

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098463.D
 Acq On : 12 Sep 2017 21:14
 Operator : SJ/JU
 Sample : I5140-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:12 PM

Quant Time: Sep 13 02:05:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	191339	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	757326	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	295491	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	470733	20.00	ng	0.00
75) Chrysene-d12	13.82	240	337917	20.00	ng	0.00
86) Perylene-d12	15.22	264	275207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1265003	97.75	ng	0.00
7) Phenol-d6	6.32	99	1545258	94.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	949097	69.87	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	193988	98.36	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1327522	76.15	ng	-0.01
78) Terphenyl-d14	12.76	244	932215	59.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	191836	28.720	ng	89
3) Pyridine	3.03	79	491876	27.730	ng	# 82
4) n-Nitrosodimethylamine	2.99	42	262317	30.164	ng	96
6) Aniline	6.33	93	400397	19.424	ng	# 14
8) 2-Chlorophenol	6.46	128	462306	32.487	ng	98
9) Benzaldehyde	6.21	77	101355	9.436	ng	88
10) Phenol	6.33	94	626764	32.841	ng	90
11) bis(2-Chloroethyl)ether	6.40	93	476651	33.125	ng	93
12) 1,3-Dichlorobenzene	6.60	146	469071	32.749	ng	98
13) 1,4-Dichlorobenzene	6.68	146	473560	32.278	ng	94
14) 1,2-Dichlorobenzene	6.83	146	446395	33.397	ng	98
15) Benzyl Alcohol	6.82	79	378361	34.600	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	759644	32.085	ng	59
17) 2-Methylphenol	6.94	107	366279	31.565	ng	# 90
18) Hexachloroethane	7.17	117	147843	26.313	ng	# 83
19) n-Nitroso-di-n-propylamine	7.09	70	337803	32.684	ng	96
20) 3+4-Methylphenols	7.09	107	503509	34.384	ng	# 65
22) Acetophenone	7.08	105	661772	33.810	ng	# 92
24) Nitrobenzene	7.25	77	502211	32.456	ng	99
25) Isophorone	7.49	82	889146	32.350	ng	100
26) 2-Nitrophenol	7.57	139	205681	32.922	ng	# 84
27) 2,4-Dimethylphenol	7.62	122	363998	30.563	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	582842	34.753	ng	100
29) 2,4-Dichlorophenol	7.82	162	348090	35.142	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	373388	34.654	ng	99
31) Naphthalene	7.97	128	1299081	34.699	ng	100
32) Benzoic acid	7.72	122	20295	10.088	ng	96
33) 4-Chloroaniline	8.03	127	321042	21.099	ng	99
34) Hexachlorobutadiene	8.09	225	186677	33.749	ng	98
35) Caprolactam	8.39	113	109165m	31.960	ng	
36) 4-Chloro-3-methylphenol	8.52	107	373001	30.365	ng	84
37) 2-Methylnaphthalene	8.66	142	801196	35.329	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	320713	34.843	ng	99
40) Hexachlorocyclopentadiene	8.81	237	32467	20.396	ng	97

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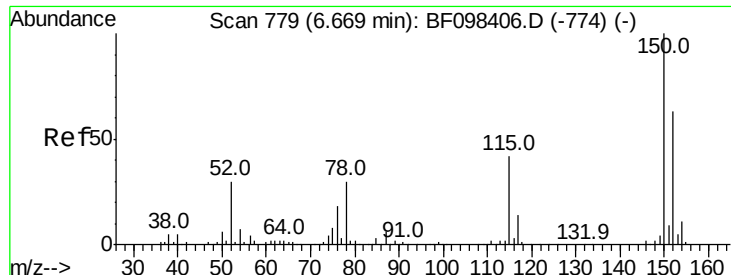
Manual Integrations
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Sohil
 9/13/2017 5:00:12 PM

Quant Time: Sep 13 02:05:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	205414	37.994	nq	92
43) 2,4,5-Trichlorophenol	8.99	196	203708	36.049	nq	97
45) 1,1'-Biphenyl	9.12	154	918097	34.713	nq	97
46) 2-Chloronaphthalene	9.15	162	675200	35.746	nq #	91
47) 2-Nitroaniline	9.25	65	263013	36.279	nq	95
48) Acenaphthylene	9.56	152	979382	34.872	nq	99
49) Dimethylphthalate	9.43	163	991813	43.361	nq	99
50) 2,6-Dinitrotoluene	9.49	165	163423	34.782	nq #	70
51) Acenaphthene	9.73	154	600794	33.653	nq	97
52) 3-Nitroaniline	9.66	138	178846	31.533	nq	97
53) 2,4-Dinitrophenol	9.79	184	5710	10.822	nq #	78
54) Dibenzofuran	9.90	168	839664	35.702	nq	99
55) 4-Nitrophenol	9.85	139	193774	59.467	nq #	54
56) 2,4-Dinitrotoluene	9.90	165	180207	31.548	nq #	50
57) Fluorene	10.24	166	643481	33.056	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	138915	36.579	nq	96
59) Diethylphthalate	10.13	149	761556	35.009	nq	97
60) 4-Chlorophenyl-phenylether	10.24	204	313768	34.897	nq	88
61) 4-Nitroaniline	10.27	138	181444	31.678	nq	89
62) Azobenzene	10.40	77	730102	31.141	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	15490	9.774	nq	90
65) n-Nitrosodiphenylamine	10.36	169	579620	37.921	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	171765	38.446	nq	93
67) Hexachlorobenzene	10.79	284	160316	35.376	nq #	83
68) Atrazine	10.89	200	168409	35.789	nq	96
69) Pentachlorophenol	10.99	266	112197	58.018	nq	94
70) Phenanthrene	11.20	178	942078	37.751	nq	98
71) Anthracene	11.26	178	907383	35.415	nq	98
72) Carbazole	11.42	167	806054	33.757	nq	98
73) Di-n-butylphthalate	11.74	149	1041545	36.406	nq	99
74) Fluoranthene	12.39	202	958794	38.380	nq	98
76) Benzidine	12.52	184	269114	17.995	nq #	93
77) Pyrene	12.62	202	973364	36.514	nq	100
79) Butylbenzylphthalate	13.24	149	417787	36.127	nq #	80
80) Benzo(a)anthracene	13.80	228	729287	36.811	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	234912	30.511	nq #	97
82) Chrysene	13.84	228	708259	35.367	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	566592	39.038	nq #	99
84) Di-n-octyl phthalate	14.40	149	982770	39.466	nq	96
85) Indeno(1,2,3-cd)pyrene	16.56	276	480318	34.186	nq	99
87) Benzo(b)fluoranthene	14.82	252	620286	35.846	nq	97
88) Benzo(k)fluoranthene	14.84	252	561943	34.785	nq	98
89) Benzo(a)pyrene	15.16	252	539540	34.998	nq	97
90) Dibenzo(a,h)anthracene	16.57	278	401604	35.811	nq	98
91) Benzo(g,h,i)perylene	16.96	276	384938	34.127	nq	99

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



#1

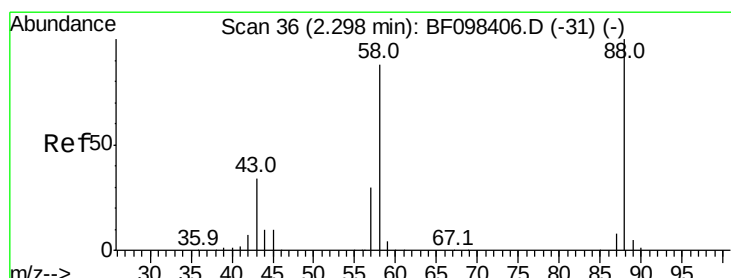
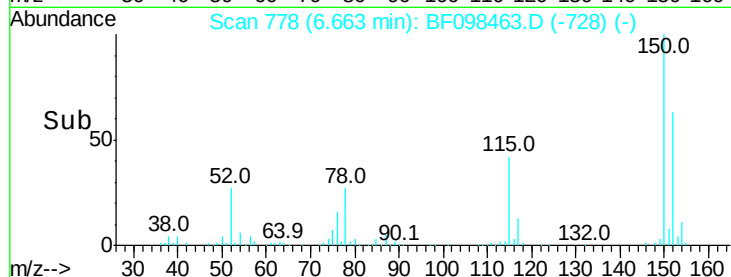
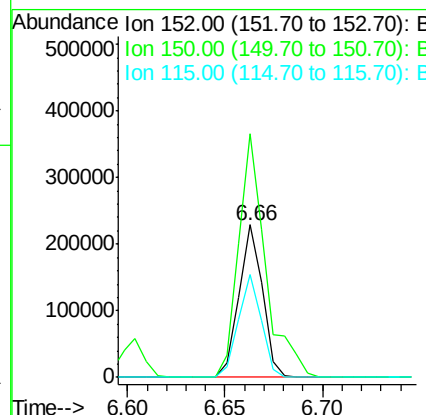
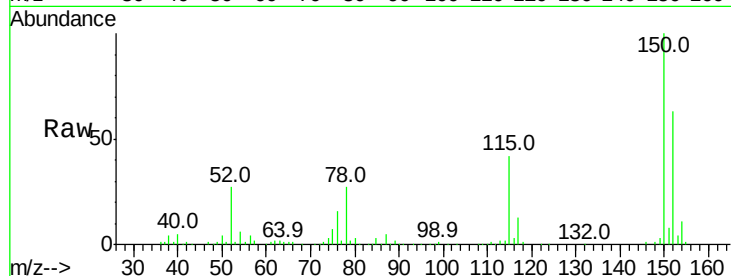
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	67.1	52.2	78.2

Manual Integrations
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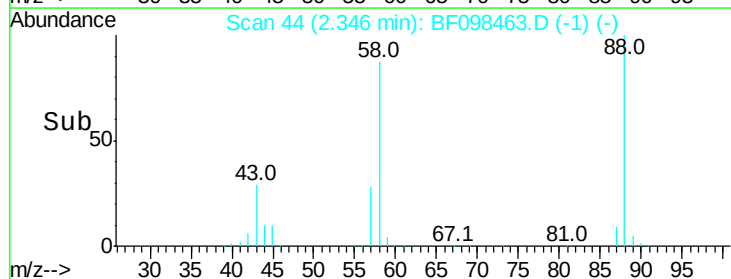
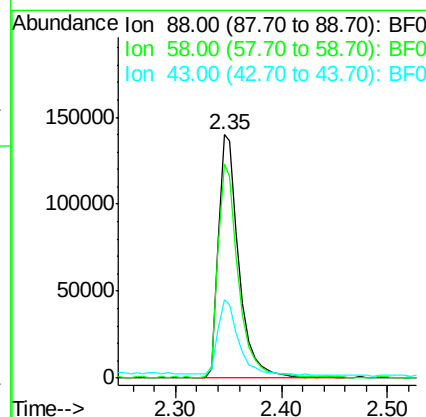
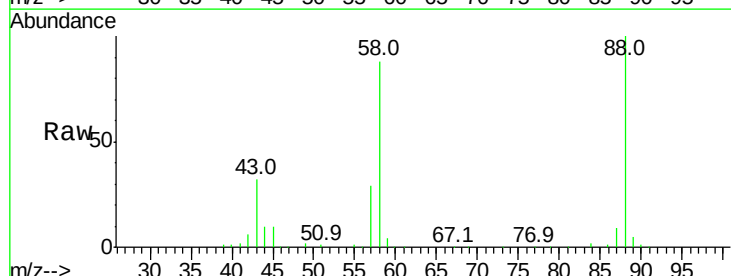
Sohil
9/13/2017 5:00:12 PM

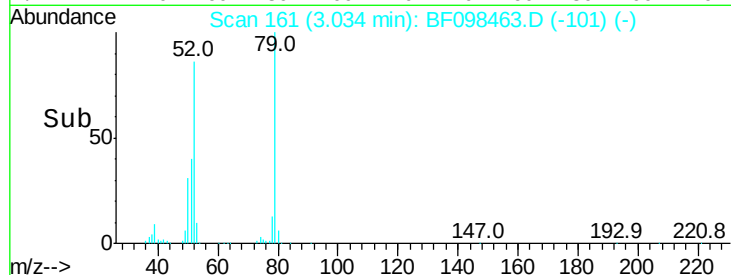
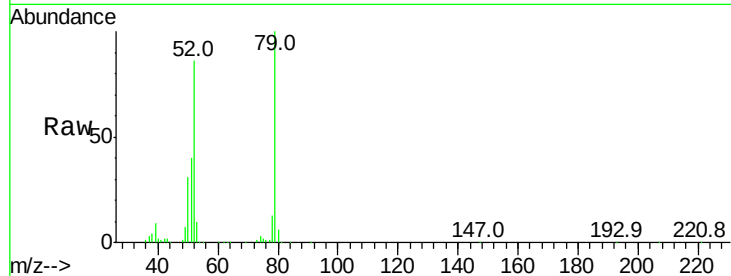
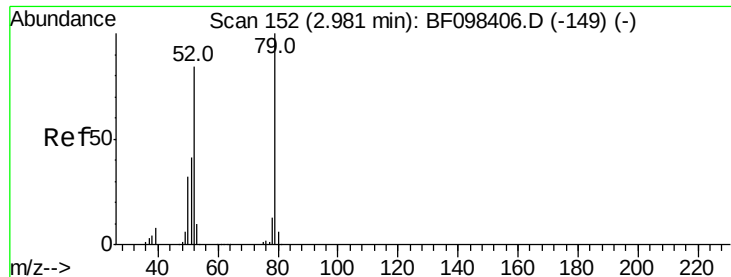


#2

1,4-Dioxane
Concen: 28.720 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	61.4	92.0
43	32.9	23.4	35.0





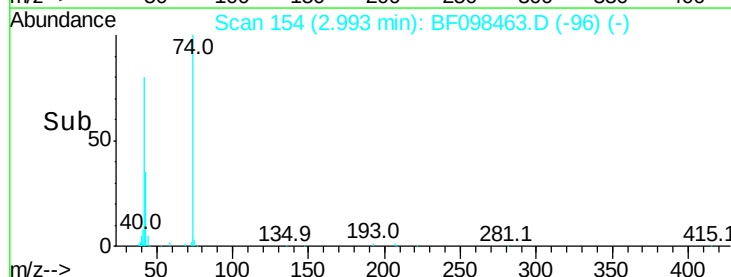
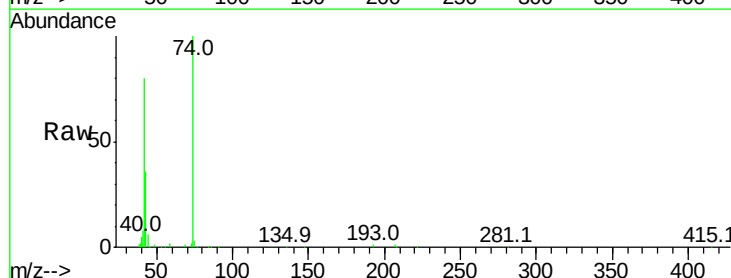
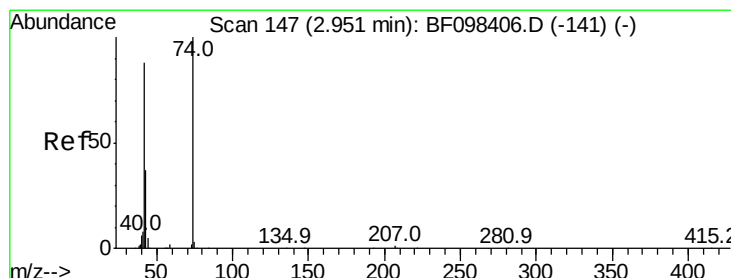
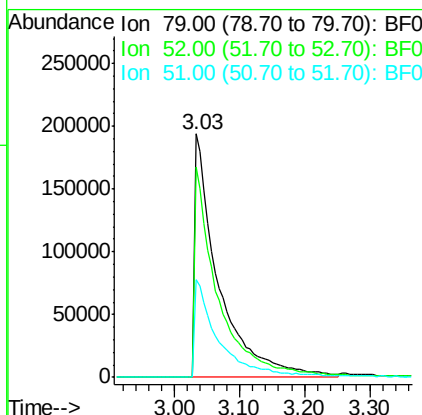
#3
Pvridine
Concen: 27.730 ng
RT: 3.03 min Scan# 161
Delta R.T. 0.05 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.3	54.8	82.2#
51	40.2	27.0	40.4

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

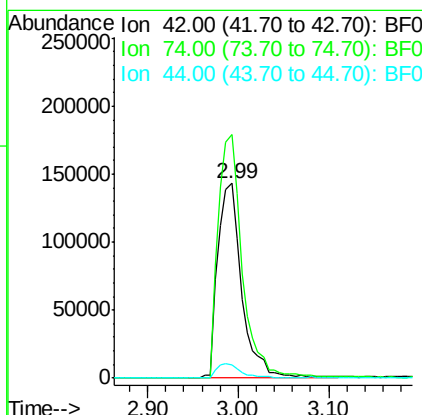
Manual Integrations
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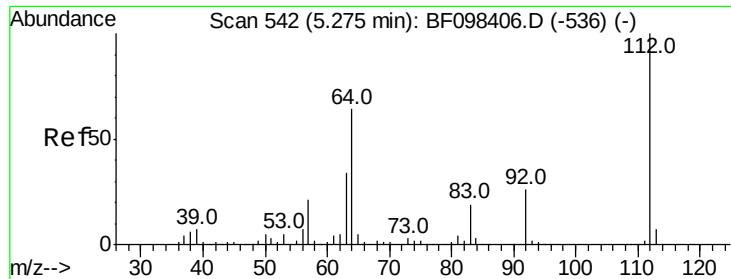
Sohil
9/13/2017 5:00:12 PM



#4
n-Nitrosodimethylamine
Concen: 30.164 ng
RT: 2.99 min Scan# 154
Delta R.T. 0.04 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 97.750 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:112 Resp: 1265003

Ion Ratio Lower Upper

112 100

64 65.5 46.0 69.0

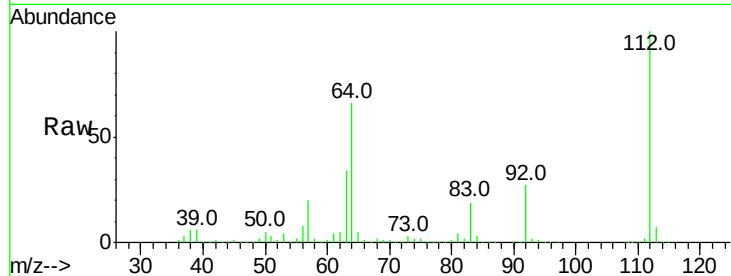
63 33.8 23.4 35.0

Manual Integrations

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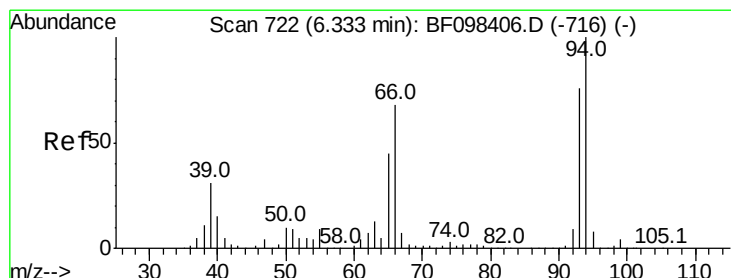
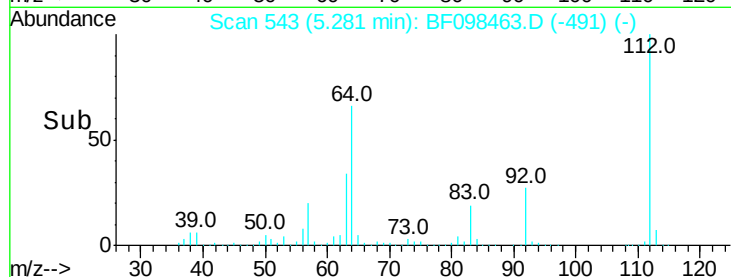
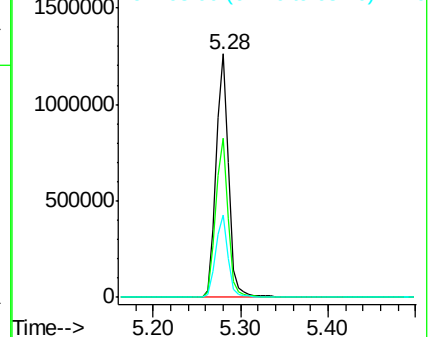
9/13/2017 5:00:12 PM



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



#6

Aniline

Concen: 19.424 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

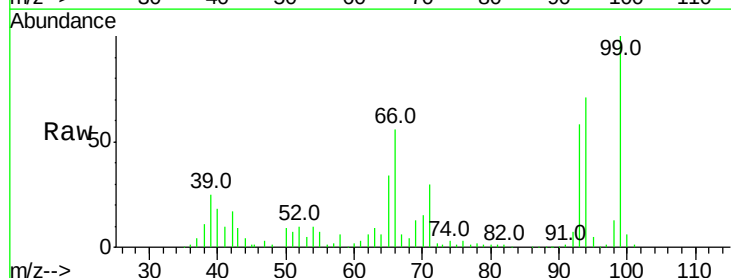
Tgt Ion: 93 Resp: 400397

Ion Ratio Lower Upper

93 100

66 95.6 32.9 49.3#

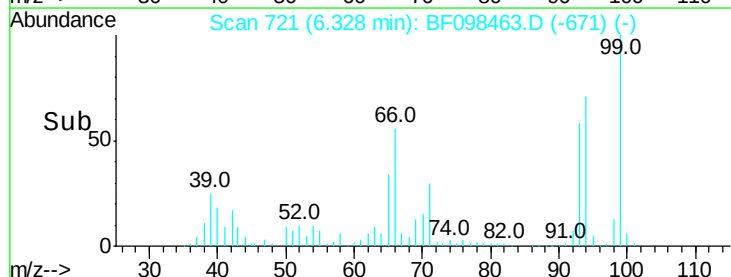
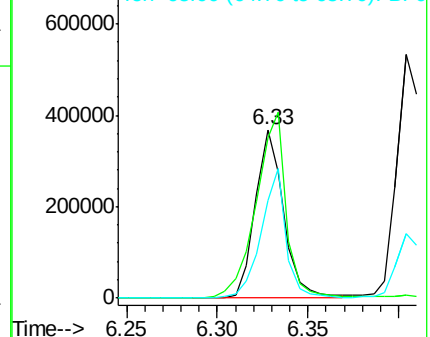
65 58.4 16.0 24.0#

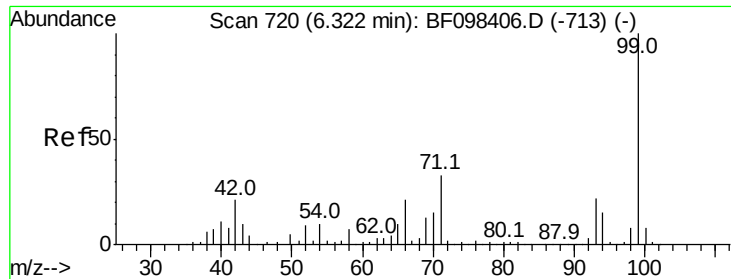


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.045 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion: 99 Resp: 1545258

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

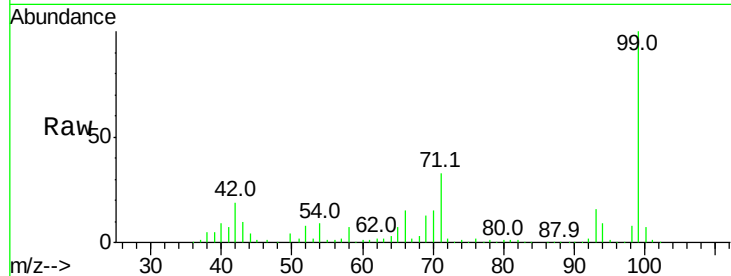
71 33.4 24.5 36.7

Manual Integrations

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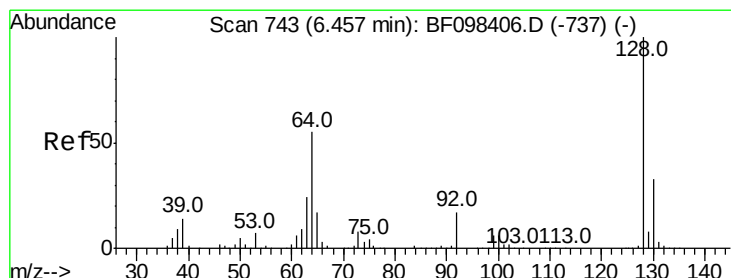
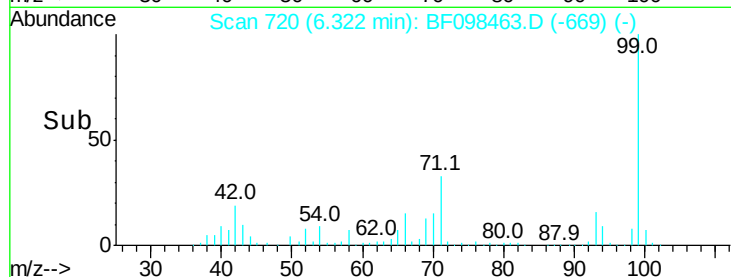
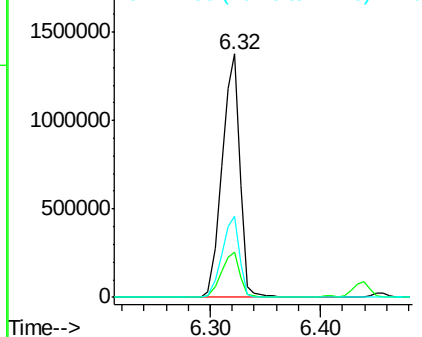
9/13/2017 5:00:12 PM



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: 32.487 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

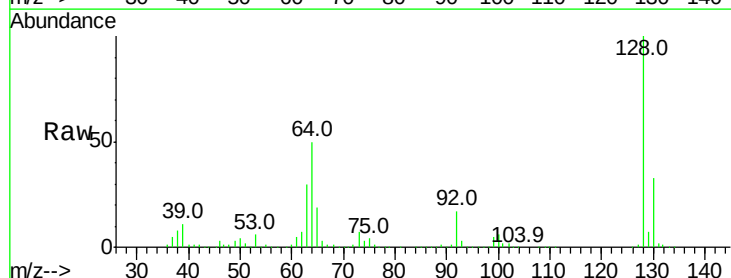
Tgt Ion: 128 Resp: 462306

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

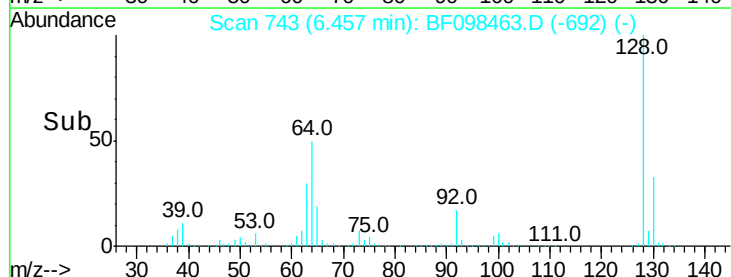
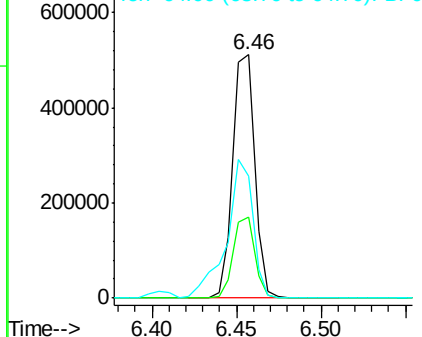
64 49.9 28.4 68.4

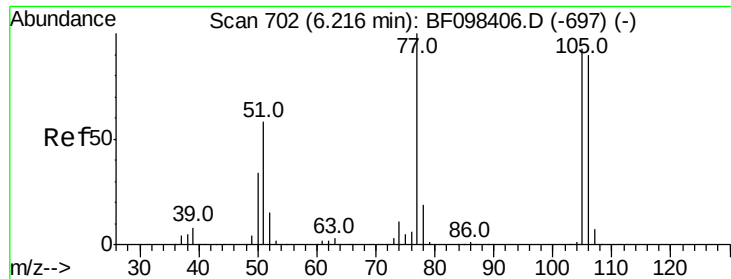


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.436 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

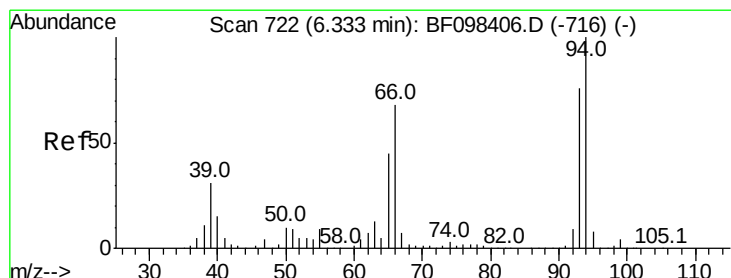
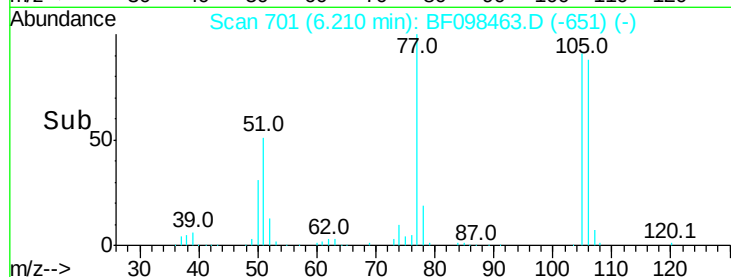
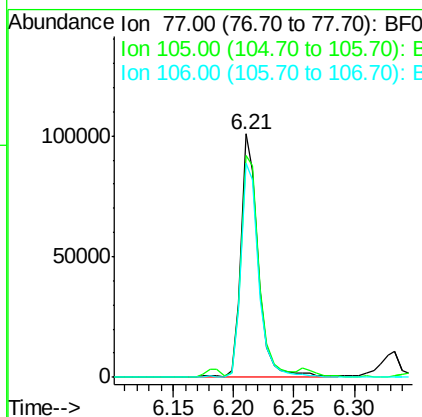
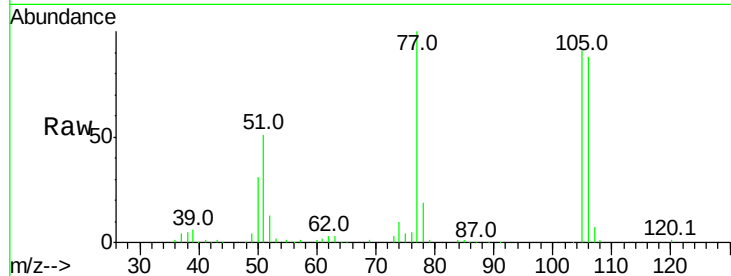
ClientSampled :

RL-5-0-13.75MSD

Tot Ion:	77	Resp:	101355
Ion Ratio	Lower	Upper	
77	100		
105	91.0	83.8	123.8
106	88.2	79.1	119.1

Manual Integrations
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Sohil
9/13/2017 5:00:12 PM



