

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100168.D
 Acq On : 4 Nov 2017 7:34
 Operator : SJ/JU
 Sample : I6143-05MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:23:00 PM

Quant Time: Nov 06 09:20:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115296	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	456166	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	194564	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	307348	20.00	ng	0.00
75) Chrysene-d12	13.95	240	178324	20.00	ng	0.00
86) Perylene-d12	15.42	264	186221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	544491	74.14	ng	0.00
7) Phenol-d6	6.42	99	420779	48.32	ng	0.00
23) Nitrobenzene-d5	7.35	82	665507	93.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	214497	120.97	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1227424	97.33	ng	0.00
78) Terphenyl-d14	12.88	244	782984	95.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	53512	16.501	ng	# 88
3) Pyridine	3.36	79	112544m	14.431	ng	
4) n-Nitrosodimethylamine	3.26	42	47969	17.217	ng	# 64
6) Aniline	6.45	93	224452	19.880	ng	# 91
8) 2-Chlorophenol	6.56	128	290887	37.165	ng	92
9) Benzaldehyde	6.33	77	151378	29.092	ng	88
10) Phenol	6.43	94	164555	17.212	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	305328	41.356	ng	94
12) 1,3-Dichlorobenzene	6.71	146	354962m	40.390	ng	
13) 1,4-Dichlorobenzene	6.79	146	363267	40.728	ng	97
14) 1,2-Dichlorobenzene	6.94	146	325369	40.026	ng	96
15) Benzyl Alcohol	6.93	79	153112	27.649	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	385682	47.027	ng	62
17) 2-Methylphenol	7.05	107	198841	30.371	ng	# 84
18) Hexachloroethane	7.27	117	113515	38.147	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	210292	41.210	ng	# 86
20) 3+4-Methylphenols	7.20	107	233423	30.620	ng	95
22) Acetophenone	7.19	105	444429	42.789	ng	# 90
24) Nitrobenzene	7.37	77	309019	43.284	ng	90
25) Isophorone	7.60	82	603286	46.922	ng	97
26) 2-Nitrophenol	7.68	139	188127	46.008	ng	# 83
27) 2,4-Dimethylphenol	7.72	122	248967	41.324	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	394553	43.818	ng	99
29) 2,4-Dichlorophenol	7.93	162	280558	44.827	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	286104	42.783	ng	99
31) Naphthalene	8.07	128	929962	42.234	ng	99
32) Benzoic acid	7.86	122	44558	8.402	ng	92
33) 4-Chloroaniline	8.14	127	183142	20.142	ng	# 94
34) Hexachlorobutadiene	8.18	225	143779	41.800	ng	98
35) Caprolactam	8.54	113	16236	8.249	ng	# 75
36) 4-Chloro-3-methylphenol	8.63	107	246767	38.629	ng	93
37) 2-Methylnaphthalene	8.77	142	630200	42.707	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	263301	41.901	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	15766	23.806	ng	98

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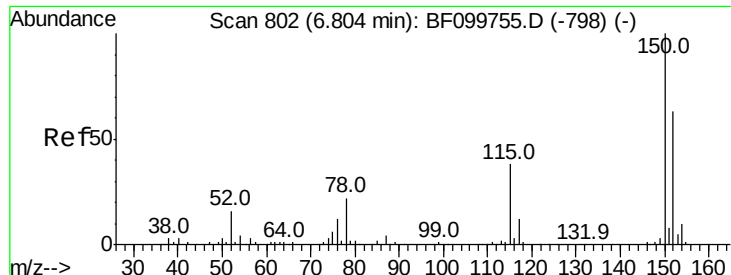
Manual Integrations
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Sohil
 11/6/2017 2:23:00 PM

Quant Time: Nov 06 09:20:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	172688	45.432	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	168772	41.842	nq	# 93
45) 1,1'-Biphenyl	9.23	154	732134	41.596	nq	98
46) 2-Chloronaphthalene	9.26	162	576762	45.121	nq	95
47) 2-Nitroaniline	9.37	65	147901	44.085	nq	# 77
48) Acenaphthylene	9.67	152	823776	41.842	nq	100
49) Dimethylphthalate	9.54	163	665976	43.223	nq	100
50) 2,6-Dinitrotoluene	9.62	165	142972	44.140	nq	90
51) Acenaphthene	9.85	154	503933	41.891	nq	99
52) 3-Nitroaniline	9.79	138	102180	26.773	nq	93
53) 2,4-Dinitrophenol	9.92	184	59456	48.904	nq	# 78
54) Dibenzofuran	10.02	168	760383	44.779	nq	99
55) 4-Nitrophenol	9.99	139	27677m	13.879	nq	
56) 2,4-Dinitrotoluene	10.03	165	187595	48.091	nq	# 84
57) Fluorene	10.36	166	585395	41.637	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	128517	45.443	nq	# 88
59) Diethylphthalate	10.23	149	630438	41.899	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	279123	42.184	nq	95
61) 4-Nitroaniline	10.41	138	129857	35.662	nq	84
62) Azobenzene	10.51	77	533075	42.264	nq	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	47264	24.464	nq	# 76
65) n-Nitrosodiphenylamine	10.47	169	527554	46.499	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	156530	48.377	nq	# 85
67) Hexachlorobenzene	10.91	284	149384	45.128	nq	96
68) Atrazine	11.00	200	161336	47.340	nq	98
69) Pentachlorophenol	11.12	266	105051	74.269	nq	98
70) Phenanthrene	11.33	178	746184	43.020	nq	98
71) Anthracene	11.38	178	762677	43.318	nq	99
72) Carbazole	11.54	167	682257	41.208	nq	99
73) Di-n-butylphthalate	11.85	149	922178	43.669	nq	# 98
74) Fluoranthene	12.52	202	636960	35.336	nq	99
76) Benzidine	12.65	184	38567	4.943	nq	98
77) Pyrene	12.75	202	631368	46.562	nq	98
79) Butylbenzylphthalate	13.35	149	297372	44.536	nq	# 84
80) Benzo(a)anthracene	13.94	228	498986	44.140	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	107288	26.146	nq	98
82) Chrysene	13.98	228	479498	45.118	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	388729	41.456	nq	98
84) Di-n-octyl phthalate	14.51	149	655774	40.746	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.89	276	449635	46.086	nq	96
87) Benzo(b)fluoranthene	14.99	252	507745	43.179	nq	98
88) Benzo(k)fluoranthene	15.02	252	511235	46.106	nq	99
89) Benzo(a)pyrene	15.36	252	494681	46.832	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	388996	41.445	nq	98
91) Benzo(g,h,i)perylene	17.33	276	366269	39.887	nq	94

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



#1

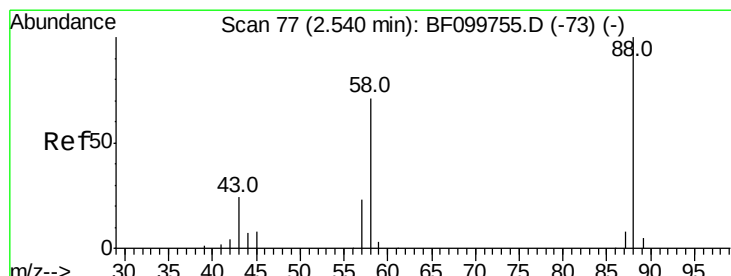
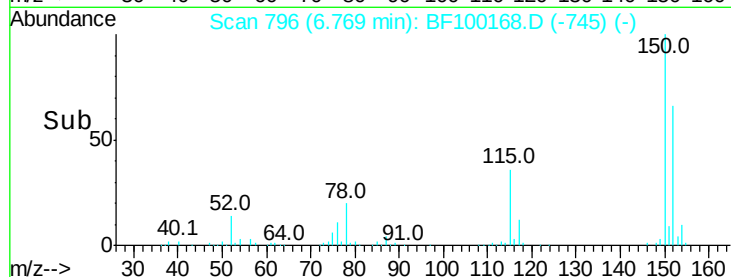
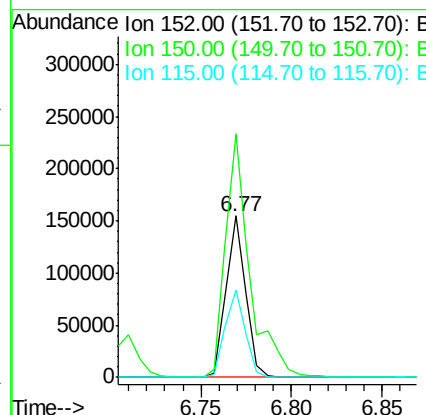
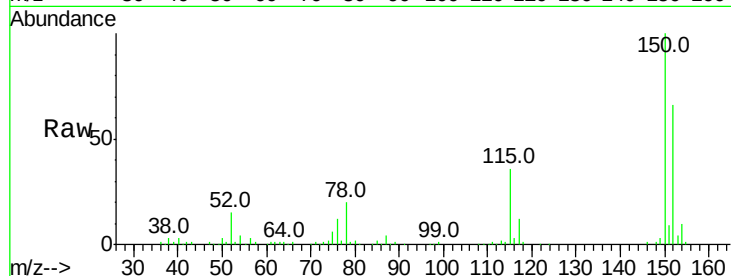
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.6	186.8
115	54.4	50.1	75.1

Manual Integrations
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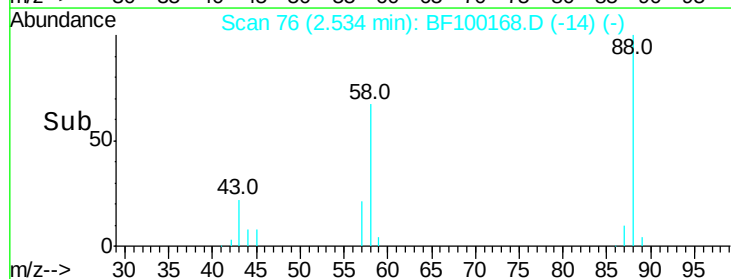
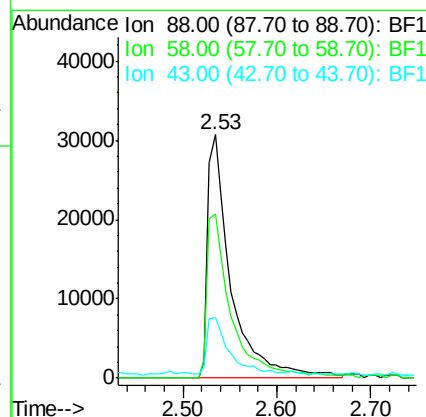
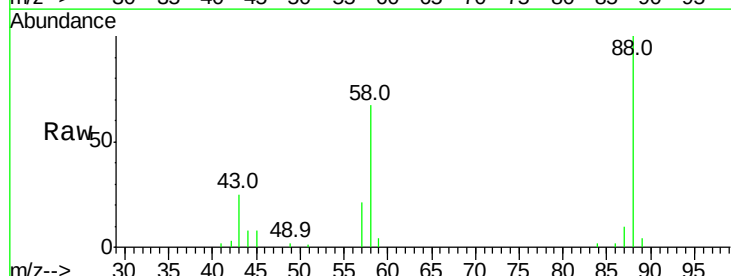
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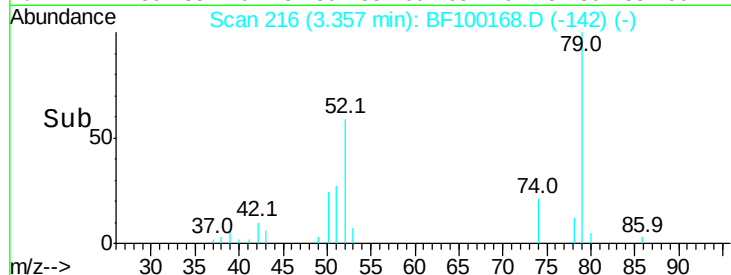
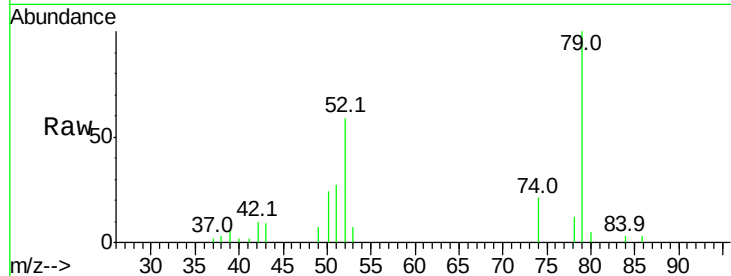
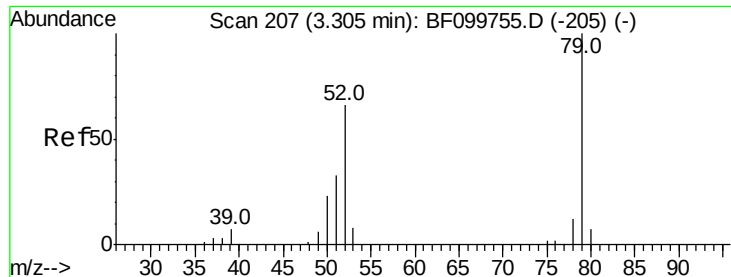


#2

1,4-Dioxane
Concen: 16.501 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	23.2	24.6	37.0





#3

Pvridine

Concen: 14.431 ng/ml

RT: 3.36 min Scan# 216

Delta R.T. 0.14 min

Lab File: BF100168.D

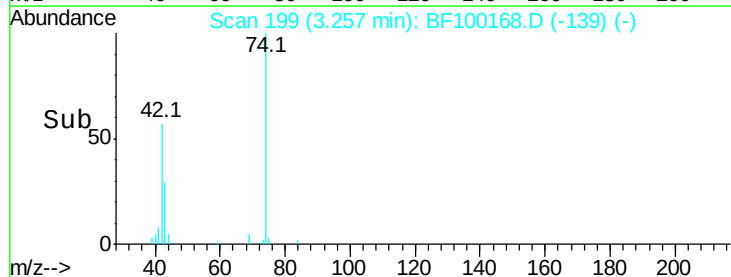
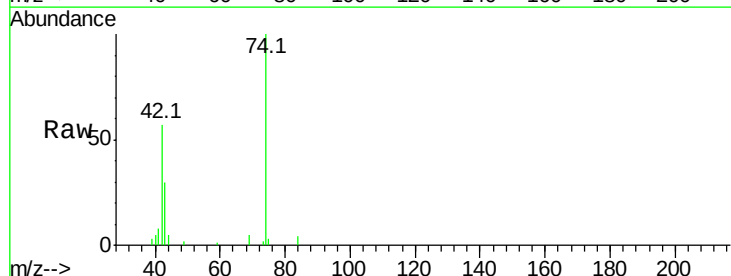
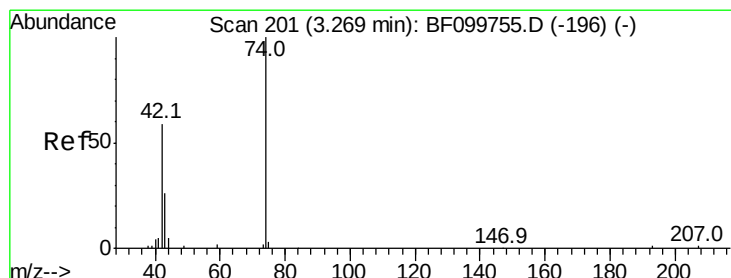
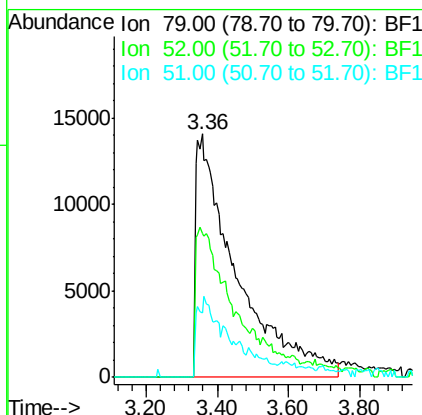
Acq: 4 Nov 2017 7:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.0	59.8	89.6#
51	26.6	29.8	44.8#

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 17.217 ng

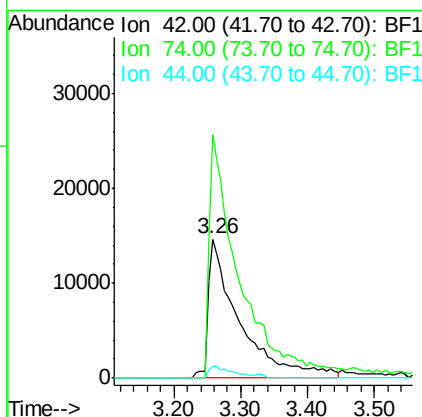
RT: 3.26 min Scan# 199

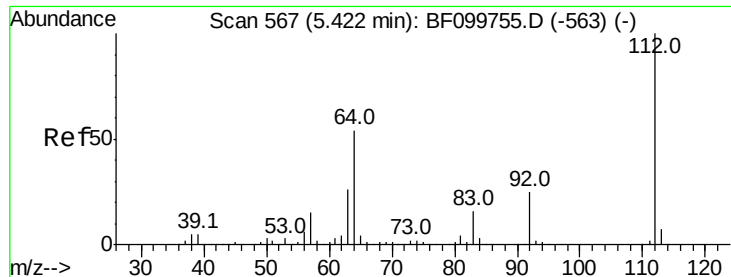
Delta R.T. 0.05 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	175.5	104.9	157.3#
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 74.142 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

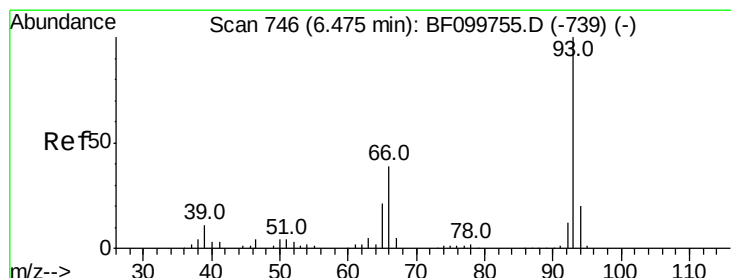
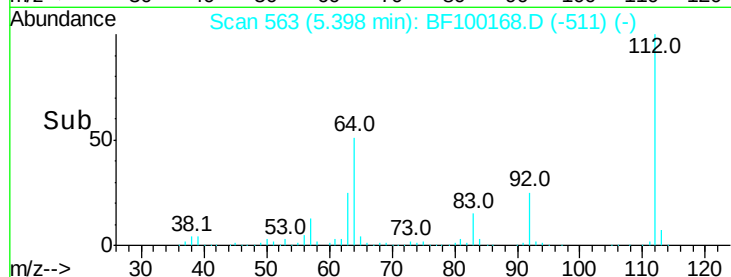
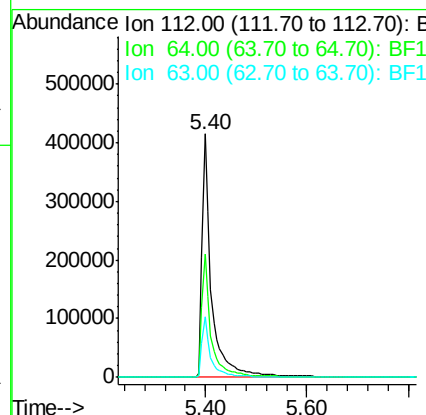
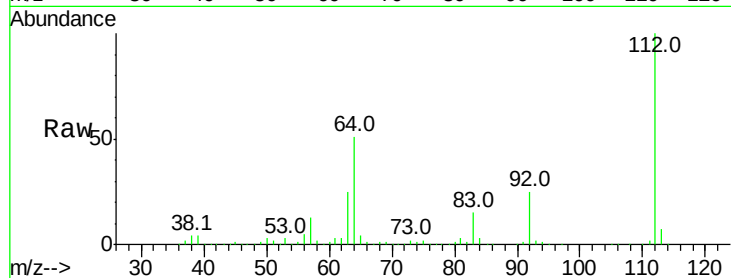
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	112	Resp:	544491
Ion Ratio	Lower	Upper	
112	100		
64	50.8	47.9	71.9
63	24.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.880 ng

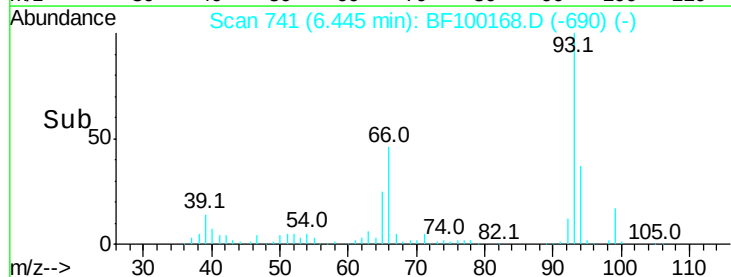
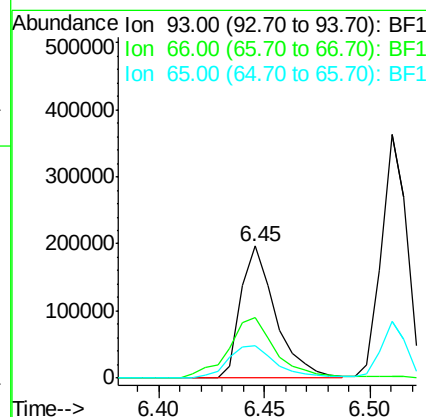
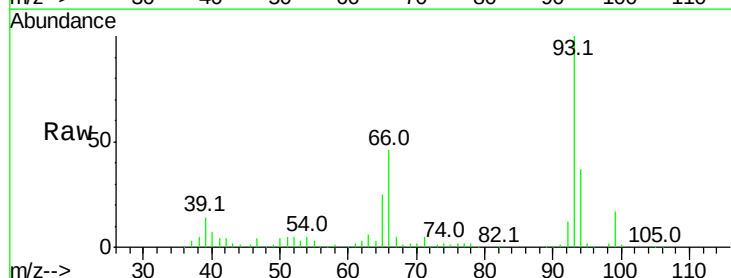
RT: 6.45 min Scan# 741

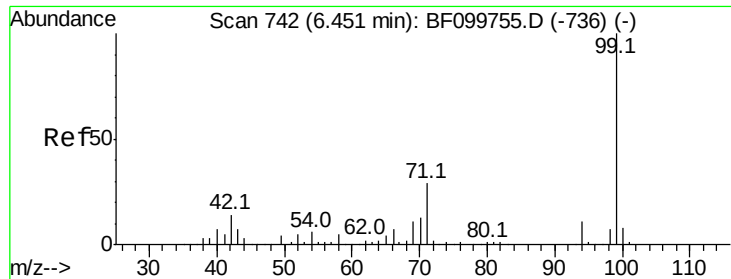
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	93	Resp:	224452
Ion Ratio	Lower	Upper	
93	100		
66	45.6	32.2	48.2
65	24.9	16.4	24.6





#7

Phenol-d6

Concen: 48.322 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

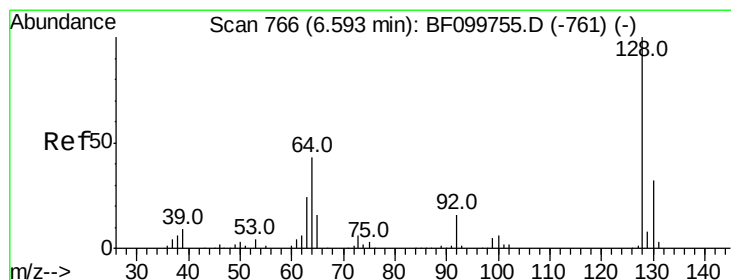
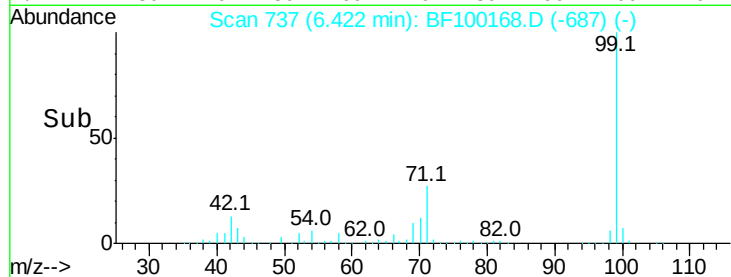
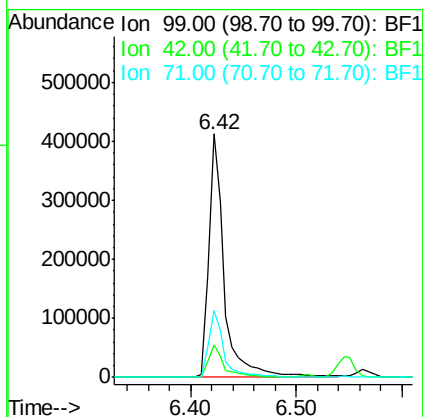
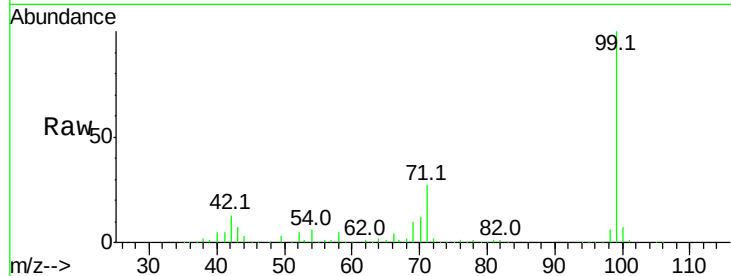
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	99	Resp:	420779
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	27.4	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.165 ng

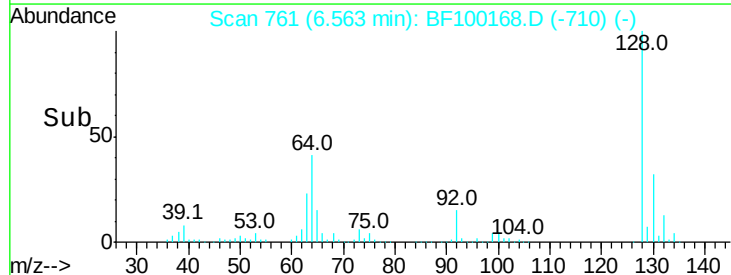
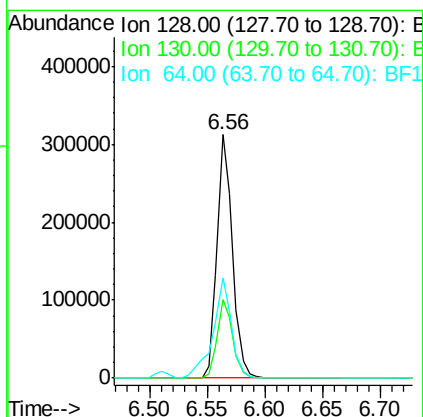
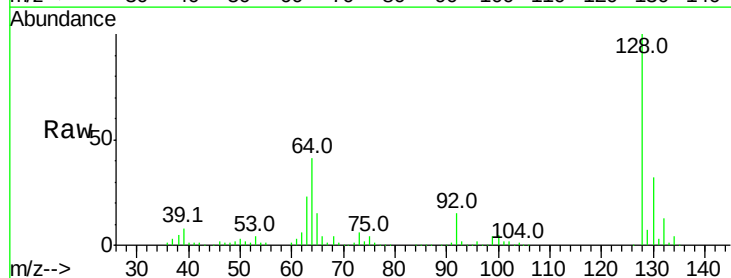
RT: 6.56 min Scan# 761

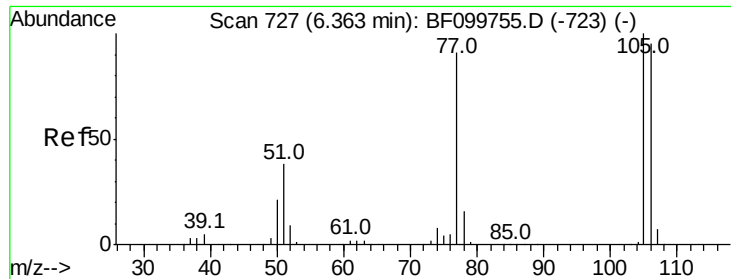
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	128	Resp:	290887
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	41.4	29.4	69.4





#9

Benzaldehyde

Concen: 29.092 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

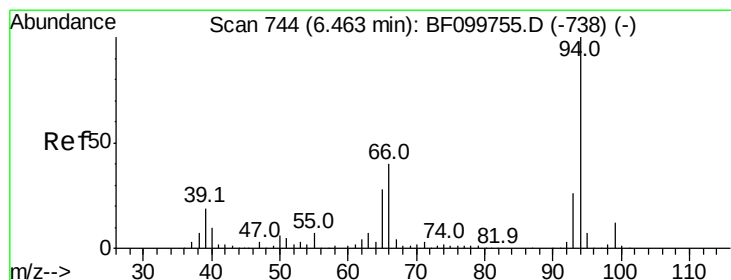
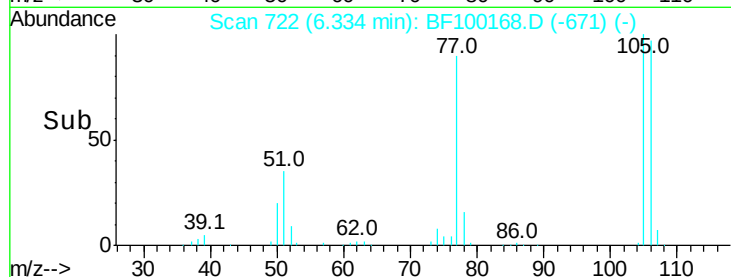
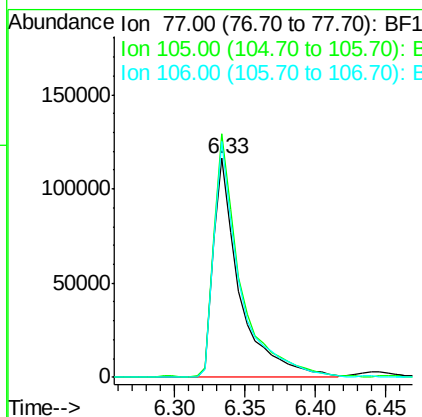
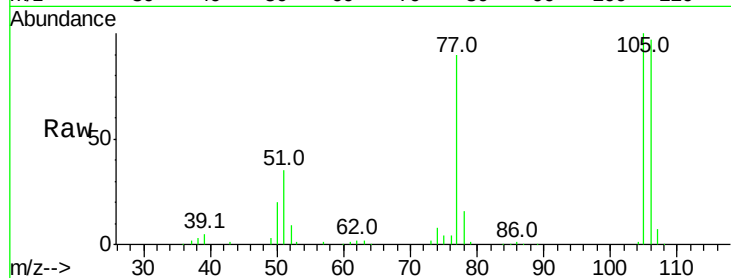
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	77	Resp:	151378
Ion Ratio	Lower	Upper	
77	100		
105	111.2	81.1	121.1
106	108.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 17.212 ng

