

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
 Data File : BF110095.D
 Acq On : 23 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5164-08
 Misc : LOQ 20PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Manual Integrations
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Sohil
 10/24/2018 5:12:10 PM

Quant Time: Oct 24 06:02:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151226	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	644500	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	307137	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	587243	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	477470	20.00	ng	-0.02
87) Perylene-d12	15.66	264	384762	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1227355	132.17	ng	-0.01
7) Phenol-d6	6.59	99	1536711	129.37	ng	-0.02
23) Nitrobenzene-d5	7.53	82	888301	81.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	395825	130.10	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1623392	83.00	ng	-0.02
79) Terphenyl-d14	13.09	244	1659064	72.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	82114	16.877	ng	90
3) Pyridine	3.64	79	221076	20.400	ng	88
4) n-Nitrosodimethylamine	3.56	42	97454	21.465	ng	# 93
6) Aniline	6.63	93	289818	18.730	ng	# 53
8) 2-Chlorophenol	6.75	128	214759	20.059	ng	98
9) Benzaldehyde	6.52	77	139119	17.039	ng	97
10) Phenol	6.60	94	253639	19.977	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	206978	19.814	ng	95
12) 1,3-Dichlorobenzene	6.90	146	234989	19.944	ng	99
13) 1,4-Dichlorobenzene	6.98	146	238870	20.046	ng	98
14) 1,2-Dichlorobenzene	7.13	146	223973	20.247	ng	100
15) Benzyl Alcohol	7.10	79	189121	20.701	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343787	20.584	ng	68
17) 2-Methylphenol	7.20	107	177364	20.786	ng	# 81
18) Hexachloroethane	7.47	117	87180	19.983	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	152253	19.980	ng	96
20) 3+4-Methylphenols	7.36	107	231662	21.004	ng	94
22) Acetophenone	7.37	105	306895	20.665	ng	98
24) Nitrobenzene	7.55	77	228120	20.334	ng	94
25) Isophorone	7.78	82	416603	22.492	ng	95
26) 2-Nitrophenol	7.86	139	104399	19.556	ng	97
27) 2,4-Dimethylphenol	7.89	122	199293	22.517	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	264449	21.017	ng	100
29) 2,4-Dichlorophenol	8.10	162	183755	20.550	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	196082	19.577	ng	96
31) Naphthalene	8.27	128	650083	21.885	ng	99
32) Benzoic acid	7.97	122	98823	14.446	ng	95
33) 4-Chloroaniline	8.32	127	231878	17.345	ng	96
34) Hexachlorobutadiene	8.38	225	108594	19.527	ng	99
35) Caprolactam	8.67	113	57178	18.346	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	193992	20.062	ng	94
37) 2-Methylnaphthalene	8.96	142	447553	22.772	ng	97
38) 1-Methylnaphthalene	9.06	142	424125	22.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	187951	19.640	ng	99

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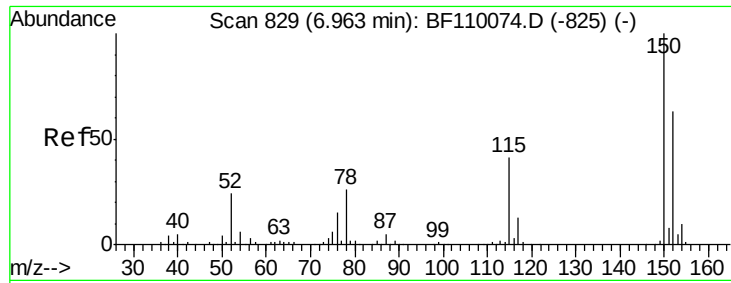
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	112235	22.936	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	121240	19.642	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	130925	20.067	ng	94
46) 1,1'-Biphenyl	9.42	154	543478	19.568	ng	99
47) 2-Chloronaphthalene	9.45	162	416869	20.462	ng	100
48) 2-Nitroaniline	9.55	65	124944	20.238	ng	91
49) Acenaphthylene	9.87	152	647375	22.000	ng	98
50) Dimethylphthalate	9.72	163	467714	20.629	ng	98
51) 2,6-Dinitrotoluene	9.79	165	103890	21.273	ng	86
52) Acenaphthene	10.04	154	413620	21.247	ng	98
53) 3-Nitroaniline	9.96	138	95761	16.489	ng	87
54) 2,4-Dinitrophenol	10.06	184	31683	20.464	ng	90
55) Dibenzofuran	10.21	168	572956	21.022	ng	98
56) 4-Nitrophenol	10.10	139	89687	20.866	ng	92
57) 2,4-Dinitrotoluene	10.19	165	136497	22.005	ng	92
58) Fluorene	10.56	166	448619	22.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	111058m	20.883	ng	
60) Diethylphthalate	10.42	149	460690	20.816	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	216781	20.258	ng	98
62) 4-Nitroaniline	10.57	138	115296	19.960	ng	91
63) Azobenzene	10.70	77	470387	21.412	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	45953	17.128	ng	97
66) n-Nitrosodiphenylamine	10.66	169	399683	20.750	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	128978	20.248	ng	98
68) Hexachlorobenzene	11.10	284	135835	20.098	ng	94
69) Atrazine	11.19	200	129522	21.278	ng	98
70) Pentachlorophenol	11.30	266	62135	15.766	ng	96
71) Phenanthrene	11.52	178	683583	22.247	ng	100
72) Anthracene	11.57	178	705413	22.904	ng	99
73) Carbazole	11.73	167	611504	20.335	ng	100
74) Di-n-butylphthalate	12.05	149	726183	21.381	ng	98
75) Fluoranthene	12.72	202	695325	22.297	ng	99
77) Benzidine	12.83	184	213355	11.571	ng	98
78) Pyrene	12.94	202	697220	20.368	ng	99
80) Butylbenzylphthalate	13.55	149	300174	20.204	ng	98
81) Benzo(a)anthracene	14.13	228	606681	21.426	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	159829	16.210	ng	99
83) Chrysene	14.17	228	579279	21.540	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	419639	20.894	ng	97
85) Di-n-octyl phthalate	14.73	149	668006	21.390	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	445717	19.978	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	516683	23.255	ng	98
89) Benzo(k)fluoranthene	15.24	252	479545	21.954	ng	99
90) Benzo(a)pyrene	15.60	252	451238	22.071	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	372461	21.114	ng	97
92) Benzo(g,h,i)perylene	17.69	276	359807	20.698	ng	97