#10

Phenol

Concen: 32.841 ng

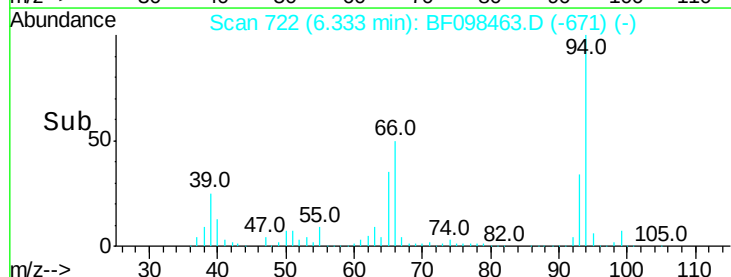
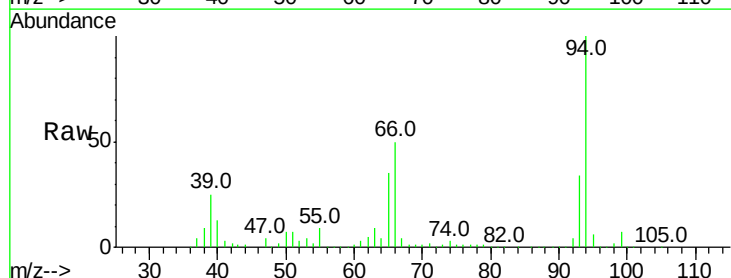
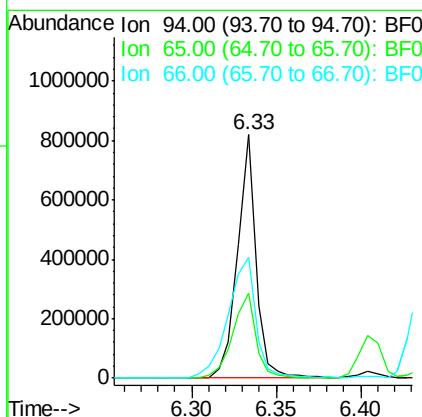
RT: 6.33 min Scan# 722

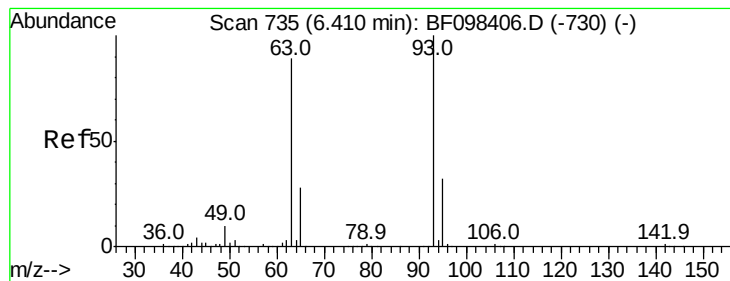
Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	94	Resp:	626764
Ion Ratio	Lower	Upper	
94	100		
65	34.7	9.9	49.9
66	49.8	23.1	63.1





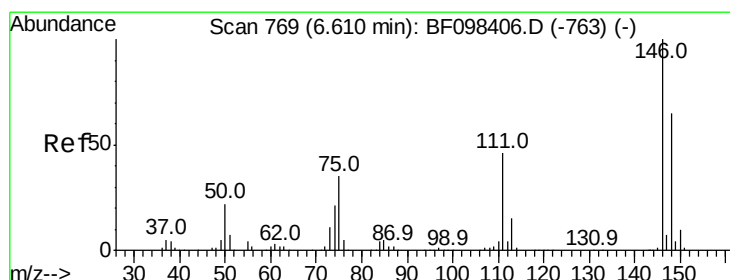
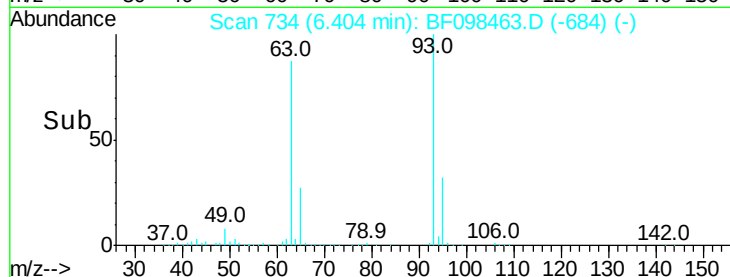
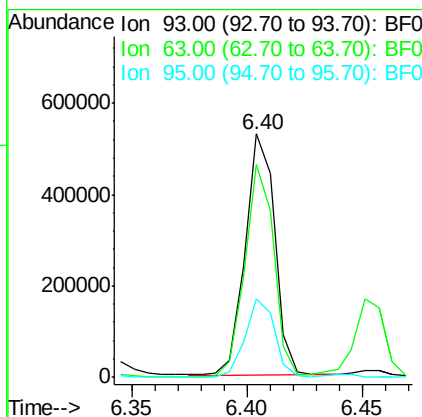
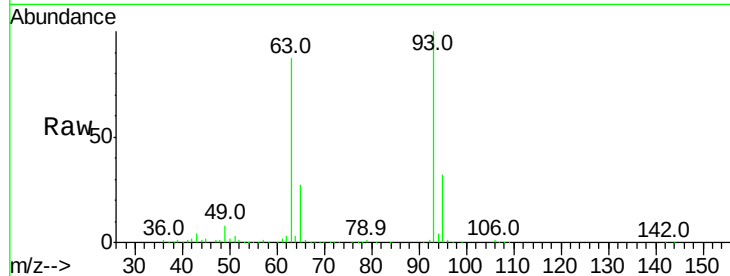
#11
bis(2-Chloroethyl)ether
Concen: 33.125 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	93	Ratio	100	Resp:	476651
Ion	93	Ratio	100	Lower	Upper
	63	87.5		59.2	99.2
	95	32.0		12.8	52.8

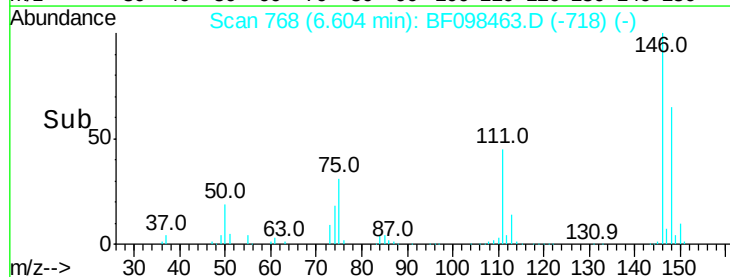
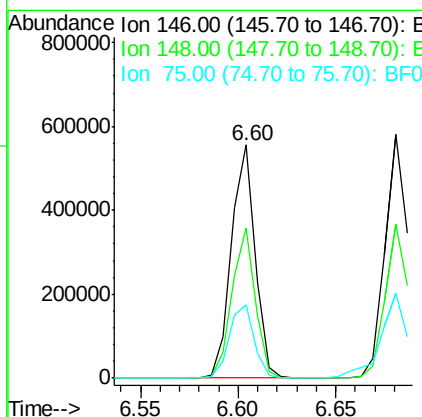
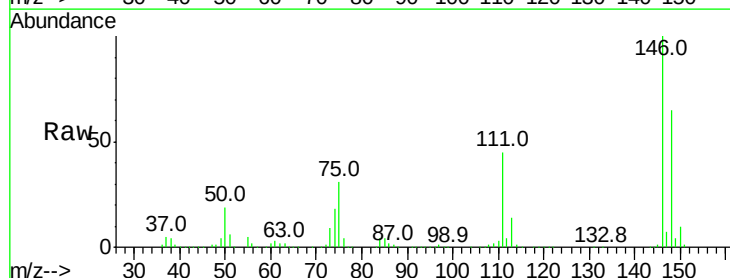
Manual Integrations
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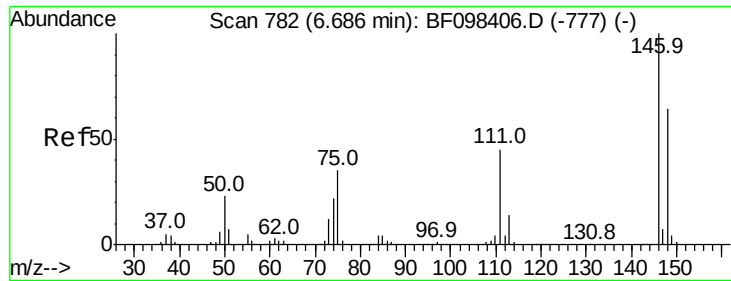
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.749 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	146	Ratio	100	Resp:	469071
Ion	146	Ratio	100	Lower	Upper
	148	64.6		51.8	77.6
	75	31.3		23.1	34.7





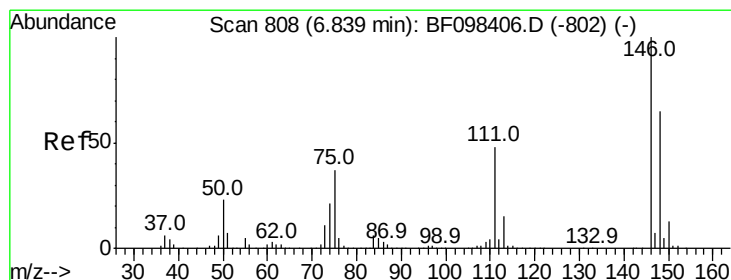
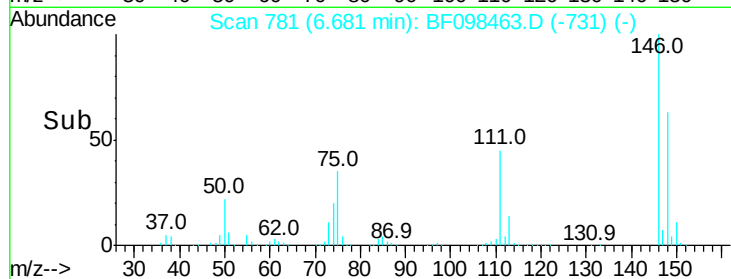
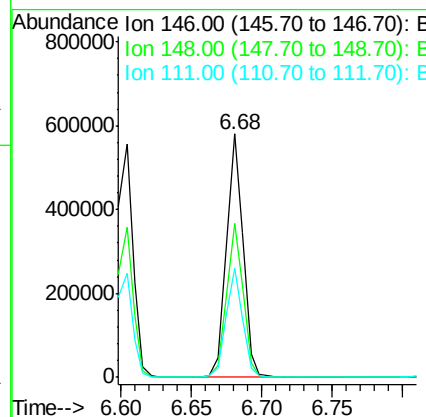
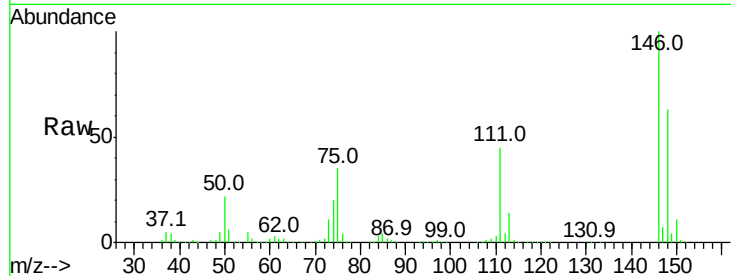
#13
 1,4-Dichlorobenzene
 Concen: 32.278 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	44.9	30.3	45.5

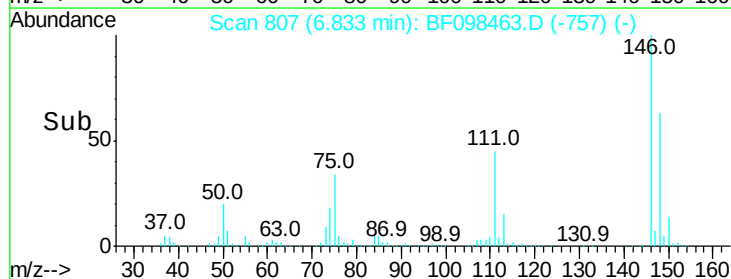
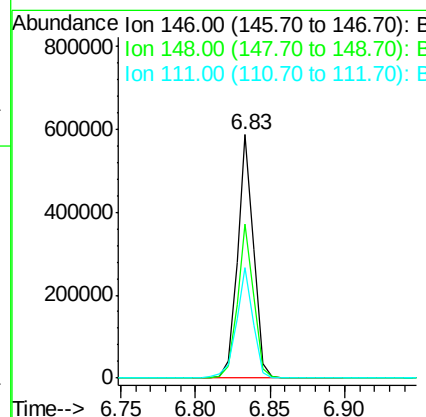
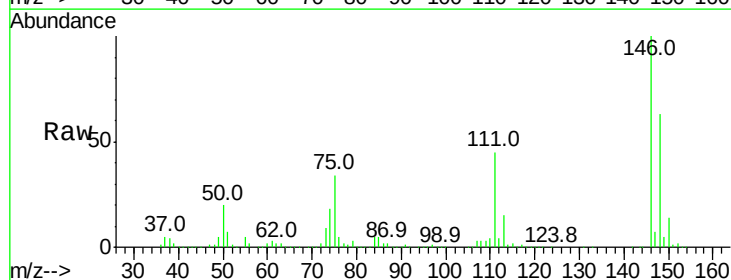
Manual Integrations
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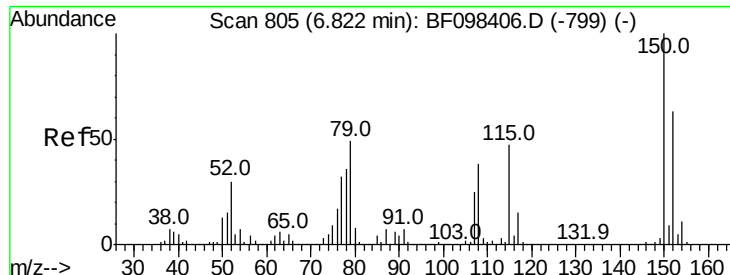
Sohil
 9/13/2017 5:00:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.397 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	45.5	38.2	57.4





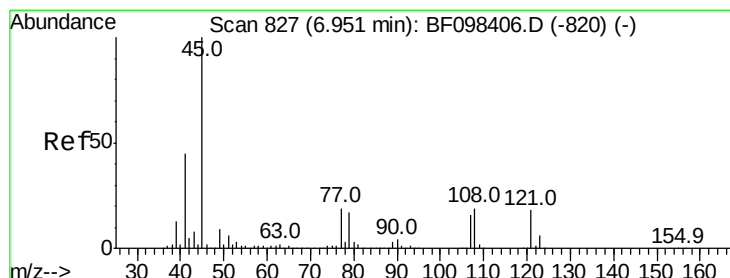
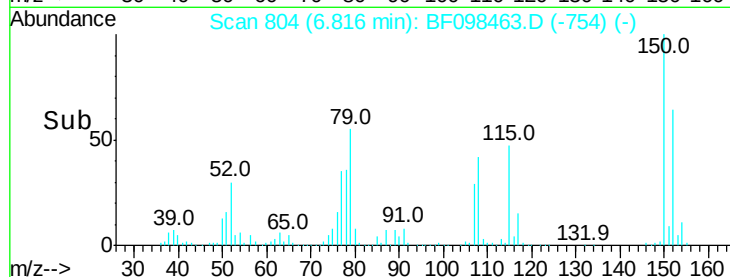
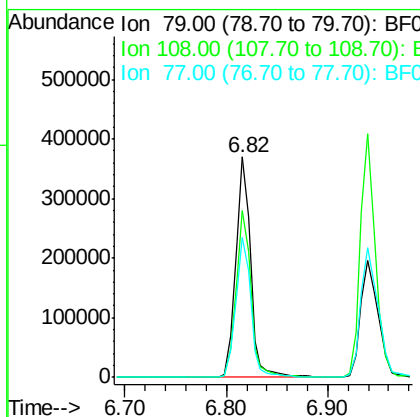
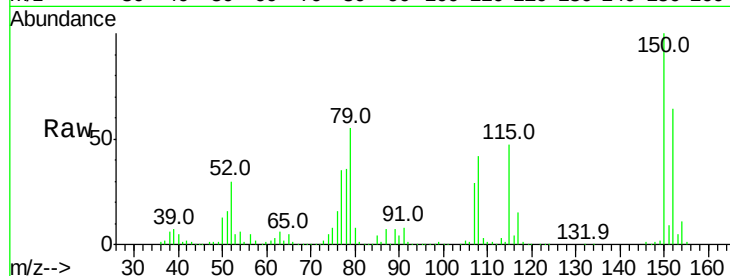
#15
Benzyl Alcohol
Concen: 34.600 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	63.4	95.0
77	63.5	49.2	73.8

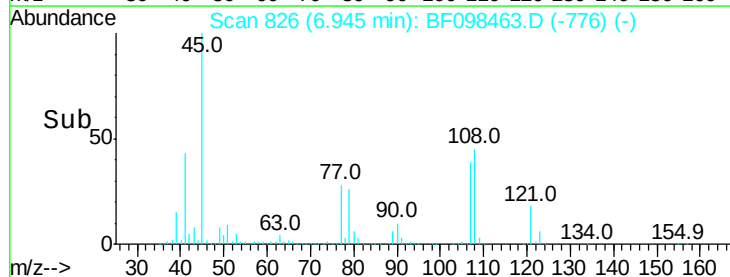
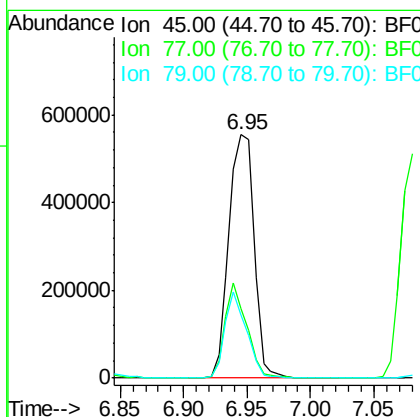
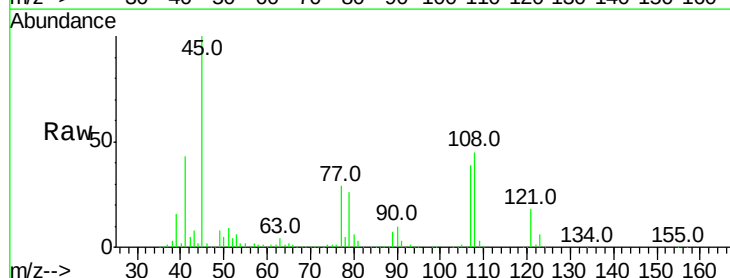
Manual Integrations
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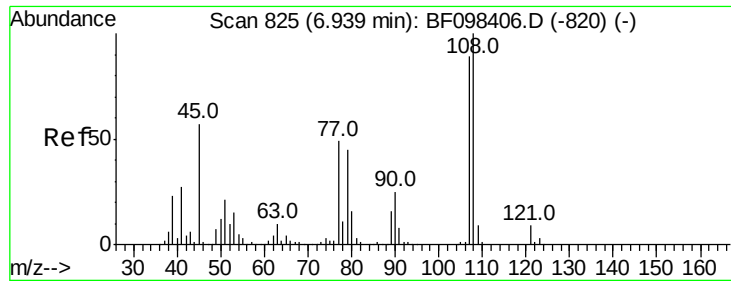
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.085 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.5	0.0	33.2
79	26.1	0.0	30.0





#17

2-Methylphenol

Concen: 31.565 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:107 Resp: 366279
Ion Ratio Lower Upper

107 100

108 115.4 93.4 140.0

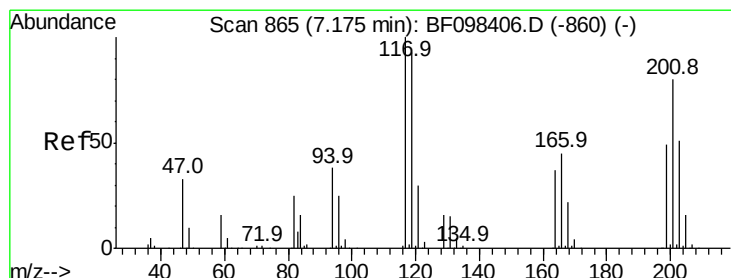
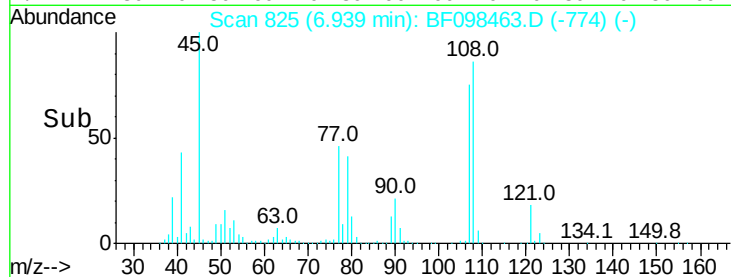
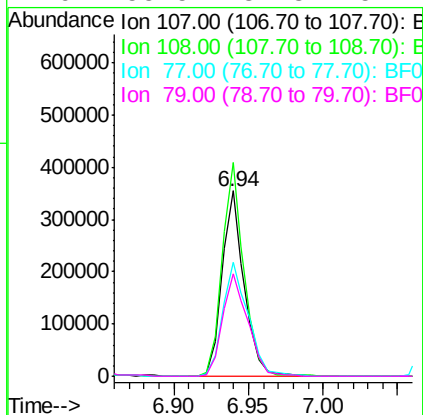
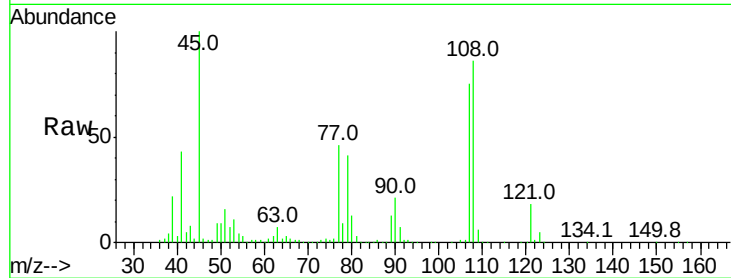
77 61.6 35.8 53.6#

79 55.5 34.8 52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 26.313 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF098463.D

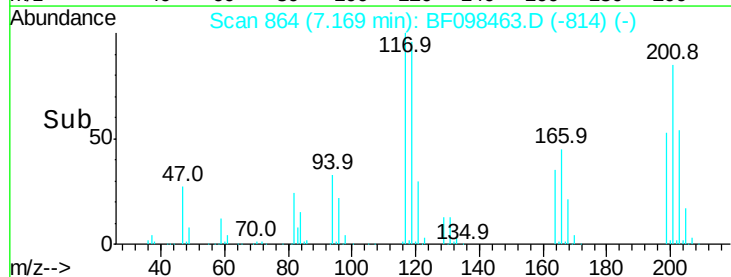
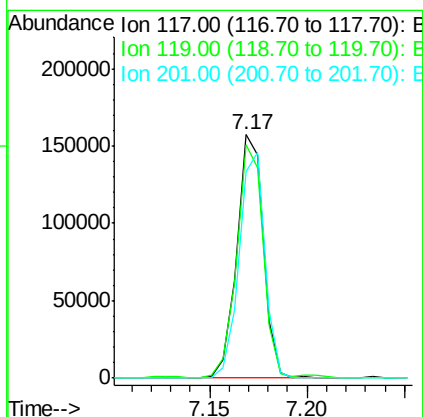
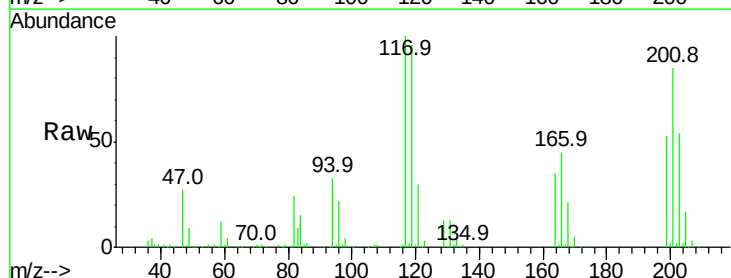
Acq: 12 Sep 2017 21:14

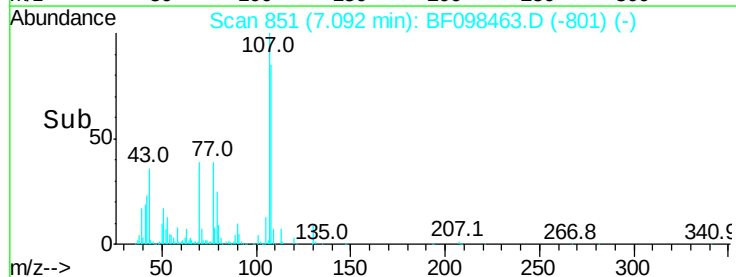
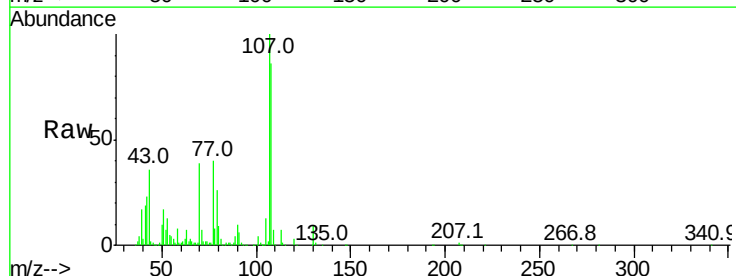
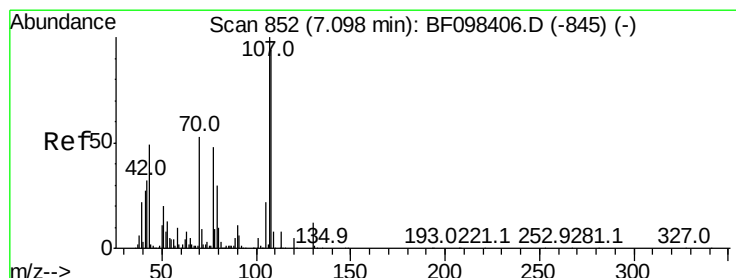
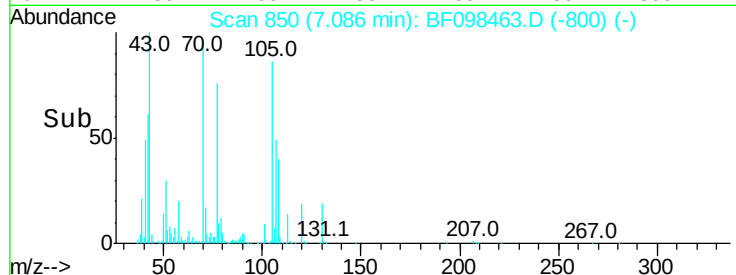
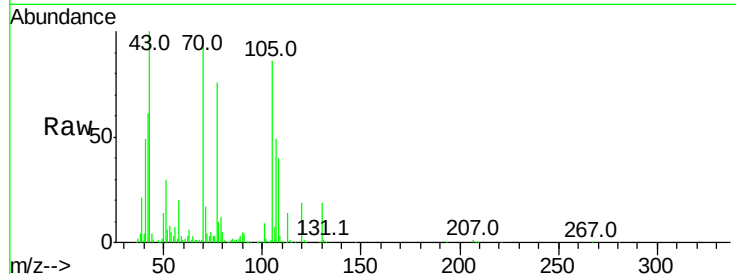
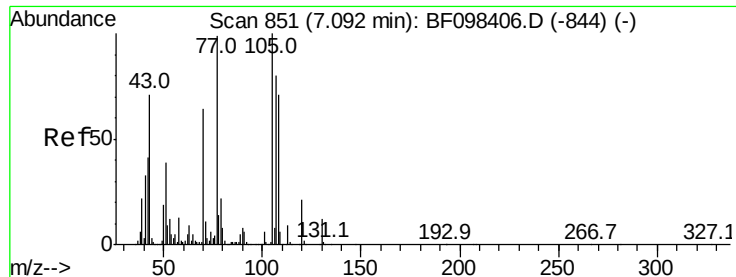
Tgt Ion:117 Resp: 147843
Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

201 85.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 32.684 ng

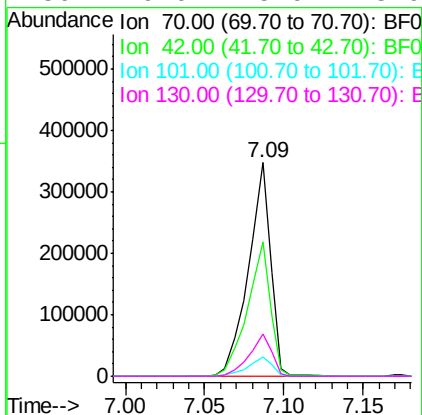
RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.2	70.8
101	9.3	7.2	10.8
130	20.0	15.9	23.9



Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 34.384 ng

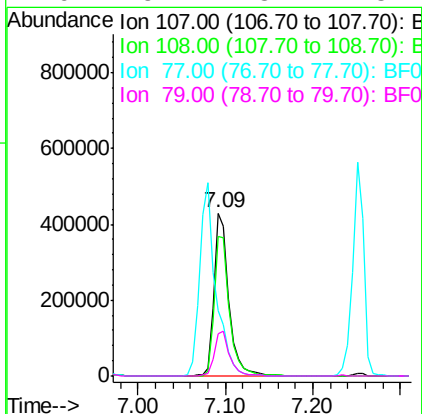
RT: 7.09 min Scan# 851

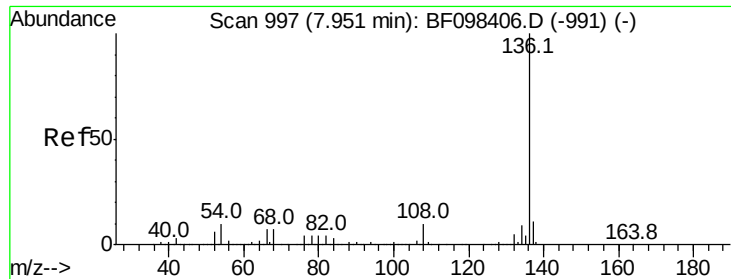
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	71.0	111.0
77	39.8	90.5	130.5#
79	25.7	8.4	48.4