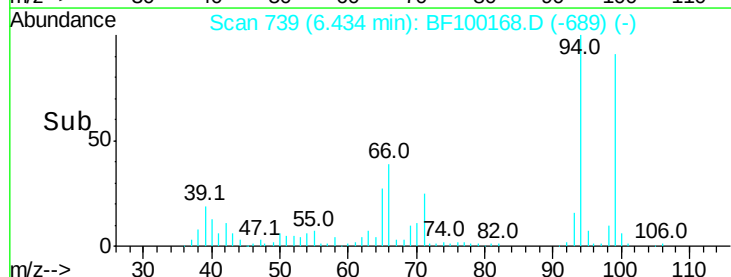
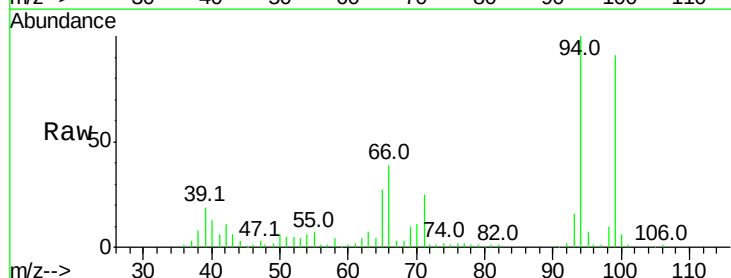
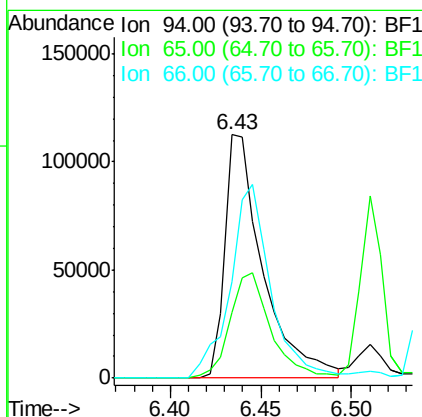
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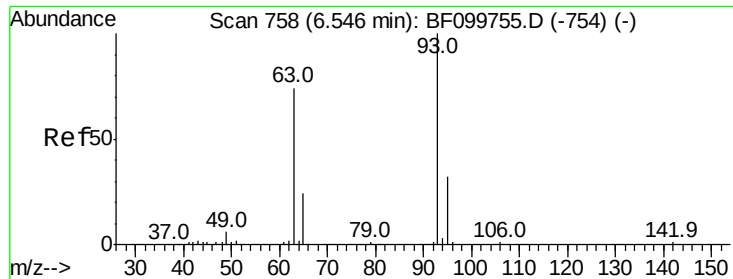
Delta R.T. -0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	94	Resp:	164555
Ion Ratio	Lower	Upper	
94	100		
65	27.1	7.9	47.9
66	39.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.356 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

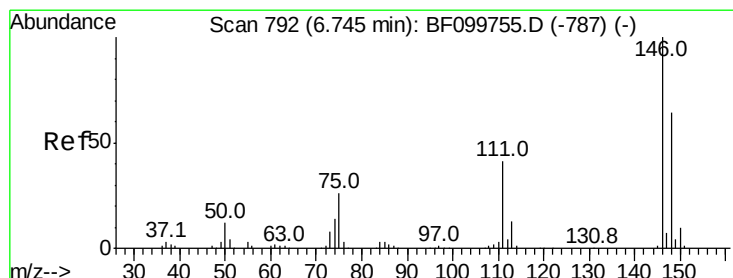
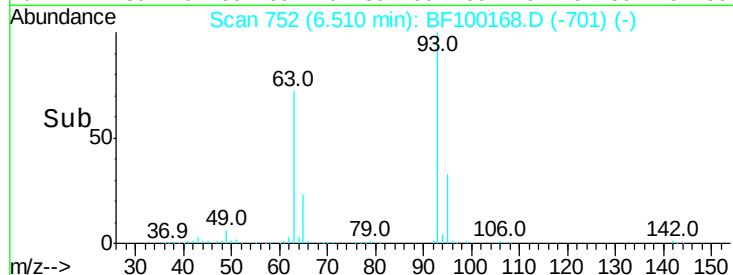
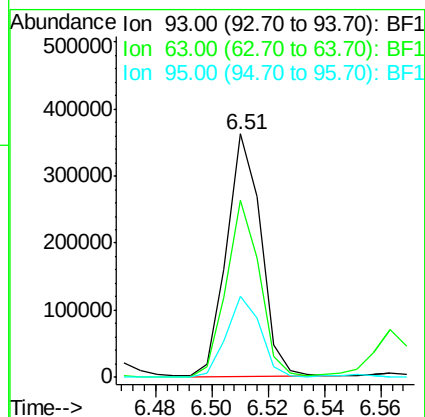
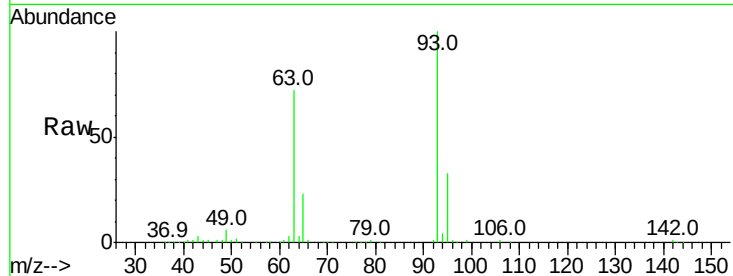
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	93	Resp:	305328
Ion Ratio	Lower	Upper	
93	100		
63	72.5	58.6	98.6
95	33.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.390 ng m

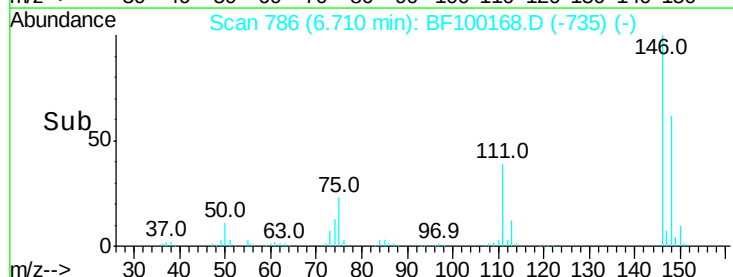
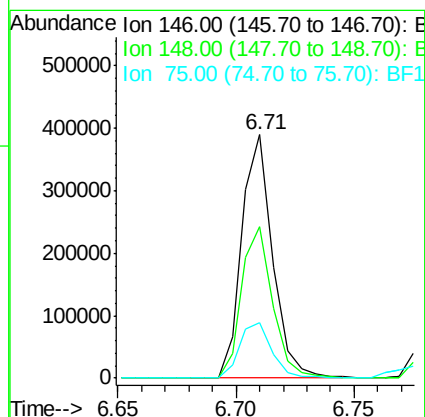
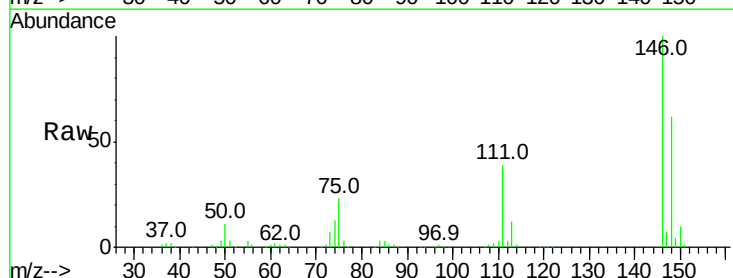
RT: 6.71 min Scan# 786

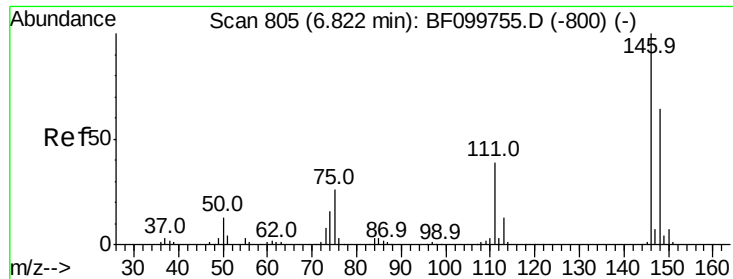
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	146	Resp:	354962
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.8	77.8
75	22.9	24.2	36.4#





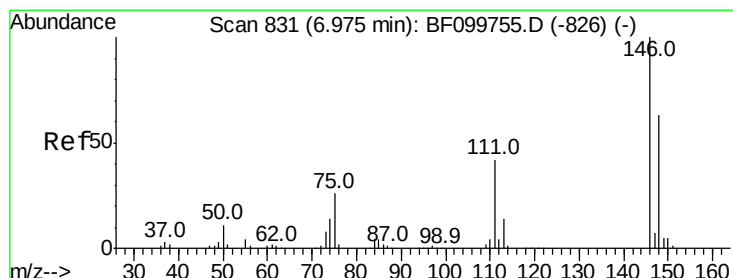
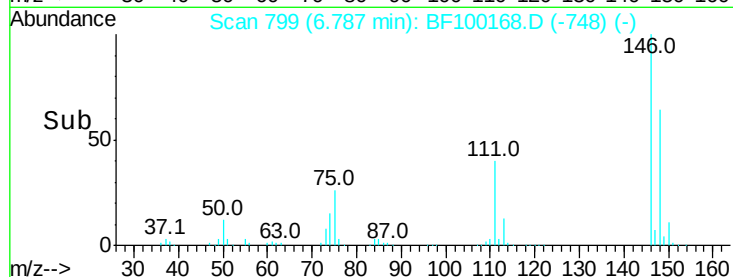
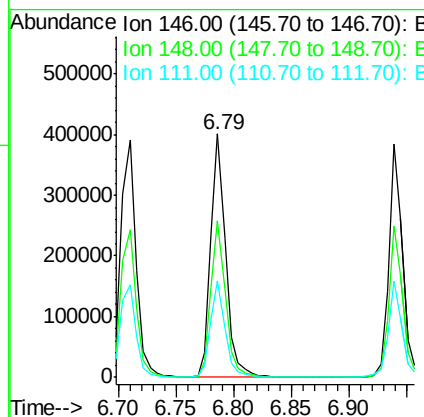
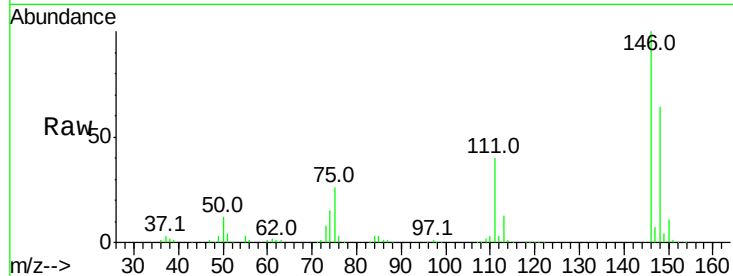
#13
 1,4-Dichlorobenzene
 Concen: 40.728 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	39.8	34.2	51.2

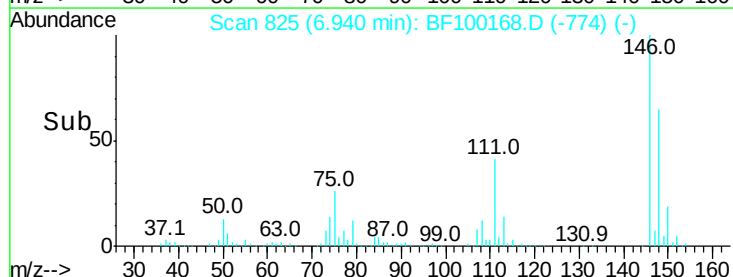
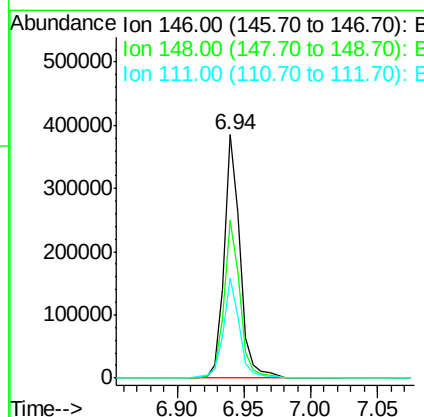
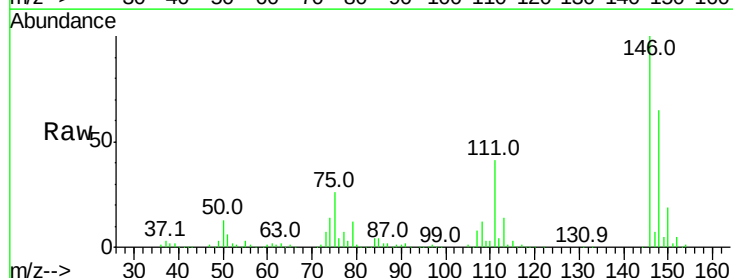
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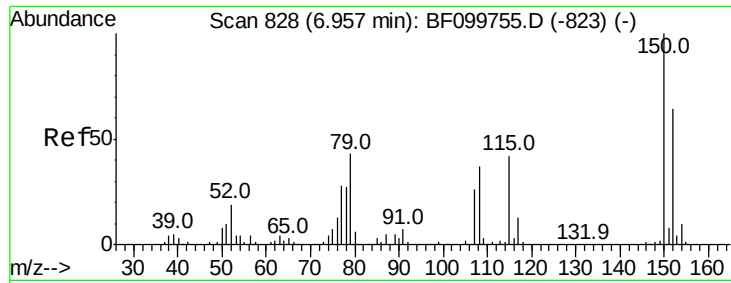
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#14
 1,2-Dichlorobenzene
 Concen: 40.026 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	41.0	36.0	54.0





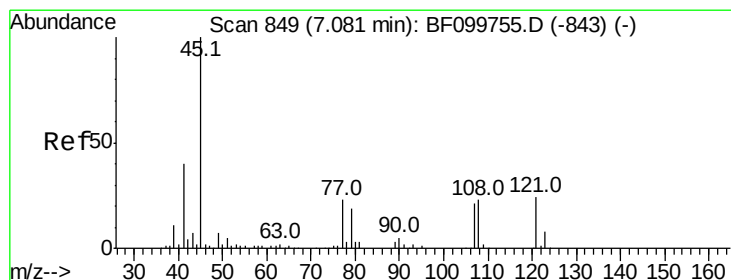
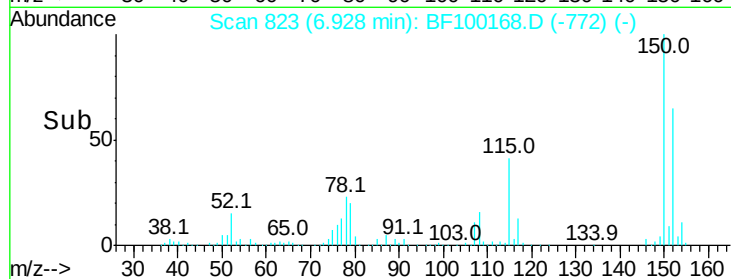
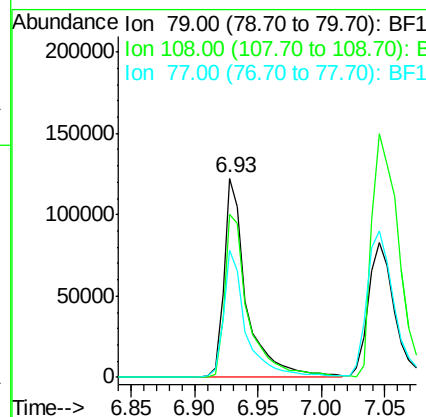
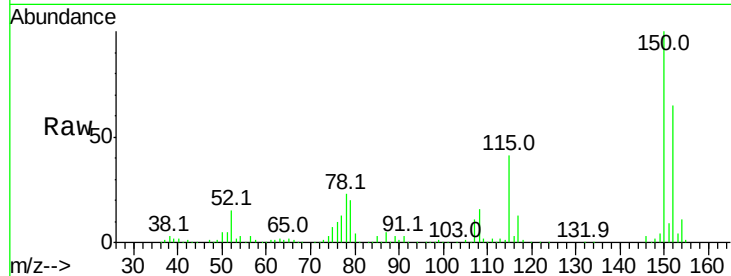
#15
Benzyl Alcohol
Concen: 27.649 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.1	97.7
77	63.6	50.6	75.8

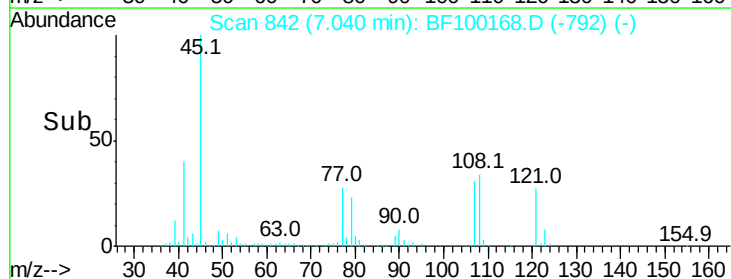
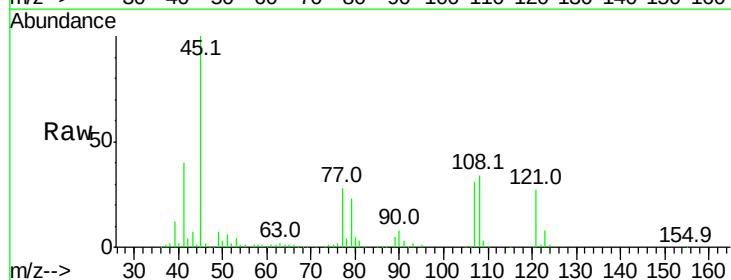
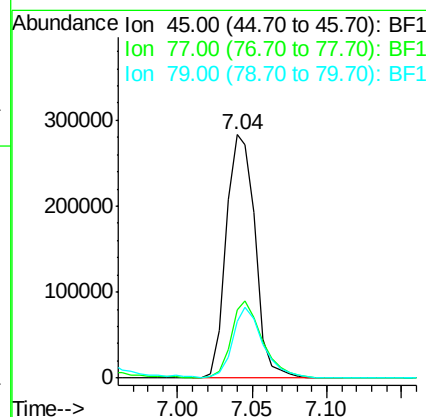
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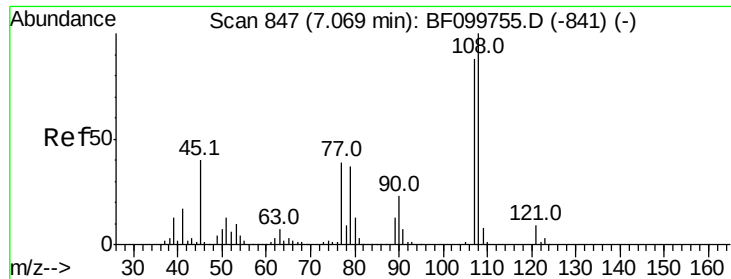
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.027 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.0	0.0	32.9
79	23.2	0.0	29.6





#17

2-Methylphenol

Concen: 30.371 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMSD

Tot Ion:107 Resp: 198841
Ion Ratio Lower Upper

107 100

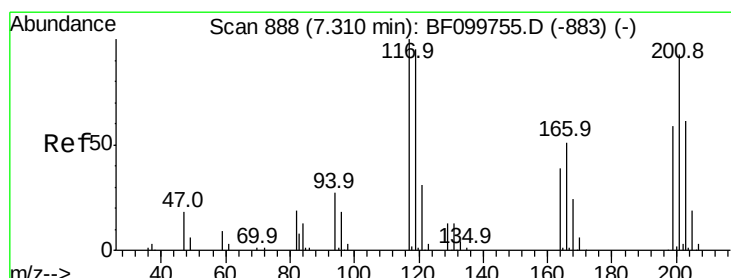
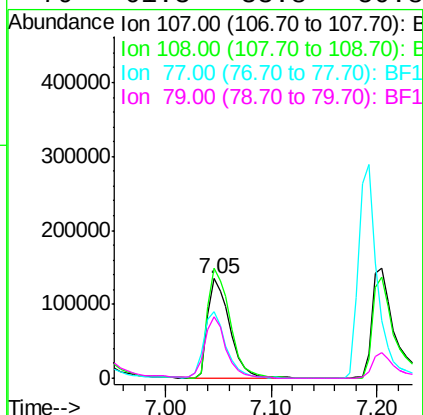
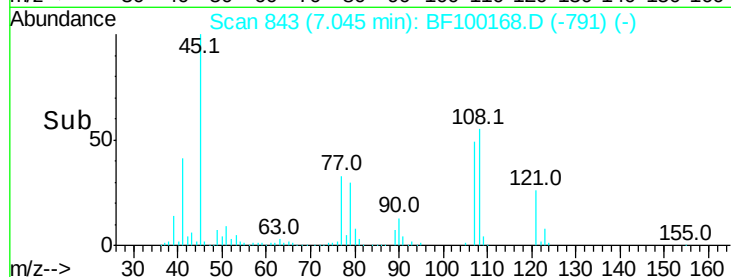
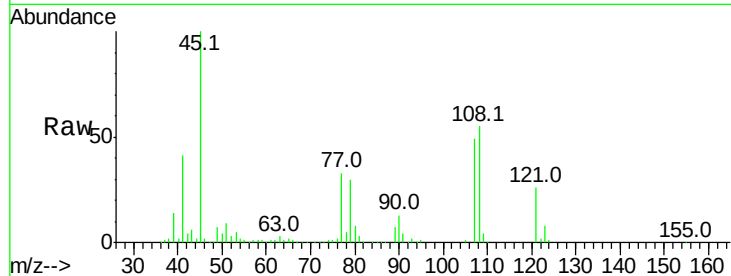
108 111.3 91.7 137.5

77 67.1 33.8 50.8#

79 61.3 33.8 50.8#

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#18

Hexachloroethane

Concen: 38.147 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF100168.D

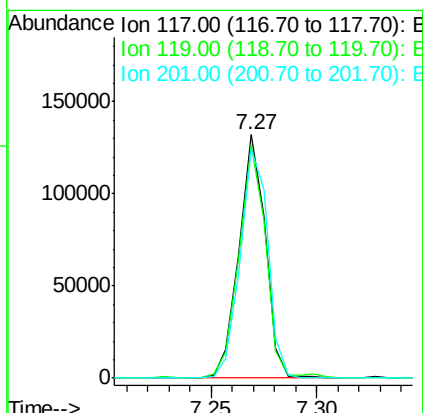
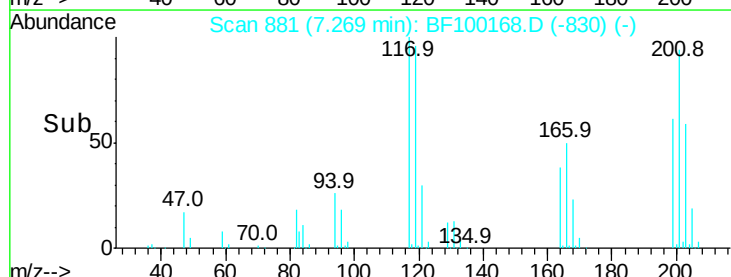
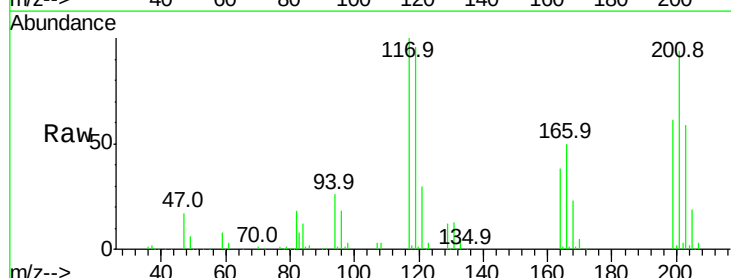
Acq: 4 Nov 2017 7:34

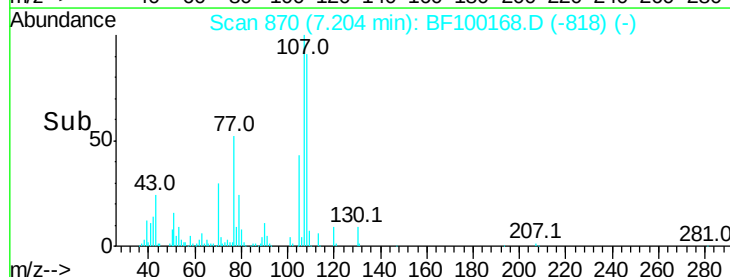
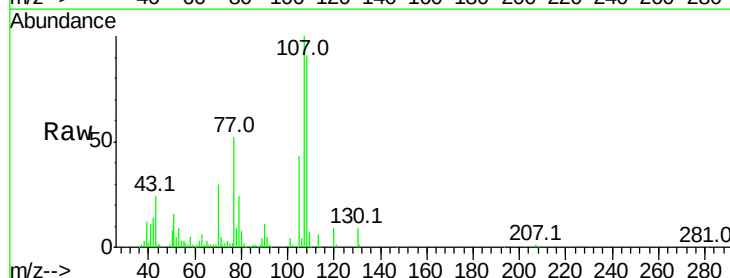
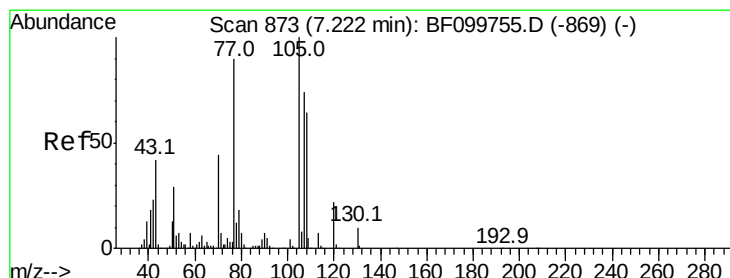
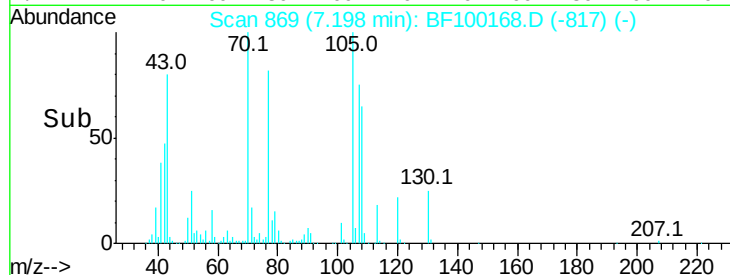
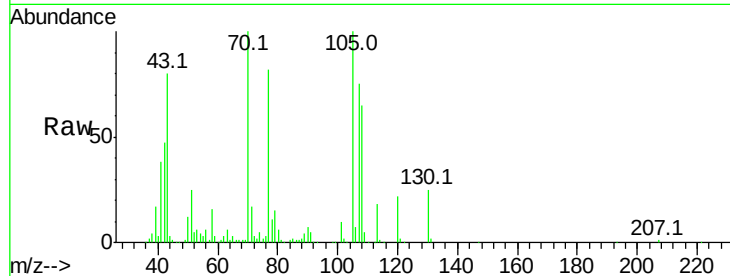
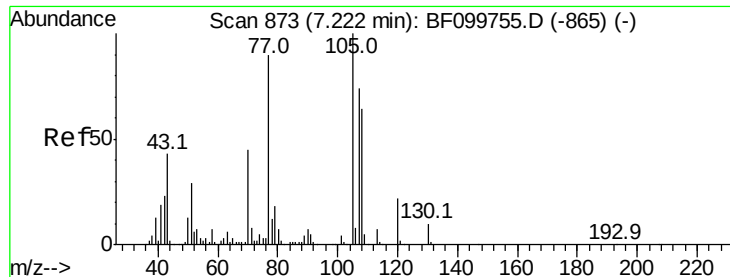
Tgt Ion:117 Resp: 113515
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

201 94.2 75.7 113.5





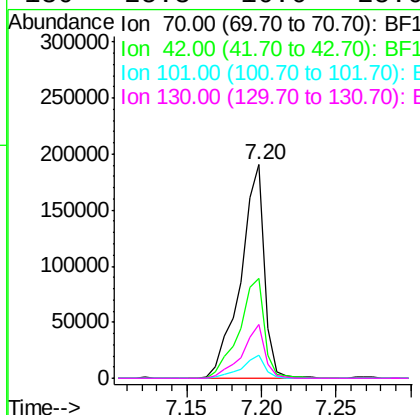
#19
n-Nitroso-di-n-propylamine
Concen: 41.210 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	10.5	7.4	11.2
130	25.3	16.6	25.0#

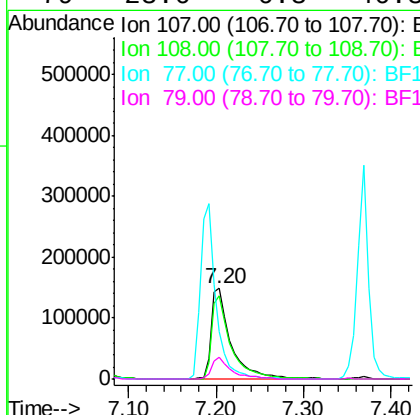
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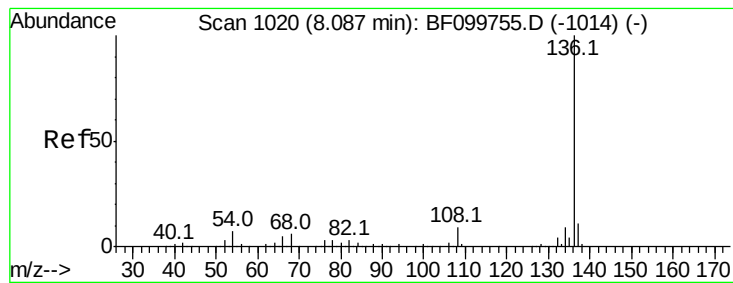
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#20
3+4-Methylphenols
Concen: 30.620 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	91.4	68.2	108.2
77	52.4	26.7	66.7
79	23.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

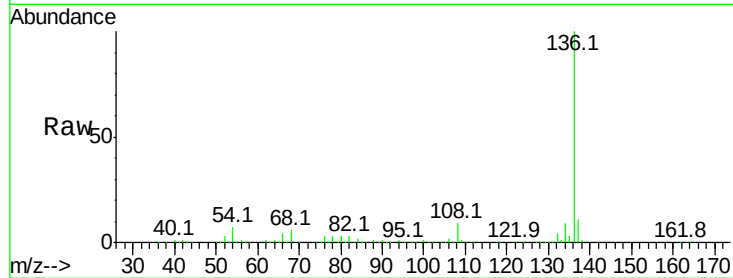
ClientSampleId :

RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.0	6.6	9.8	
68	5.9	5.0	7.4	

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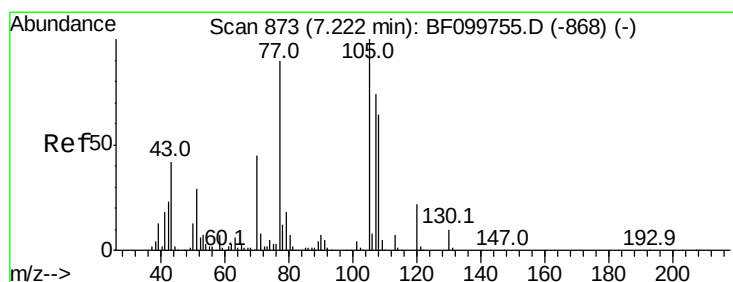
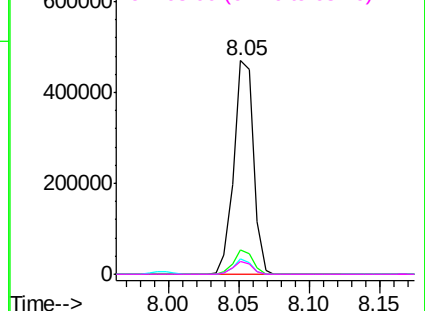
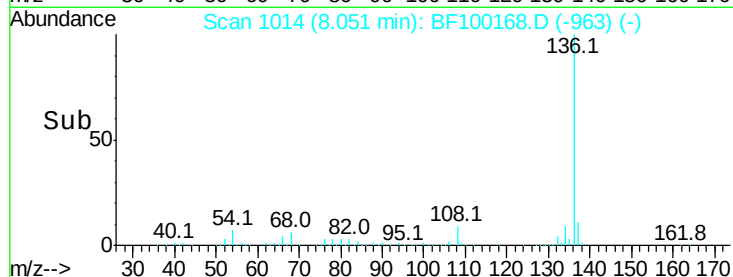