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



#1

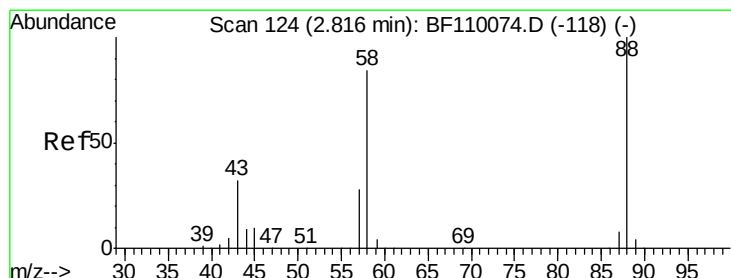
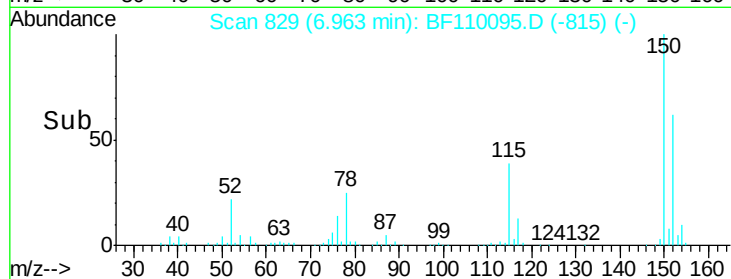
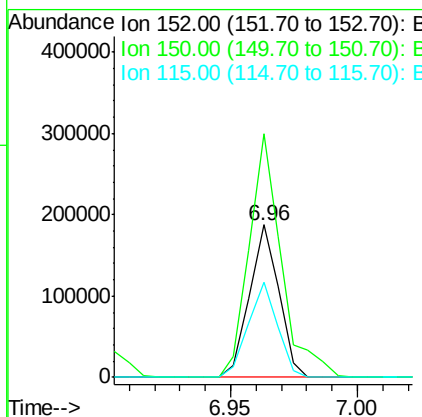
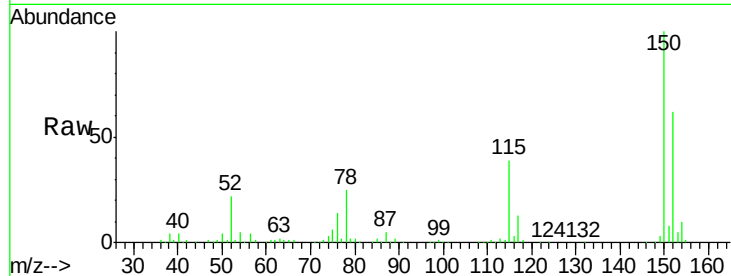
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	62.2	49.1	73.7

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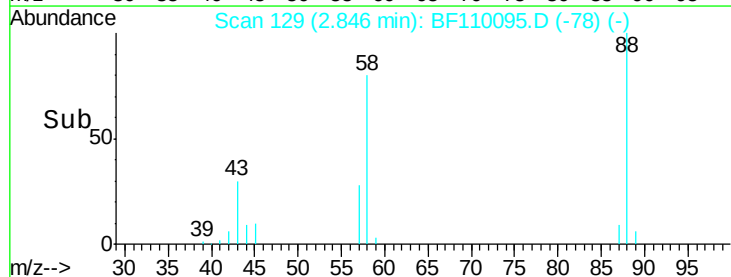
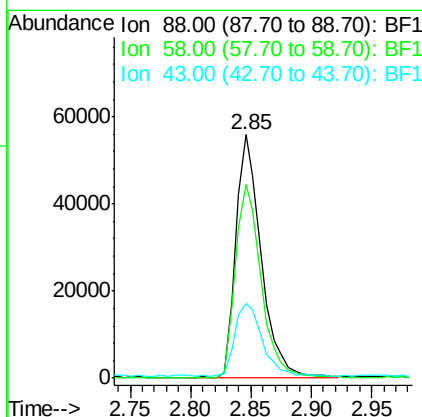
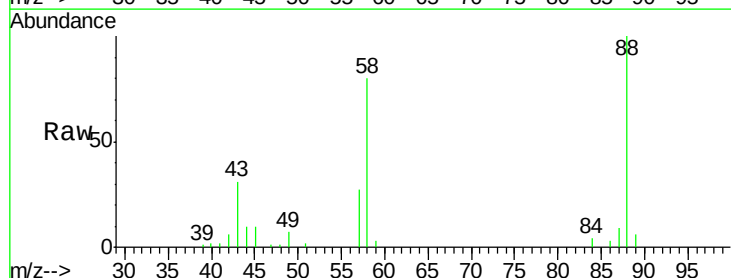
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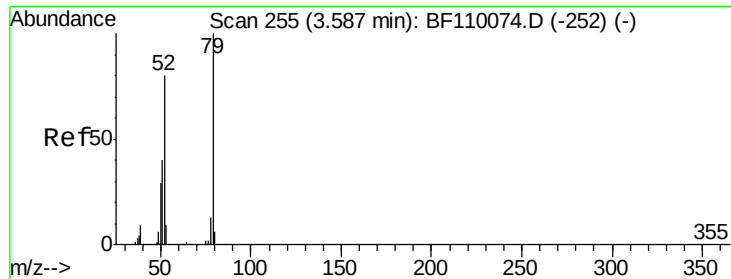


#2

1,4-Dioxane
Concen: 16.877 ng
RT: 2.85 min Scan# 129
Delta R.T. -0.00 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	32.5	24.1	36.1





#3

Pyridine

Concen: 20.400 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

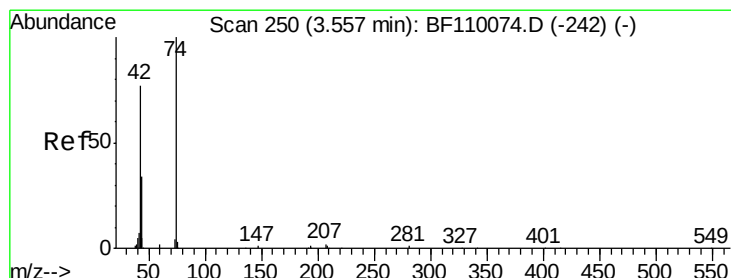
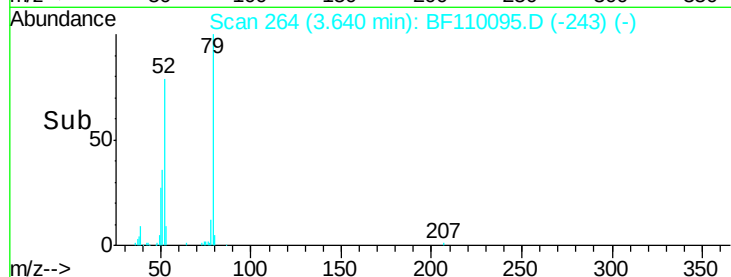
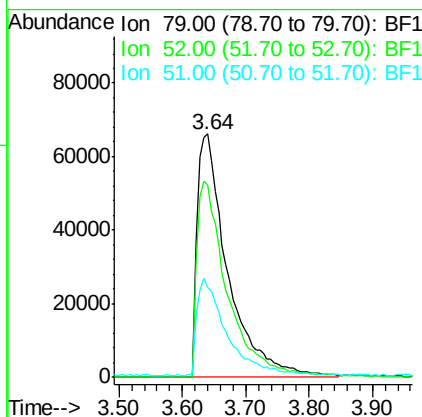
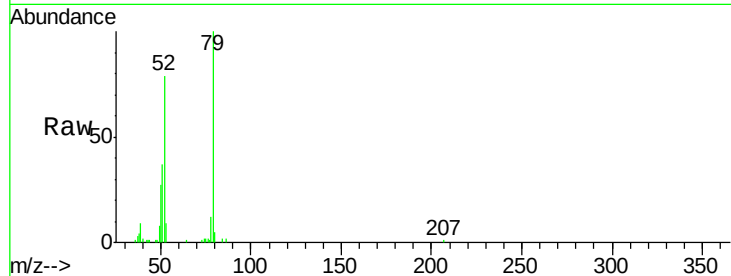
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	79	Resp:	221076
Ion Ratio	Lower	Upper	
79	100		
52	79.0	53.1	79.7
51	36.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 21.465 ng