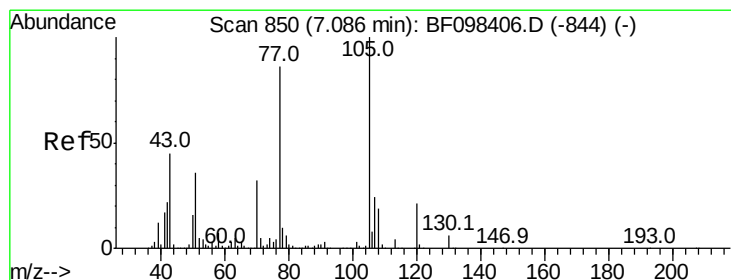
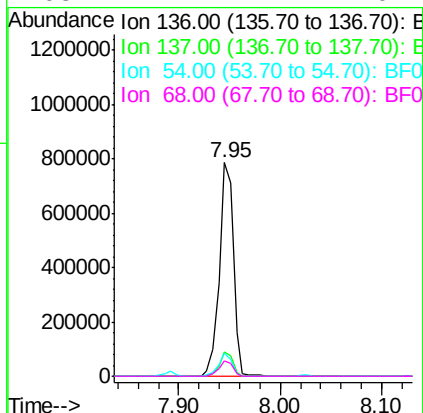
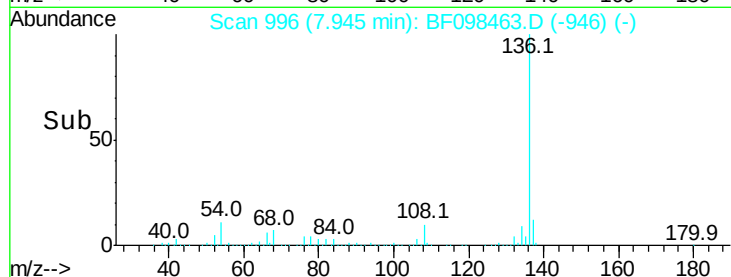
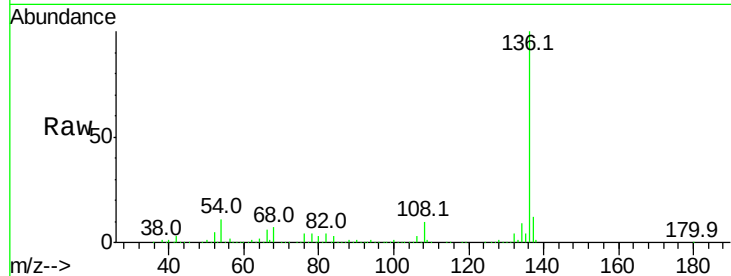
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		757326		
137	11.5	8.5	12.7		
54	10.8	4.9	7.3#		
68	7.4	4.1	6.1#		

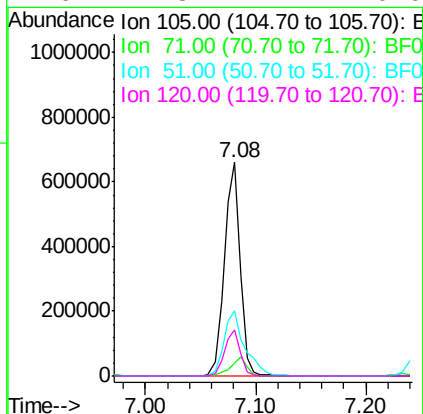
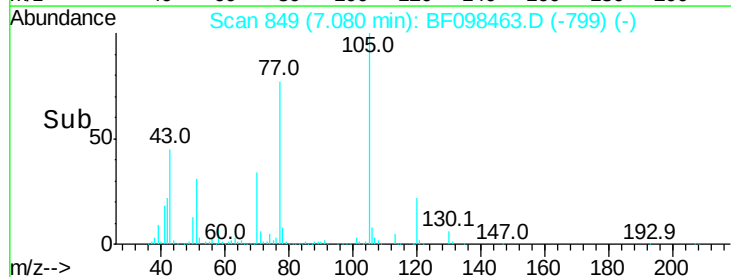
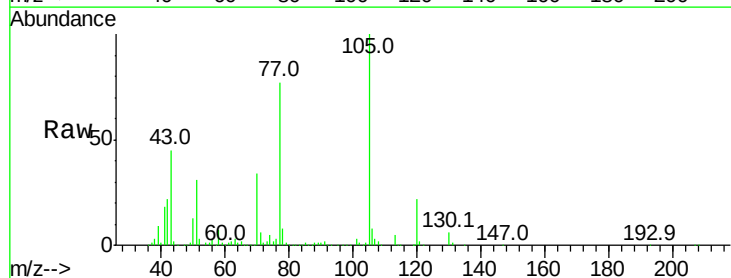
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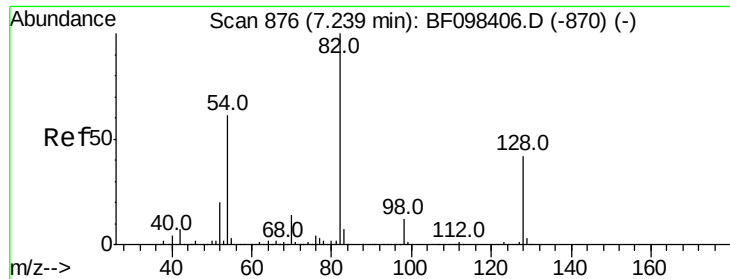
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#22
Acetophenone
Concen: 33.810 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		661772		
71	6.1	2.8	4.2#		
51	30.6	30.7	46.1#		
120	21.8	17.4	26.0		





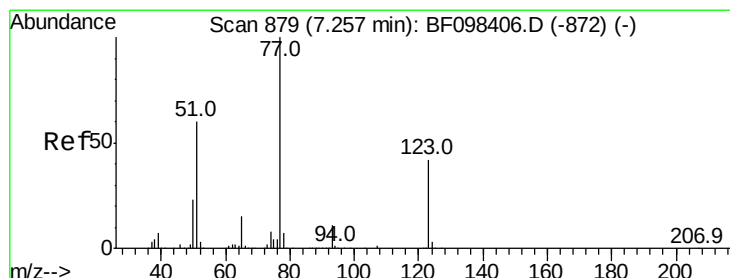
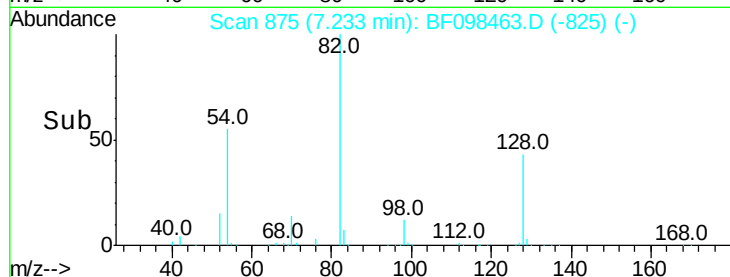
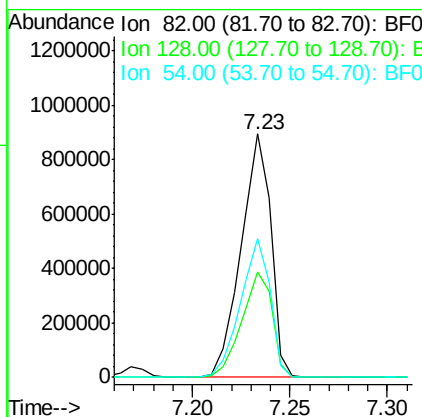
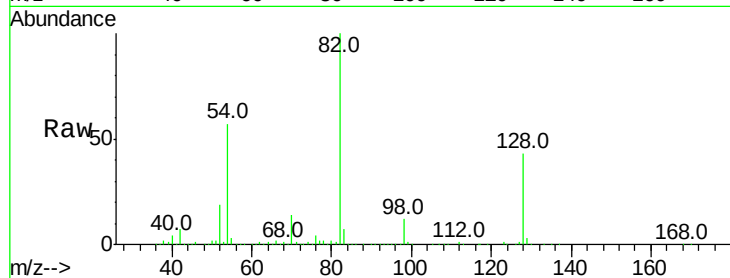
#23
Nitrobenzene-d5
Concen: 69.867 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	57.2	42.2	63.2

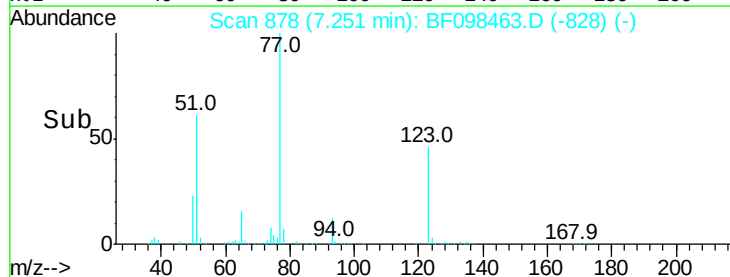
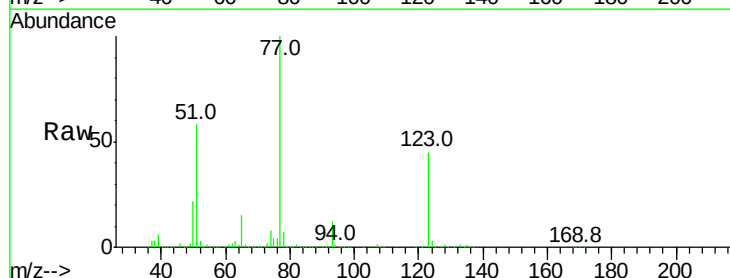
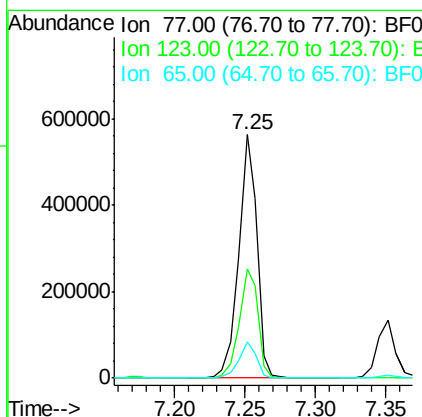
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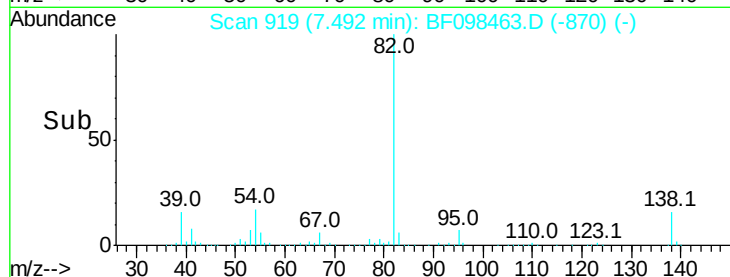
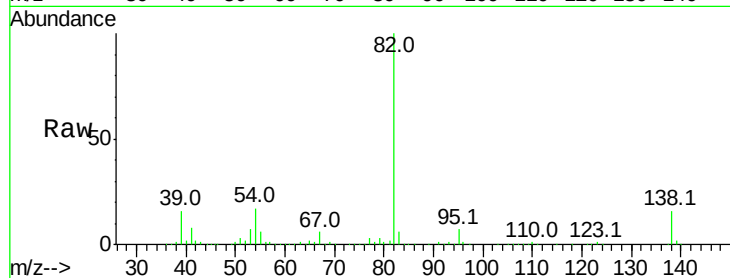
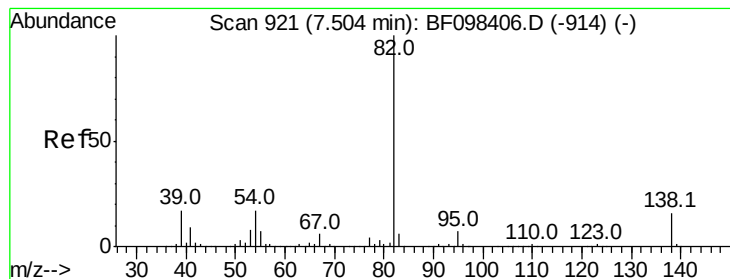
Sohil
9/13/2017 5:00:12 PM



#24
Nitrobenzene
Concen: 32.456 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 32.350 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tot Ion	82	Resp	889146
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	16.4	13.1	19.7

Instrument :

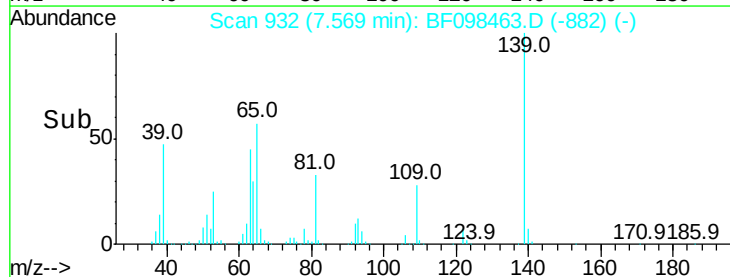
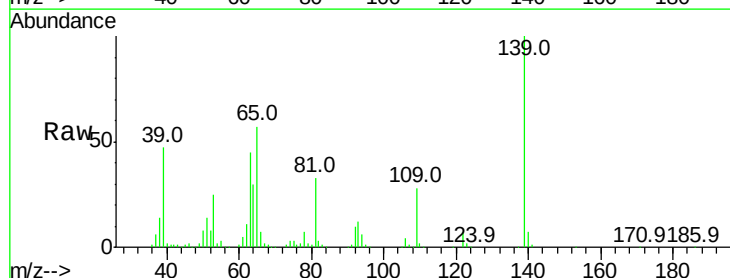
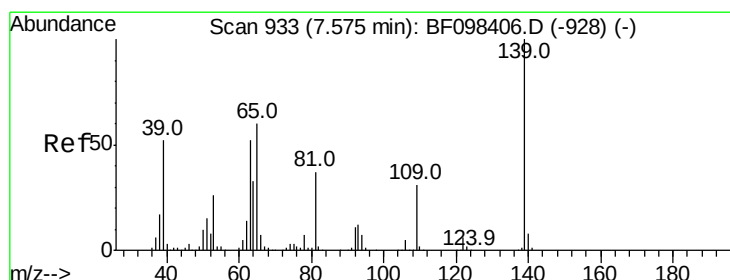
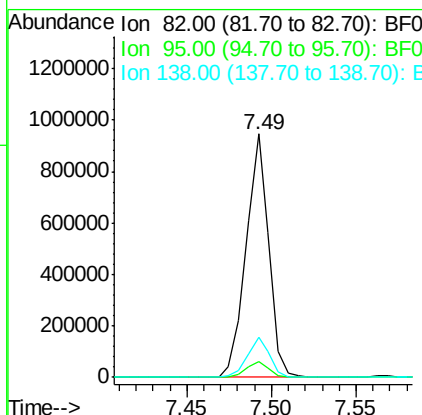
BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Manual Integrations
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9/13/2017 5:00:12 PM



#26

2-Nitrophenol

Concen: 32.922 ng

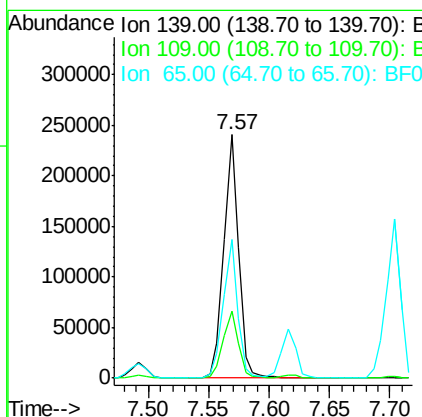
RT: 7.57 min Scan# 932

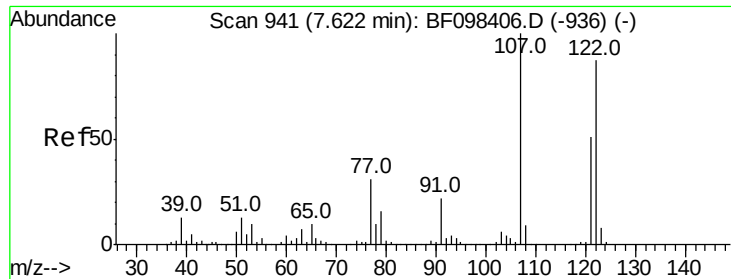
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion	139	Resp	205681
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.0	31.6
65	57.0	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 30.563 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

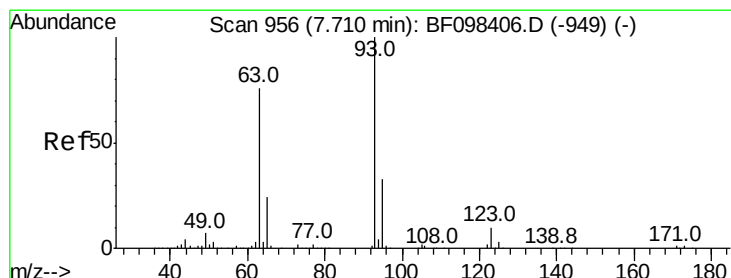
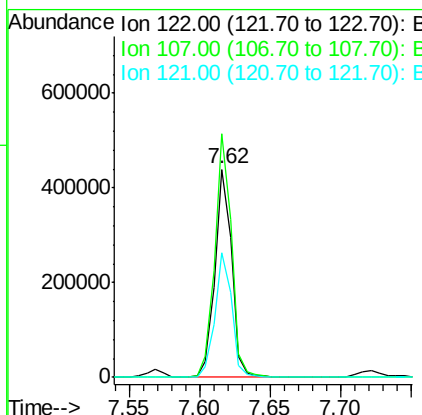
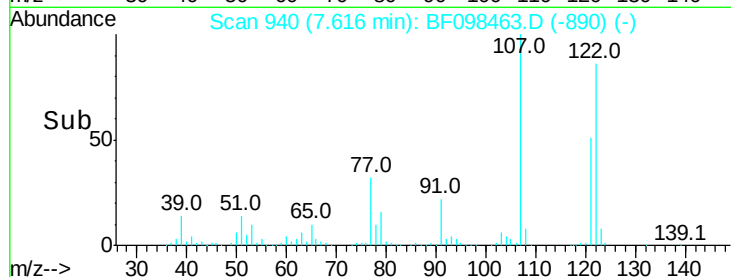
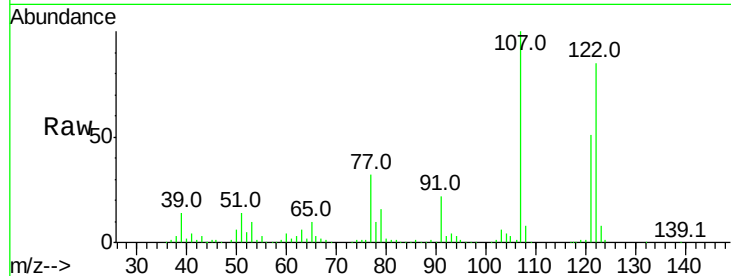
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	122	Resp:	363998
Ion Ratio	Lower	Upper	
122	100		
107	117.0	89.2	133.8
121	60.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 34.753 ng

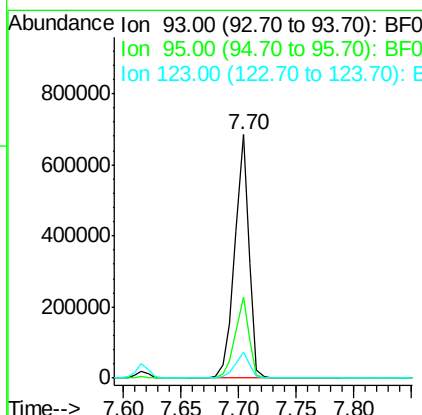
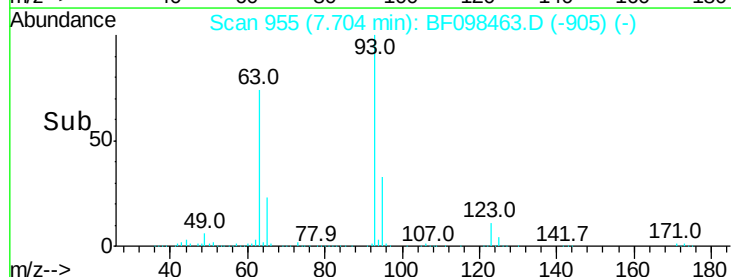
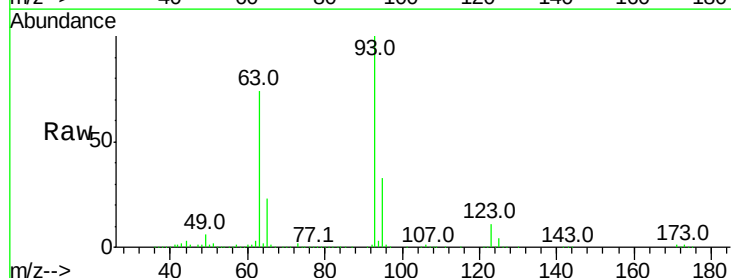
RT: 7.70 min Scan# 955

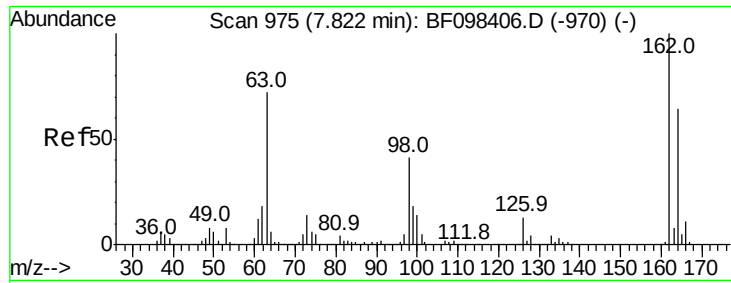
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	93	Resp:	582842
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	10.6	9.0	13.4





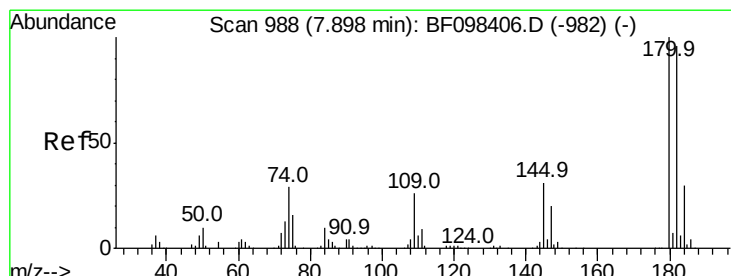
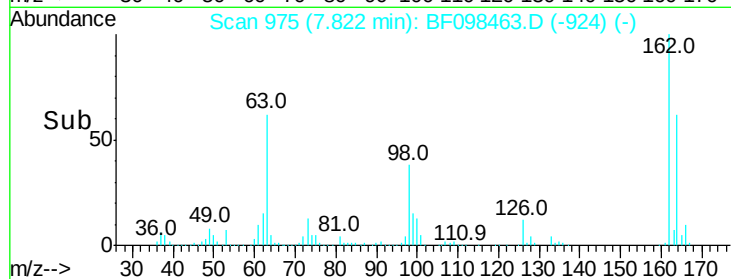
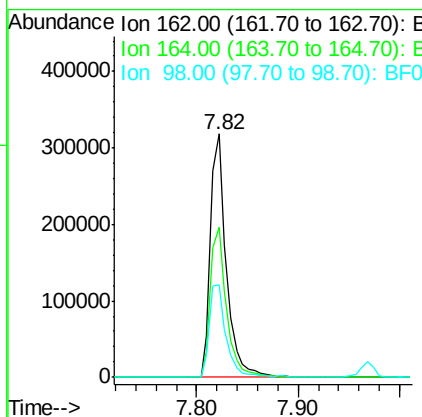
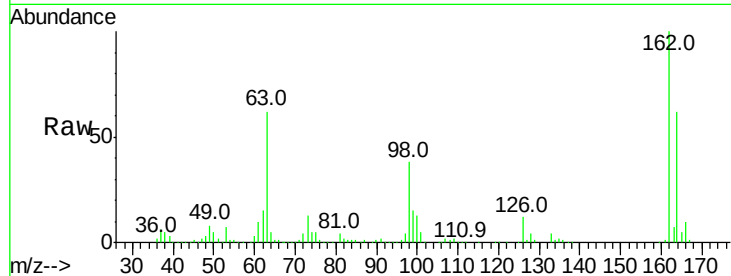
#29
 2,4-Dichlorophenol
 Concen: 35.142 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion:	162	Resp:	348090
Ion Ratio	Lower	Upper	
162	100		
164	61.6	44.6	84.6
98	38.0	14.8	54.8

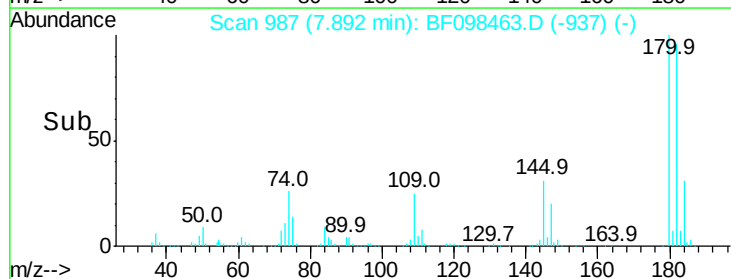
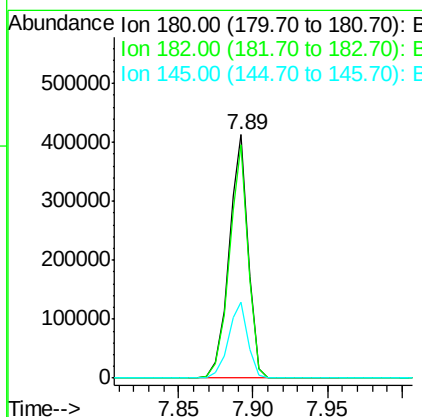
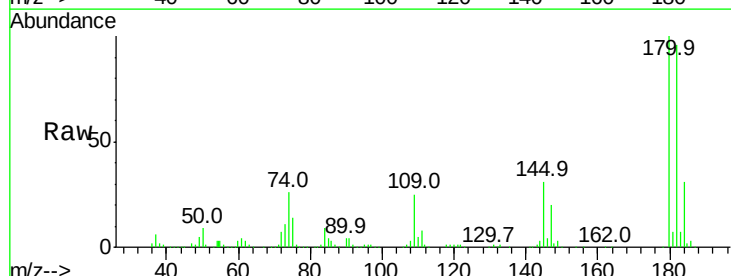
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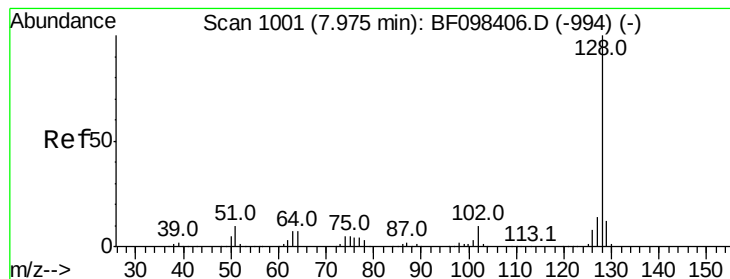
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.654 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:	180	Resp:	373388
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.8	113.6
145	31.5	25.3	37.9





#31

Naphthalene

Concen: 34.699 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:128 Resp: 1299081

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

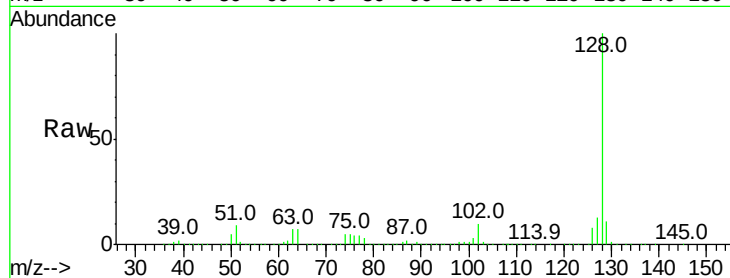
127 13.5 10.8 16.2

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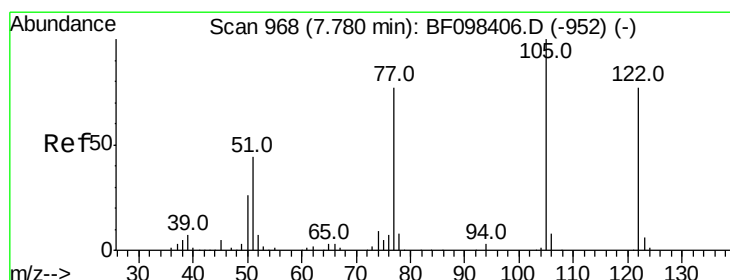
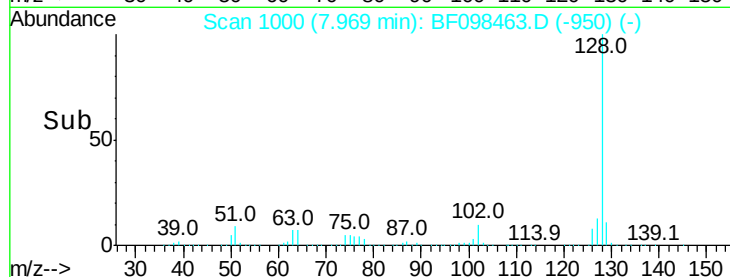
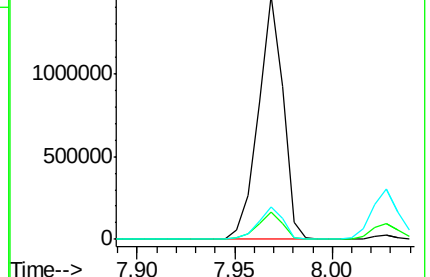
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.088 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.06 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

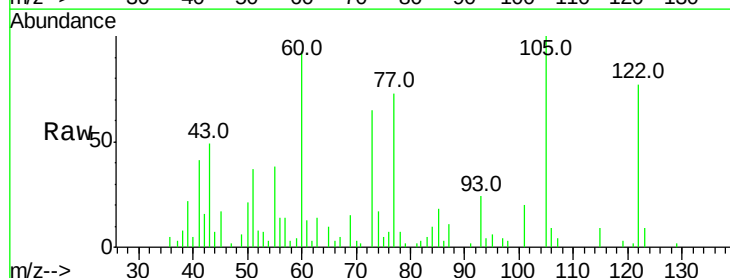
Tgt Ion:122 Resp: 20295

Ion Ratio Lower Upper

122 100

105 129.9 103.3 143.3

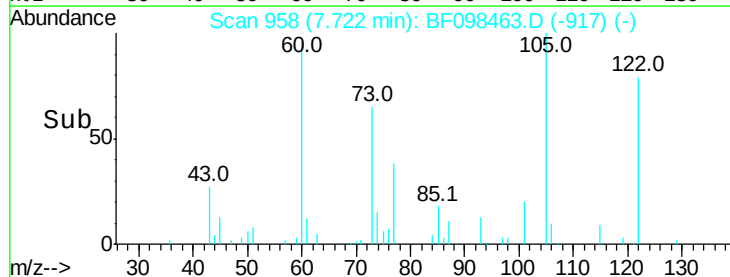
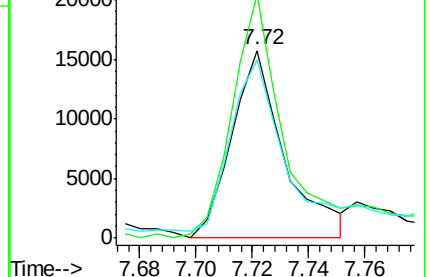
77 94.9 73.7 113.7

