

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102923.D
 Acq On : 12 Feb 2018 16:28
 Operator : SJ/JU
 Sample : J1516-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:25:56 AM

Quant Time: Feb 13 00:52:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	182251	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	741847	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298486	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	401532	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302535	20.00	ng	0.00
86) Perylene-d12	15.54	264	290969	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1539258	128.26	ng	0.02
7) Phenol-d6	6.53	99	1852047	128.17	ng	0.02
23) Nitrobenzene-d5	7.46	82	1201827	112.38	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	288007	119.88	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1718661	95.54	ng	0.00
78) Terphenyl-d14	13.00	244	1108013	86.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	245011	41.335	ng	87
3) Pyridine	3.51	79	712259	43.493	ng	93
4) n-Nitrosodimethylamine	3.46	42	382978	54.658	ng	93
6) Aniline	6.56	93	767456	35.965	ng	96
8) 2-Chlorophenol	6.68	128	571919	46.291	ng	99
9) Benzaldehyde	6.44	77	159892	14.900	ng	99
10) Phenol	6.54	94	757263	48.901	ng	89
11) bis(2-Chloroethyl)ether	6.63	93	594522	46.138	ng	93
12) 1,3-Dichlorobenzene	6.83	146	599776	41.921	ng	97
13) 1,4-Dichlorobenzene	6.90	146	601540	42.208	ng	99
14) 1,2-Dichlorobenzene	7.06	146	552731	41.639	ng	98
15) Benzyl Alcohol	7.03	79	528125	47.539	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1060099	43.308	ng	99
17) 2-Methylphenol	7.14	107	507262	44.511	ng	98
18) Hexachloroethane	7.40	117	205847	42.120	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	408065	42.832	ng	95
20) 3+4-Methylphenols	7.29	107	561610	39.962	ng	# 80
22) Acetophenone	7.30	105	771657	42.507	ng	# 89
24) Nitrobenzene	7.47	77	646153	51.378	ng	98
25) Isophorone	7.71	82	1218361	49.477	ng	97
26) 2-Nitrophenol	7.79	139	306105	57.204	ng	97
27) 2,4-Dimethylphenol	7.82	122	538824	51.793	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	743744	50.986	ng	100
29) 2,4-Dichlorophenol	8.03	162	462867	48.943	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	456656	42.683	ng	98
31) Naphthalene	8.19	128	1583018	43.675	ng	99
32) Benzoic acid	7.95	122	346660	47.407	ng	98
33) 4-Chloroaniline	8.24	127	444386	28.461	ng	97
34) Hexachlorobutadiene	8.30	225	230967	42.129	ng	99
35) Caprolactam	8.62	113	159003m	48.412	ng	
36) 4-Chloro-3-methylphenol	8.72	107	508284	47.834	ng	99
37) 2-Methylnaphthalene	8.89	142	1016089	42.819	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	387547	47.685	ng	99
40) Hexachlorocyclopentadiene	9.03	237	74900	19.386	ng	99

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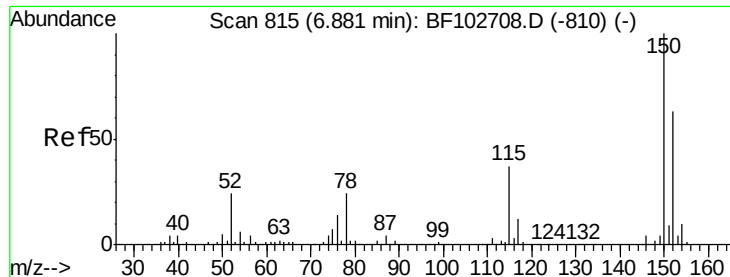
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 2/13/2018 11:25:56 AM

Quant Time: Feb 13 00:52:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	278556	52.182	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	287318	47.754	ng	97
45) 1,1'-Biphenyl	9.35	154	1147888	45.659	ng	98
46) 2-Chloronaphthalene	9.37	162	899998	45.472	ng	99
47) 2-Nitroaniline	9.47	65	353978	57.238	ng	83
48) Acenaphthylene	9.79	152	1302264	42.362	ng	99
49) Dimethylphthalate	9.65	163	1232102	52.940	ng	99
50) 2,6-Dinitrotoluene	9.71	165	228856	51.686	ng	# 84
51) Acenaphthene	9.96	154	771181	41.948	ng	99
52) 3-Nitroaniline	9.88	138	216879	39.807	ng	97
53) 2,4-Dinitrophenol	9.99	184	40833	42.391	ng	# 19
54) Dibenzofuran	10.13	168	1119059	43.193	ng	96
55) 4-Nitrophenol	10.05	139	348289	77.902	ng	93
56) 2,4-Dinitrotoluene	10.12	165	276500	46.653	ng	# 91
57) Fluorene	10.48	166	800995	42.493	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	193067	46.298	ng	97
59) Diethylphthalate	10.35	149	1021601	44.455	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	383378	45.975	ng	96
61) 4-Nitroaniline	10.50	138	223550	43.107	ng	94
62) Azobenzene	10.63	77	1011380	44.054	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	33654	26.398	ng	85
65) n-Nitrosodiphenylamine	10.59	169	746271	52.691	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	219308	51.633	ng	96
67) Hexachlorobenzene	11.03	284	211414	45.119	ng	92
68) Atrazine	11.11	200	211519	50.623	ng	97
69) Pentachlorophenol	11.22	266	202267	73.535	ng	99
70) Phenanthrene	11.44	178	977314	43.703	ng	99
71) Anthracene	11.49	178	1017716	44.745	ng	100
72) Carbazole	11.64	167	942504	42.297	ng	99
73) Di-n-butylphthalate	11.97	149	1336566	49.378	ng	100
74) Fluoranthene	12.63	202	907000	40.312	ng	97
76) Benzidine	12.75	184	740869	53.282	ng	98
77) Pyrene	12.86	202	936054	39.457	ng	99
79) Butylbenzylphthalate	13.47	149	500775	44.212	ng	95
80) Benzo(a)anthracene	14.05	228	879775	46.239	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	344765	48.871	ng	97
82) Chrysene	14.09	228	824545	42.990	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	704068	48.447	ng	97
84) Di-n-octyl phthalate	14.64	149	1287204	58.989	ng	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	716012	45.011	ng	98
87) Benzo(b)fluoranthene	15.11	252	871422	46.194	ng	99
88) Benzo(k)fluoranthene	15.14	252	822761	45.646	ng	99
89) Benzo(a)pyrene	15.49	252	787271	46.363	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	613114	44.485	ng	98
91) Benzo(g,h,i)perylene	17.52	276	572766	42.458	ng	99

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



#1

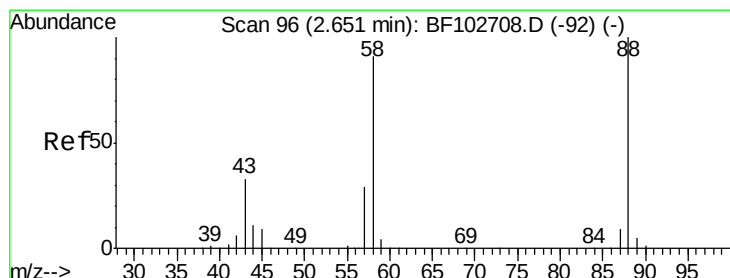
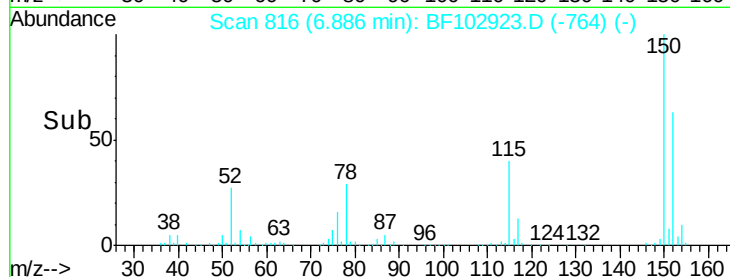
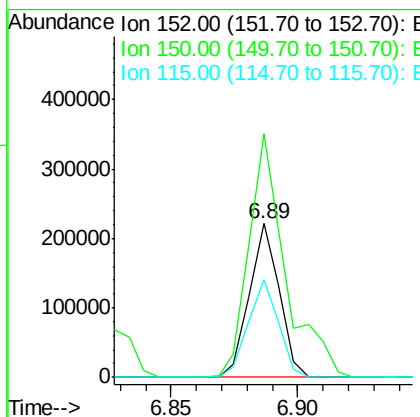
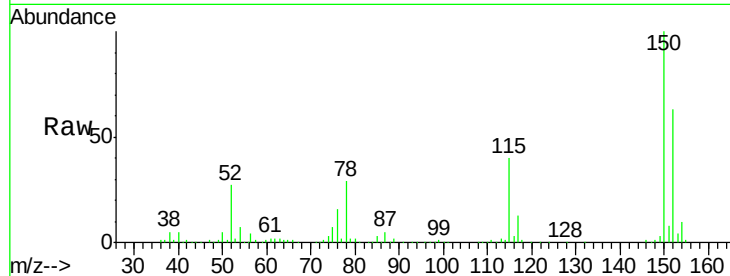
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.8	50.1	75.1

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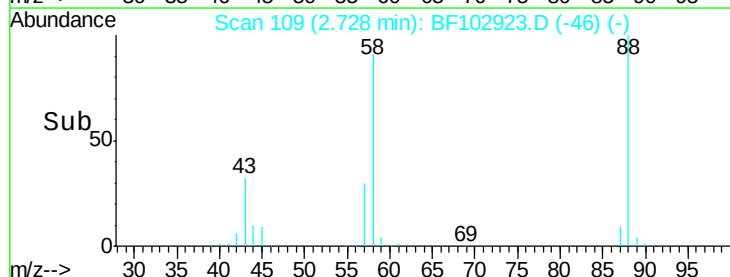
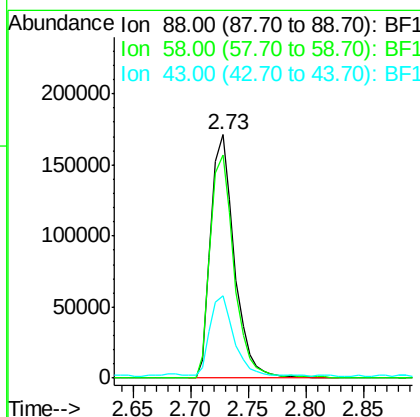
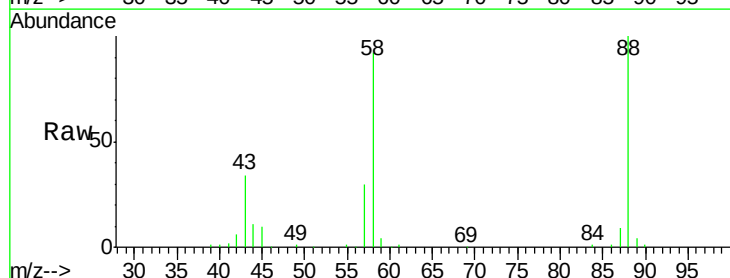
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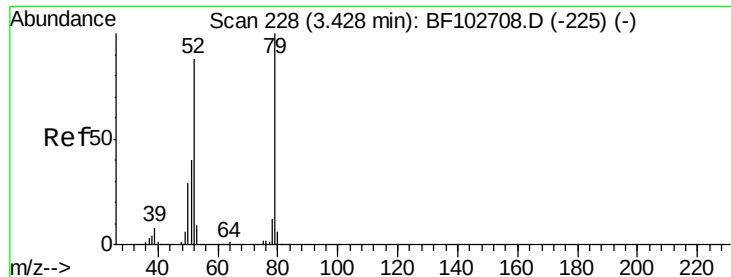


#2

1,4-Dioxane
Concen: 41.335 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.07 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	62.6	93.8
43	33.1	24.6	37.0





#3

Pvridine

Concen: 43.493 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

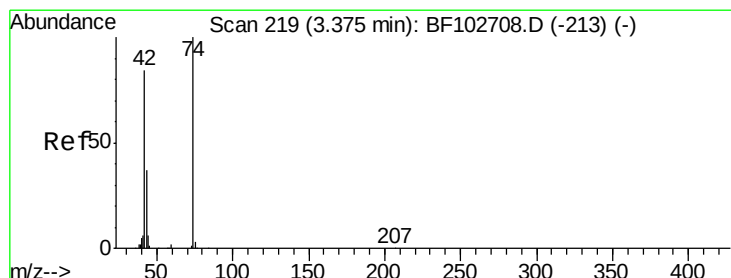
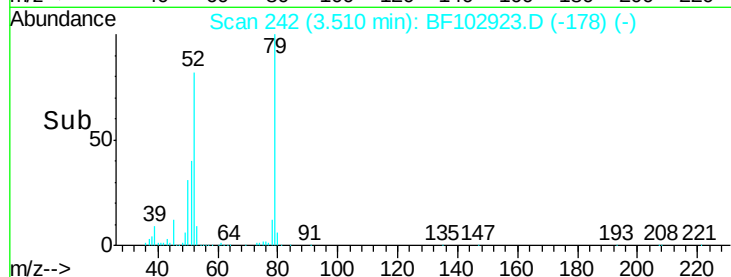
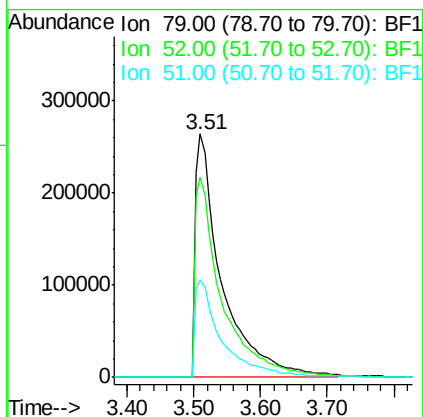
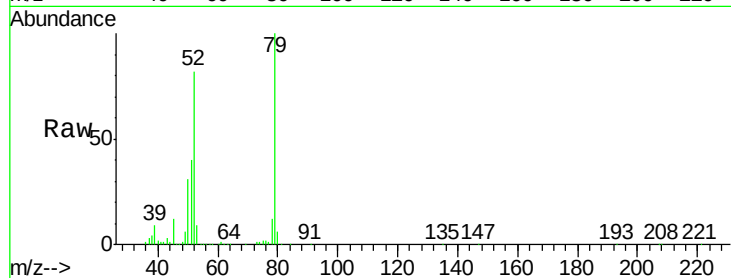
ClientSampleId :

WAVE-1MSD

Tot Ion:	79	Resp:	712259
Ion Ratio	Lower	Upper	
79	100		
52	82.0	59.8	89.6
51	40.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 54.658 ng

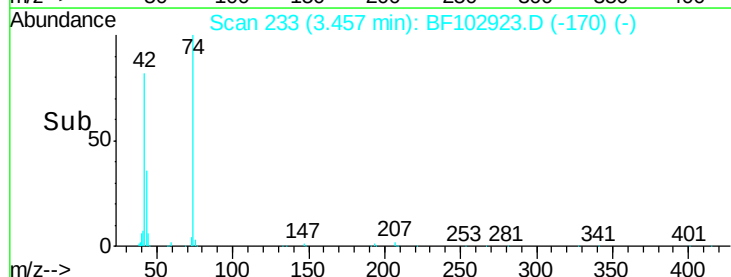
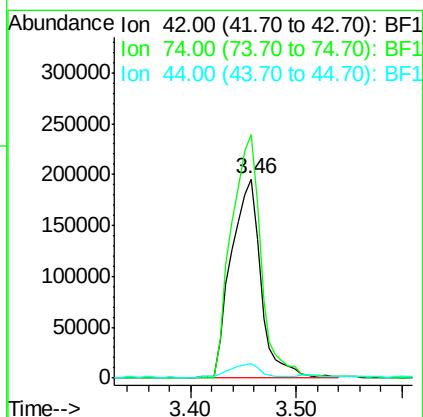
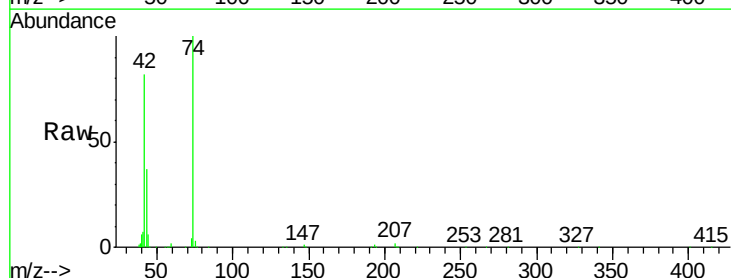
RT: 3.46 min Scan# 233

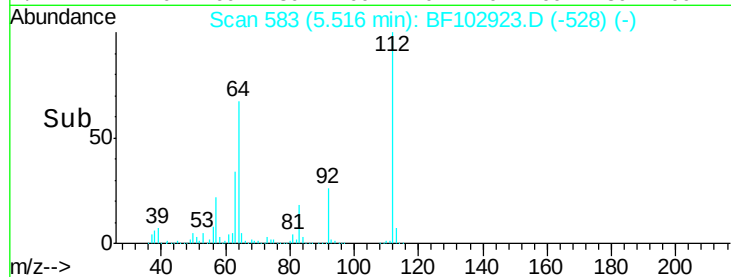
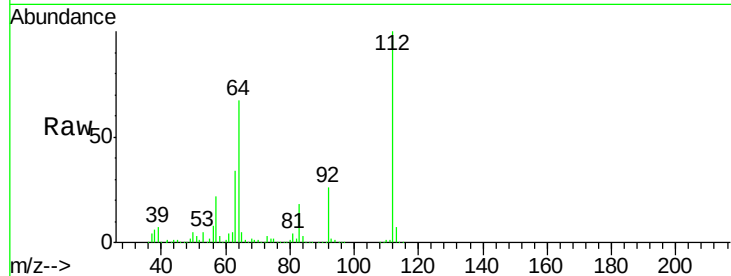
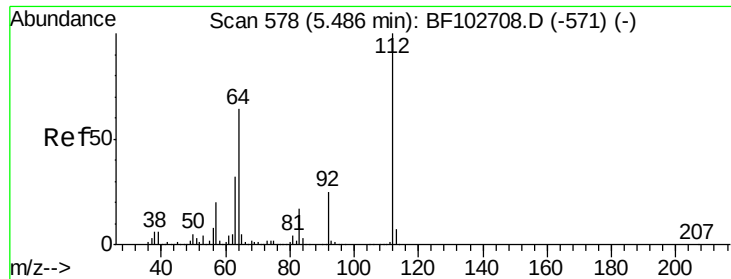
Delta R.T. 0.07 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	42	Resp:	382978
Ion Ratio	Lower	Upper	
42	100		
74	122.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 128.264 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tot Ion:	112	Resp:	1539258
Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.2	23.7	35.5

Instrument :

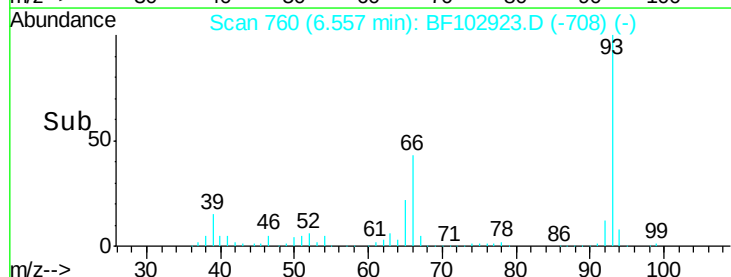
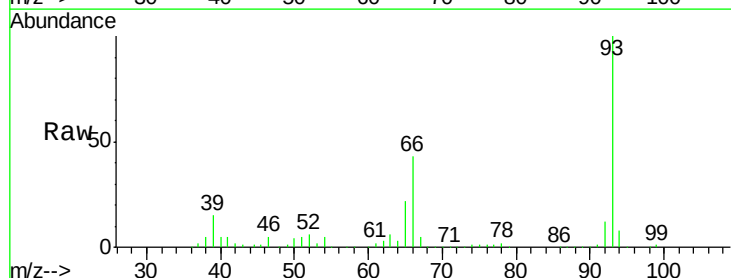
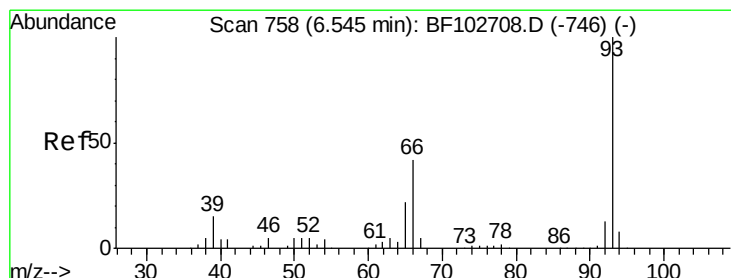
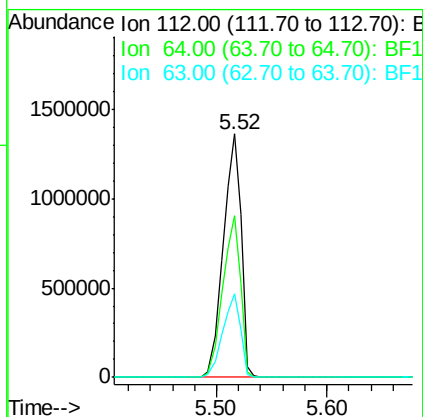
BNA_F

ClientSampleId :

WAVE-1MSD

Manual Integrations
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#6

Aniline

Concen: 35.965 ng

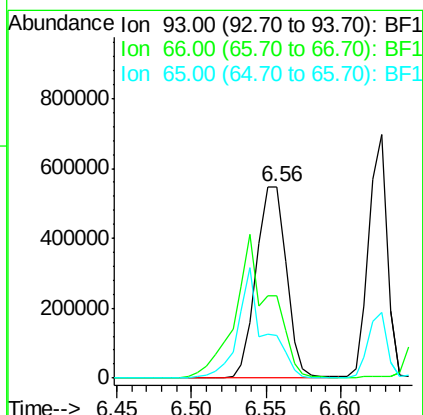
RT: 6.56 min Scan# 760

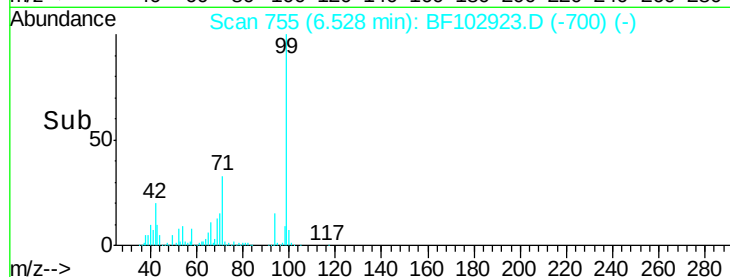
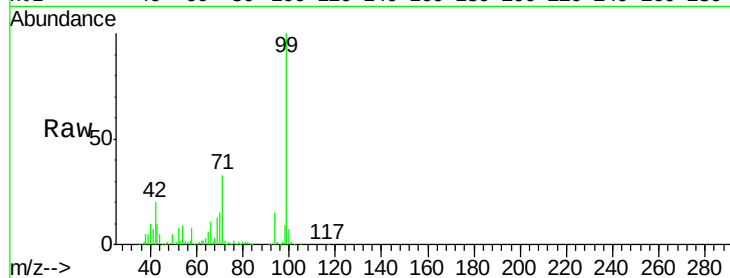
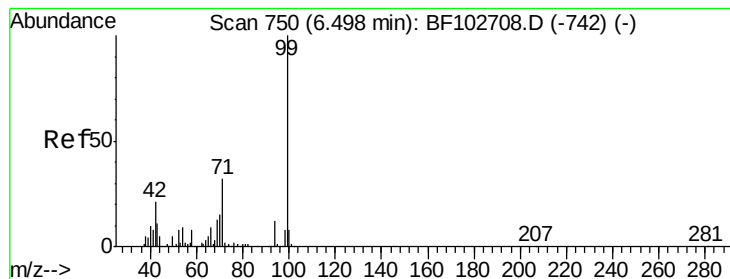
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	93	Resp:	767456
Ion	Ratio	Lower	Upper
93	100		
66	43.1	32.2	48.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 128.172 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tot Ion:	99	Resp:	1852047
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.2	25.4	38.0

Instrument :

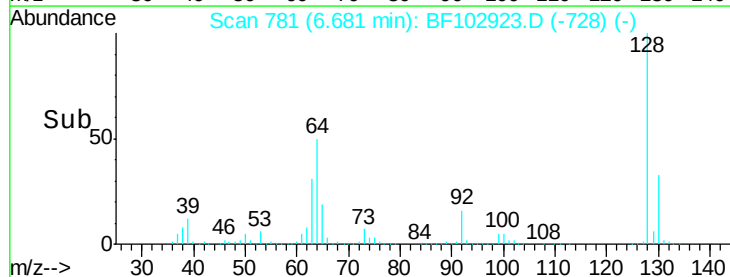
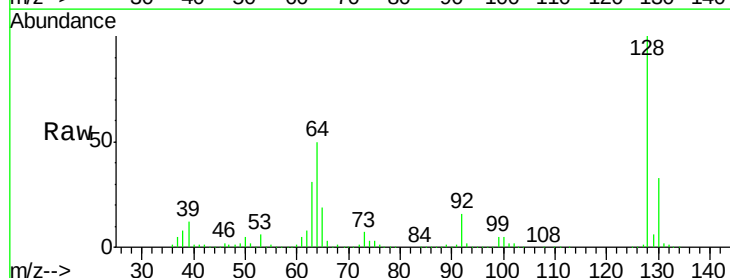
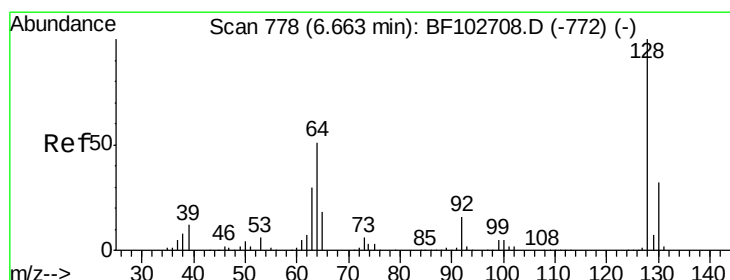
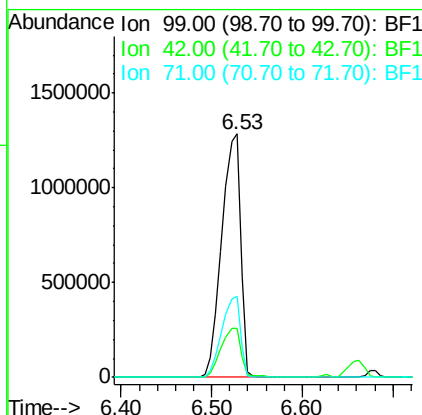
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 46.291 ng

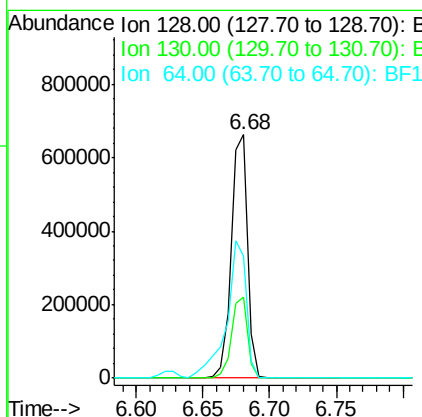
RT: 6.68 min Scan# 781

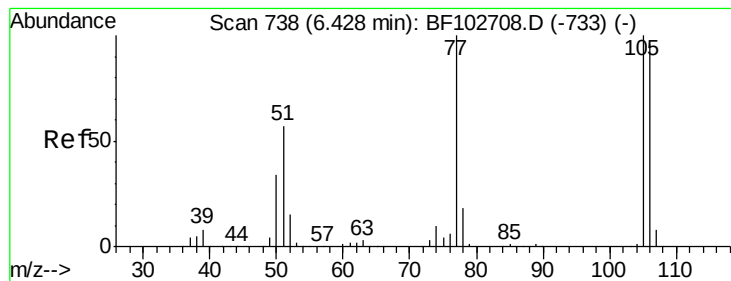
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	128	Resp:	571919
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	50.0	29.4	69.4





#9

Benzaldehyde

Concen: 14.900 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

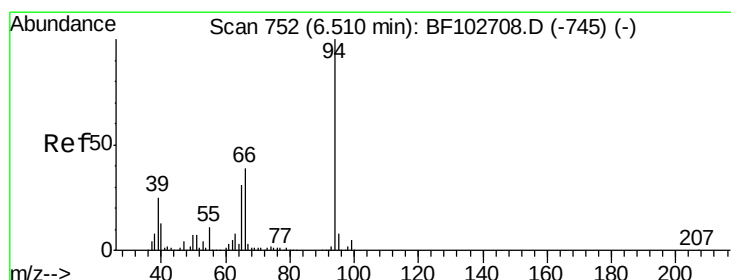
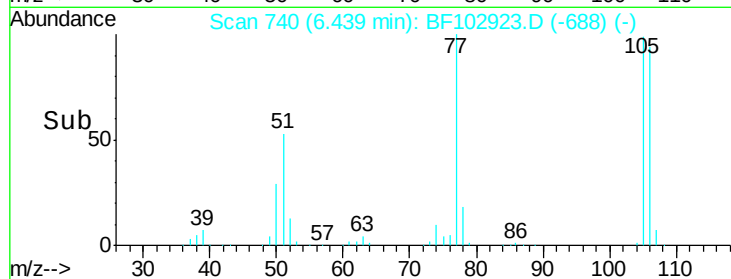
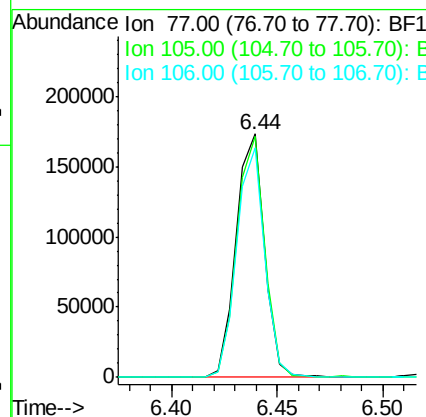
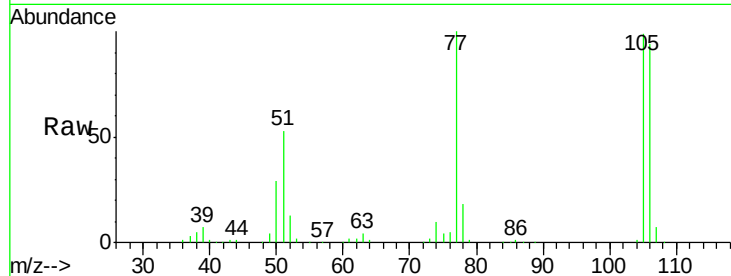
ClientSampleId :

WAVE-1MSD

Tot Ion:	77	Resp:	159892
Ion	Ratio	Lower	Upper
77	100		
105	98.8	81.1	121.1
106	94.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 48.901 ng

