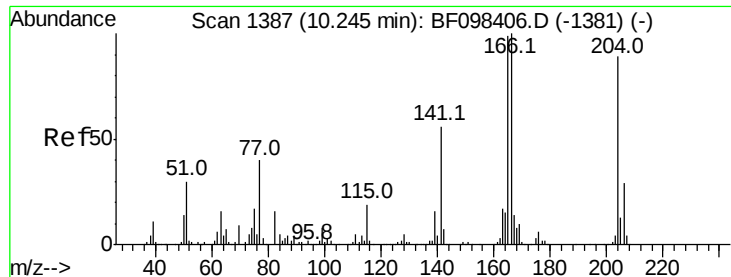
Sohil
 9/15/2017 5:43:51 PM



#59
 Diethylphthalate
 Concen: 40.932 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion:	149	Resp:	790800
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.7	25.1
150	12.0	10.2	15.2





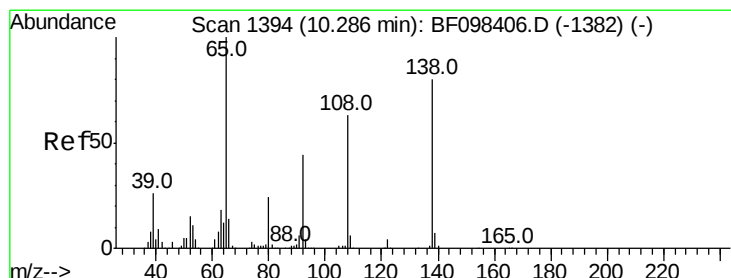
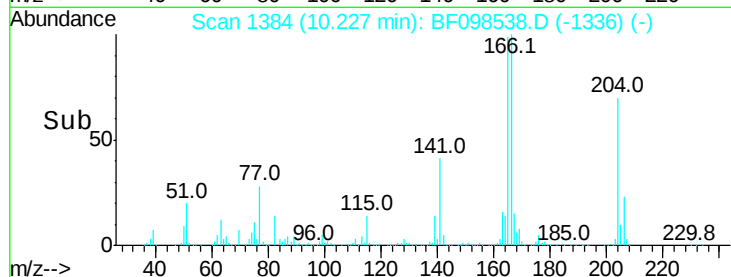
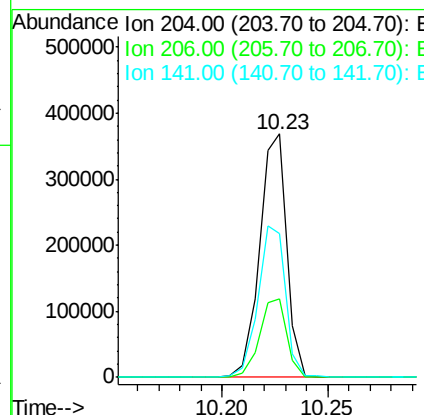
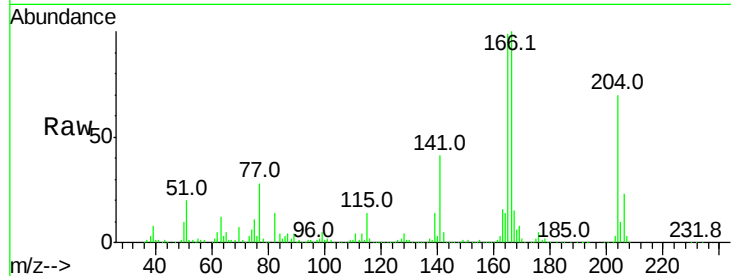
#60
4-Chlorophenyl-phenylether
Concen: 41.252 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	59.0	60.8	91.2#

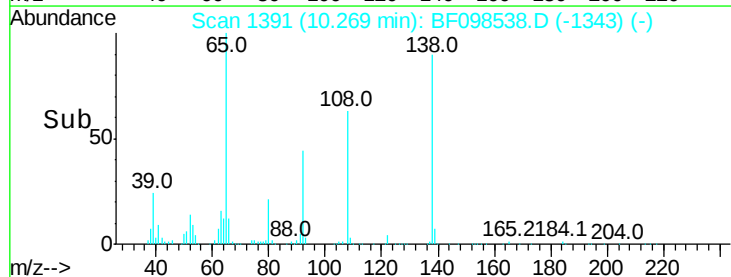
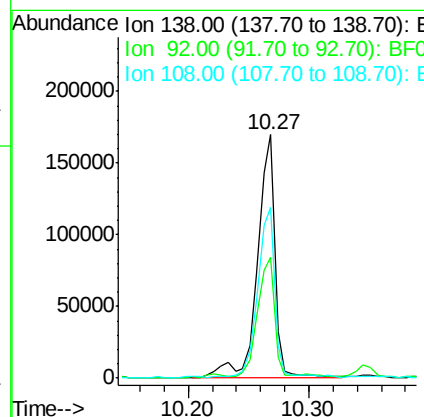
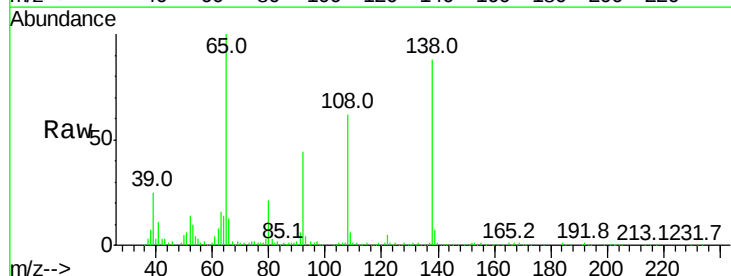
Manual Integrations
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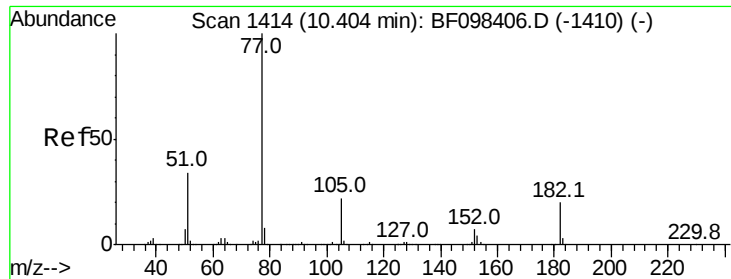
Sohil
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#61
4-Nitroaniline
Concen: 33.780 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	21.8	61.8
108	70.3	42.3	82.3





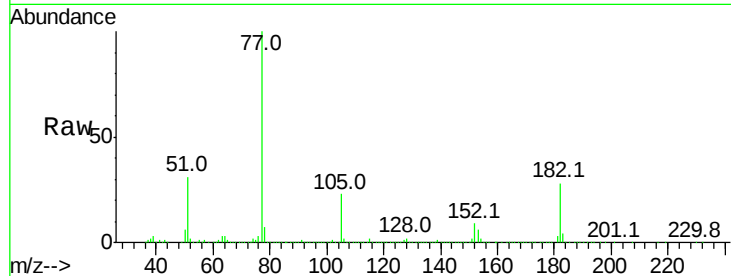
#62
Azobenzene
Concen: 35.885 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

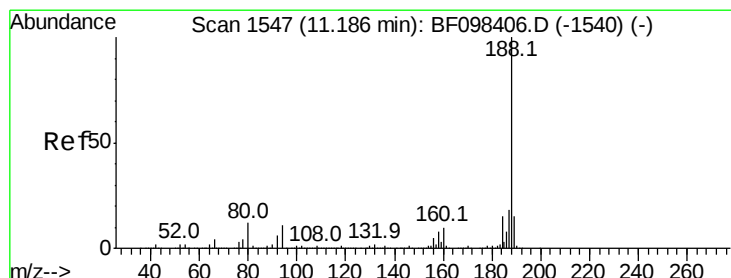
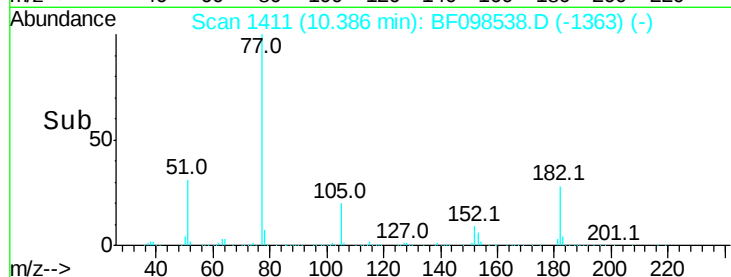
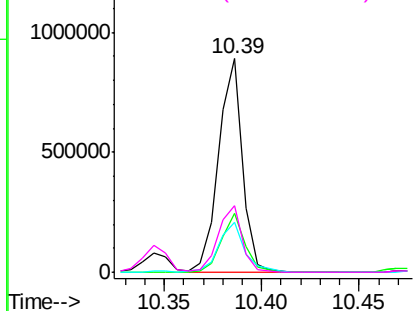
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	0.1	40.1
105	23.1	3.6	43.6
51	31.0	9.4	49.4

Manual Integrations
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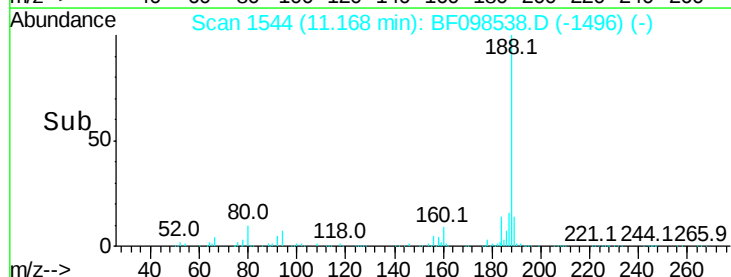
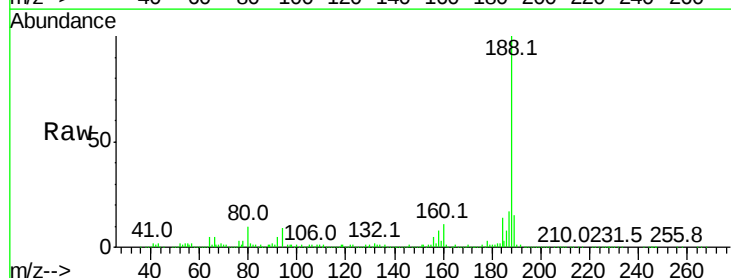
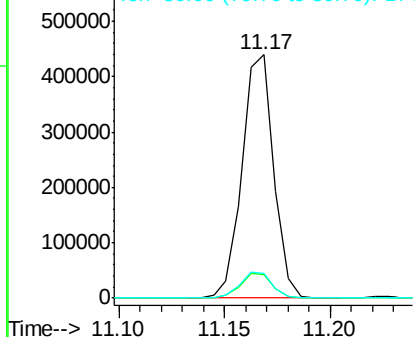
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