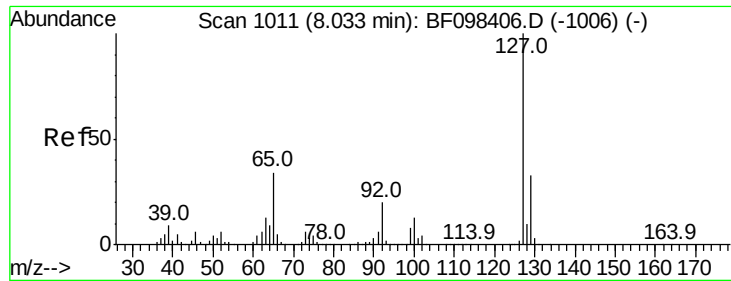


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





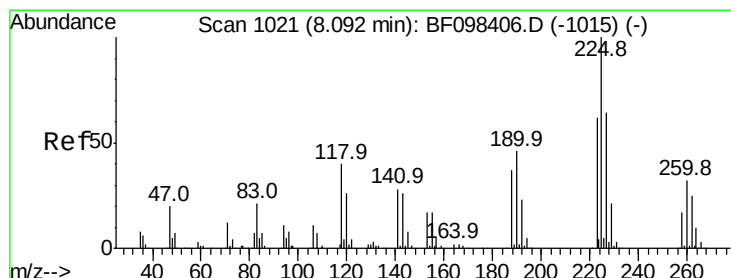
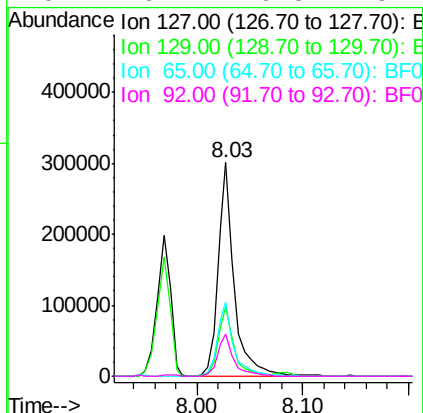
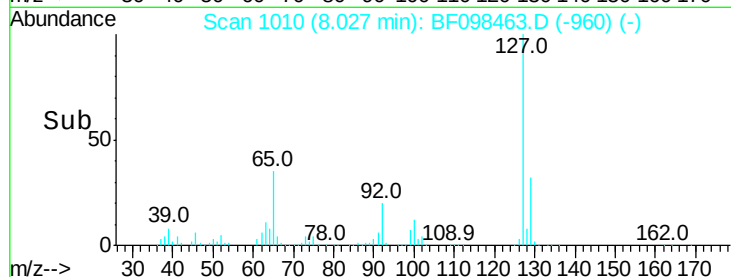
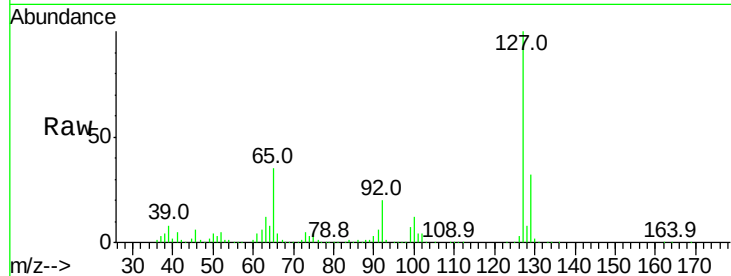
#33
4-Chloroaniline
Concen: 21.099 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	34.8	27.8	41.8	
92	20.1	16.8	25.2	

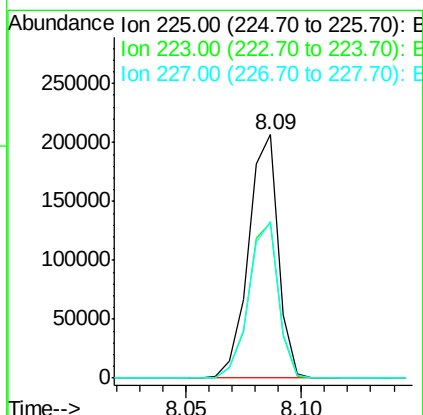
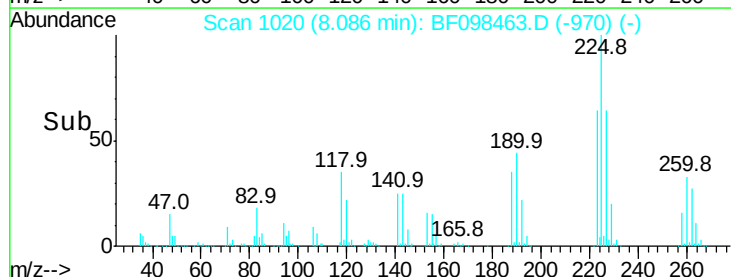
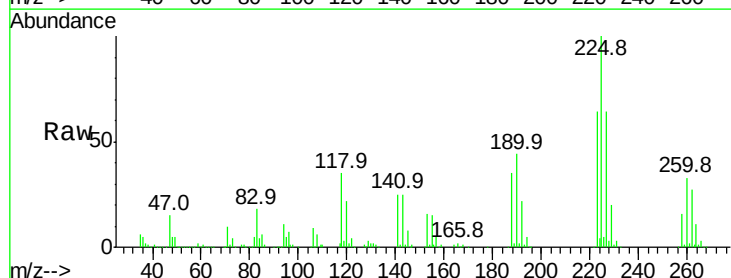
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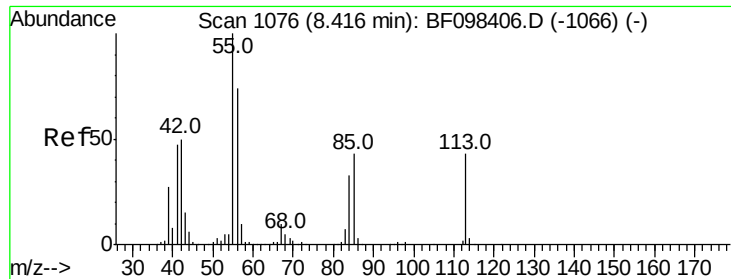
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#34
Hexachlorobutadiene
Concen: 33.749 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	48.8	73.2	
227	64.5	51.1	76.7	





#35

Caprolactam

Concen: 31.960 ng/mL

RT: 8.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:113 Resp: 109165

Ion Ratio Lower Upper

113 100

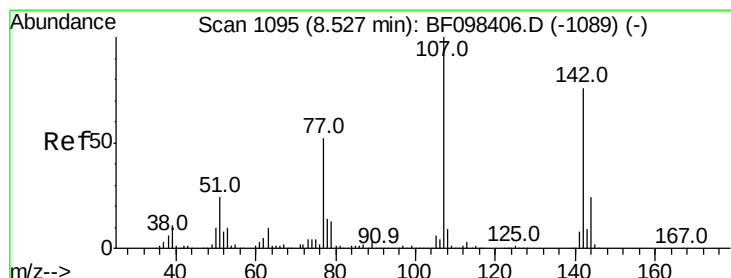
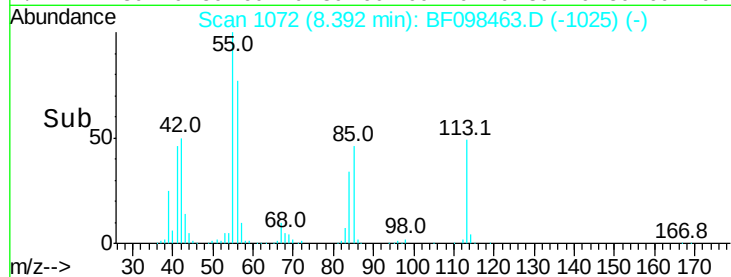
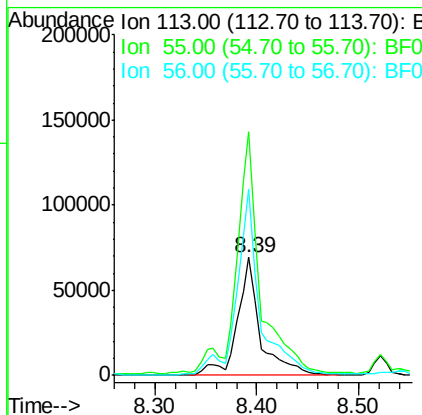
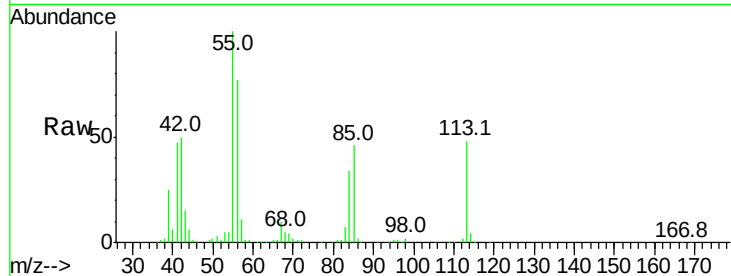
55 206.6 150.2 190.2#

56 158.4 107.8 147.8#

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9/13/2017 5:00:12 PM



#36

4-Chloro-3-methylphenol

Concen: 30.365 ng/mL

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

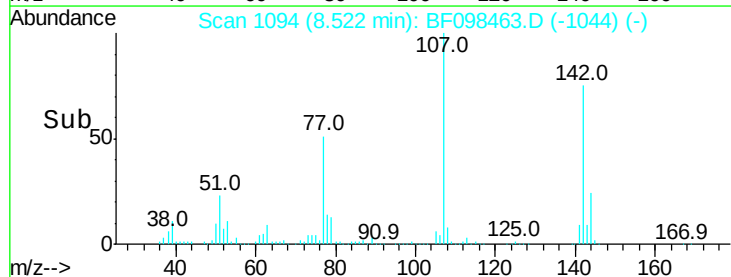
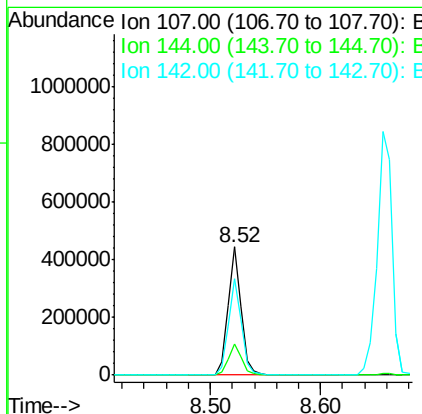
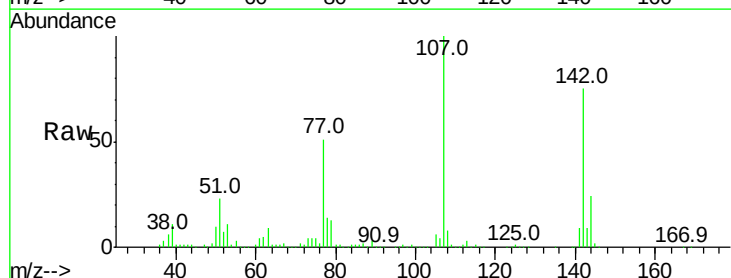
Tgt Ion:107 Resp: 373001

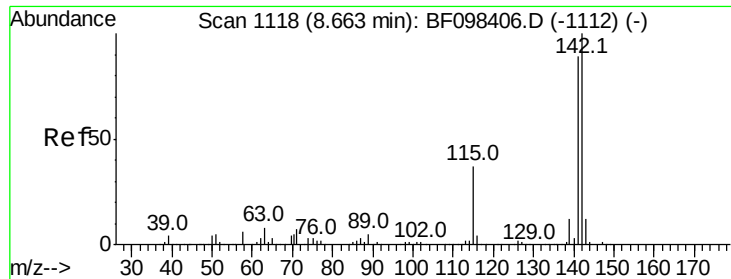
Ion Ratio Lower Upper

107 100

144 24.3 24.2 36.4

142 75.2 73.4 110.0





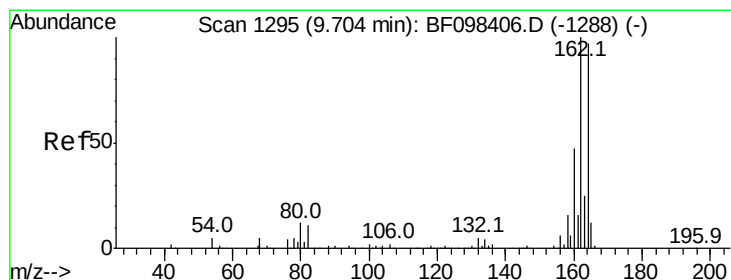
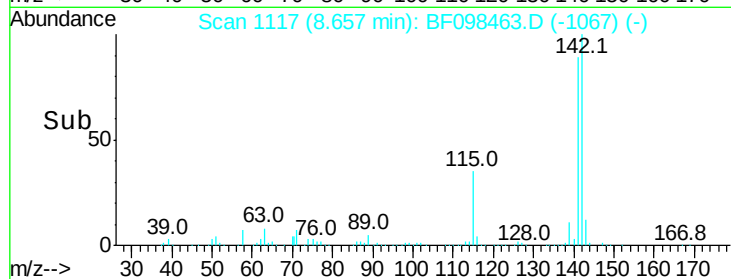
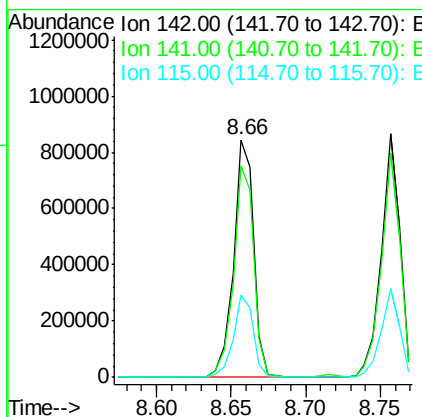
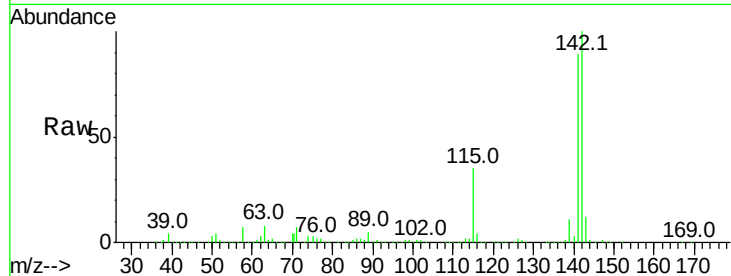
#37
2-Methylnaphthalene
Concen: 35.329 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	801196		
141	89.3		71.3	106.9
115	34.7		27.1	40.7

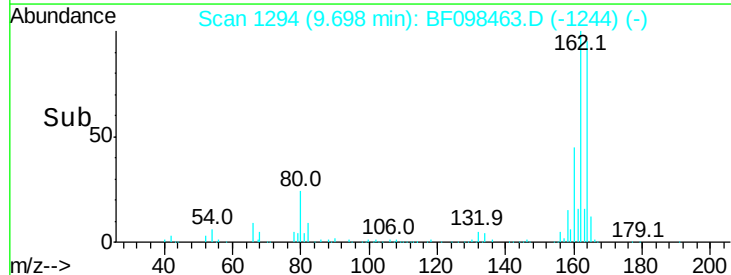
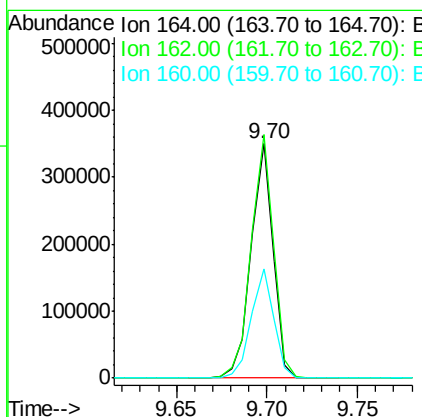
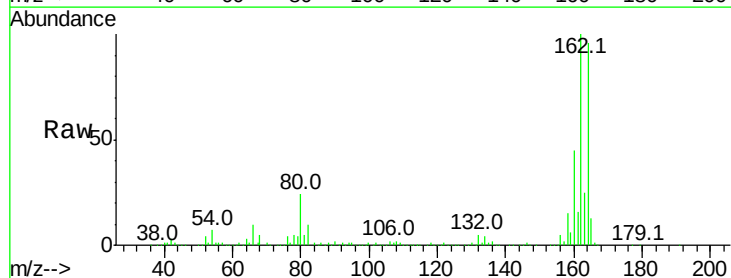
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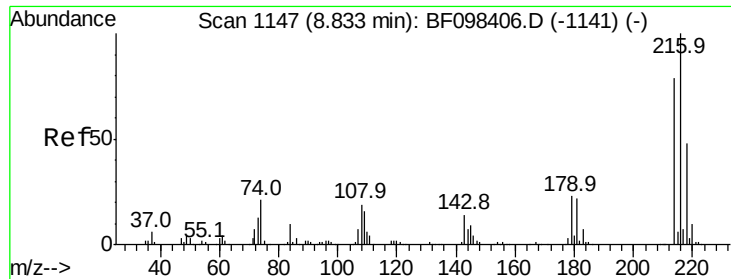
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295491		
162	104.0		82.6	123.8
160	46.6		36.2	54.2





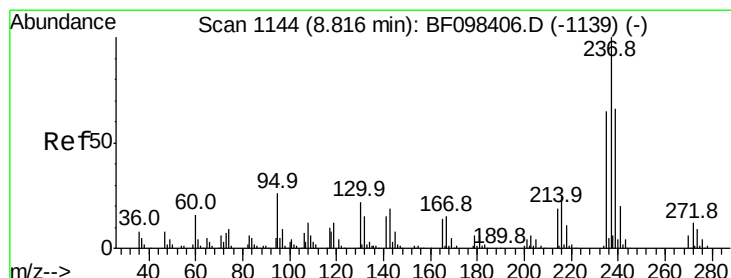
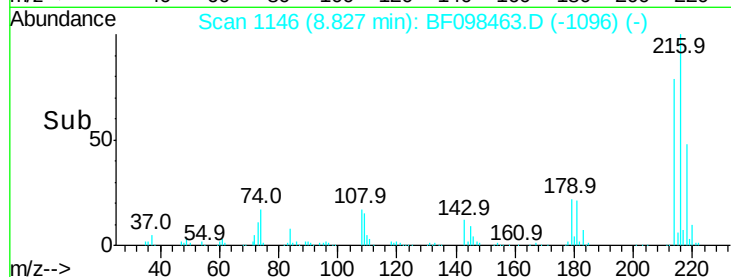
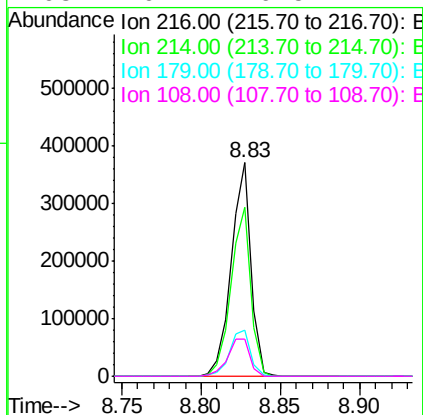
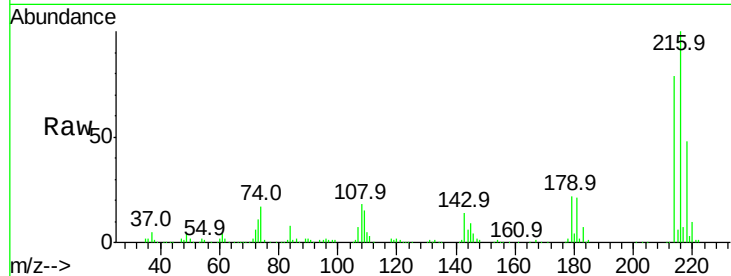
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.843 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	320713		
214	79.8	63.4	95.2	
179	22.8	17.9	26.9	
108	20.1	16.5	24.7	

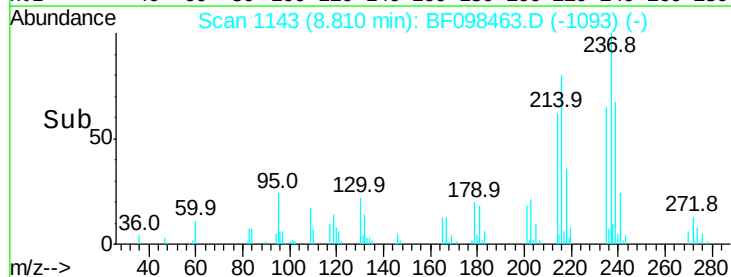
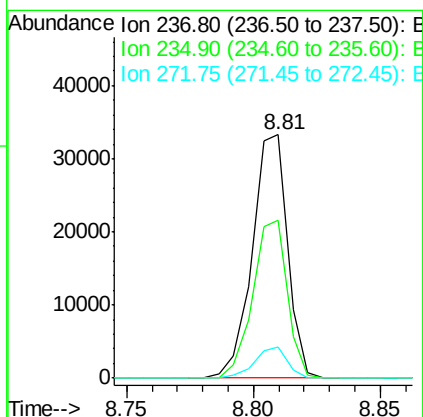
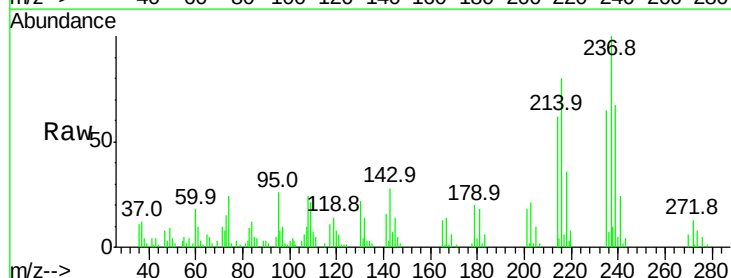
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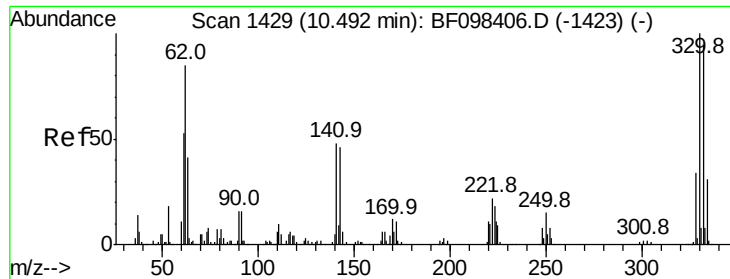
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#40
 Hexachlorocyclopentadiene
 Concen: 20.396 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	32467		
235	64.8	42.6	82.6	
272	12.8	0.0	31.9	





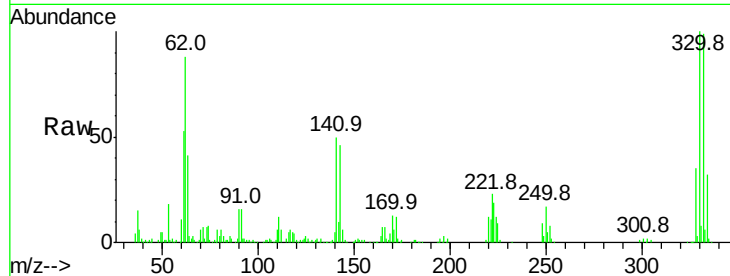
#41
2,4,6-Tribromophenol
Concen: 98.363 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

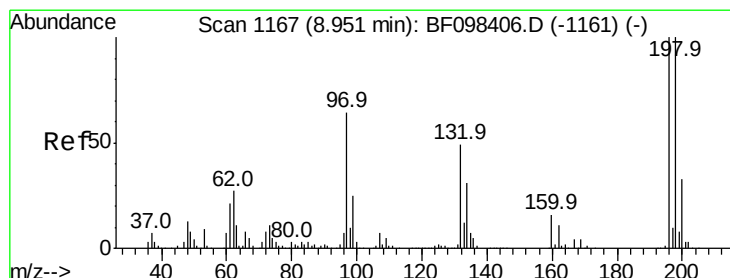
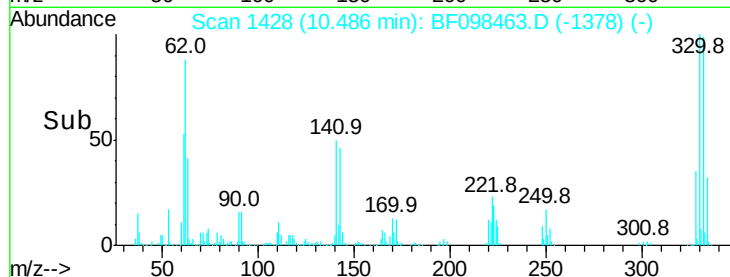
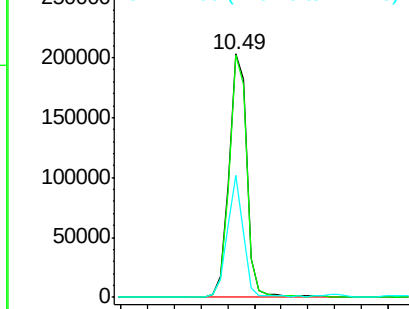
Tot Ion	Ratio	Resp	Lower	Upper
330	100	193988		
332	98.1	76.6	115.0	
141	45.8	31.4	47.2	

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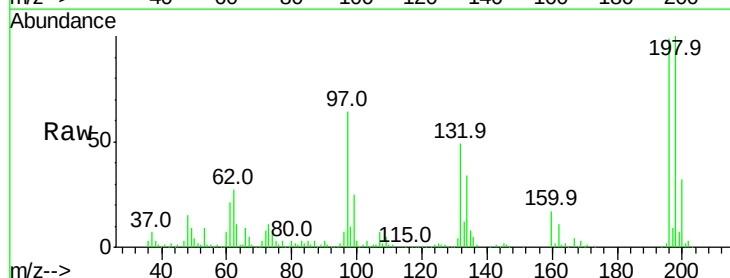


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

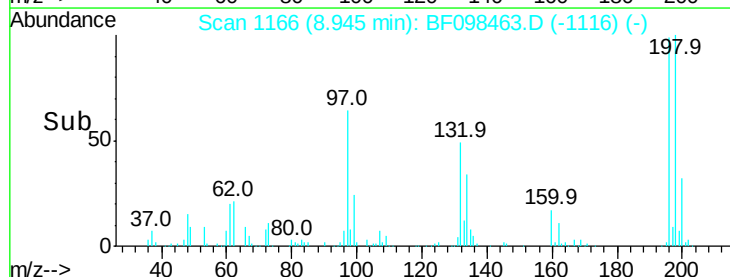
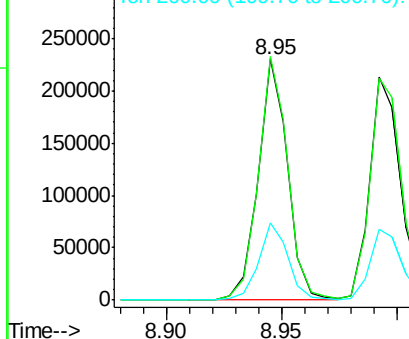


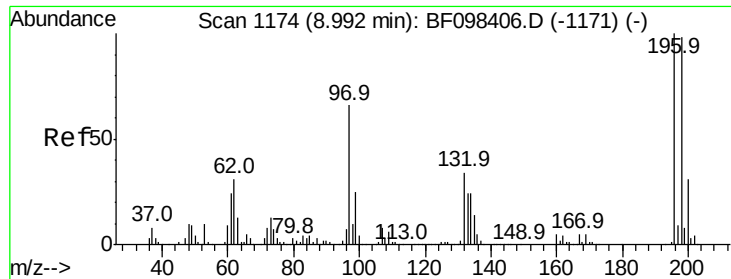
#42
2,4,6-Trichlorophenol
Concen: 37.994 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205414		
198	101.3	74.2	111.4	
200	32.2	24.0	36.0	



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





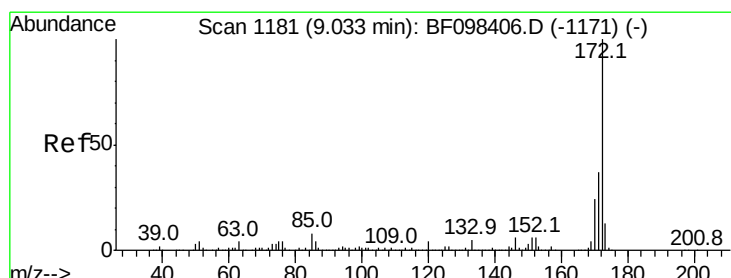
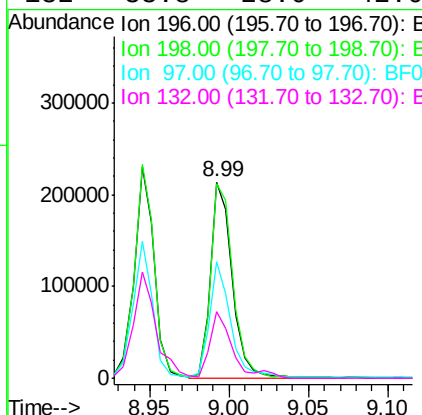
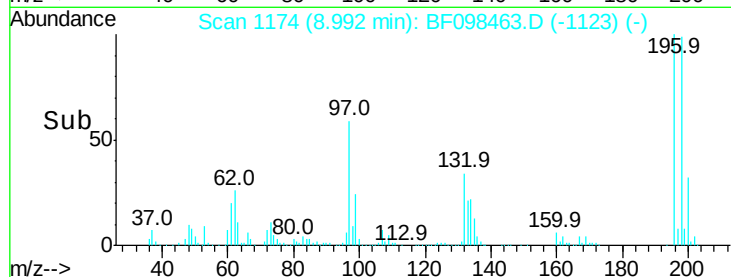
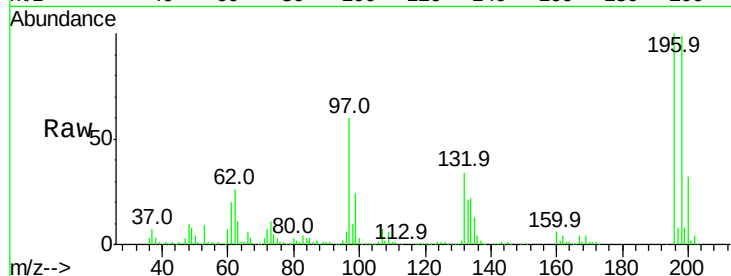
#43
 2,4,5-Trichlorophenol
 Concen: 36.049 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion	196	Resp	203708
Ion Ratio	Lower	Upper	
196	100		
198	99.3	75.7	113.5
97	59.5	47.7	71.5
132	33.8	28.0	42.0

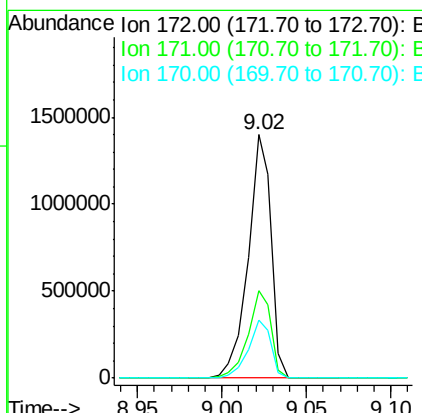
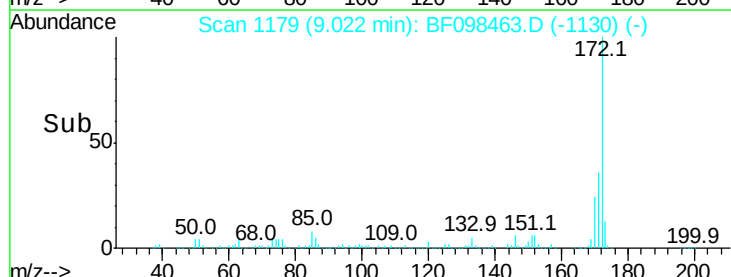
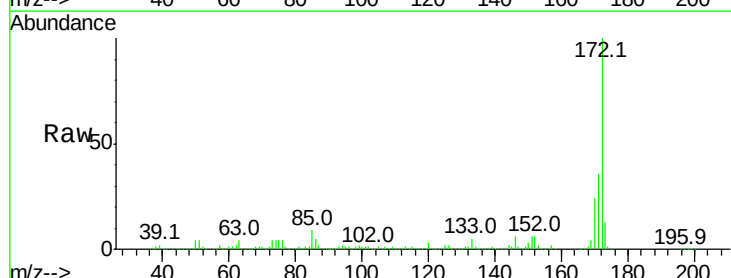
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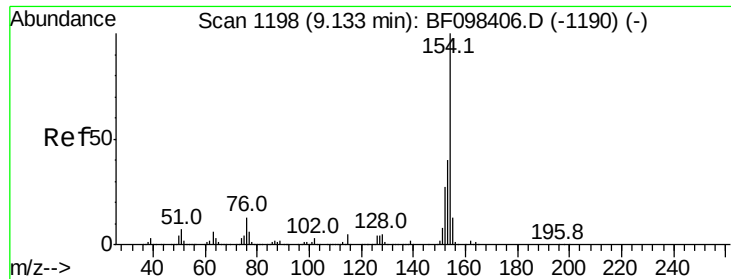
Sohil
 9/13/2017 5:00:12 PM