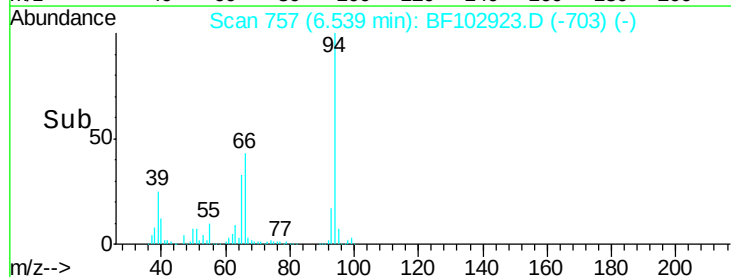
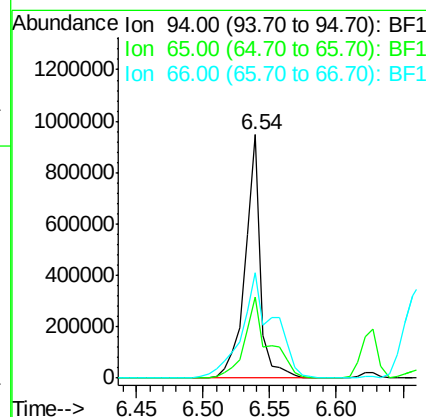
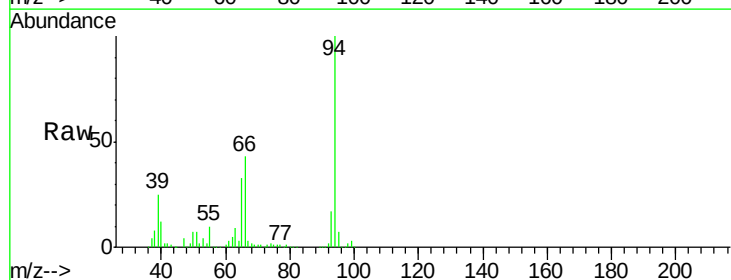
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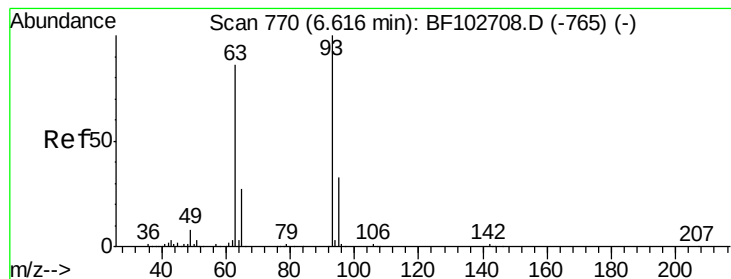
Delta R.T. 0.02 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	94	Resp:	757263
Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	43.3	16.2	56.2





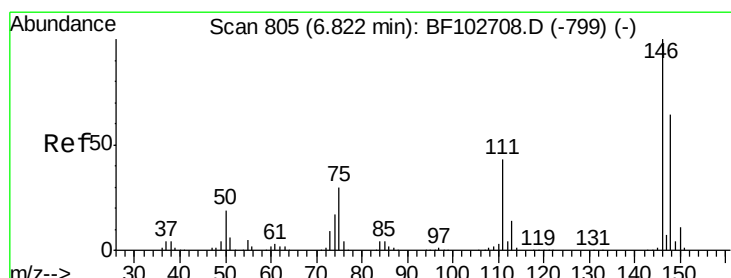
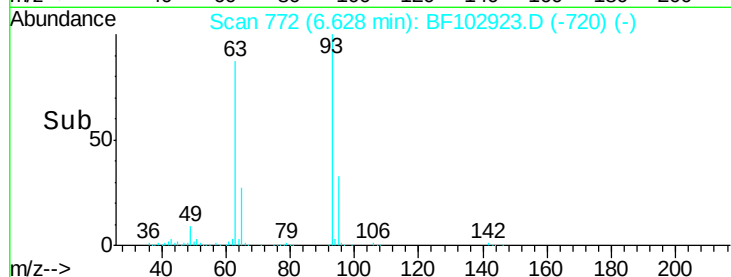
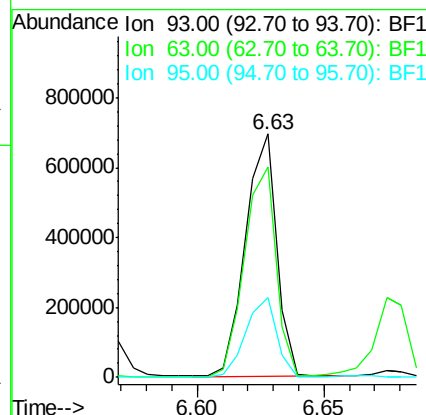
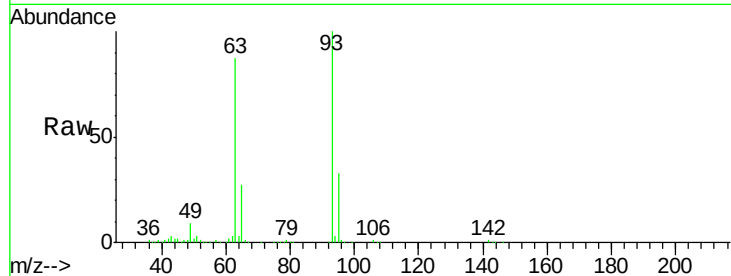
#11
bis(2-Chloroethyl)ether
Concen: 46.138 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	86.6	58.6	98.6
95	32.6	11.8	51.8

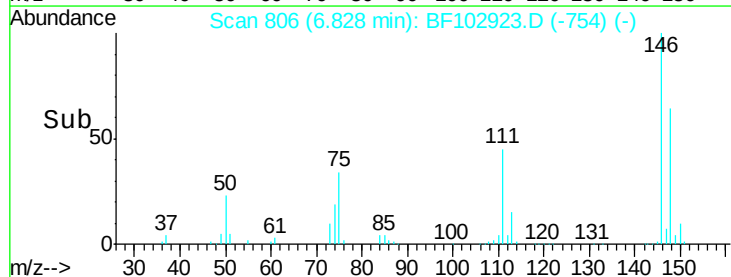
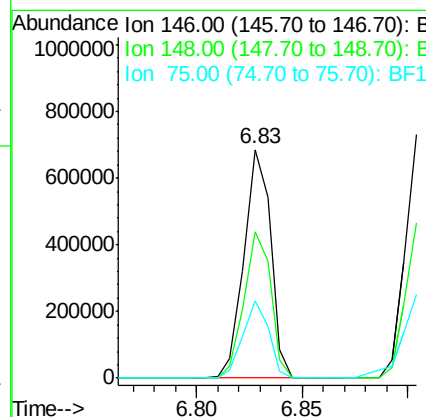
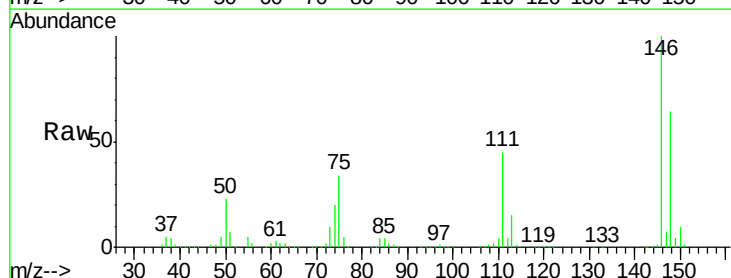
Manual Integrations
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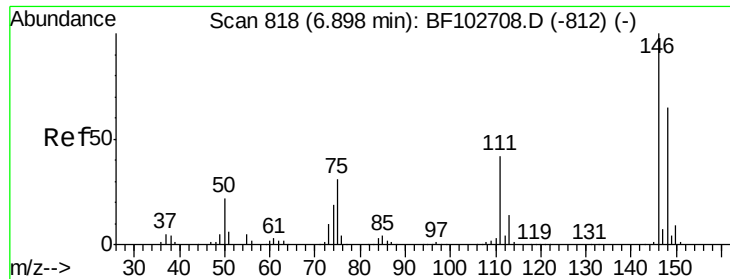
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.921 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	51.8	77.8
75	34.0	24.2	36.4





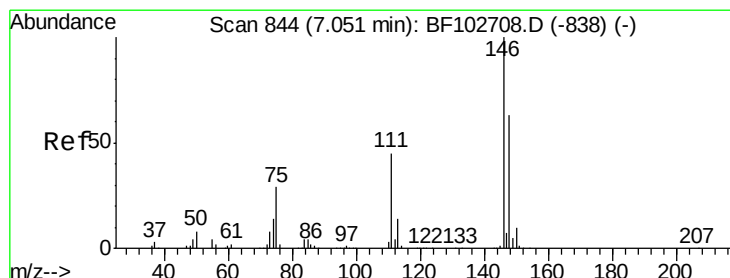
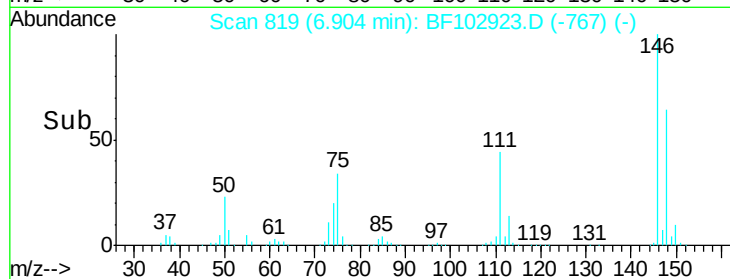
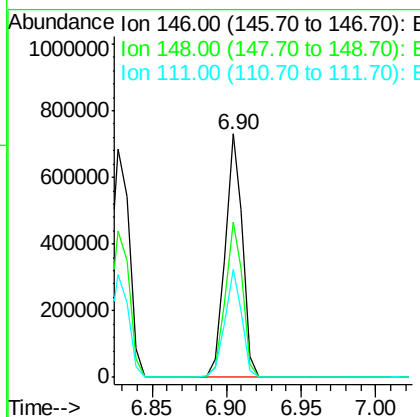
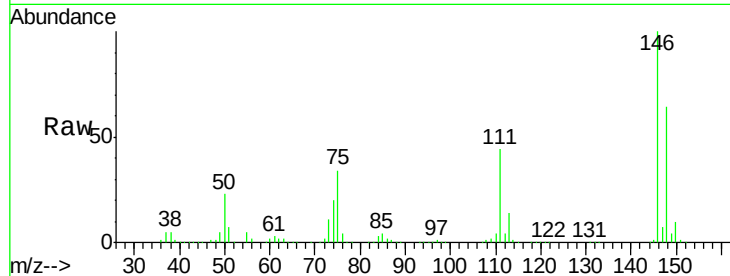
#13
 1,4-Dichlorobenzene
 Concen: 42.208 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	44.4	34.2	51.2

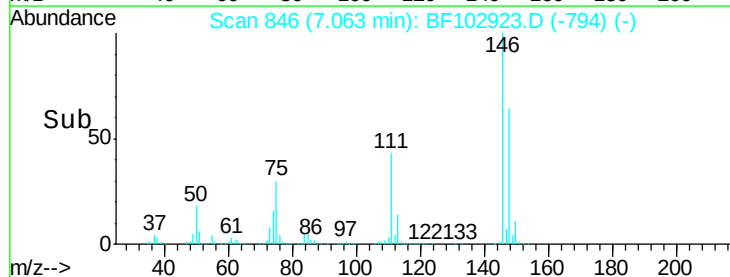
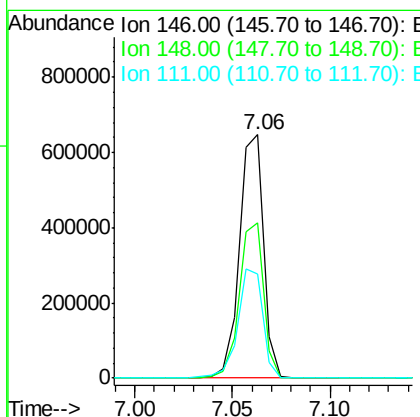
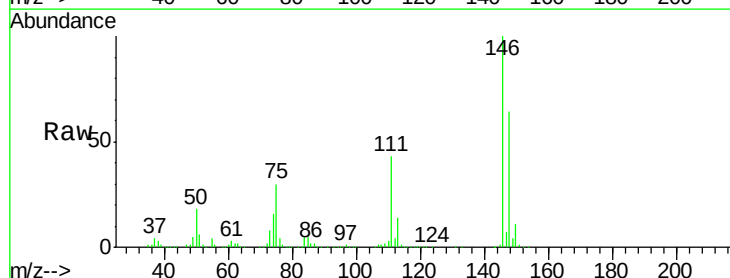
Manual Integrations
 APPROVED

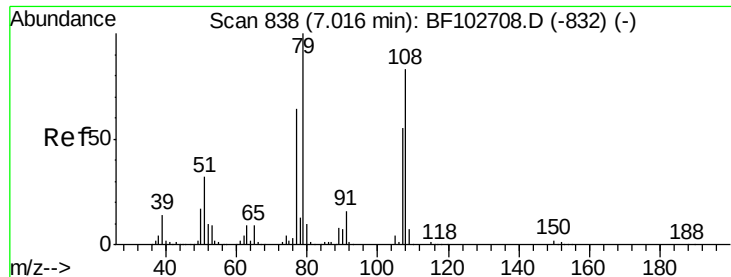
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.639 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	42.9	36.0	54.0





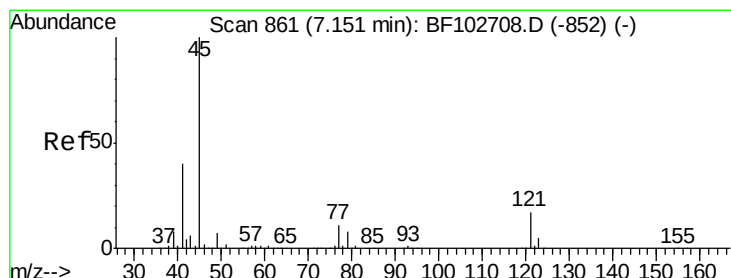
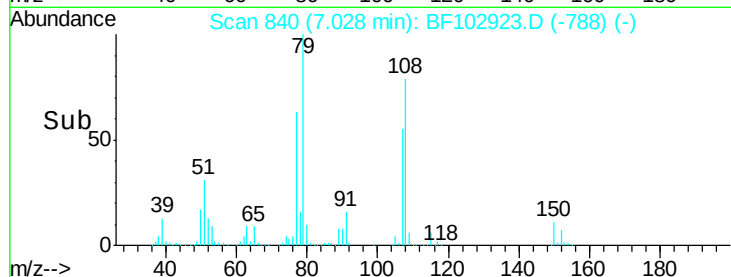
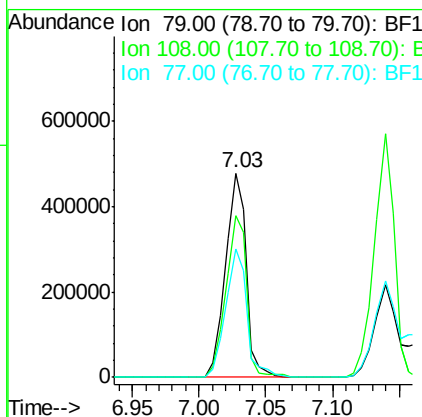
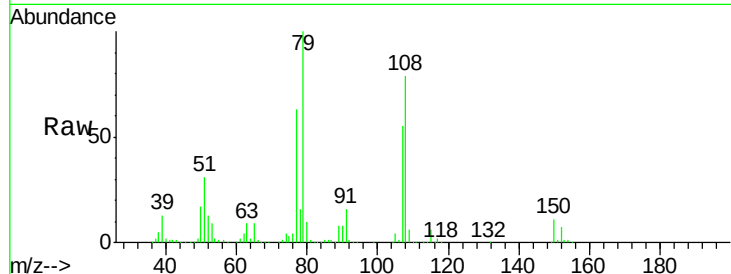
#15
Benzyl Alcohol
Concen: 47.539 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	65.1	97.7
77	63.2	50.6	75.8

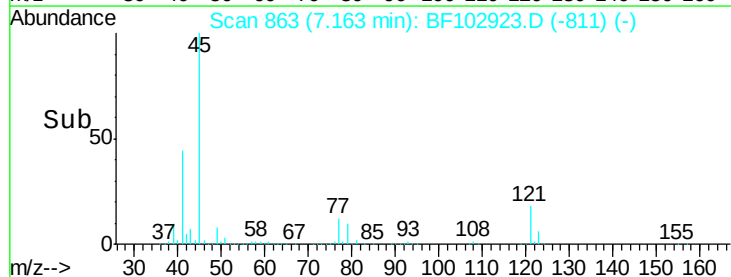
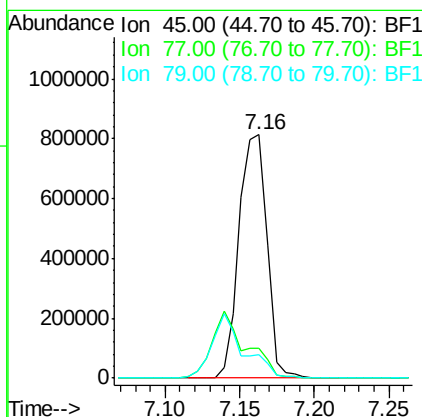
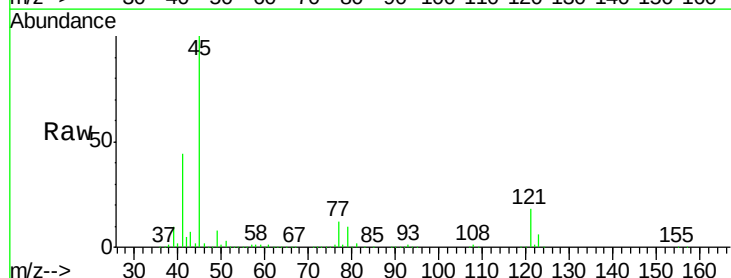
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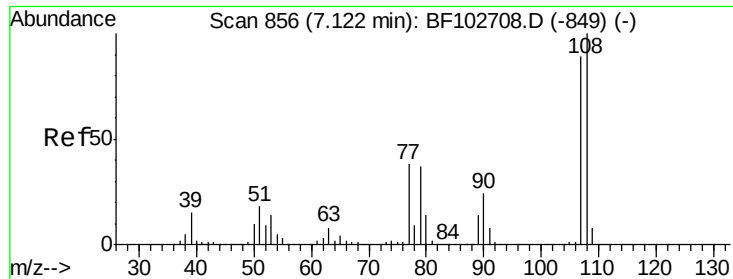
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.308 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.9
79	9.5	0.0	29.6





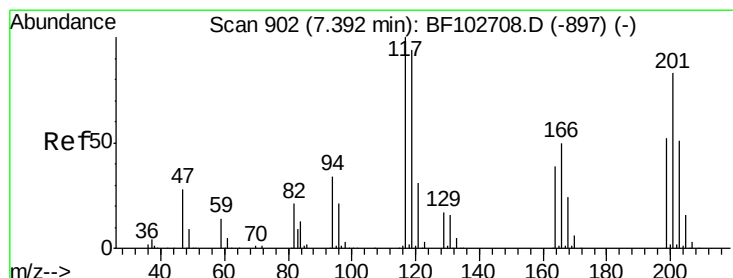
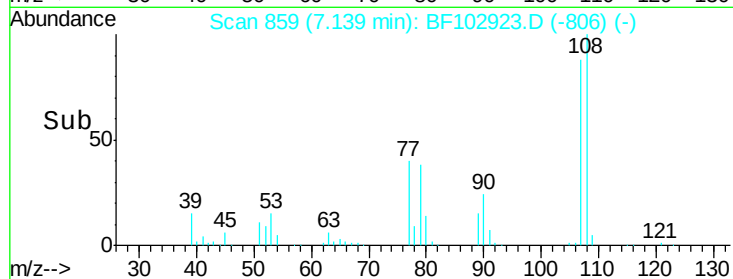
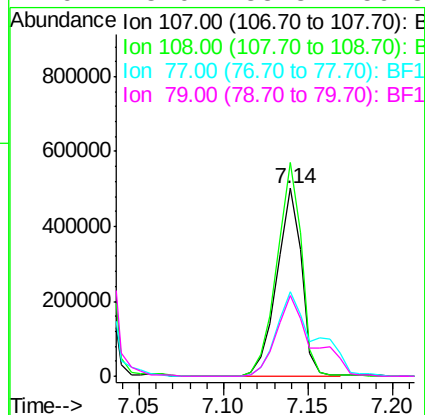
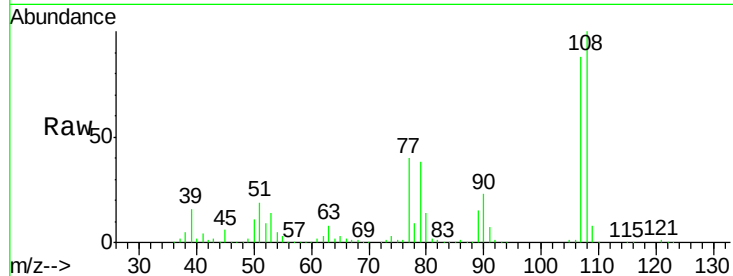
#17
2-Methylphenol
Concen: 44.511 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion:	107	Resp:	507262
Ion Ratio	Lower	Upper	
107	100		
108	113.7	91.7	137.5
77	45.0	33.8	50.8
79	43.0	33.8	50.8

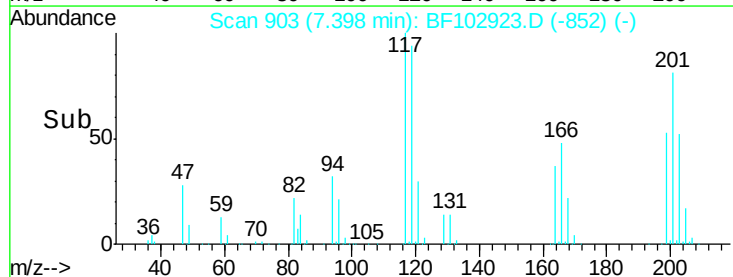
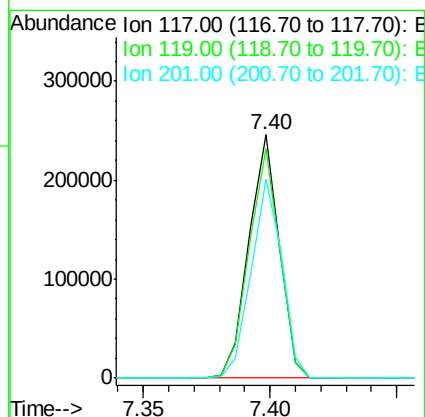
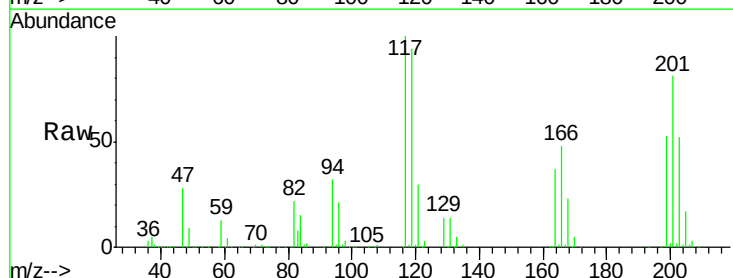
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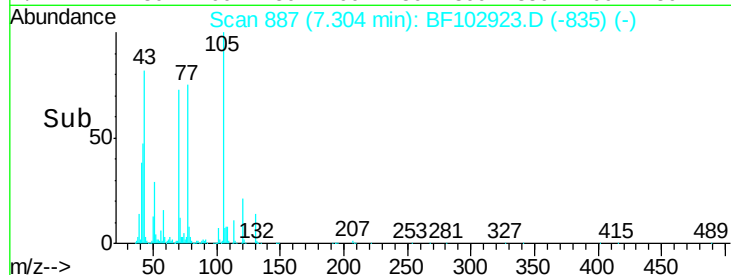
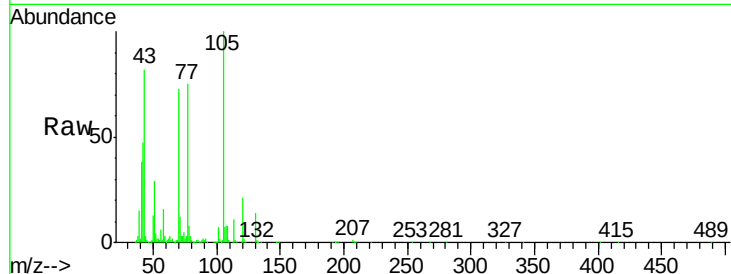
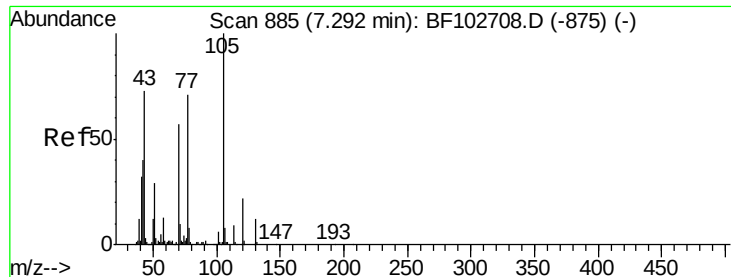
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#18
Hexachloroethane
Concen: 42.120 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion:	117	Resp:	205847
Ion Ratio	Lower	Upper	
117	100		
119	94.2	75.8	113.8
201	81.4	75.7	113.5





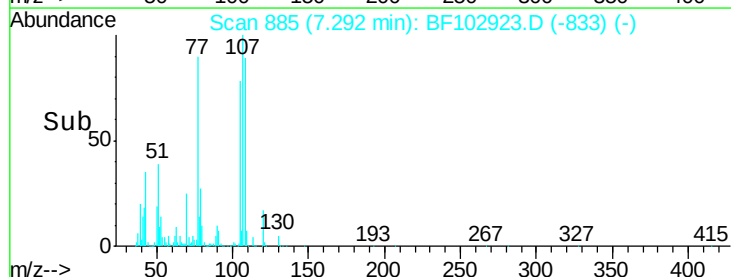
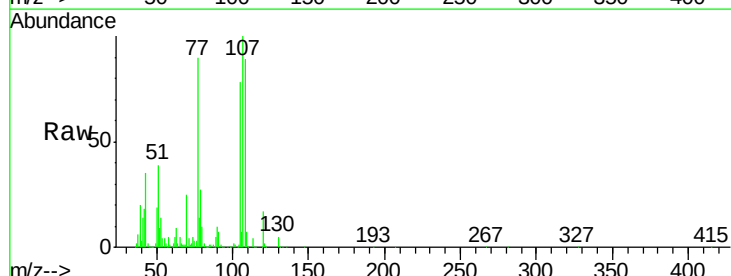
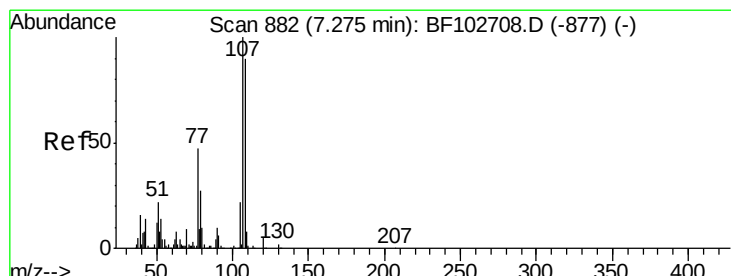
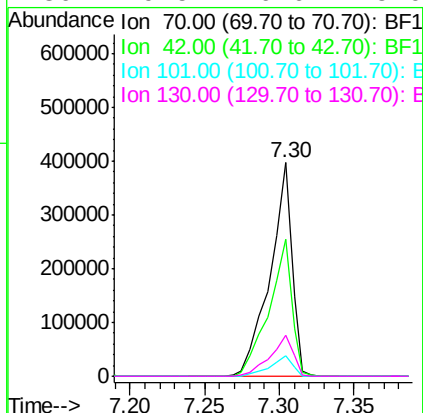
#19
n-Nitroso-di-n-propylamine
Concen: 42.832 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	47.5	71.3	
101	9.3	7.4	11.2	
130	19.5	16.6	25.0	

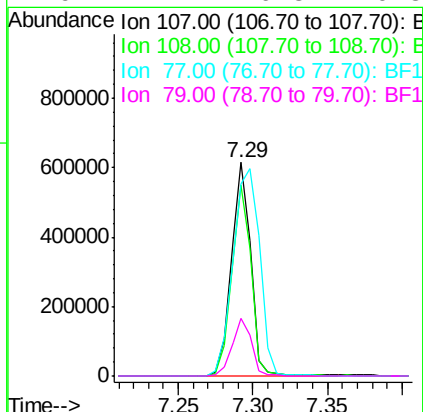
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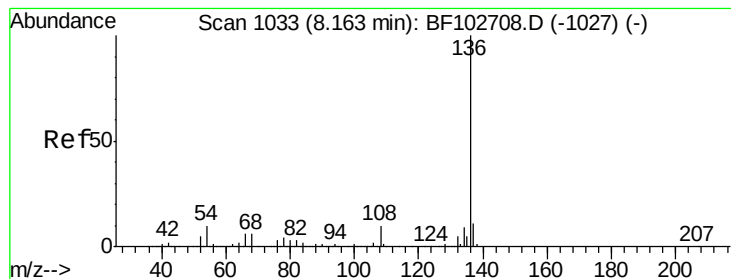
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#20
3+4-Methylphenols
Concen: 39.962 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	68.2	108.2	
77	90.2	26.7	66.7	
79	27.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

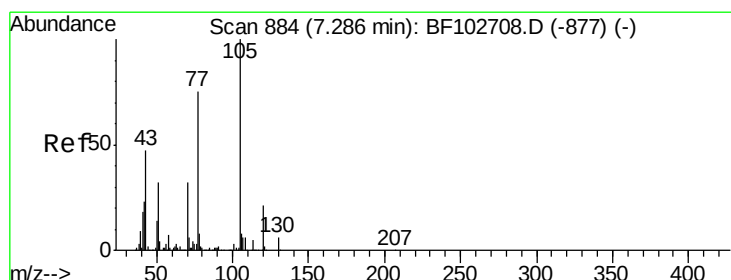
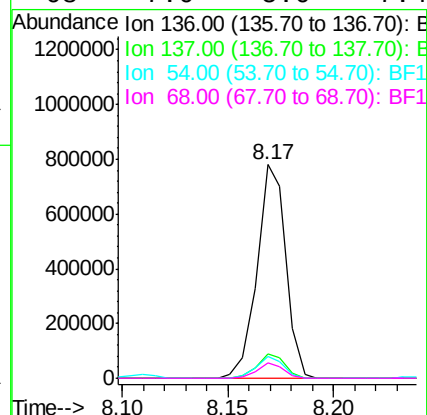
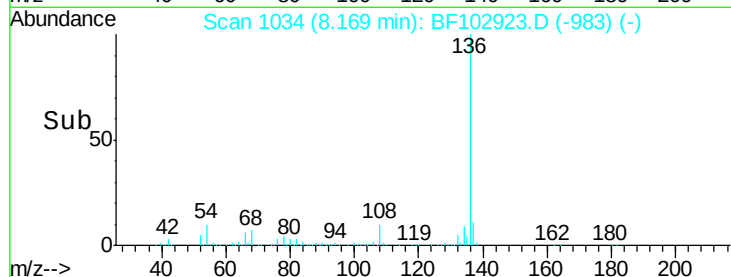
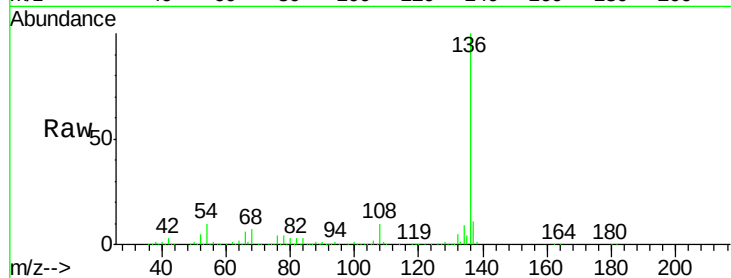
ClientSampleId :

WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	741847		
137	11.2	8.9	13.3	
54	10.4	6.6	9.8	
68	7.0	5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 42.507 ng

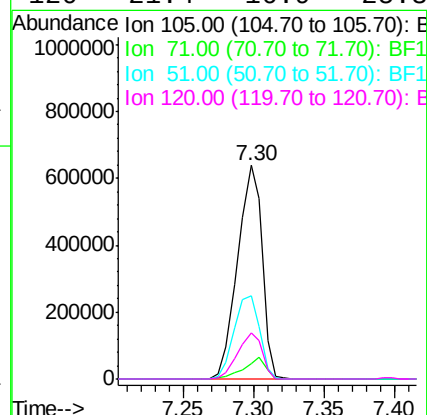
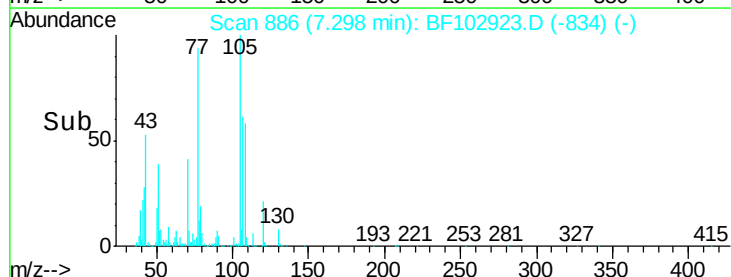
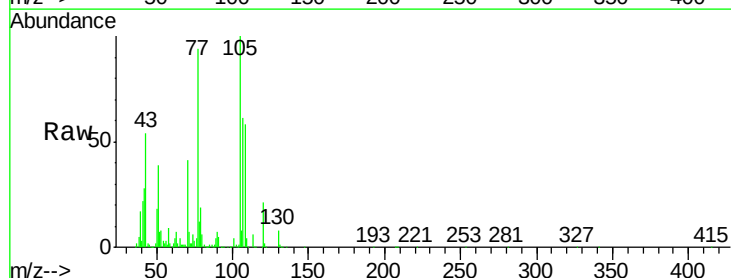
RT: 7.30 min Scan# 886

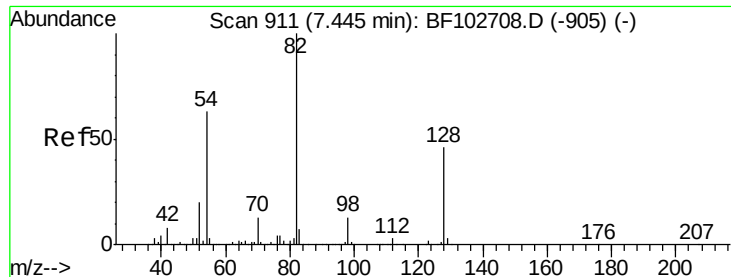
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	771657		
71	7.0	4.4	6.6	
51	38.9	22.3	33.5	
120	21.4	16.9	25.3	





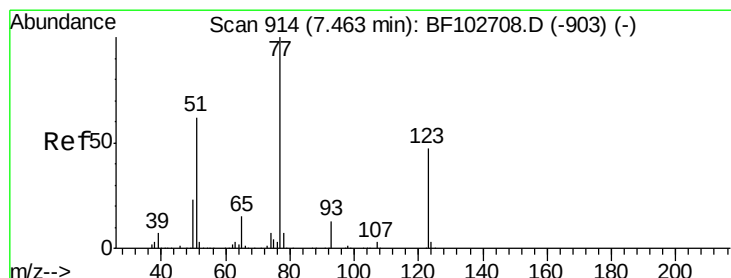
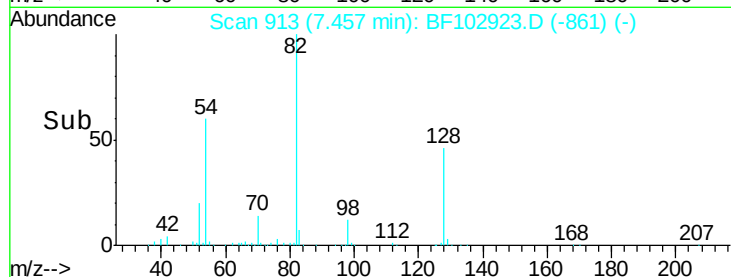
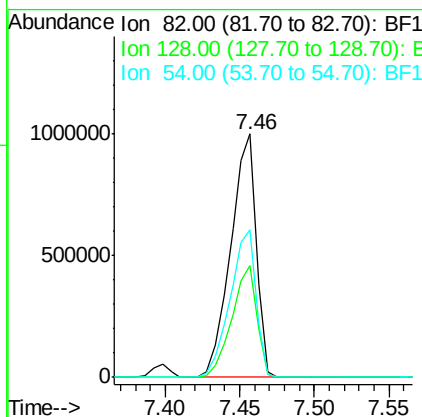
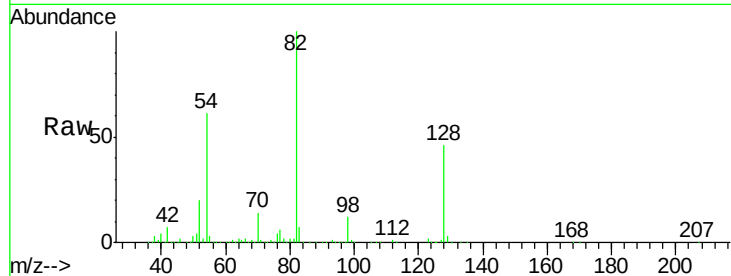
#23
 Nitrobenzene-d5
 Concen: 112.384 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	60.5	41.4	62.2

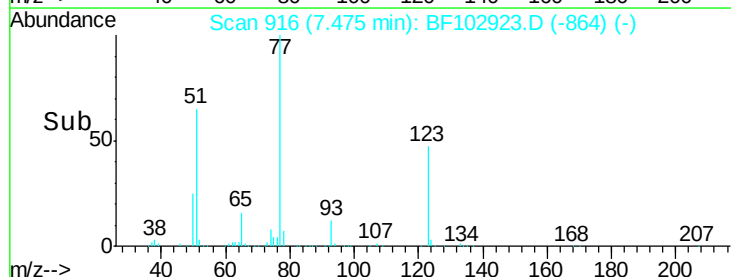
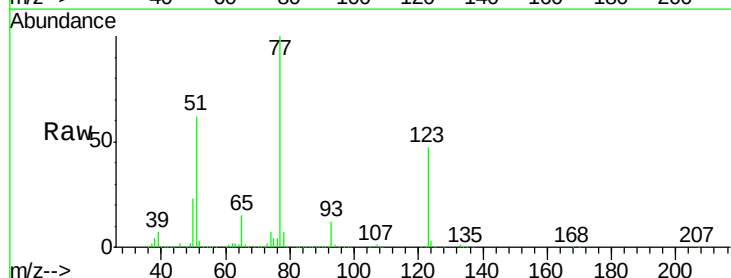
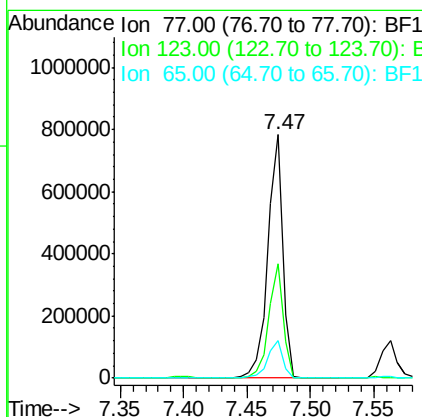
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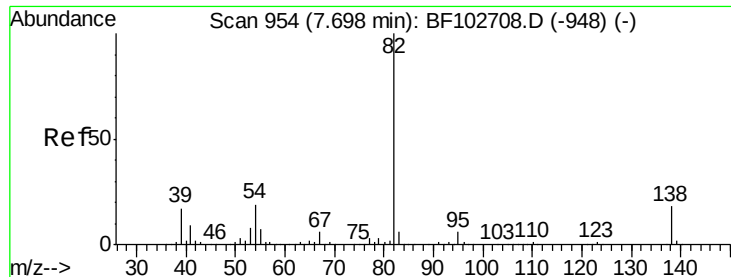
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#24
 Nitrobenzene
 Concen: 51.378 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	15.2	11.0	16.4





#25

Isophorone

Concen: 49.477 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

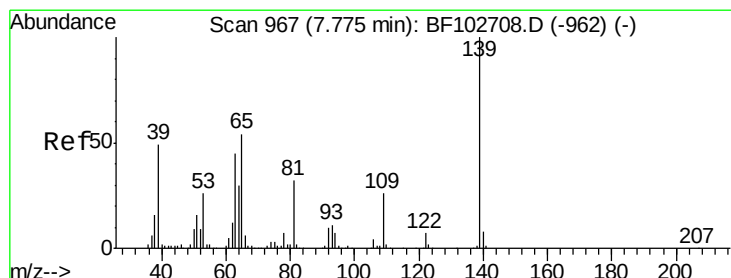
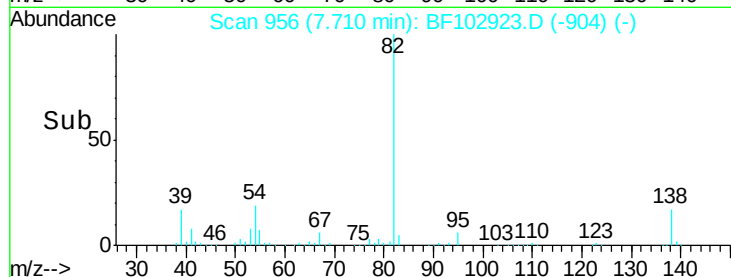
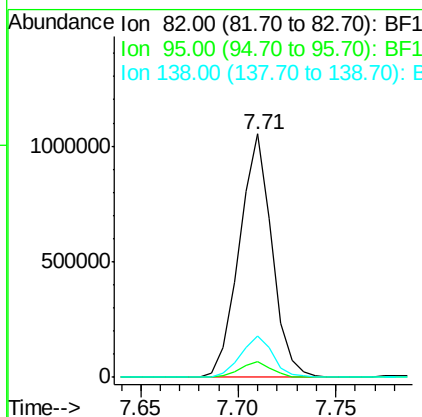
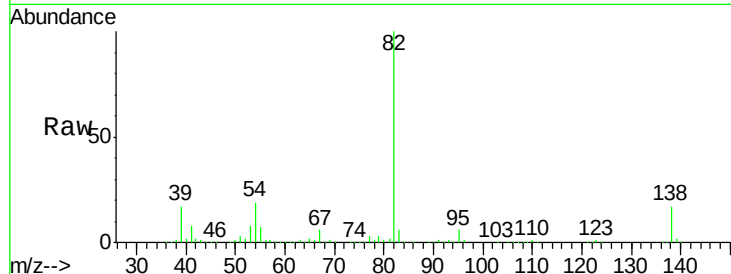
ClientSampleId :

WAVE-1MSD

Tot Ion:	82	Resp:	1218361
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.204 ng

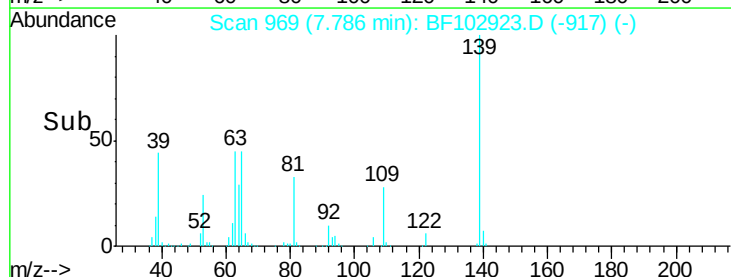
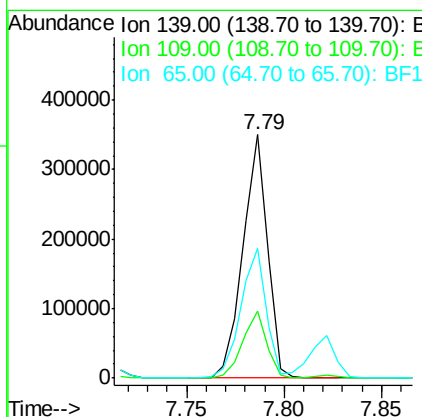
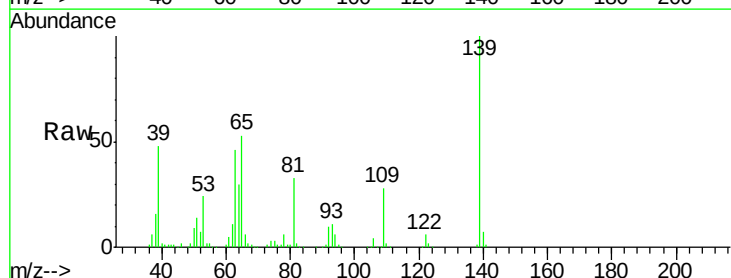
RT: 7.79 min Scan# 969

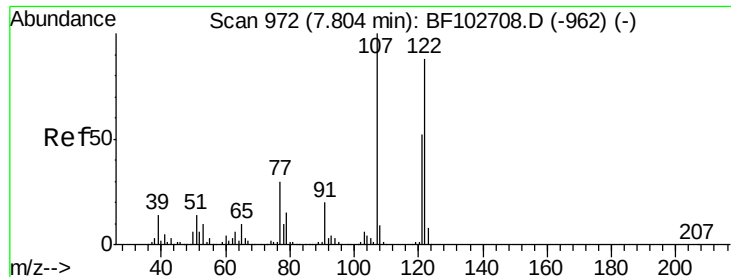
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	139	Resp:	306105
Ion	Ratio	Lower	Upper
139	100		
109	27.6	22.7	34.1
65	53.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 51.793 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

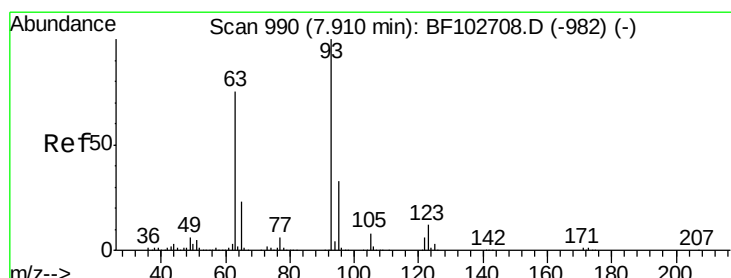
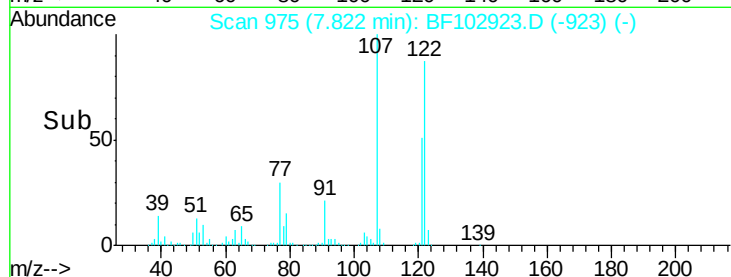
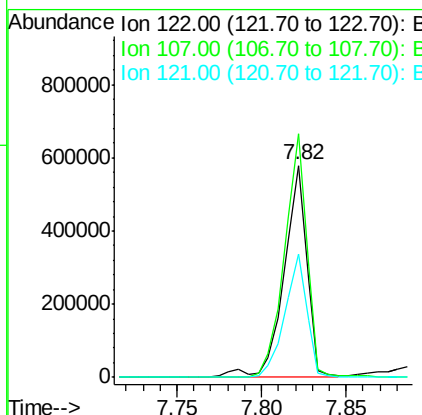
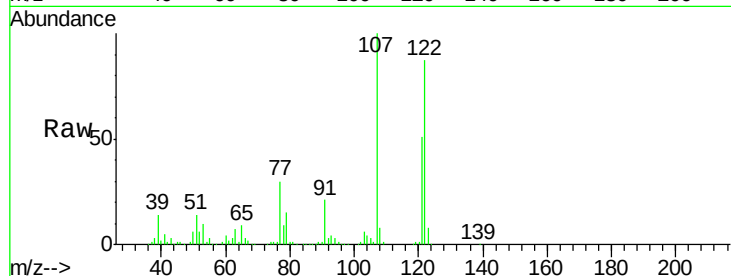
ClientSampleId :

WAVE-1MSD

Tot Ion:	122	Resp:	538824
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.2	136.8
121	58.2	47.2	70.8

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2/13/2018 11:25:56 AM



#28

bis(2-Chloroethoxy)methane

Concen: 50.986 ng

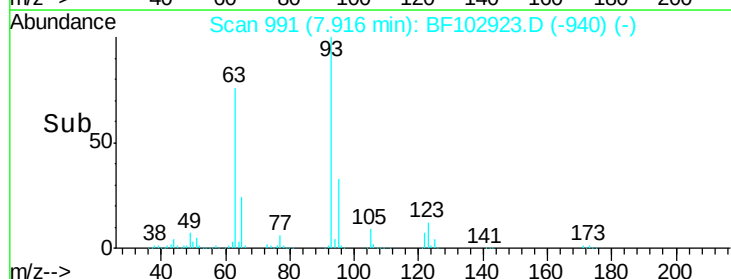
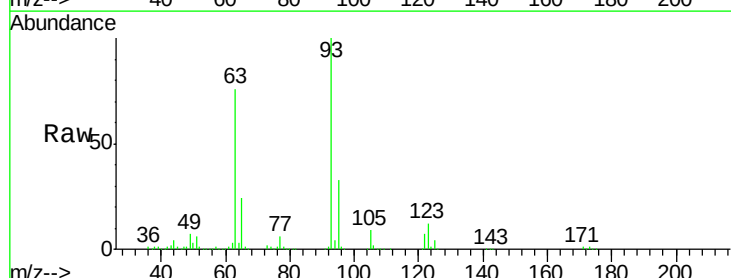
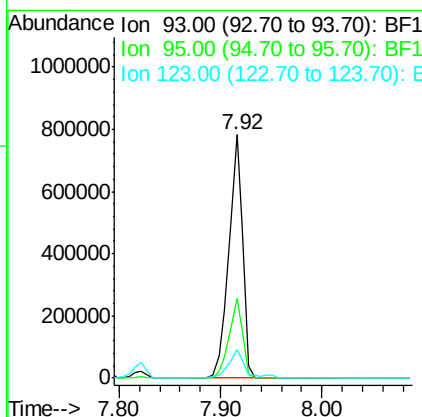
RT: 7.92 min Scan# 991

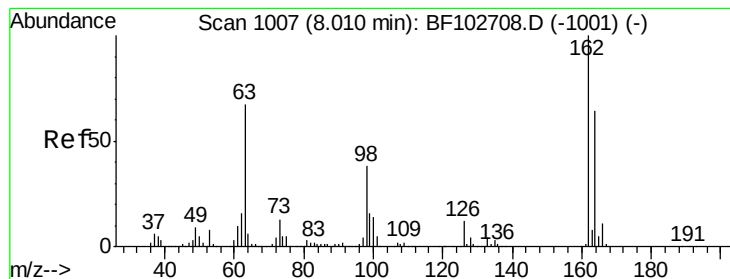
Delta R.T. -0.00 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	93	Resp:	743744
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.6	9.8	14.6





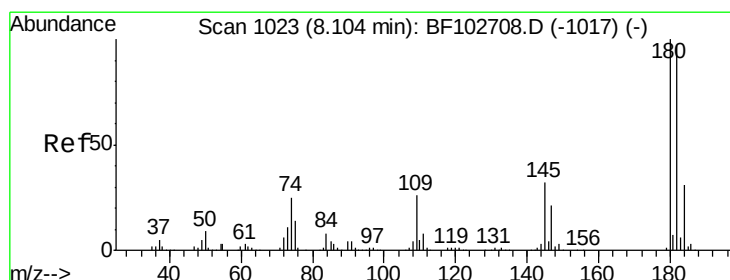
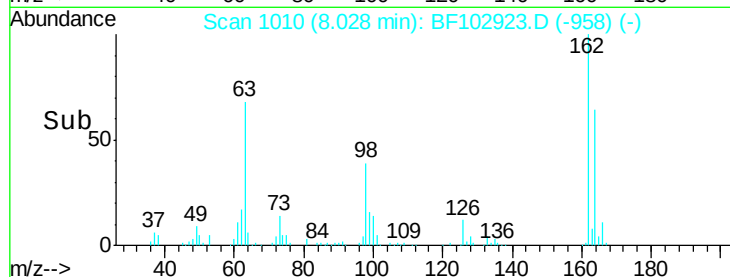
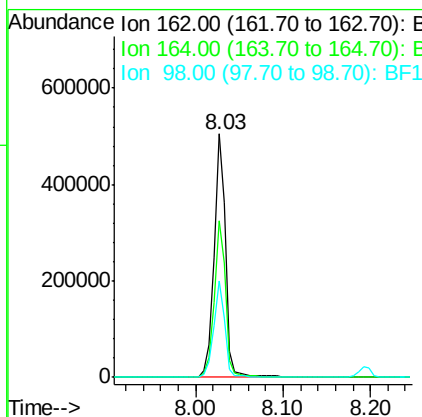
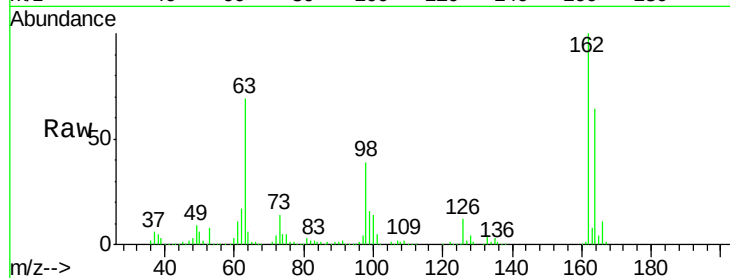
#29
 2,4-Dichlorophenol
 Concen: 48.943 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion:	162	Resp:	462867
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	39.5	18.1	58.1

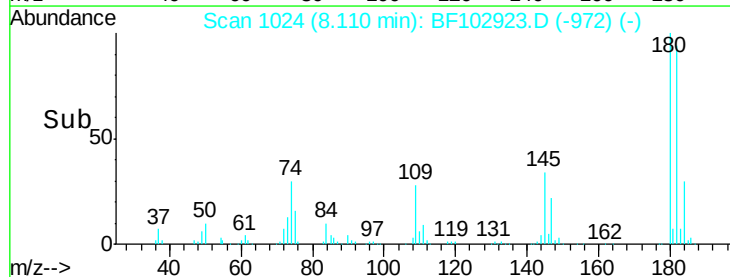
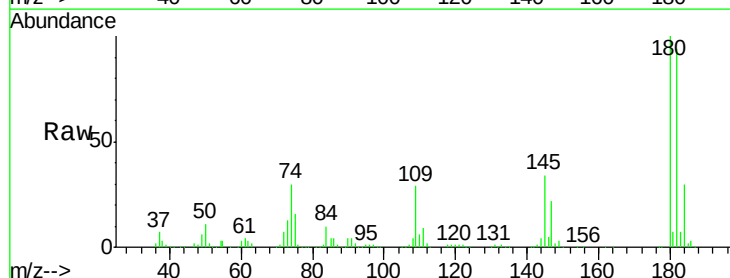
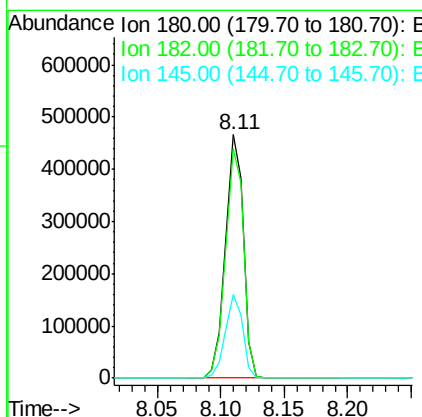
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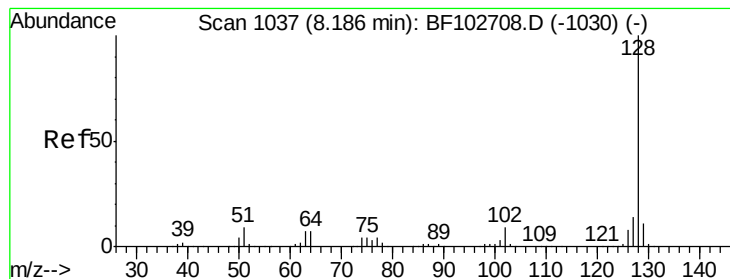
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.683 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion:	180	Resp:	456656
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	34.2	26.5	39.7





#31

Naphthalene

Concen: 43.675 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

ClientSampleId :

WAVE-1MSD

Tot Ion:128 Resp: 1583018

Ion Ratio Lower Upper

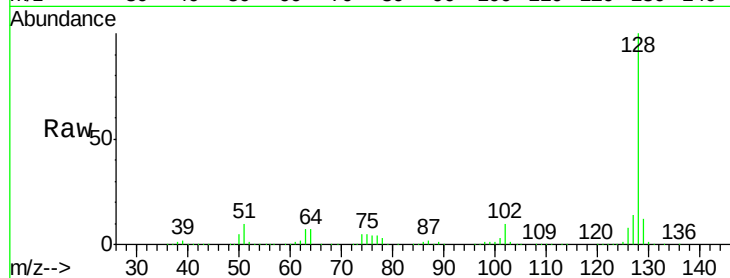
128 100

129 11.6 8.8 13.2

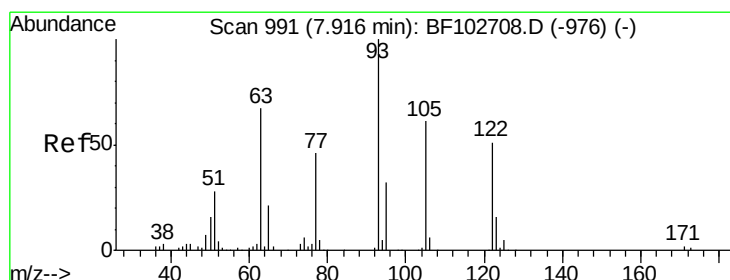
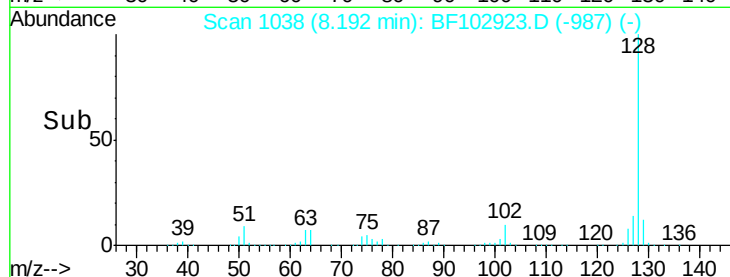
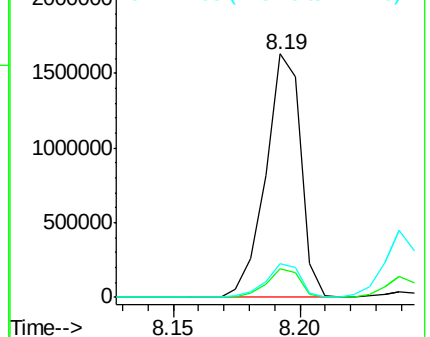
127 13.6 10.9 16.3

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



#32

Benzoic acid

Concen: 47.407 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

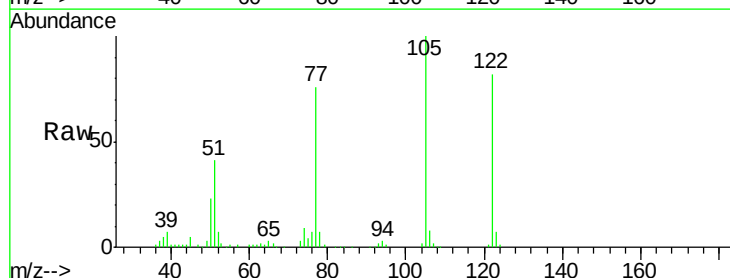
Tgt Ion:122 Resp: 346660

Ion Ratio Lower Upper

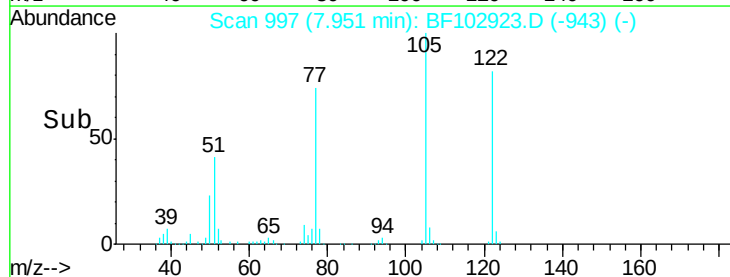
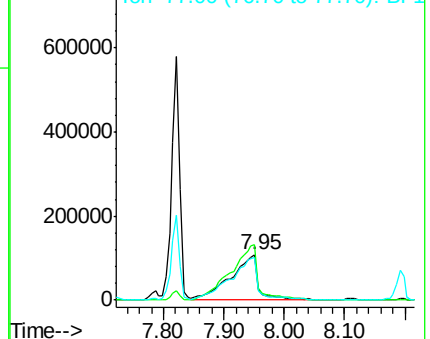
122 100