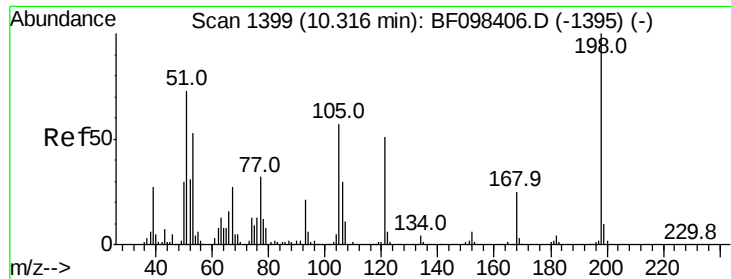


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.3	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





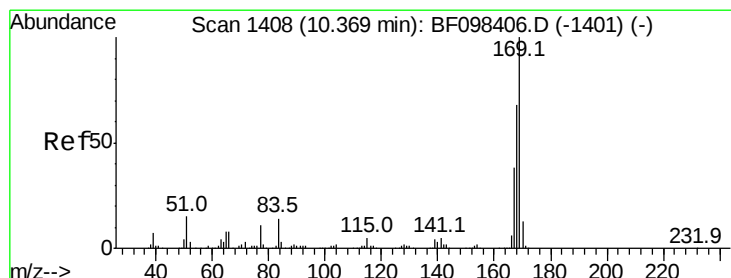
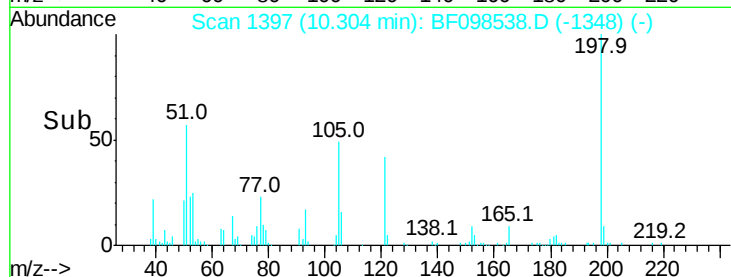
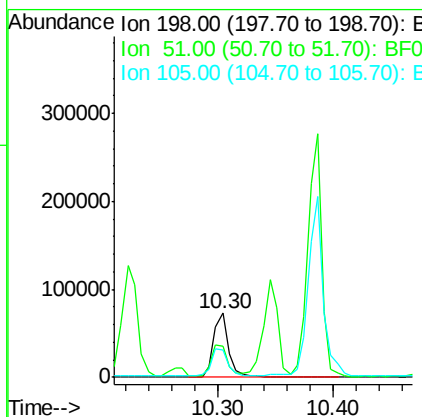
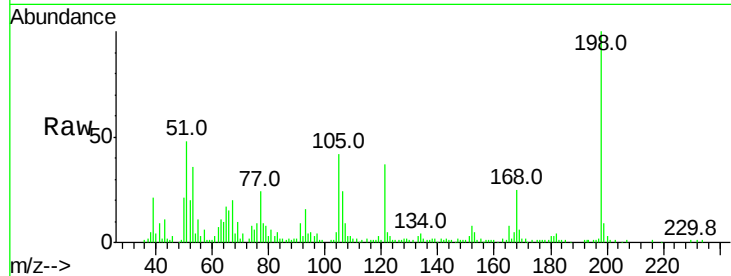
#64
4,6-Dinitro-2-methylphenol
Concen: 26.613 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	53.2	93.2#
105	42.1	45.8	85.8#

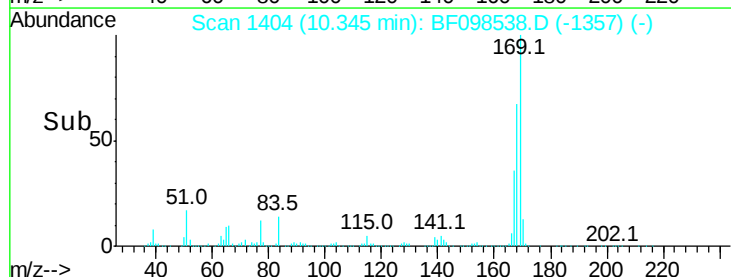
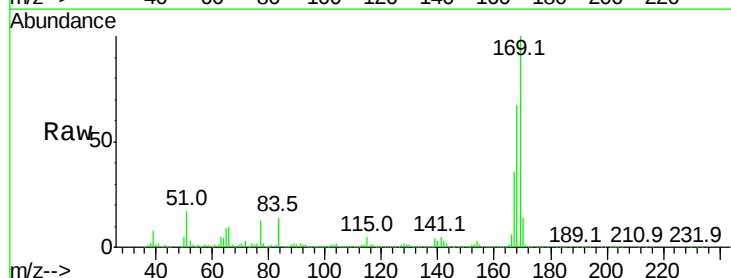
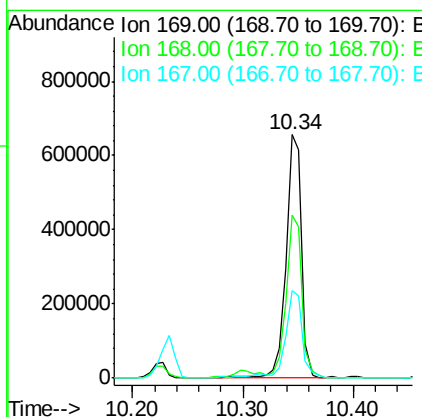
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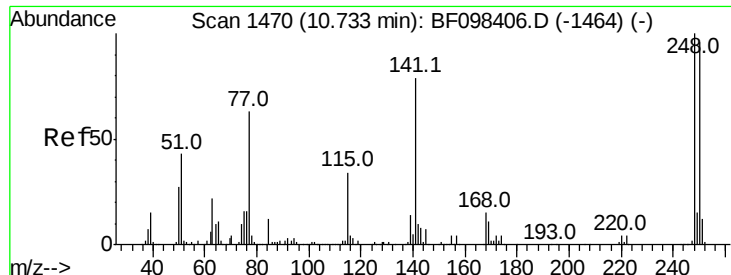
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 43.112 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.0	29.5	44.3





#66

4-Bromophenyl-phenylether

Concen: 44.838 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

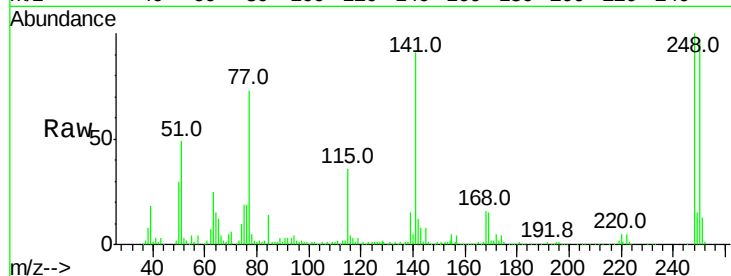
ClientSampleId :

RL-15-0-17.5MS

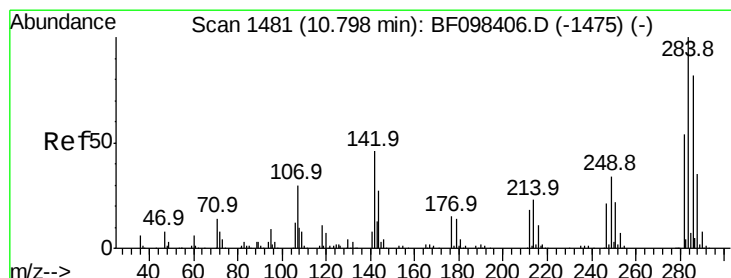
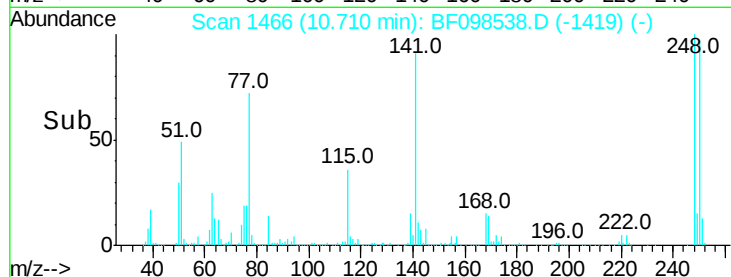
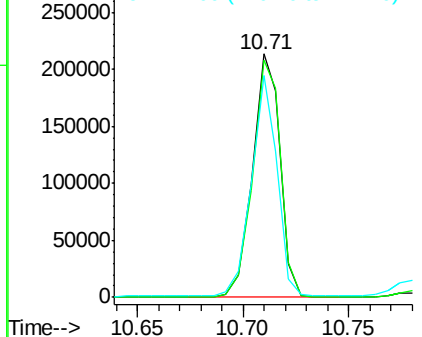
Tot Ion:	248	Resp:	193615
Ion Ratio	Lower	Upper	
248	100		
250	97.4	76.8	115.2
141	91.3	68.6	103.0