#44
 2-Fluorobiphenyl
 Concen: 76.146 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	172	Resp	1327522
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 34.713 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

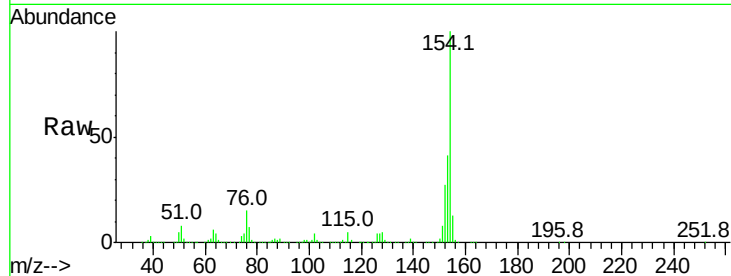
ClientSampleId :

RL-5-0-13.75MSD

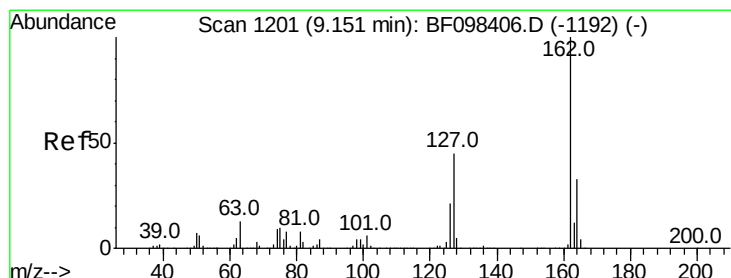
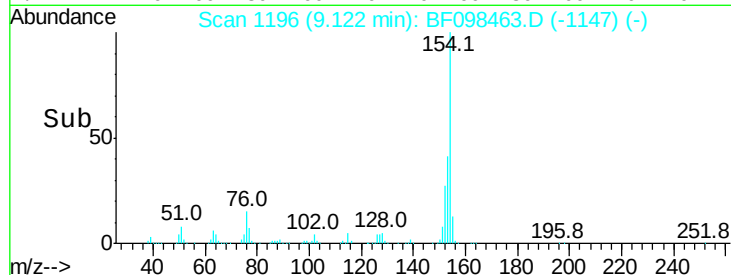
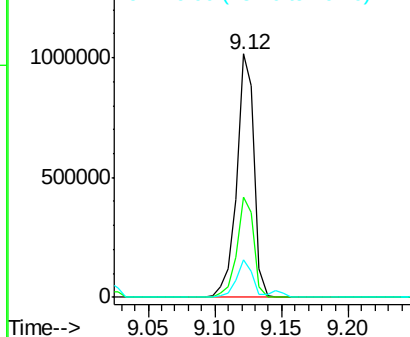
Tot Ion:	154	Resp:	918097
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.2	61.2
76	15.4	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.746 ng

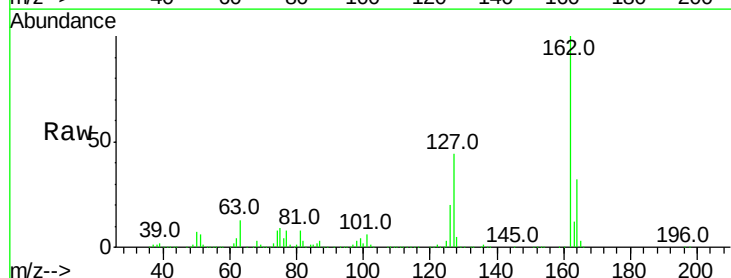
RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

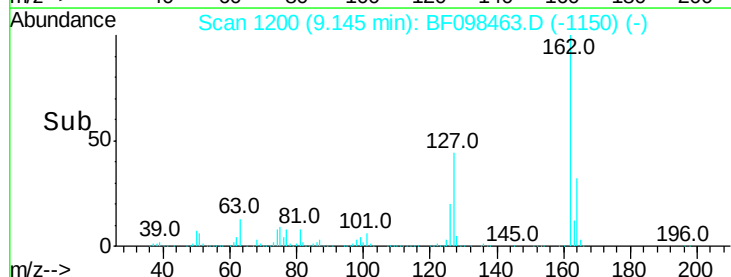
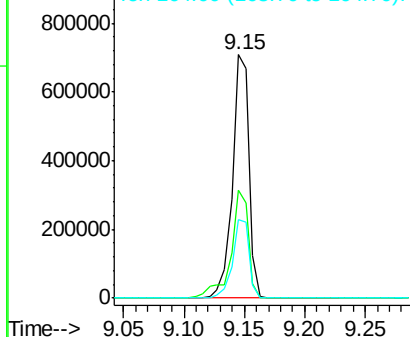
Lab File: BF098463.D

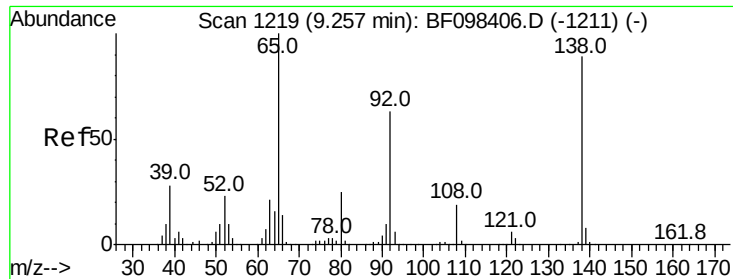
Acq: 12 Sep 2017 21:14

Tgt Ion:	162	Resp:	675200
Ion Ratio	Lower	Upper	
162	100		
127	44.3	28.3	42.5#
164	32.4	27.0	40.4



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





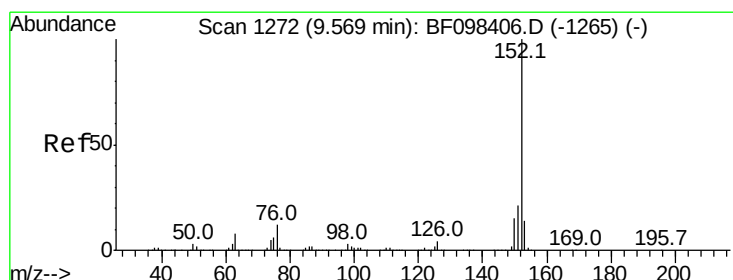
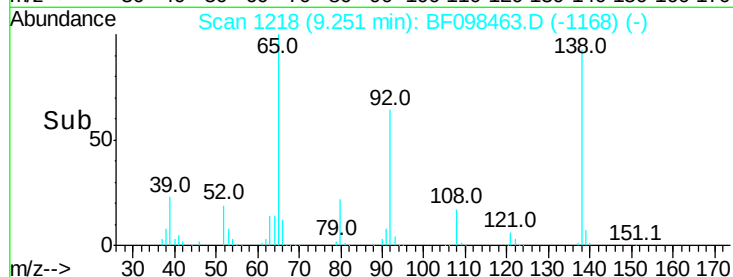
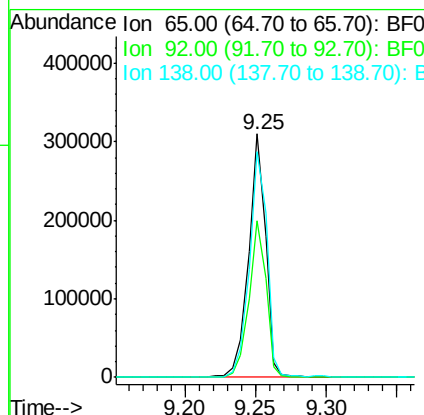
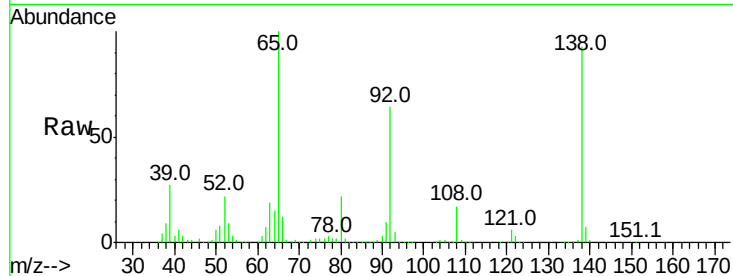
#47
2-Nitroaniline
Concen: 36.279 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.9	80.9
138	92.7	78.8	118.2

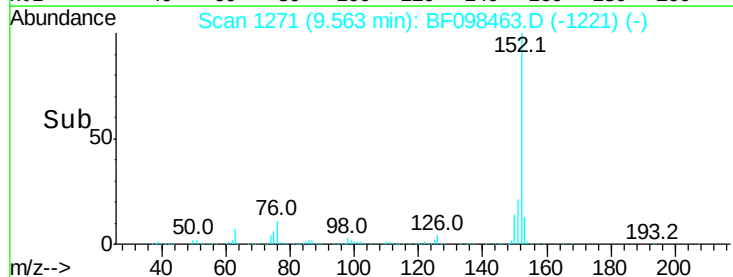
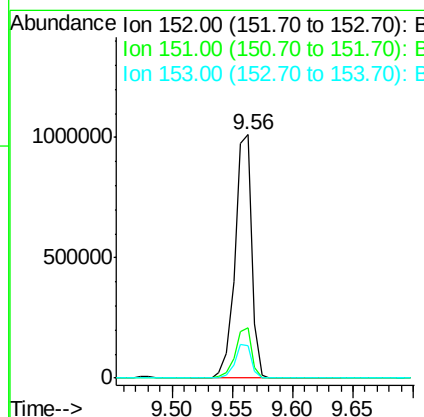
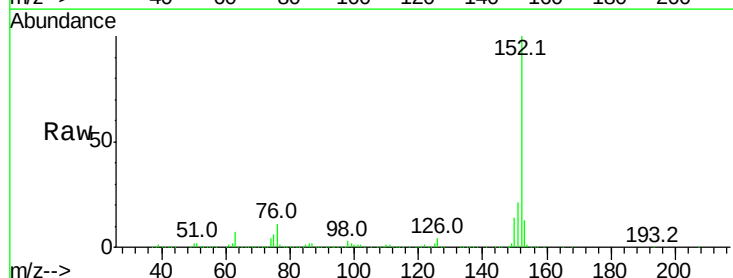
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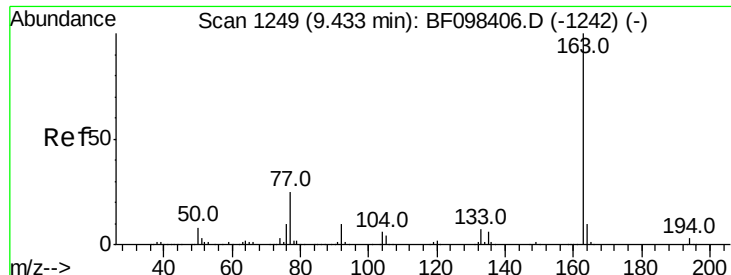
Sohil
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#48
Acenaphthylene
Concen: 34.872 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.3	10.8	16.2





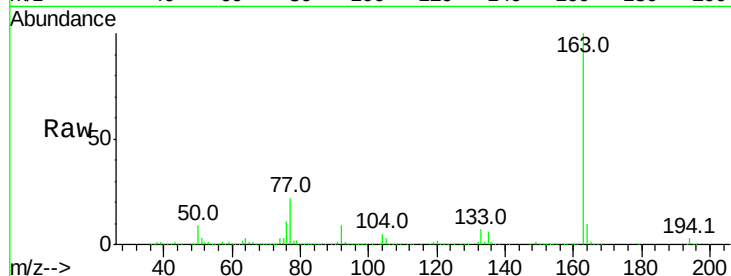
#49
Dimethylphthalate
Concen: 43.361 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

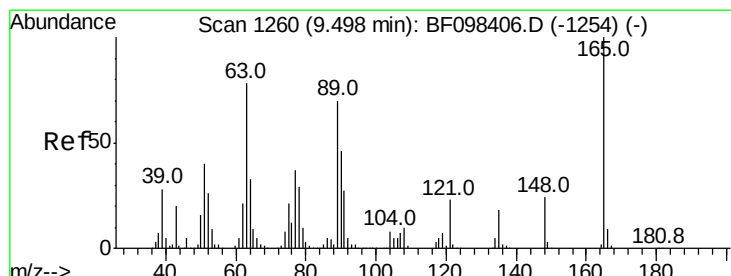
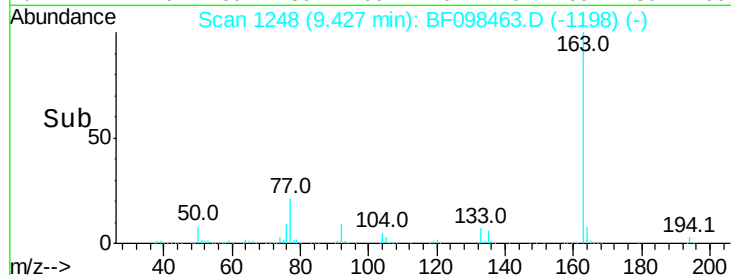
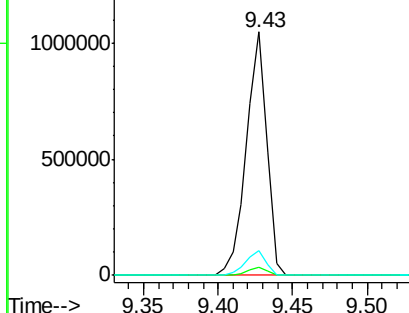
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

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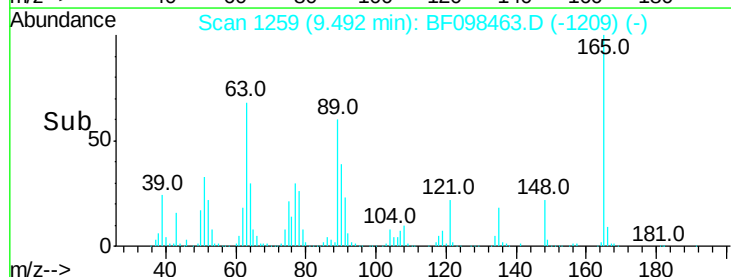
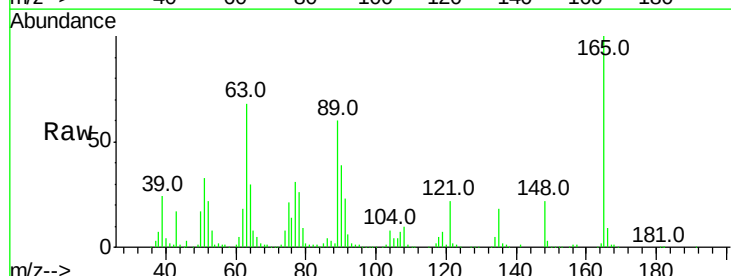
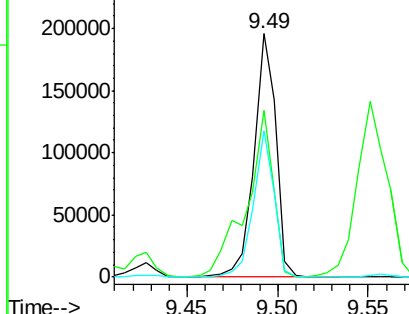
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

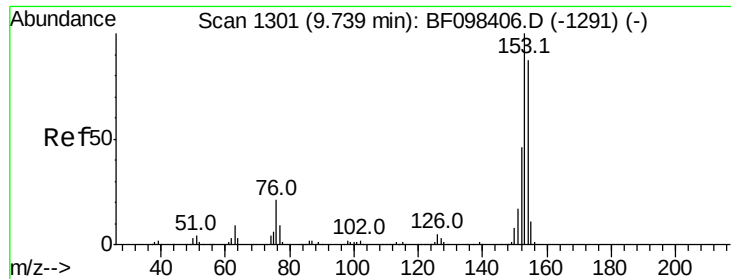


#50
2,6-Dinitrotoluene
Concen: 34.782 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	68.3	34.3	51.5#
89	59.8	37.1	55.7#

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





#51

Acenaphthene

Concen: 33.653 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

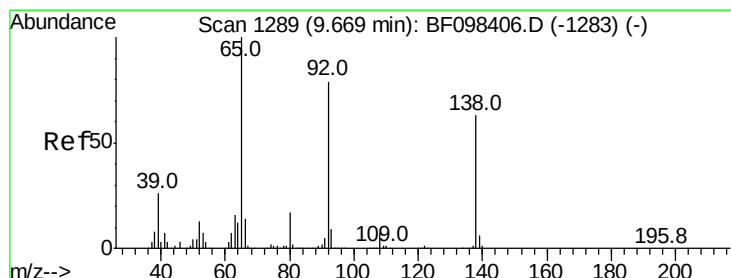
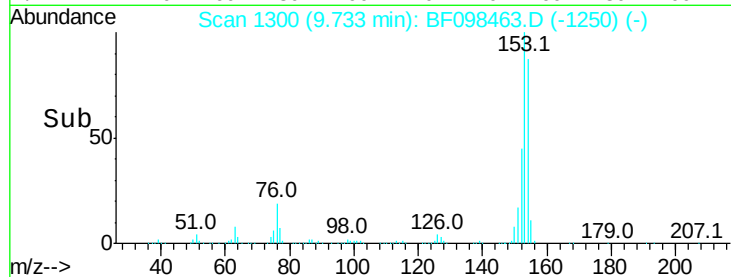
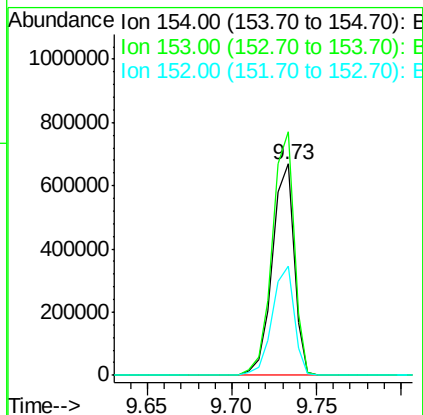
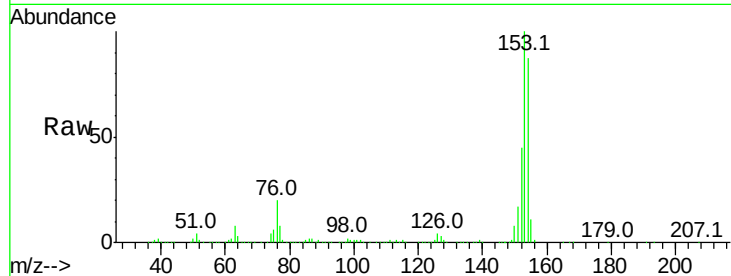
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	154	Resp:	600794
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.5	135.7
152	51.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 31.533 ng

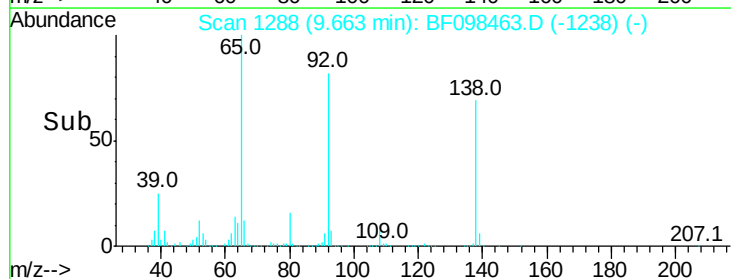
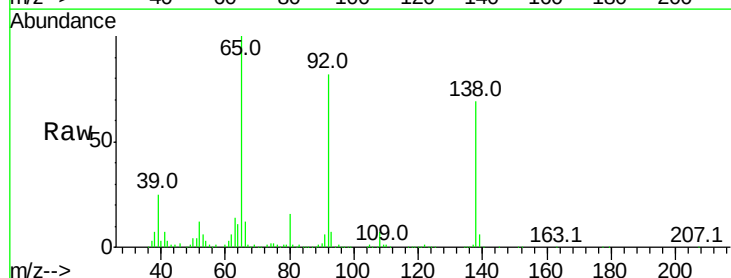
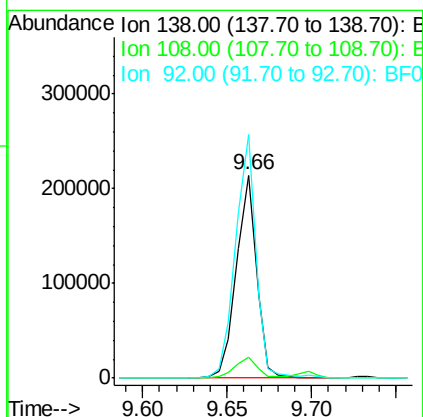
RT: 9.66 min Scan# 1288

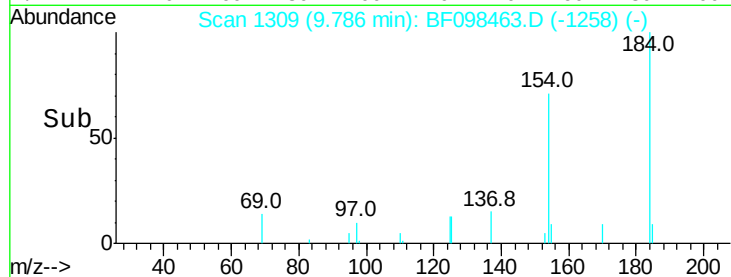
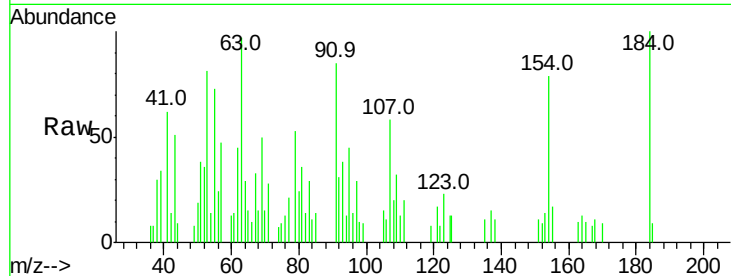
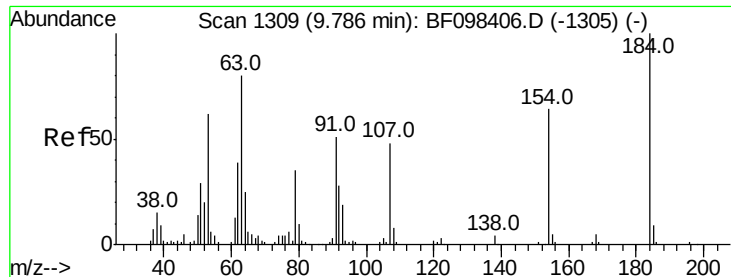
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	138	Resp:	178846
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.1	13.7
92	119.9	93.8	140.6





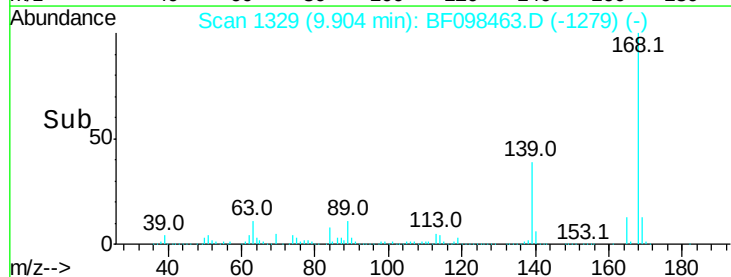
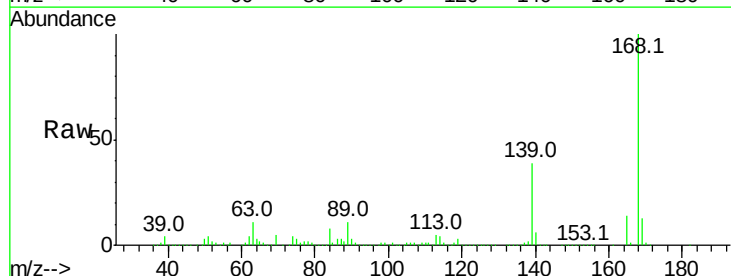
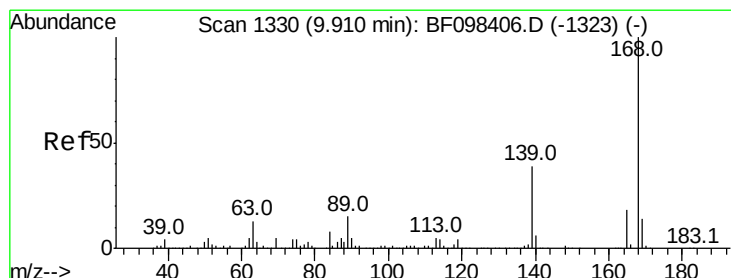
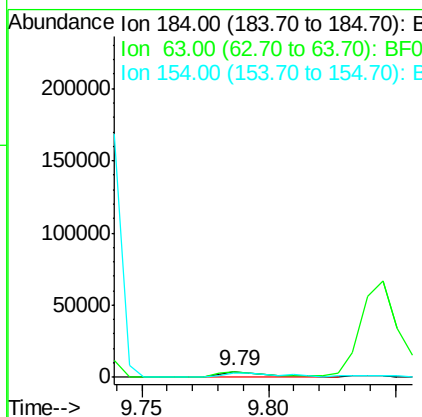
#53
2,4-Dinitrophenol
Concen: 10.822 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tot Ion	Ratio	Resp	Lower	Upper
184	100	5710		
63	96.8	62.7	94.1#	
154	78.5	81.1	121.7#	

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

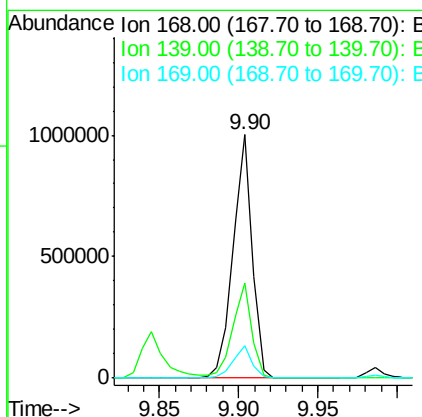
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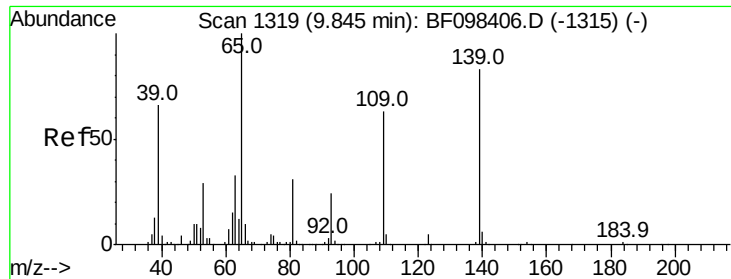
Sohil
9/13/2017 5:00:12 PM



#54
Dibenzofuran
Concen: 35.702 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	839664		
139	39.2	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 59.467 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

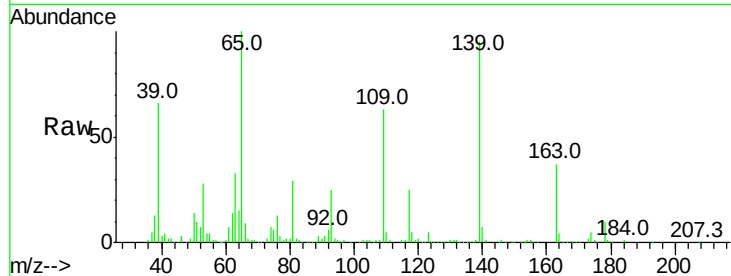
ClientSampled :

RL-5-0-13.75MSD

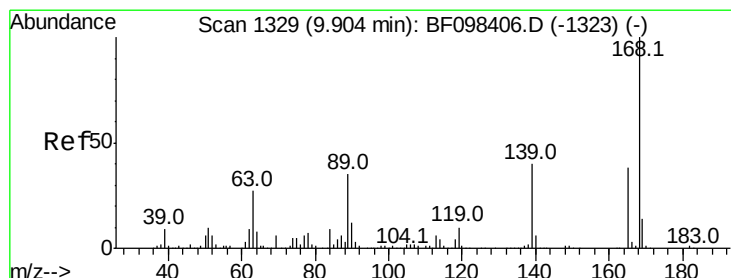
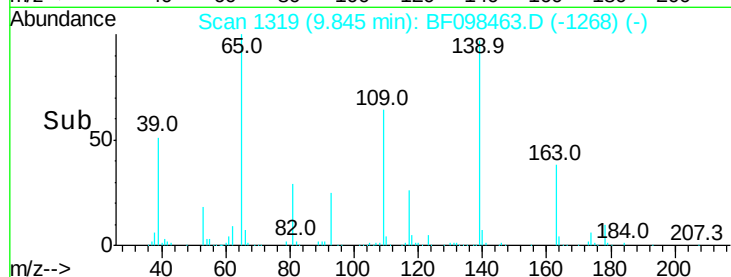
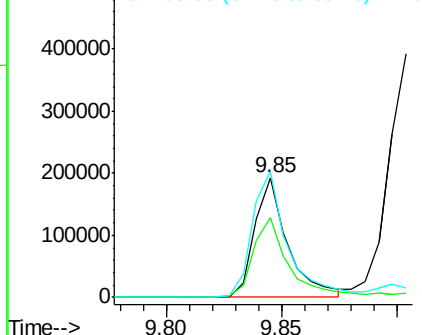
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.5	34.1	74.1	
65	105.2	31.4	71.4	