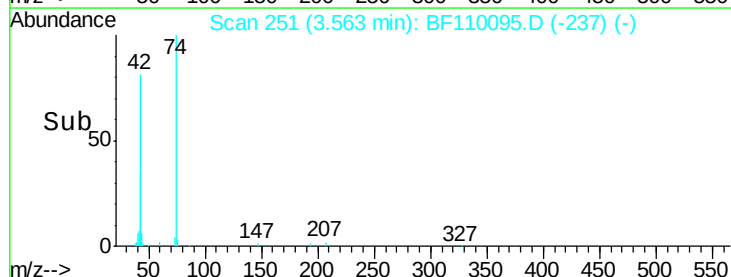
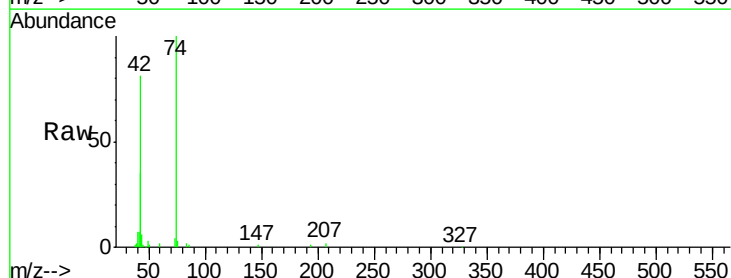
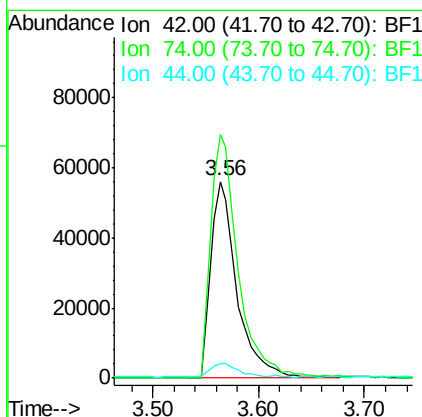
RT: 3.56 min Scan# 251

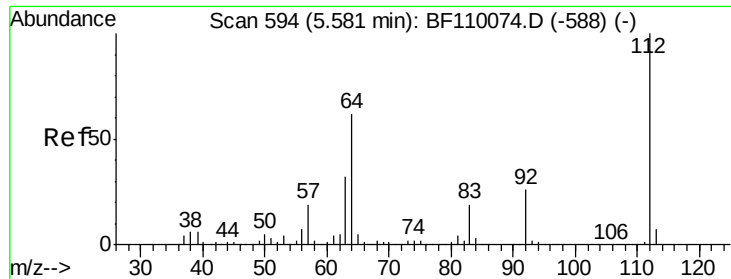
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	42	Resp:	97454
Ion Ratio	Lower	Upper	
42	100		
74	124.0	105.5	158.3
44	7.6	4.9	7.3#





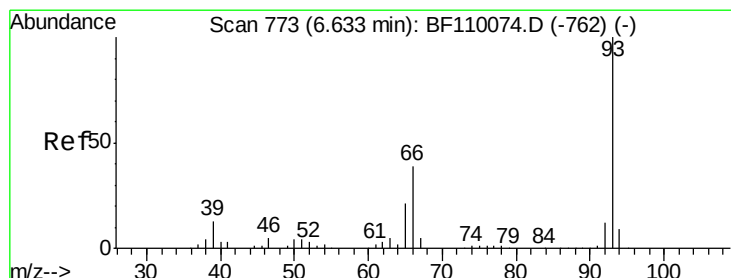
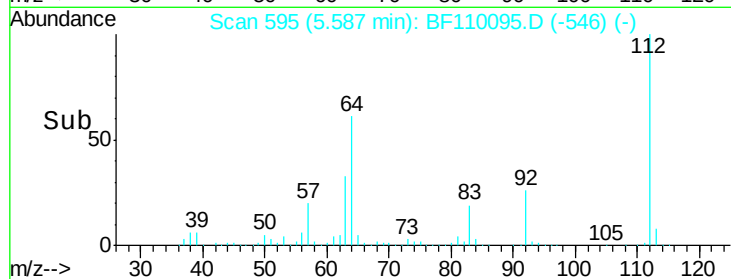
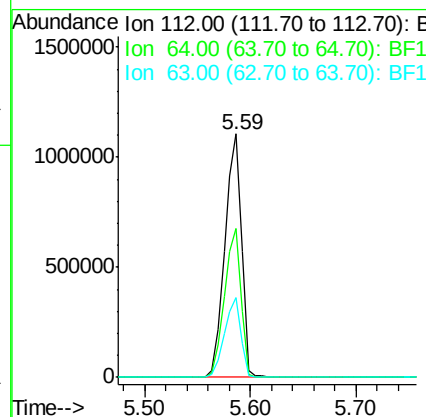
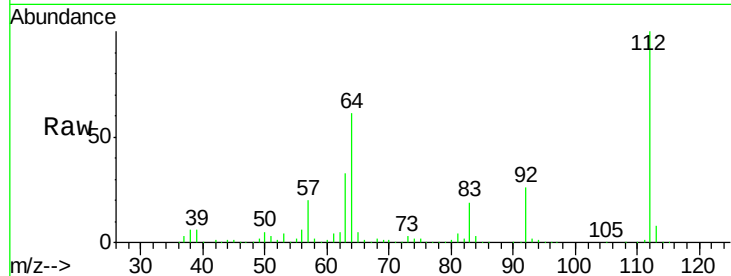
#5
2-Fluorophenol
Concen: 132.166 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1227355		
64	61.3		44.1	66.1
63	32.7		23.7	35.5

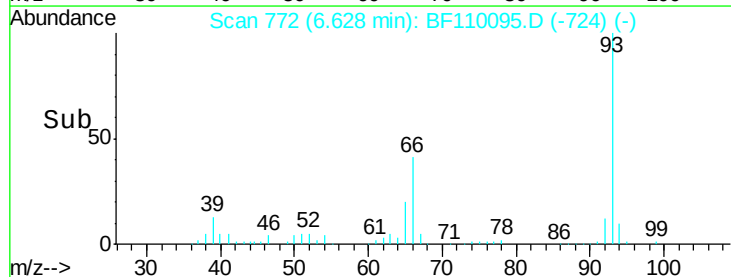
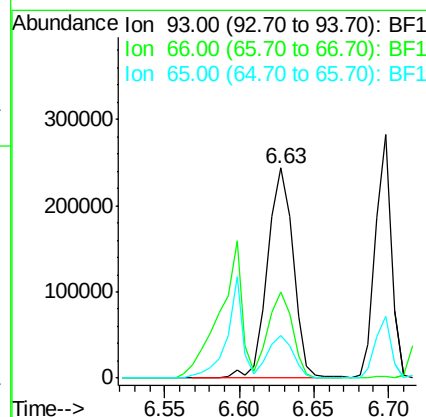
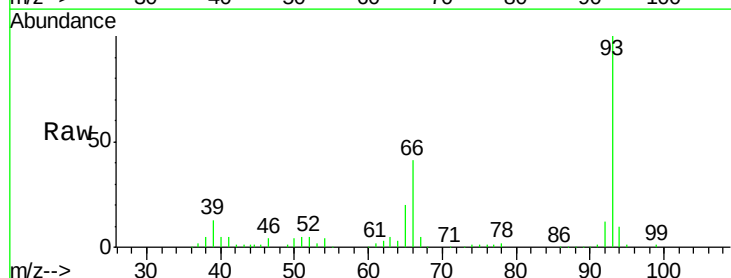
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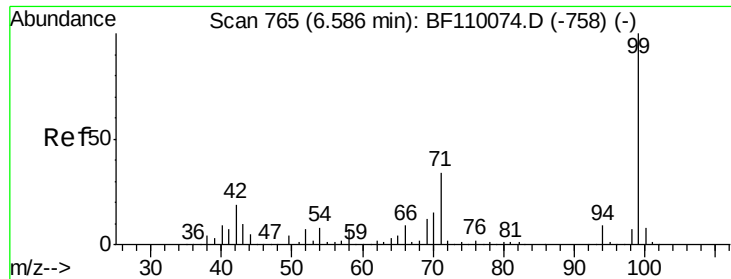
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#6
Aniline
Concen: 18.730 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289818		
66	40.8		67.4	101.0#
65	20.1		41.0	61.4#