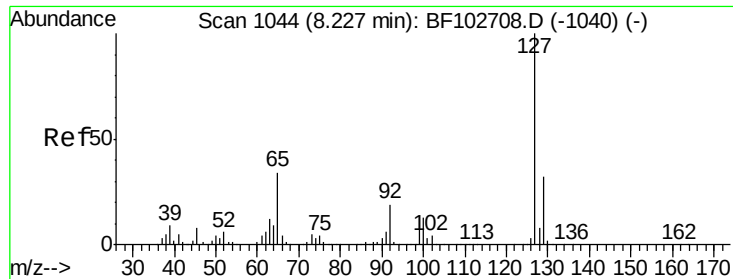
105 122.4 101.1 141.1

77 93.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





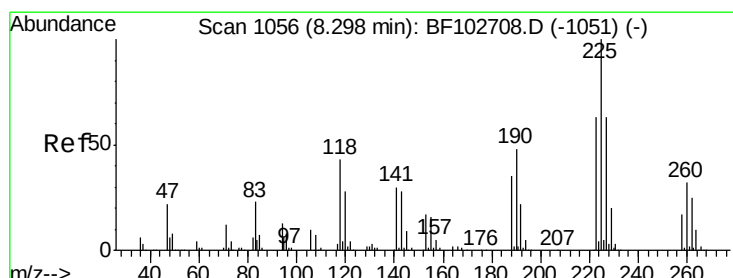
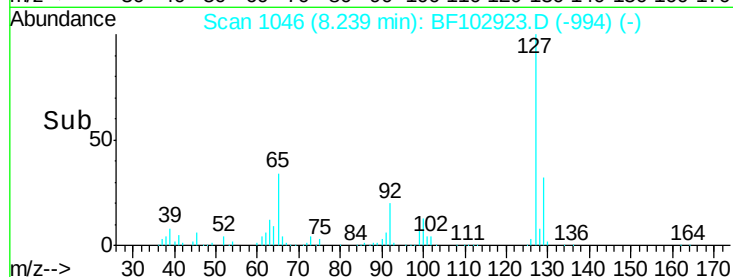
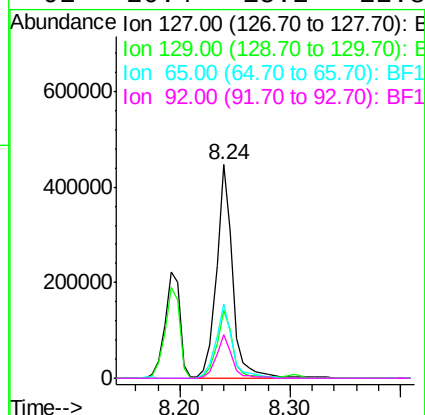
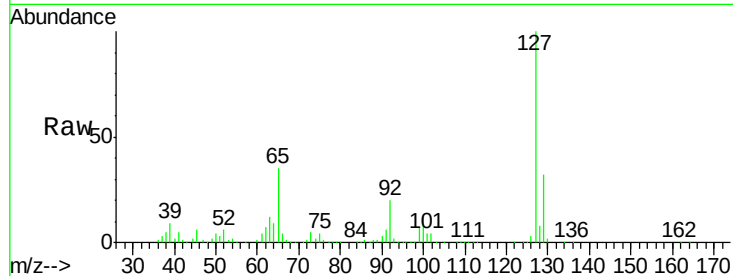
#33
4-Chloroaniline
Concen: 28.461 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
444386	127	100			
	129	32.1	25.9	38.9	
	65	34.9	25.0	37.4	
	92	20.4	15.2	22.8	

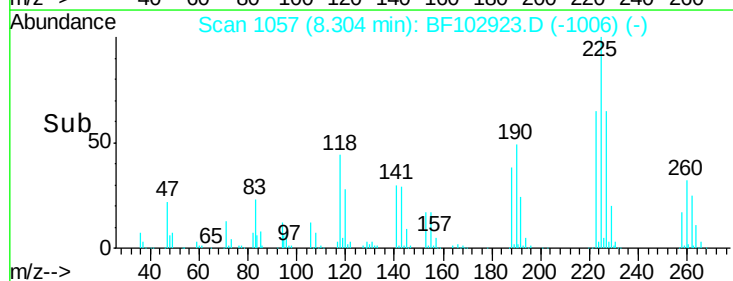
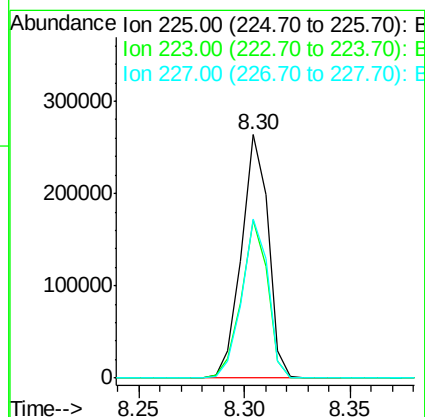
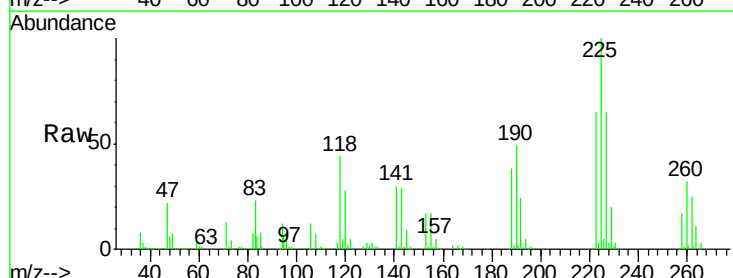
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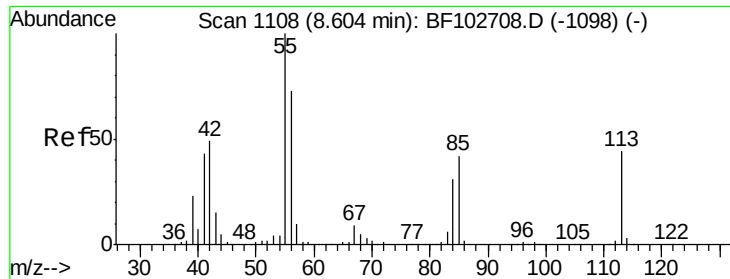
Sohil
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#34
Hexachlorobutadiene
Concen: 42.129 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
230967	225	100			
	223	64.9	50.6	76.0	
	227	65.2	51.9	77.9	





#35

Caprolactam

Concen: 48.412 ng/ml

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

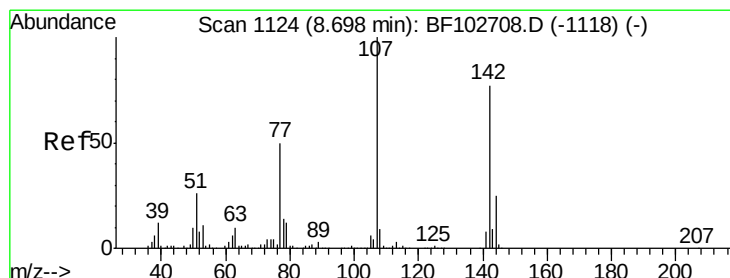
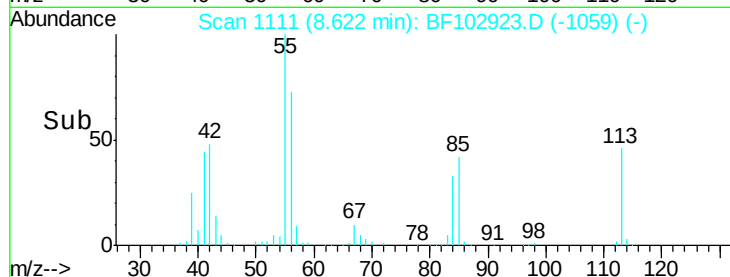
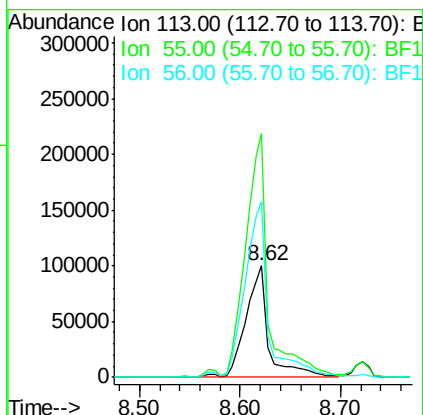
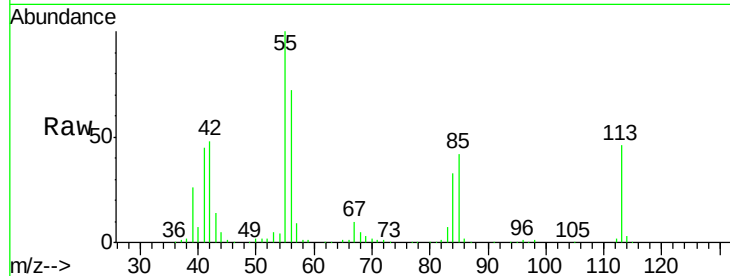
ClientSampleId :

WAVE-1MSD

Tot Ion:	113	Resp:	159003
Ion Ratio	Lower	Upper	
113	100		
55	218.3	163.3	203.3#
56	158.1	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 47.834 ng/ml

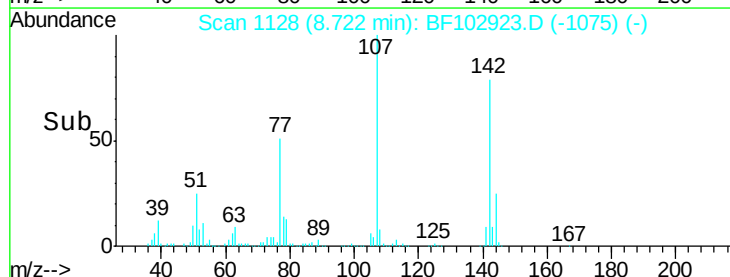
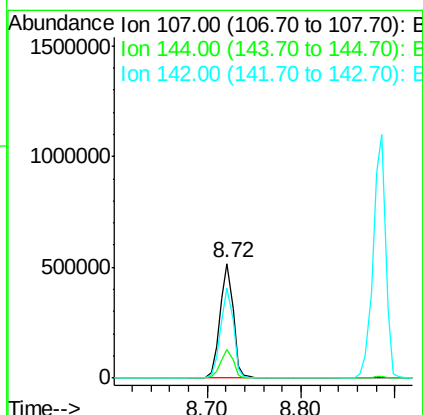
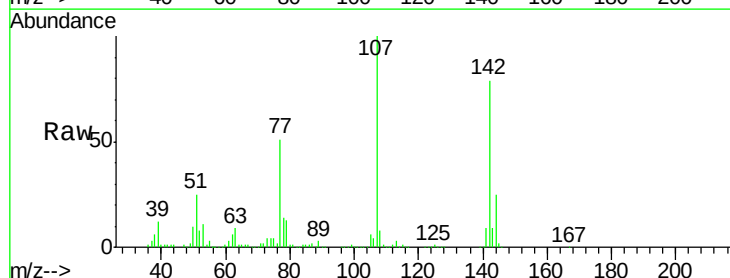
RT: 8.72 min Scan# 1128

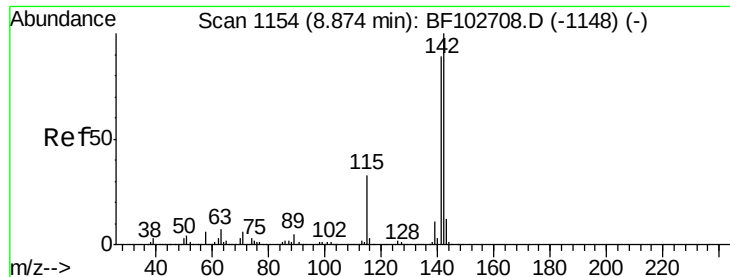
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	107	Resp:	508284
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.5	30.7
142	78.8	62.0	93.0





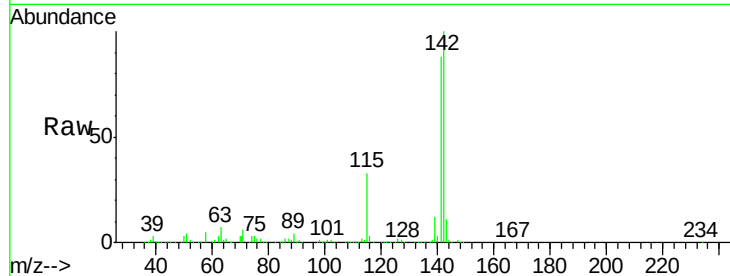
#37
2-Methylnaphthalene
Concen: 42.819 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampled :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	33.3	26.1	39.1

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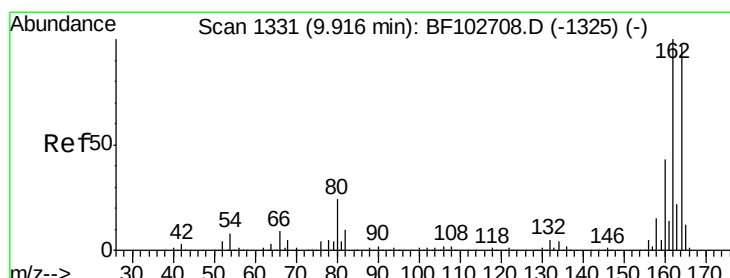
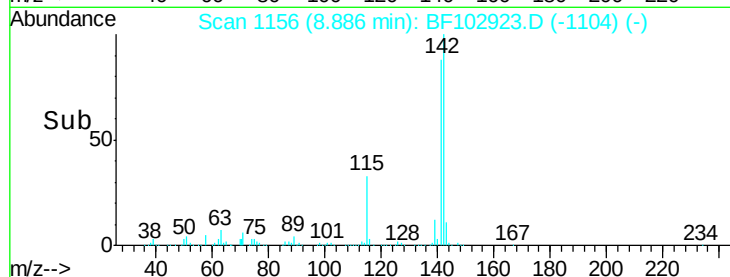
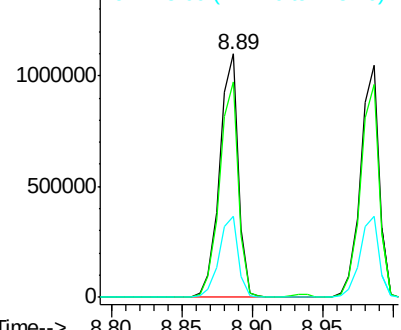


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

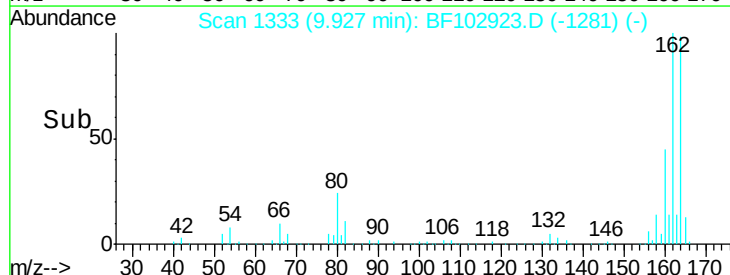
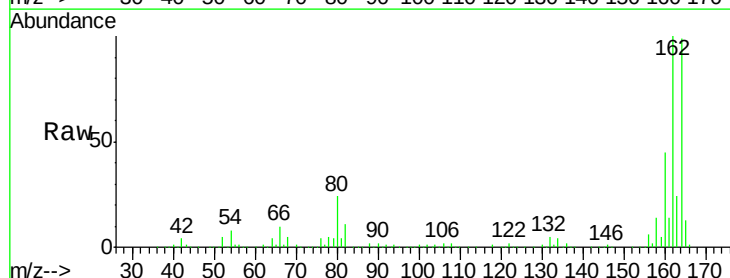
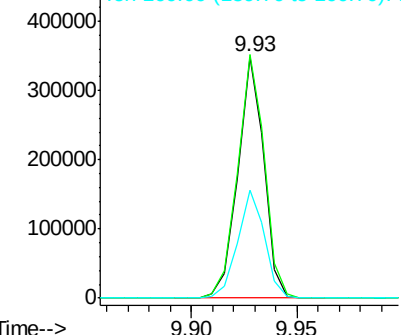
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.0	38.3	57.5

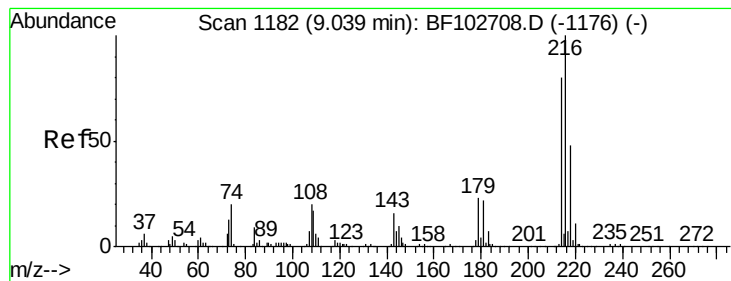
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.685 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

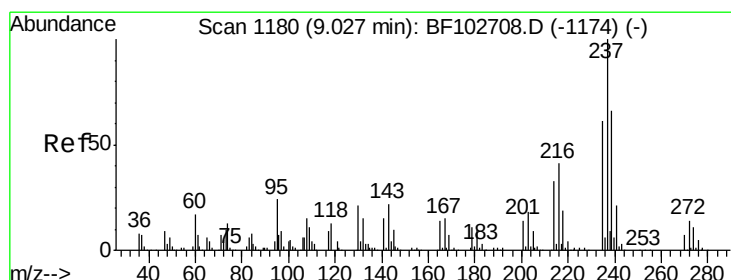
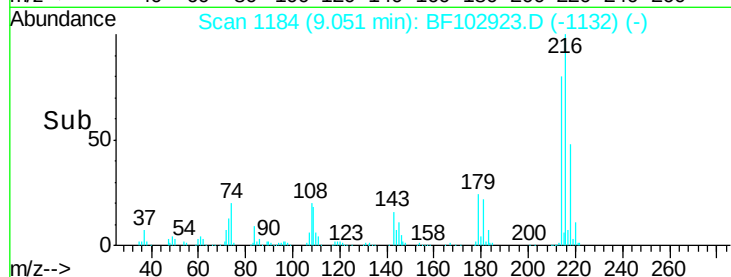
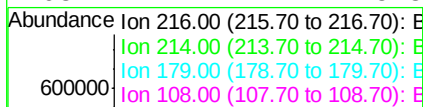
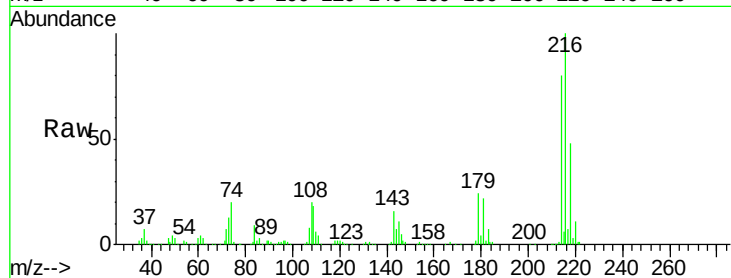
ClientSampleId :

WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		387547		
214	79.5		63.0	94.4	
179	23.8		18.1	27.1	
108	22.4		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 19.386 ng

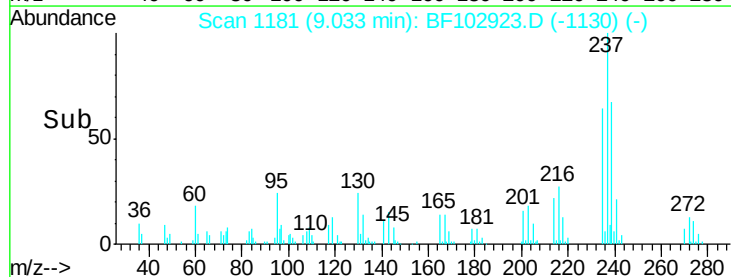
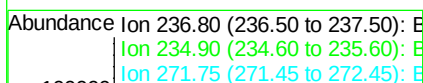
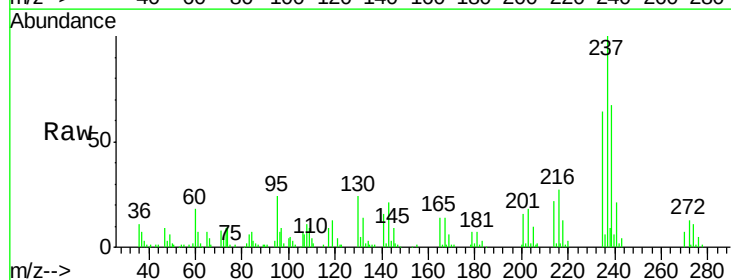
RT: 9.03 min Scan# 1181

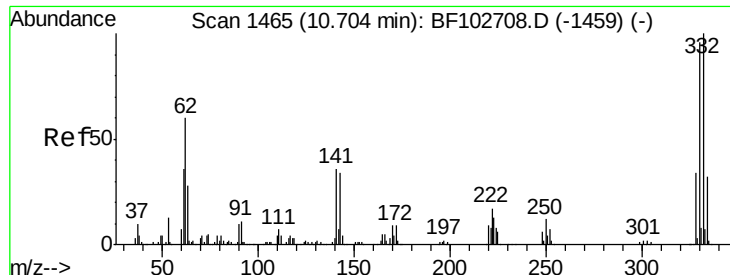
Delta R.T. -0.00 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		74900		
235	63.7		44.8	84.8	
272	12.8		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 119.880 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

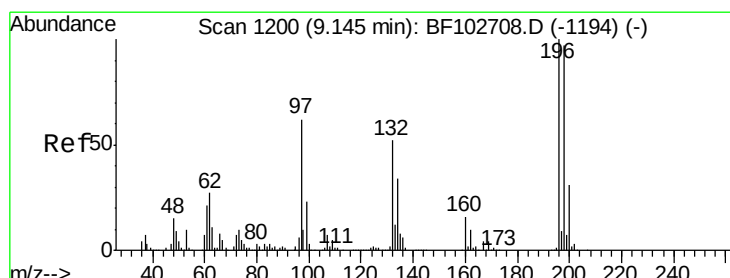
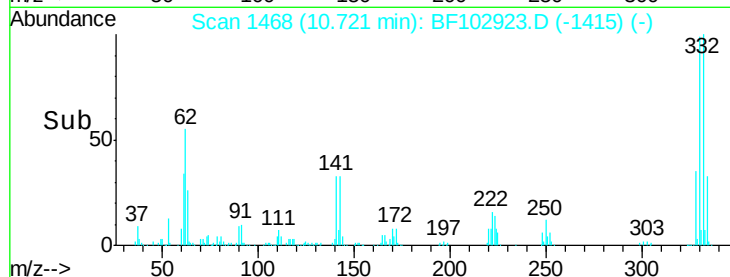
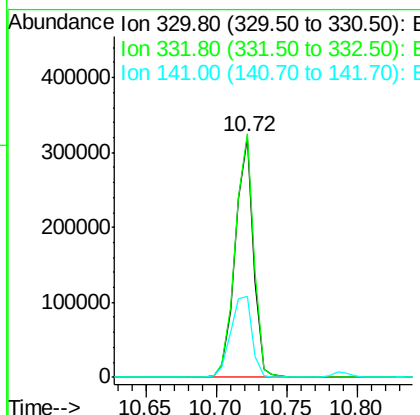
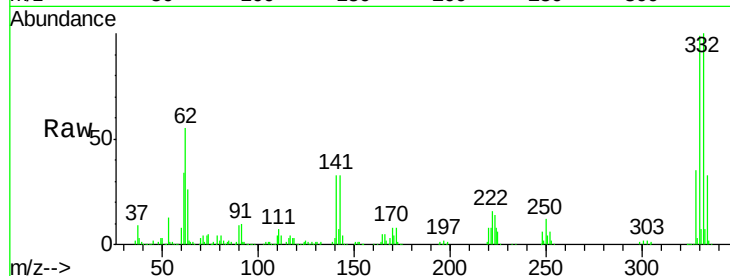
ClientSampleId :

WAVE-1MSD

Tot Ion:	330	Resp:	288007
Ion Ratio	Lower	Upper	
330	100		
332	103.2	77.0	115.6
141	39.8	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 52.182 ng

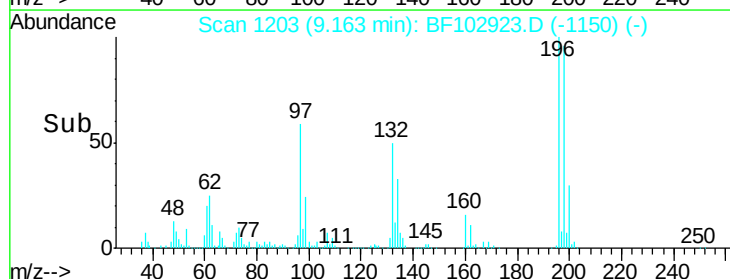
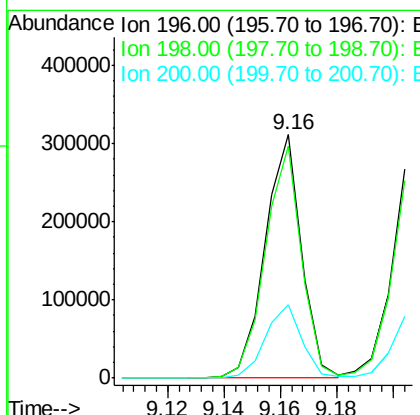
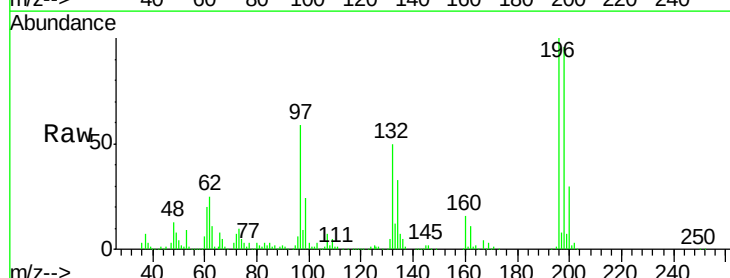
RT: 9.16 min Scan# 1203

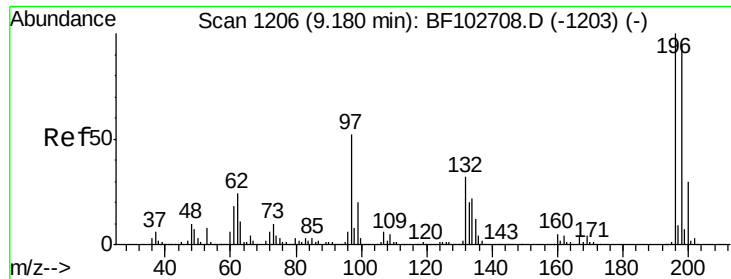
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	196	Resp:	278556
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.7	113.5
200	30.1	24.5	36.7





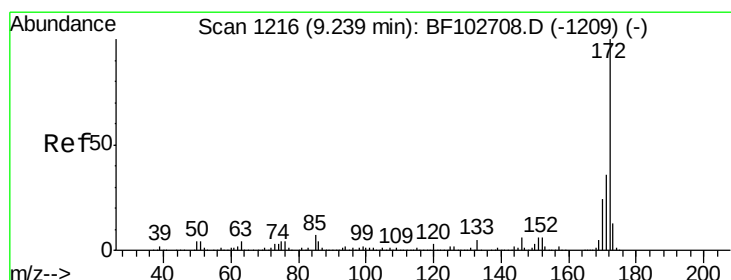
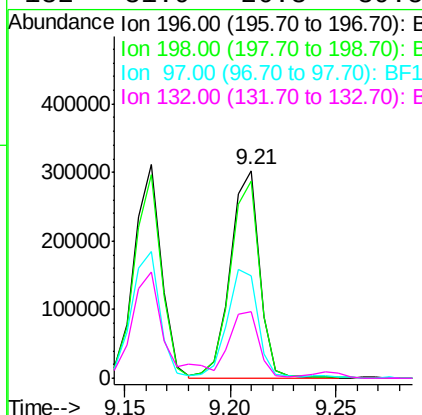
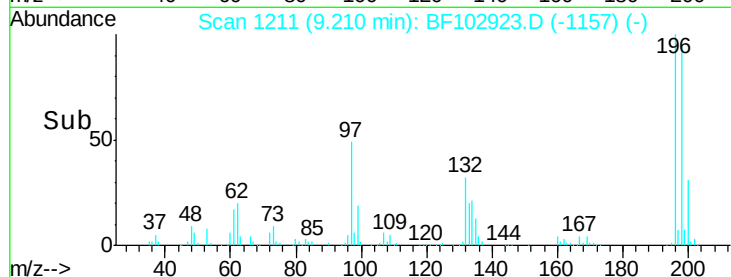
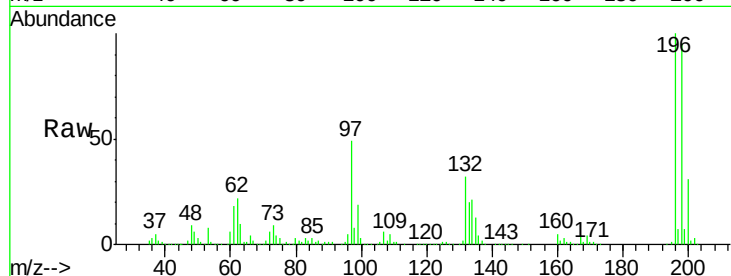
#43
 2,4,5-Trichlorophenol
 Concen: 47.754 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.02 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		287318		
198	95.1	74.6	112.0		
97	49.3	42.9	64.3		
132	31.9	26.3	39.5		

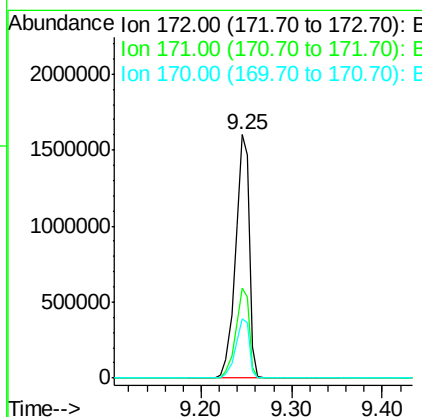
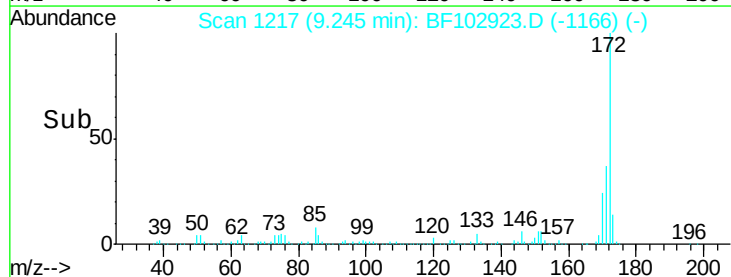
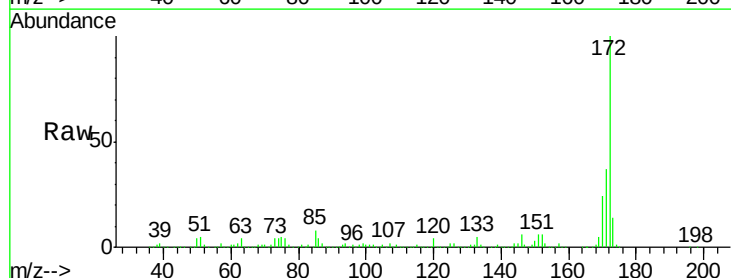
Manual Integrations
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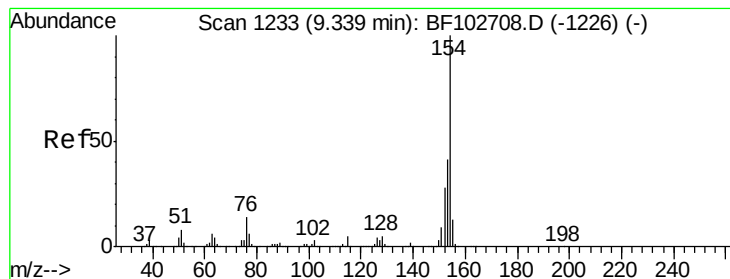
Sohil
 2/13/2018 11:25:56 AM



#44
 2-Fluorobiphenyl
 Concen: 95.544 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1718661		
171	36.9	29.7	44.5		
170	24.2	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 45.659 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

ClientSampleId :