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.548 ng

RT: 9.90 min Scan# 1328

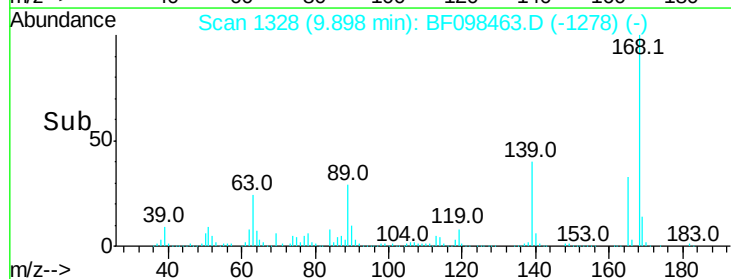
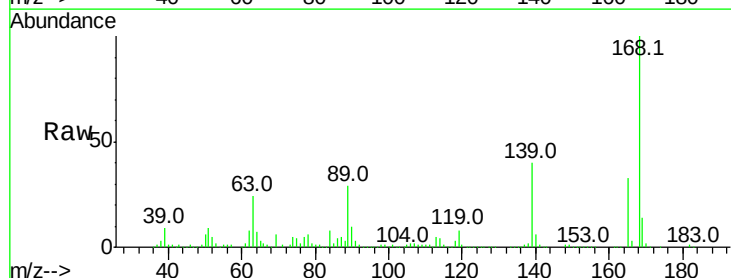
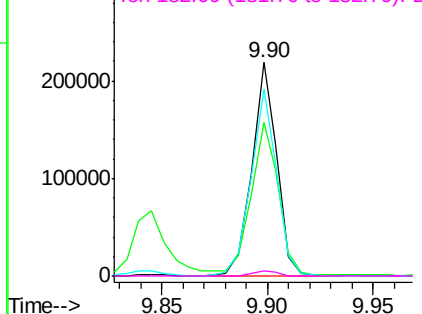
Delta R.T. -0.01 min

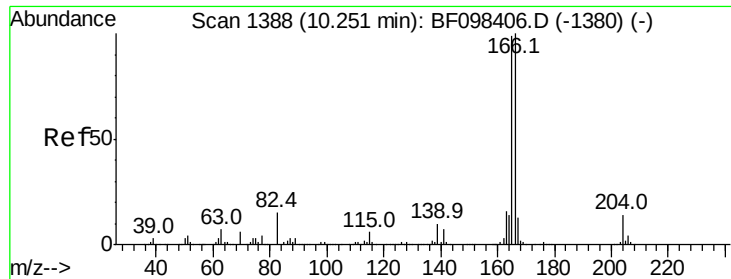
Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.2	25.4	38.0	
89	87.3	46.4	69.6	
182	2.4	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.056 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

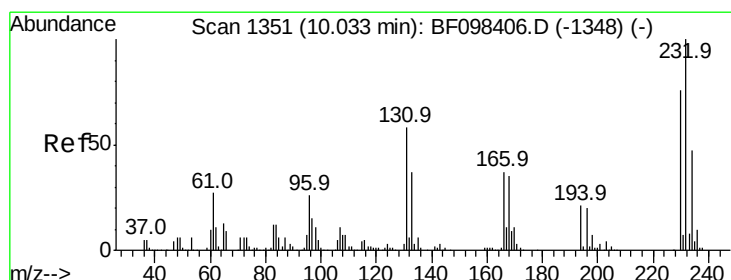
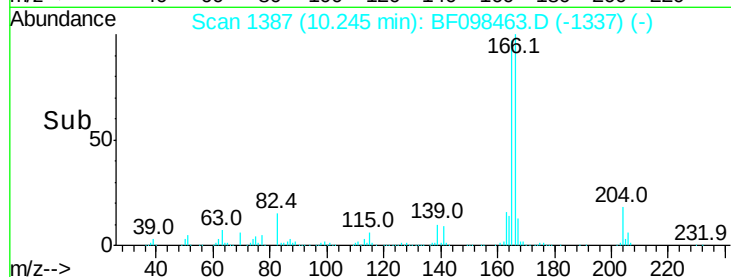
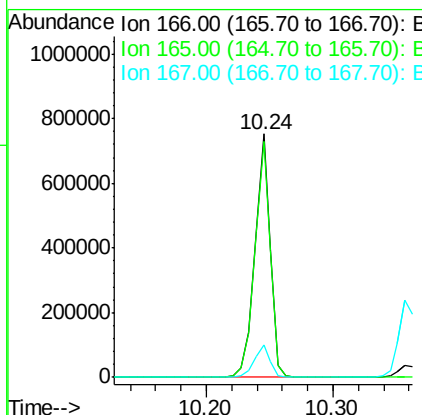
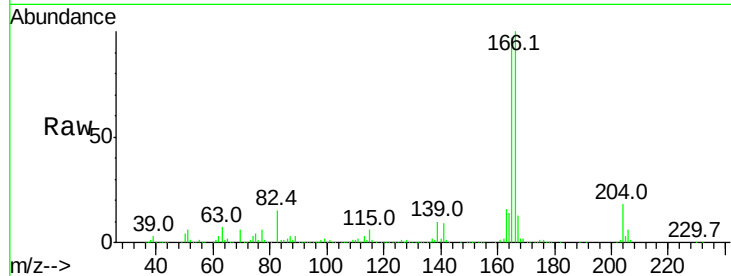
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	166	Resp:	643481
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.8	118.2
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.579 ng

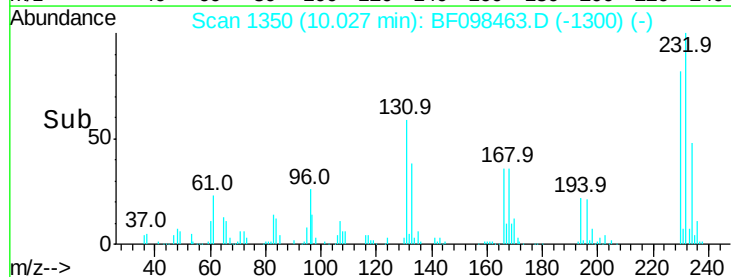
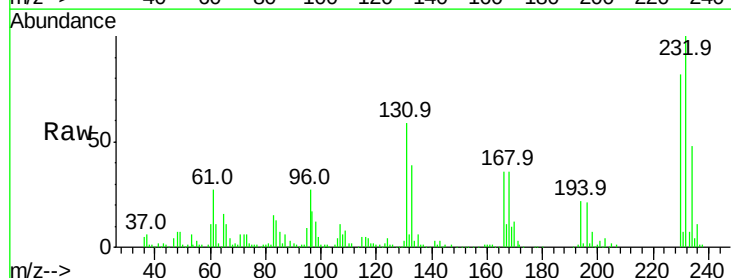
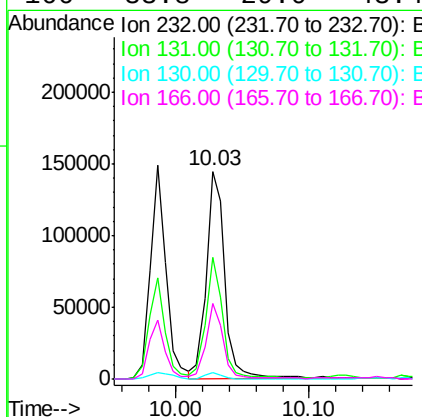
RT: 10.03 min Scan# 1350

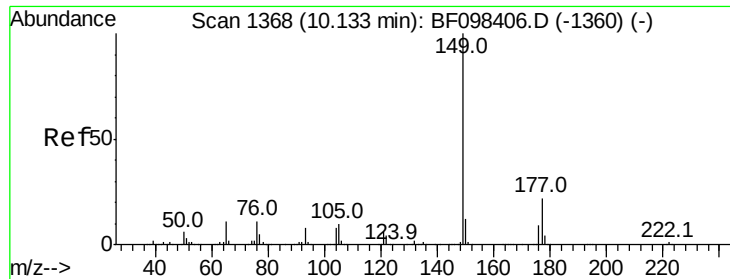
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	232	Resp:	138915
Ion Ratio	Lower	Upper	
232	100		
131	53.4	44.8	67.2
130	2.8	2.3	3.5
166	33.8	29.0	43.4





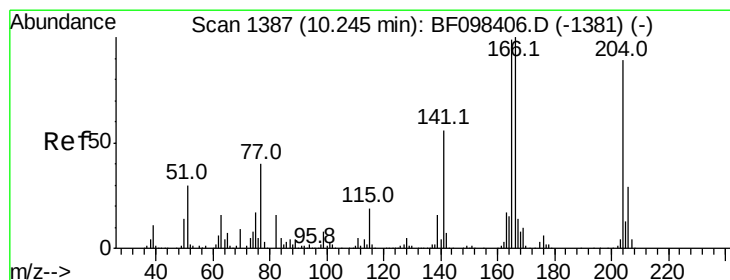
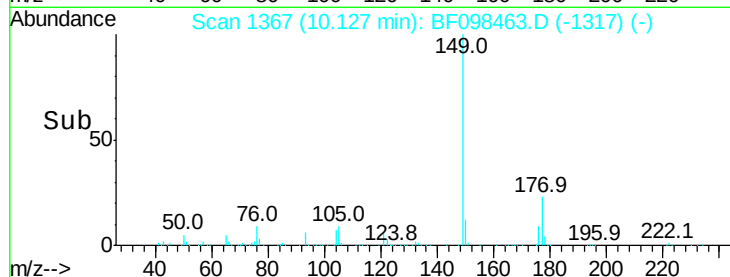
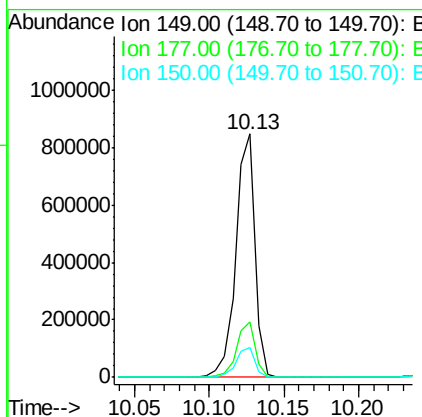
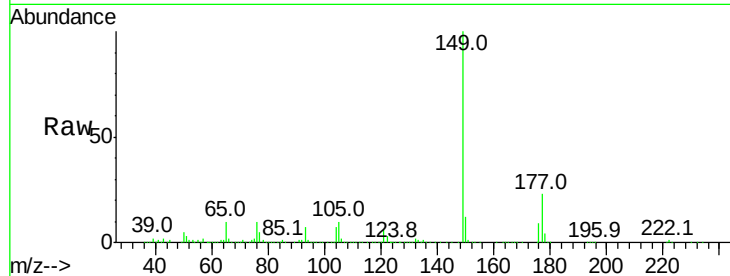
#59
Diethylphthalate
Concen: 35.009 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	761556		
177	22.6	16.7	25.1	
150	12.3	10.2	15.2	

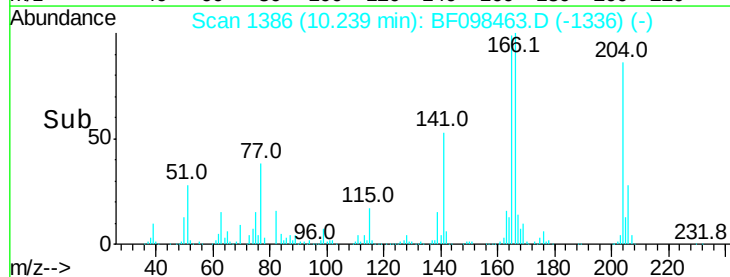
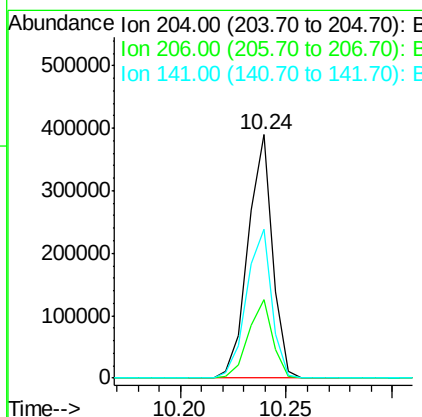
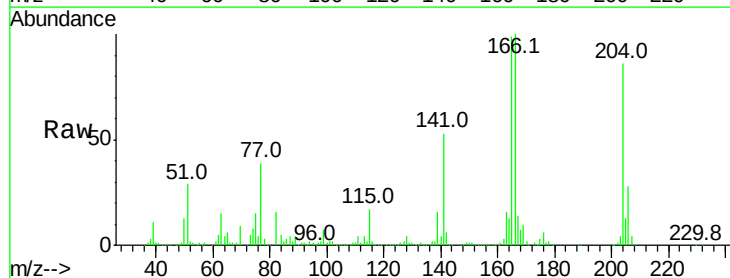
Manual Integrations
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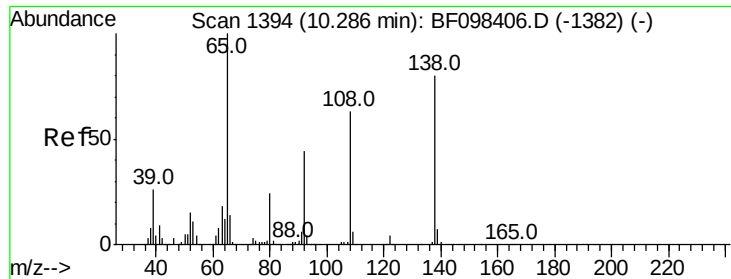
Sohil
9/13/2017 5:00:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.897 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313768		
206	32.5	26.2	39.2	
141	61.1	60.8	91.2	





#61

4-Nitroaniline

Concen: 31.678 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

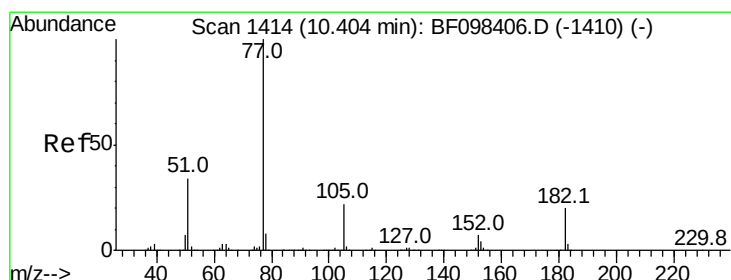
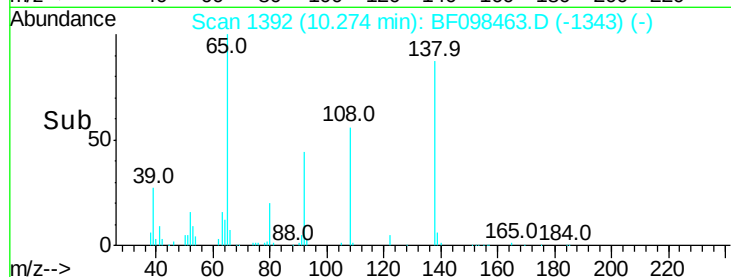
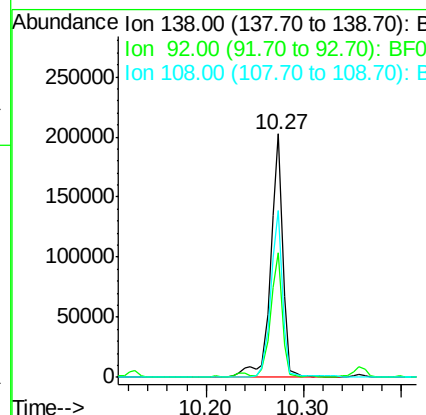
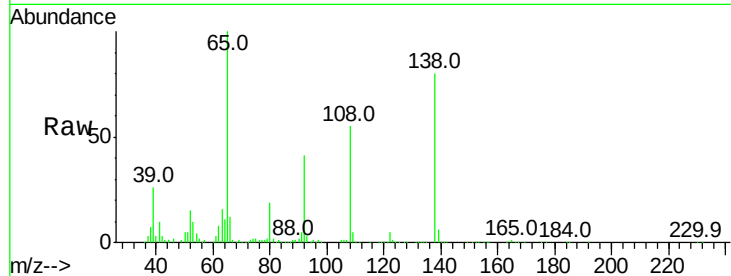
ClientSampled :

RL-5-0-13.75MSD

Tot Ion:	138	Resp:	181444
Ion Ratio	Lower	Upper	
138	100		
92	50.9	21.8	61.8
108	68.4	42.3	82.3

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#62

Azobenzene

Concen: 31.141 ng

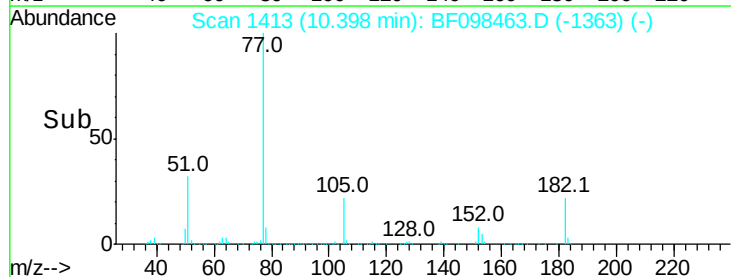
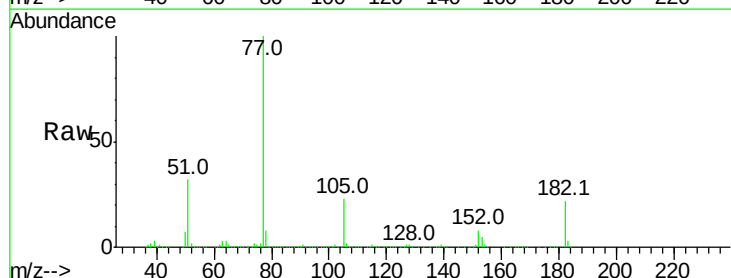
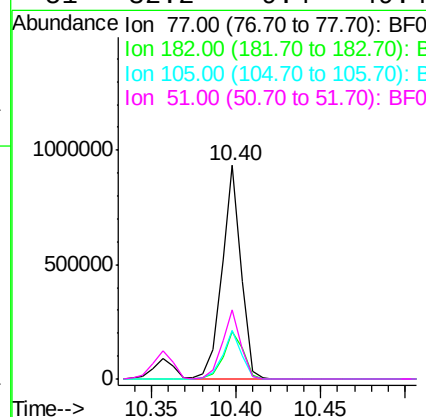
RT: 10.40 min Scan# 1413

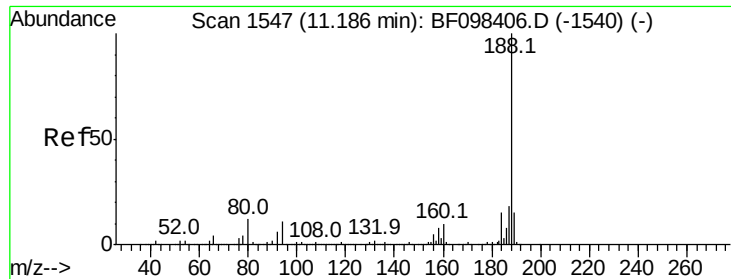
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	77	Resp:	730102
Ion Ratio	Lower	Upper	
77	100		
182	22.2	0.1	40.1
105	22.6	3.6	43.6
51	32.2	9.4	49.4





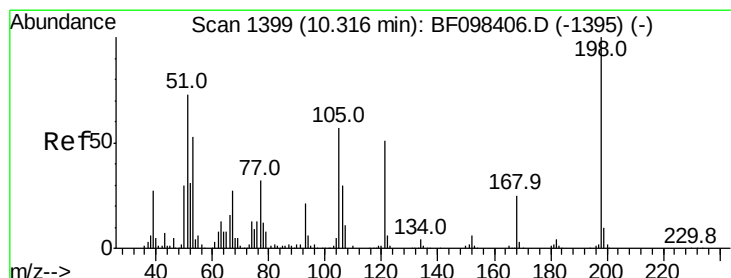
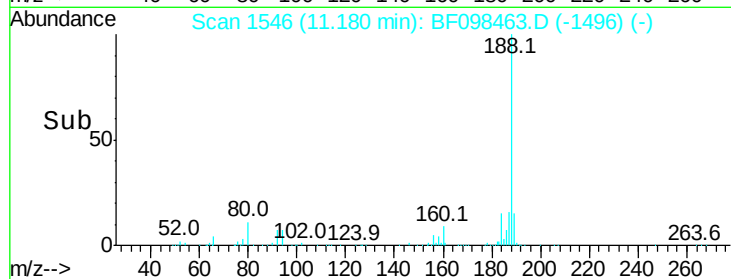
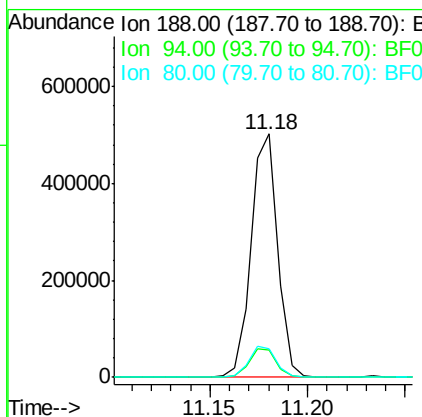
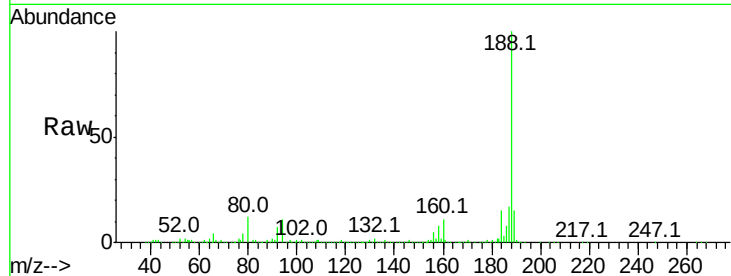
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	470733		
94	11.4		9.4	14.2
80	11.9		10.2	15.2

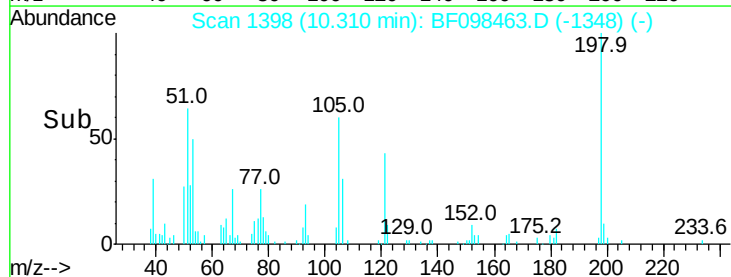
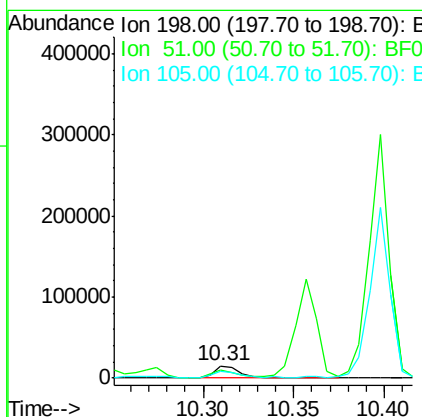
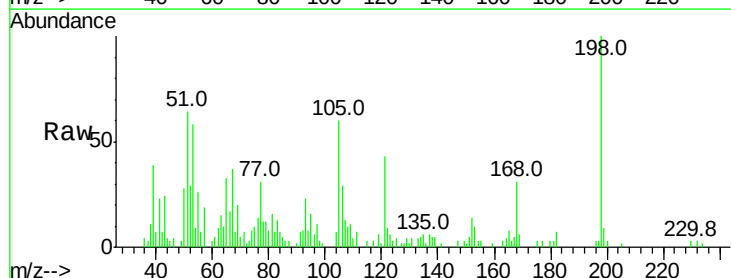
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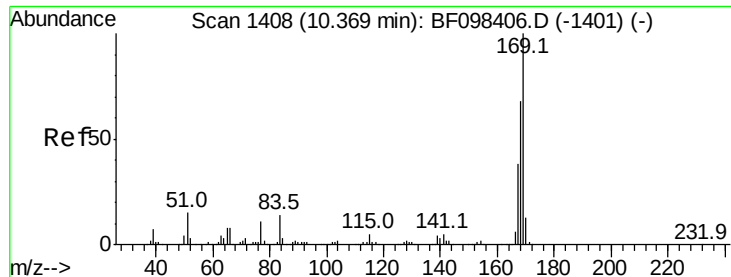
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.774 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15490		
51	63.9		53.2	93.2
105	59.6		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 37.921 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

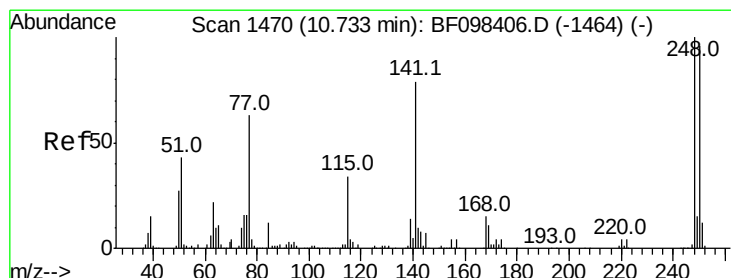
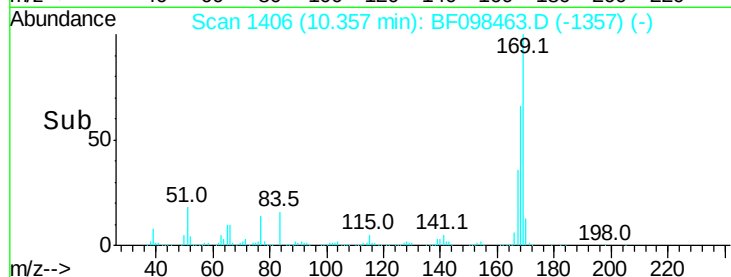
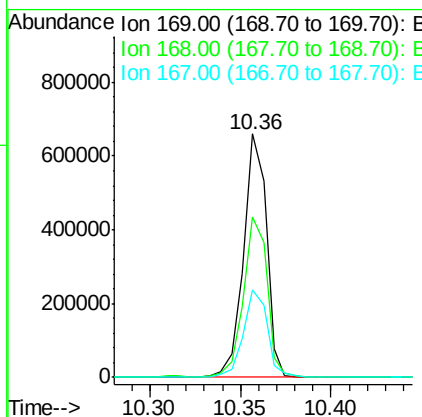
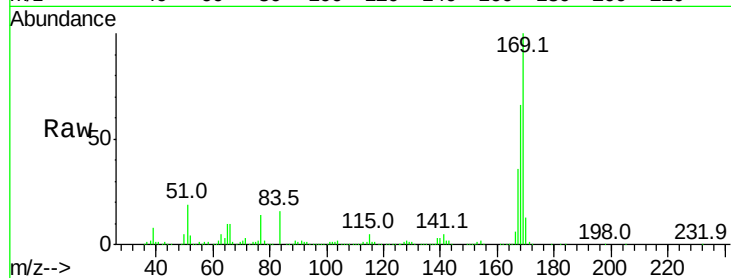
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	169	Resp:	579620
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.2	79.8
167	36.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 38.446 ng

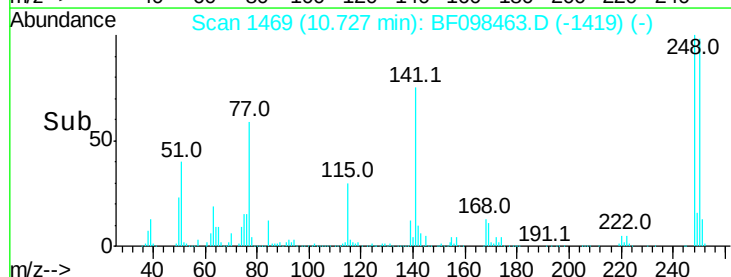
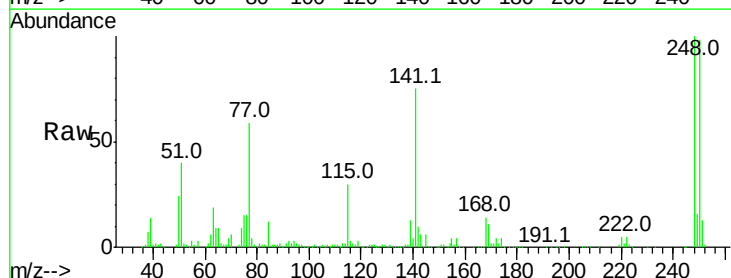
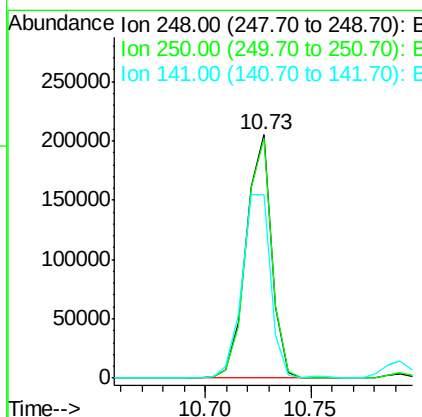
RT: 10.73 min Scan# 1469

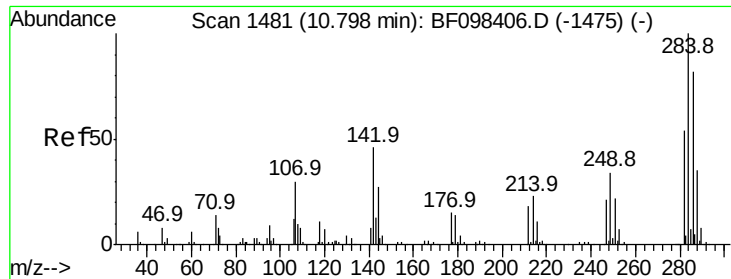
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	248	Resp:	171765
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.8	115.2
141	75.2	68.6	103.0





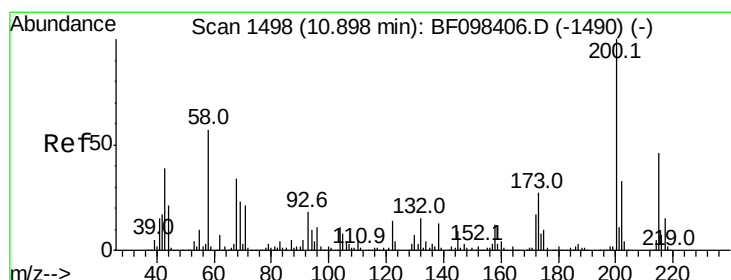
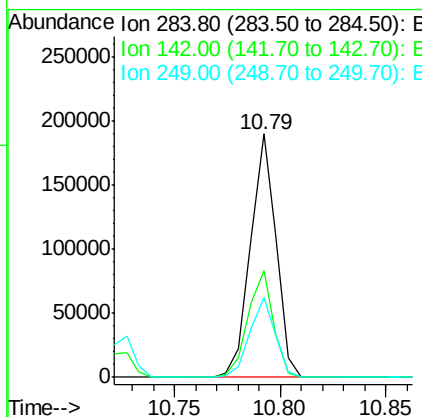
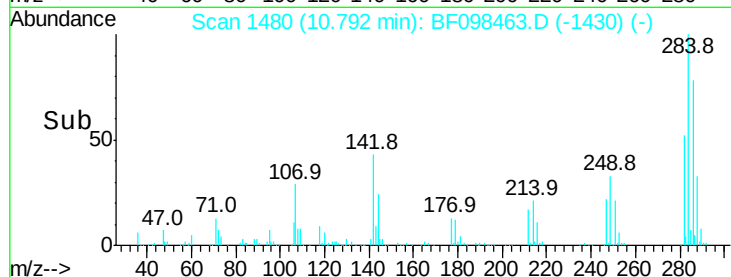
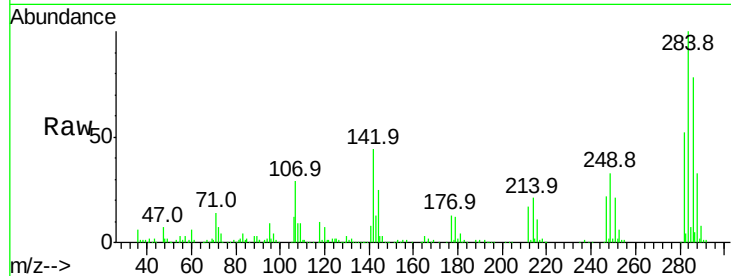
#67
Hexachlorobenzene
Concen: 35.376 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	160316		
142	43.9	22.8	34.2#	
249	32.9	24.0	36.0	