#7

Phenol-d6

Concen: 129.373 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion: 99 Resp: 1536711

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

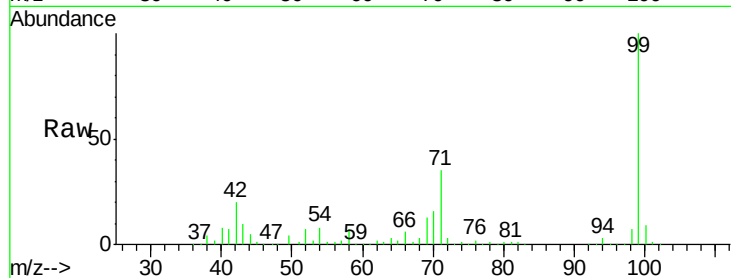
71 35.4 28.0 42.0

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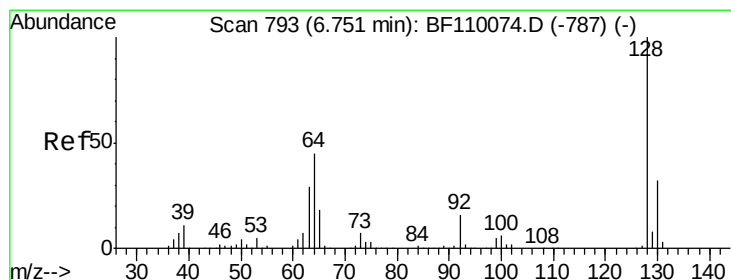
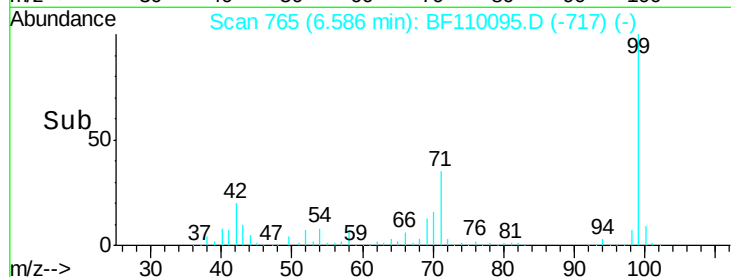
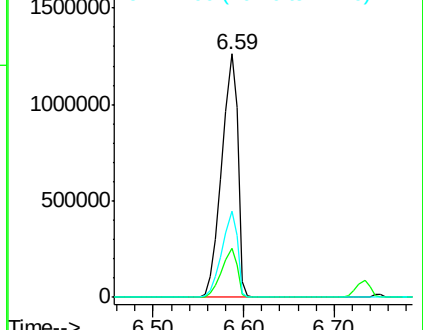
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 20.059 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

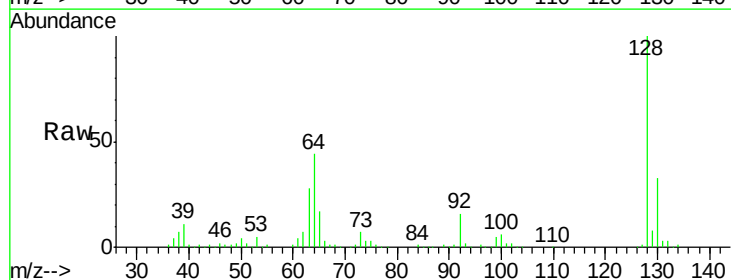
Tgt Ion: 128 Resp: 214759

Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

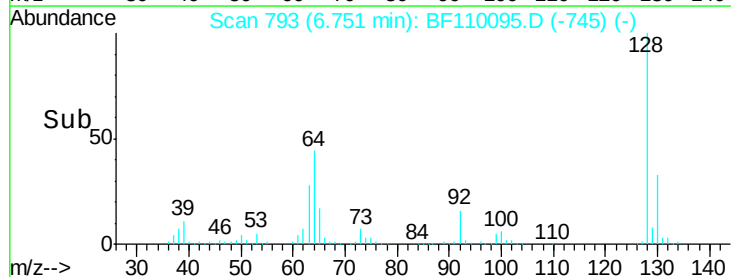
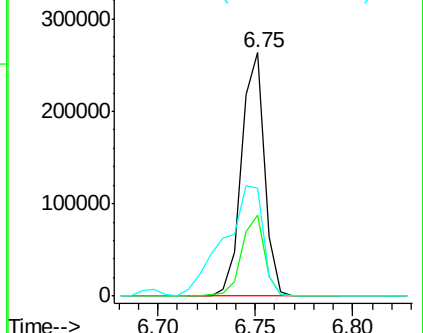
64 44.1 26.0 66.0

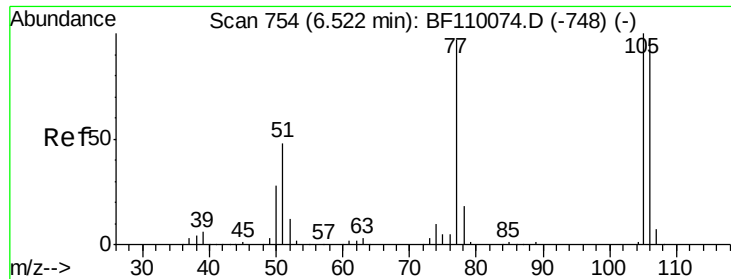


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.039 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

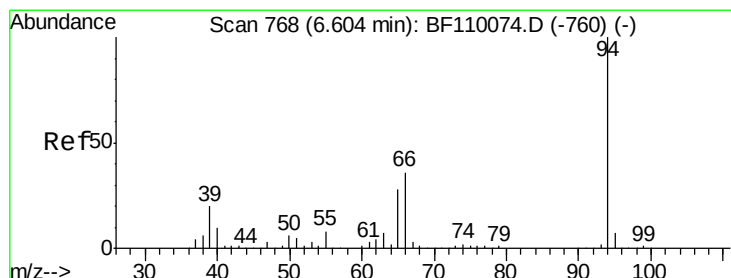
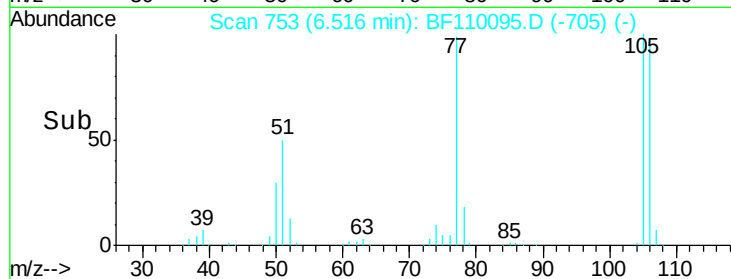
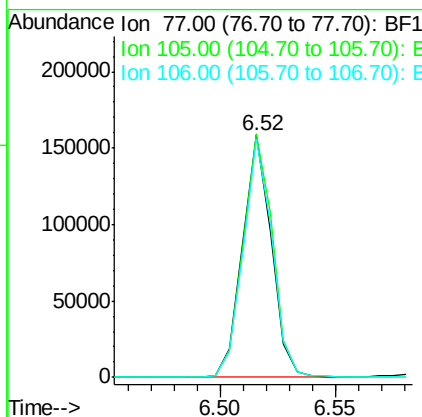
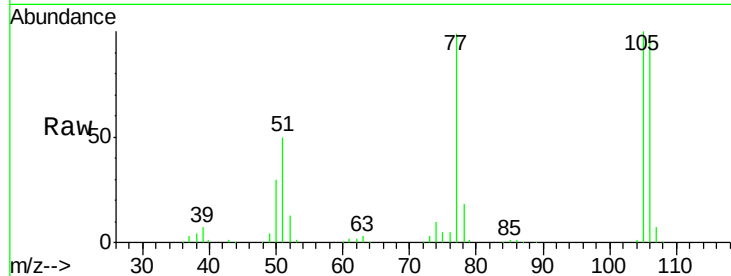
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	77	Resp:	139119
Ion	Ratio	Lower	Upper
77	100		
105	100.6	78.6	118.6
106	98.6	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 19.977 ng