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



#67

Hexachlorobenzene

Concen: 42.042 ng

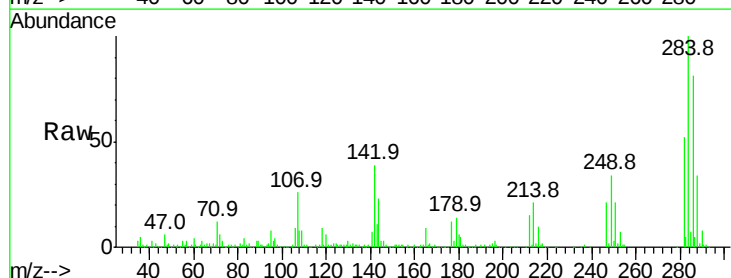
RT: 10.78 min Scan# 1478

Delta R.T. -0.02 min

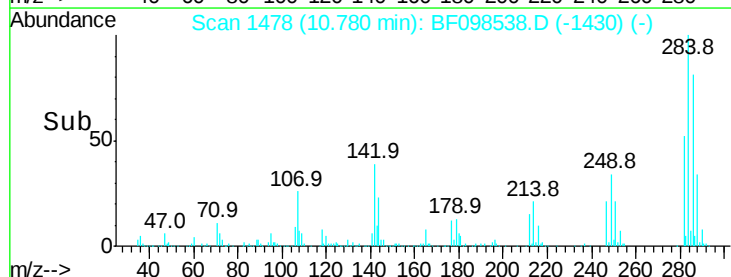
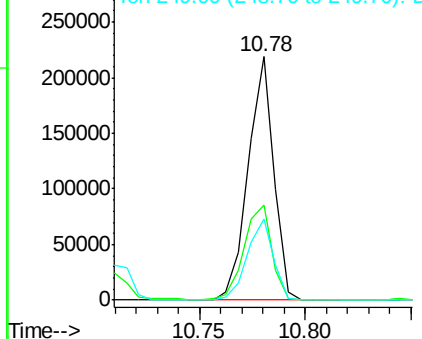
Lab File: BF098538.D

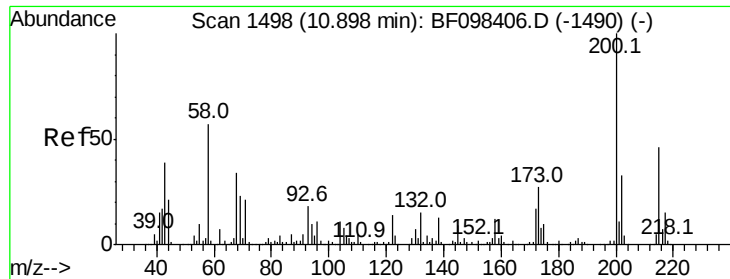
Acq: 14 Sep 2017 19:59

Tgt Ion:	284	Resp:	184142
Ion Ratio	Lower	Upper	
284	100		
142	39.0	22.8	34.2#
249	33.5	24.0	36.0



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





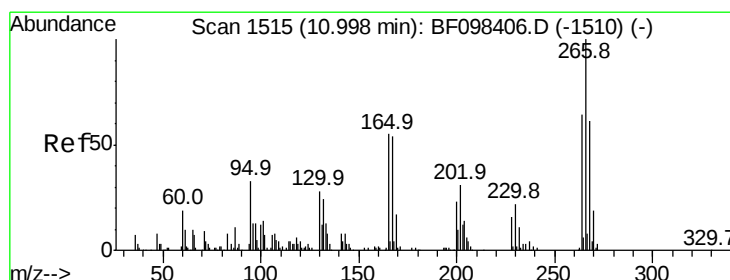
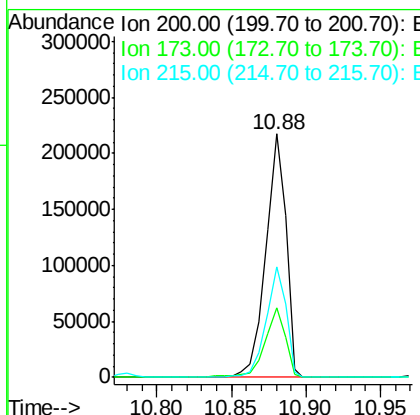
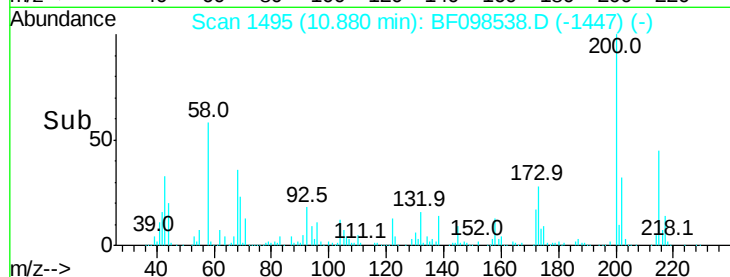
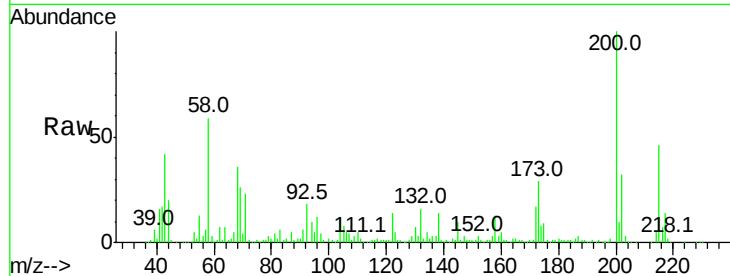
#68
Atrazine
Concen: 44.353 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.7	6.3	46.3
215	45.6	27.2	67.2

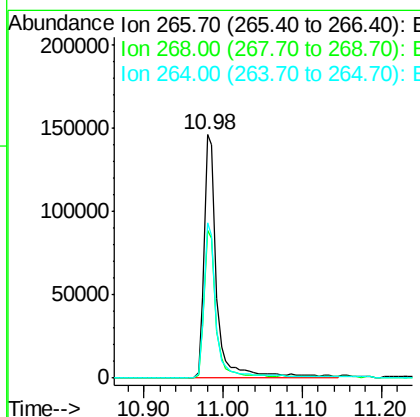
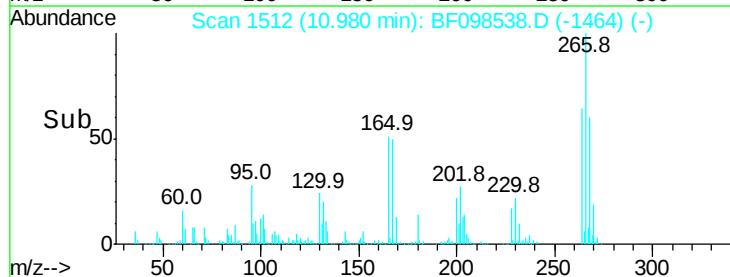
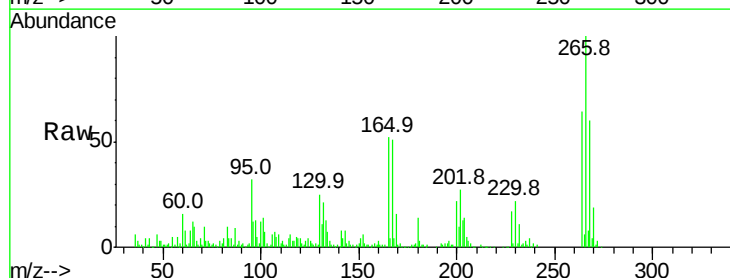
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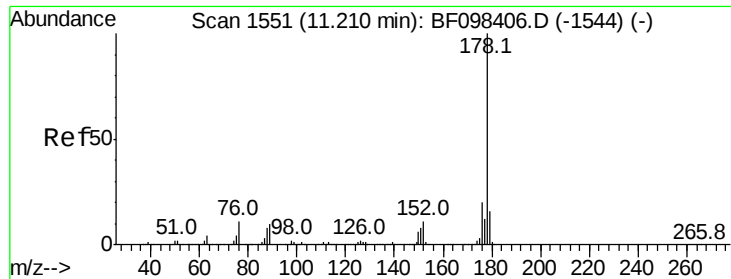
Sohil
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#69
Pentachlorophenol
Concen: 86.605 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.4	51.1	76.7
264	63.7	51.7	77.5





#70

Phenanthrene

Concen: 72.703 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

ClientSampleId :

RL-15-0-17.5MS

Tot Ion:178 Resp: 1753540

Ion Ratio Lower Upper

178 100

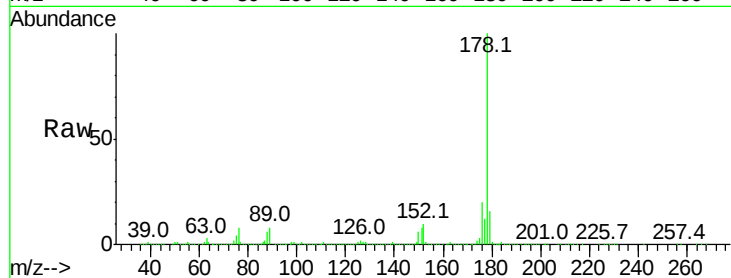
176 19.5 16.2 24.4

179 15.5 12.6 19.0

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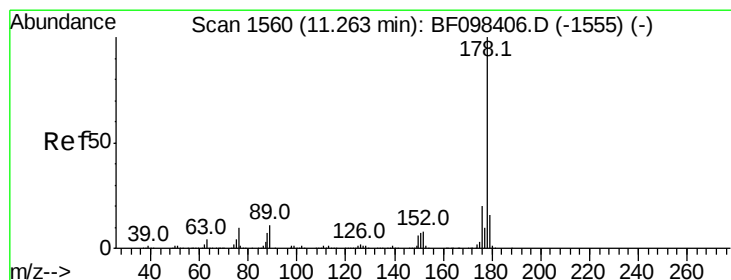
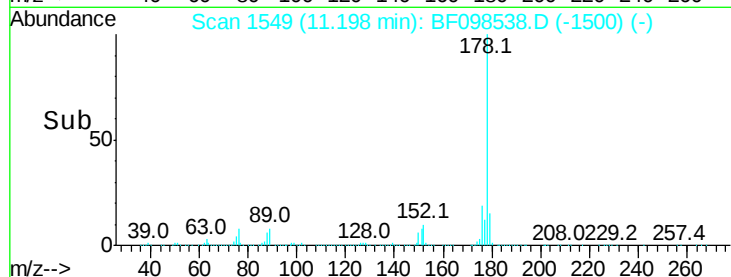
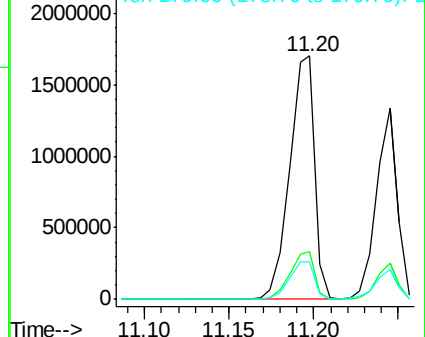
9/15/2017 5:43:51 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.857 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:178 Resp: 1135565