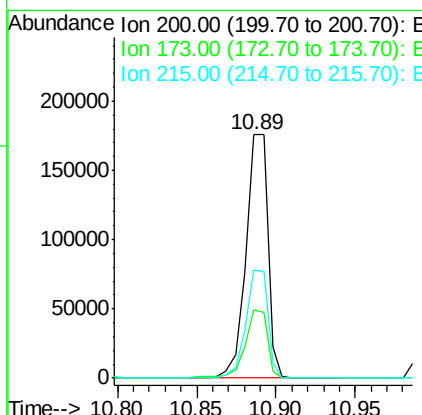
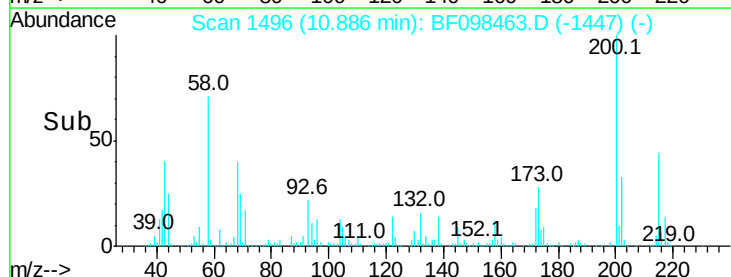
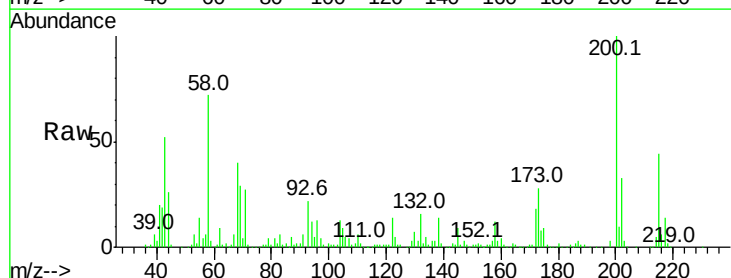
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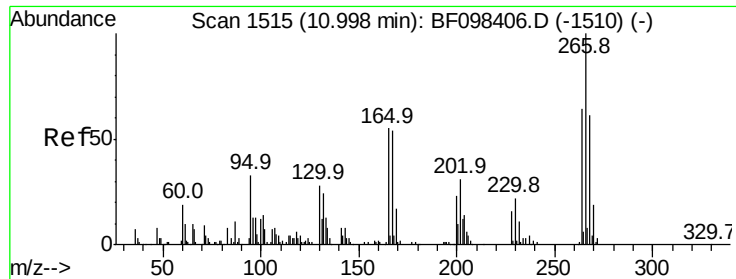
Sohil
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#68
Atrazine
Concen: 35.789 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168409		
173	28.1	6.3	46.3	
215	44.3	27.2	67.2	





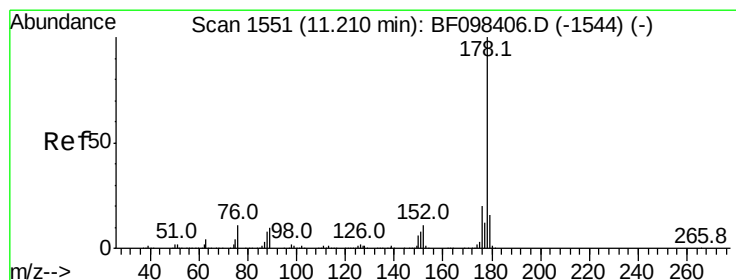
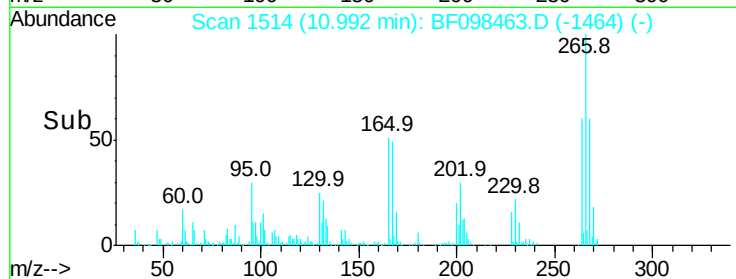
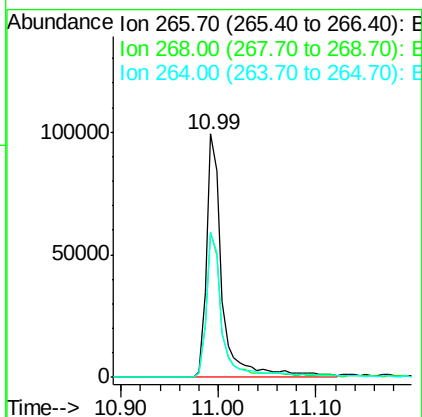
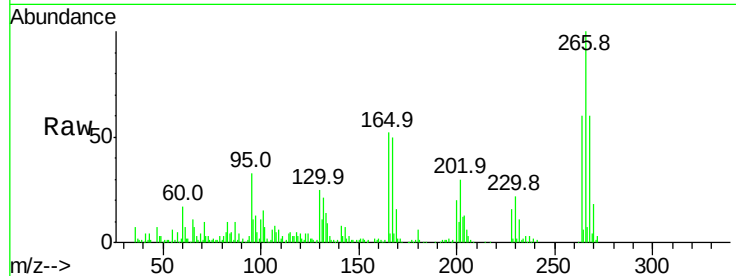
#69
 Pentachlorophenol
 Concen: 58.018 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion:	266	Resp:	112197
Ion Ratio		Lower	Upper
266	100		
268	59.7	51.1	76.7
264	59.7	51.7	77.5

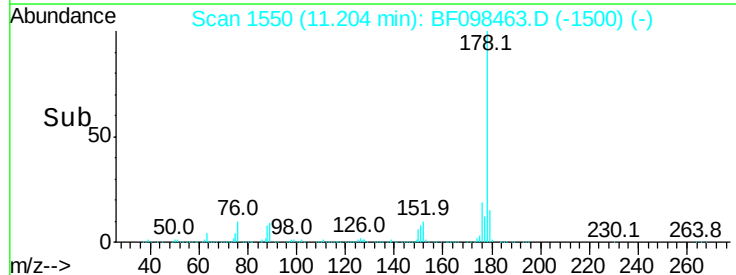
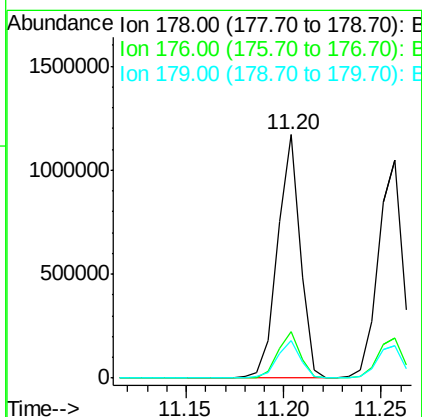
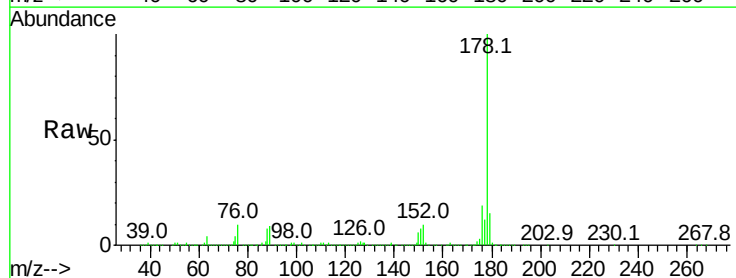
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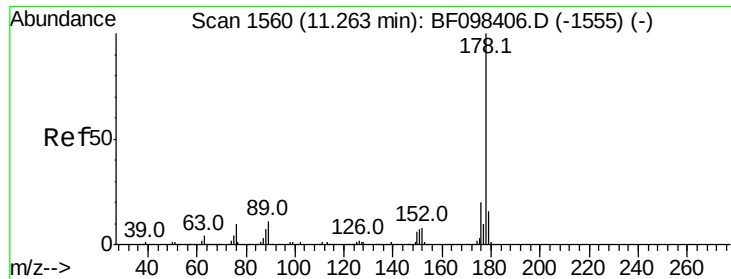
Sohil
 9/13/2017 5:00:12 PM



#70
 Phenanthrene
 Concen: 37.751 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion:	178	Resp:	942078
Ion Ratio		Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0





#71

Anthracene

Concen: 35.415 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:178 Resp: 907383

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

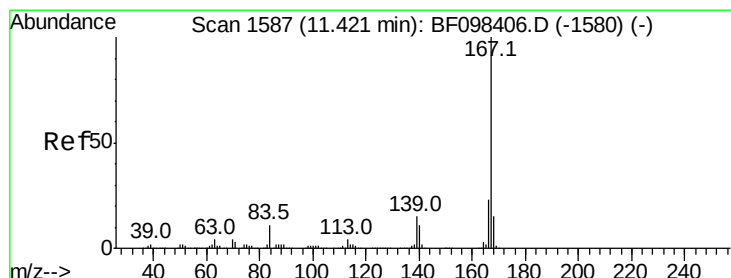
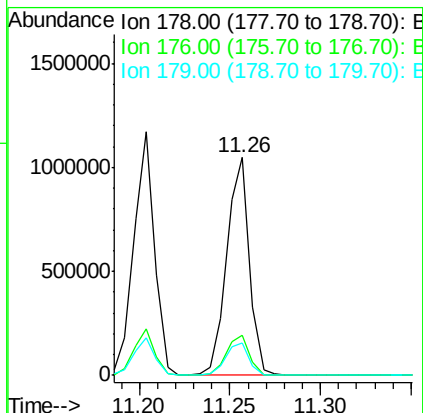
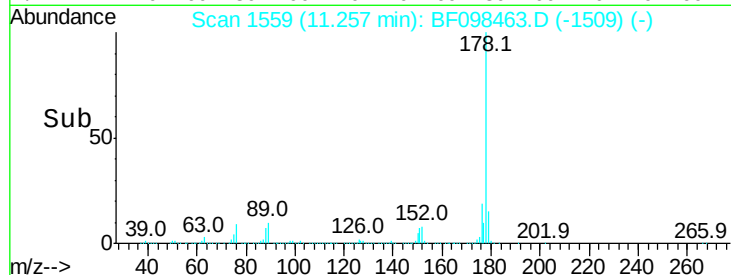
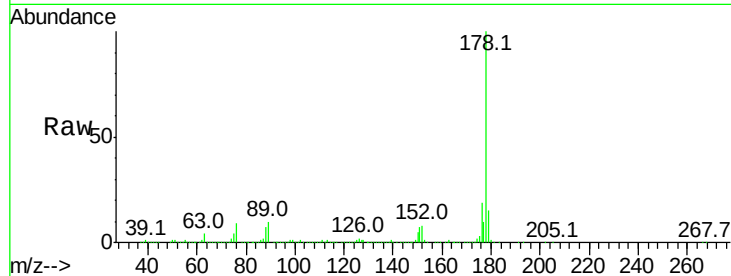
179 15.0 12.7 19.1

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#72

Carbazole

Concen: 33.757 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

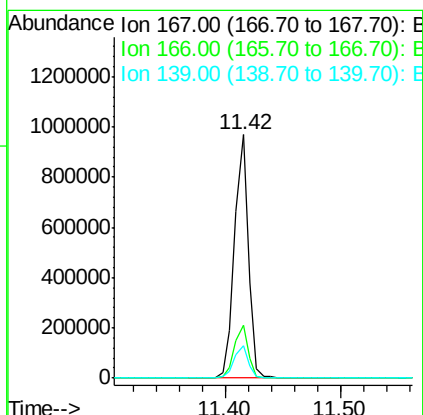
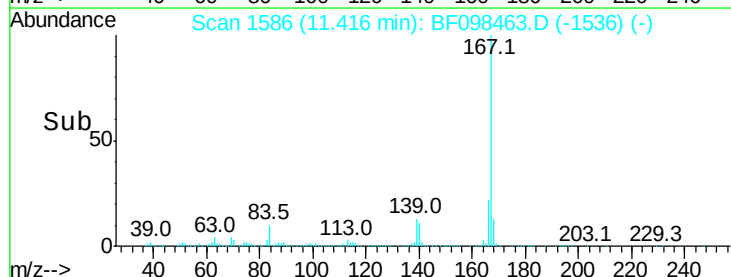
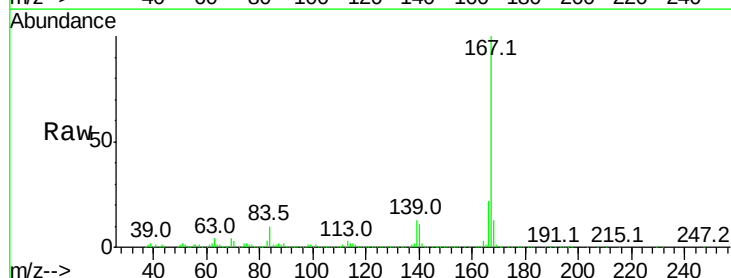
Tgt Ion:167 Resp: 806054

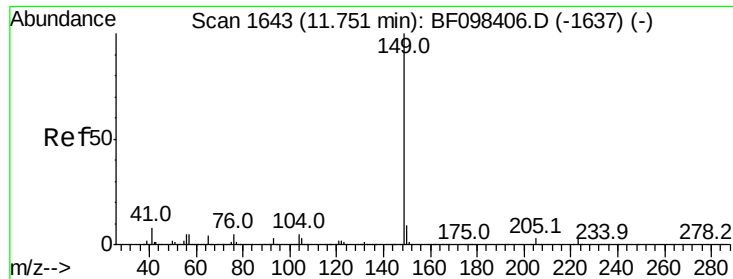
Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.406 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

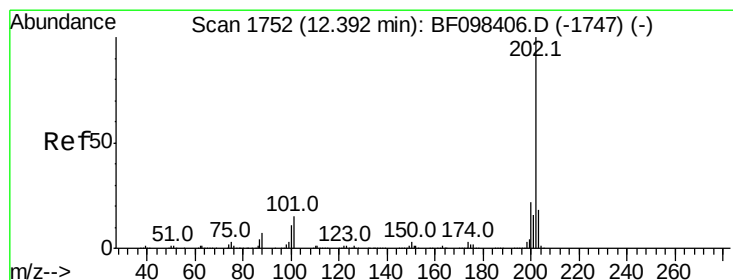
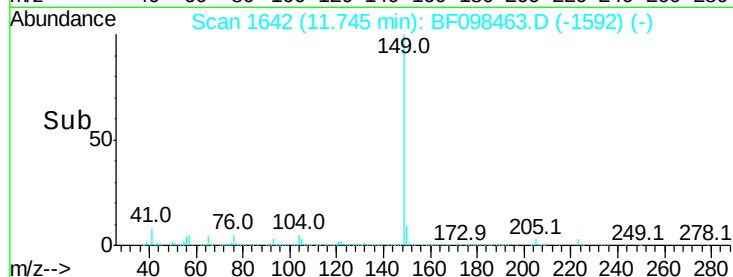
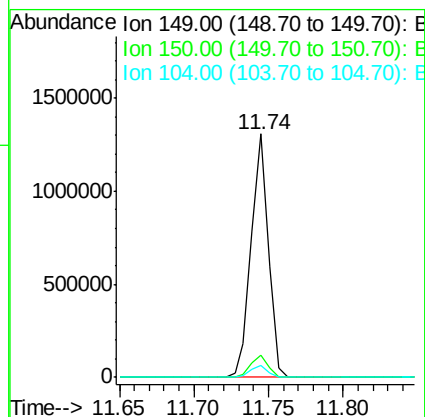
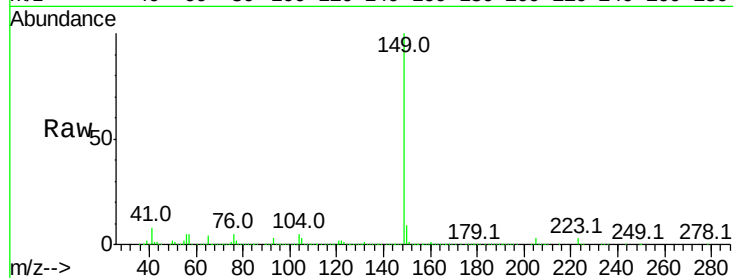
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	149	Resp:	1041545
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.0	4.0	6.0

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#74

Fluoranthene

Concen: 38.380 ng

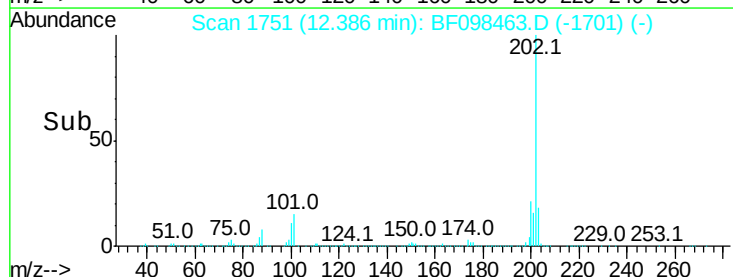
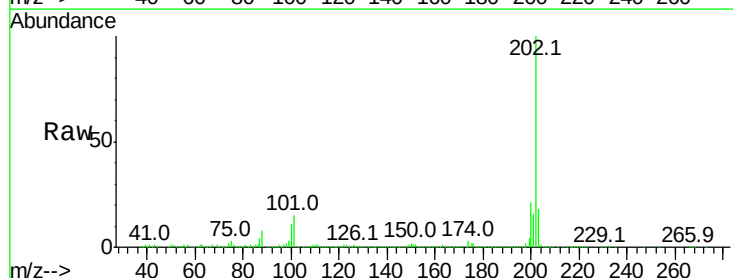
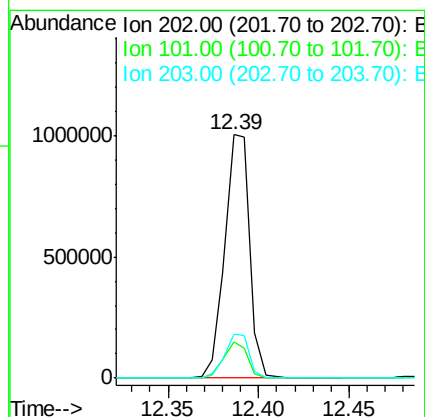
RT: 12.39 min Scan# 1751

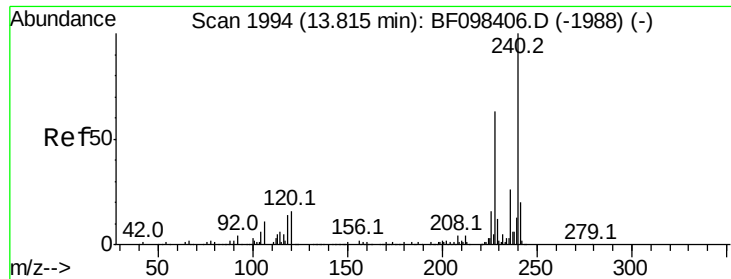
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	202	Resp:	958794
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:240 Resp: 337917
Ion Ratio Lower Upper

240 100

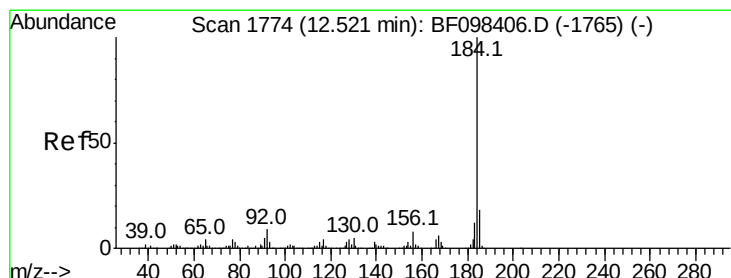
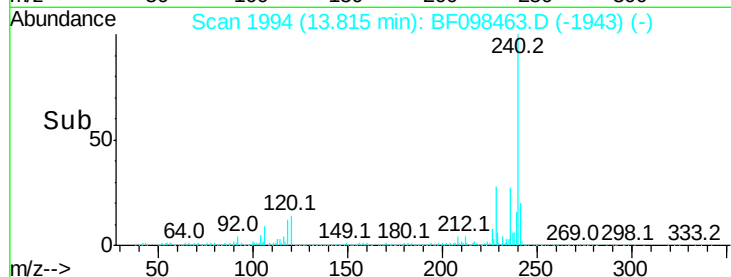
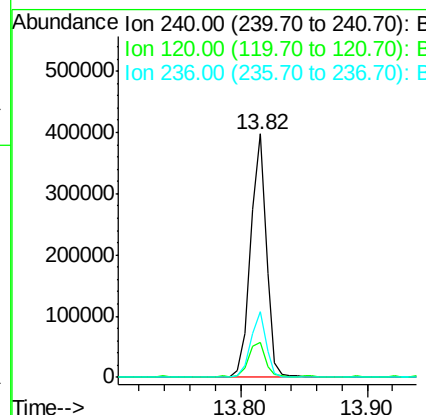
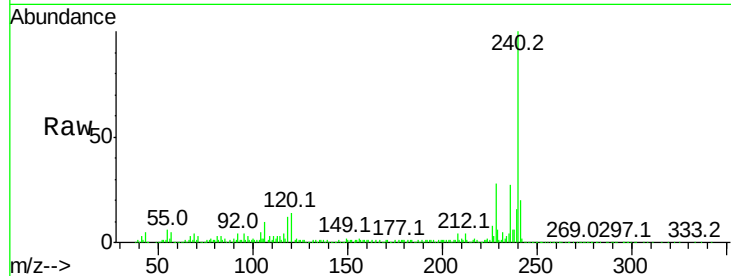
120 14.2 5.8 8.8#

236 26.8 20.5 30.7

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#76

Benzidine

Concen: 17.995 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098463.D

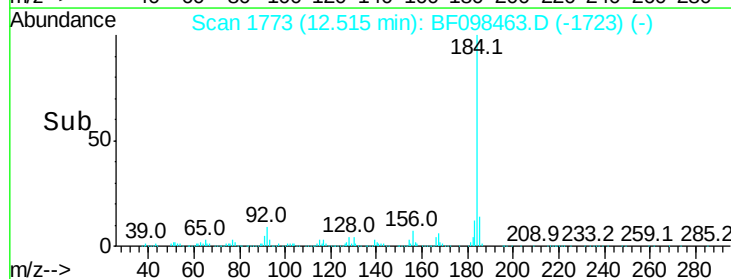
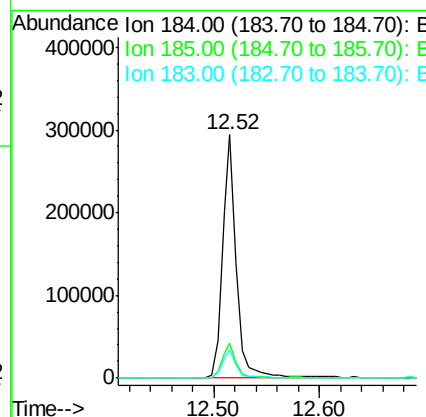
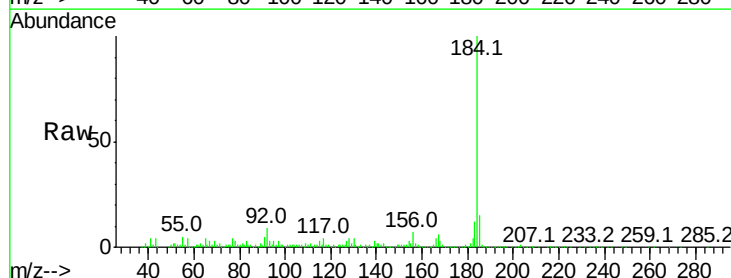
Acq: 12 Sep 2017 21:14

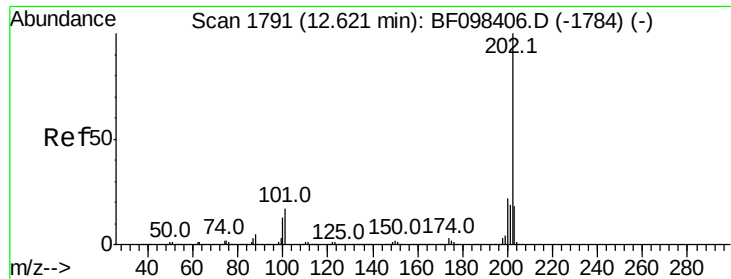
Tgt Ion:184 Resp: 269114
Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

183 11.8 9.8 14.6





#77

Pvrene

Concen: 36.514 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

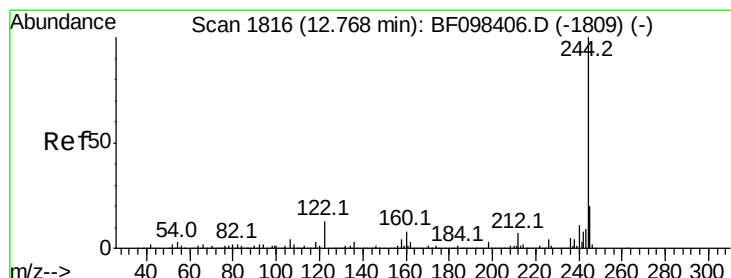
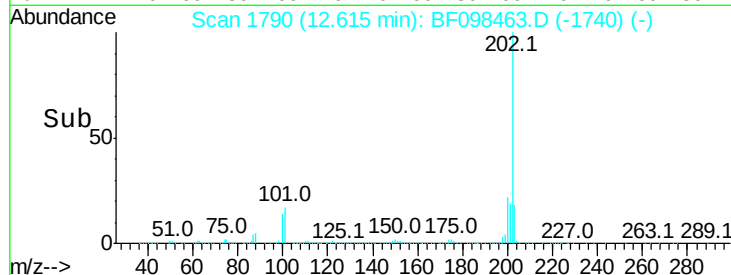
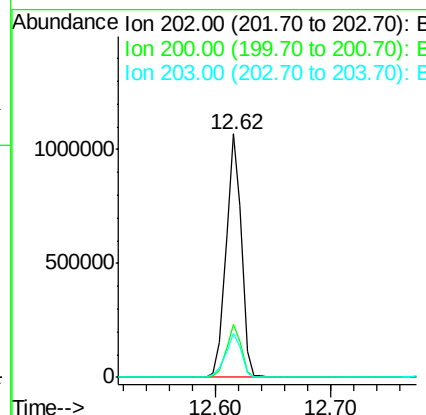
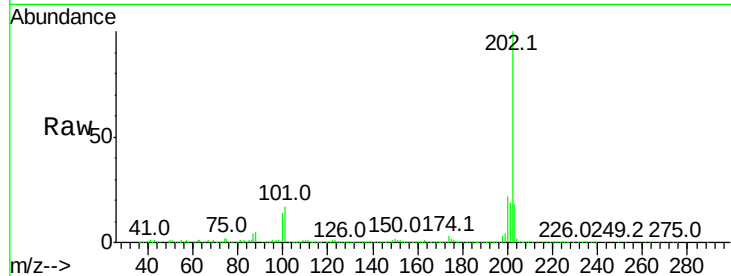
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion:	202	Resp:	973364
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	18.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 59.546 ng

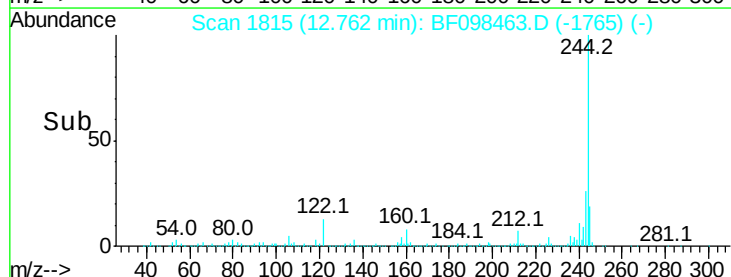
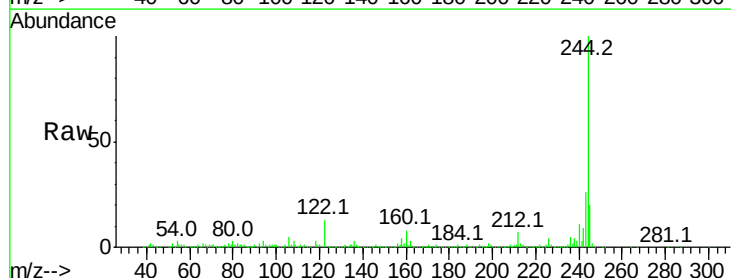
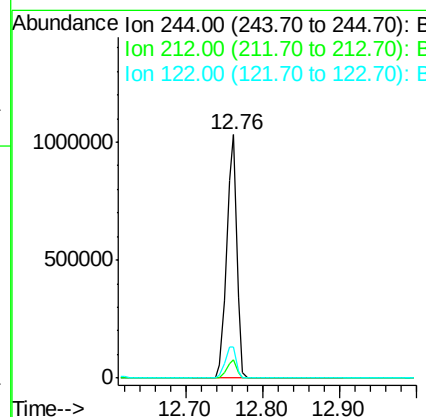
RT: 12.76 min Scan# 1815

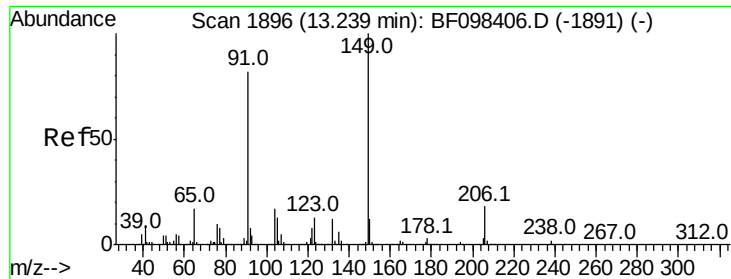
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion:	244	Resp:	932215
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	12.6	10.3	15.5