WAVE-1MSD

Tot Ion:154 Resp: 1147888

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

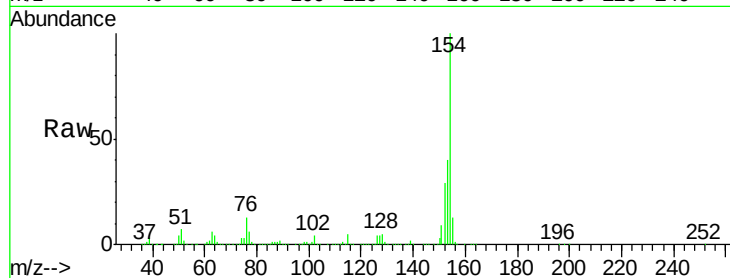
76 13.4 0.0 34.0

Manual Integrations

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Sohil

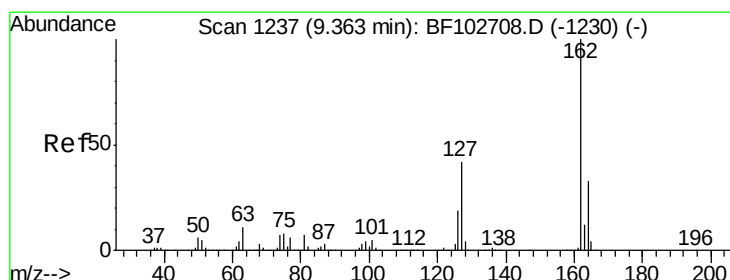
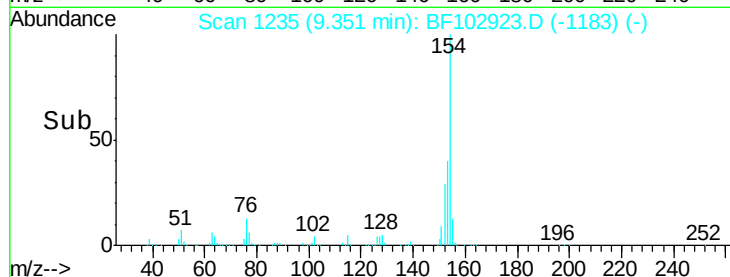
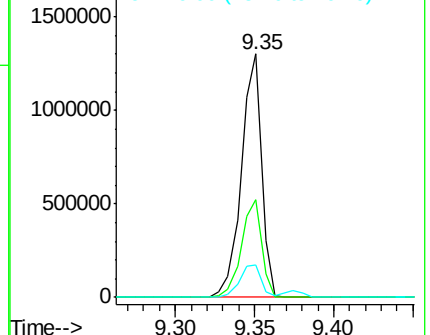
2/13/2018 11:25:56 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.472 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

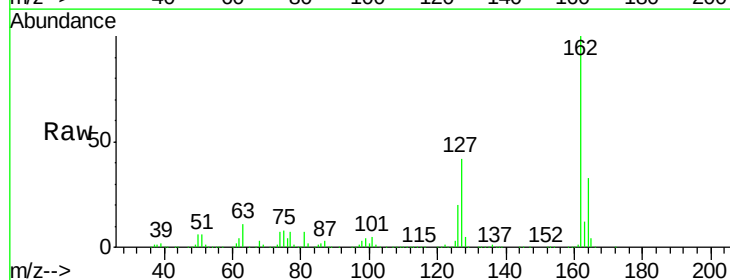
Tgt Ion:162 Resp: 899998

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

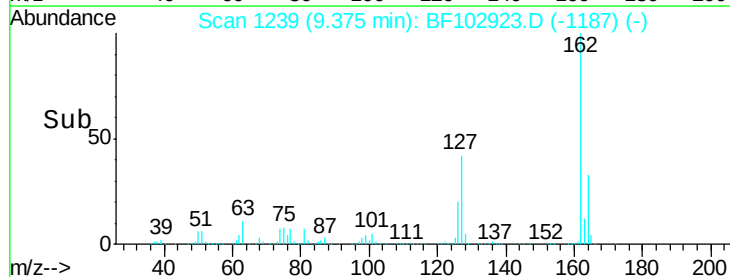
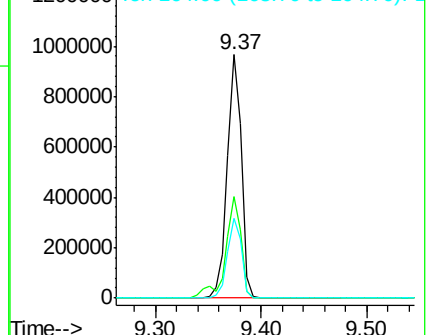
164 32.7 26.5 39.7

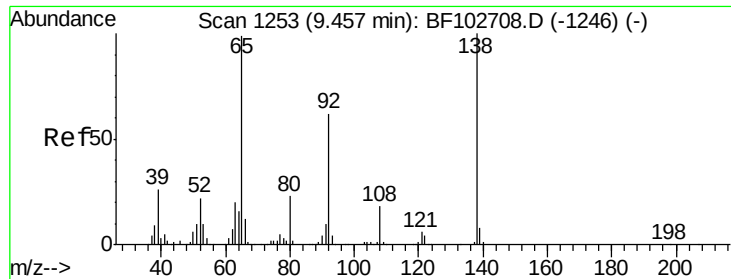


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 57.238 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

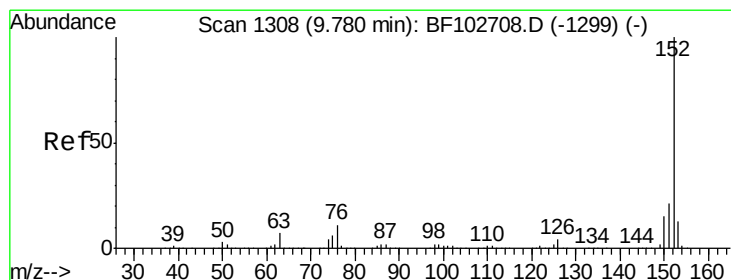
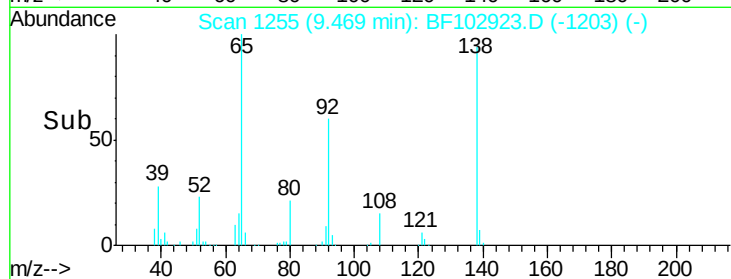
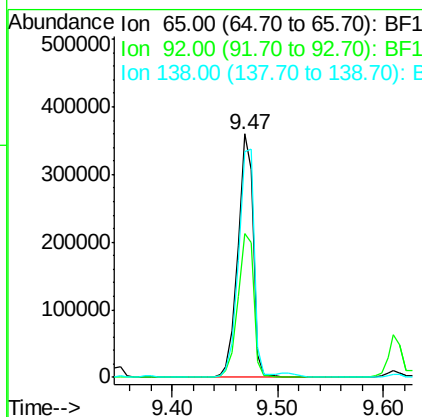
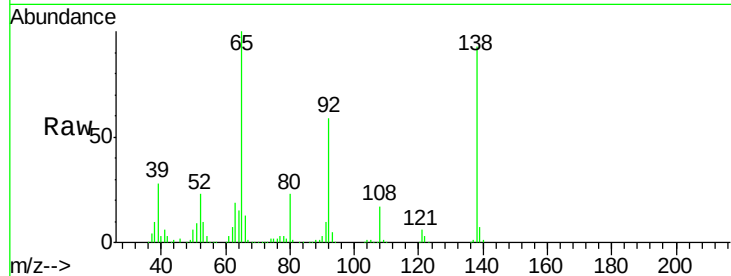
ClientSampleId :

WAVE-1MSD

Tot Ion:	65	Resp:	353978
Ion Ratio	Lower	Upper	
65	100		
92	59.1	55.8	83.6
138	92.7	91.2	136.8

Manual Integrations
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Sohil
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#48

Acenaphthylene

Concen: 42.362 ng

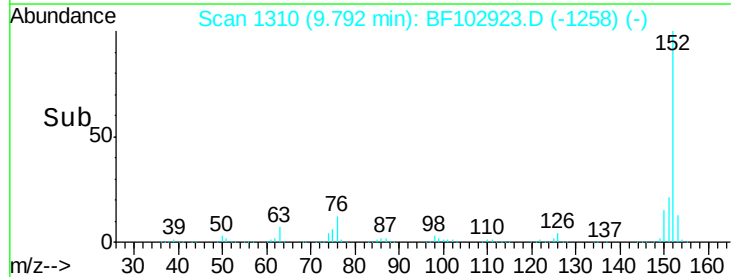
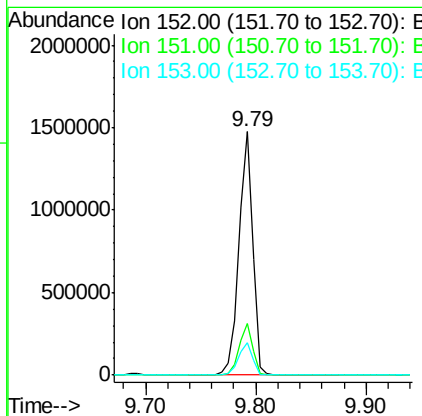
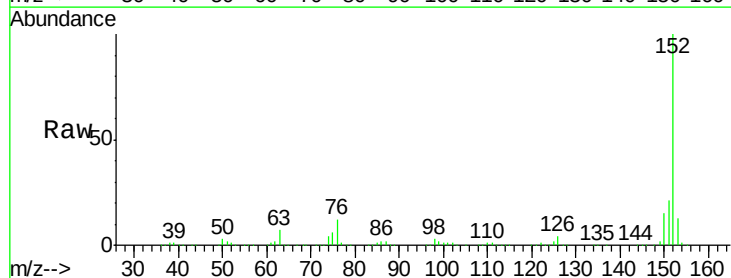
RT: 9.79 min Scan# 1310

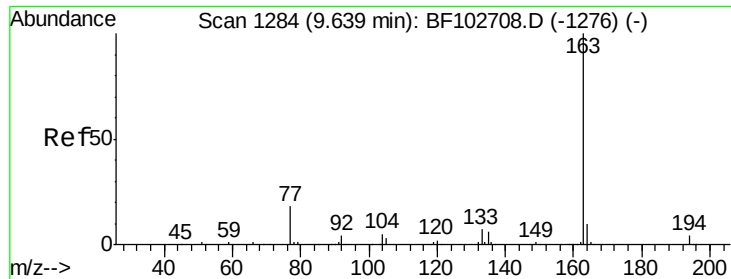
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	152	Resp:	1302264
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	13.5	10.7	16.1





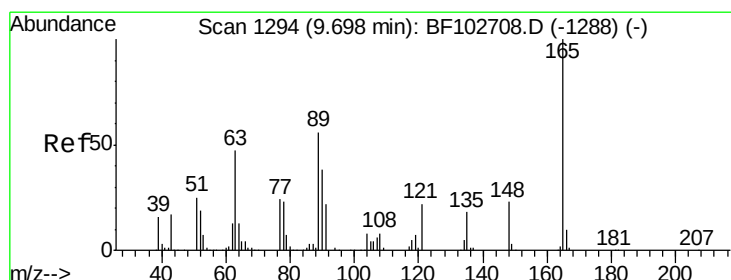
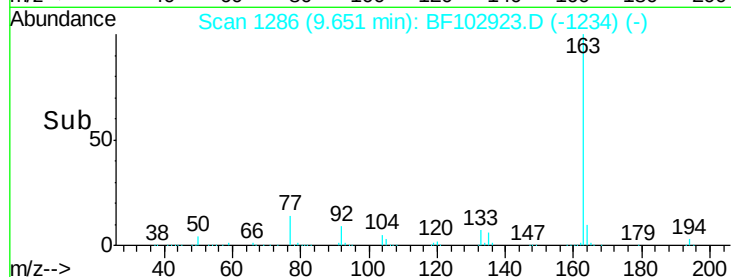
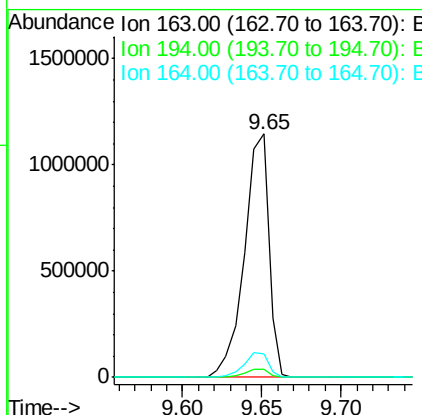
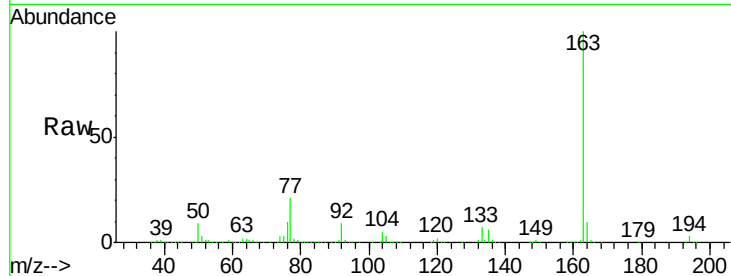
#49
Dimethylphthalate
Concen: 52.940 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	163	Resp	1232102
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

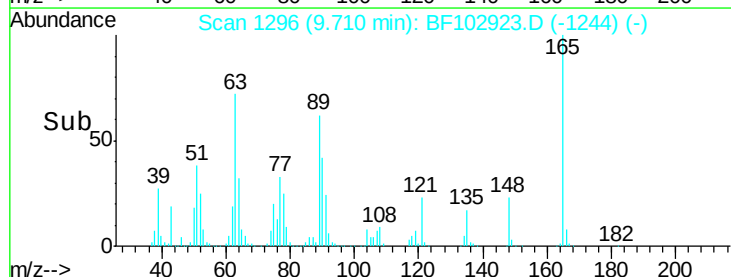
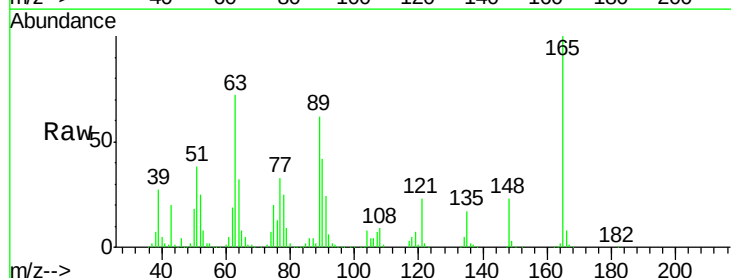
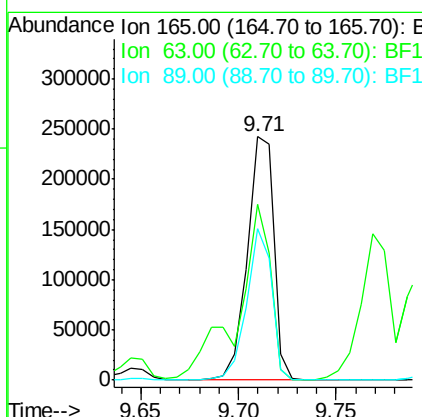
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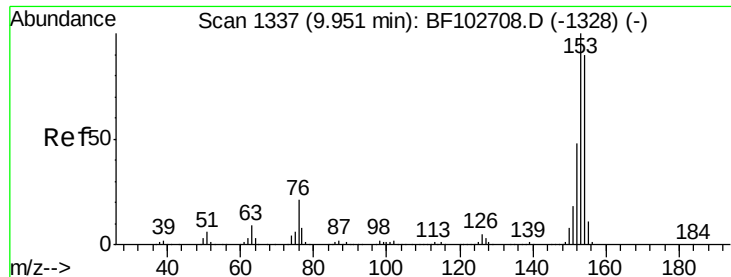
Sohil
2/13/2018 11:25:56 AM



#50
2,6-Dinitrotoluene
Concen: 51.686 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	165	Resp	228856
Ion	Ratio	Lower	Upper
165	100		
63	72.0	44.7	67.1#
89	62.0	44.0	66.0





#51

Acenaphthene

Concen: 41.948 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

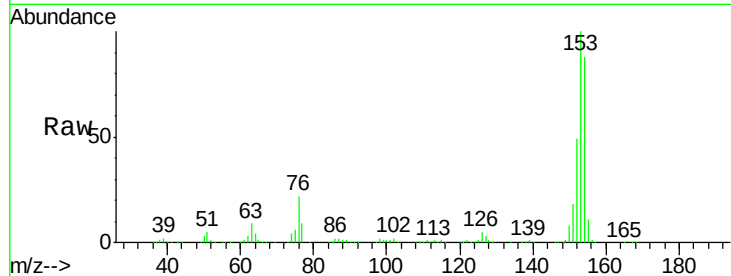
ClientSampleId :

WAVE-1MSD

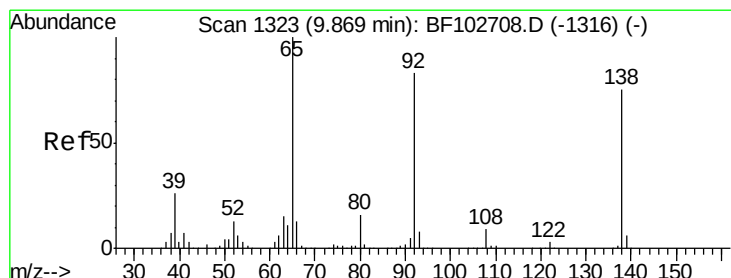
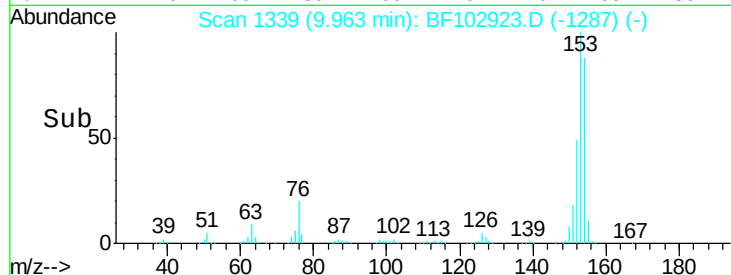
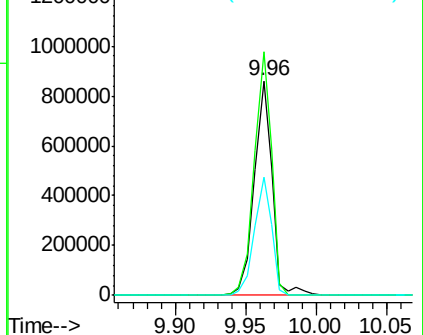
Tot Ion:	154	Resp:	771181
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.2	136.8
152	55.2	43.8	65.8

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



#52

3-Nitroaniline

Concen: 39.807 ng

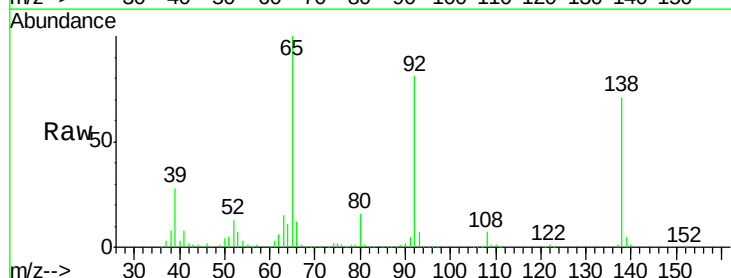
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

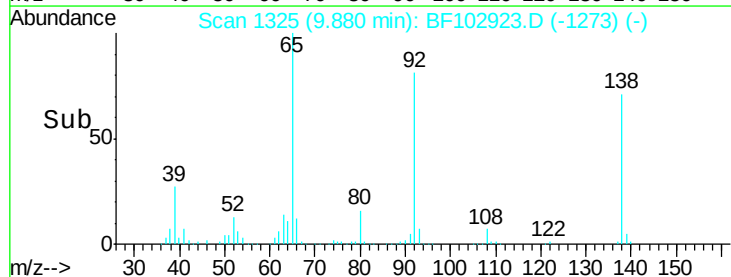
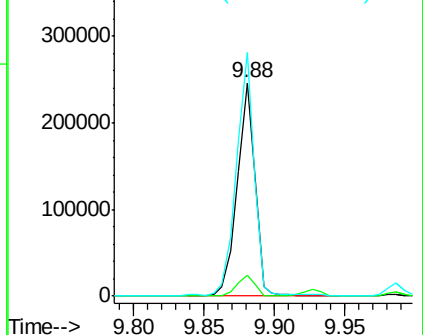
Lab File: BF102923.D

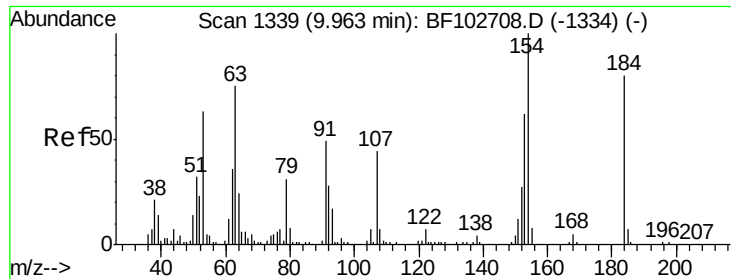
Acq: 12 Feb 2018 16:28

Tgt Ion:	138	Resp:	216879
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	114.3	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





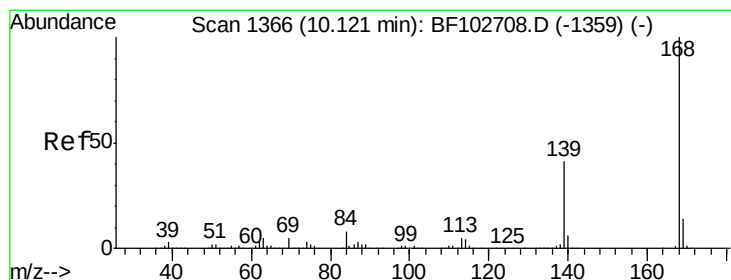
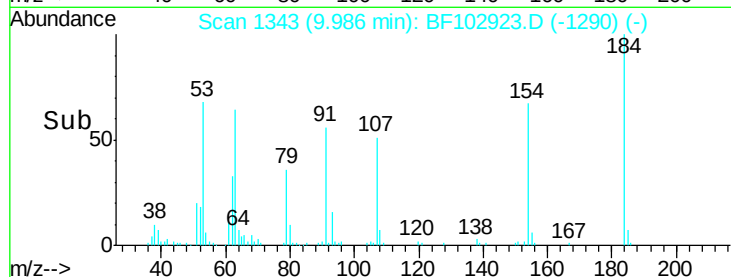
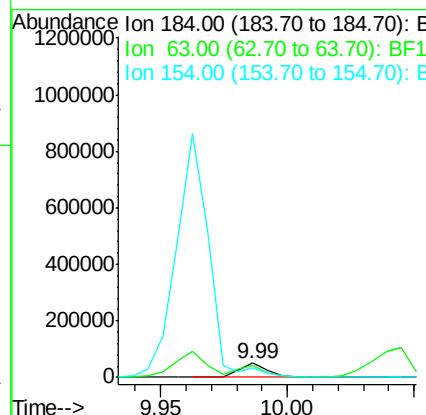
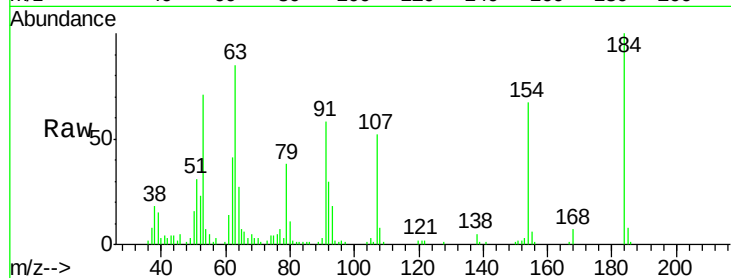
#53
2,4-Dinitrophenol
Concen: 42.391 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.3	54.2	81.2#
154	66.9	184.0	276.0#

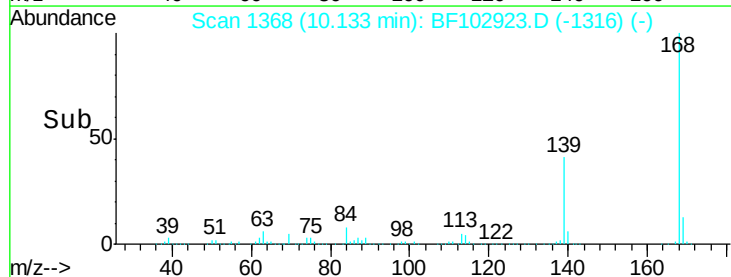
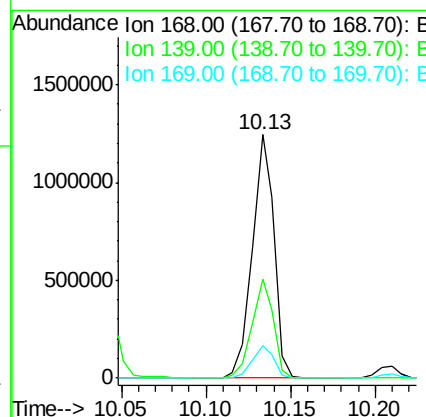
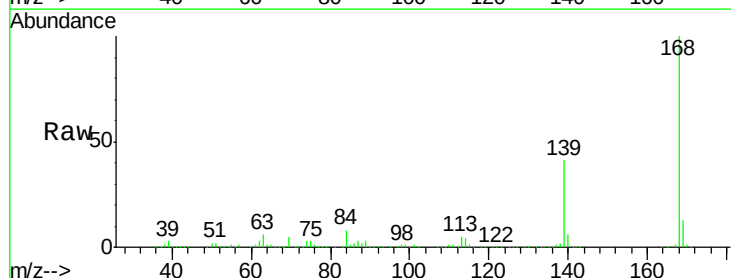
Manual Integrations
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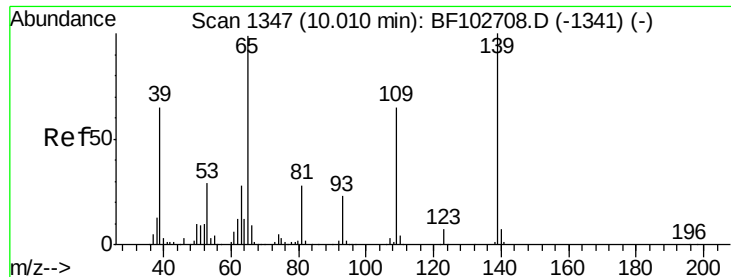
Sohil
2/13/2018 11:25:56 AM



#54
Dibenzofuran
Concen: 43.193 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	13.4	10.9	16.3





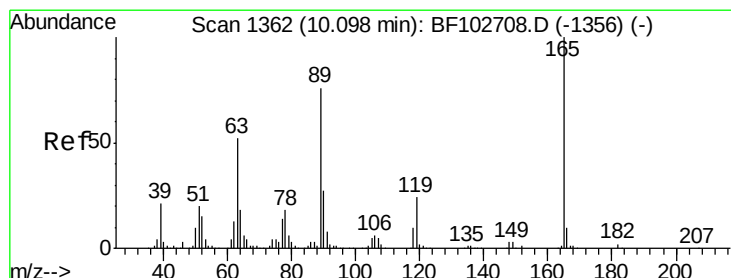
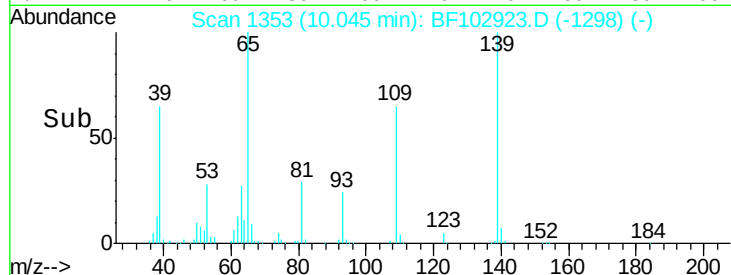
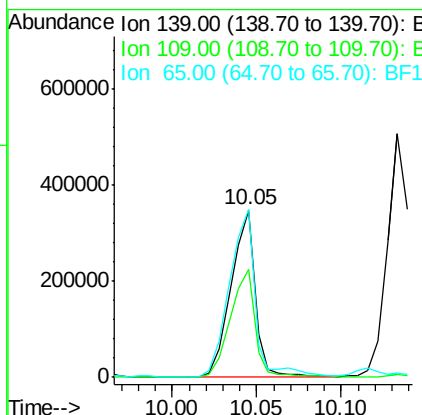
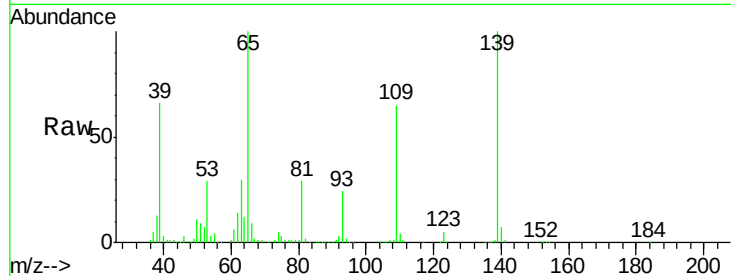
#55
4-Nitrophenol
Concen: 77.902 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	348289		
109	64.8	48.4	88.4	
65	100.4	72.6	112.6	

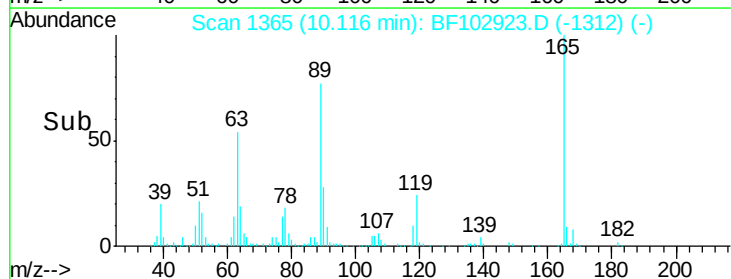
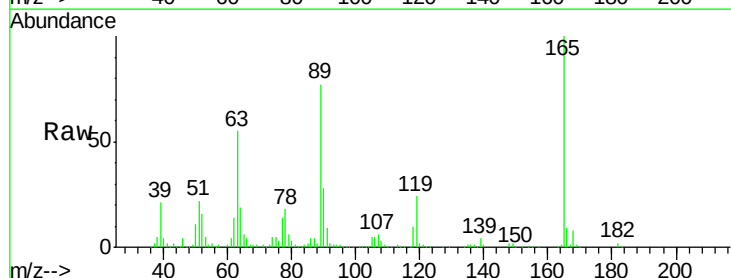
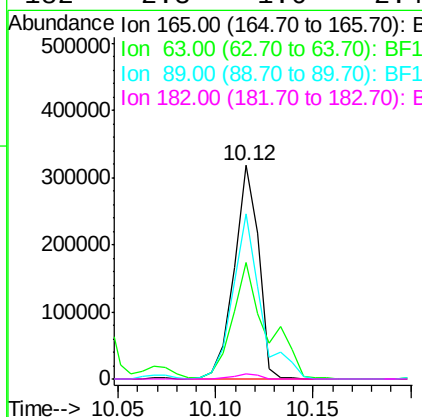
Manual Integrations
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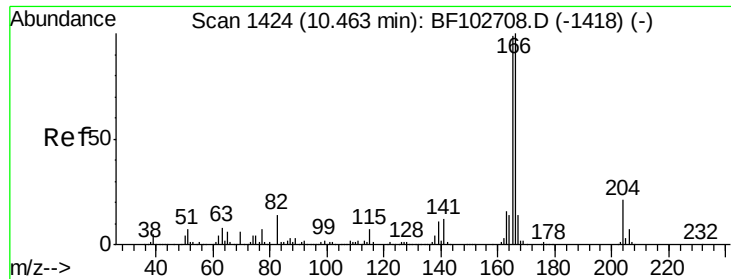
Sohil
2/13/2018 11:25:56 AM