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.789 ng

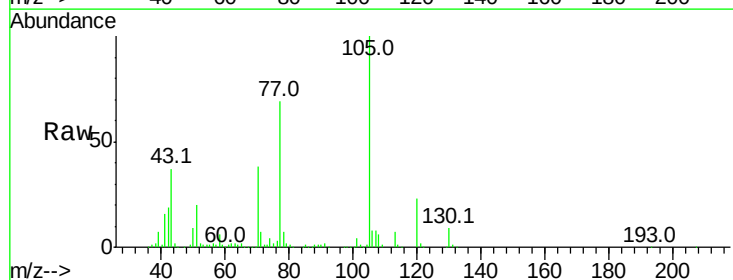
RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.8	4.4	6.6#	
51	19.7	22.3	33.5#	
120	22.7	16.9	25.3	

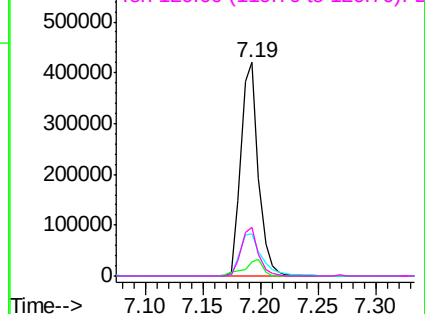
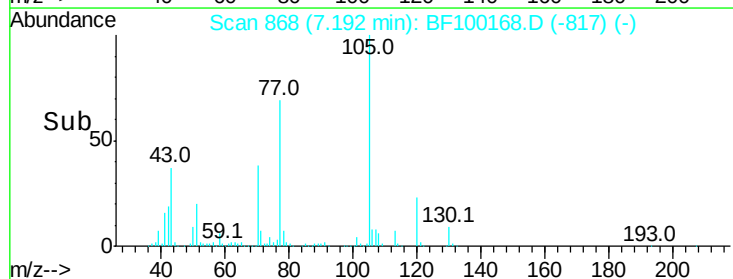


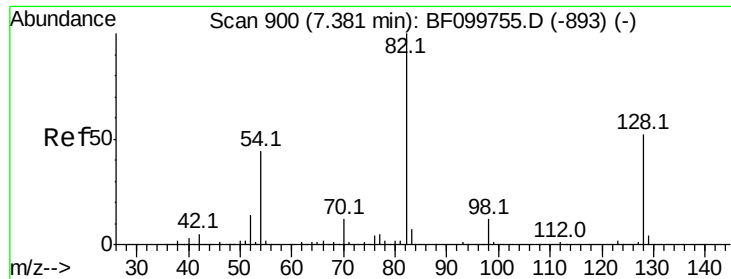
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





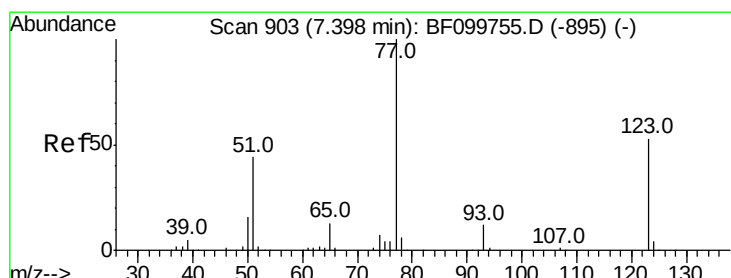
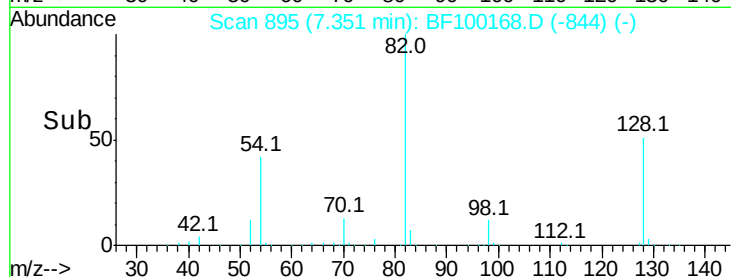
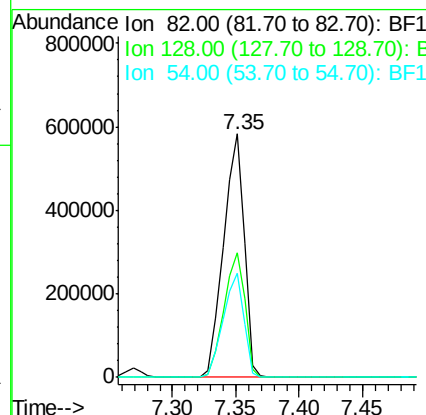
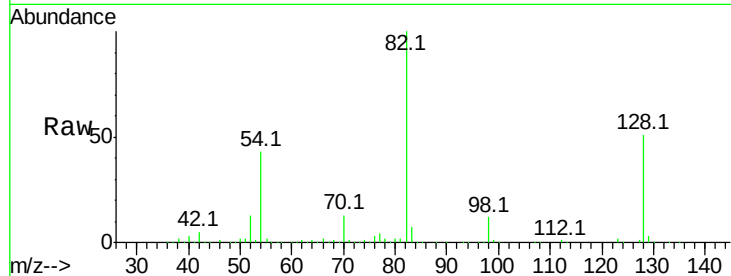
#23
 Nitrobenzene-d5
 Concen: 93.926 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:	82	Resp:	665507
Ion Ratio	Lower	Upper	
82	100		
128	51.3	36.1	54.1
54	42.7	41.4	62.2

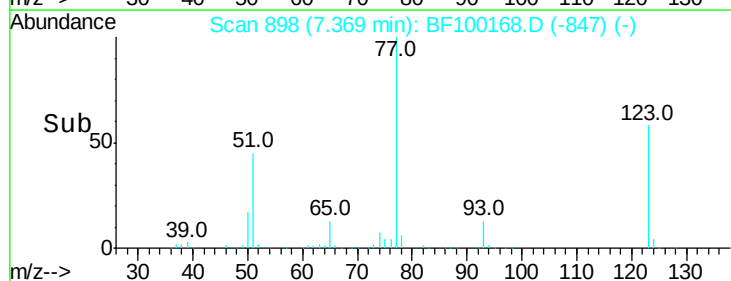
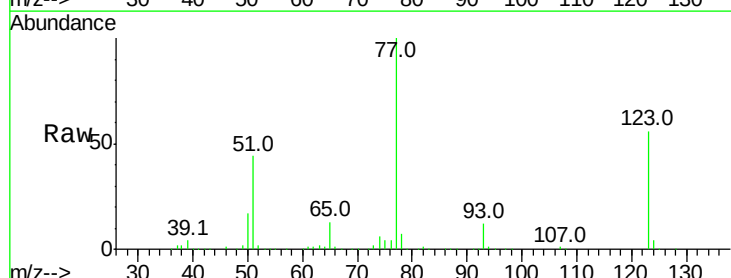
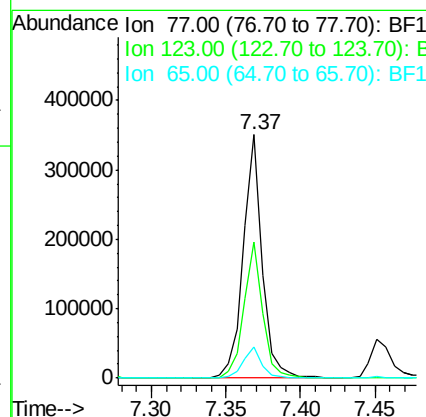
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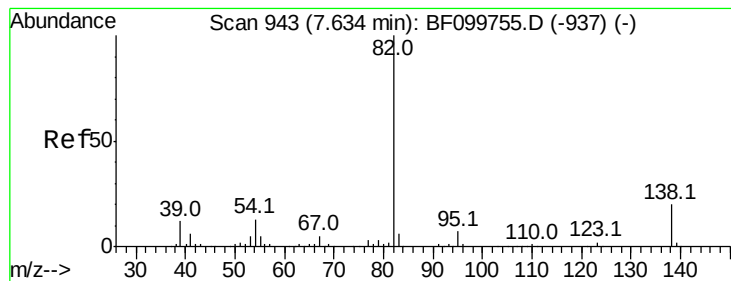
Sohil
 11/6/2017 2:23:00 PM



#24
 Nitrobenzene
 Concen: 43.284 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion:	77	Resp:	309019
Ion Ratio	Lower	Upper	
77	100		
123	55.9	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 46.922 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

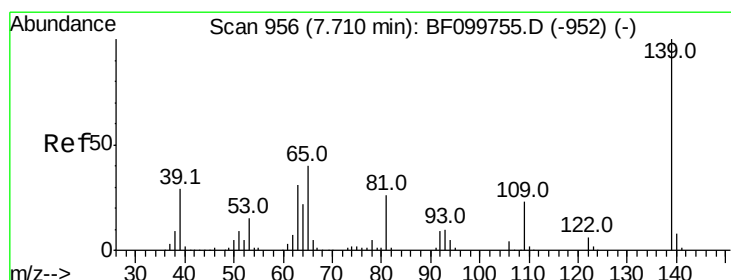
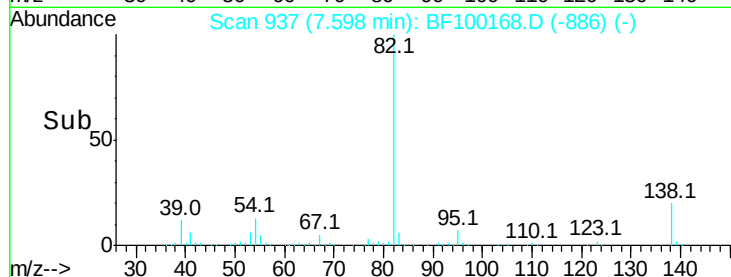
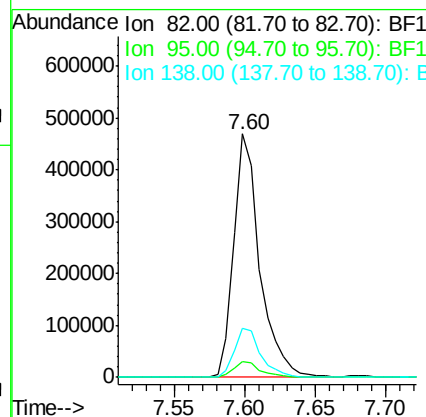
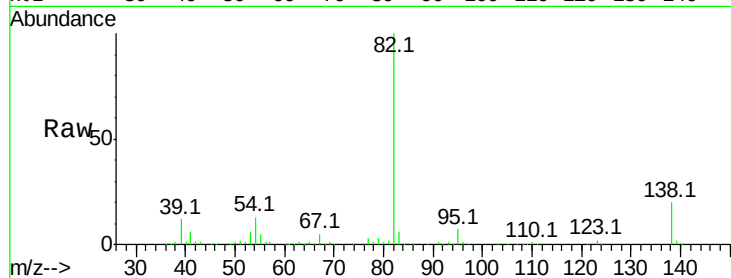
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	82	Resp:	603286
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	20.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.008 ng

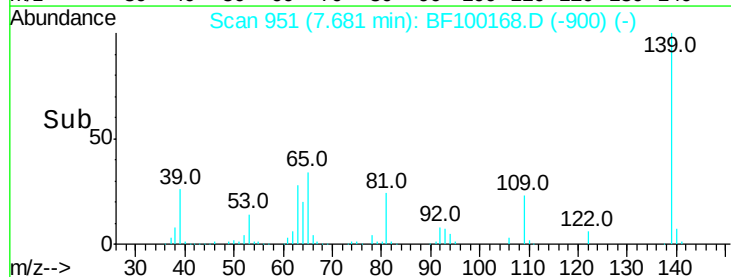
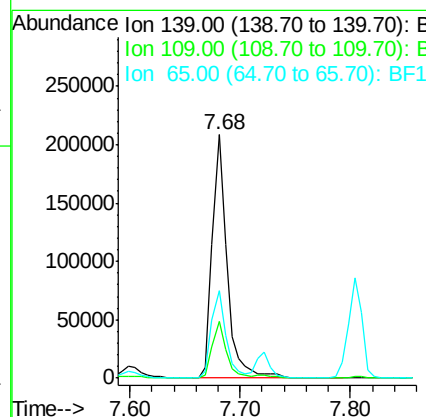
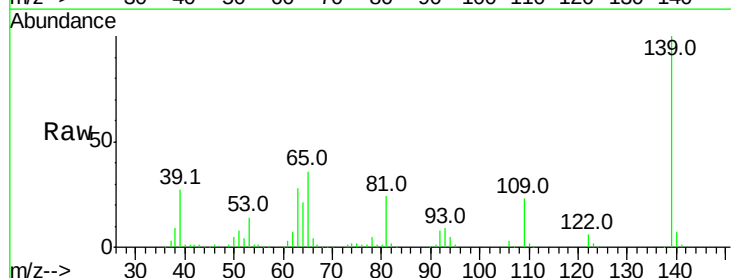
RT: 7.68 min Scan# 951

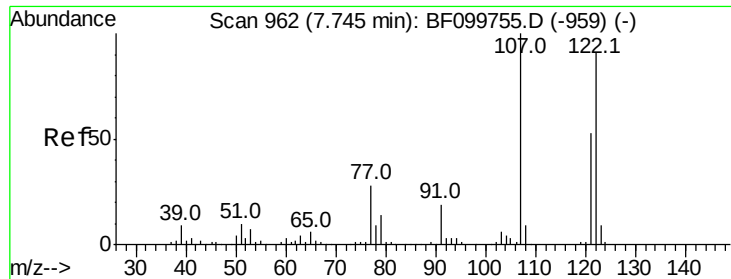
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	139	Resp:	188127
Ion Ratio		Lower	Upper
139	100		
109	23.2	22.7	34.1
65	36.0	40.5	60.7#





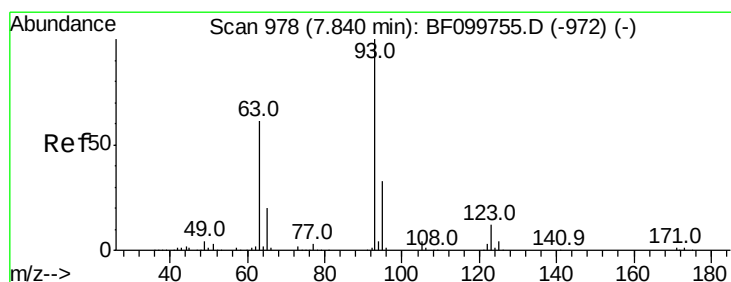
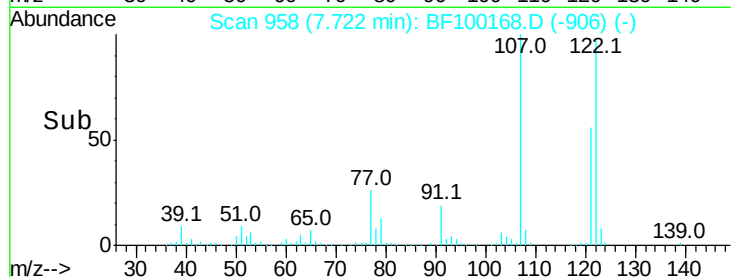
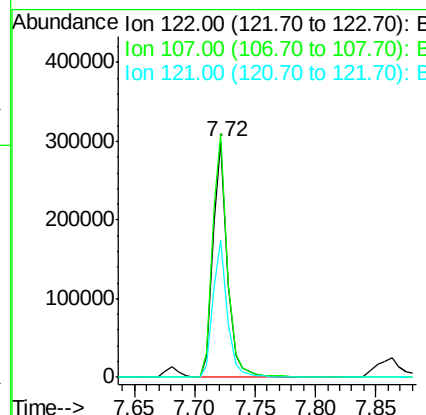
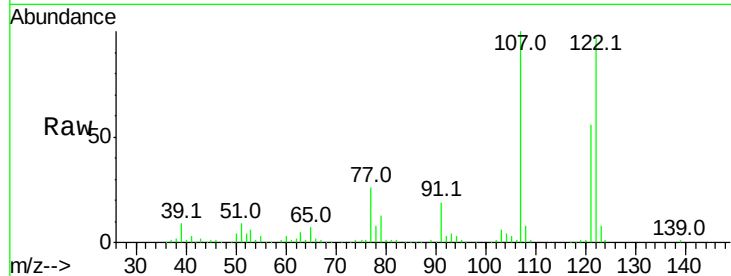
#27
2,4-Dimethylphenol
Concen: 41.324 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	248967		
107	103.6	91.2	136.8	
121	58.4	47.2	70.8	

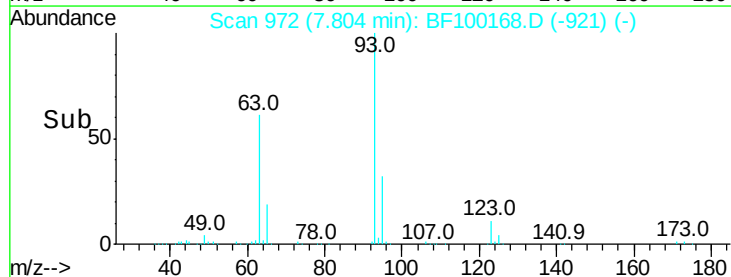
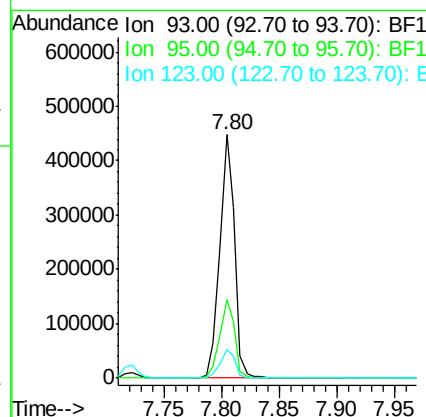
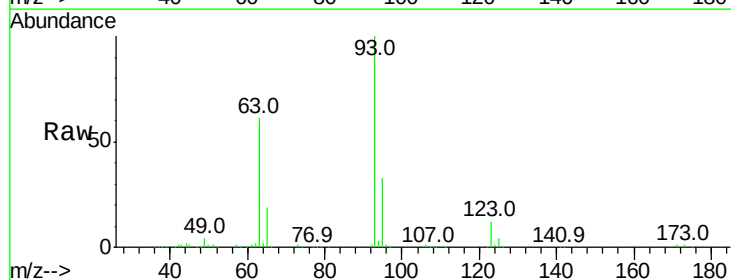
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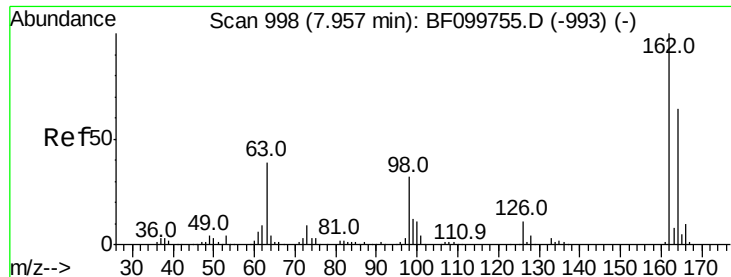
Sohil
11/6/2017 2:23:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.818 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	394553		
95	32.5	26.3	39.5	
123	11.5	9.8	14.6	





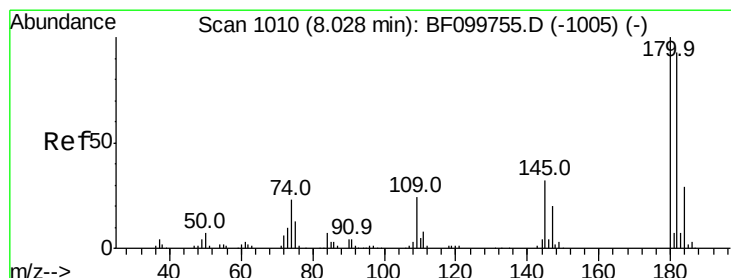
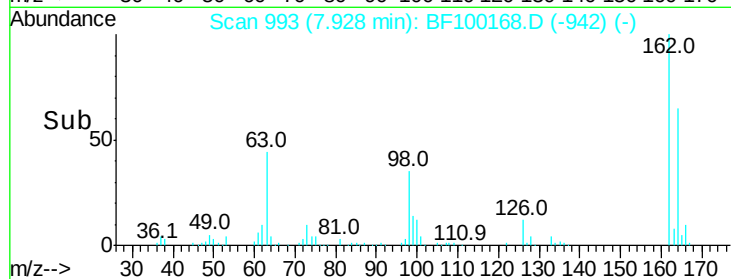
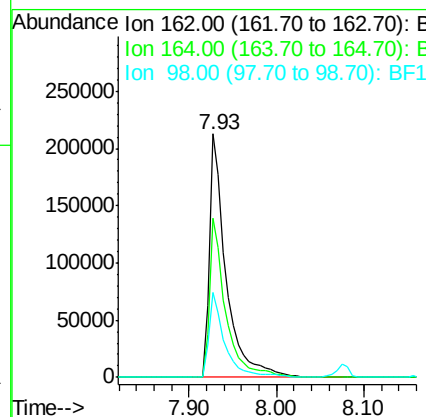
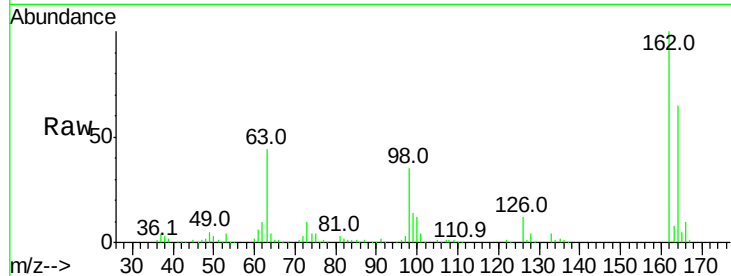
#29
 2,4-Dichlorophenol
 Concen: 44.827 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	42.7	82.7
98	35.0	18.1	58.1

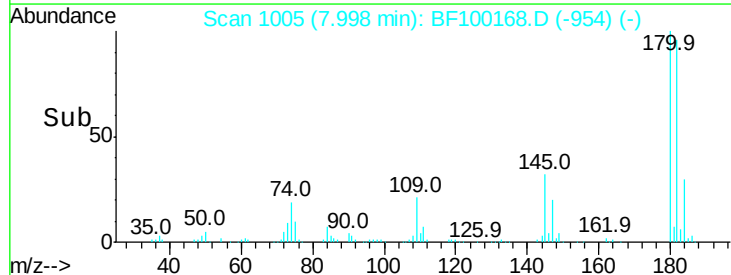
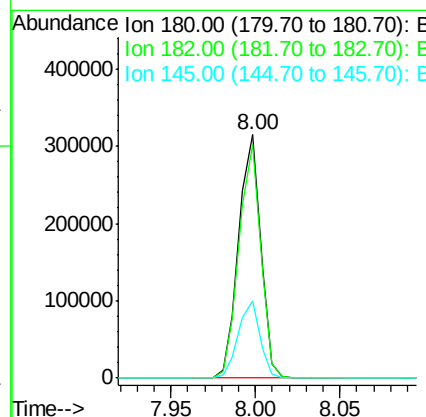
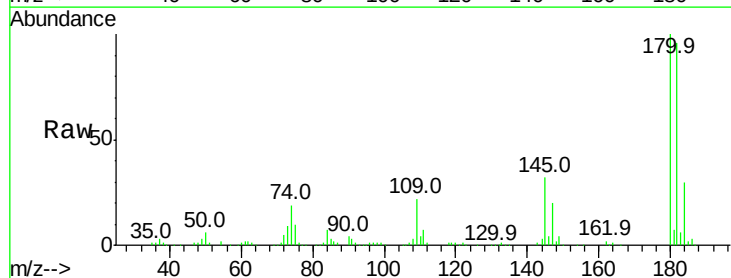
Manual Integrations
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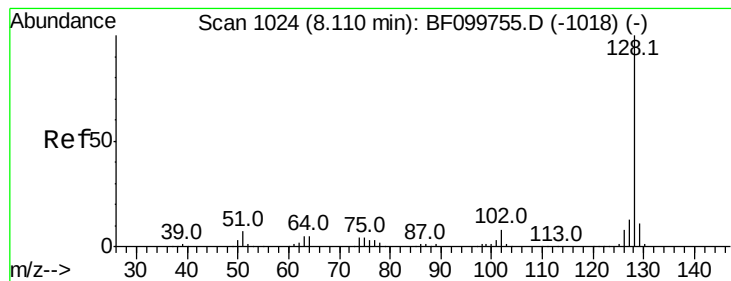
Sohil
 11/6/2017 2:23:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.783 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	76.8	115.2
145	31.7	26.5	39.7





#31

Naphthalene

Concen: 42.234 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

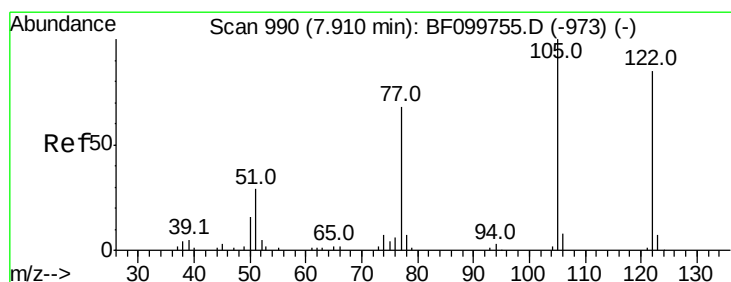
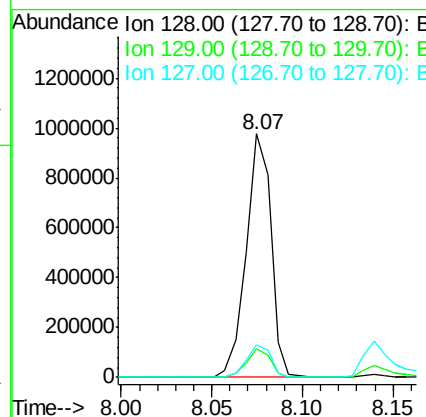
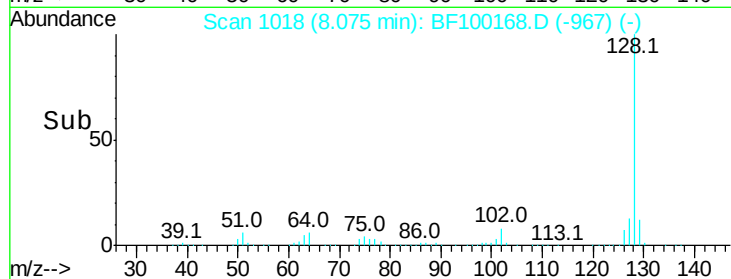
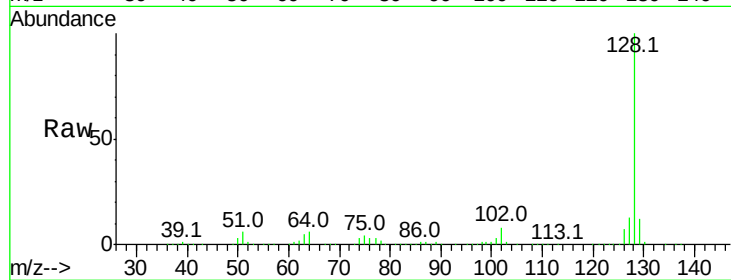
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	128	Resp:	929962
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
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11/6/2017 2:23:00 PM



#32

Benzoic acid

Concen: 8.402 ng

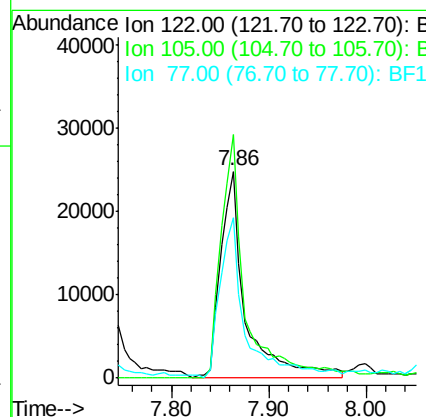
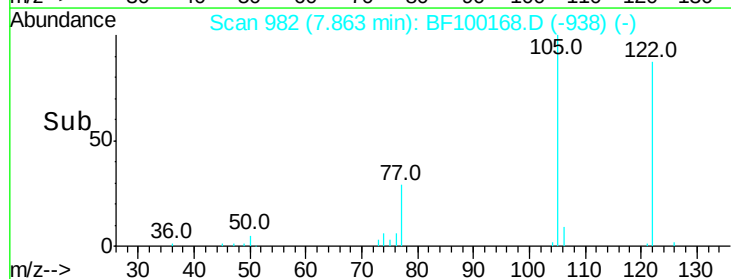
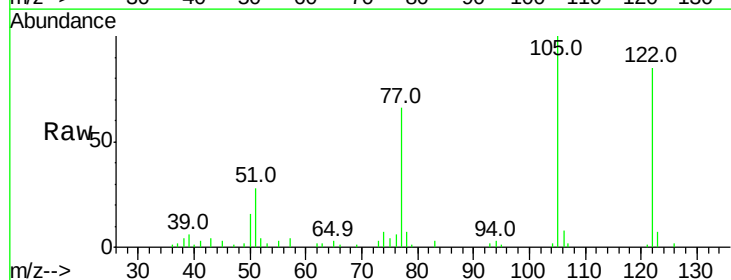
RT: 7.86 min Scan# 982

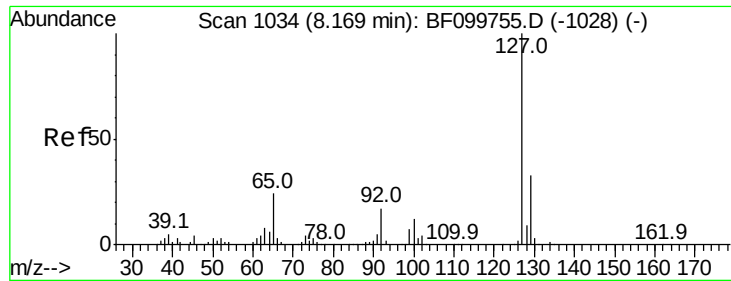
Delta R.T. -0.04 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	122	Resp:	44558
Ion Ratio	Lower	Upper	
122	100		
105	117.8	101.1	141.1
77	77.8	70.7	110.7