Ion Ratio Lower Upper

178 100

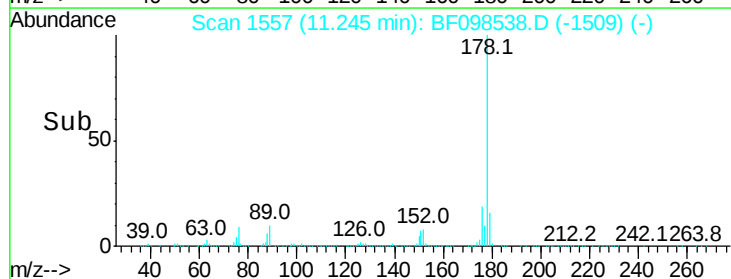
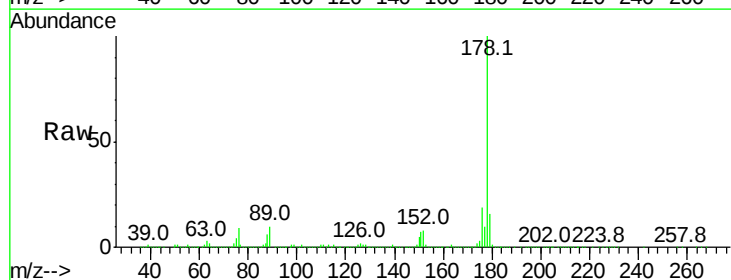
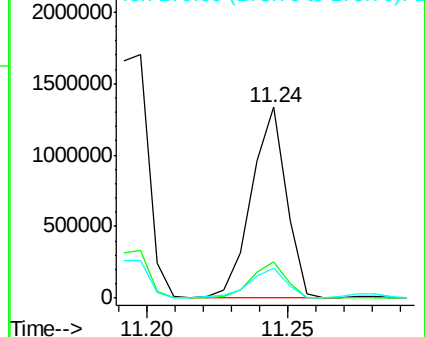
176 19.1 15.8 23.8

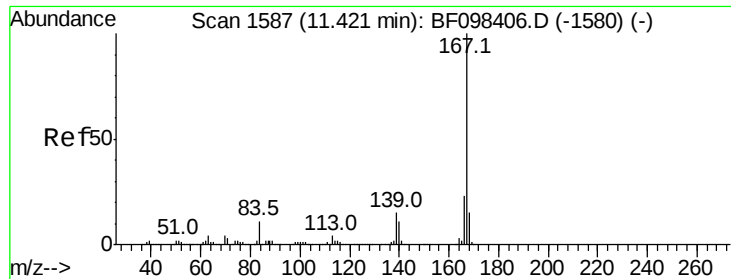
179 15.6 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





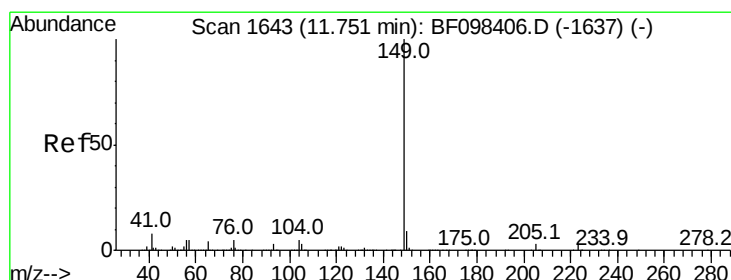
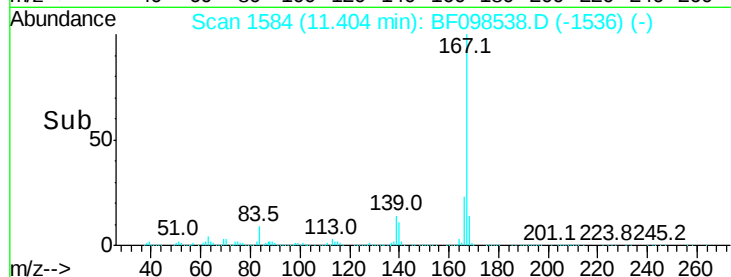
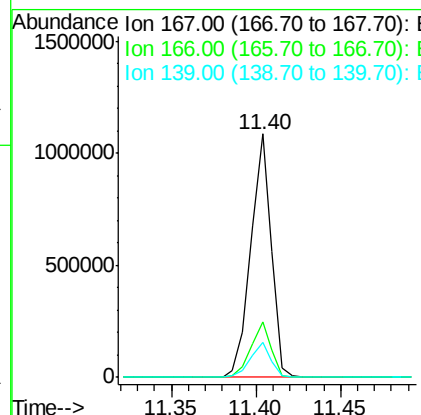
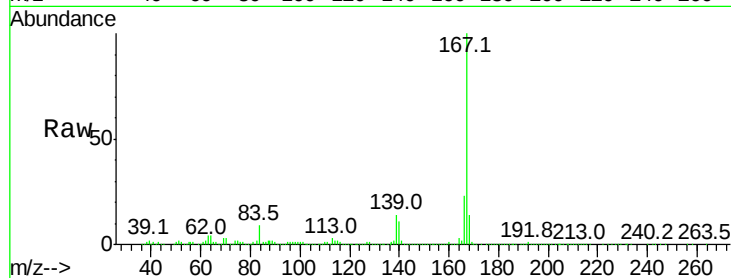
#72
 Carbazole
 Concen: 39.952 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.1	11.7	17.5

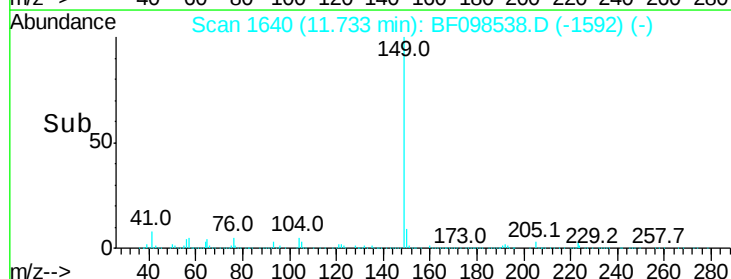
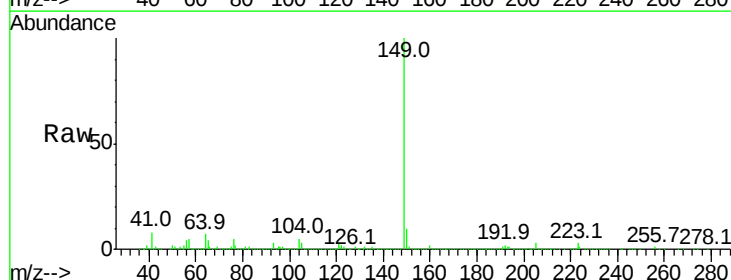
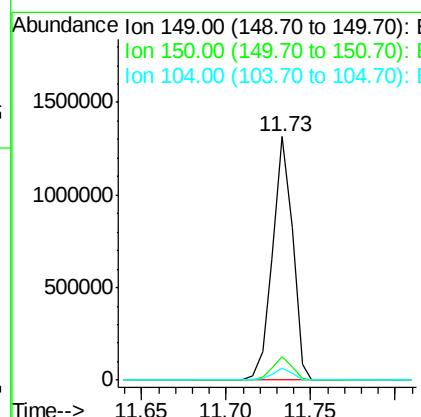
Manual Integrations
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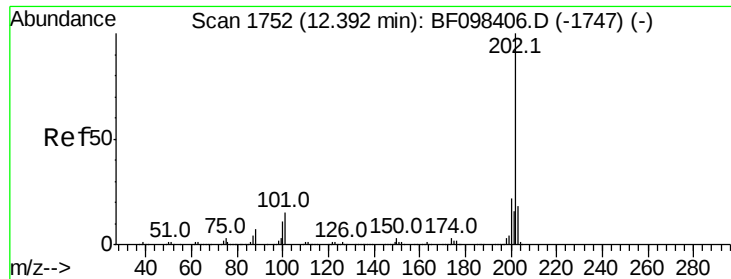
Sohil
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#73
 Di-n-butylphthalate
 Concen: 39.141 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.0	6.0





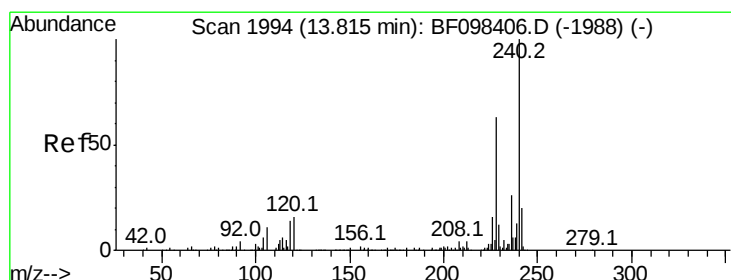
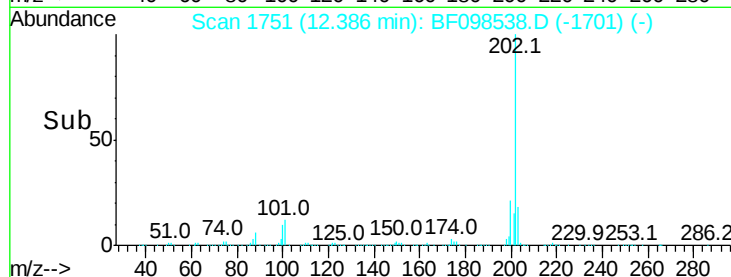
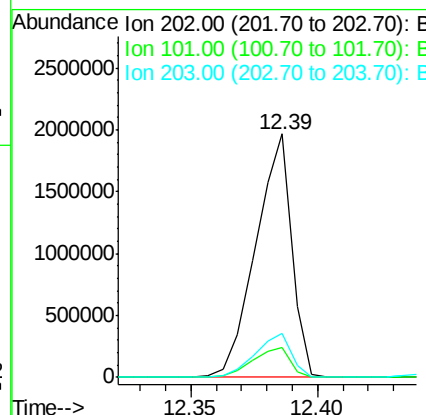
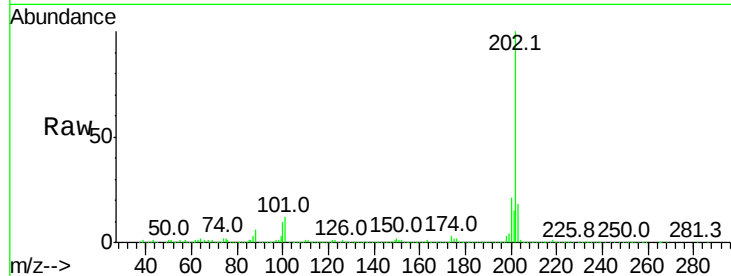
#74
Fluoranthene
Concen: 80.251 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.2	0.0	38.1