#56
2,4-Dinitrotoluene
Concen: 46.653 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	276500		
63	54.7	36.4	54.6#	
89	77.4	57.8	86.6	
182	2.3	1.6	2.4	





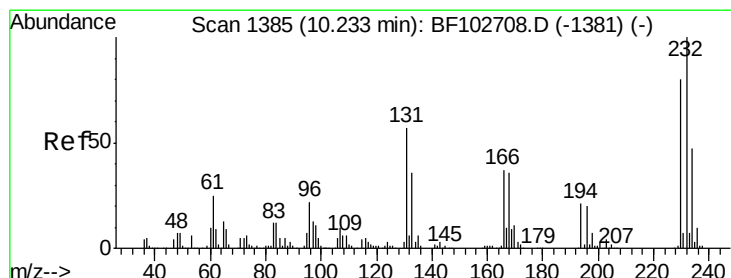
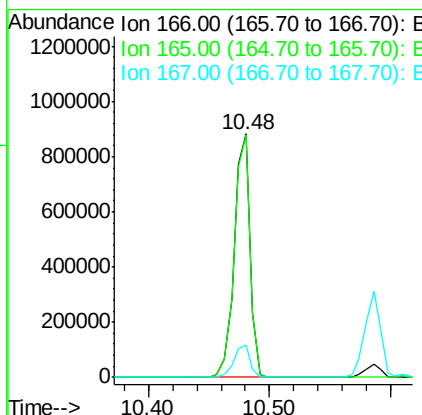
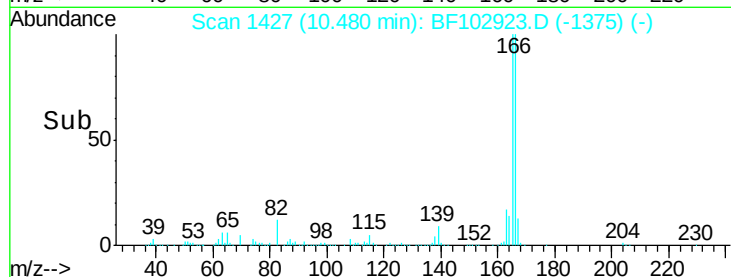
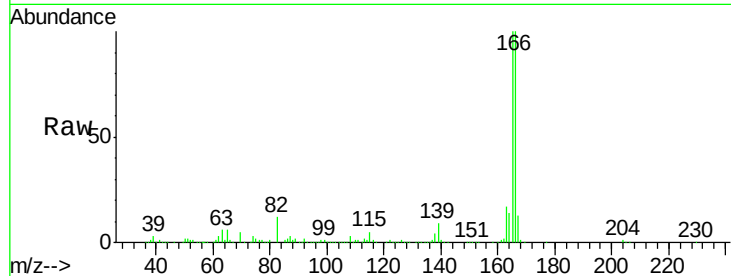
#57
 Fluorene
 Concen: 42.493 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	800995		
165	99.8	79.8	119.8	
167	13.3	10.6	16.0	

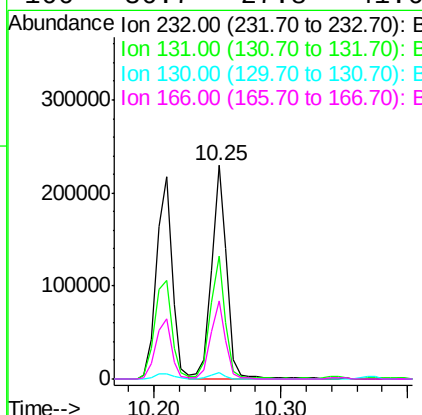
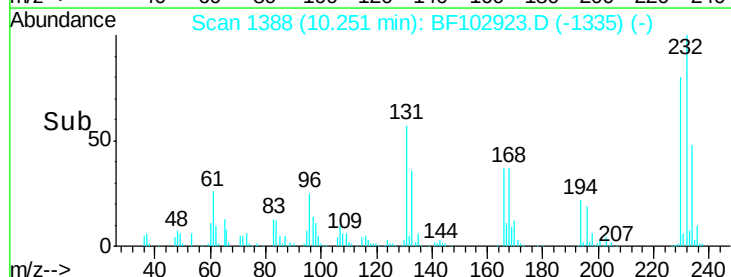
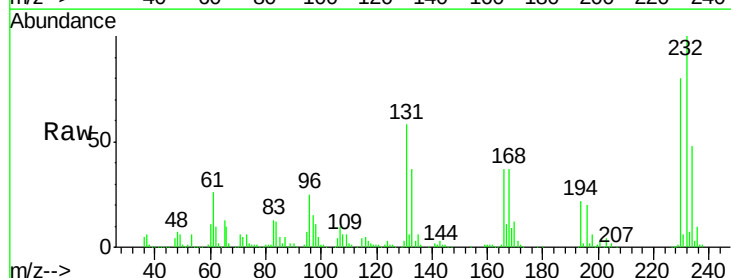
Manual Integrations
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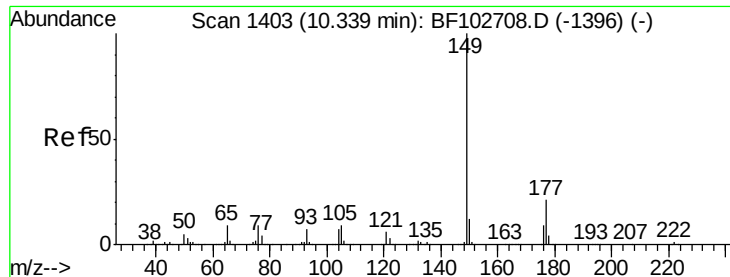
Sohil
 2/13/2018 11:25:56 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.298 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	193067		
131	56.4	43.8	65.8	
130	2.8	2.1	3.1	
166	36.7	27.8	41.6	





#59

Diethylphthalate

Concen: 44.455 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

ClientSampleId :

WAVE-1MSD

Tot Ion:149 Resp: 1021601

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

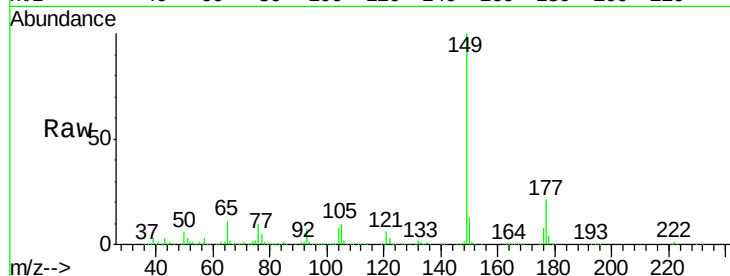
150 12.7 10.1 15.1

Manual Integrations

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Sohil

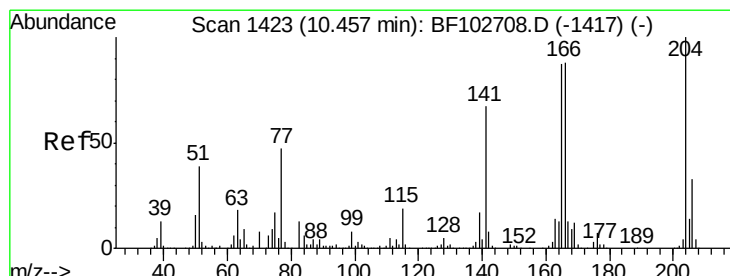
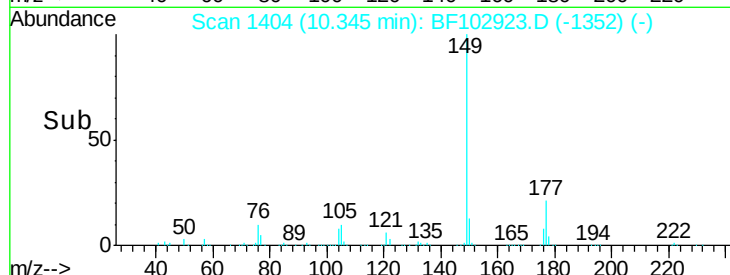
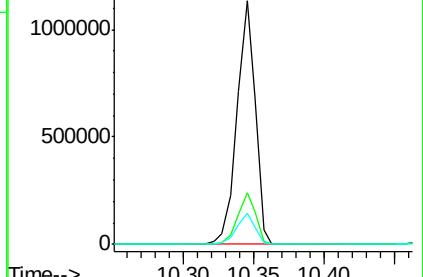
2/13/2018 11:25:56 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.975 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

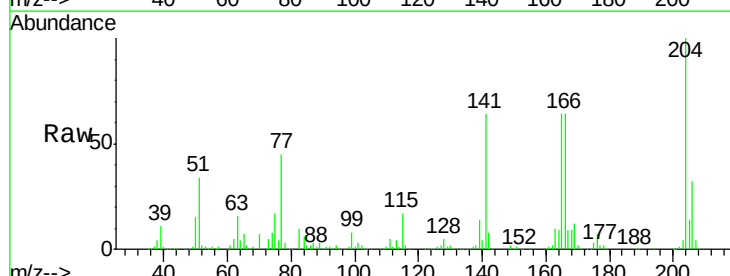
Tgt Ion:204 Resp: 383378

Ion Ratio Lower Upper

204 100

206 32.1 26.5 39.7

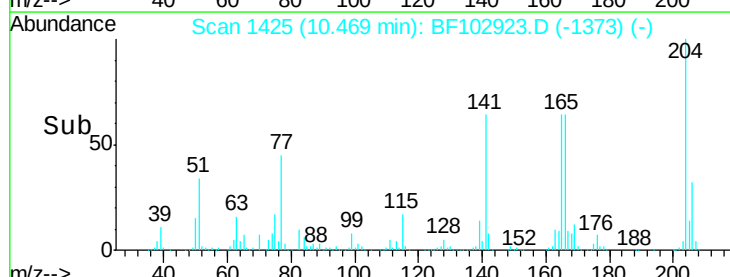
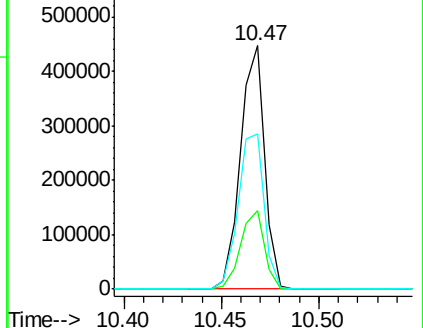
141 63.8 54.6 81.8

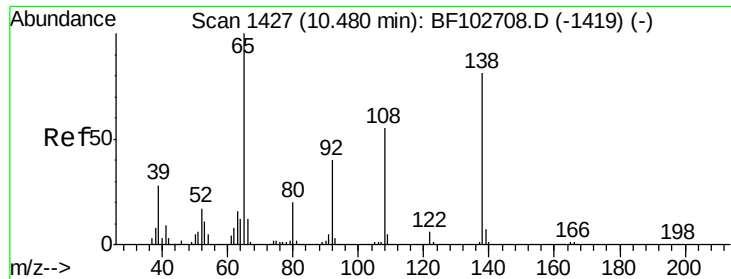


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.107 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

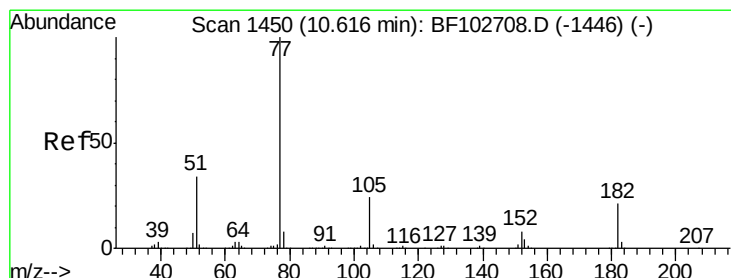
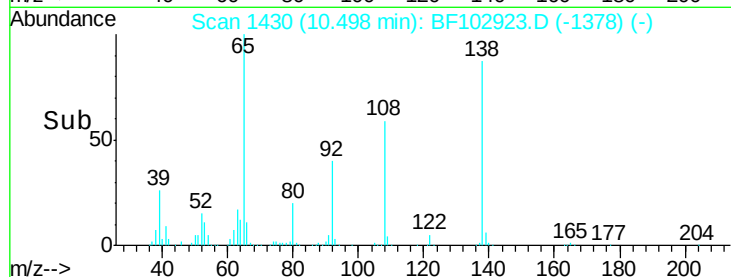
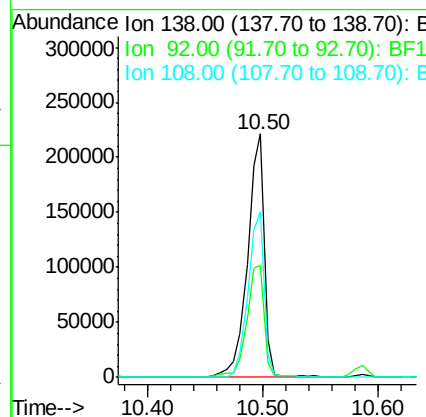
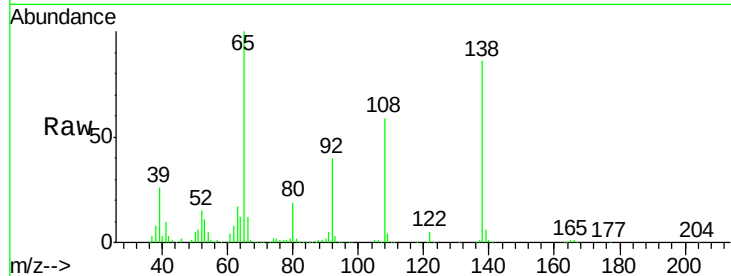
ClientSampleId :

WAVE-1MSD

Tot Ion:	138	Resp:	223550
Ion Ratio	Lower	Upper	
138	100		
92	45.9	30.2	70.2
108	68.2	52.5	92.5

Manual Integrations
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#62

Azobenzene

Concen: 44.054 ng

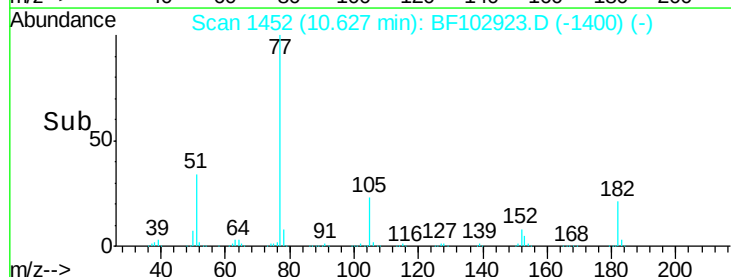
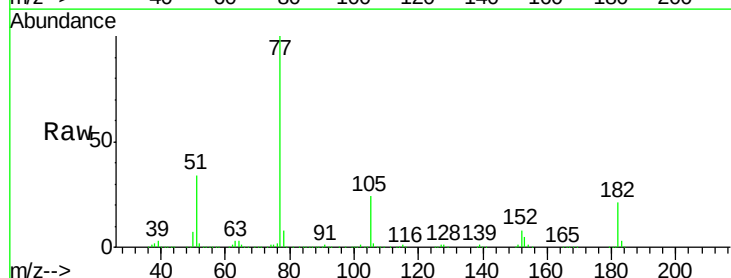
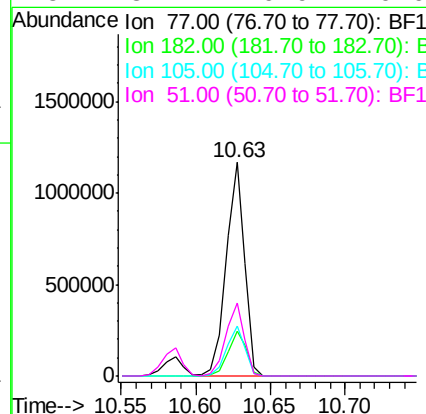
RT: 10.63 min Scan# 1452

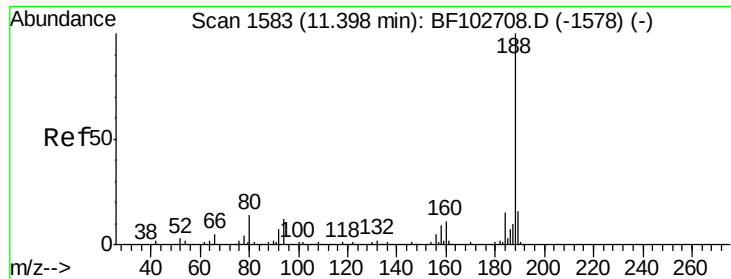
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	77	Resp:	1011380
Ion Ratio	Lower	Upper	
77	100		
182	20.9	1.7	41.7
105	23.6	3.0	43.0
51	34.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

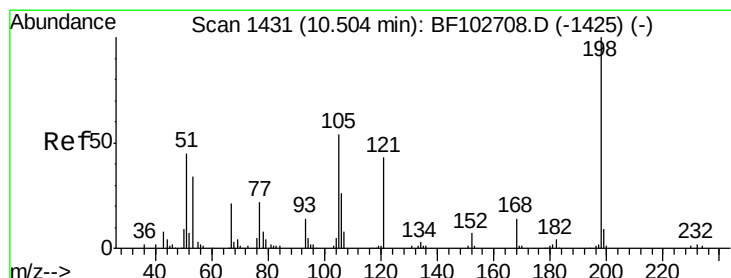
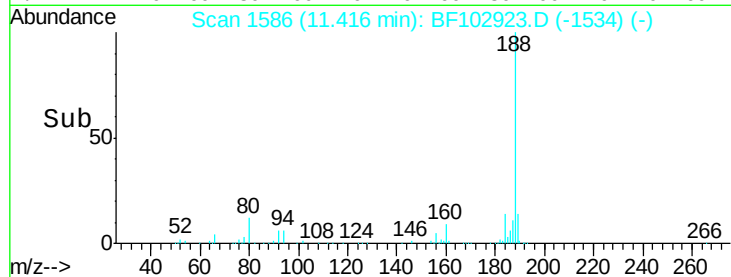
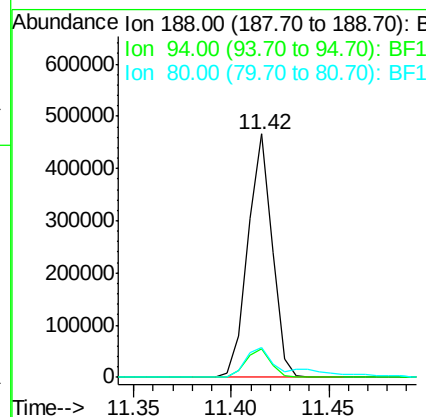
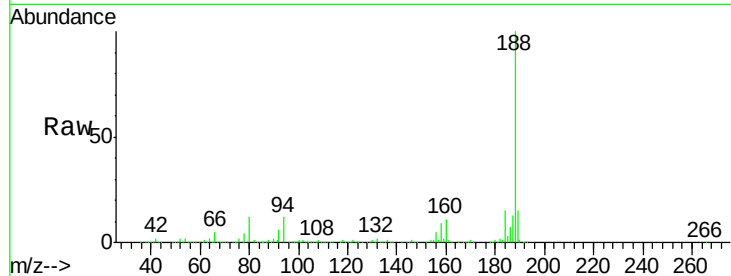
ClientSampleId :

WAVE-1MSD

Tot Ion:	188	Resp:	401532
Ion Ratio	Lower	Upper	
188	100		
94	11.6	8.5	12.7
80	12.3	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 26.398 ng

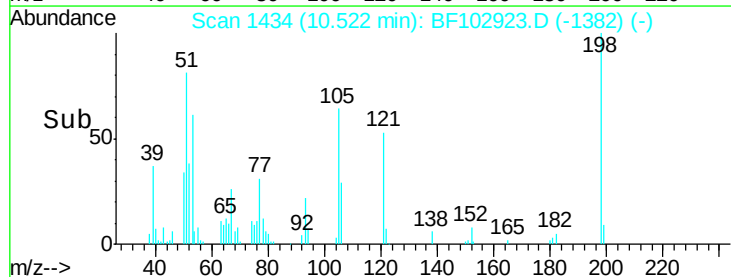
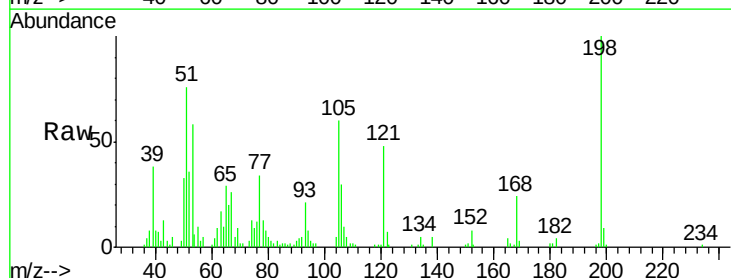
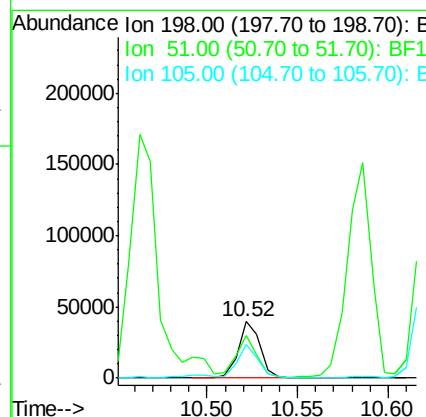
RT: 10.52 min Scan# 1434

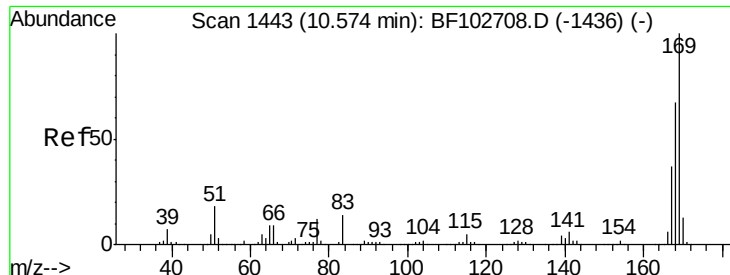
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	198	Resp:	33654
Ion Ratio	Lower	Upper	
198	100		
51	76.0	37.7	77.7
105	60.0	36.3	76.3





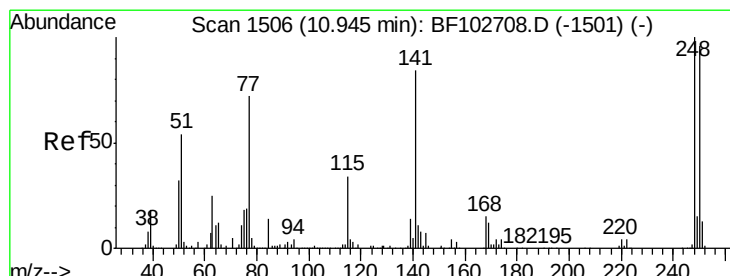
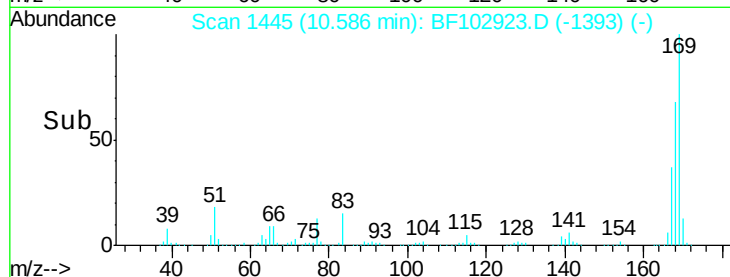
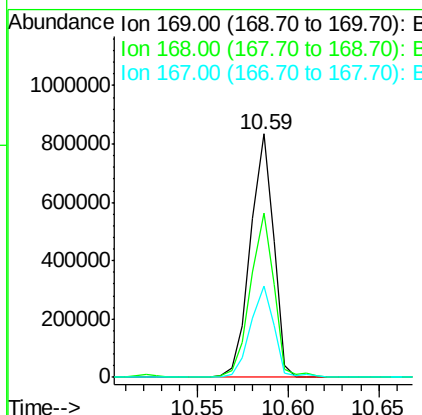
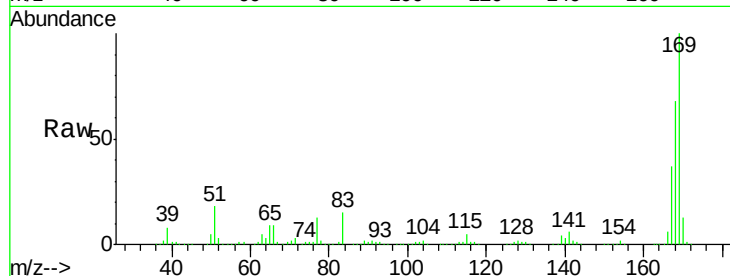
#65
n-Nitrosodiphenylamine
Concen: 52.691 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	746271		
168	67.5	54.4	81.6	
167	37.4	29.8	44.6	

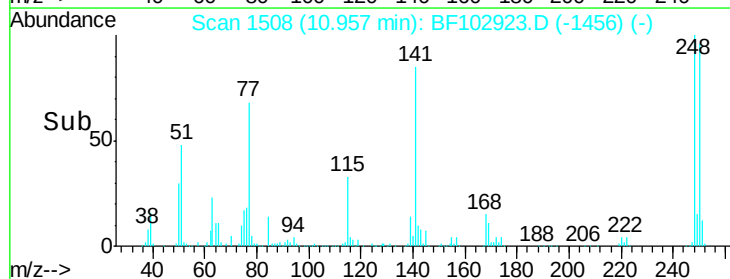
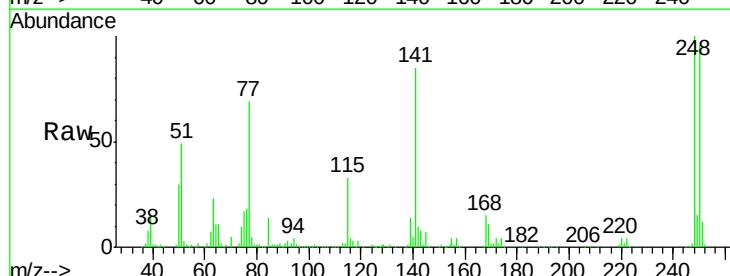
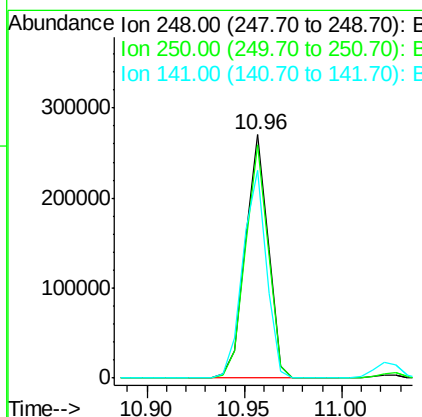
Manual Integrations
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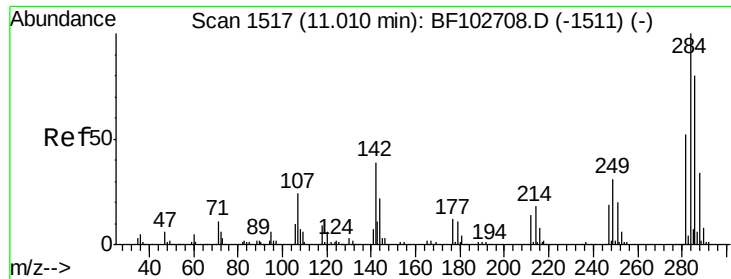
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 51.633 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219308		
250	95.8	76.9	115.3	
141	85.4	74.4	111.6	





#67

Hexachlorobenzene

Concen: 45.119 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

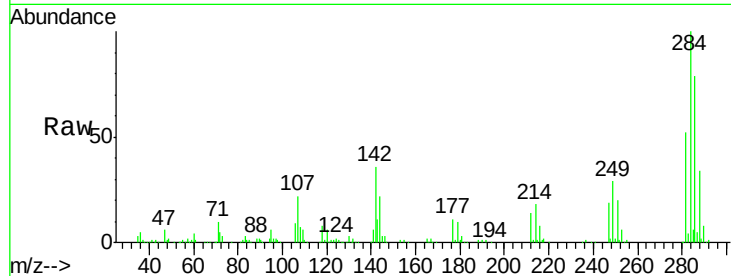
ClientSampleId :

WAVE-1MSD

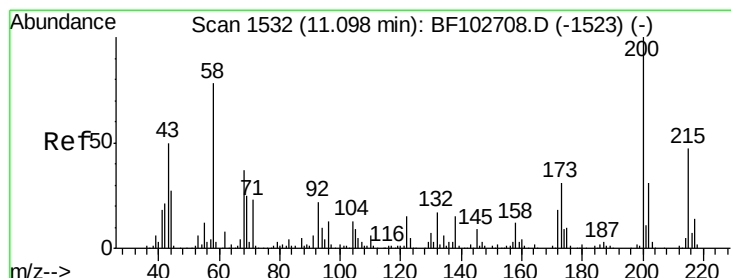
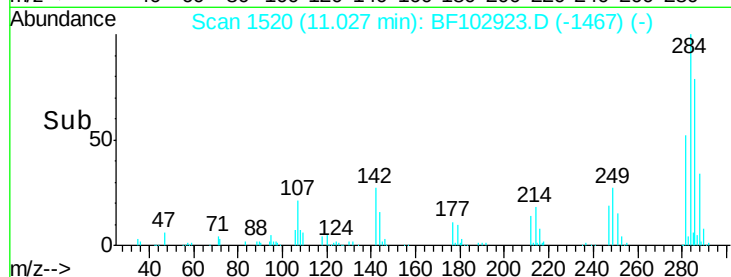
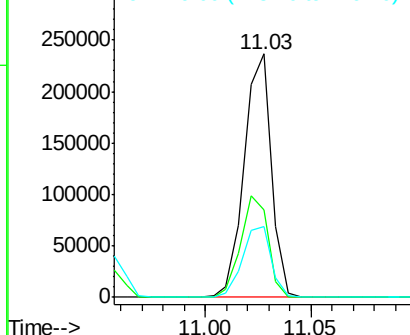
Tot Ion:	284	Resp:	211414
Ion Ratio		Lower	Upper
284	100		
142	36.0	34.6	52.0
249	29.2	24.8	37.2