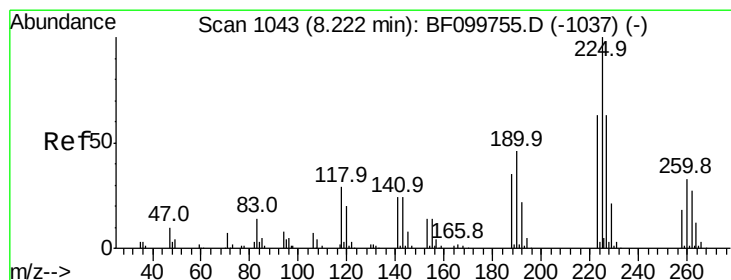
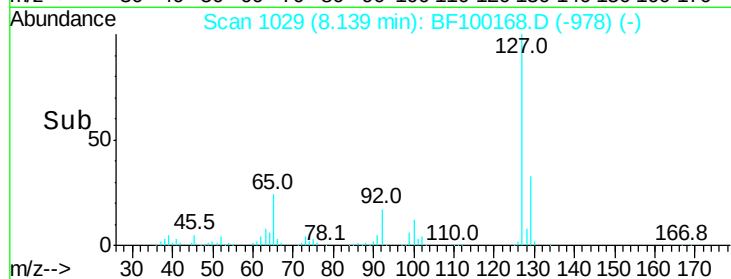
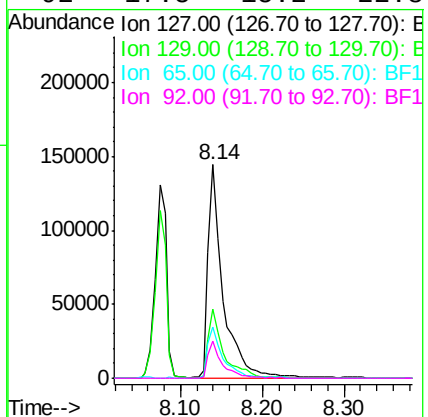
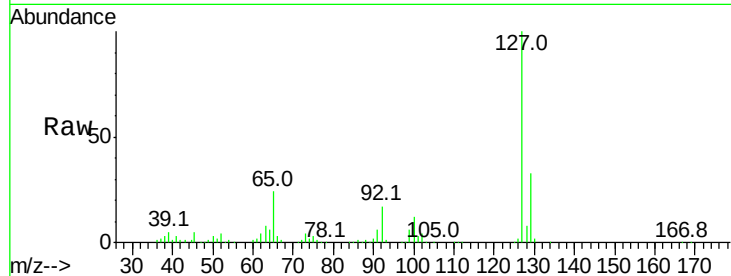
#33
 4-Chloroaniline
 Concen: 20.142 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ion	Ratio	Resp Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	24.2	25.0	37.4	
92	17.5	15.2	22.8	

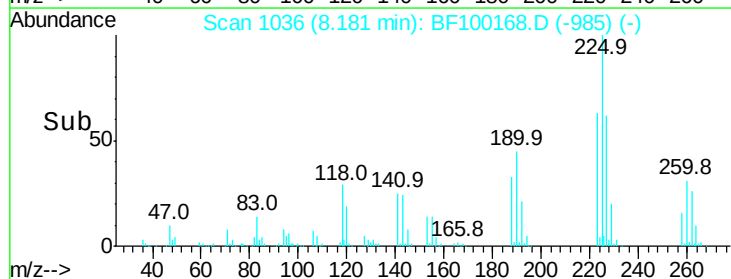
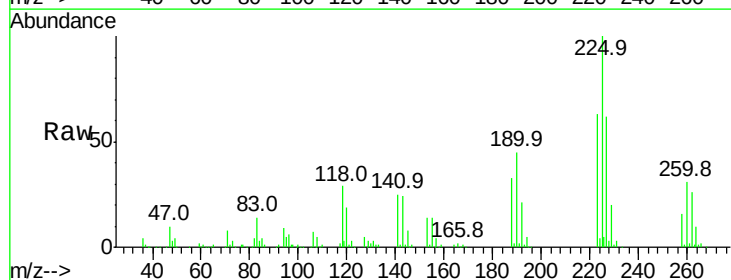
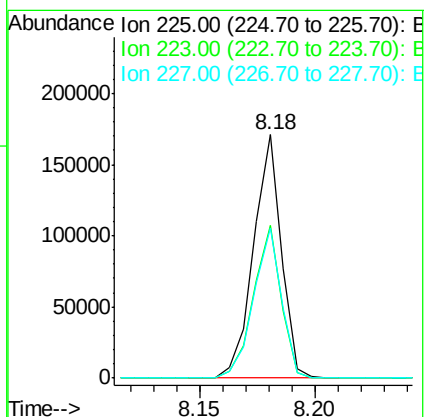
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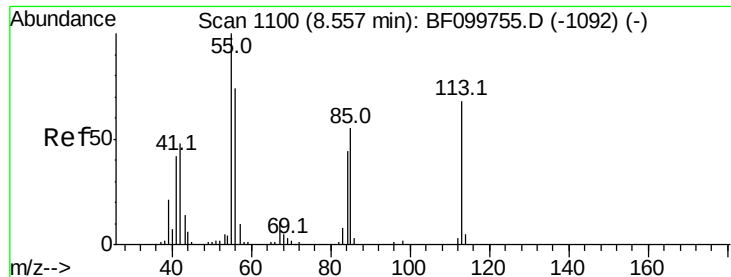
Sohil
 11/6/2017 2:23:00 PM



#34
 Hexachlorobutadiene
 Concen: 41.800 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ion	Ratio	Resp Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	61.7	51.9	77.9	





#35

Caprolactam

Concen: 8.249 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

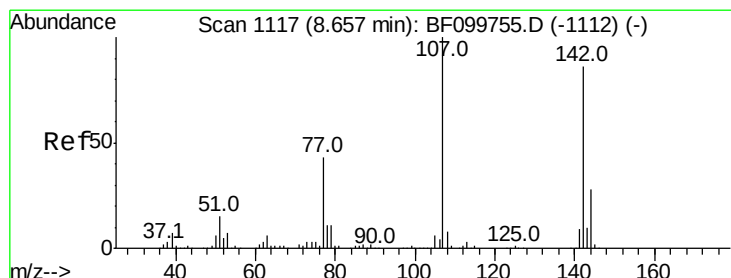
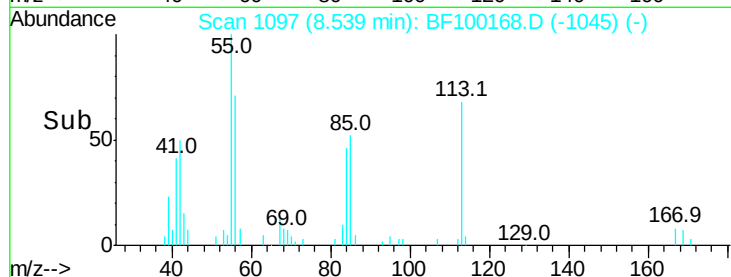
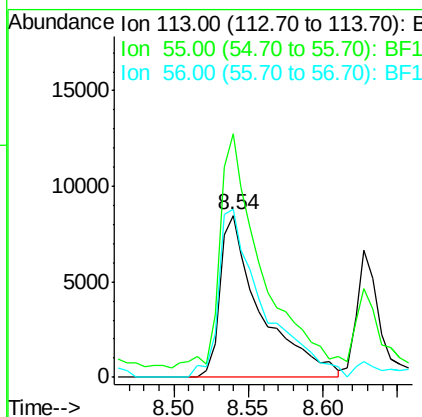
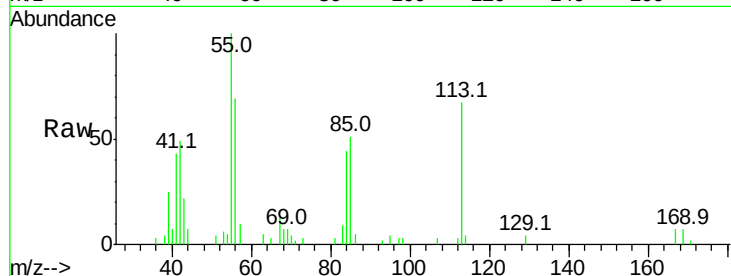
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:113 Resp: 16236
 Ion Ratio Lower Upper
 113 100
 55 150.1 163.3 203.3#
 56 104.0 115.7 155.7#

Manual Integrations
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 11/6/2017 2:23:00 PM



#36

4-Chloro-3-methylphenol

Concen: 38.629 ng

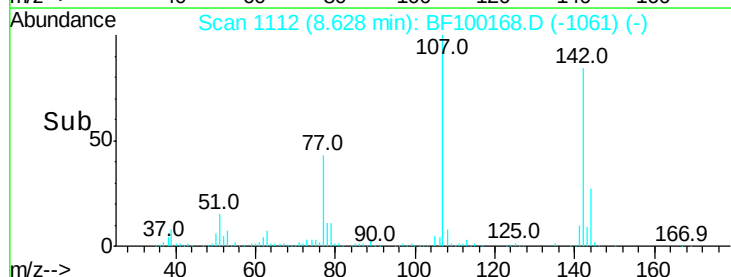
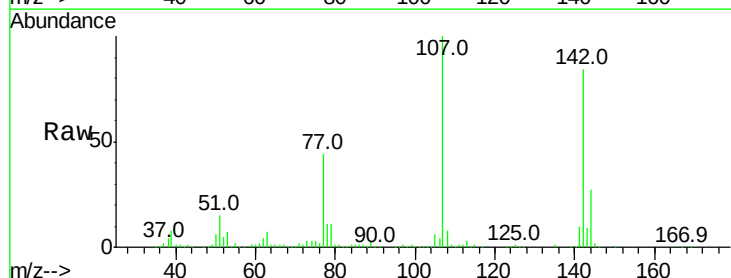
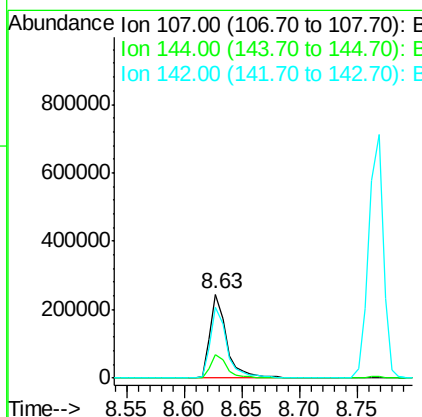
RT: 8.63 min Scan# 1112

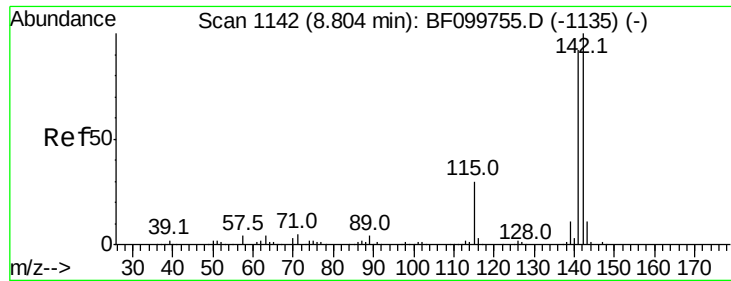
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:107 Resp: 246767
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 84.1 62.0 93.0





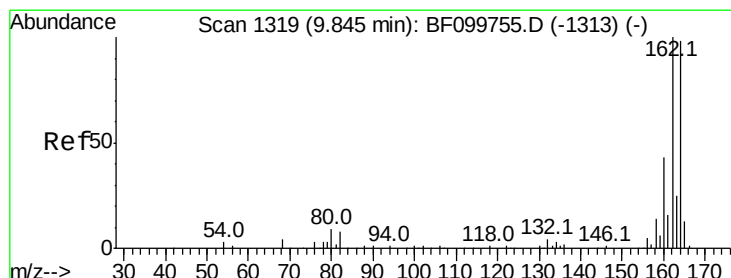
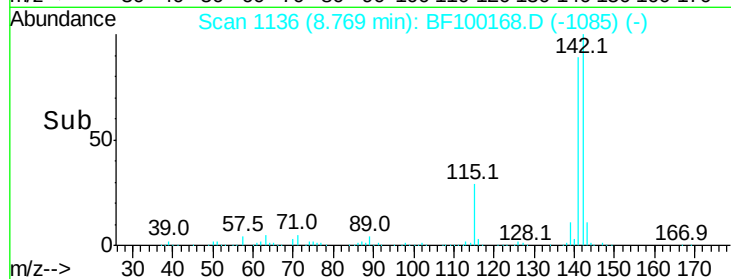
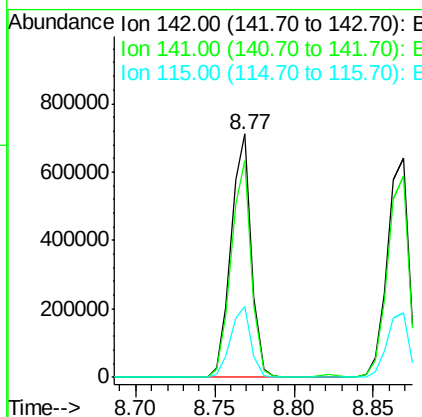
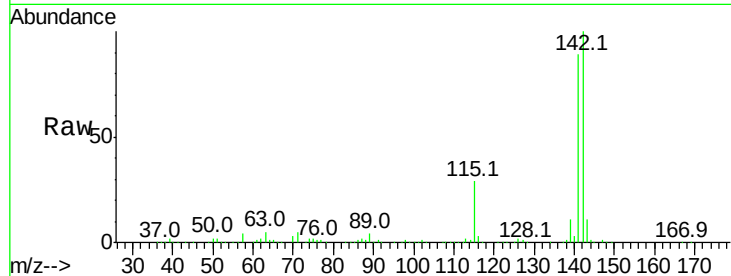
#37
2-Methylnaphthalene
Concen: 42.707 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	28.9	26.1	39.1

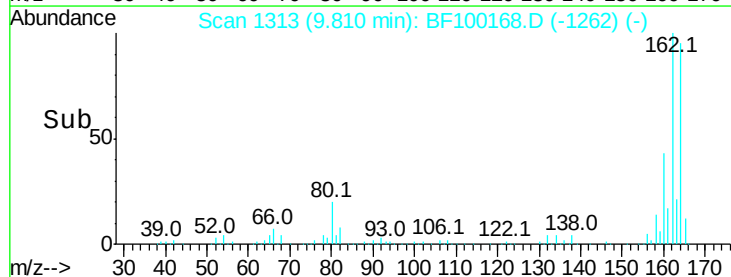
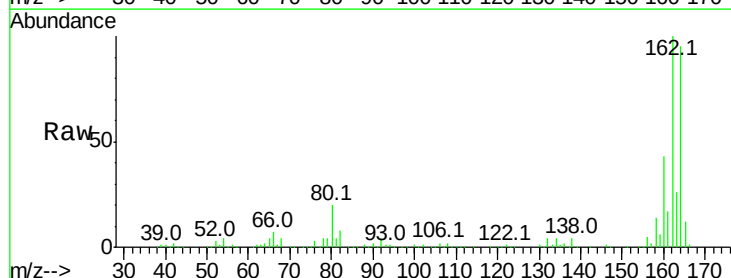
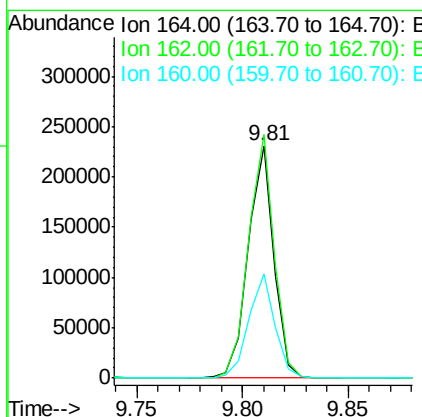
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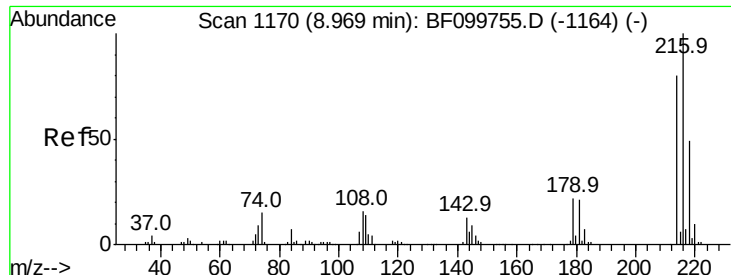
Sohil
11/6/2017 2:23:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.0	38.3	57.5





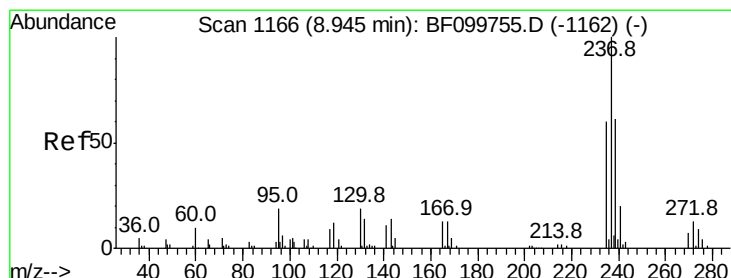
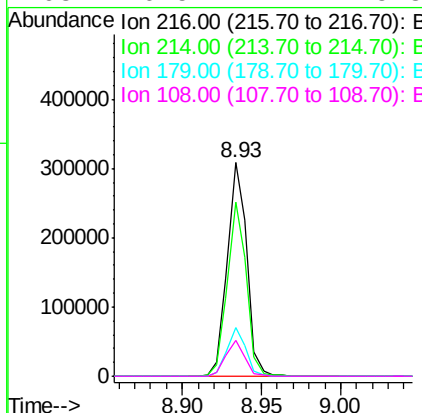
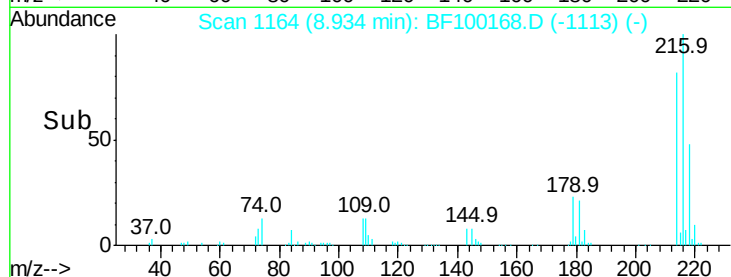
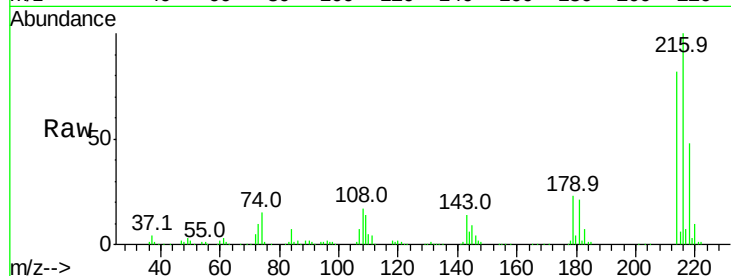
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.901 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.8	18.1	27.1
108	16.5	17.2	25.8#

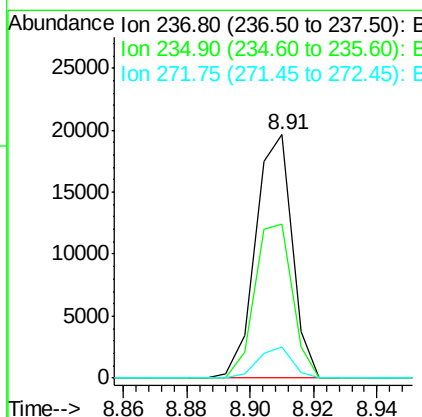
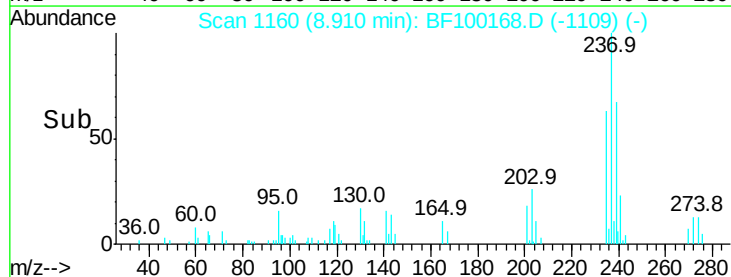
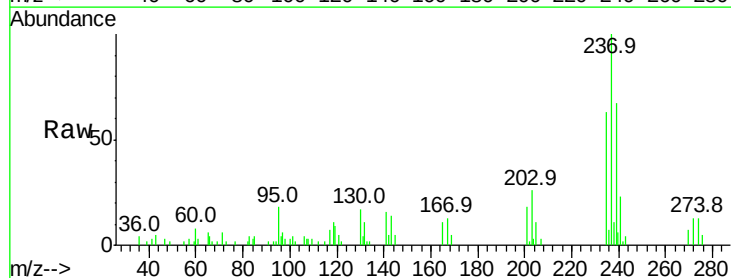
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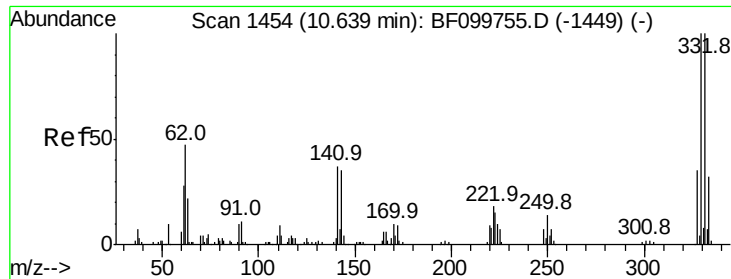
Sohil
 11/6/2017 2:23:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 23.806 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.9	0.0	33.3





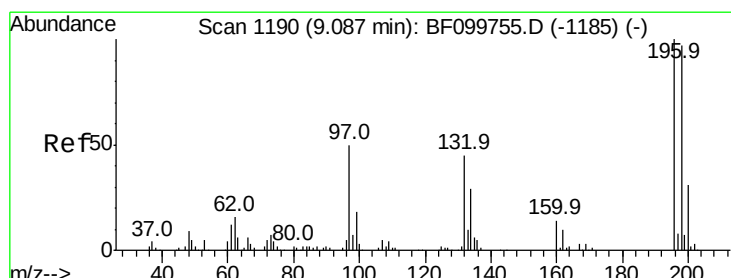
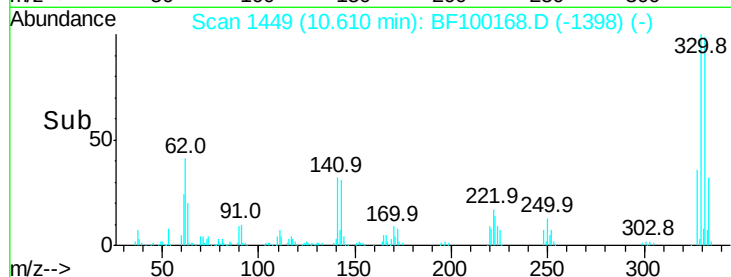
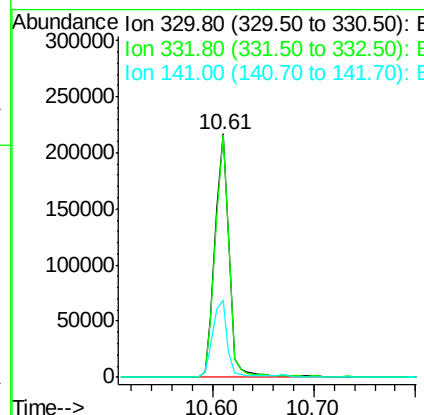
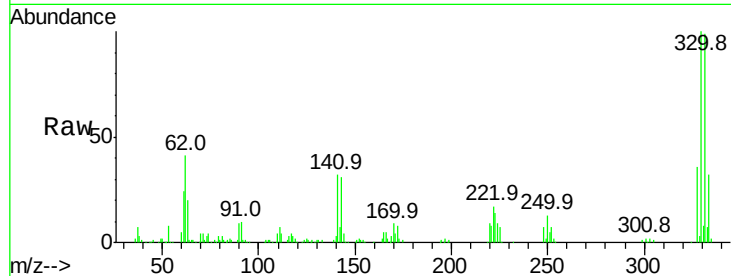
#41
 2,4,6-Tribromophenol
 Concen: 120.973 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214497		
332	97.1	77.0	115.6	
141	32.7	29.9	44.9	

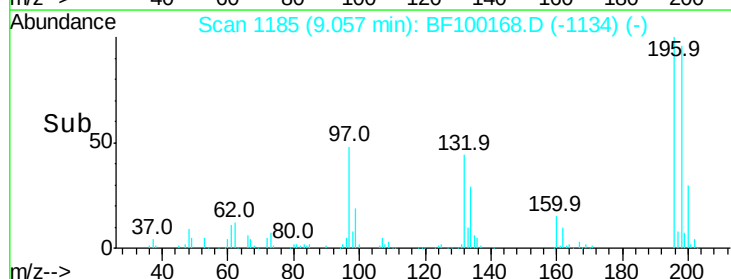
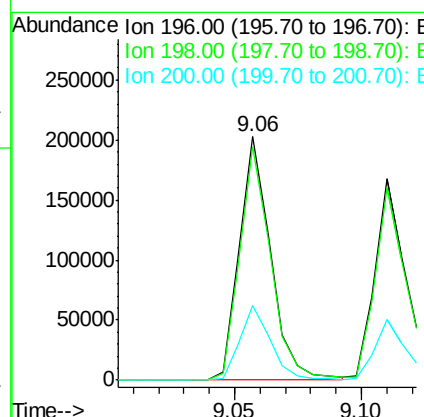
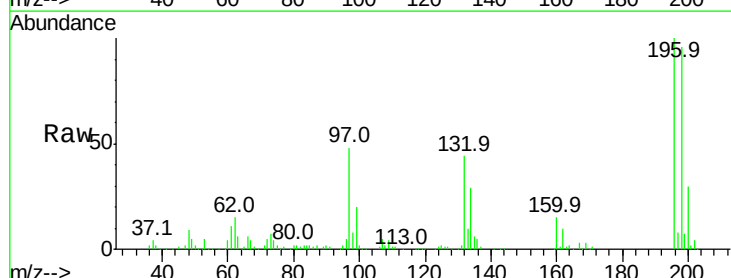
Manual Integrations
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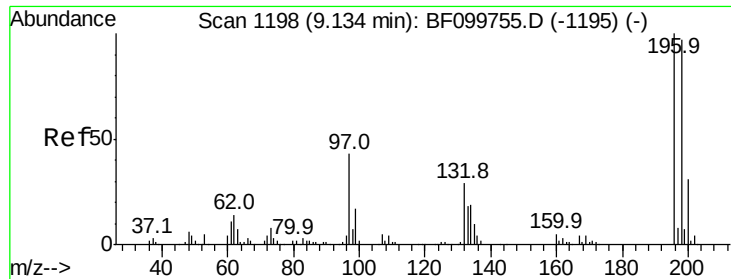
Sohil
 11/6/2017 2:23:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.432 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172688		
198	95.6	75.7	113.5	
200	30.5	24.5	36.7	





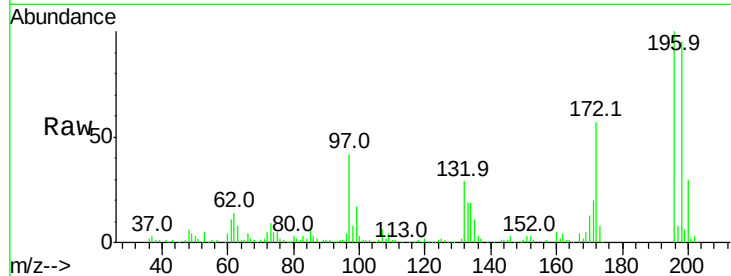
#43
2,4,5-Trichlorophenol
Concen: 41.842 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	168772		
198	95.3	74.6	112.0	
97	42.0	42.9	64.3	
132	29.1	26.3	39.5	

Manual Integrations
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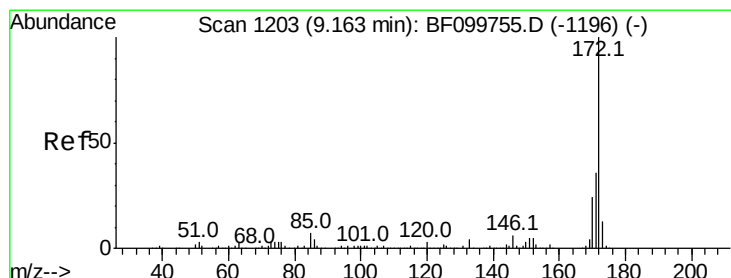
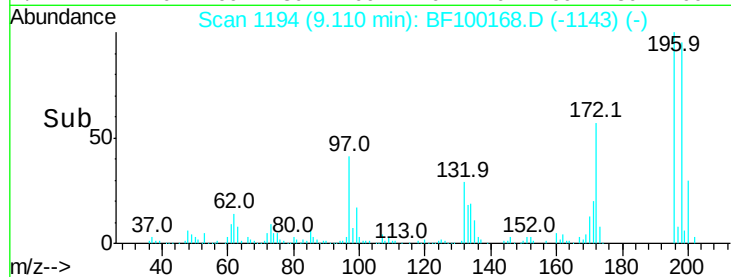
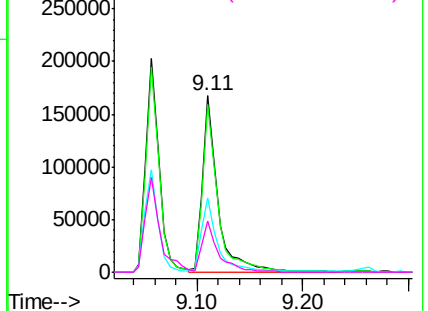
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 97.331 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

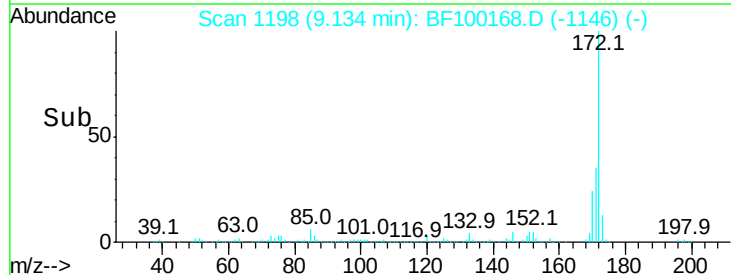
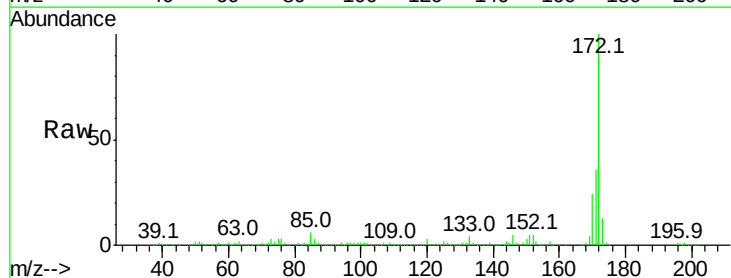
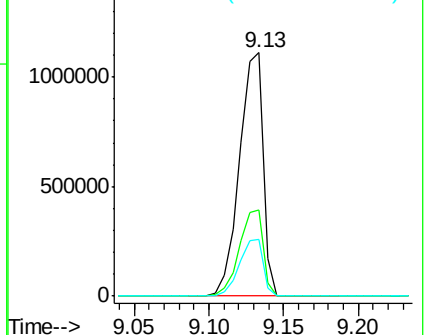
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1227424		
171	35.5	29.7	44.5	
170	23.5	19.6	29.4	