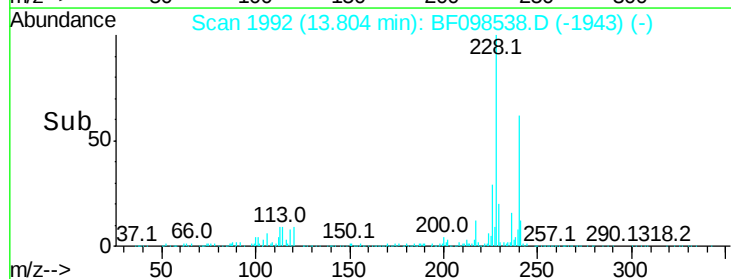
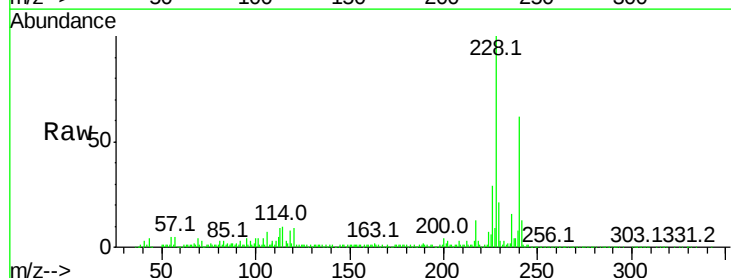
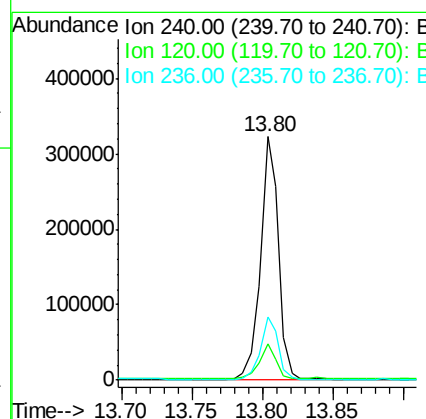
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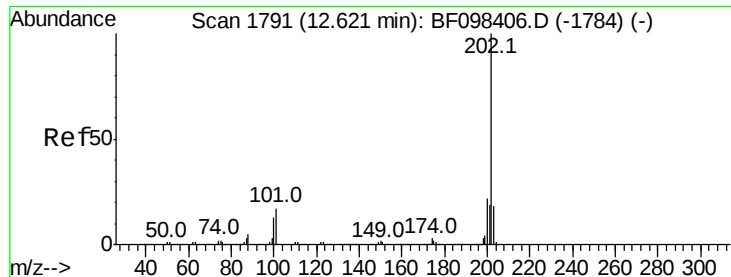
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.8	20.5	30.7





#77

Pvrene

Concen: 77.219 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF098538.D

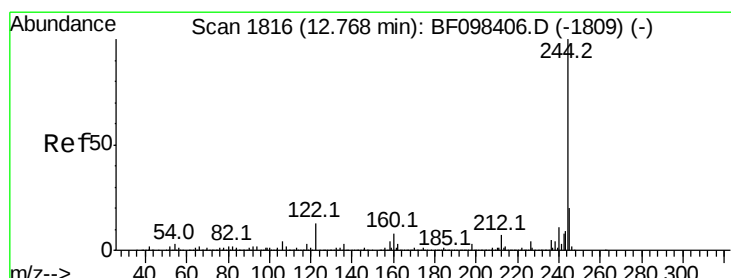
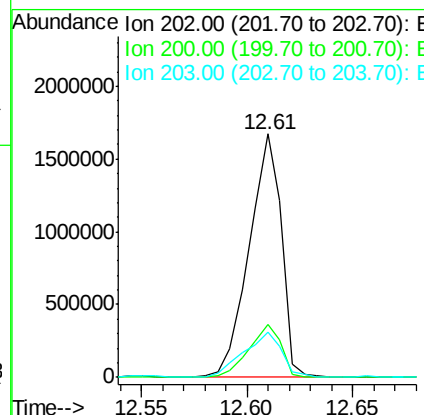
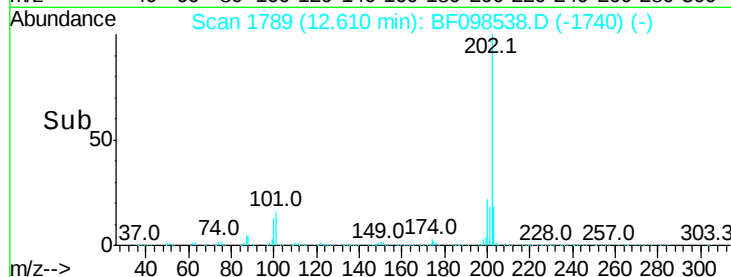
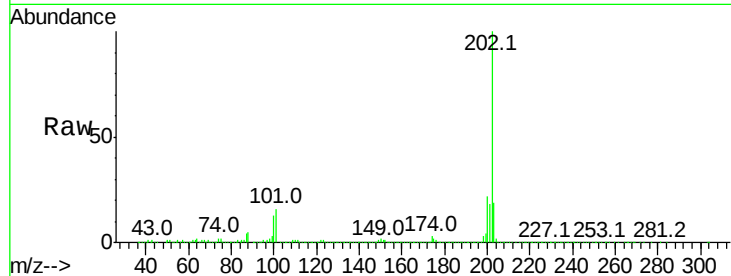
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 69.921 ng

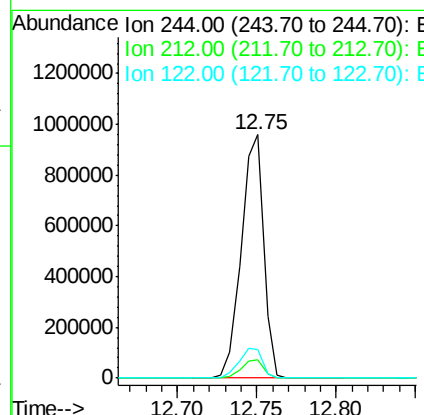
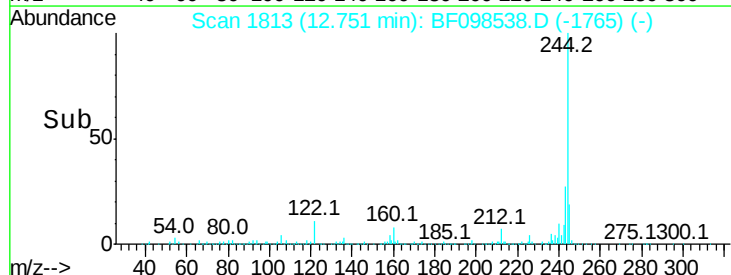
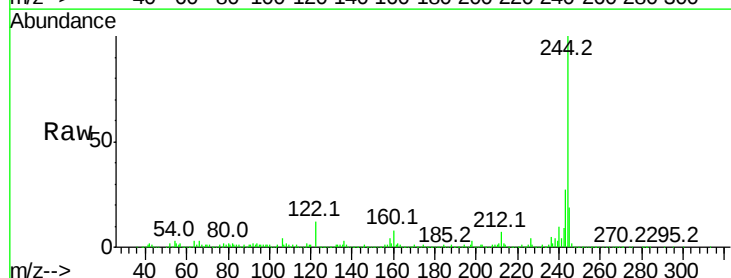
RT: 12.75 min Scan# 1813

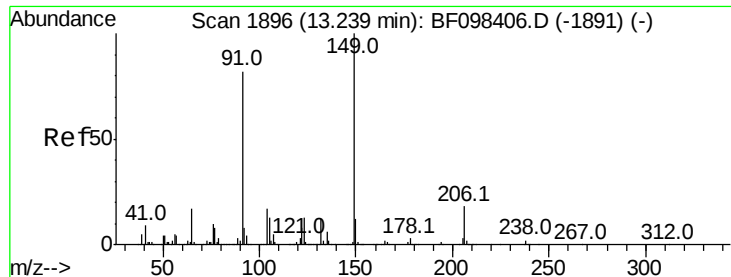
Delta R.T. -0.02 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.7	10.3	15.5





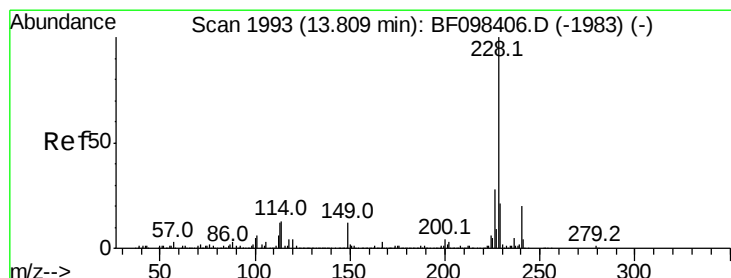
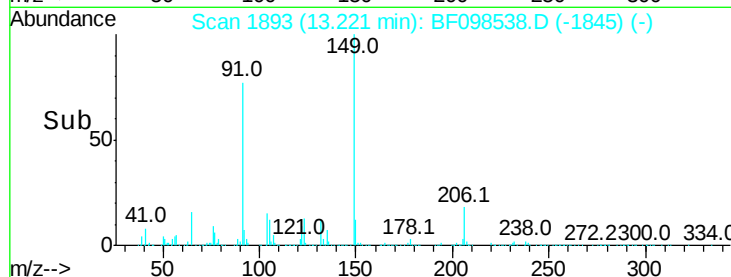
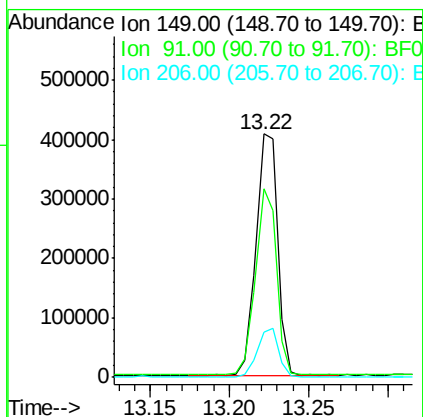
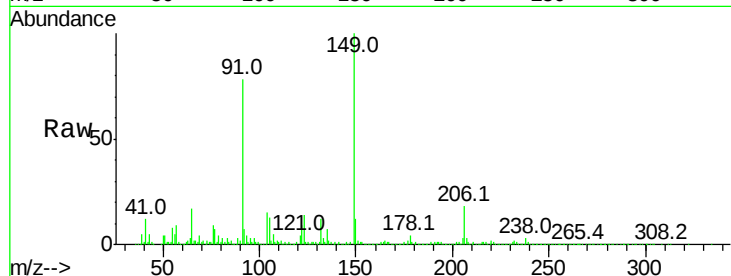
#79
Butylbenzylphthalate
Concen: 39.477 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	390199		
91	77.6	45.0	67.4#	
206	18.3	17.0	25.6	