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



#68

Atrazine

Concen: 50.623 ng

RT: 11.11 min Scan# 1534

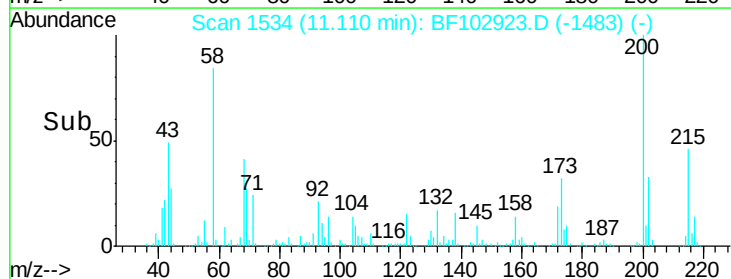
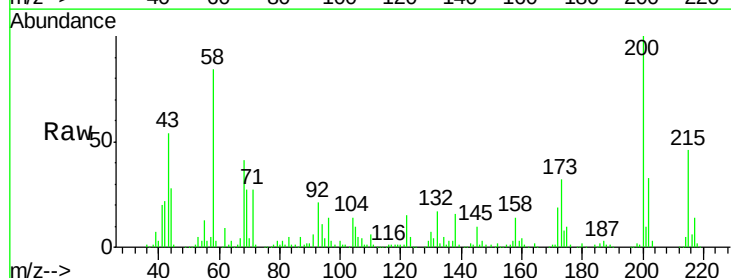
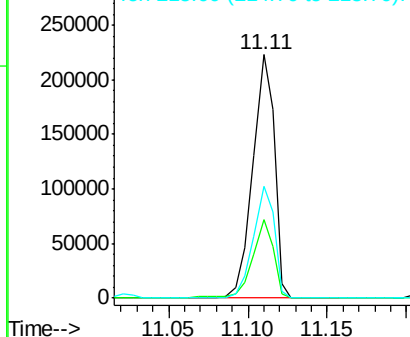
Delta R.T. -0.00 min

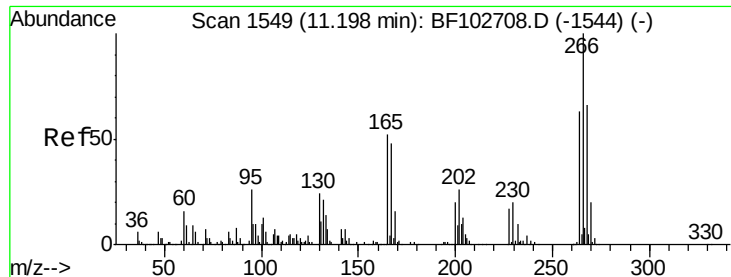
Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	200	Resp:	211519
Ion Ratio		Lower	Upper
200	100		
173	32.2	8.6	48.6
215	45.7	25.1	65.1

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





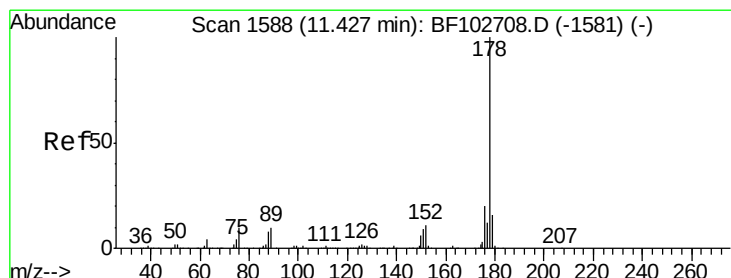
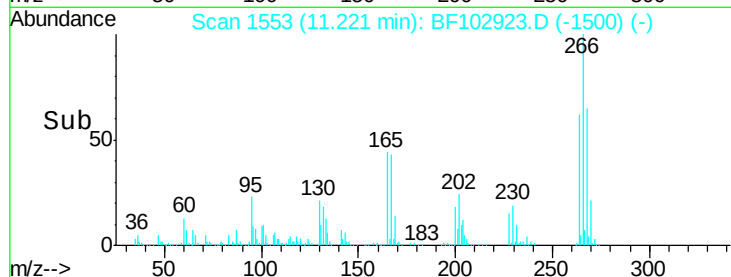
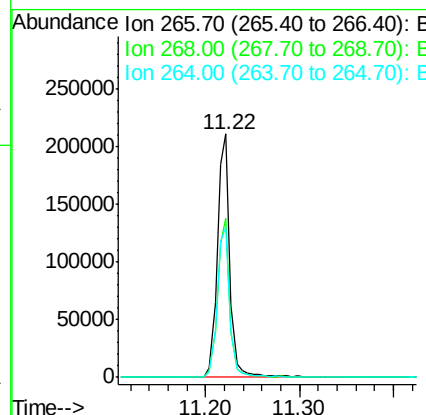
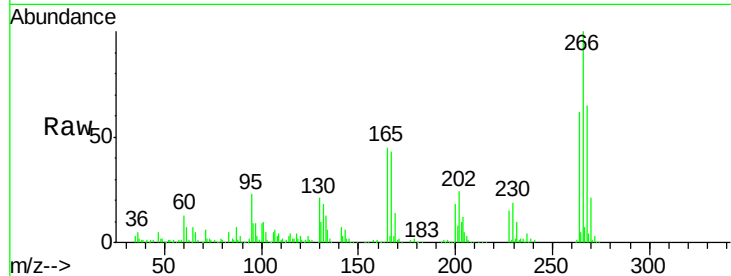
#69
 Pentachlorophenol
 Concen: 73.535 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	202267		
268	65.2	51.1	76.7	
264	61.6	49.5	74.3	

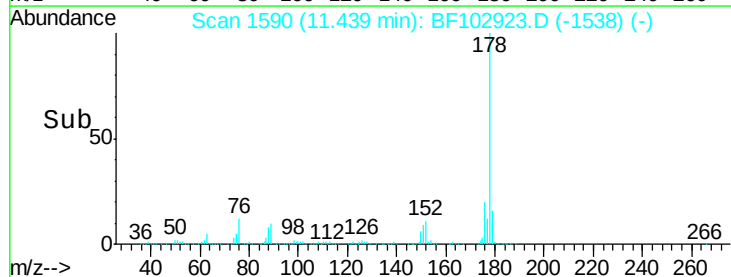
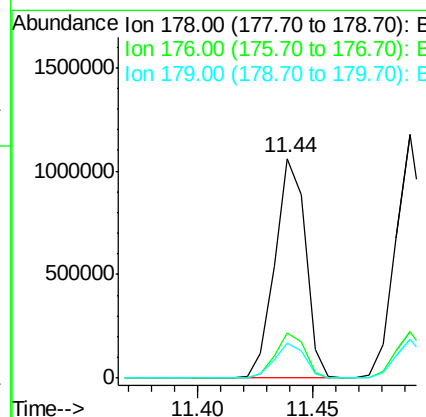
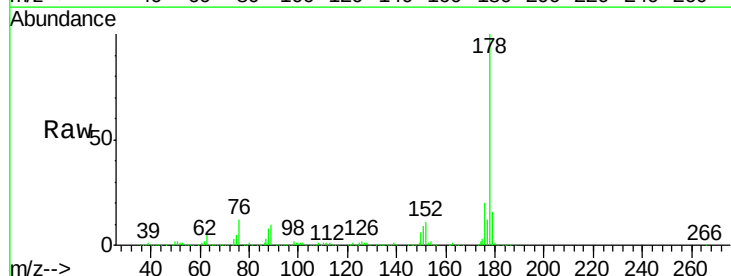
Manual Integrations
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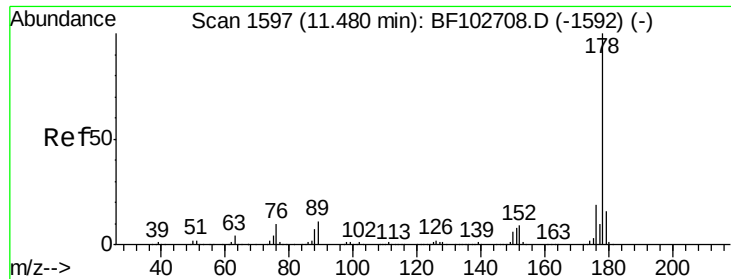
Sohil
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#70
 Phenanthrene
 Concen: 43.703 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	977314		
176	20.4	15.8	23.8	
179	15.9	13.0	19.6	





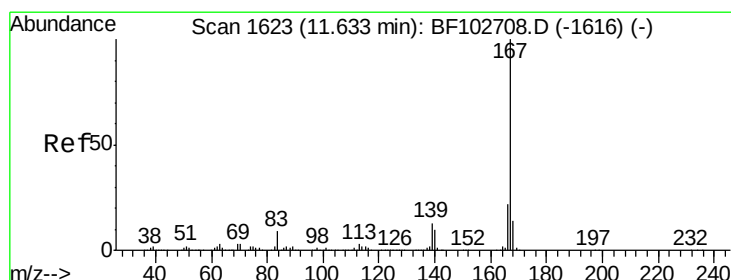
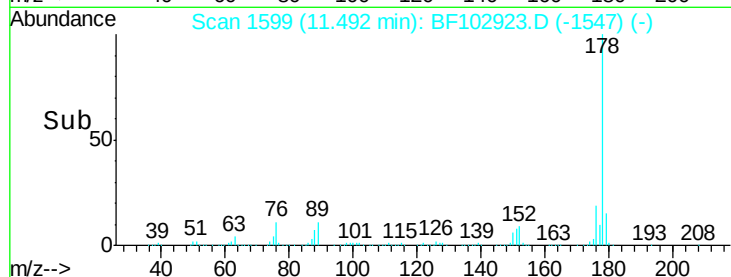
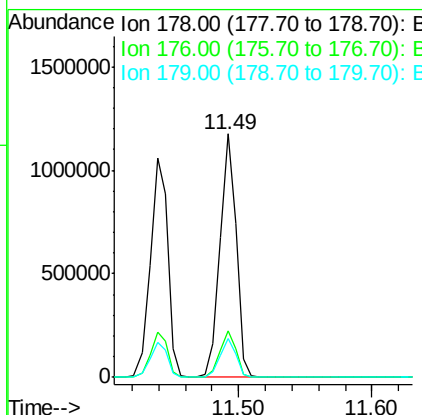
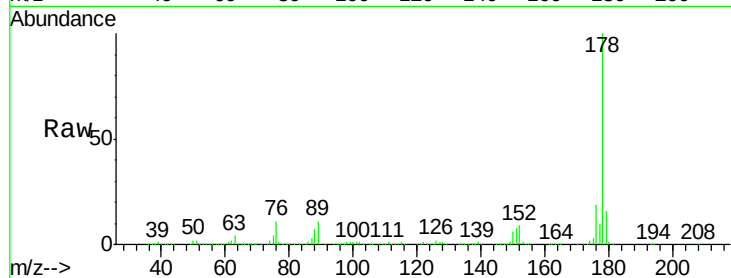
#71
 Anthracene
 Concen: 44.745 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.1	15.4	23.2	
179	15.7	12.6	19.0	

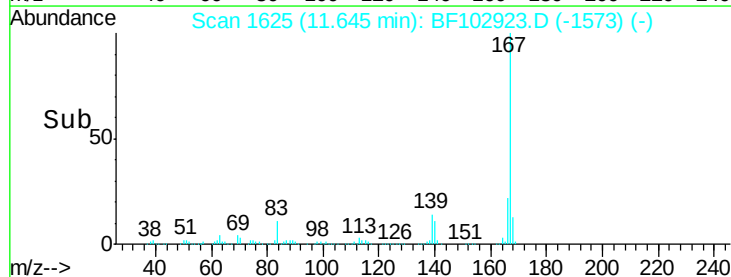
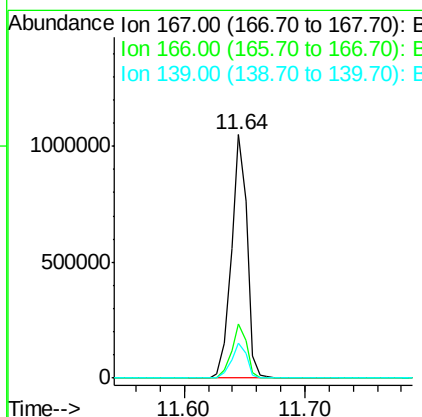
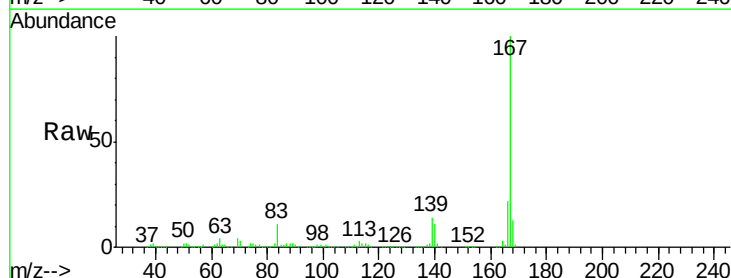
Manual Integrations
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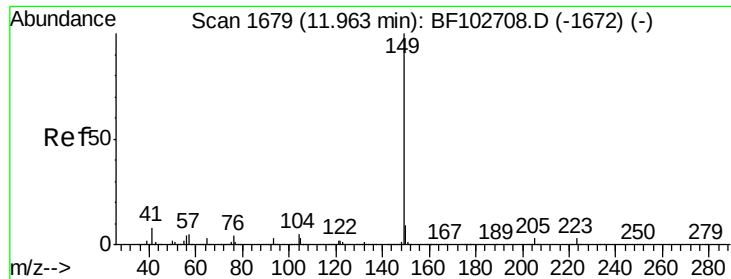
Sohil
 2/13/2018 11:25:56 AM



#72
 Carbazole
 Concen: 42.297 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.6	26.4	
139	14.4	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 49.378 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

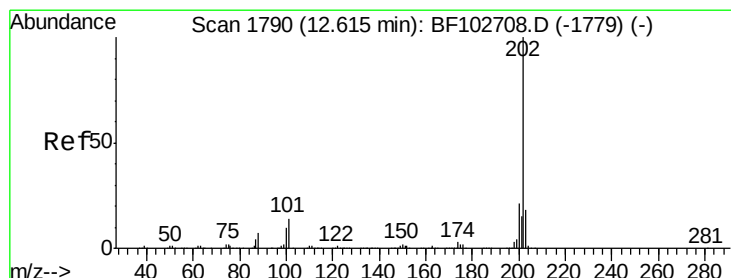
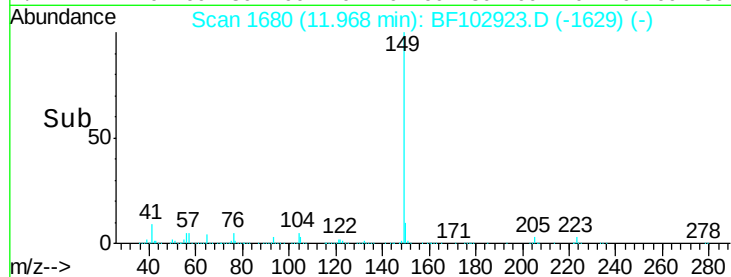
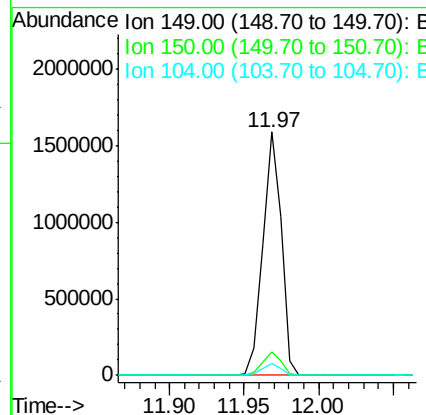
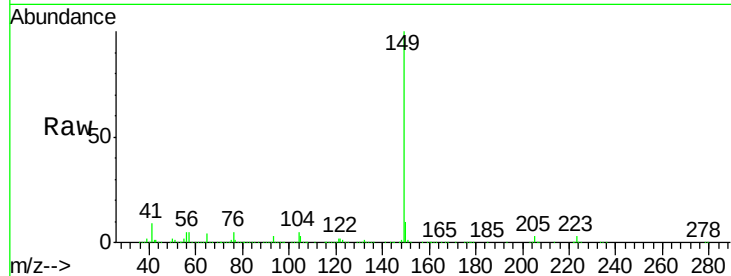
ClientSampleId :

WAVE-1MSD

Tot Ion:	149	Resp:	1336566
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.312 ng

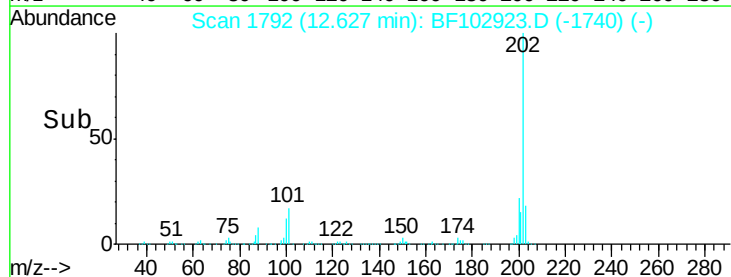
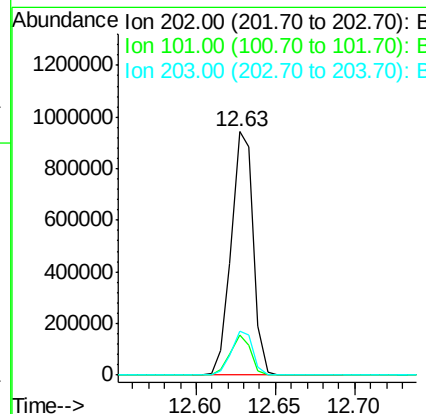
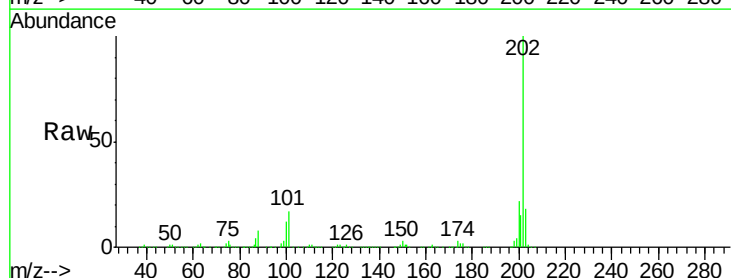
RT: 12.63 min Scan# 1792

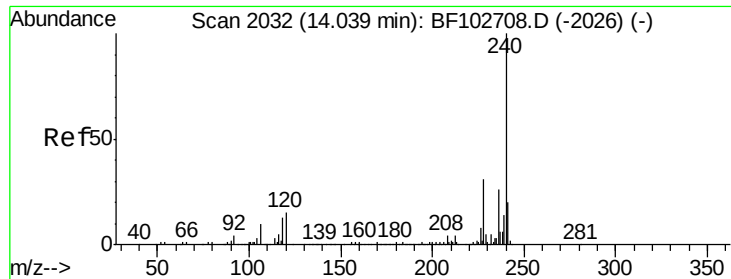
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion:	202	Resp:	907000
Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

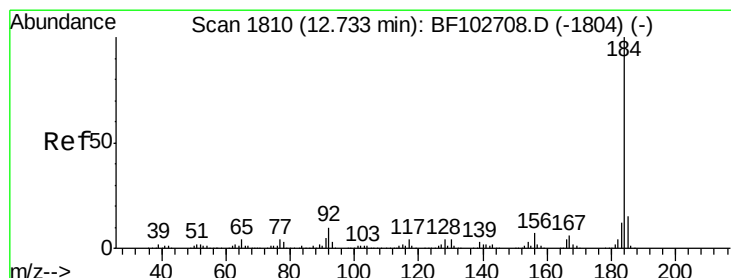
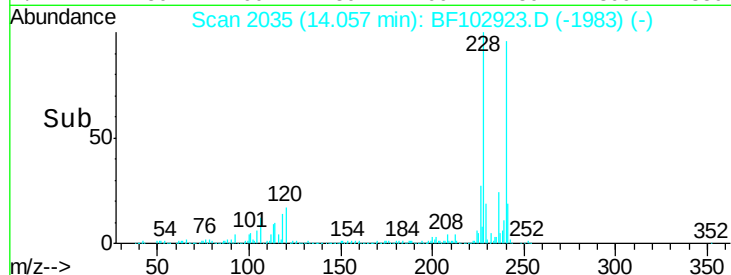
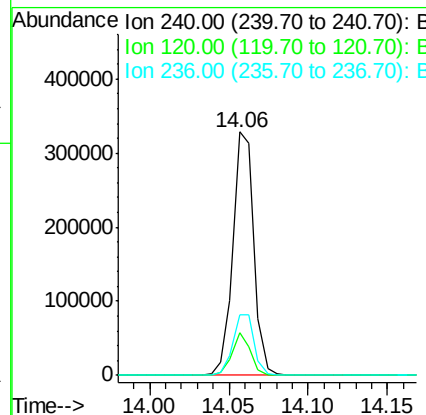
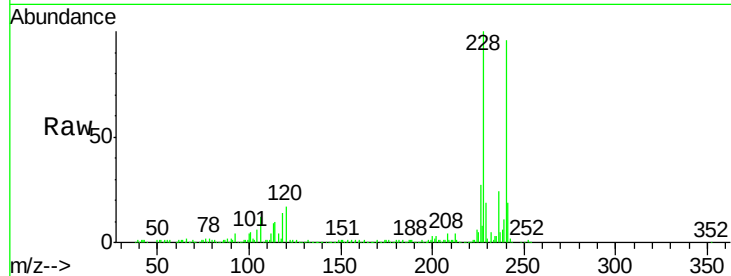
ClientSampleId :

WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.4	9.5	14.3#
236	25.0	20.7	31.1

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#76

Benzidine

Concen: 53.282 ng

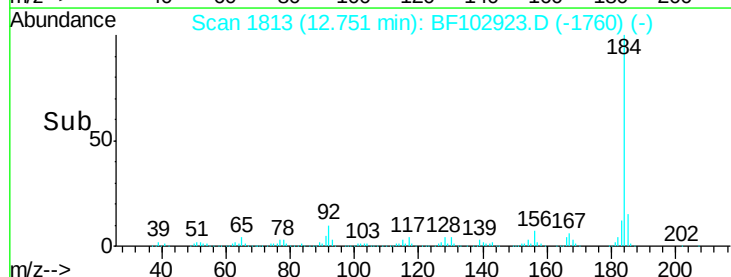
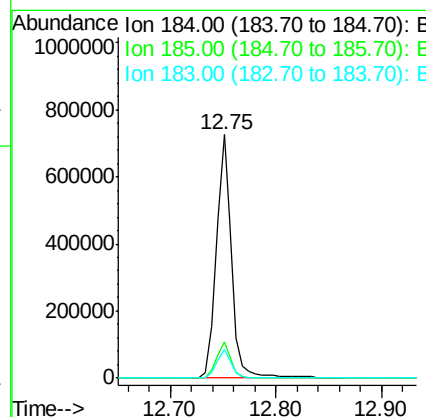
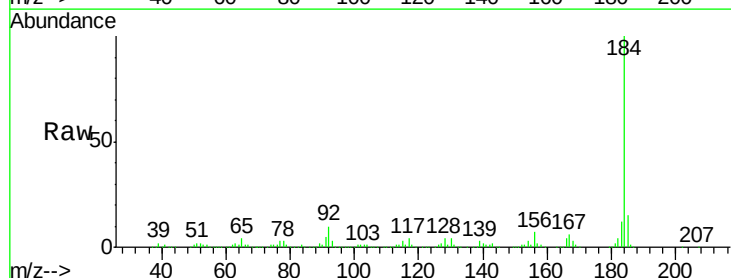
RT: 12.75 min Scan# 1813

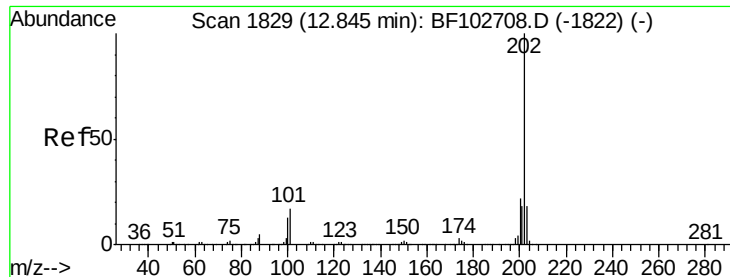
Delta R.T. 0.01 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.9	9.3	13.9





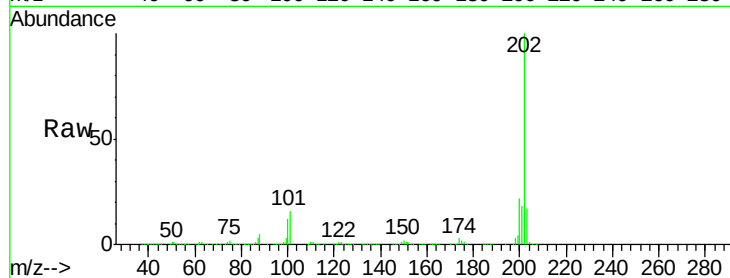
#77
Pvrene
Concen: 39.457 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampled :
WAVE-1MSD

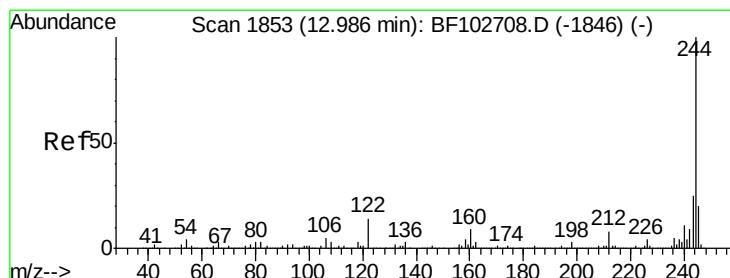
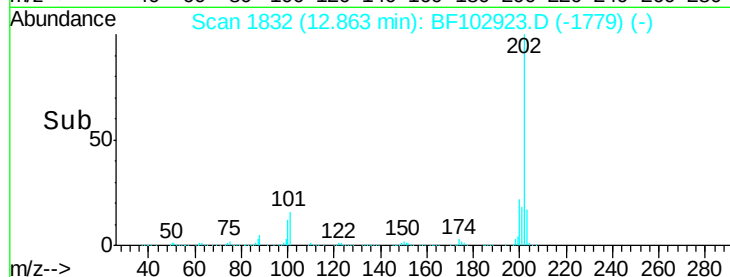
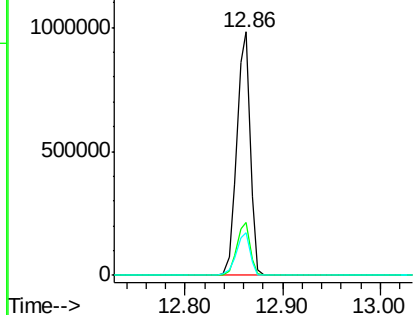
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5

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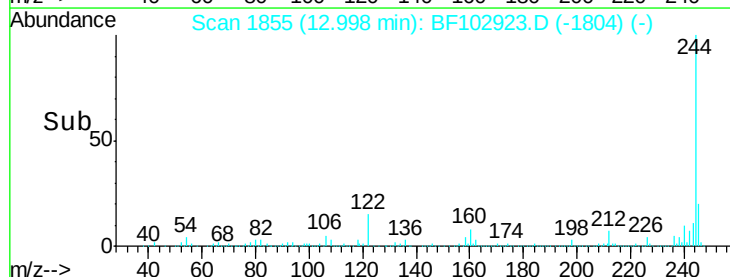
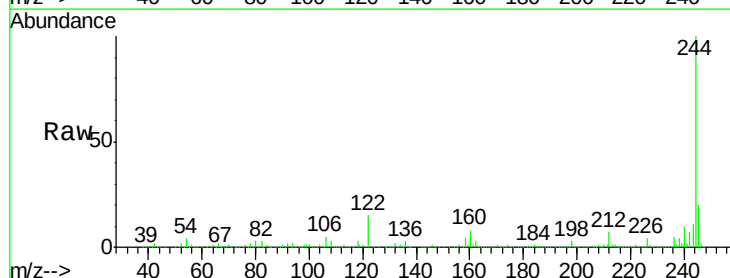
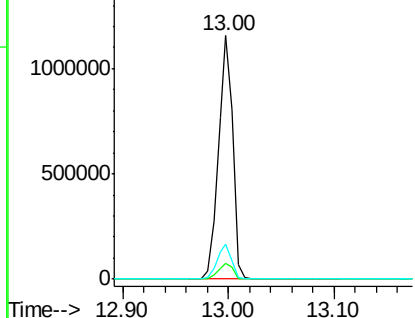
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

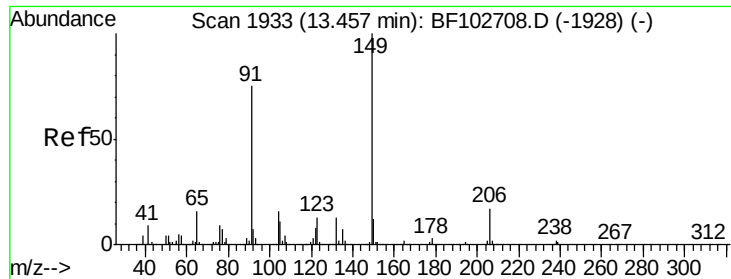


#78
Terphenyl-d14
Concen: 86.718 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.6	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





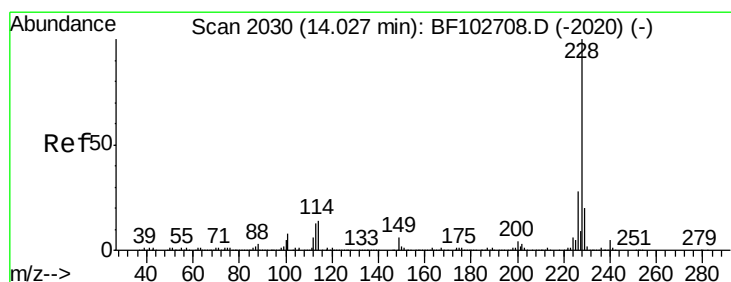
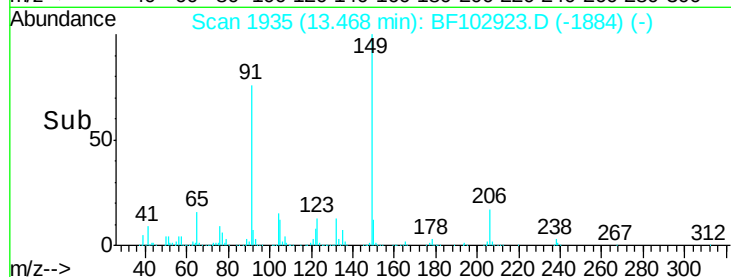
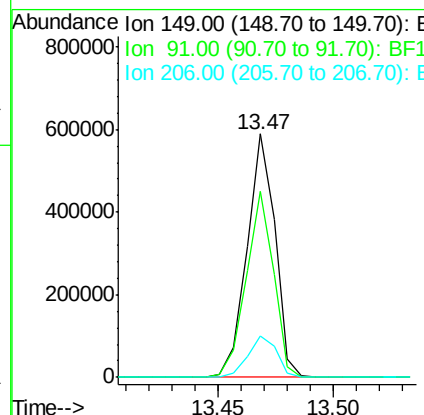
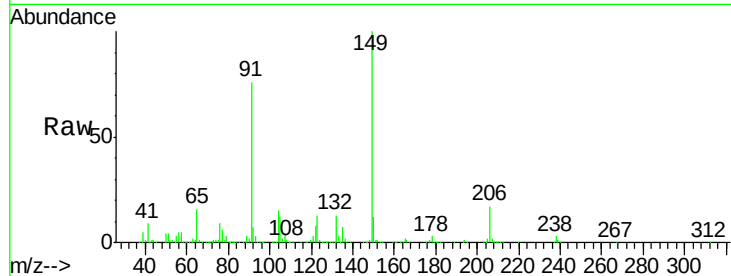
#79
Butylbenzylphthalate
Concen: 44.212 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	17.1	14.1	21.1