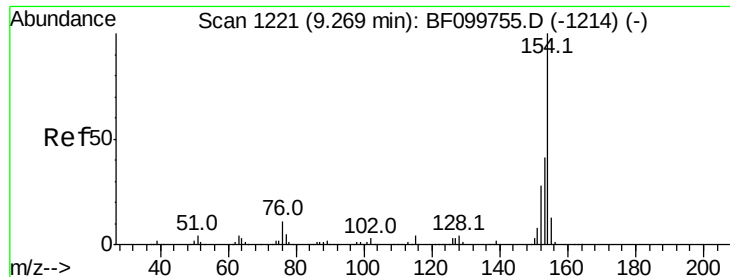
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





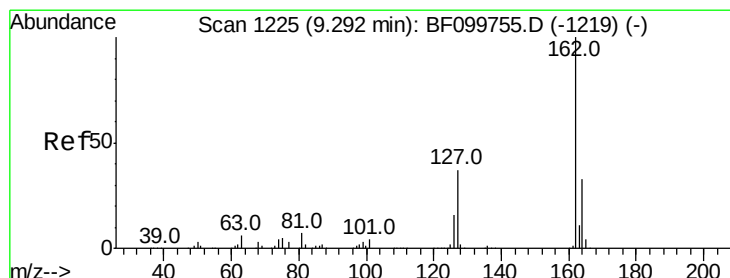
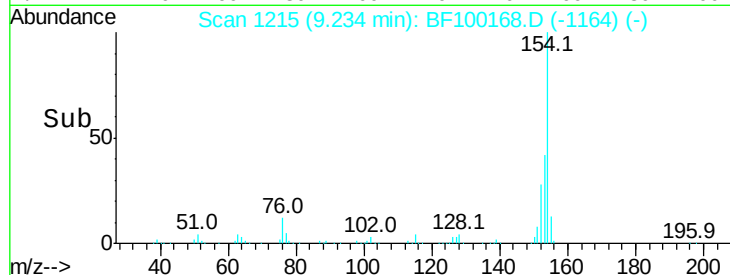
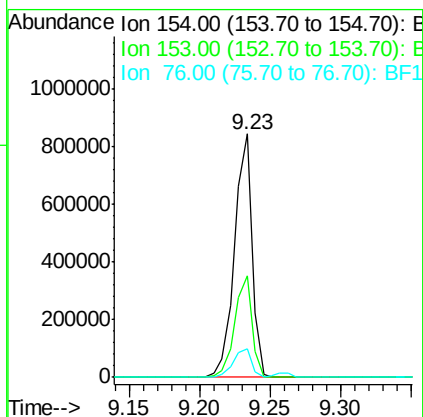
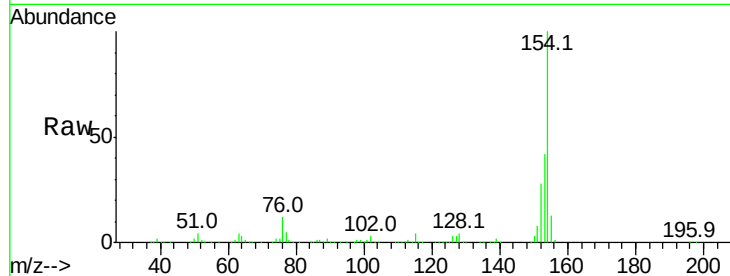
#45
1,1'-Biphenyl
Concen: 41.596 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	11.6	0.0	34.0

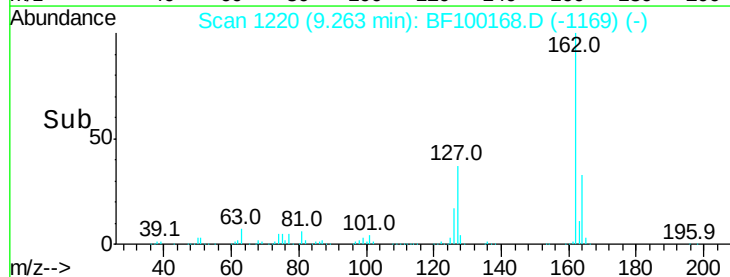
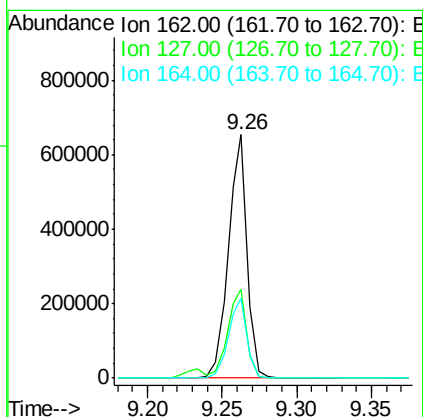
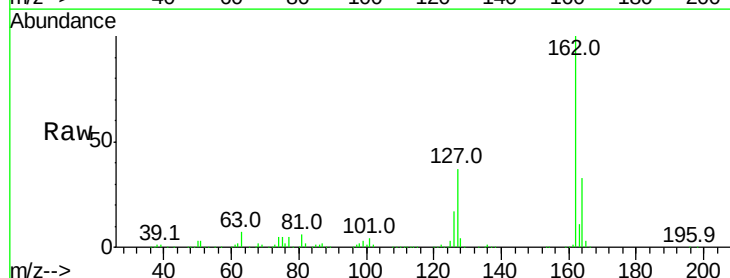
Manual Integrations
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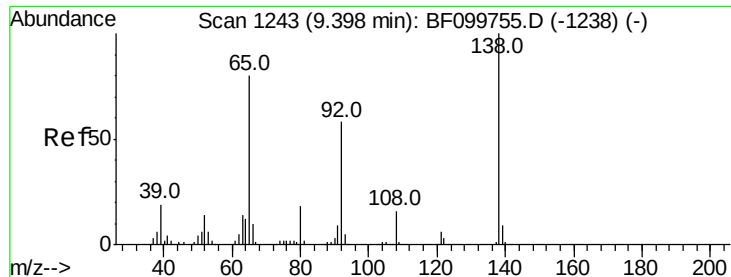
Sohil
11/6/2017 2:23:00 PM



#46
2-Chloronaphthalene
Concen: 45.121 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	33.9	50.9
164	32.9	26.5	39.7





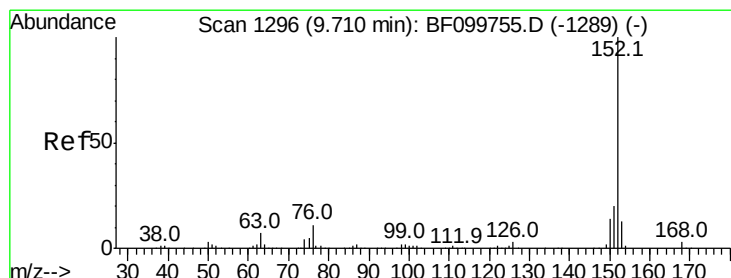
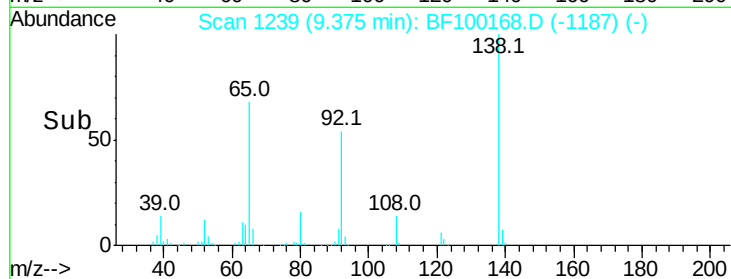
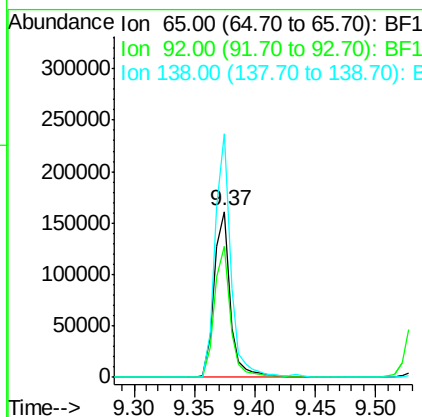
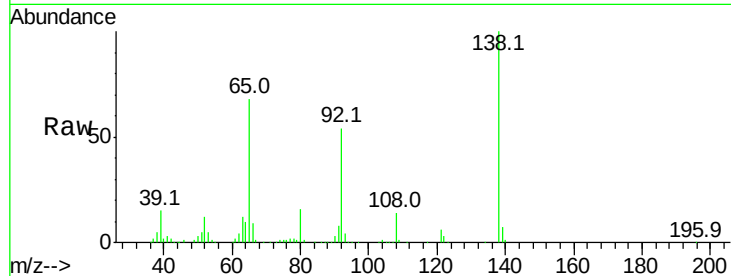
#47
2-Nitroaniline
Concen: 44.085 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.1	55.8	83.6
138	146.5	91.2	136.8#

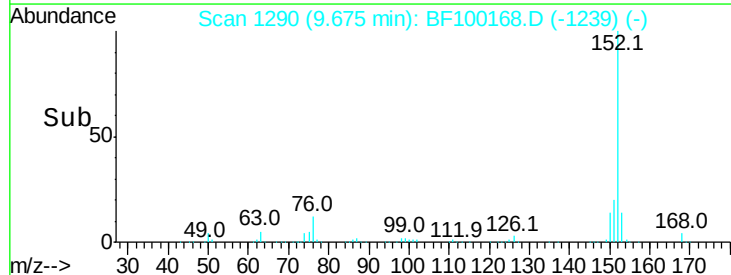
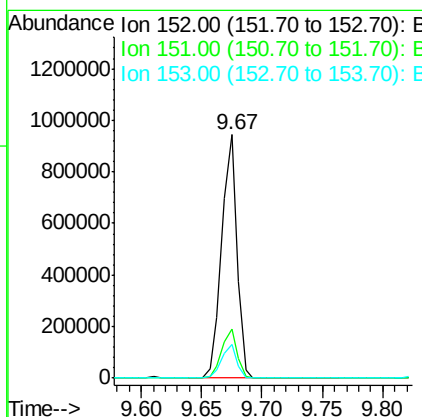
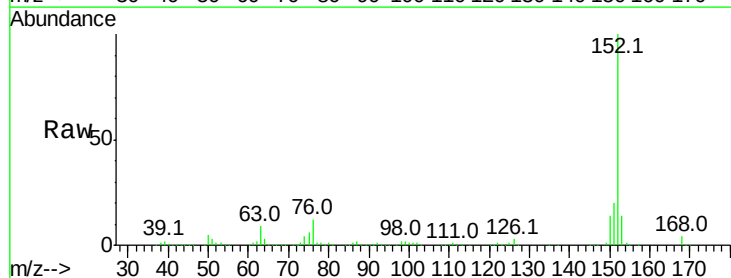
Manual Integrations
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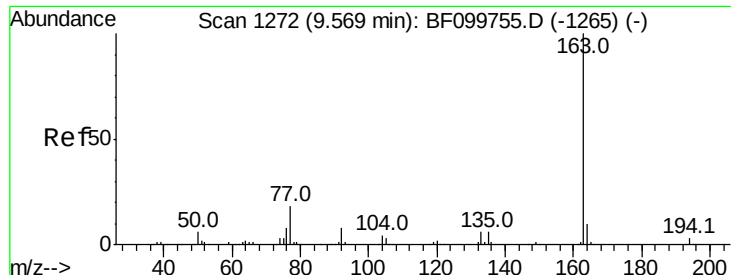
Sohil
11/6/2017 2:23:00 PM



#48
Acenaphthylene
Concen: 41.842 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.6	10.7	16.1





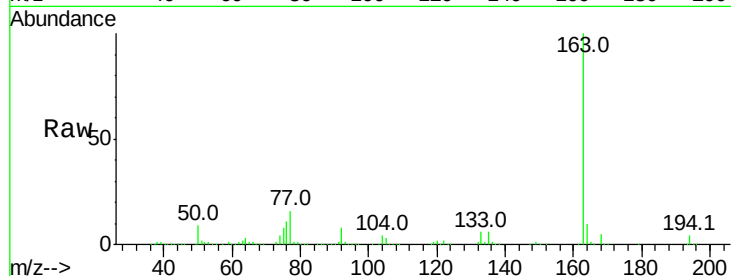
#49
Dimethylphthalate
Concen: 43.223 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

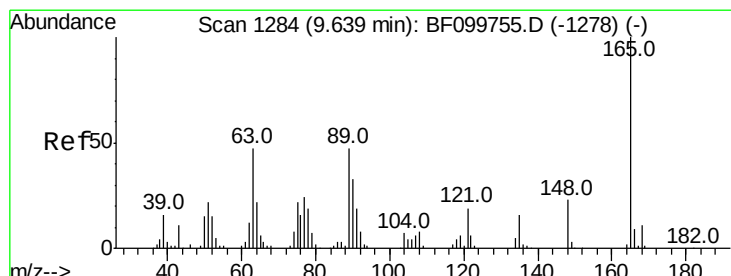
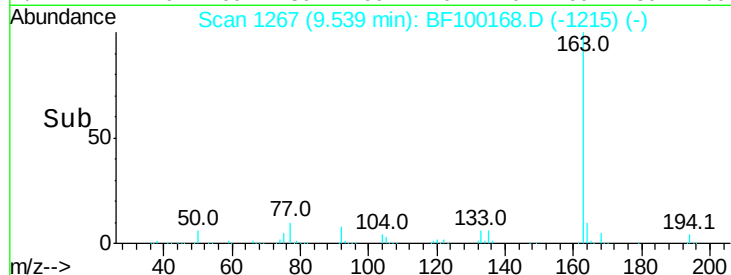
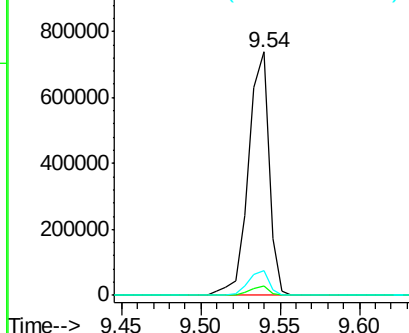
Tot Ion	Ratio	Resp	Lower	Upper
163	100	665976		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

Manual Integrations
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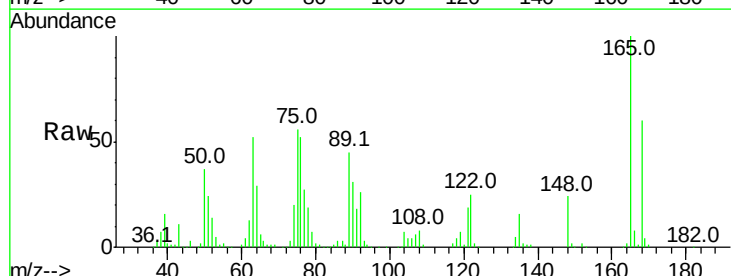


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

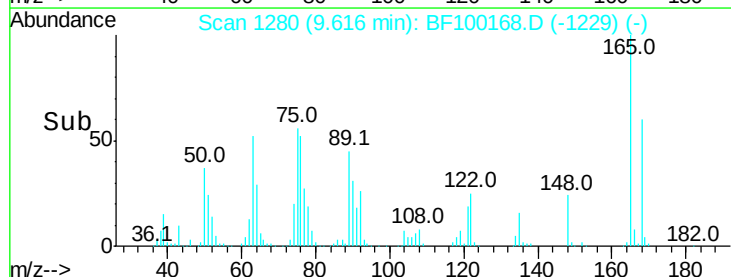
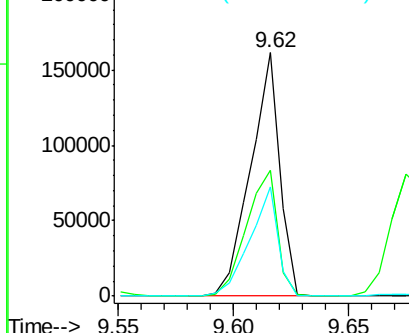


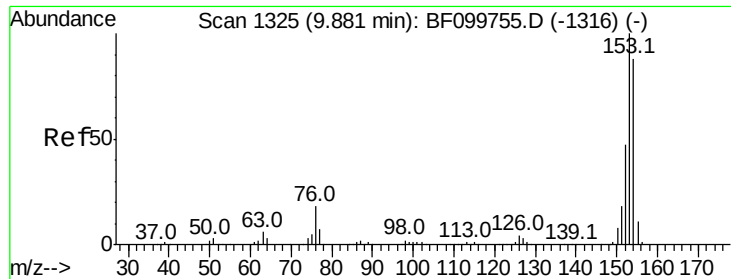
#50
2,6-Dinitrotoluene
Concen: 44.140 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142972		
63	51.7		44.7	67.1
89	44.9		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.891 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

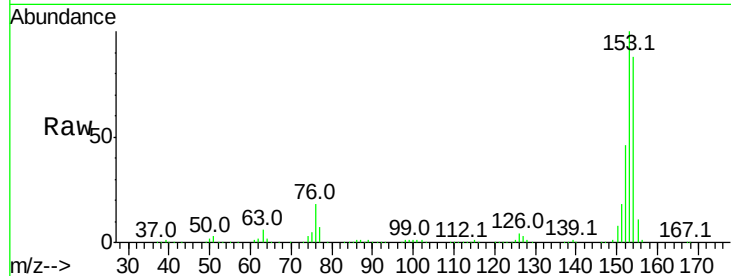
ClientSampleId :

RLF-GW-9SMSD

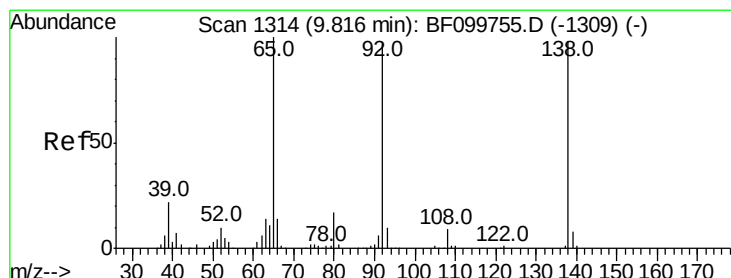
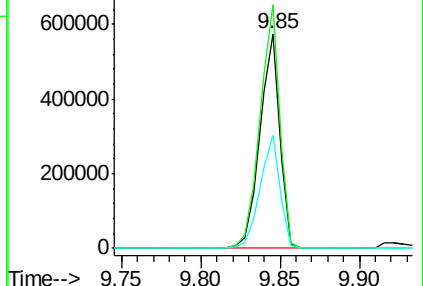
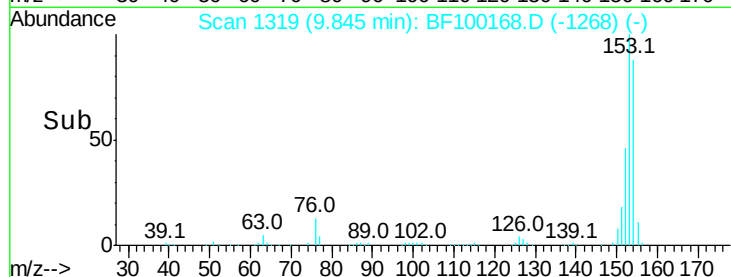
Tot Ion:154	Resp:	503933
Ion Ratio	Lower	Upper
154	100	
153	113.6	91.2 136.8
152	52.5	43.8 65.8

Manual Integrations
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11/6/2017 2:23:00 PM



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



#52

3-Nitroaniline

Concen: 26.773 ng

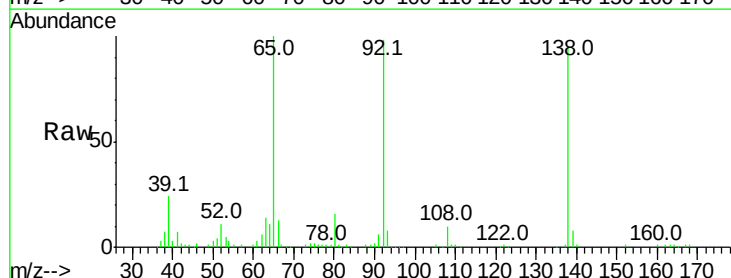
RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

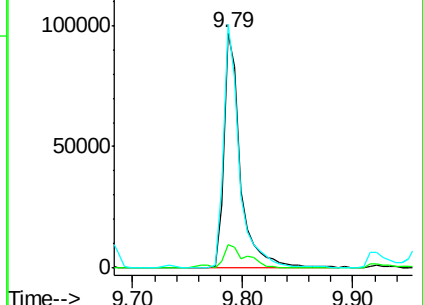
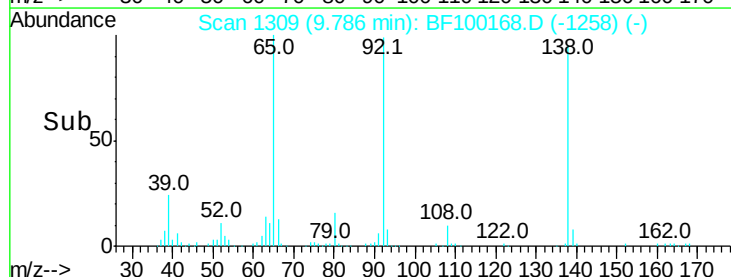
Lab File: BF100168.D

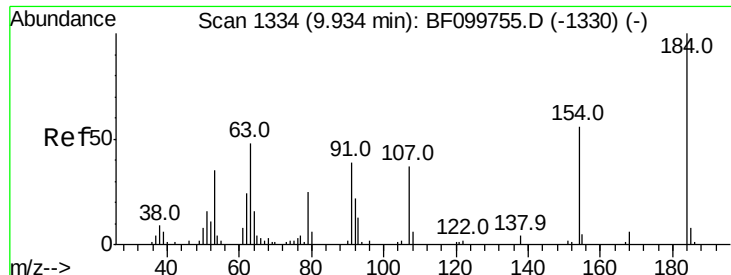
Acq: 4 Nov 2017 7:34

Tgt Ion:138	Resp:	102180
Ion Ratio	Lower	Upper
138	100	
108	10.1	9.4 14.0
92	103.5	89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





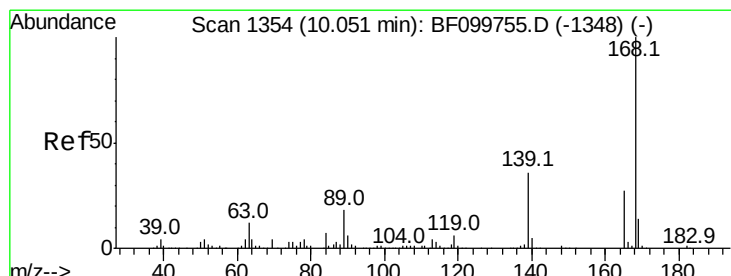
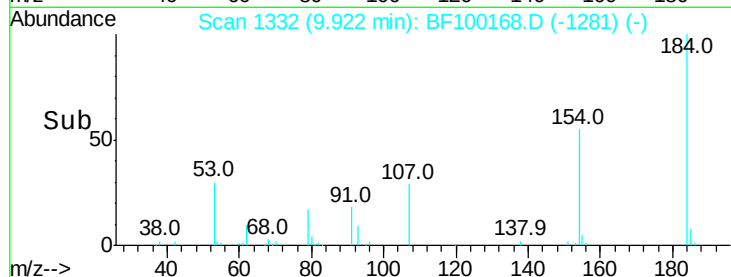
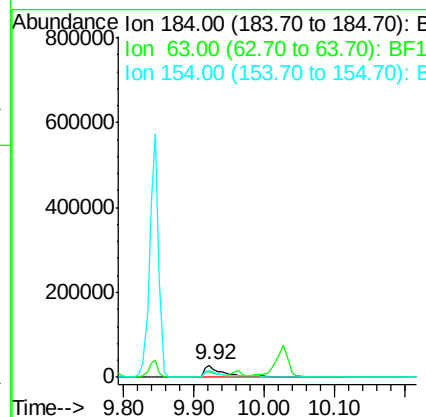
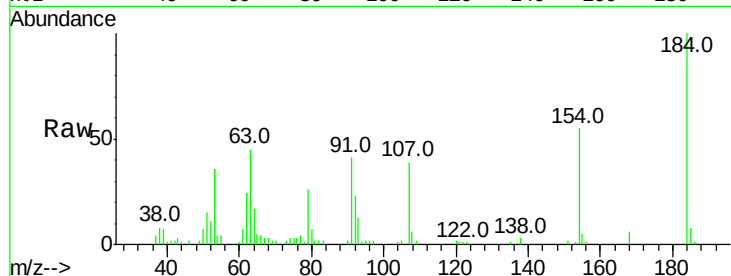
#53
2,4-Dinitrophenol
Concen: 48.904 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	45.0	54.2	81.2#	
154	54.9	53.5	80.3	

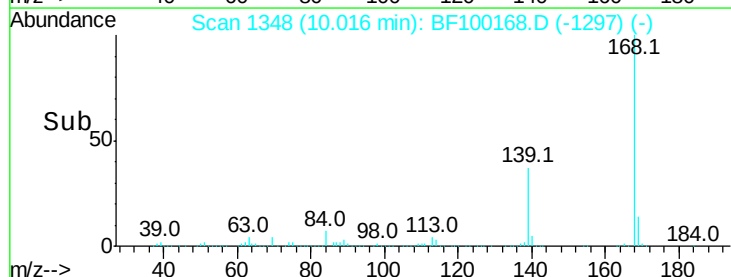
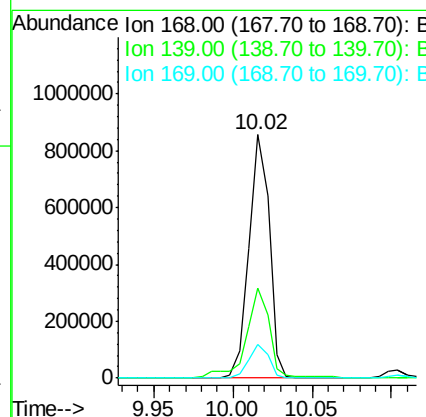
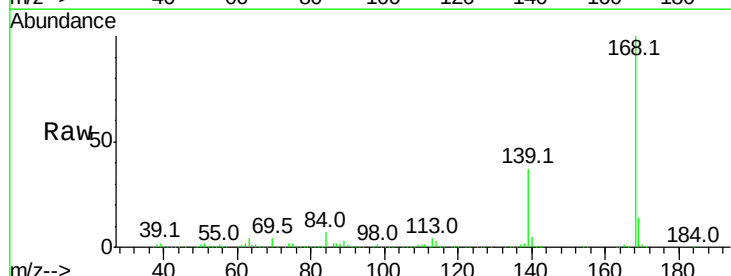
Manual Integrations
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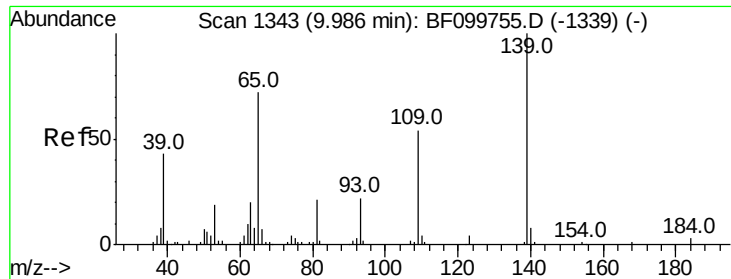
Sohil
11/6/2017 2:23:00 PM



#54
Dibenzofuran
Concen: 44.779 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.0	30.1	45.1	
169	13.7	10.9	16.3	





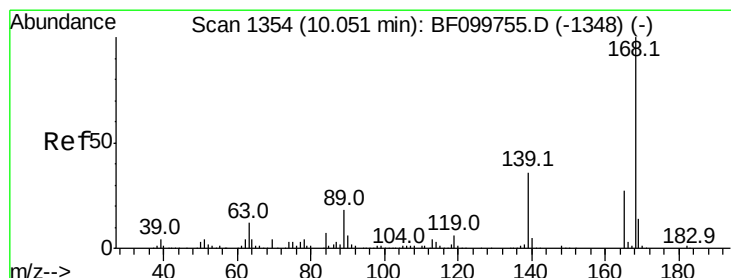
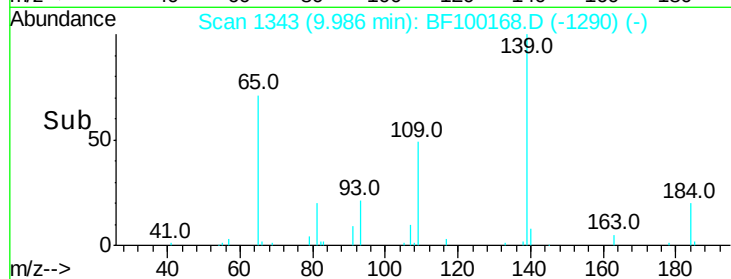
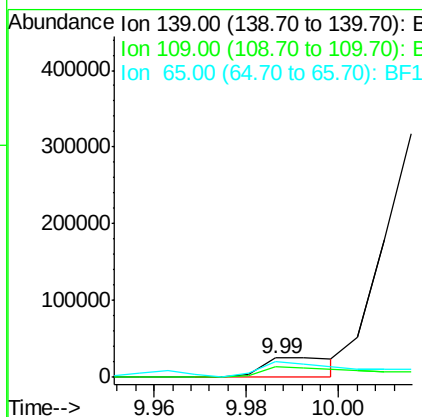
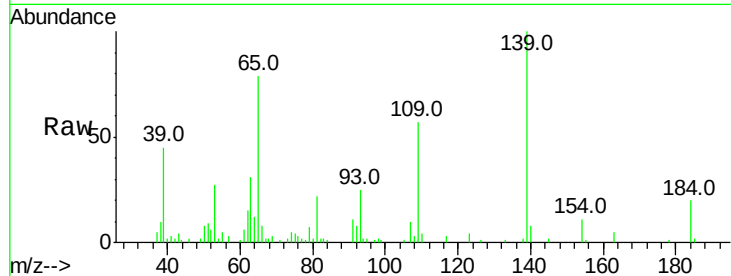
#55
4-Nitrophenol
Concen: 13.879 ng/ml
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.6	48.4	88.4
65	79.4	72.6	112.6