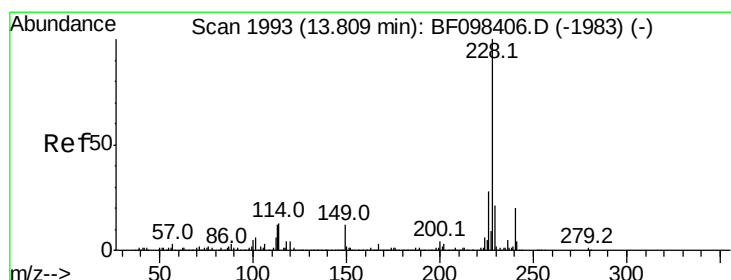
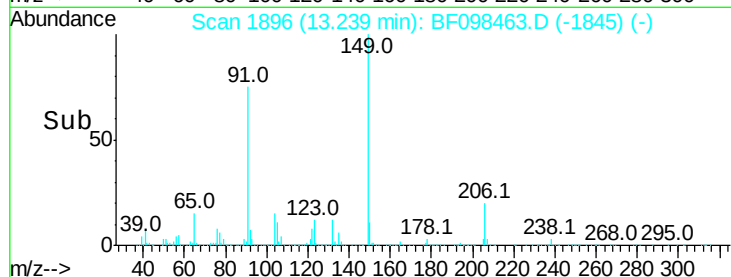
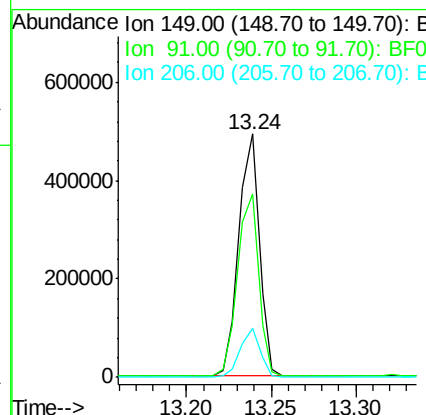
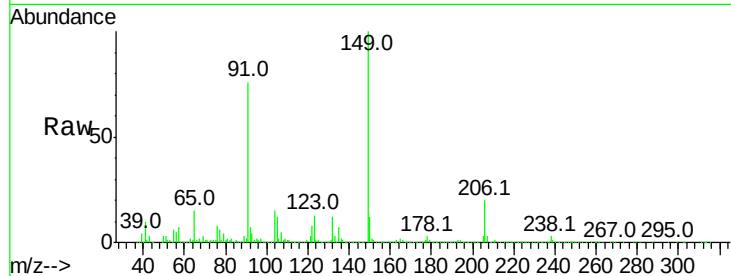
#79
Butylbenzylphthalate
Concen: 36.127 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.5	45.0	67.4#
206	20.0	17.0	25.6

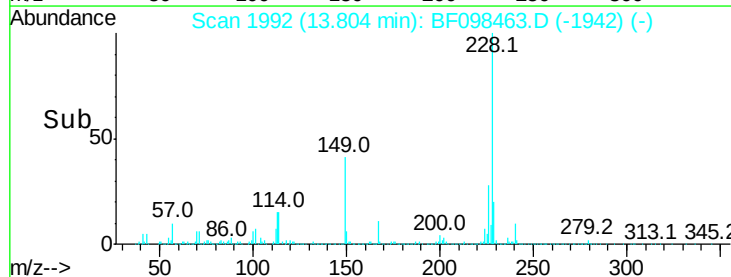
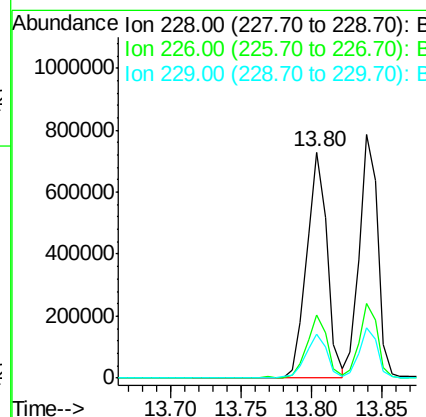
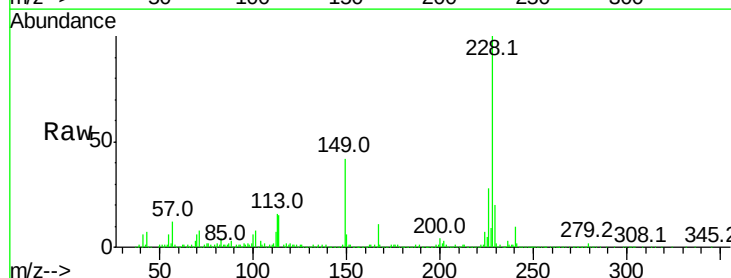
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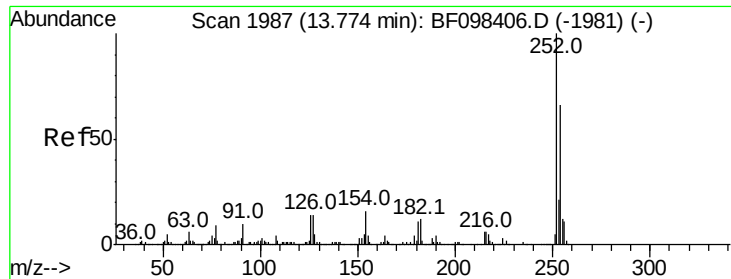
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#80
Benzo(a)anthracene
Concen: 36.811 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	16.3	24.5





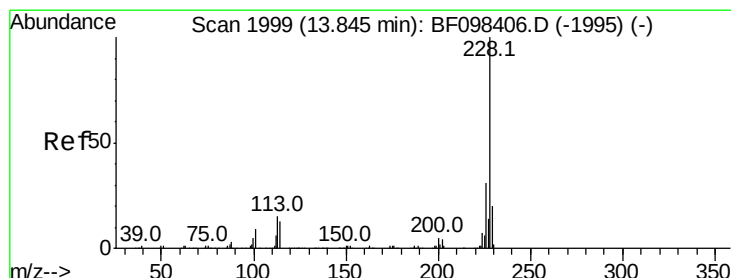
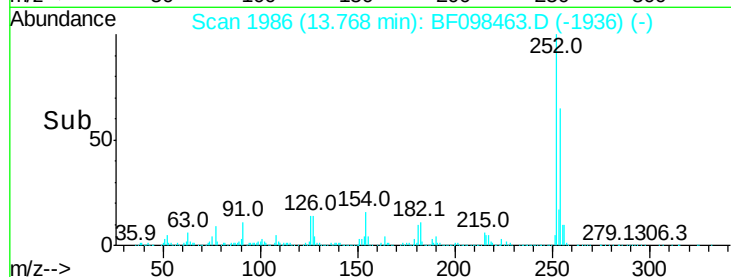
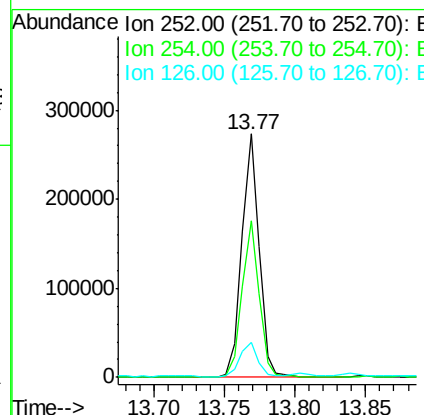
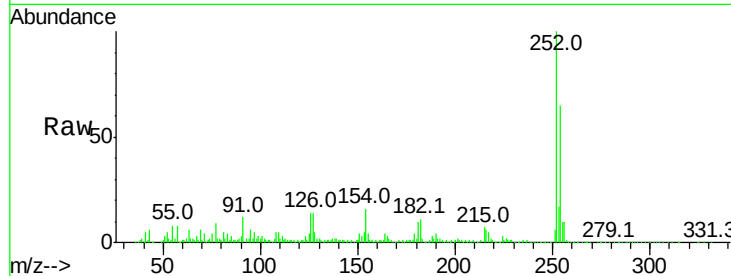
#81
 3,3'-Dichlorobenzidine
 Concen: 30.511 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.4	15.8	23.8

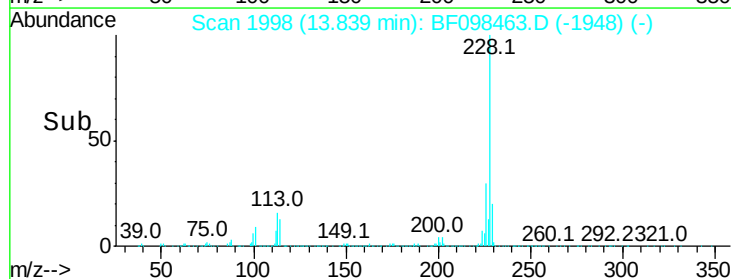
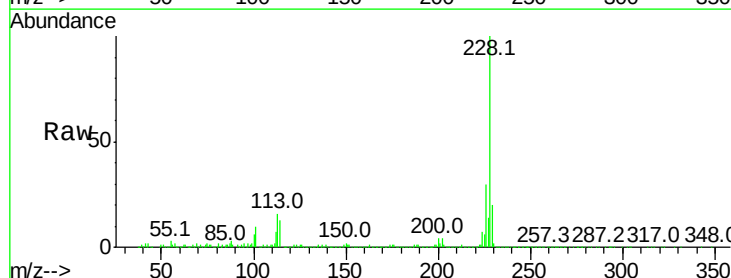
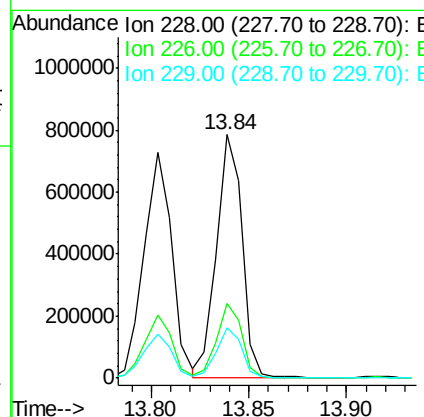
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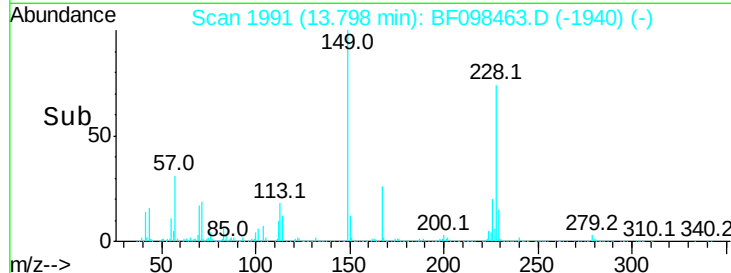
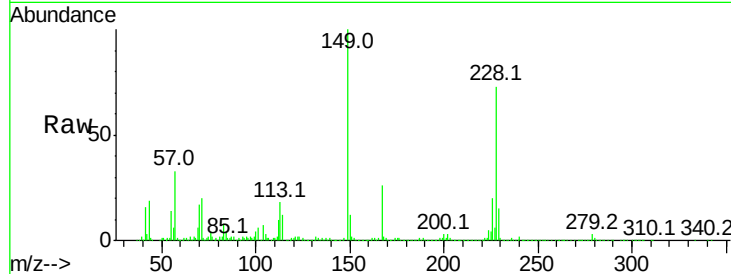
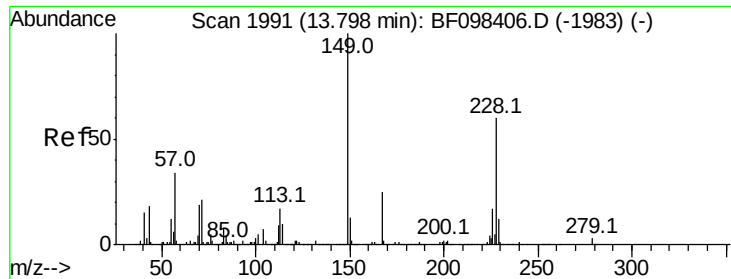
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 9/13/2017 5:00:12 PM



#82
 Chrysene
 Concen: 35.367 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.038 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF098463.D

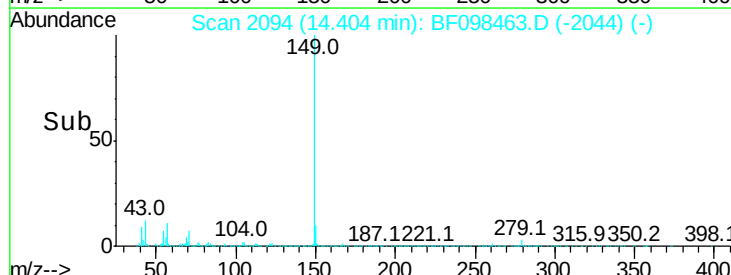
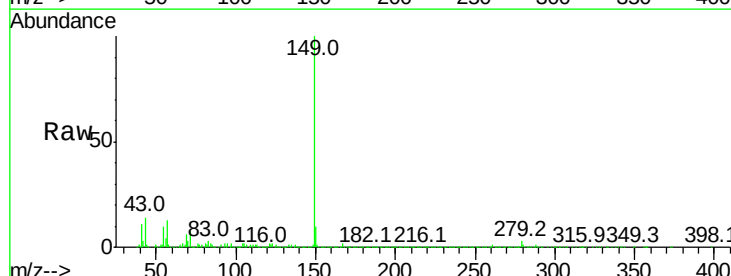
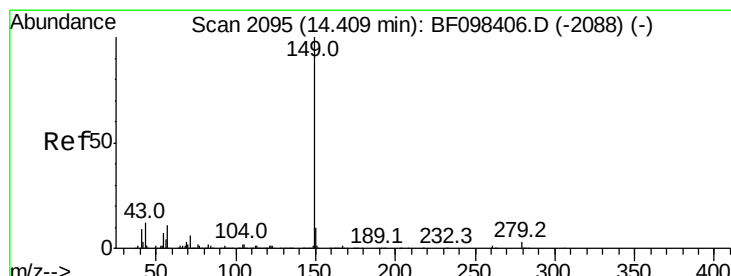
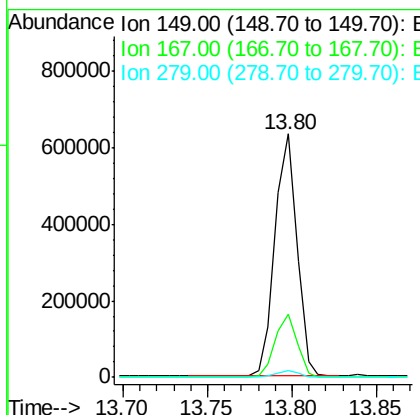
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	566592		
167	26.0	21.0	31.4	
279	3.0	1.9	2.9#	

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#84

Di-n-octyl phthalate

Concen: 39.466 ng

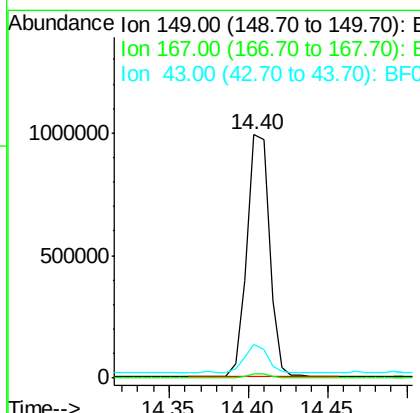
RT: 14.40 min Scan# 2094

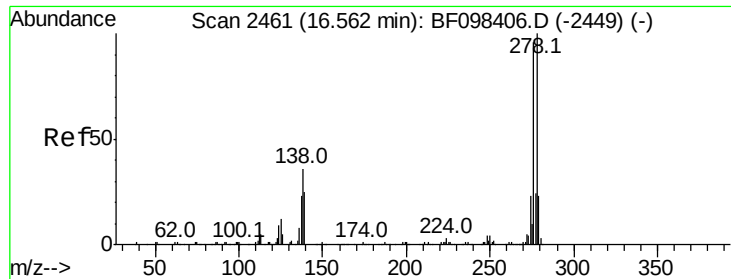
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	982770		
167	1.6	1.2	1.8	
43	12.2	8.5	12.7	





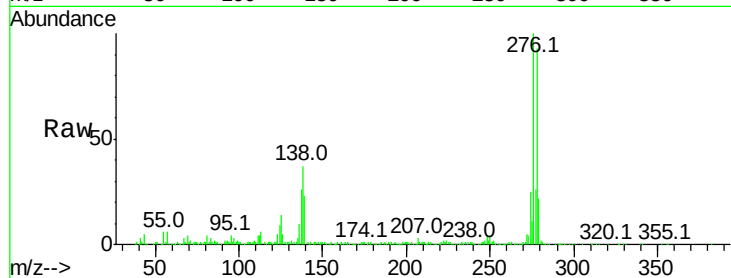
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.186 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.4	20.2	30.4

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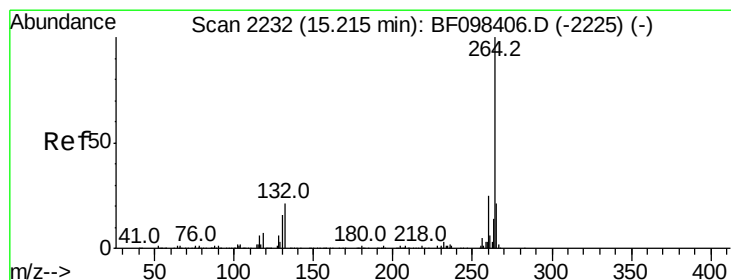
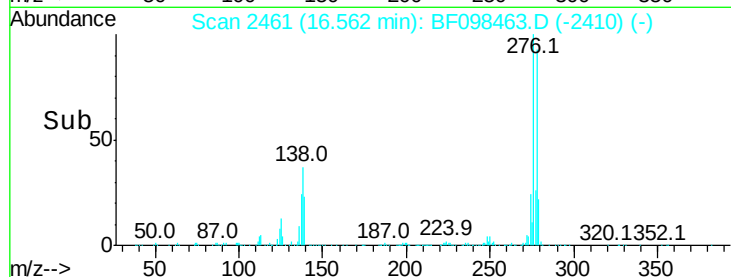
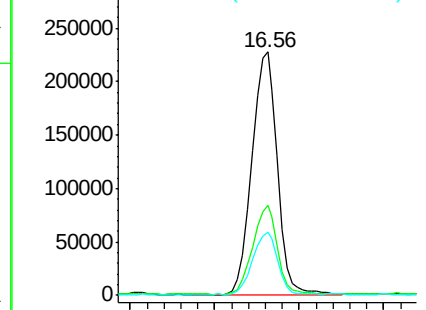


Abundance

Ion 276.00 (275.70 to 276.70): E

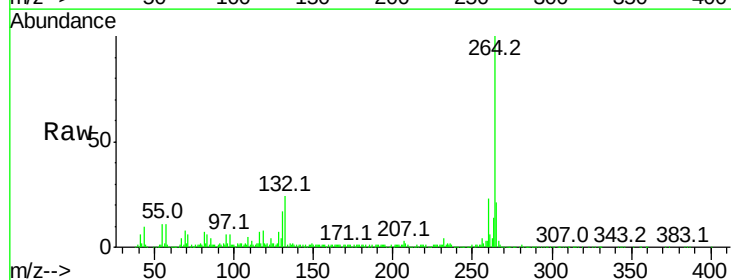
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8

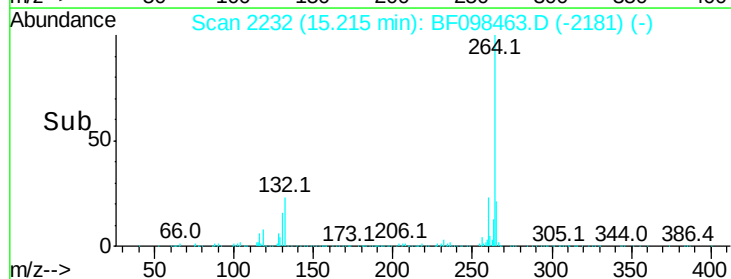
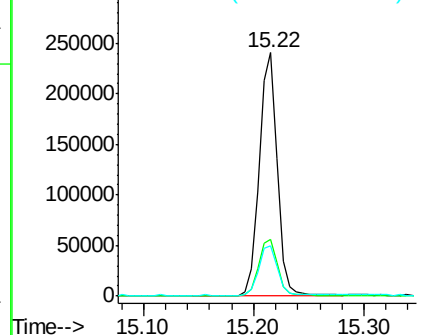


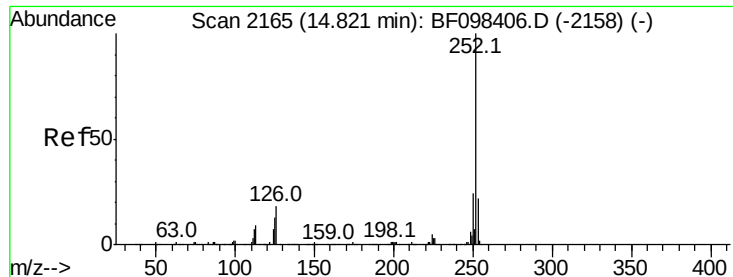
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.846 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Instrument :

BNA_F

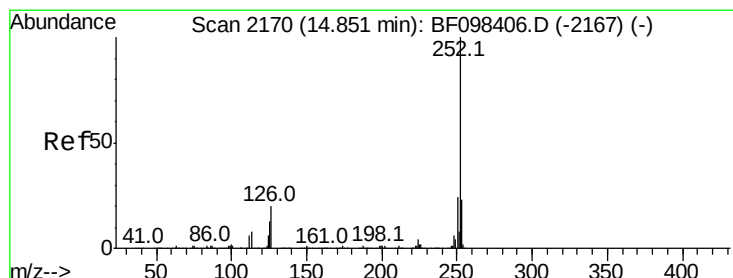
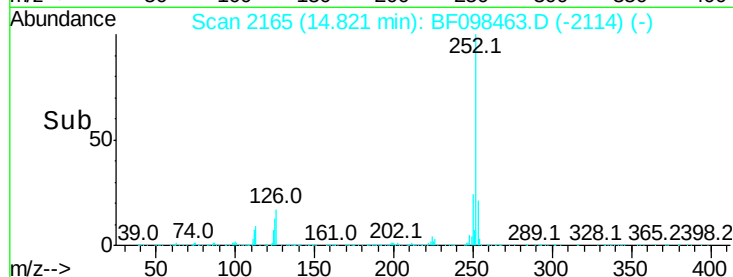
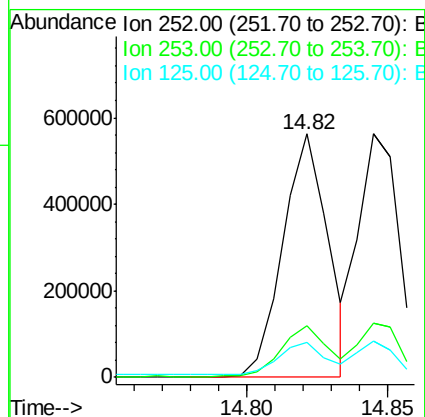
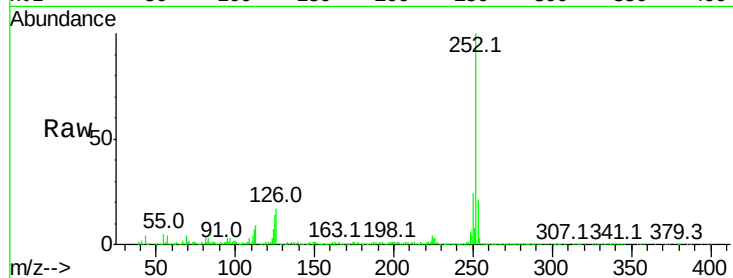
ClientSampleId :

RL-5-0-13.75MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	14.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 34.785 ng

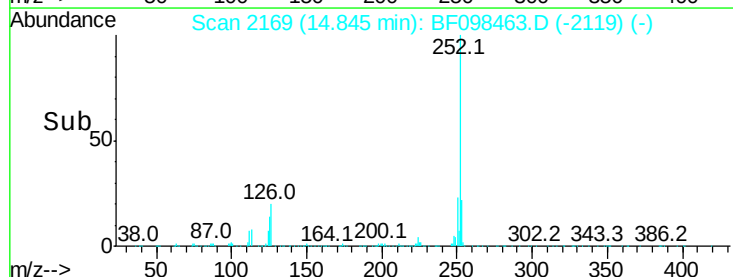
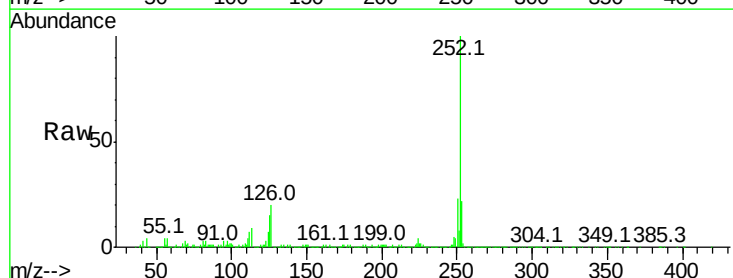
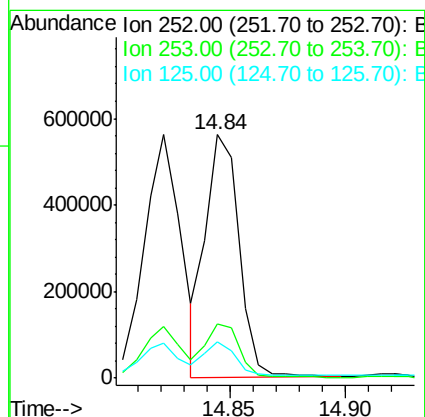
RT: 14.84 min Scan# 2169

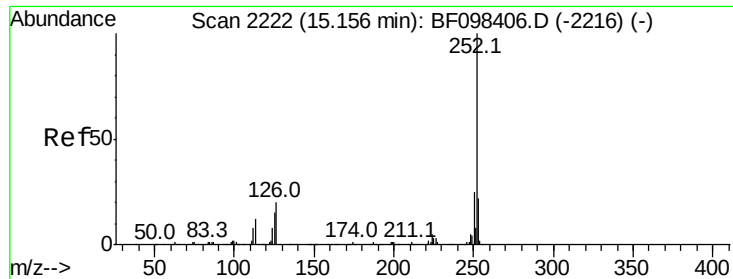
Delta R.T. -0.01 min

Lab File: BF098463.D

Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	15.0	13.1	19.7





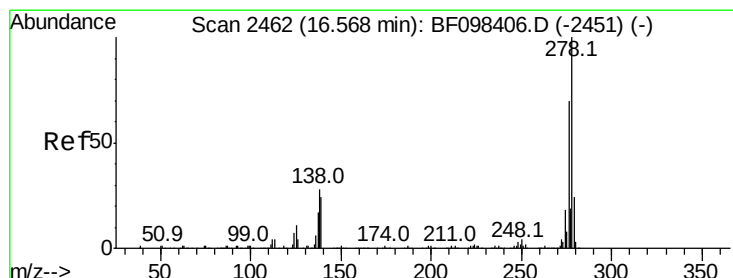
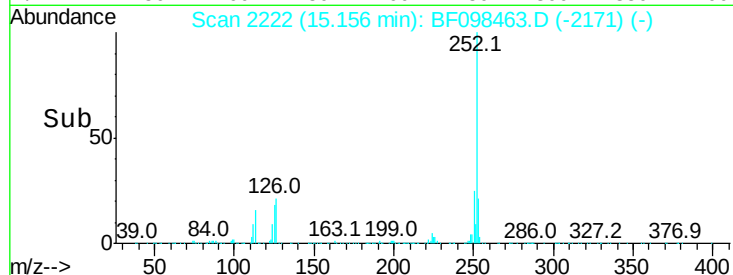
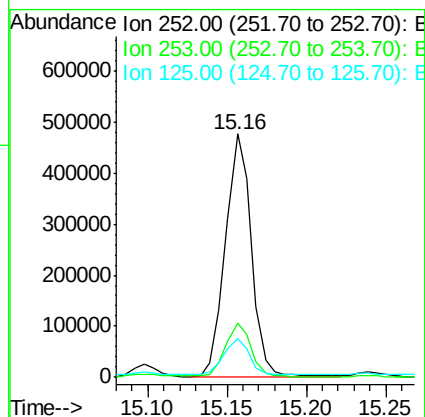
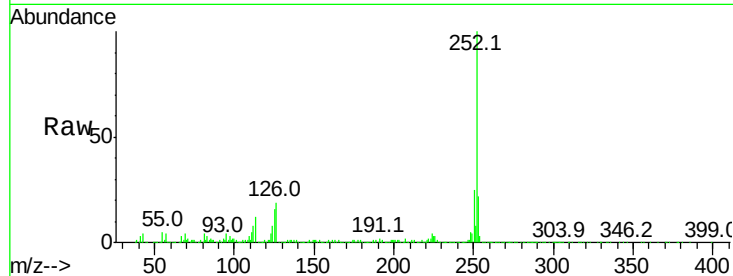
#89
Benzo(a)pyrene
Concen: 34.998 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	16.1	11.0	16.4

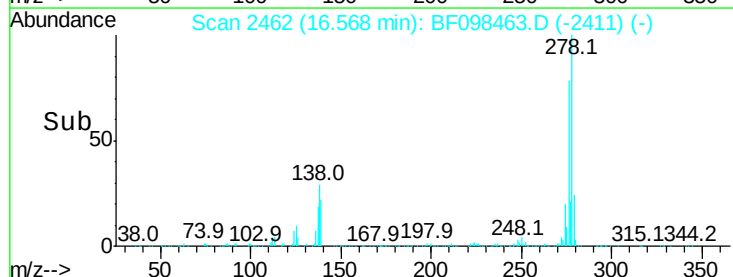
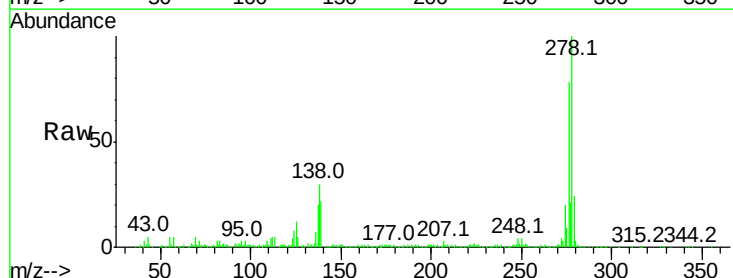
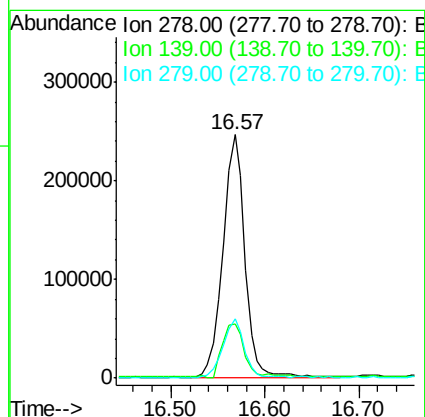
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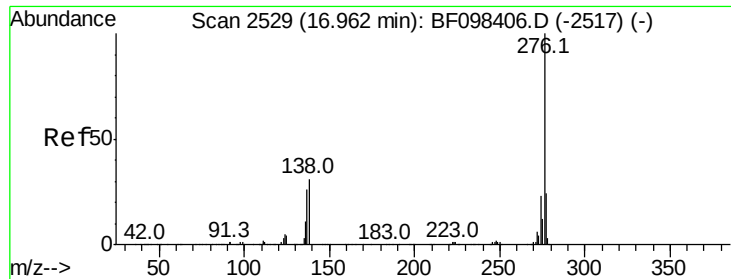
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#90
Dibenzo(a,h)anthracene
Concen: 35.811 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF098463.D
Acq: 12 Sep 2017 21:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 34.127 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098463.D
 Acq: 12 Sep 2017 21:14

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

Tot Ion:	276	Resp:	384938
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.6	28.0
138	31.2	25.4	38.0

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