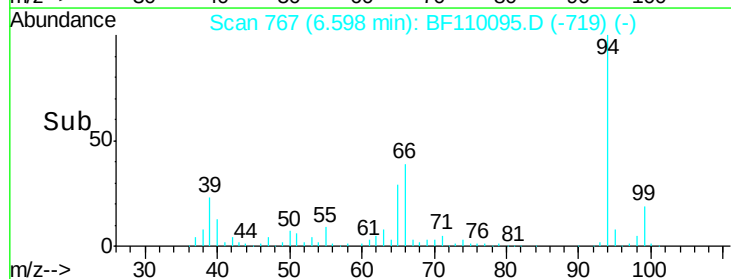
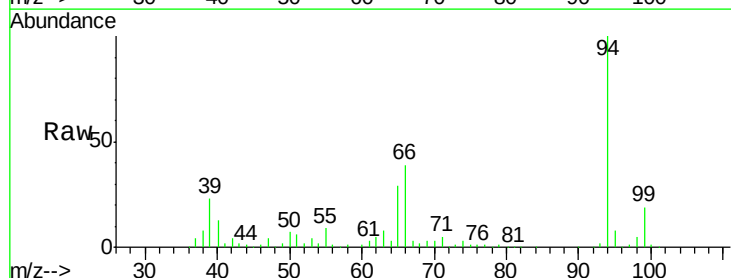
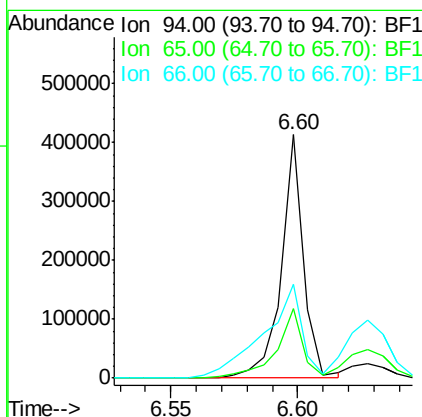
RT: 6.60 min Scan# 767

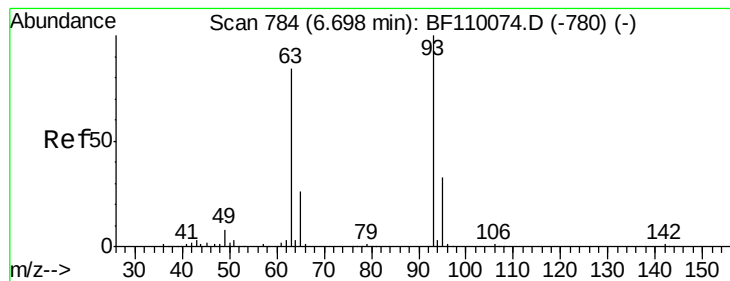
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	94	Resp:	253639
Ion	Ratio	Lower	Upper
94	100		
65	28.6	25.3	65.3
66	38.5	54.5	94.5#





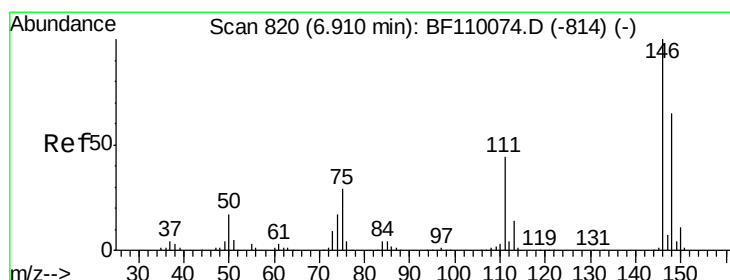
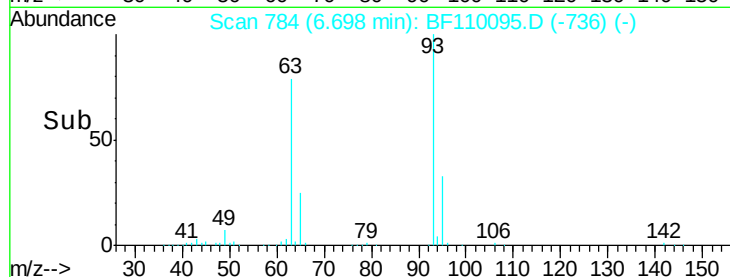
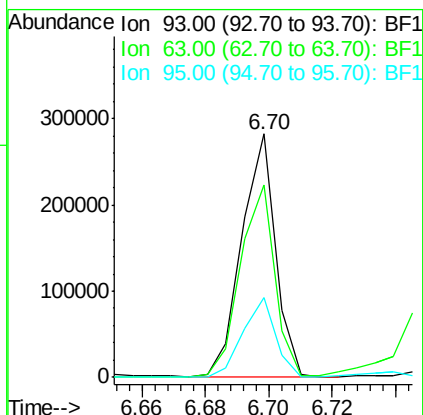
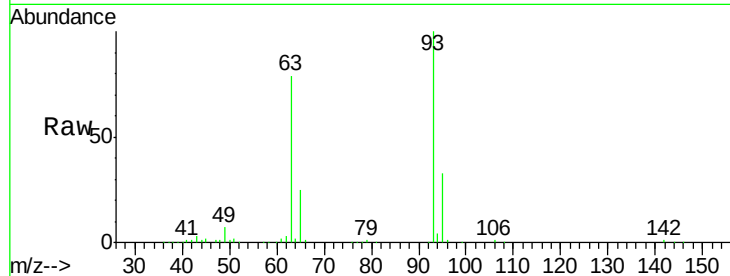
#11
bis(2-Chloroethyl)ether
Concen: 19.814 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	79.0	53.4	93.4
95	32.8	12.1	52.1