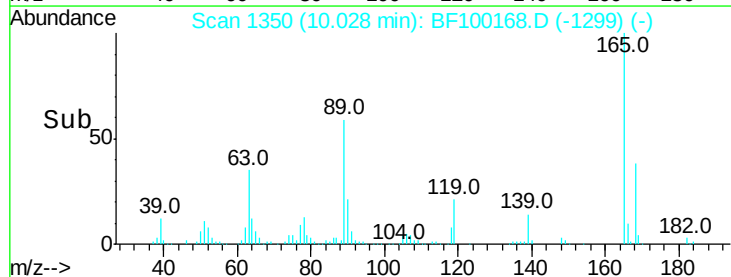
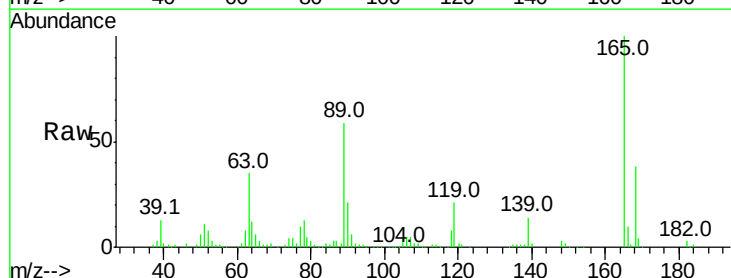
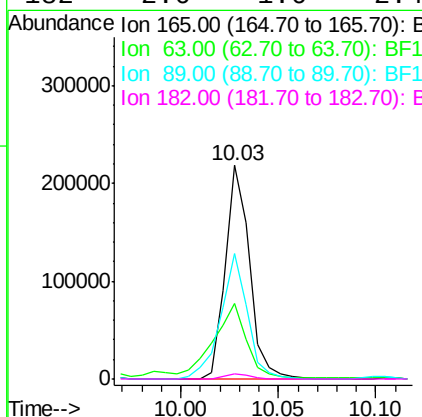
Manual Integrations
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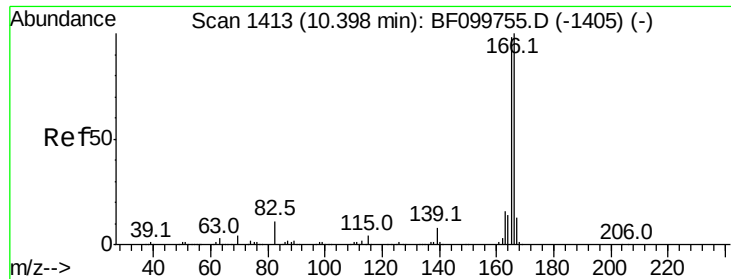
Sohil
11/6/2017 2:23:00 PM



#56
2,4-Dinitrotoluene
Concen: 48.091 ng/ml
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	36.4	54.6#
89	58.8	57.8	86.6
182	2.6	1.6	2.4#





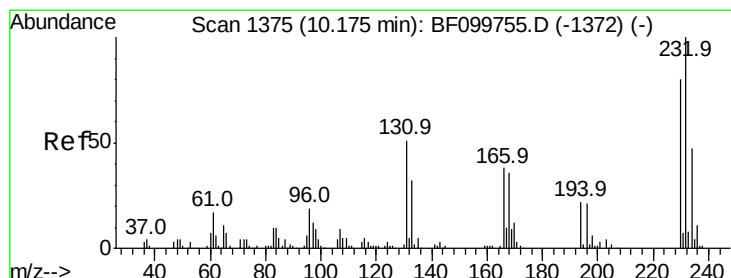
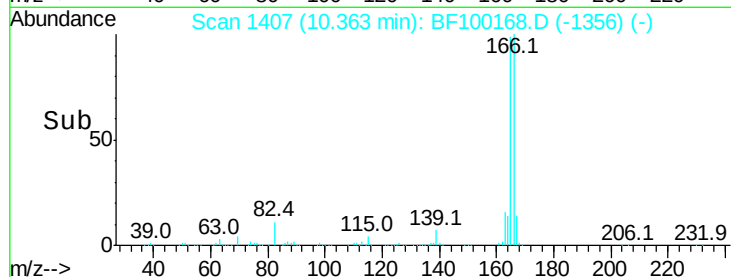
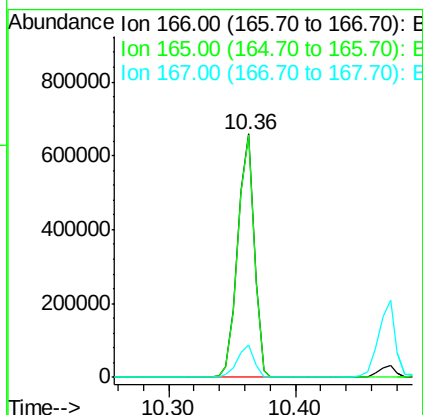
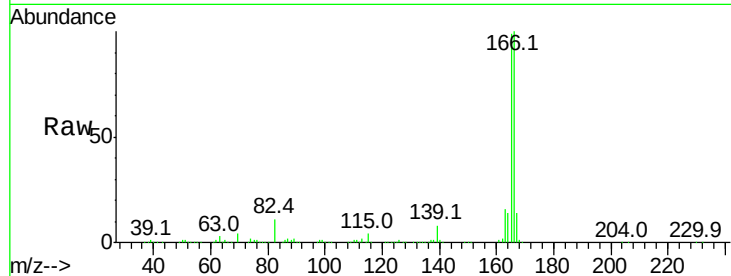
#57
Fluorene
Concen: 41.637 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	585395		
165	99.3	79.8	119.8	
167	13.5	10.6	16.0	

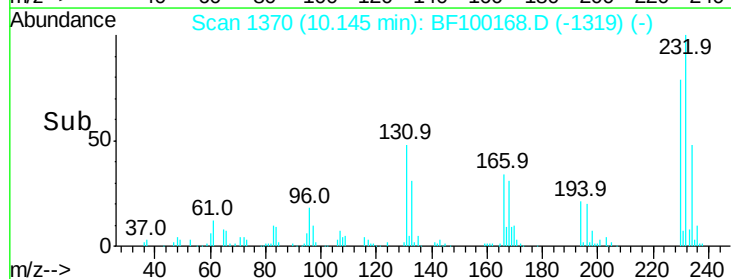
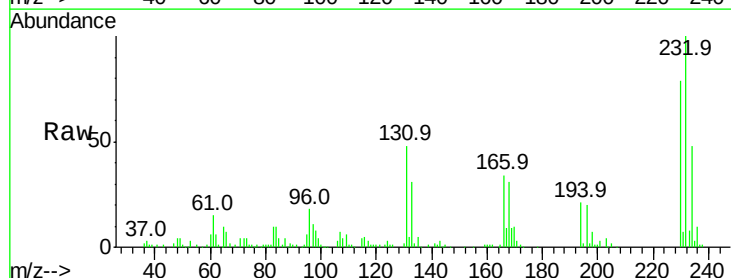
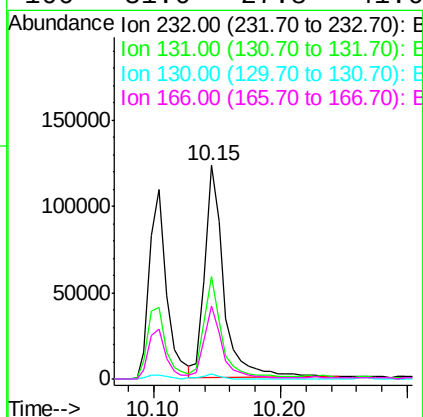
Manual Integrations
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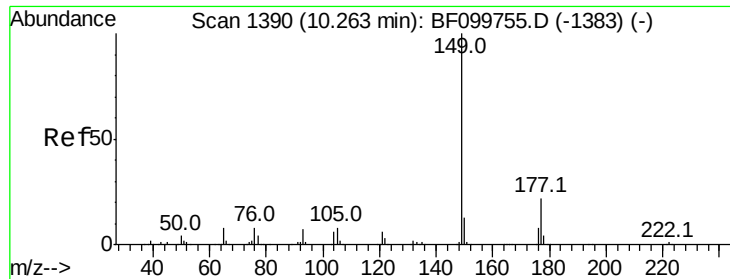
Sohil
11/6/2017 2:23:00 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.443 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	128517		
131	43.0	43.8	65.8#	
130	2.1	2.1	3.1	
166	31.6	27.8	41.6	





#59

Diethylphthalate

Concen: 41.899 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

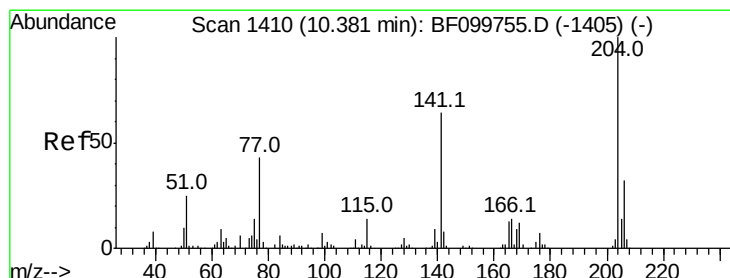
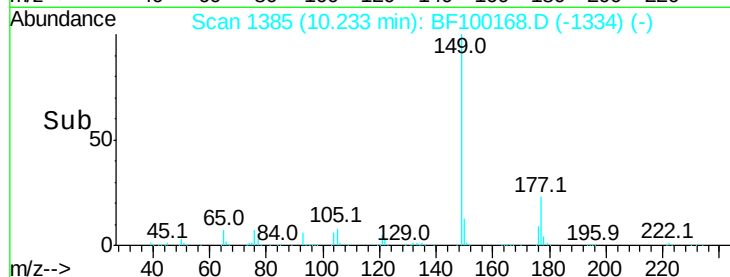
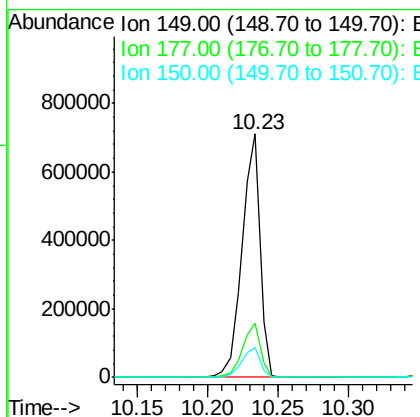
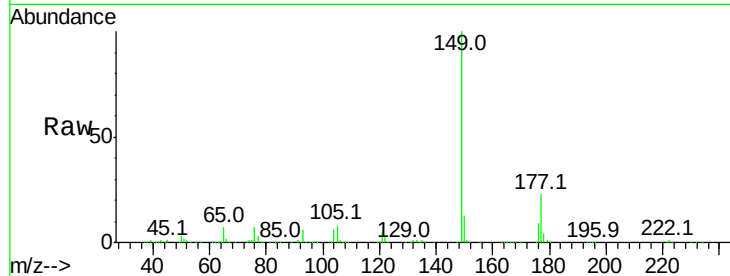
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	149	Resp:	630438
Ion Ratio	Lower	Upper	
149	100		
177	22.5	16.1	24.1
150	12.5	10.1	15.1

Manual Integrations
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Sohil
11/6/2017 2:23:00 PM



#60

4-Chlorophenyl-phenylether

Concen: 42.184 ng

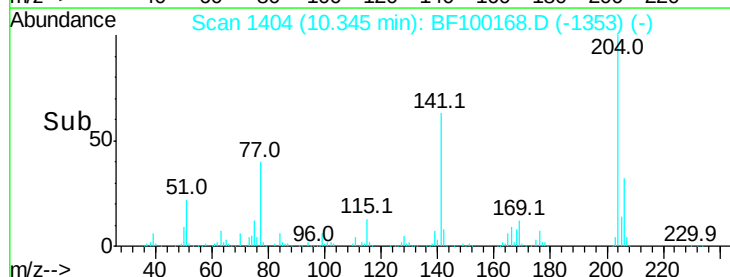
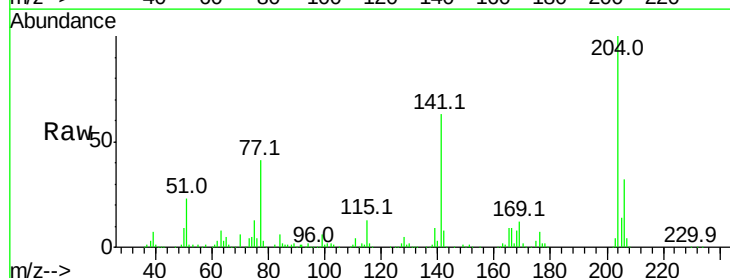
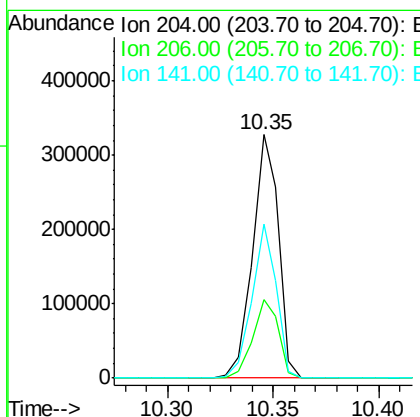
RT: 10.35 min Scan# 1404

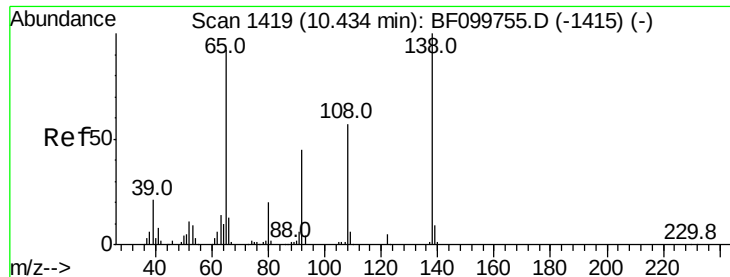
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	204	Resp:	279123
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.5	39.7
141	63.0	54.6	81.8





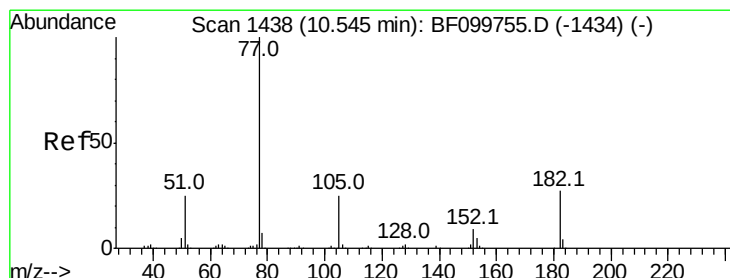
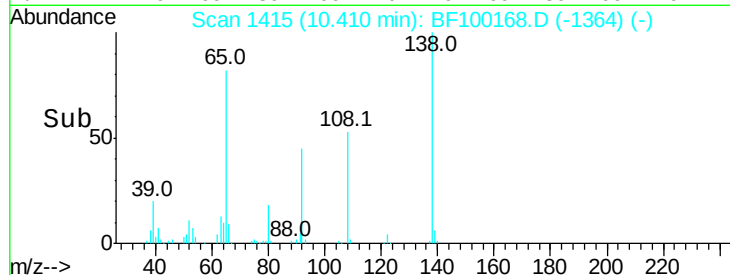
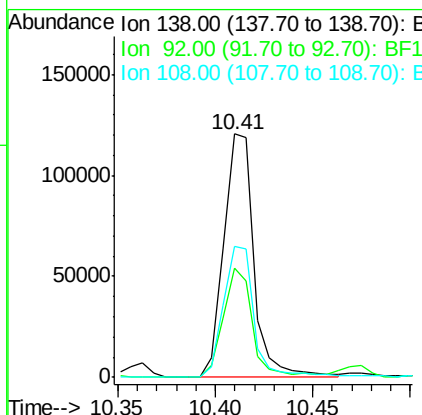
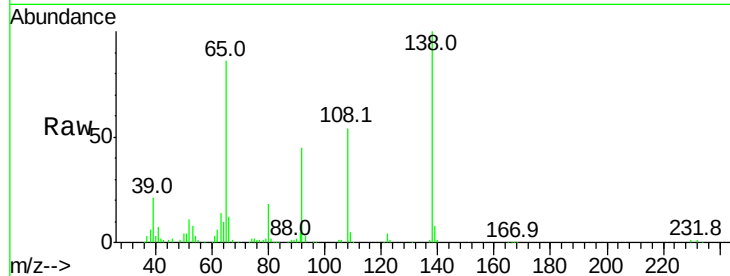
#61
4-Nitroaniline
Concen: 35.662 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.8	30.2	70.2
108	53.8	52.5	92.5

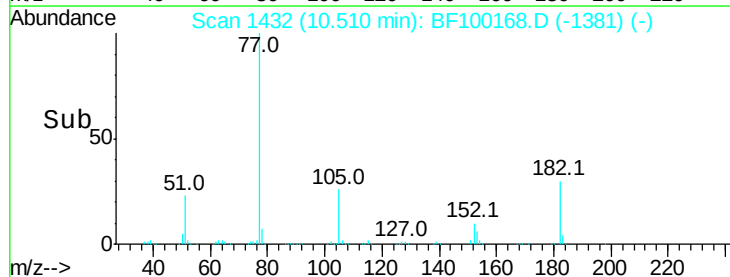
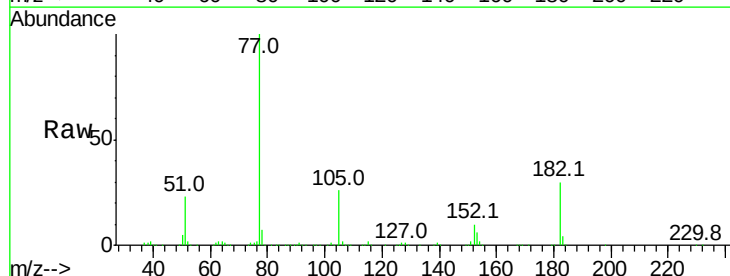
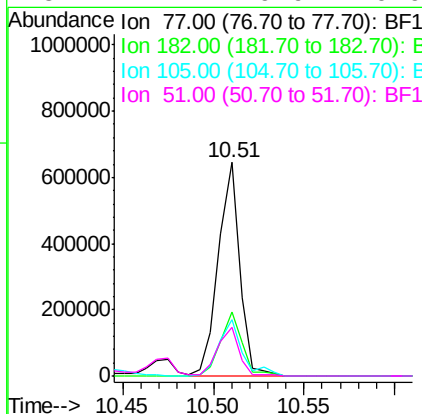
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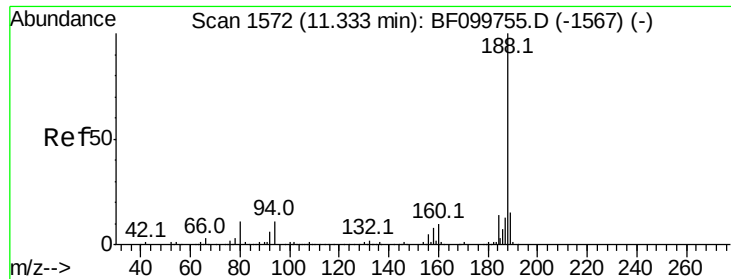
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#62
Azobenzene
Concen: 42.264 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	1.7	41.7
105	26.4	3.0	43.0
51	22.7	9.9	49.9





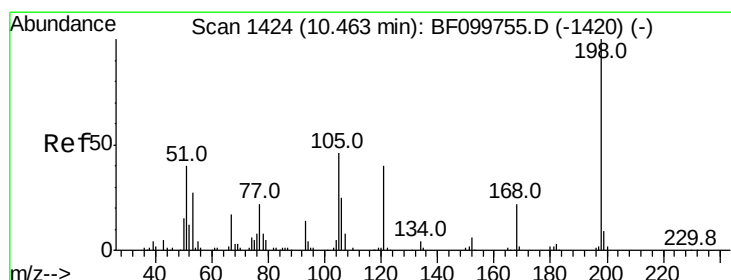
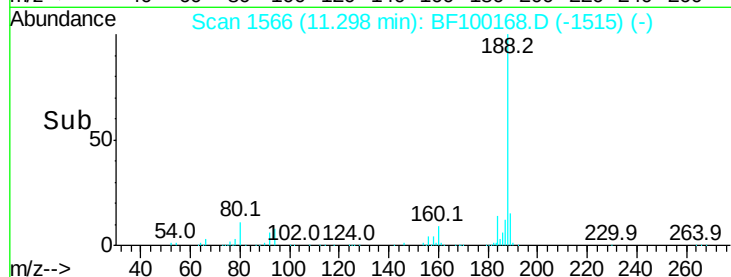
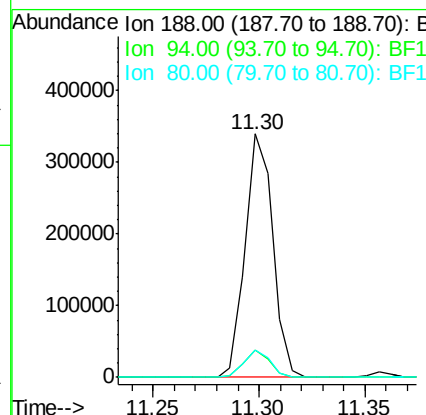
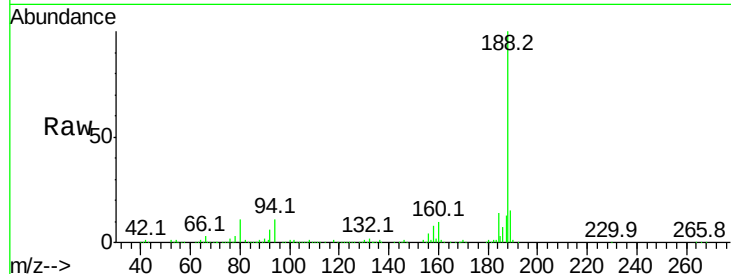
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307348		
94	11.0		8.5	12.7
80	11.2		9.2	13.8

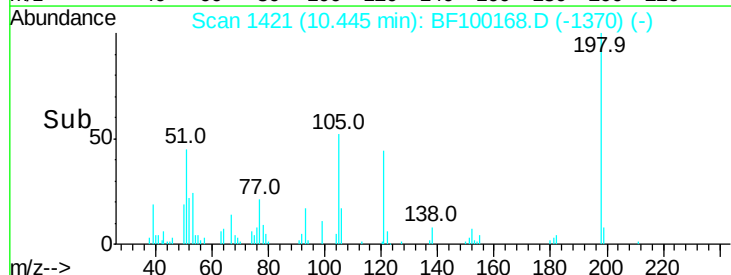
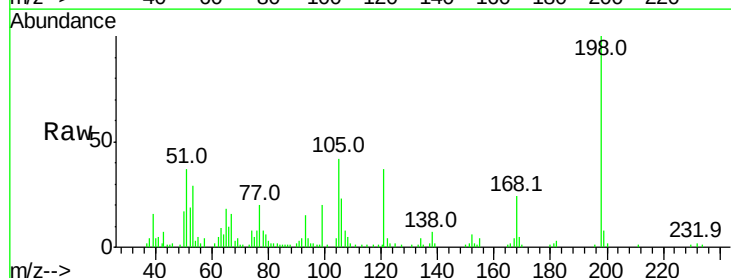
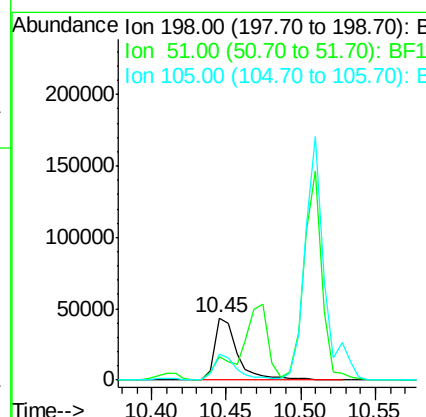
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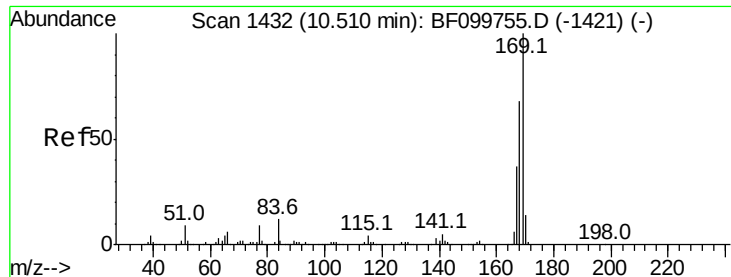
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.464 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	47264		
51	36.8		37.7	77.7#
105	41.9		36.3	76.3





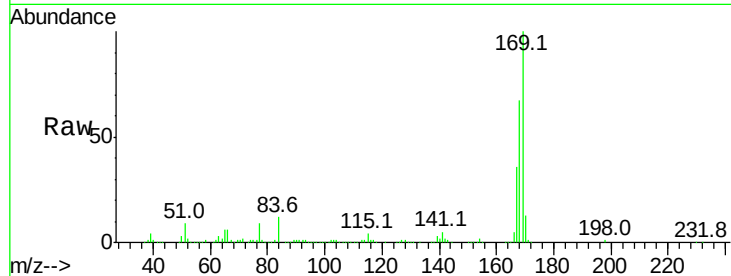
#65
n-Nitrosodiphenylamine
Concen: 46.499 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

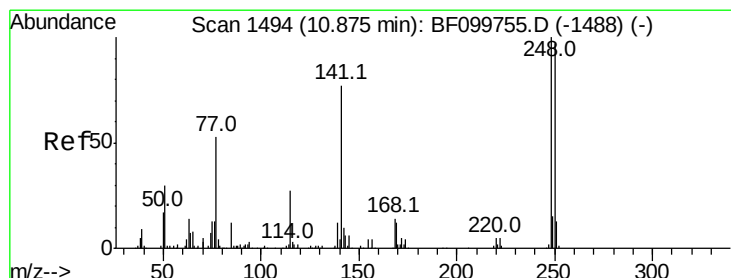
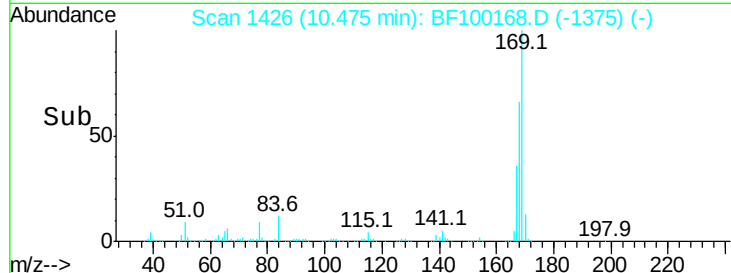
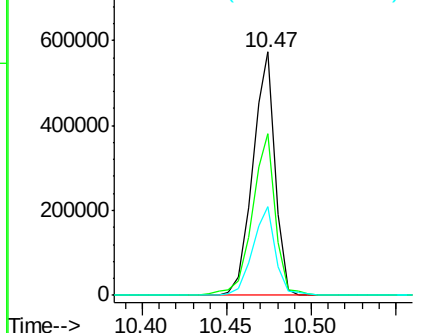
Tot Ion	Ratio	Resp	Lower	Upper
169	100	527554		
168	66.6	54.4	81.6	
167	36.5	29.8	44.6	

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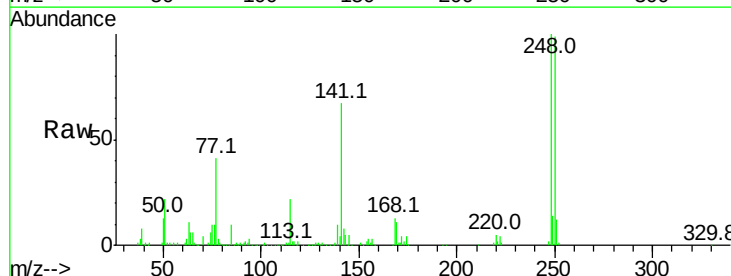


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

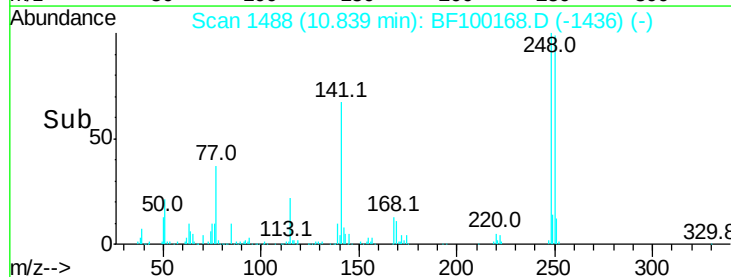
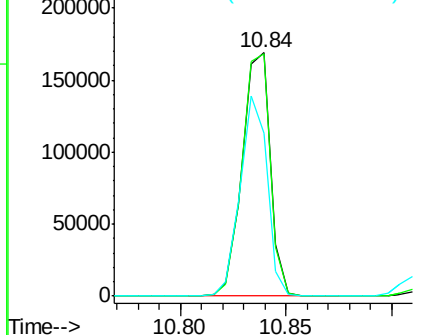


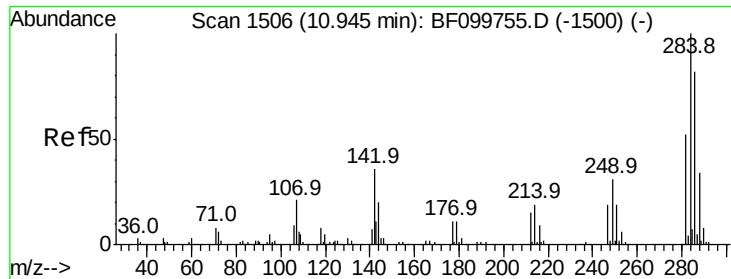
#66
4-Bromophenyl-phenylether
Concen: 48.377 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156530		
250	99.4	76.9	115.3	
141	67.1	74.4	111.6	



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





#67

Hexachlorobenzene

Concen: 45.128 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

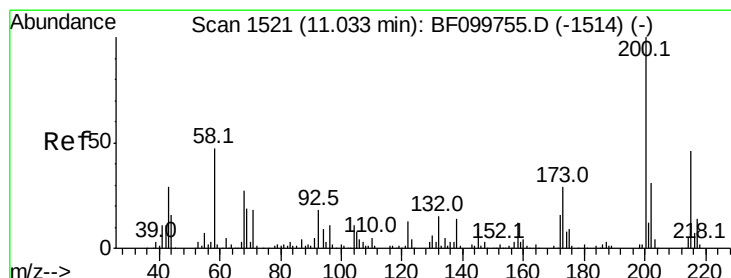
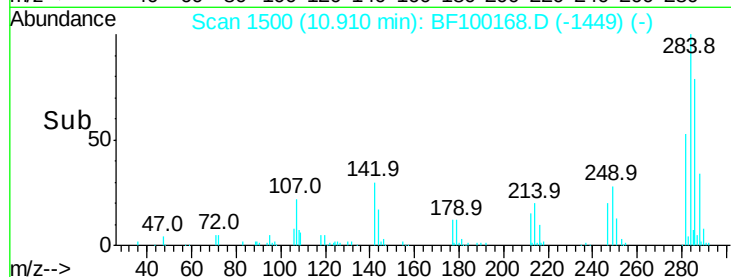
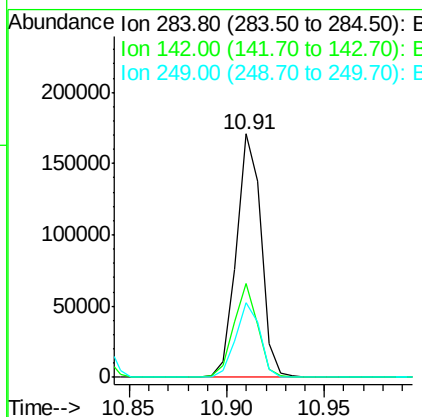
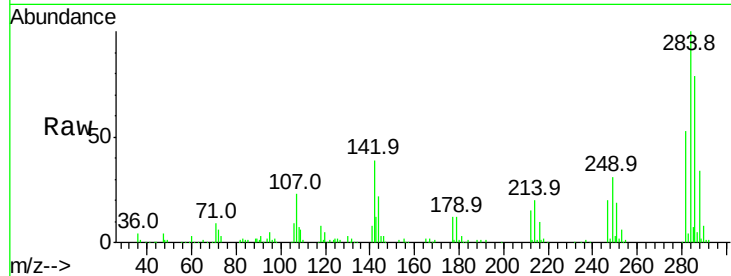
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	284	Resp:	149384
Ion Ratio	Lower	Upper	
284	100		
142	38.5	34.6	52.0
249	30.8	24.8	37.2