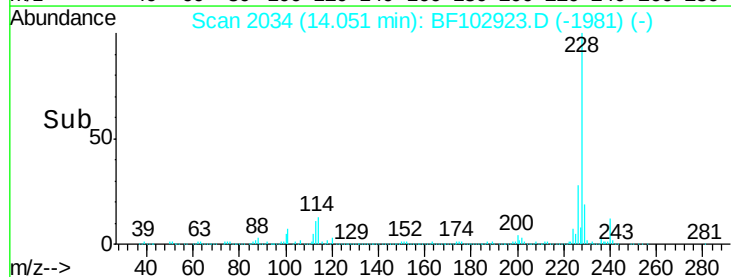
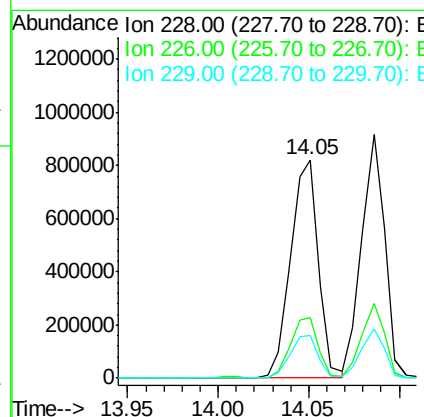
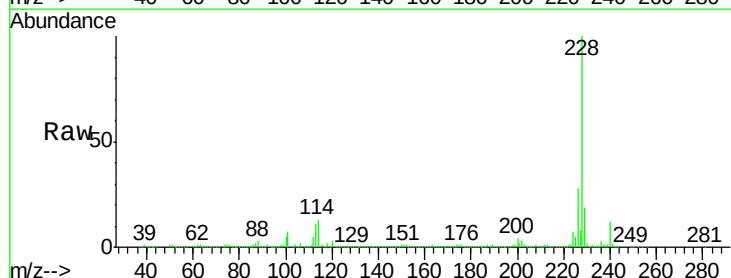
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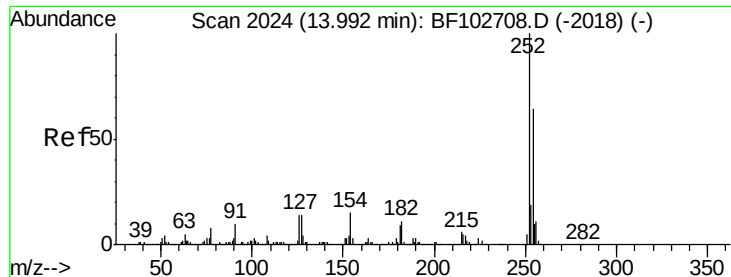
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#80
Benzo(a)anthracene
Concen: 46.239 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.4	15.8	23.6





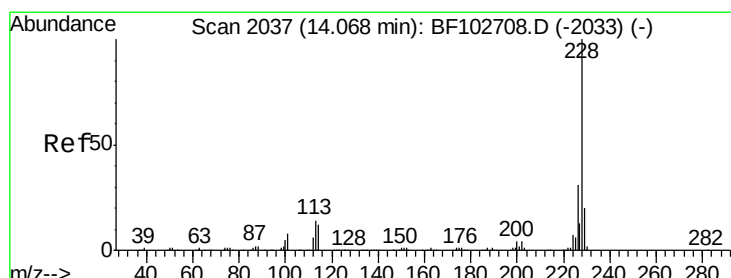
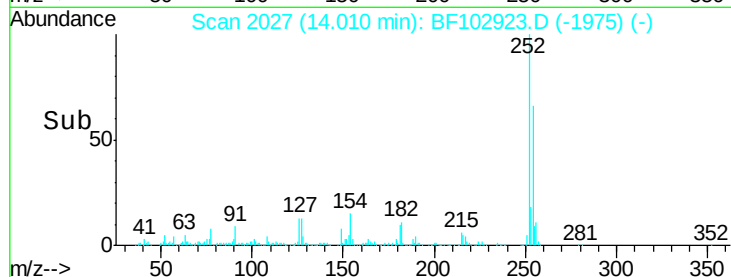
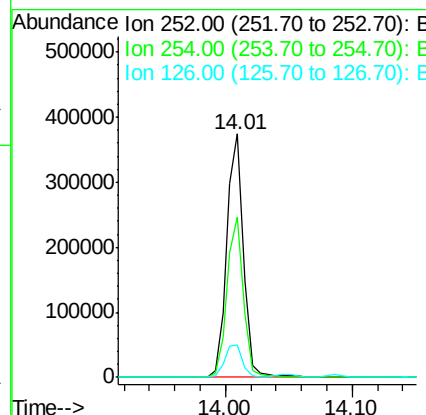
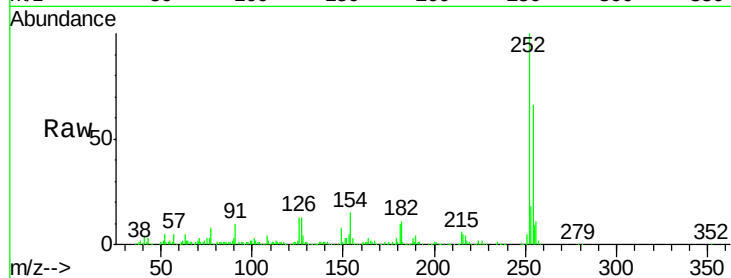
#81
 3,3'-Dichlorobenzidine
 Concen: 48.871 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	13.2	11.3	16.9

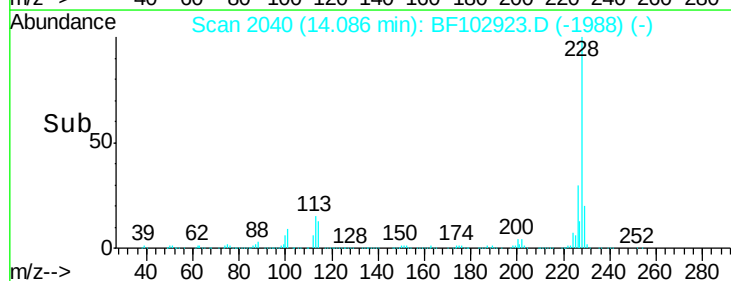
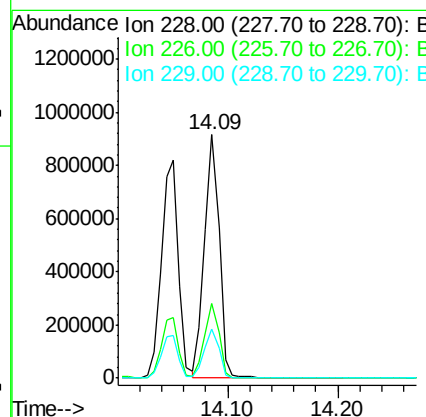
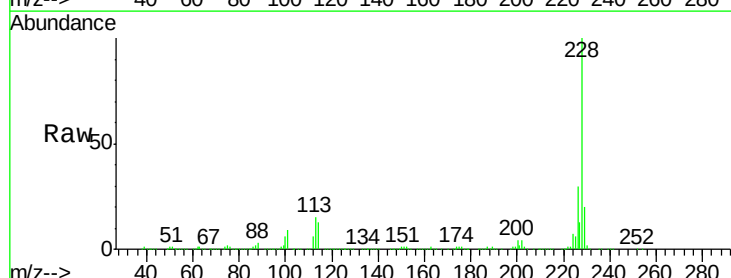
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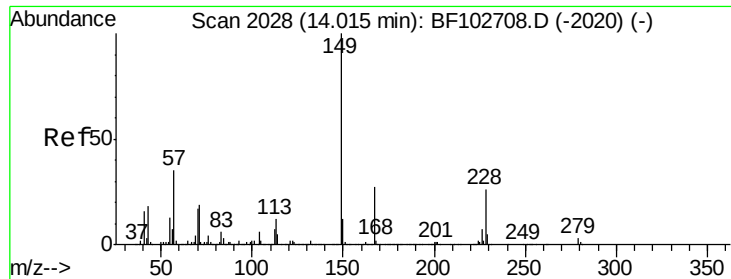
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#82
 Chrysene
 Concen: 42.990 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.1	16.2	24.4





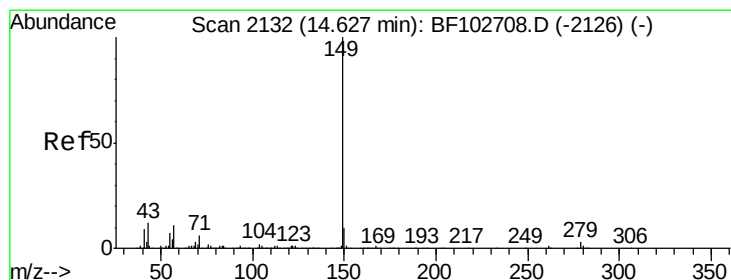
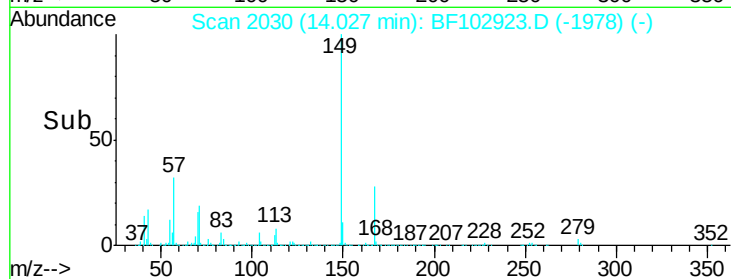
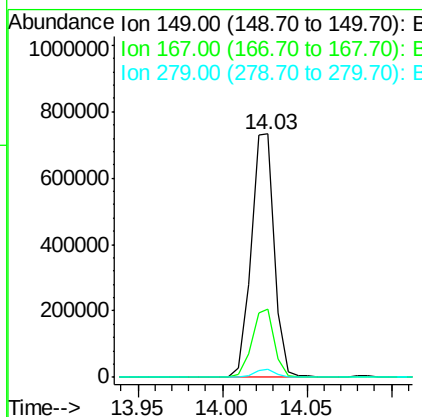
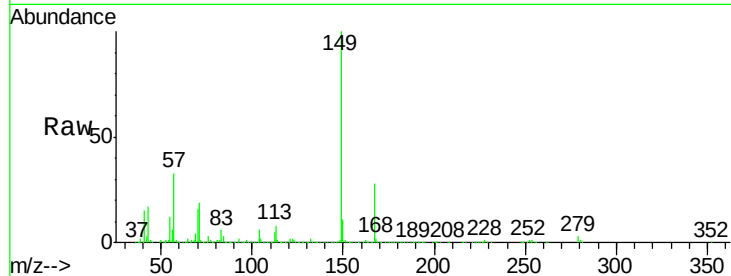
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.447 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	3.3	3.0	4.4

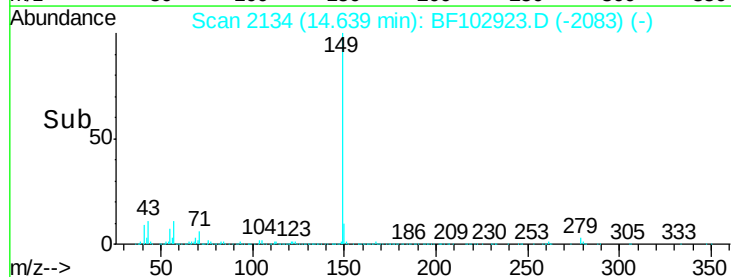
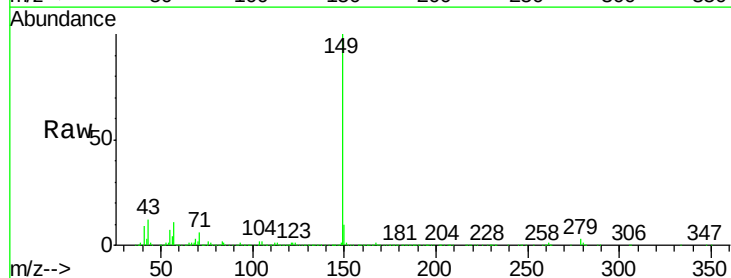
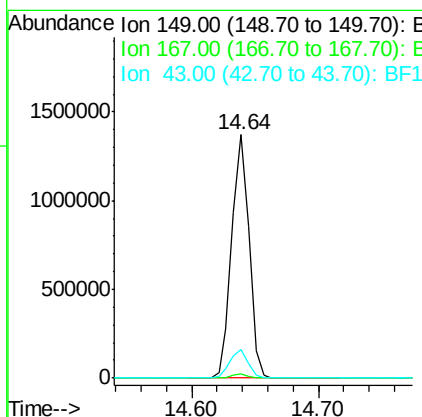
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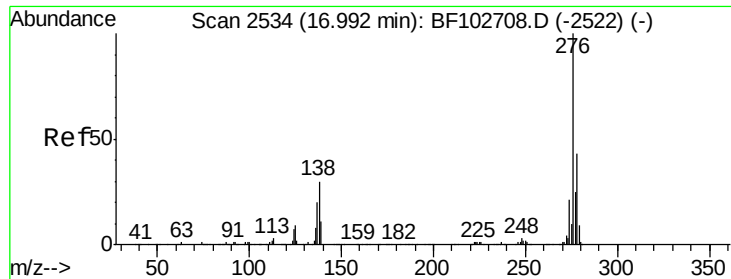
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#84
 Di-n-octyl phthalate
 Concen: 58.989 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6





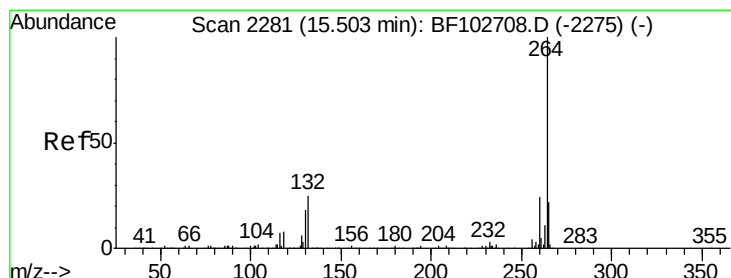
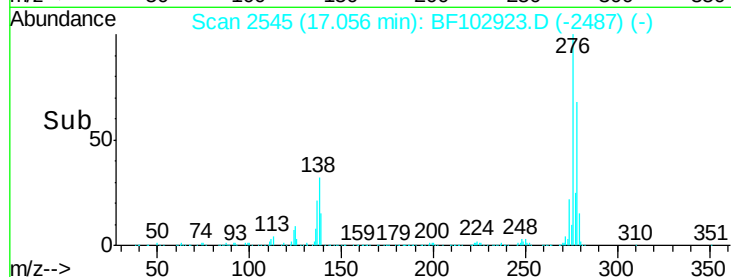
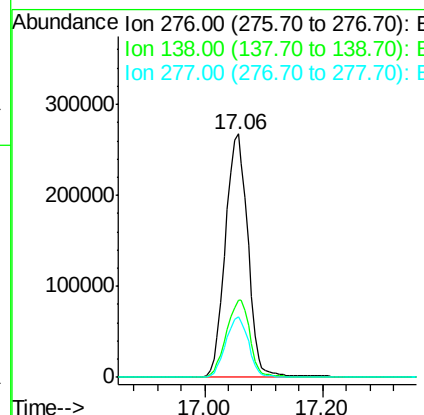
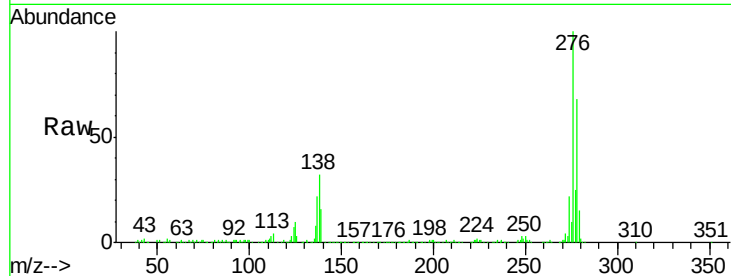
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.011 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.04 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	25.4	20.1	30.1

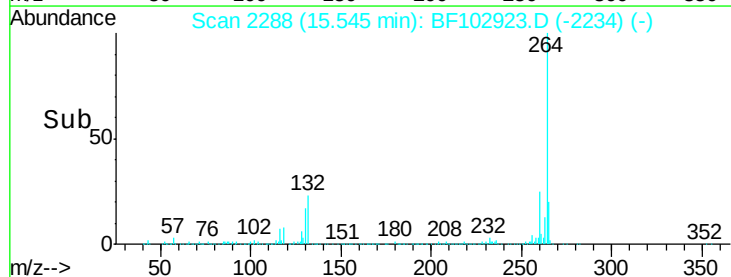
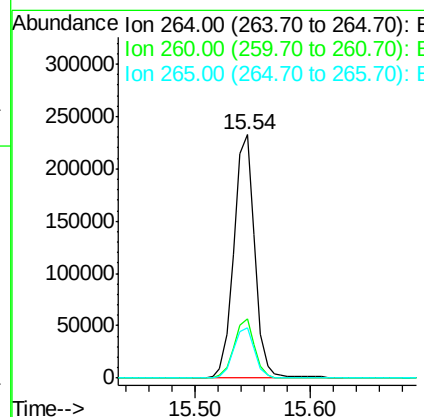
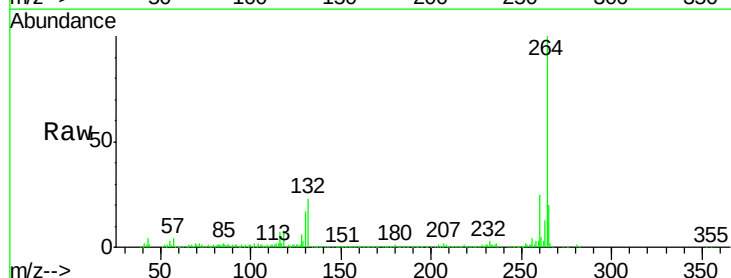
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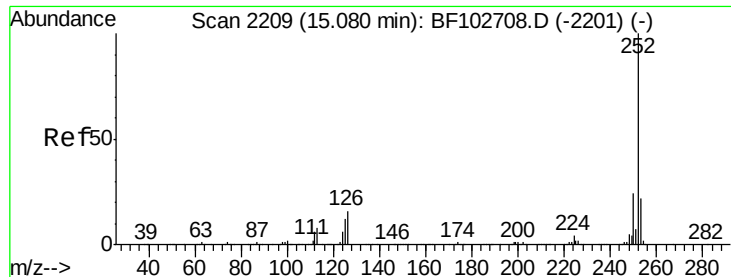
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF102923.D
 Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.5	17.5	26.3





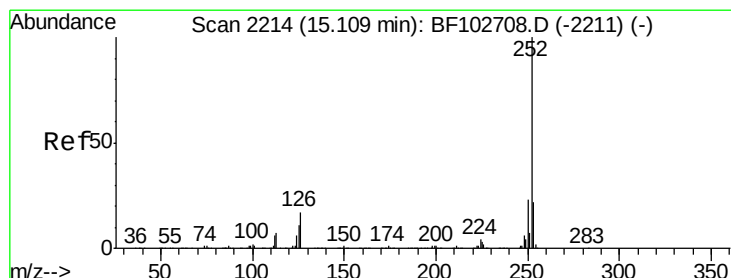
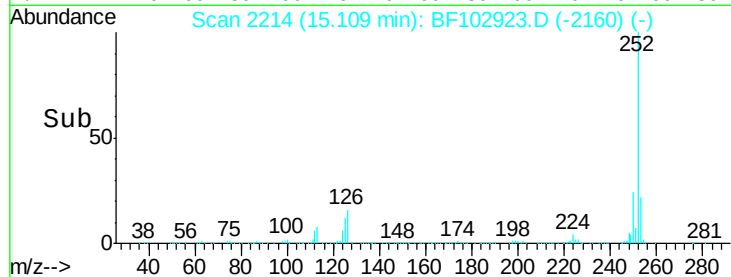
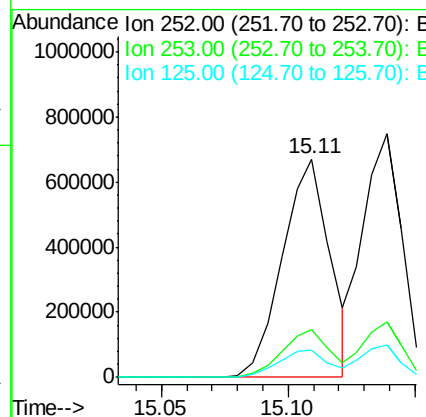
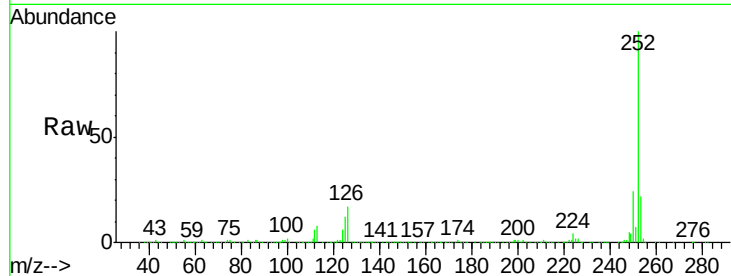
#87
Benzo(b)fluoranthene
Concen: 46.194 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.4	9.0	13.6

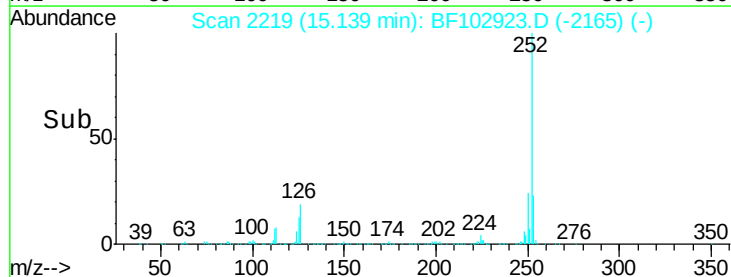
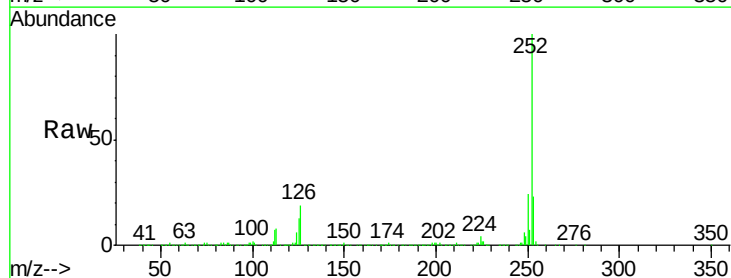
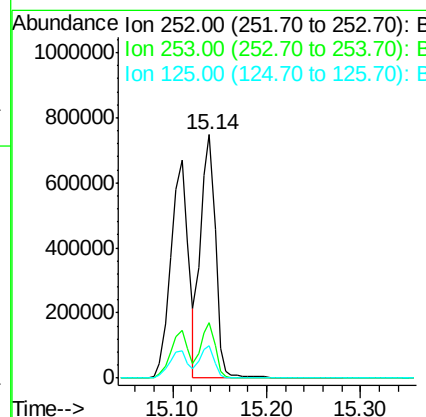
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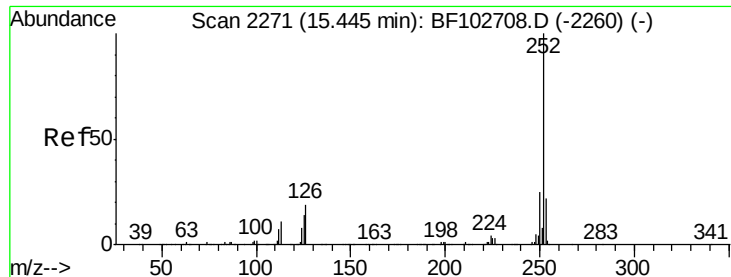
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#88
Benzo(k)fluoranthene
Concen: 45.646 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.1	10.2	15.2





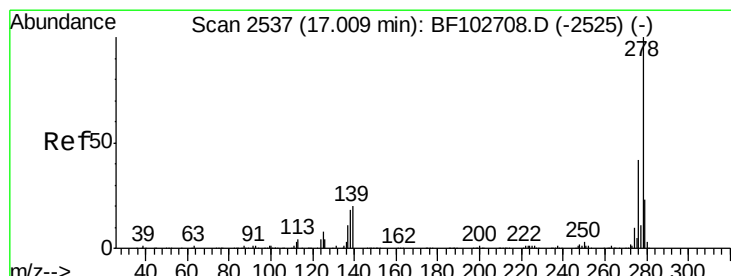
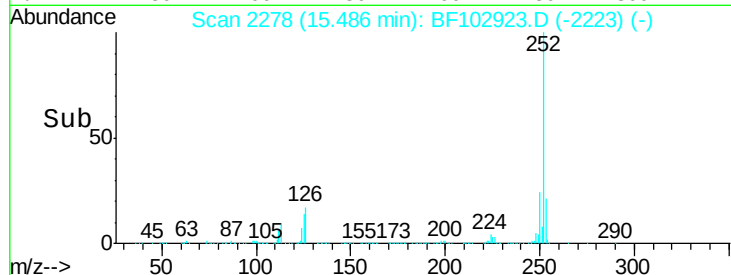
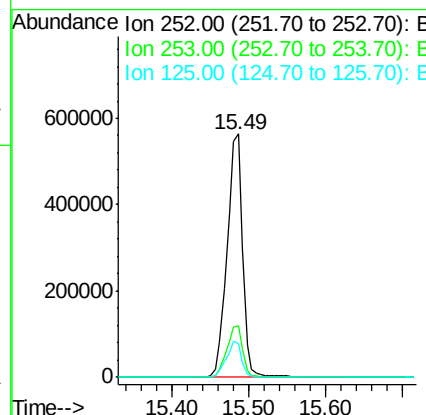
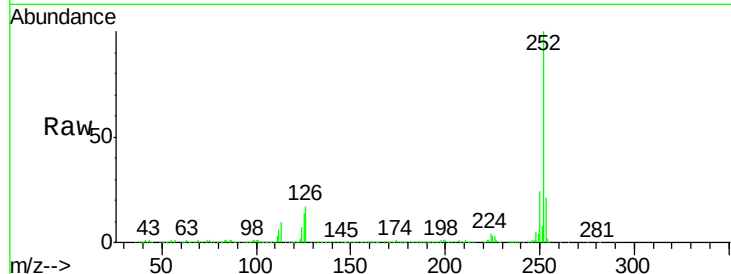
#89
Benzo(a)pyrene
Concen: 46.363 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Instrument :
BNA_F
ClientSampleId :
WAVE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.7	9.8	14.6

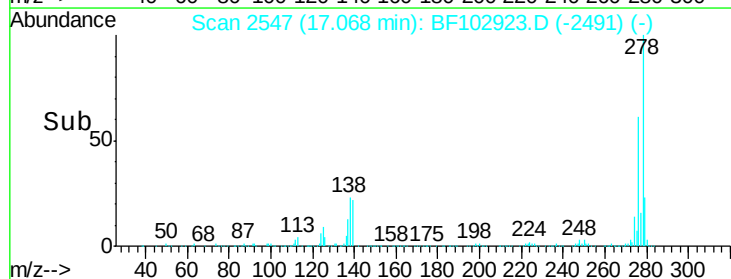
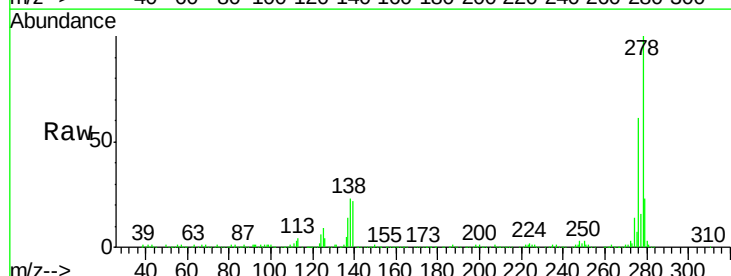
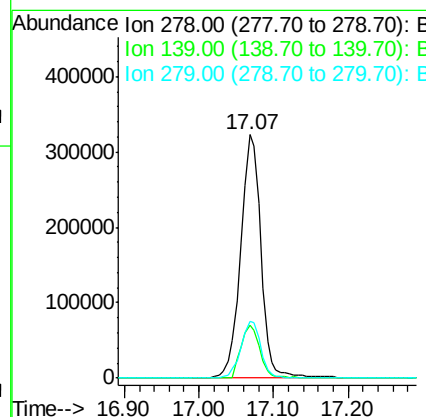
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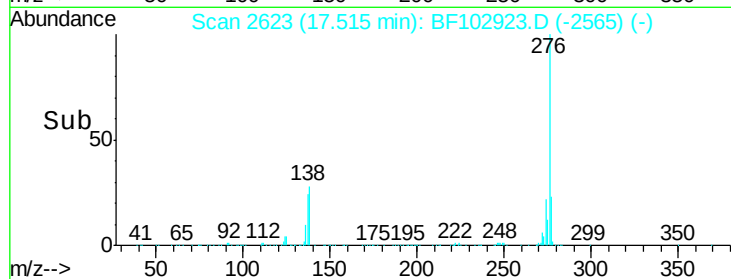
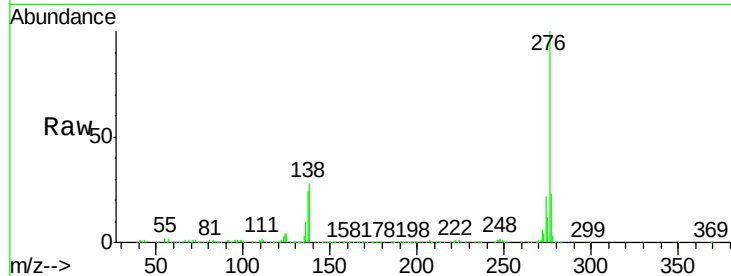
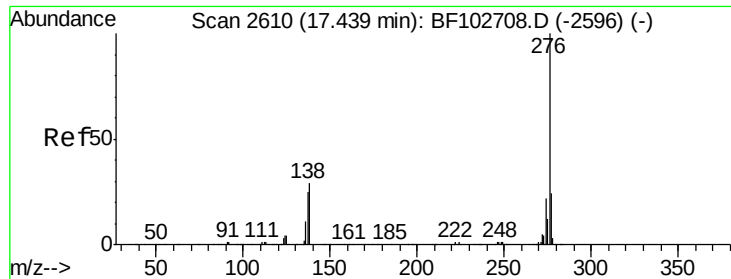
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#90
Dibenzo(a,h)anthracene
Concen: 44.485 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.03 min
Lab File: BF102923.D
Acq: 12 Feb 2018 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.458 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.04 min

Lab File: BF102923.D

Acq: 12 Feb 2018 16:28

Instrument :

BNA_F

ClientSampleId :

WAVE-1MSD

Tot Ion:	276	Resp:	572766
Ion Ratio	Lower	Upper	
276	100		
277	22.9	17.9	26.9
138	27.9	21.8	32.8

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