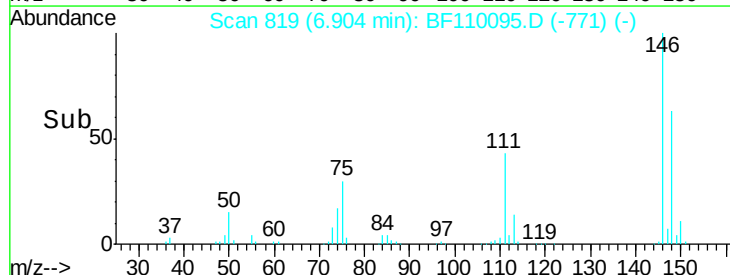
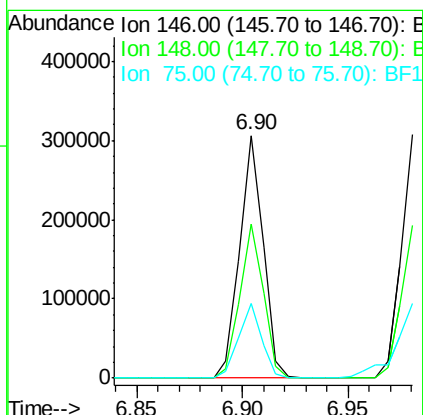
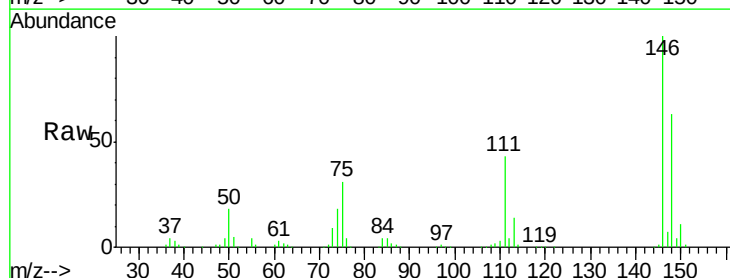
Manual Integrations
APPROVED

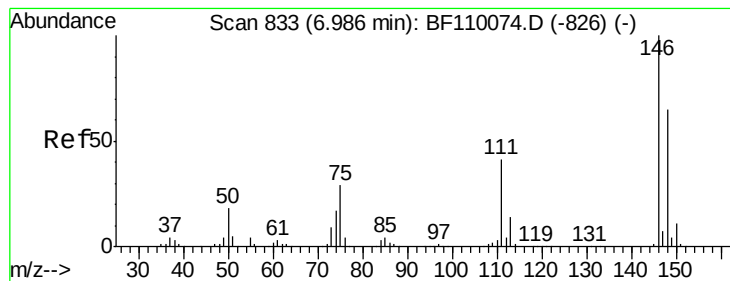
Sohil
10/24/2018 5:12:10 PM



#12
1,3-Dichlorobenzene
Concen: 19.944 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.5	50.4	75.6
75	30.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 20.046 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

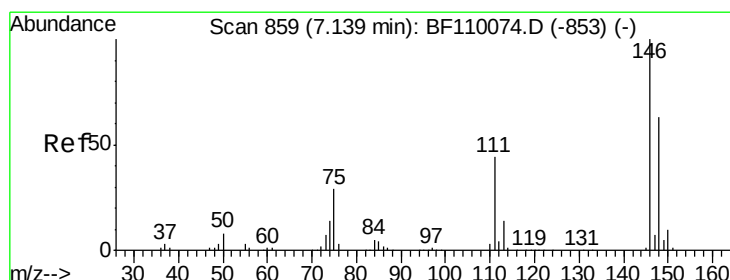
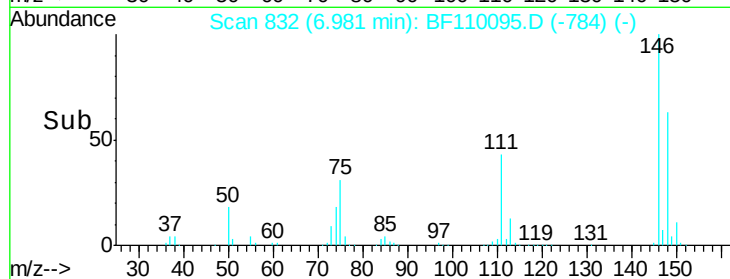
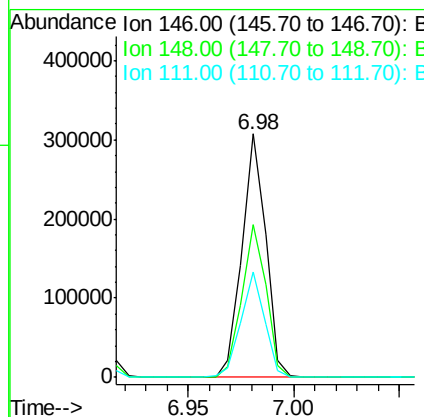
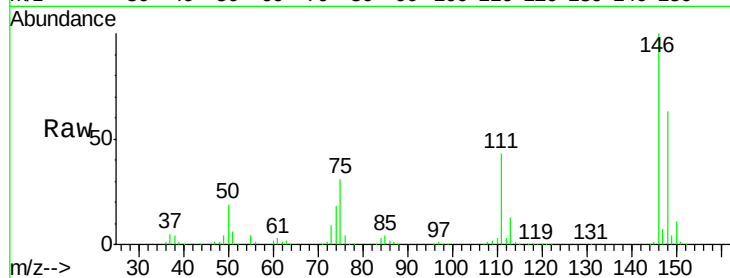
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	146	Resp:	238870
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.3	75.5
111	43.2	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 20.247 ng

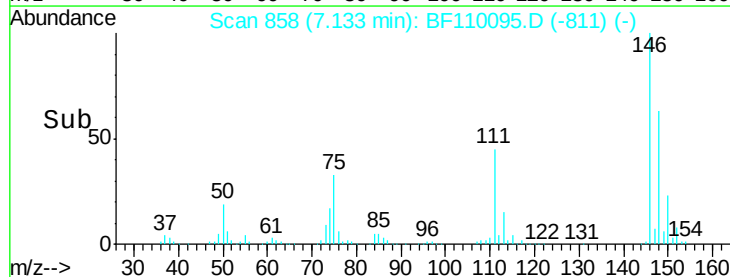
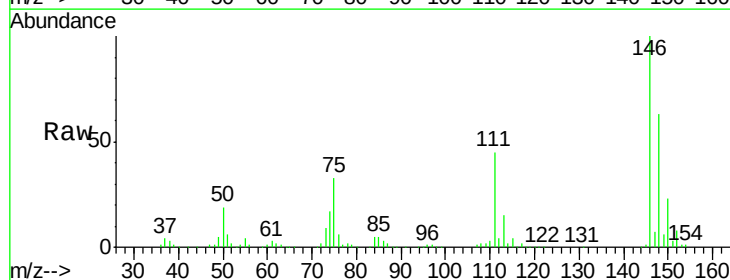
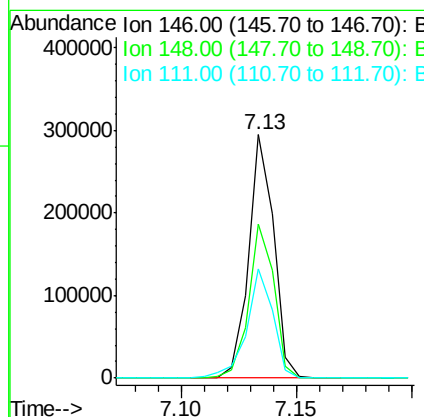
RT: 7.13 min Scan# 858

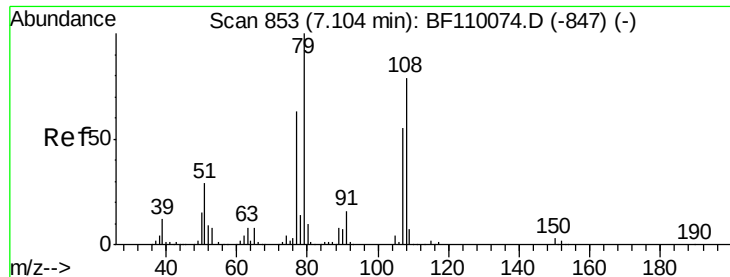
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	146	Resp:	223973
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.1	76.7
111	44.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 20.701 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