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#68

Atrazine

Concen: 47.340 ng

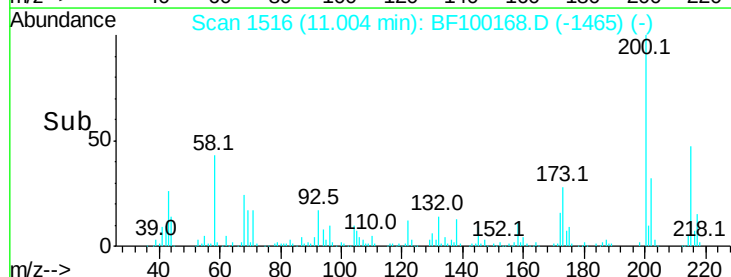
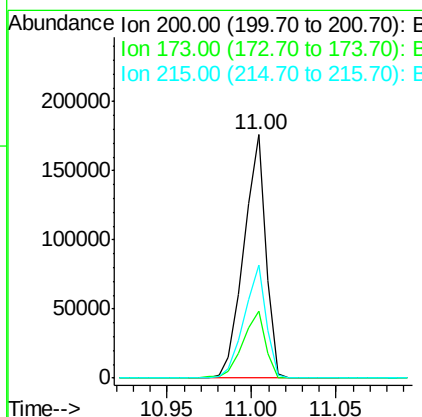
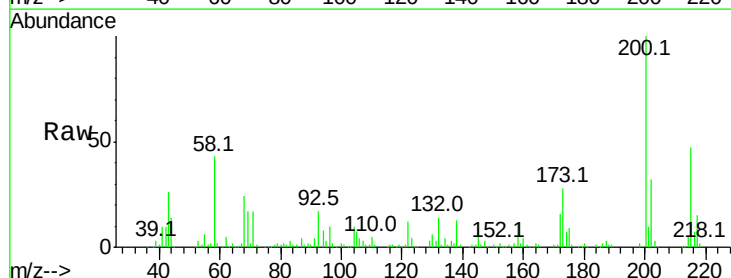
RT: 11.00 min Scan# 1516

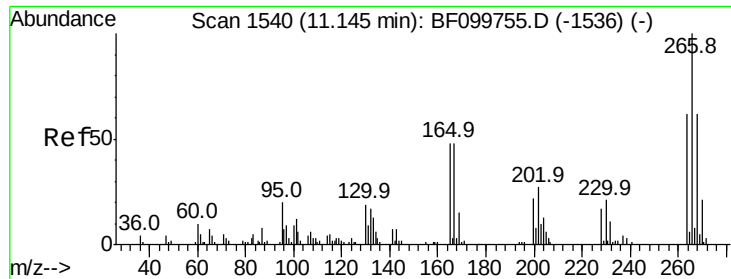
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	200	Resp:	161336
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.6	48.6
215	46.6	25.1	65.1





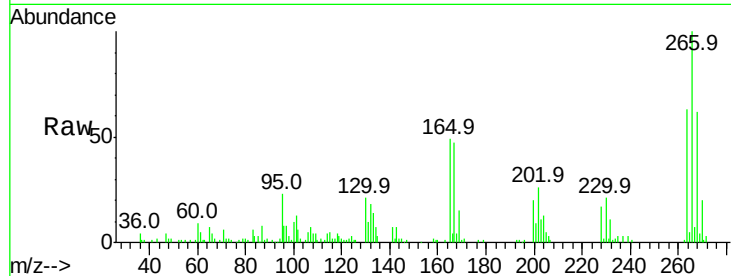
#69
 Pentachlorophenol
 Concen: 74.269 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

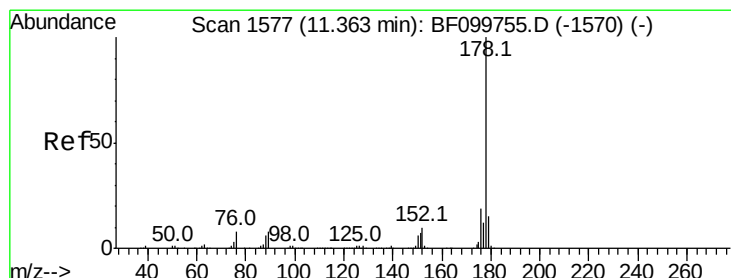
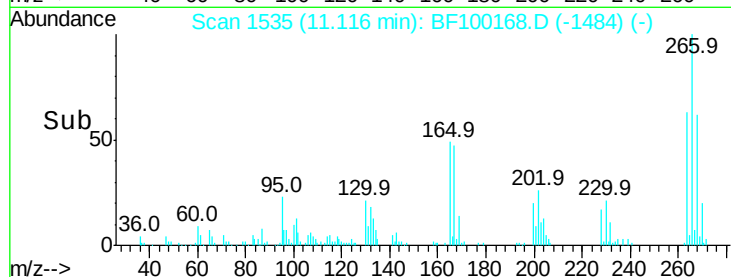
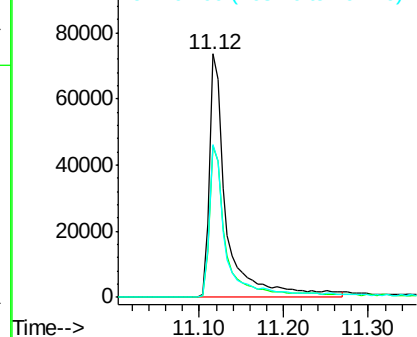
Tot Ion	Ratio	Resp	Lower	Upper
266	100	105051		
268	62.3	51.1	76.7	
264	62.8	49.5	74.3	

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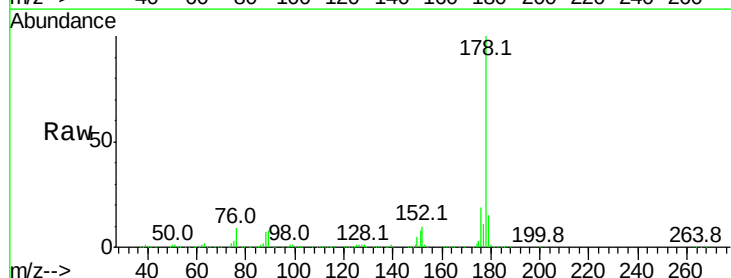


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

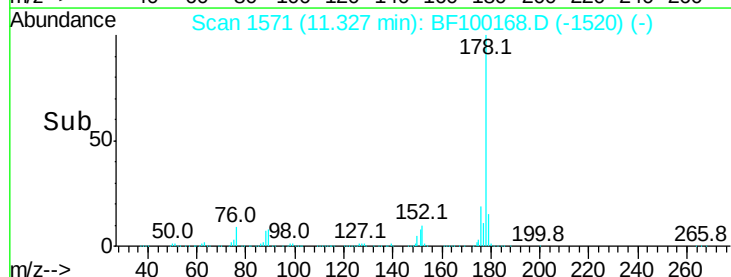
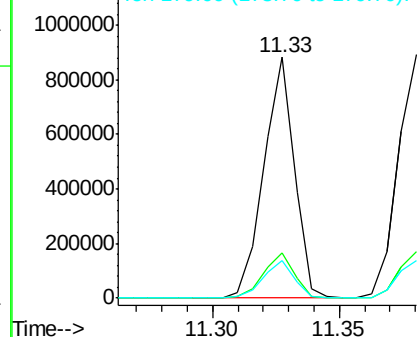


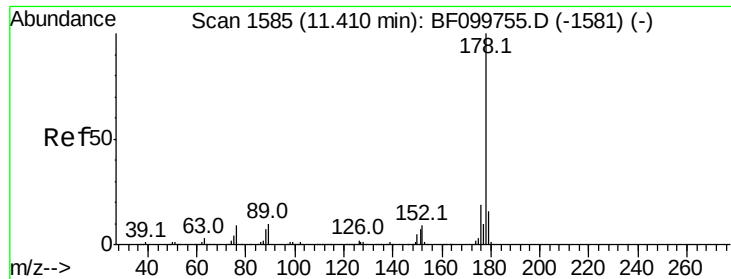
#70
 Phenanthrene
 Concen: 43.020 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	746184		
176	18.7	15.8	23.8	
179	15.4	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





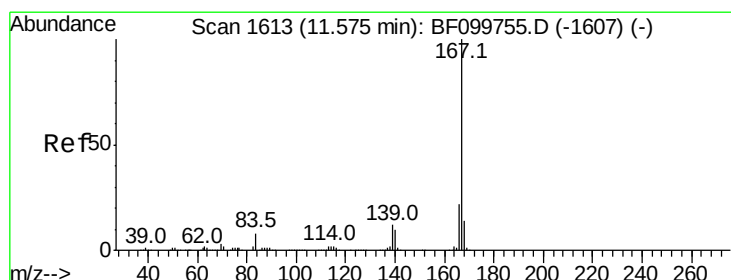
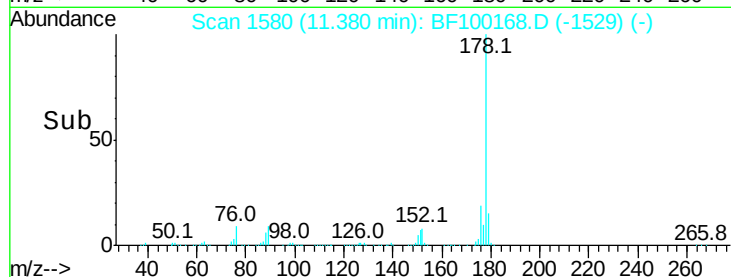
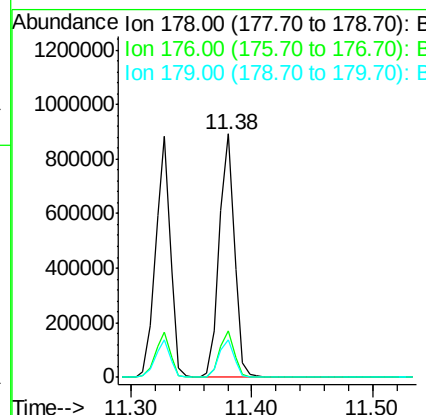
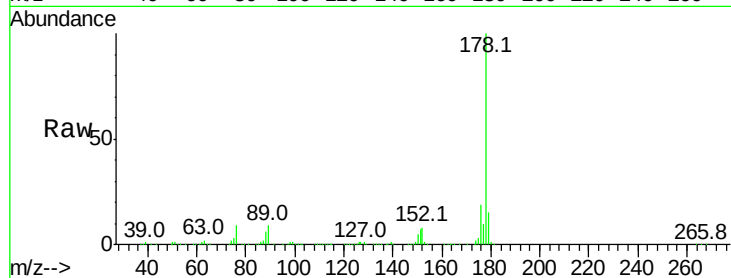
#71
 Anthracene
 Concen: 43.318 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	19.0

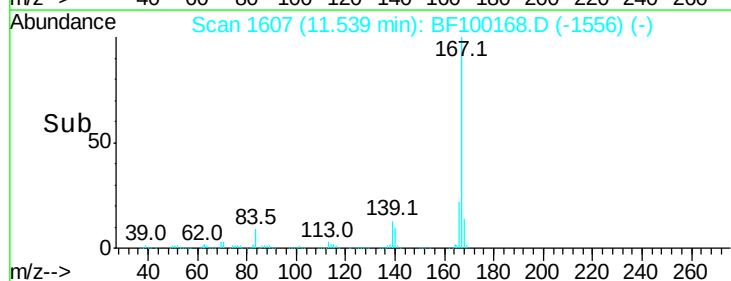
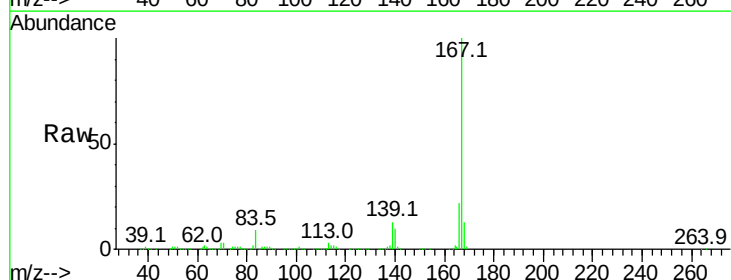
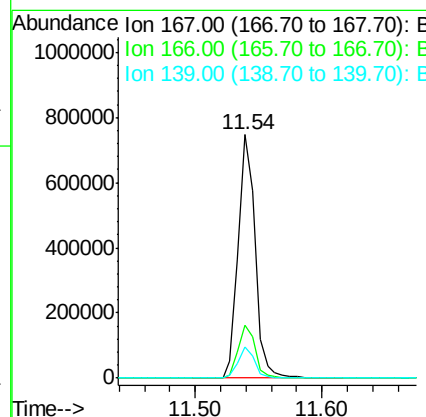
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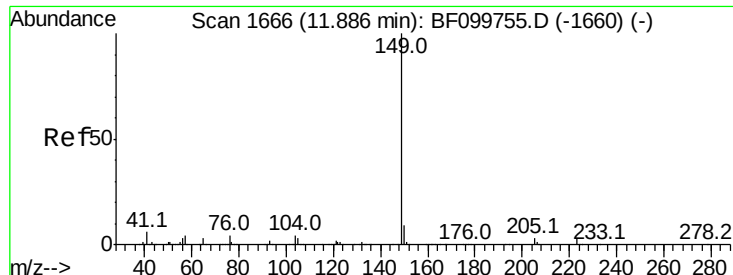
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#72
 Carbazole
 Concen: 41.208 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.669 ng

RT: 11.85 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

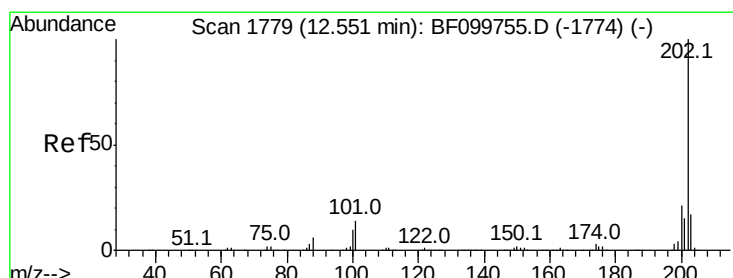
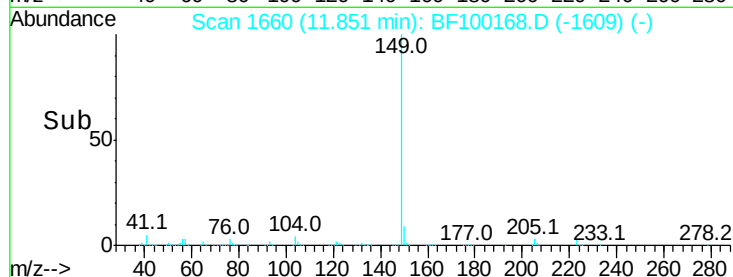
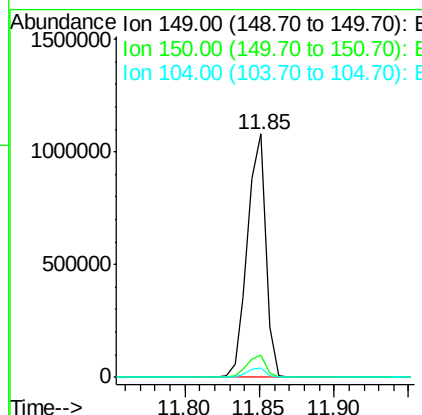
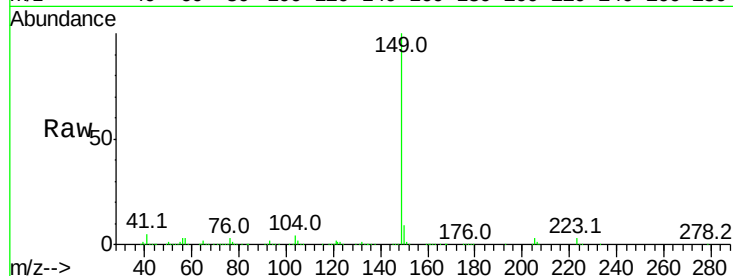
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	149	Resp:	922178
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.7	3.8	5.8#

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#74

Fluoranthene

Concen: 35.336 ng

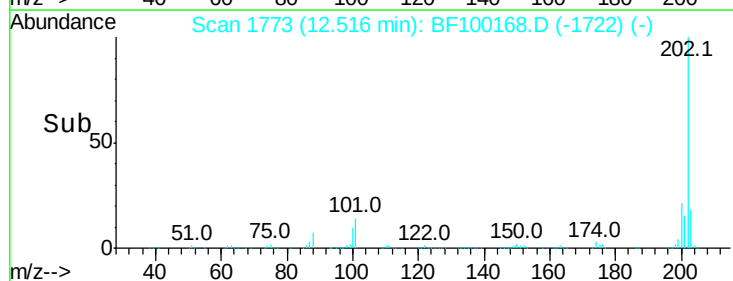
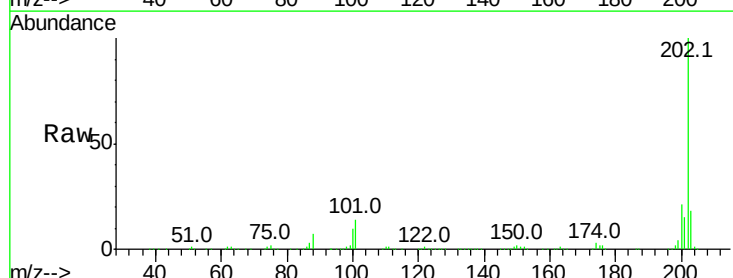
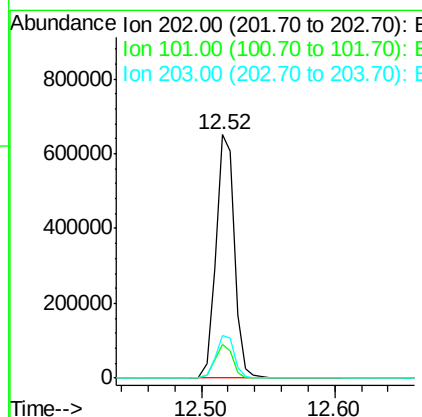
RT: 12.52 min Scan# 1773

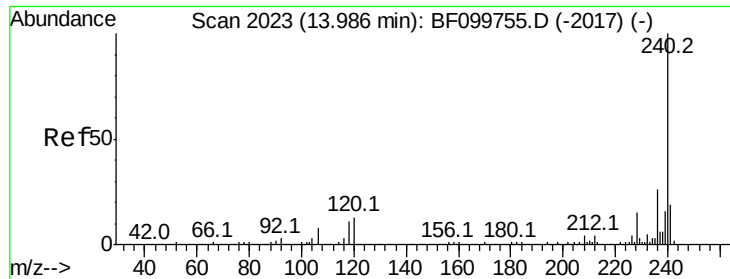
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	202	Resp:	636960
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

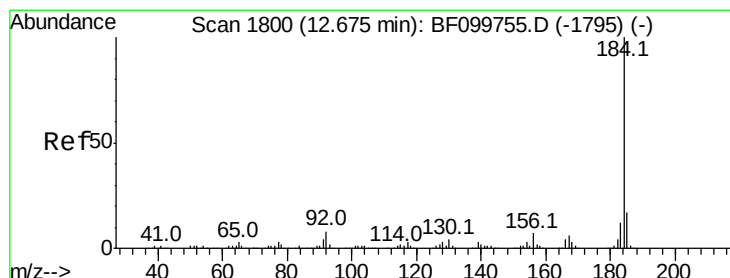
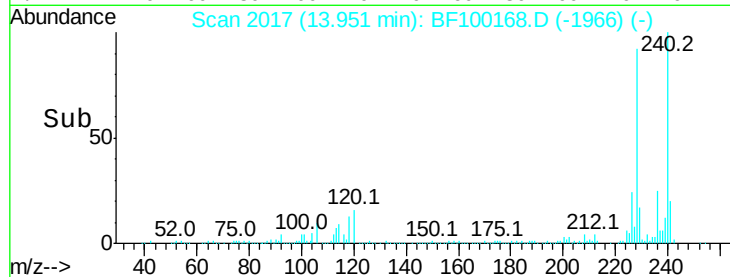
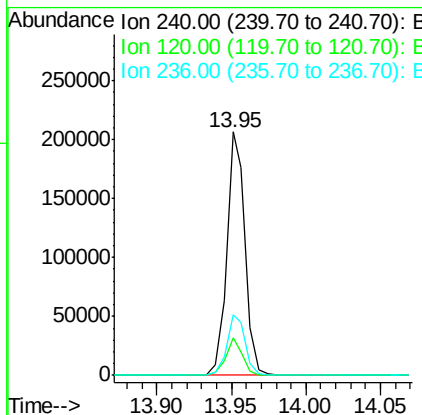
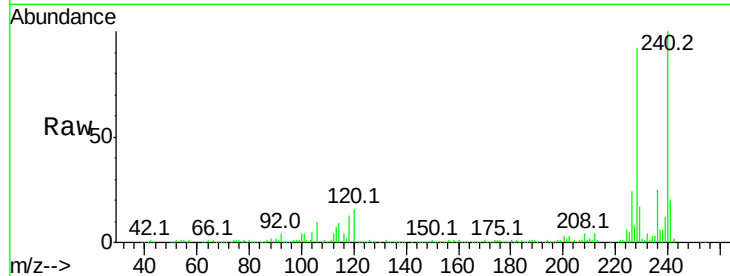
ClientSampleId :

RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	25.1	20.7	31.1

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#76

Benzidine

Concen: 4.943 ng

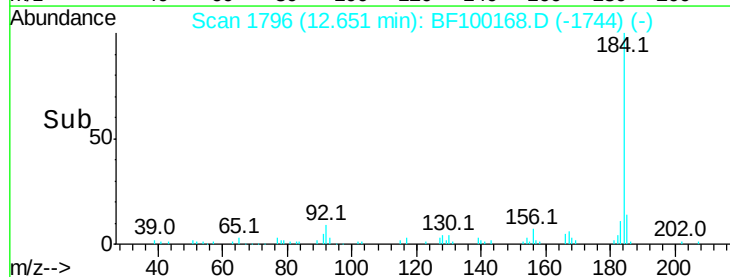
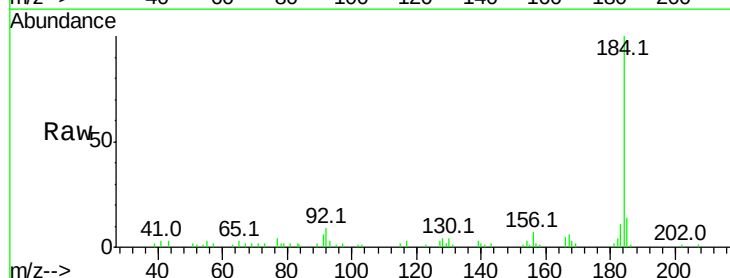
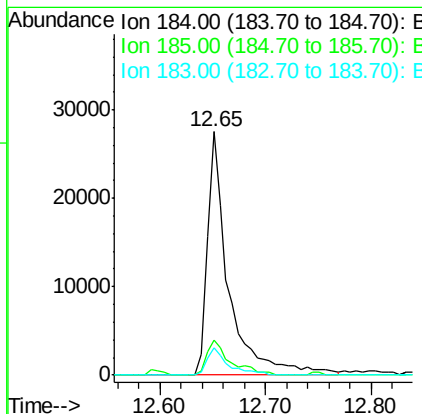
RT: 12.65 min Scan# 1796

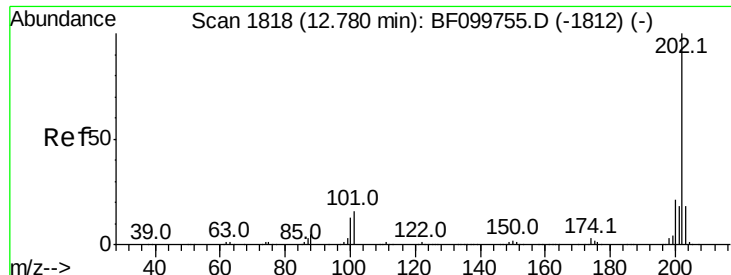
Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.3	9.3	13.9





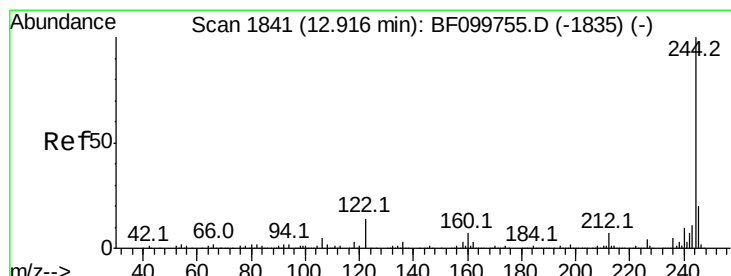
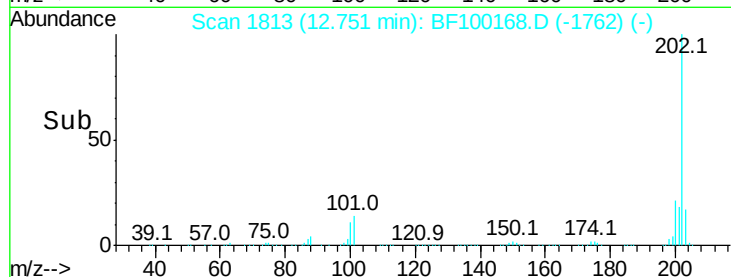
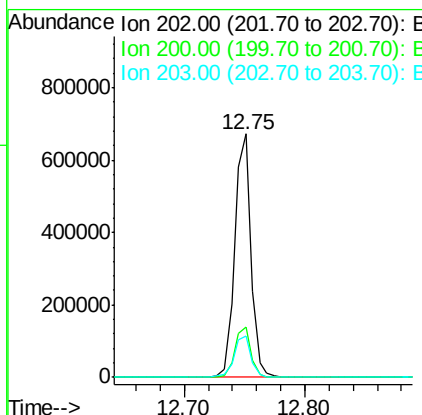
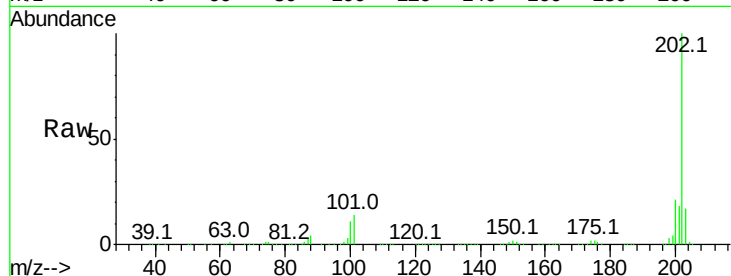
#77
Pvrene
Concen: 46.562 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5

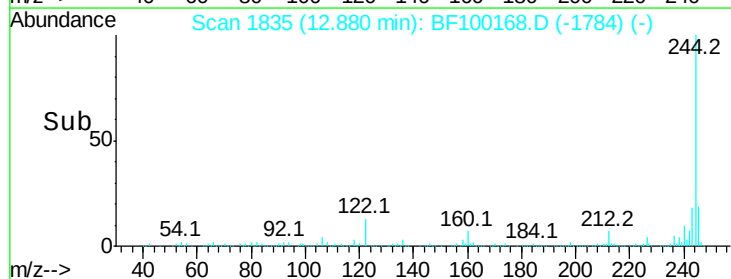
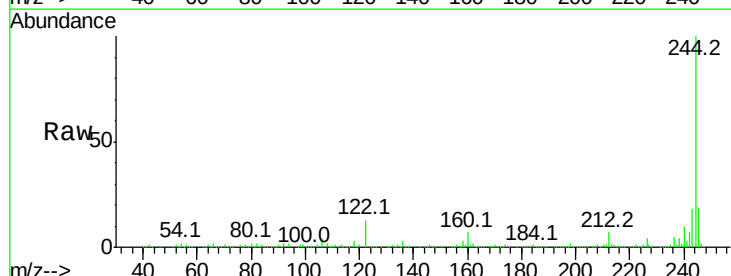
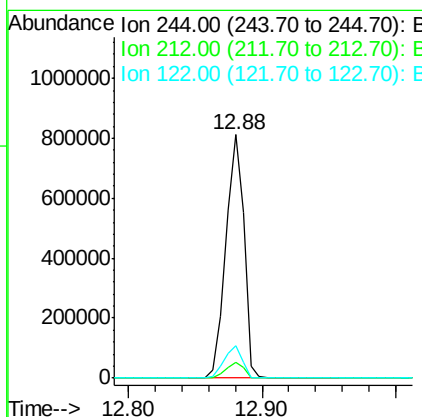
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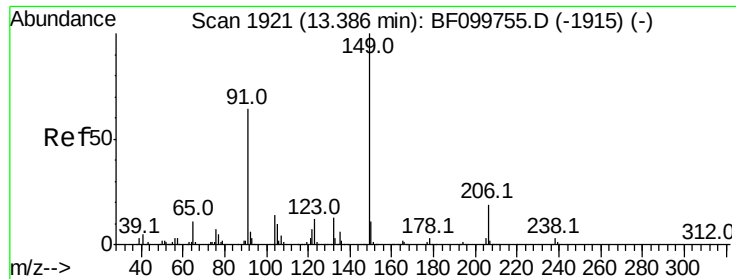
Sohil
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#78
Terphenyl-d14
Concen: 95.955 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4