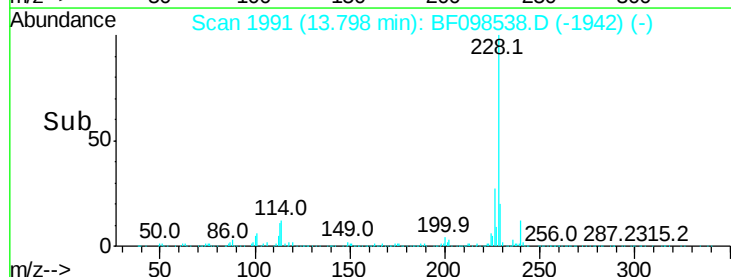
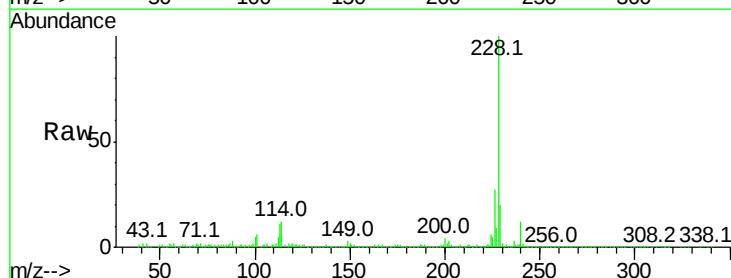
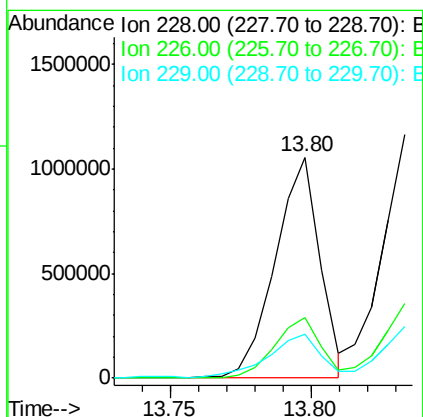
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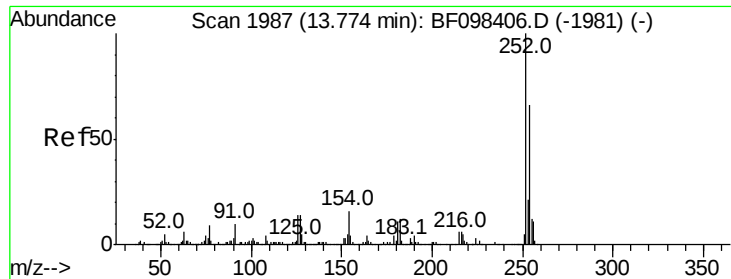
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#80
Benzo(a)anthracene
Concen: 67.942 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1150458		
226	27.4	22.6	33.8	
229	20.0	16.3	24.5	





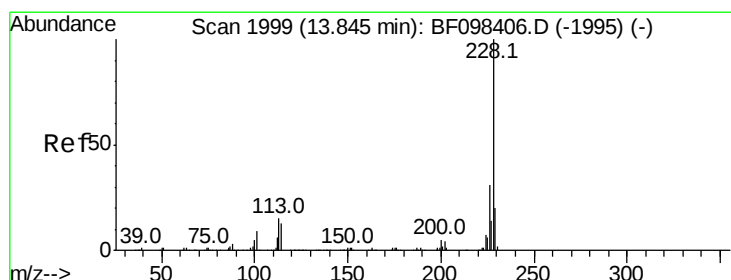
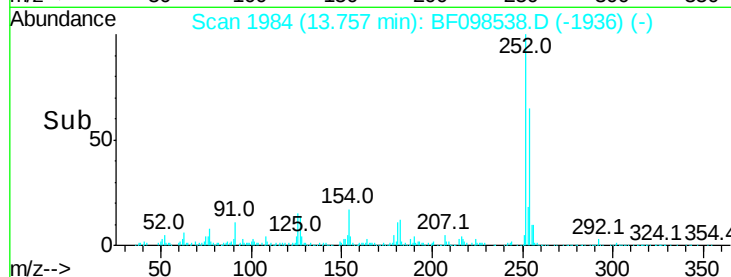
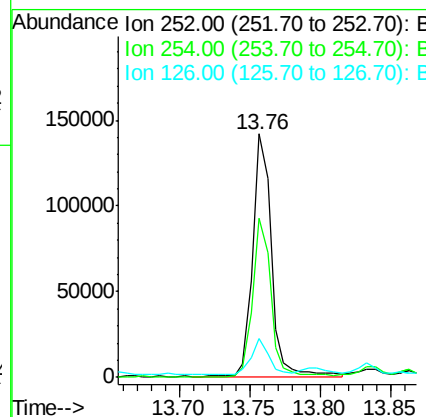
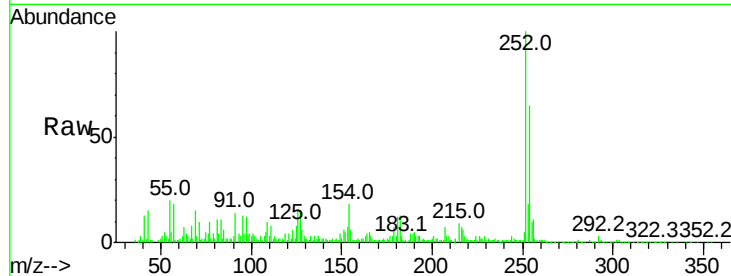
#81
 3,3'-Dichlorobenzidine
 Concen: 20.182 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	51.5	77.3
126	15.8	15.8	23.8

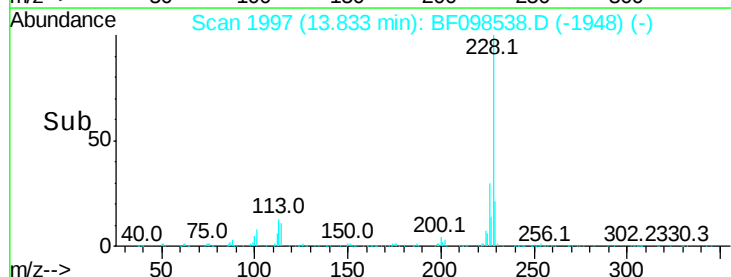
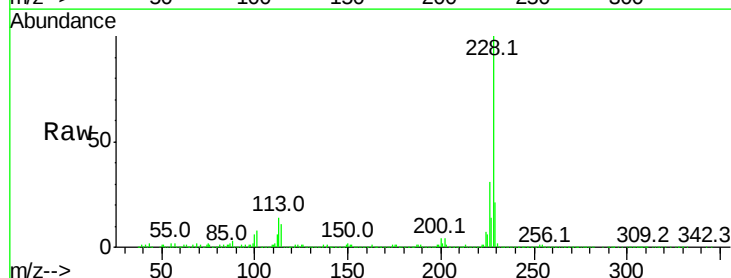
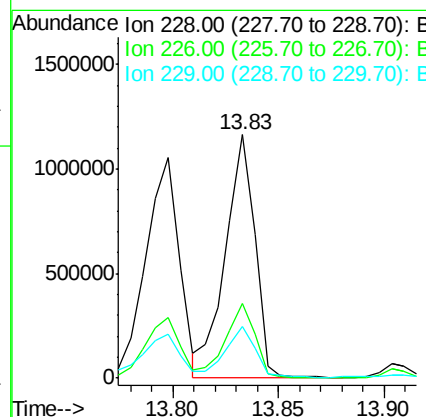
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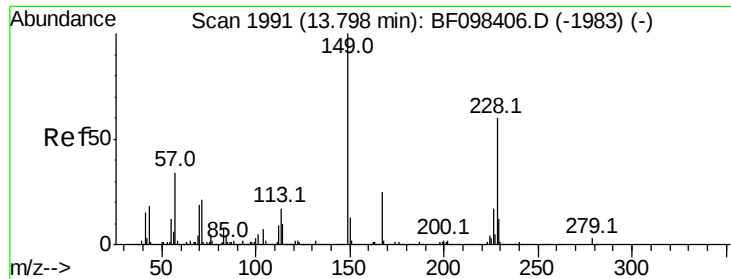
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#82
 Chrysene
 Concen: 65.430 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.1	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.966 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

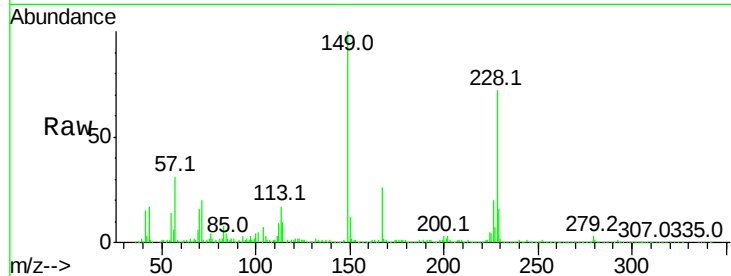
ClientSampleId :