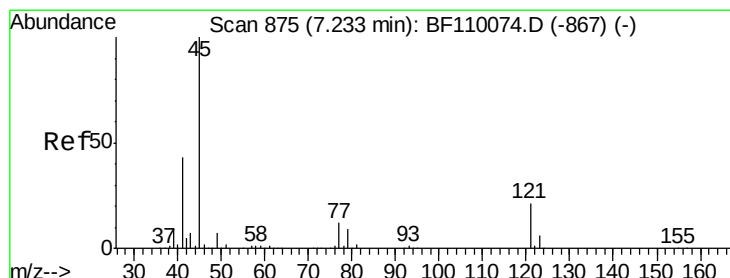
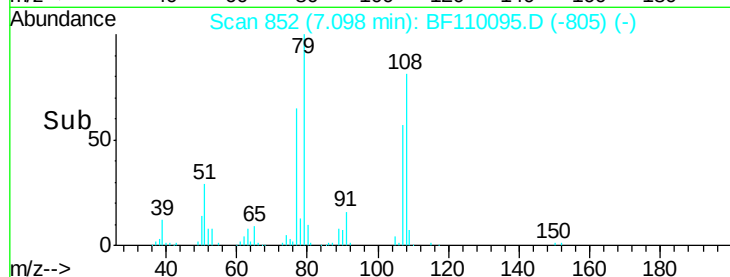
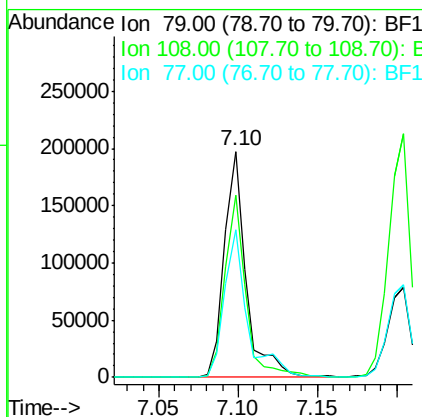
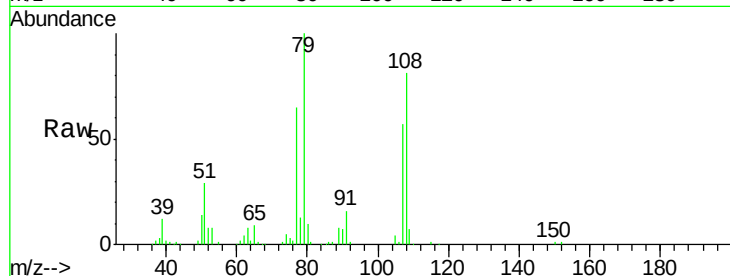
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	79	Resp:	189121
Ion Ratio	Lower	Upper	
79	100		
108	80.9	56.3	84.5
77	65.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 20.584 ng

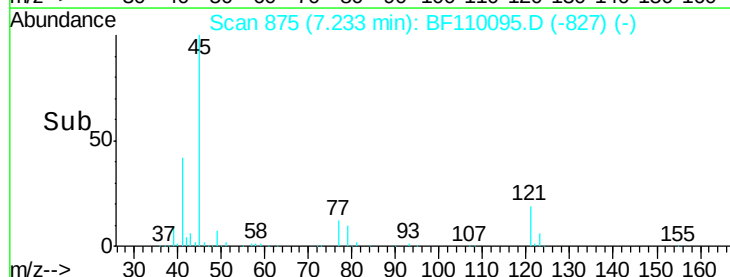
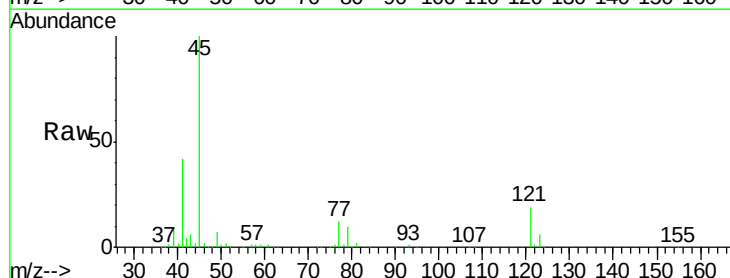
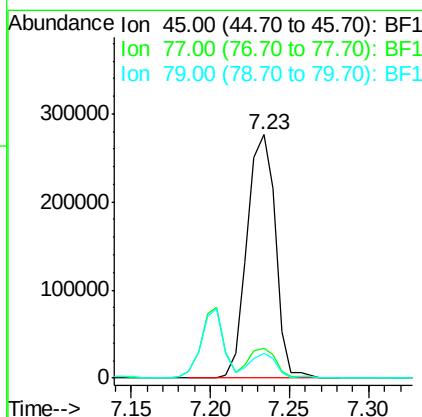
RT: 7.23 min Scan# 875

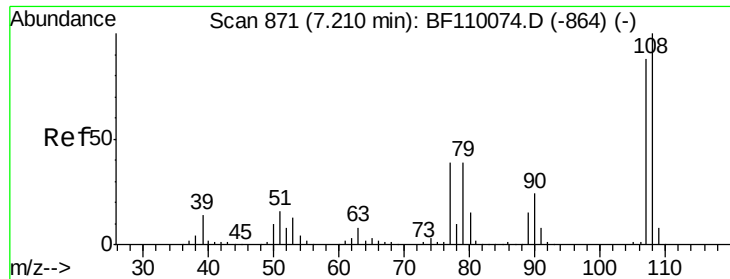
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	45	Resp:	343787
Ion Ratio	Lower	Upper	
45	100		
77	12.2	10.0	50.0
79	10.0	6.1	46.1





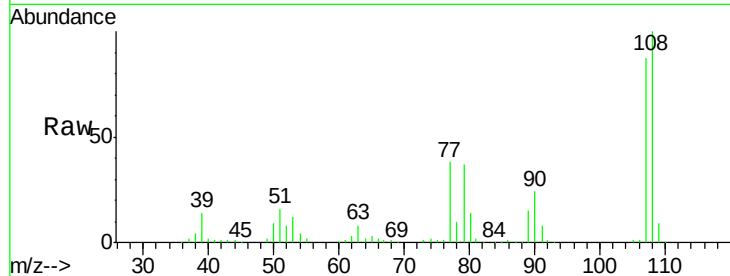
#17
2-Methylphenol
Concen: 20.786 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	177364		
108	114.5	92.6	138.8	
77	43.5	59.4	89.2	
79	42.2	54.0	81.0	

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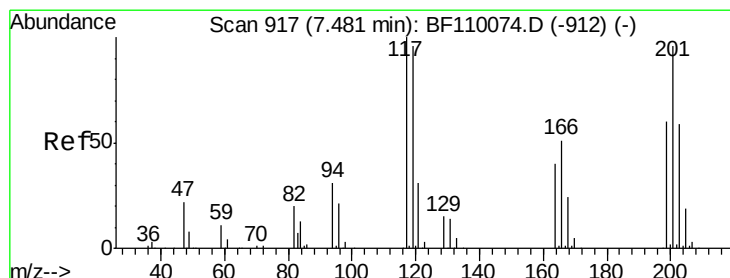
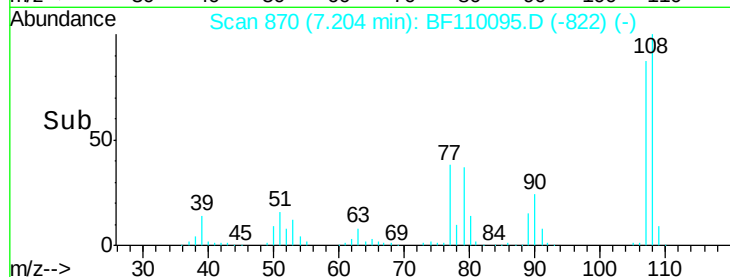
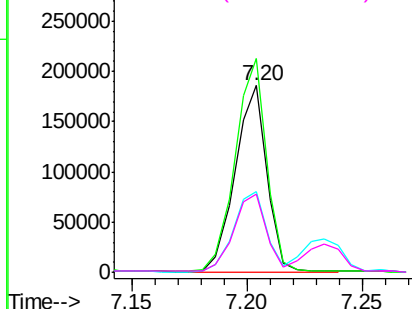
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 19.983 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