#79

Butylbenzylphthalate

Concen: 44.536 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

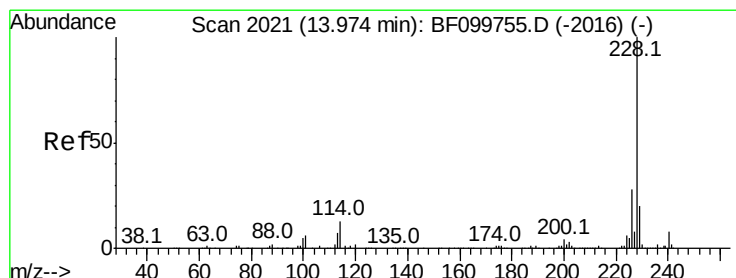
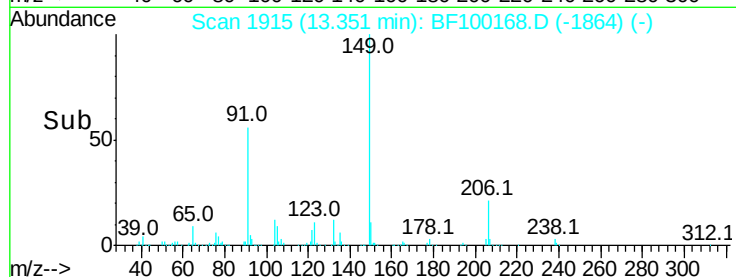
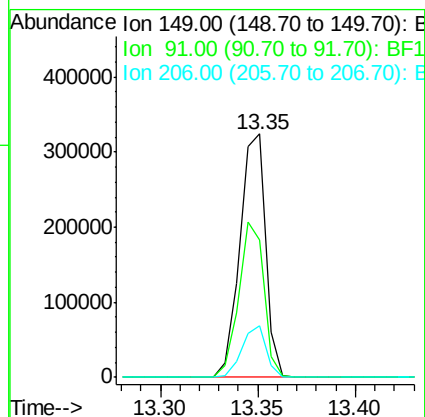
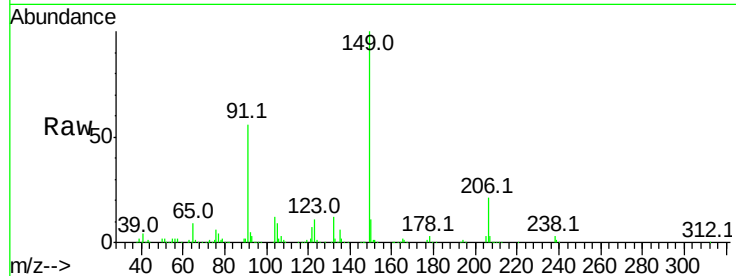
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	149	Resp:	297372
Ion Ratio	Lower	Upper	
149	100		
91	56.2	56.8	85.2#
206	21.1	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 44.140 ng

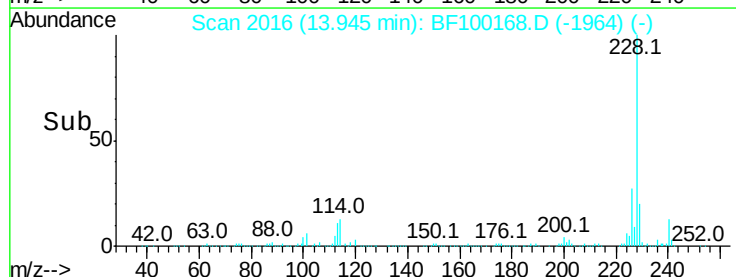
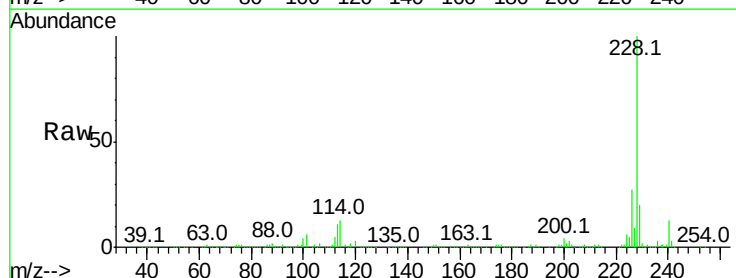
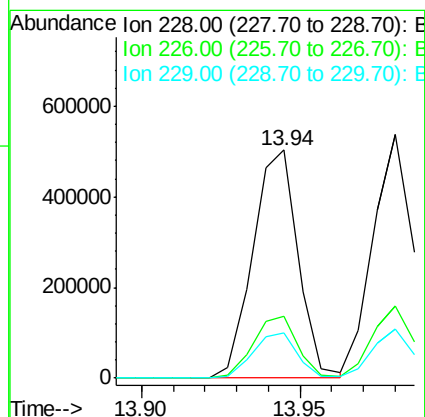
RT: 13.94 min Scan# 2016

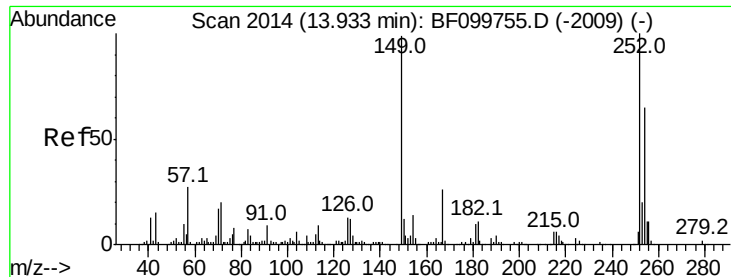
Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	228	Resp:	498986
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	33.8
229	19.8	15.8	23.6





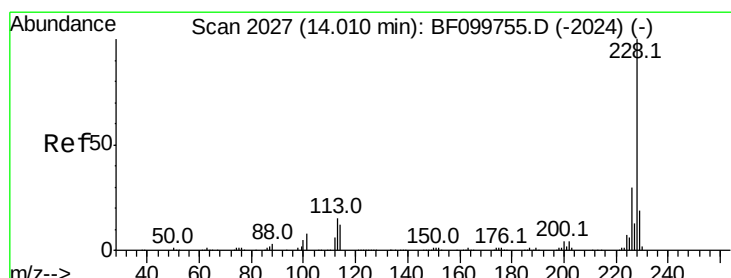
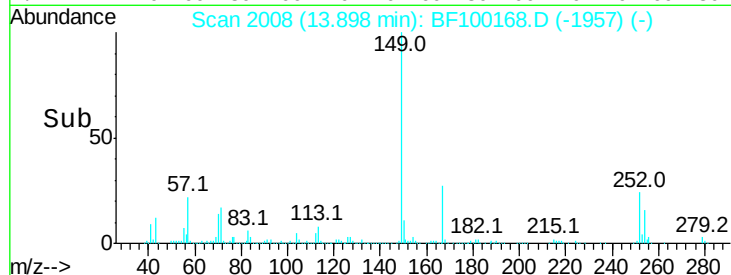
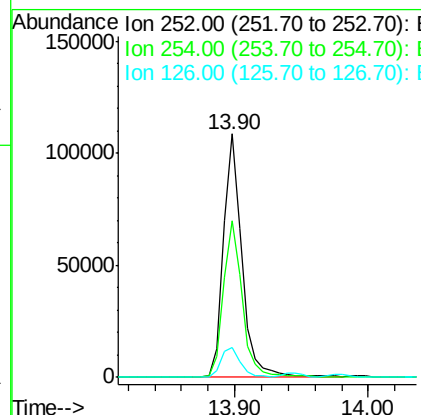
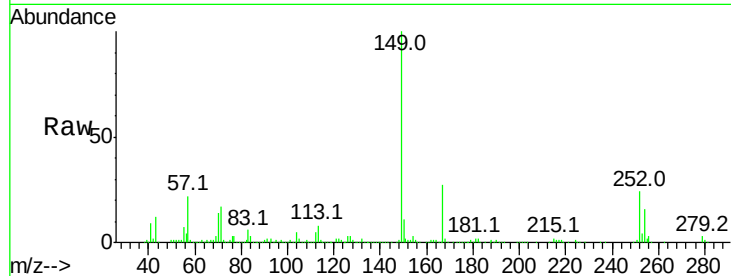
#81
 3,3'-Dichlorobenzidine
 Concen: 26.146 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.3	11.3	16.9

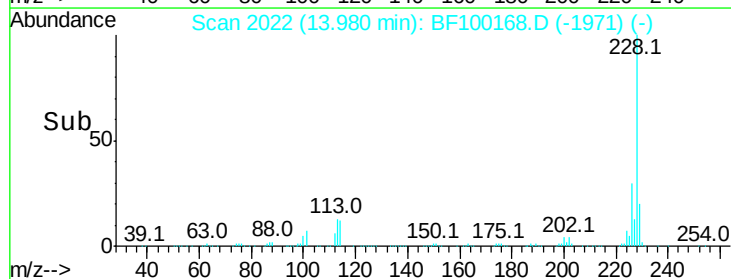
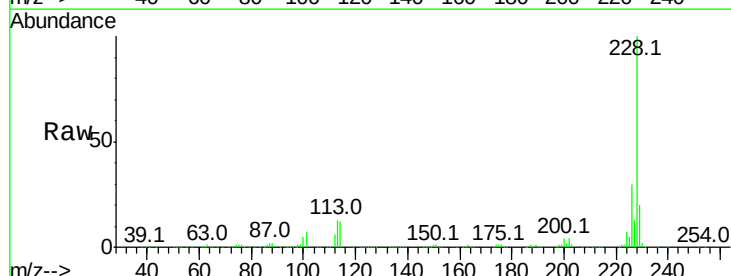
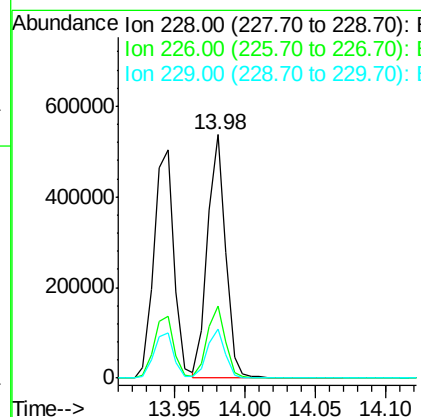
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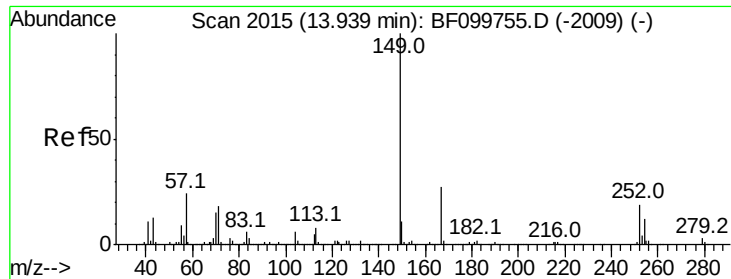
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#82
 Chrysene
 Concen: 45.118 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.456 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

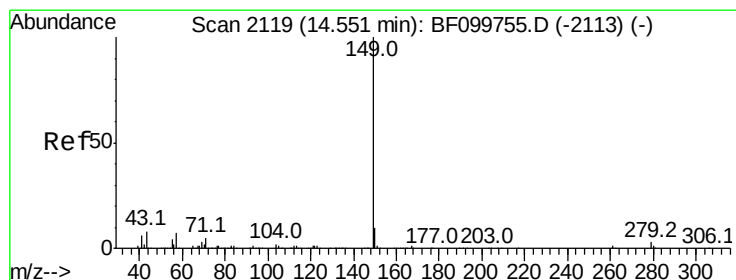
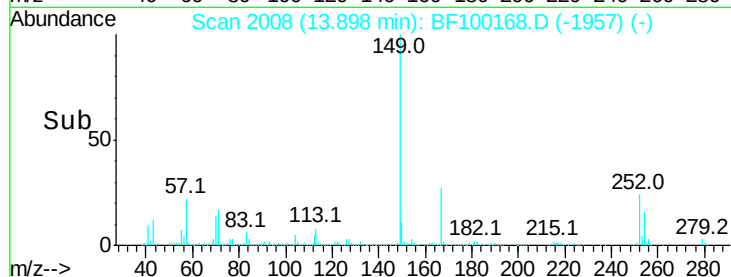
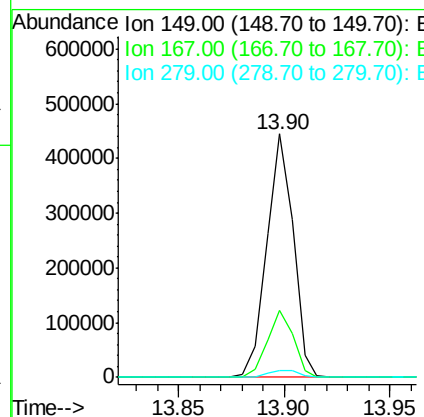
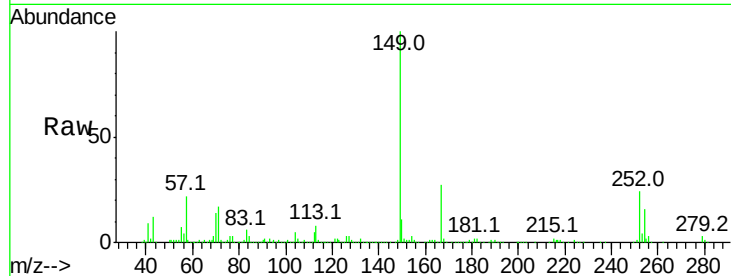
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	149	Resp:	388729
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	3.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 40.746 ng

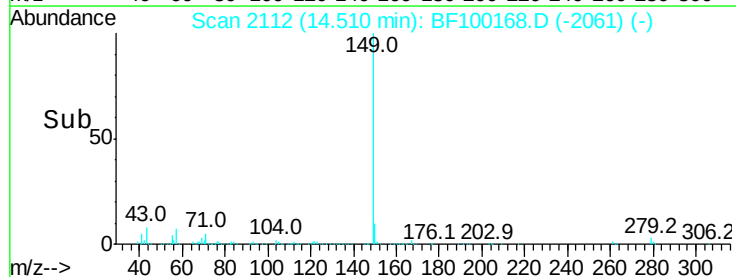
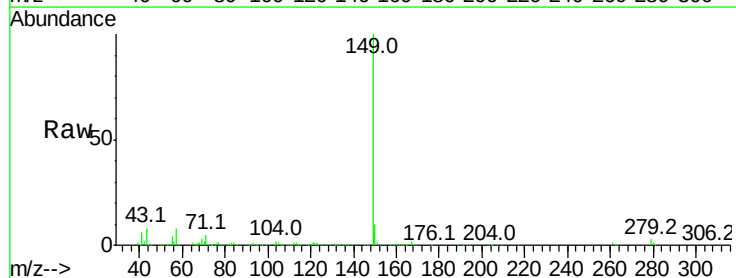
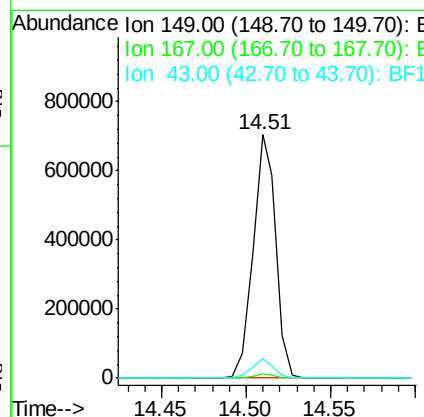
RT: 14.51 min Scan# 2112

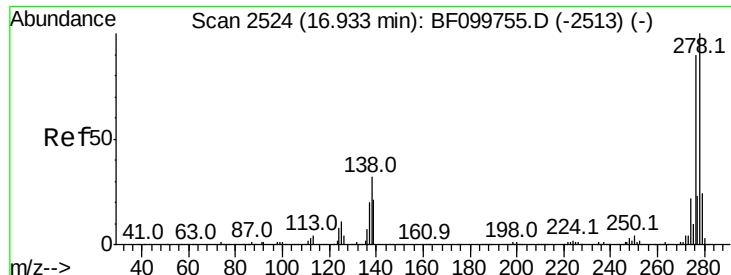
Delta R.T. 0.00 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	149	Resp:	655774
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	7.5	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.086 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

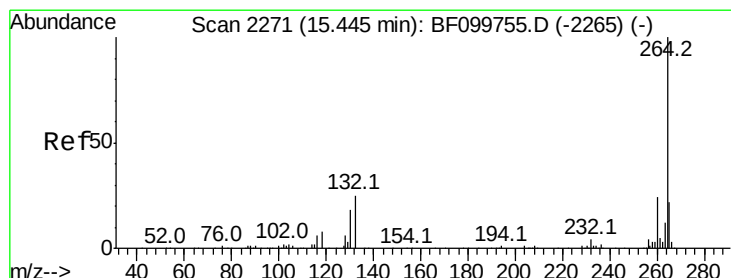
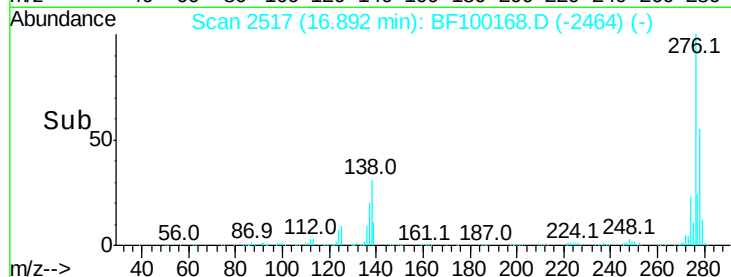
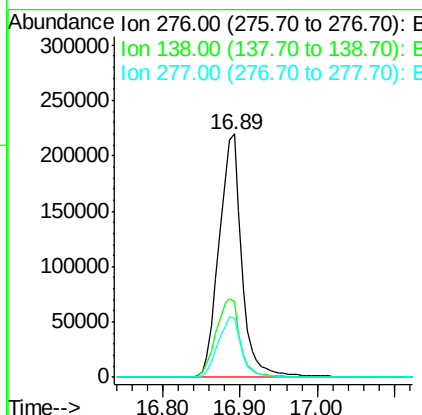
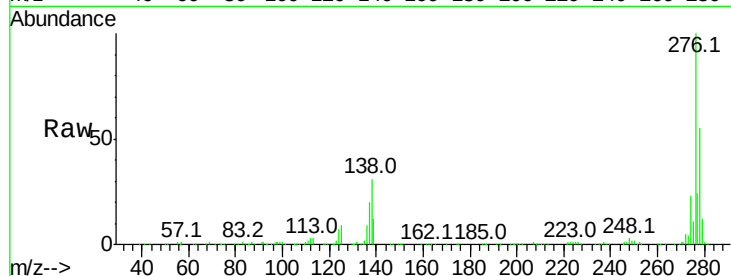
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	276	Resp:	449635
Ion Ratio	Lower	Upper	
276	100		
138	34.6	25.0	37.6
277	25.6	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

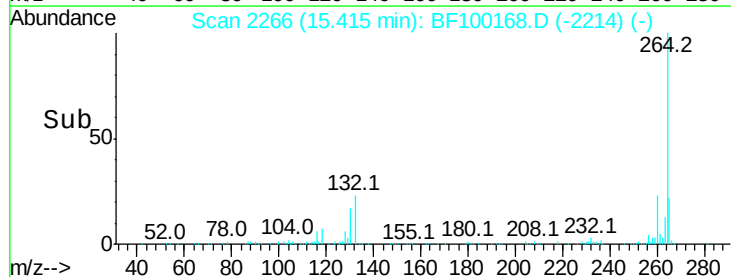
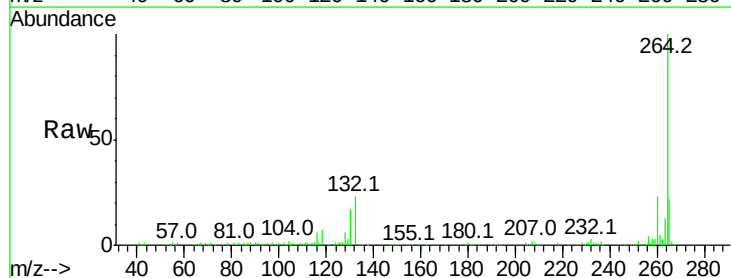
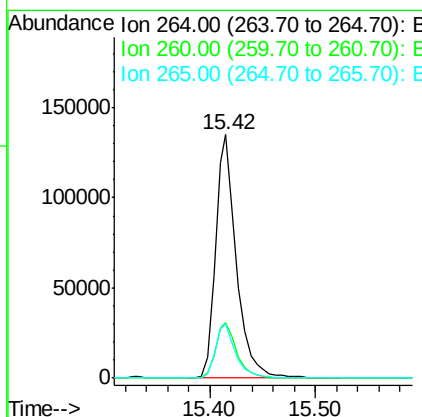
RT: 15.42 min Scan# 2266

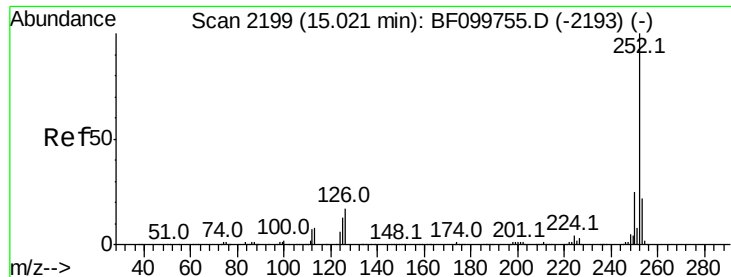
Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	264	Resp:	186221
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.179 ng

RT: 14.99 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Instrument :

BNA_F

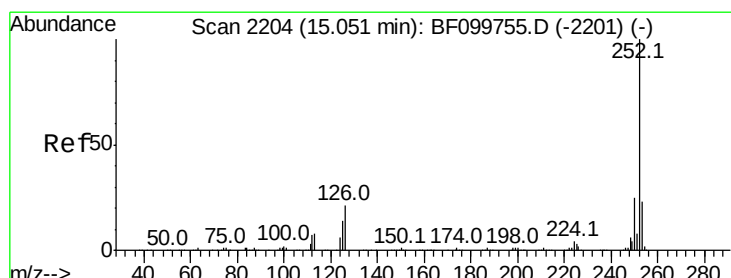
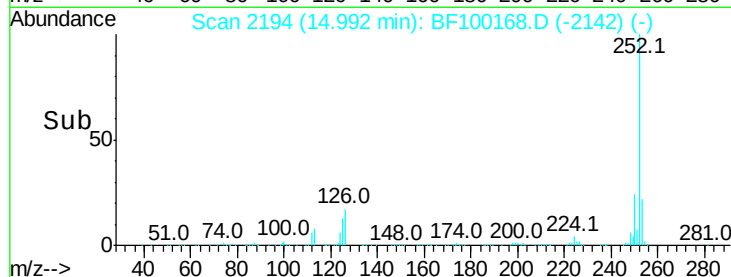
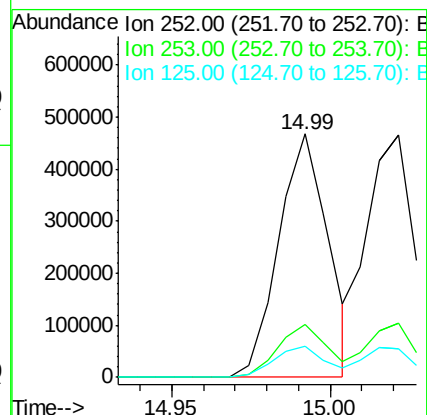
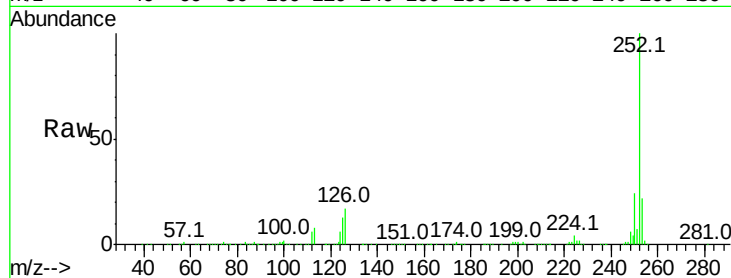
ClientSampleId :

RLF-GW-9SMSD

Tot Ion:	252	Resp:	507745
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.7	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 46.106 ng

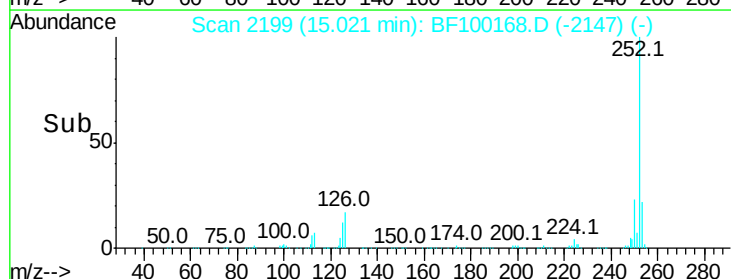
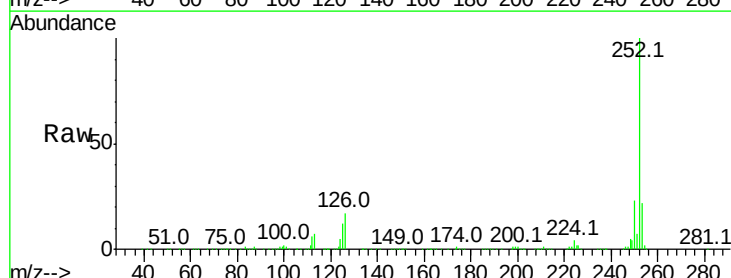
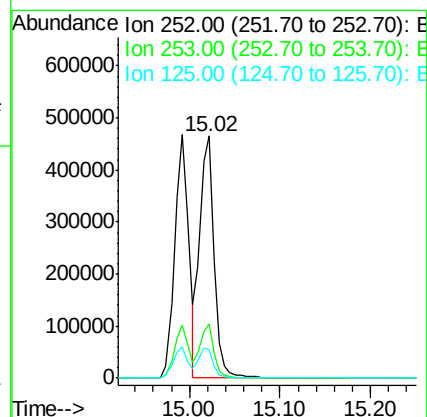
RT: 15.02 min Scan# 2199

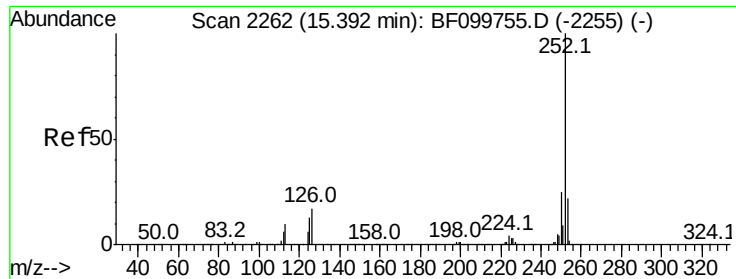
Delta R.T. 0.01 min

Lab File: BF100168.D

Acq: 4 Nov 2017 7:34

Tgt Ion:	252	Resp:	511235
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	11.9	10.2	15.2





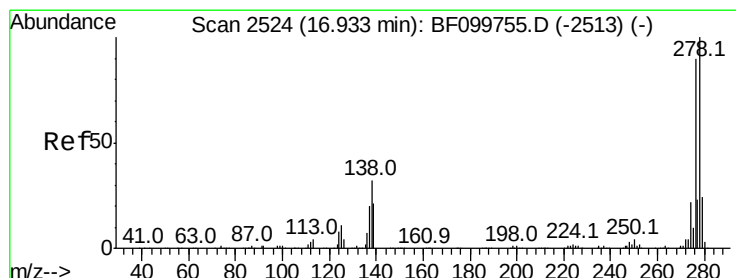
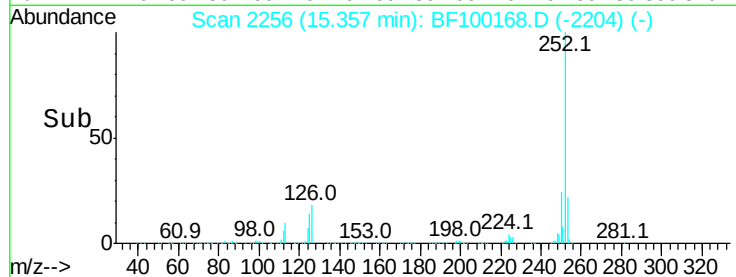
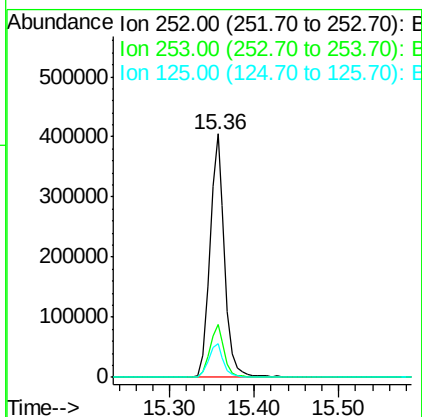
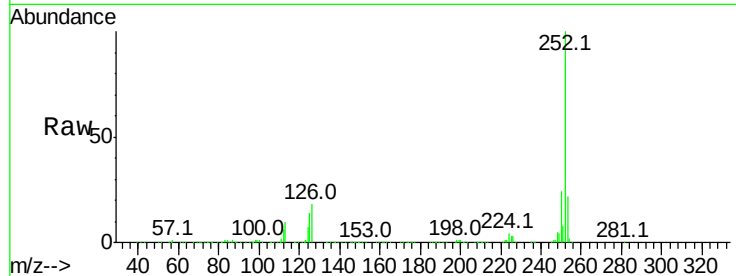
#89
Benzo(a)pyrene
Concen: 46.832 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.9	9.8	14.6

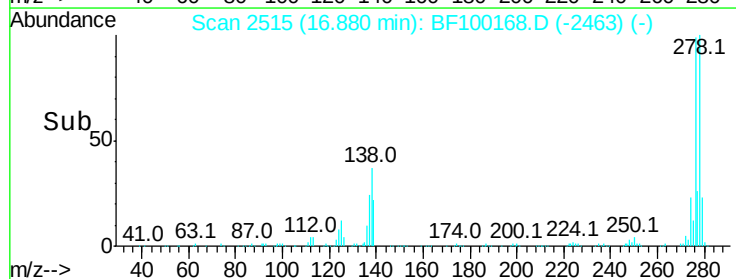
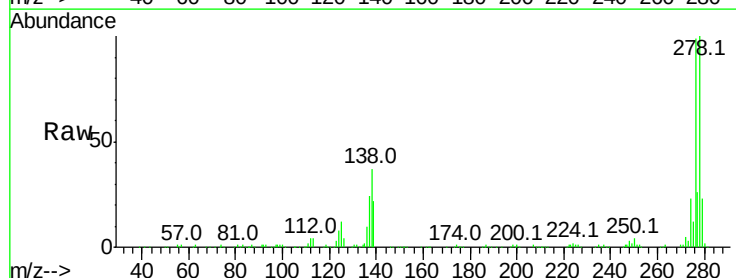
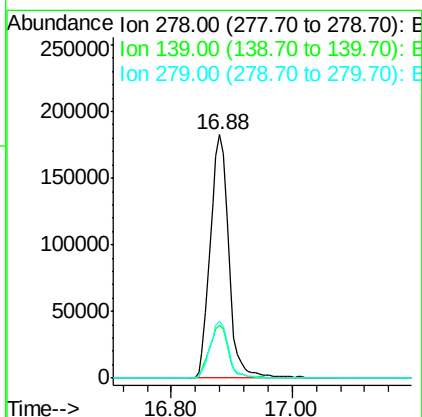
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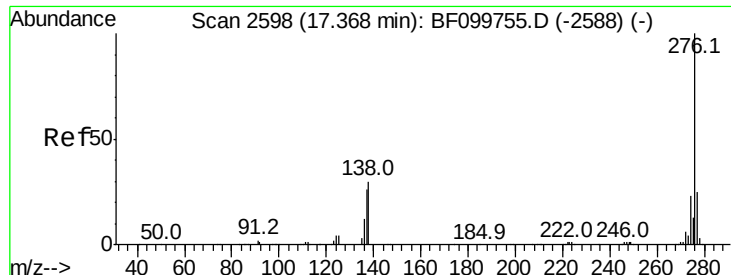
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#90
Dibenzo(a,h)anthracene
Concen: 41.445 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF100168.D
Acq: 4 Nov 2017 7:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.887 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.01 min
 Lab File: BF100168.D
 Acq: 4 Nov 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMSD

Tot Ion:	276	Resp:	366269
Ion Ratio		Lower	Upper
276	100		
277	24.2	17.9	26.9
138	31.1	21.8	32.8

Manual Integrations
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