RL-15-0-17.5MS

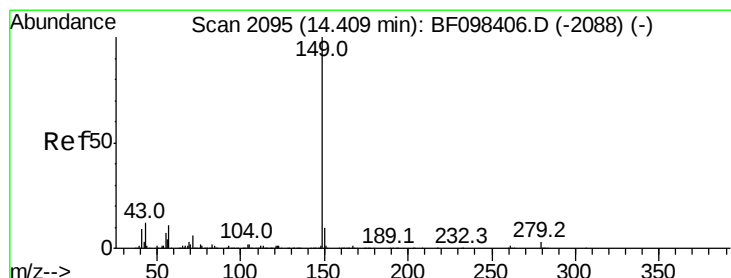
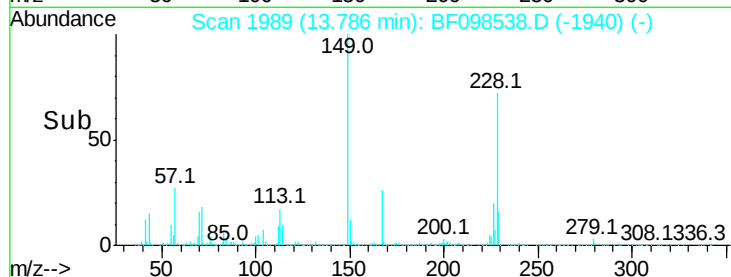
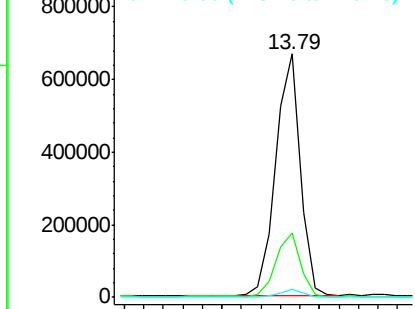
Tot Ion:	149	Resp:	582622
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.0	31.4
279	3.1	1.9	2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.588 ng

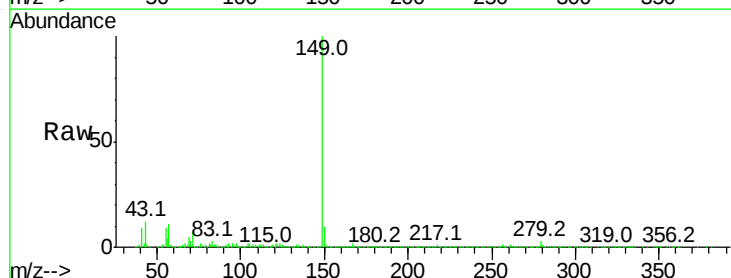
RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

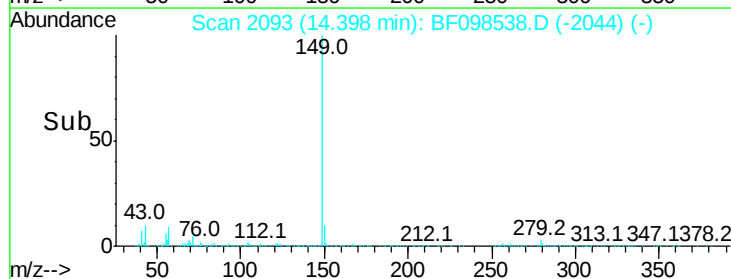
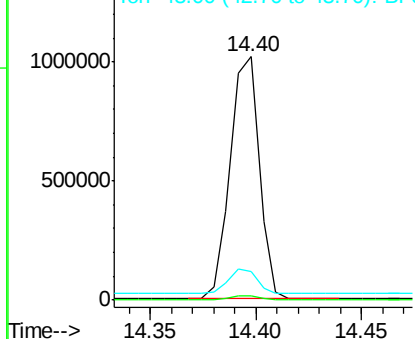
Lab File: BF098538.D

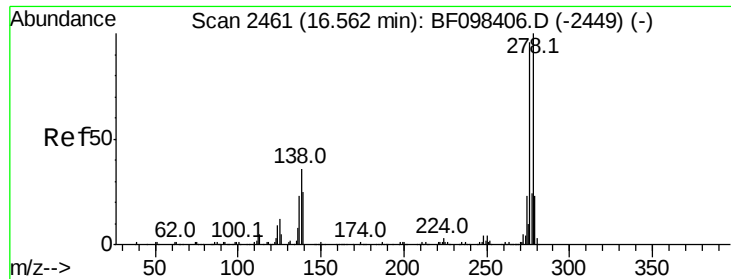
Acq: 14 Sep 2017 19:59

Tgt Ion:	149	Resp:	970284
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.7	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 76.889 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Instrument :

BNA_F

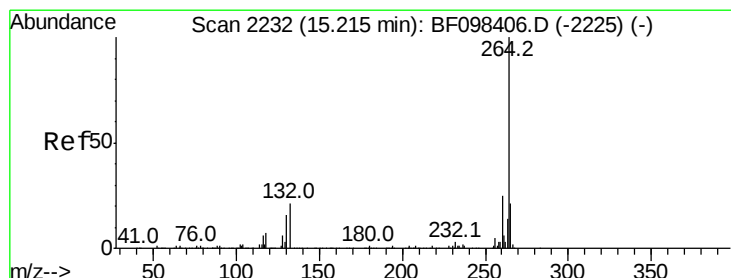
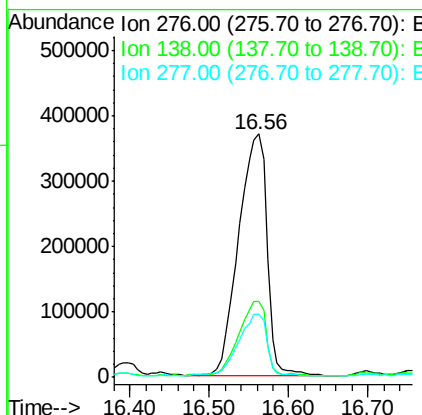
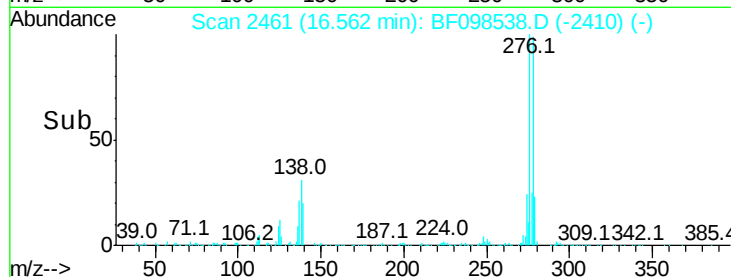
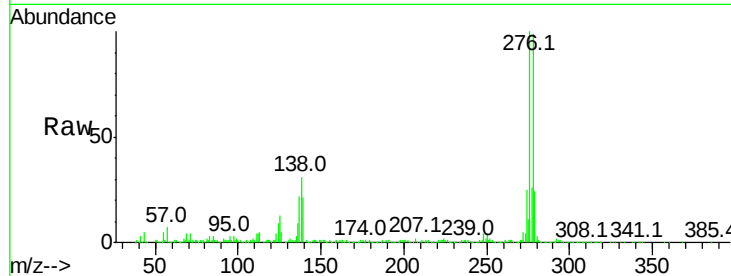
ClientSampleId :

RL-15-0-17.5MS

Tot Ion:	276	Resp:	923342
Ion Ratio		Lower	Upper
276	100		
138	29.0	27.8	41.6
277	25.4	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

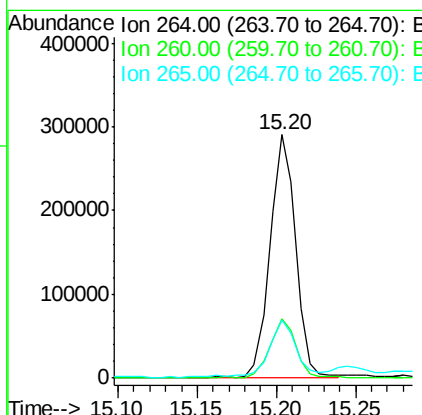
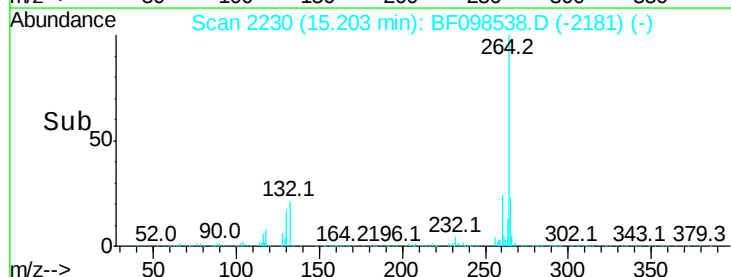
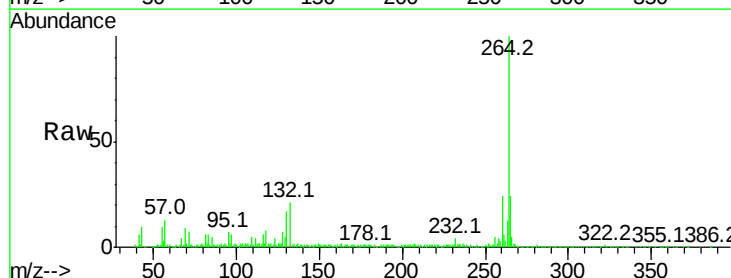
RT: 15.20 min Scan# 2230

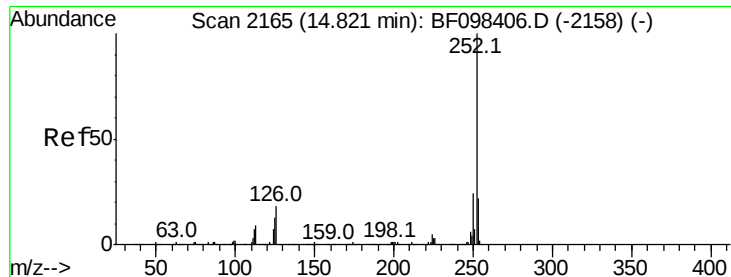
Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion:	264	Resp:	328429
Ion Ratio		Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.6	17.2	25.8





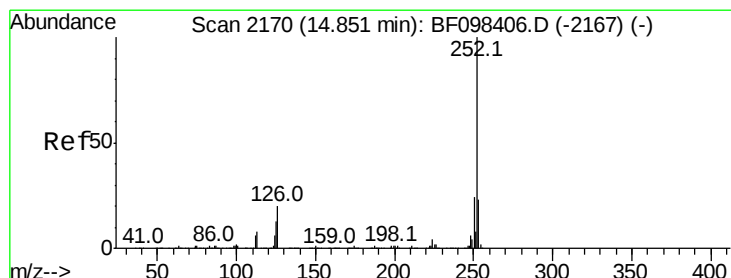
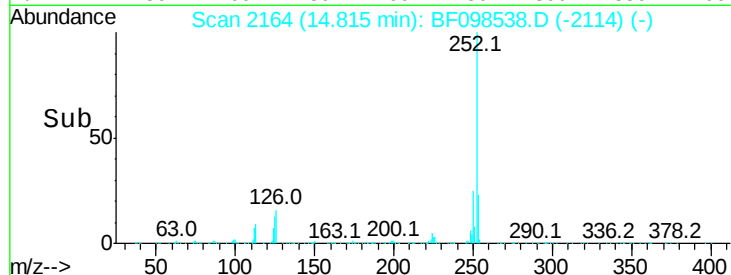
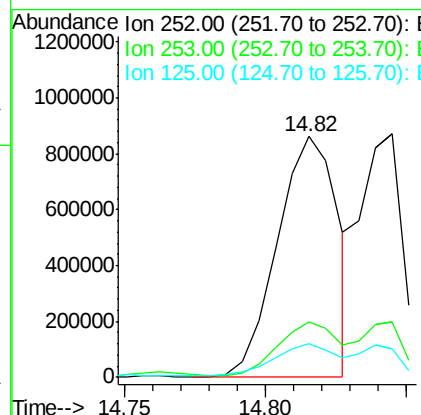
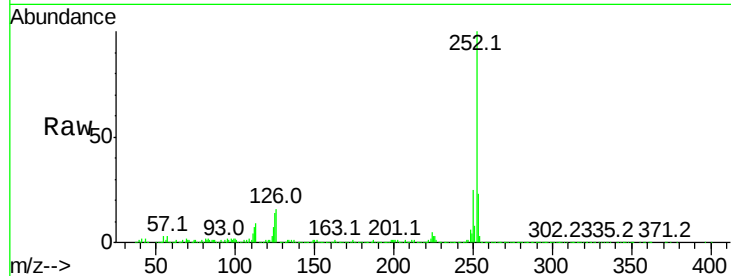
#87
Benzo(b)fluoranthene
Concen: 61.429 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Instrument :
BNA_F
ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.8	9.8	14.8

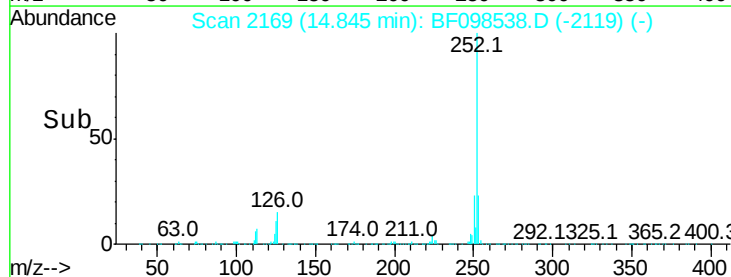
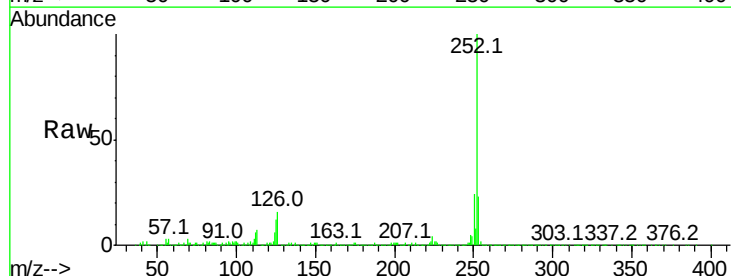
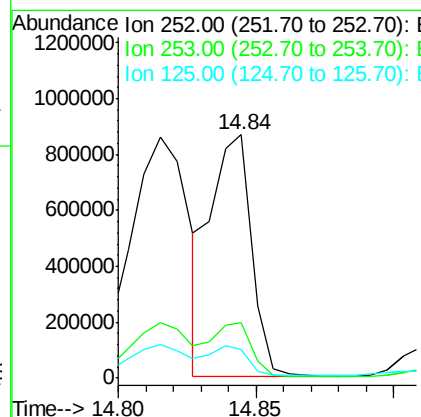
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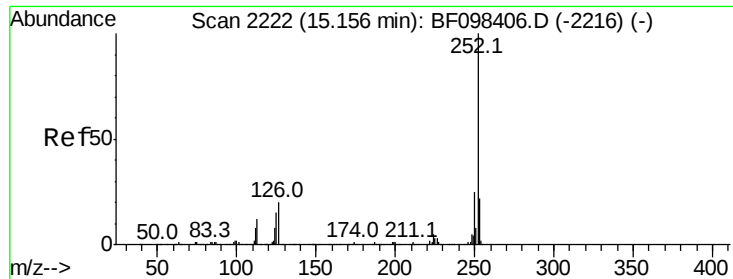
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#88
Benzo(k)fluoranthene
Concen: 46.389 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098538.D
Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	12.0	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 60.559 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

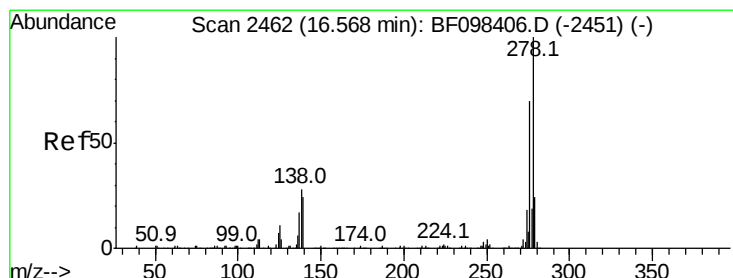
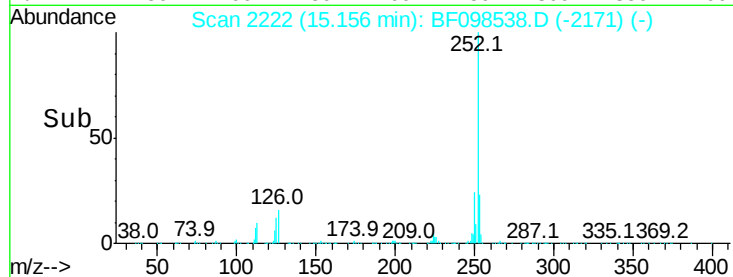
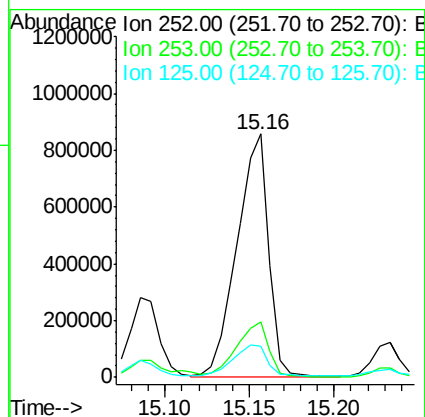
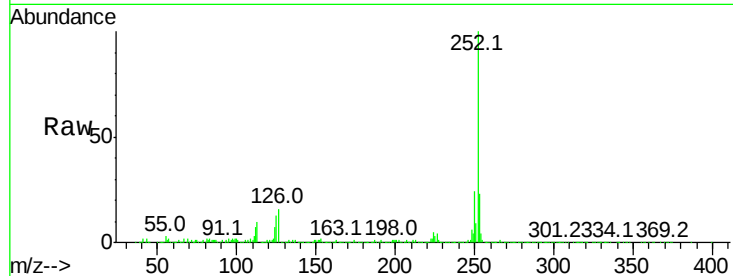
Instrument :
BNA_F

ClientSampleId :
RL-15-0-17.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.0	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 45.921 ng

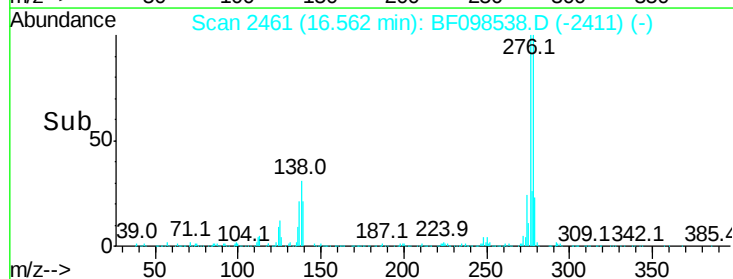
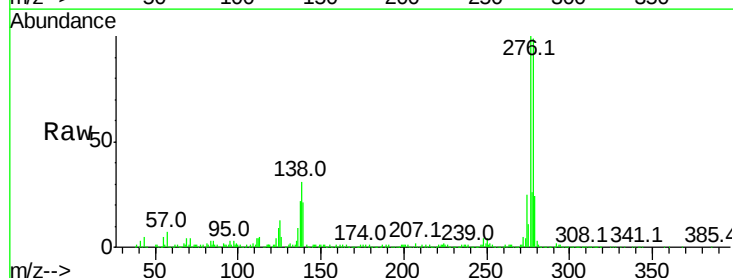
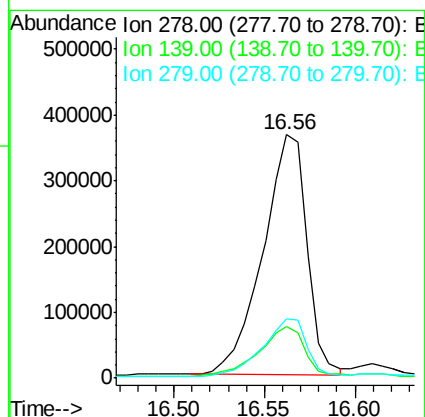
RT: 16.56 min Scan# 2461

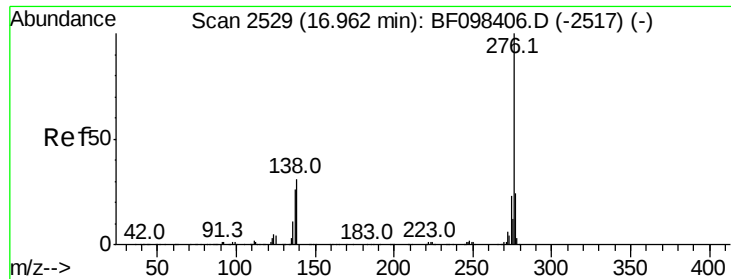
Delta R.T. -0.01 min

Lab File: BF098538.D

Acq: 14 Sep 2017 19:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 56.541 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098538.D
 Acq: 14 Sep 2017 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RL-15-0-17.5MS

Tot Ion:	276	Resp:	761090
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.6	28.0
138	27.7	25.4	38.0

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