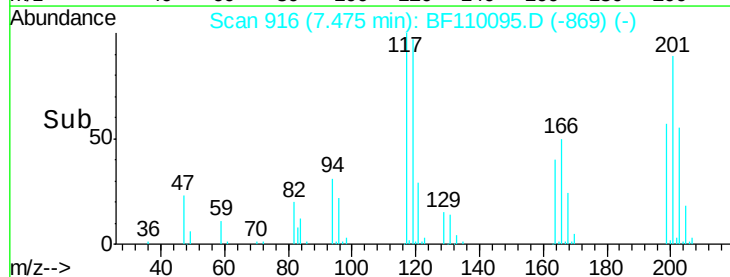
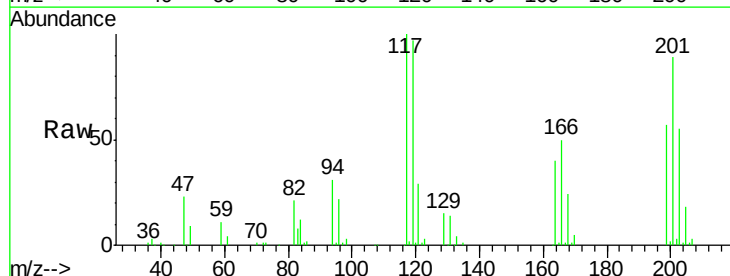
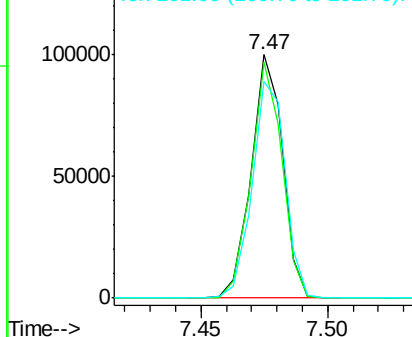
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87180		
119	97.1	75.0	112.6	
201	89.3	79.2	118.8	

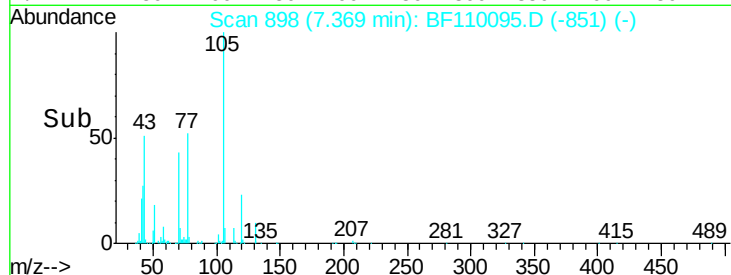
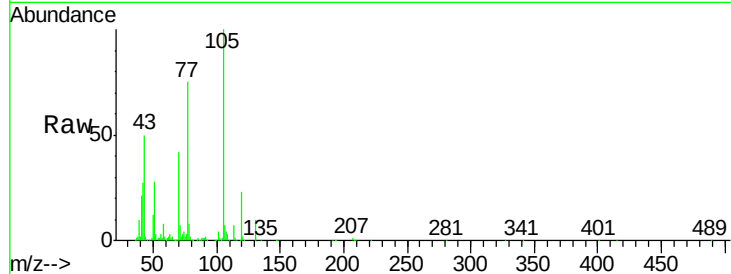
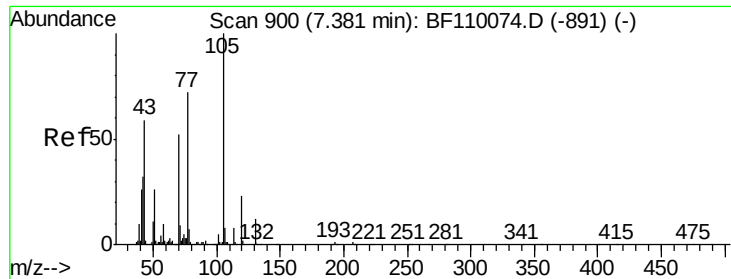
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





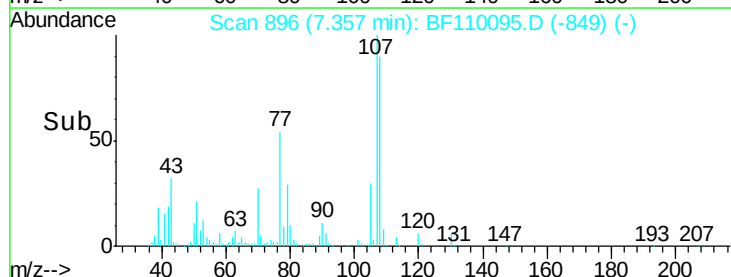
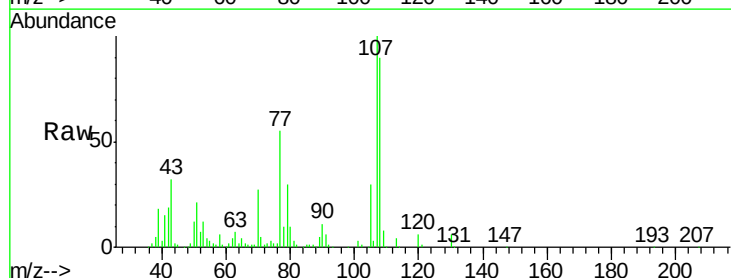
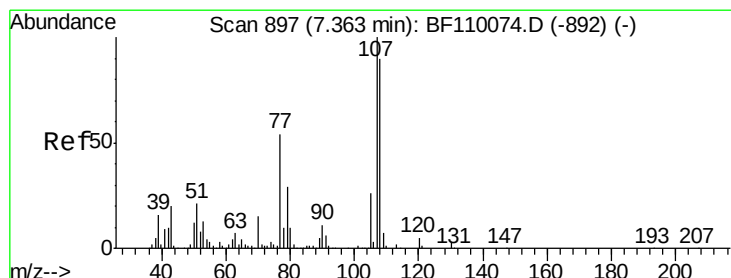
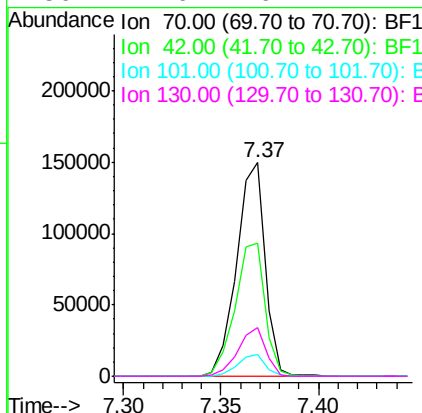
#19
n-Nitroso-di-n-propylamine
Concen: 19.980 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.4	71.2
101	10.1	7.3	10.9
130	22.6	16.2	24.2

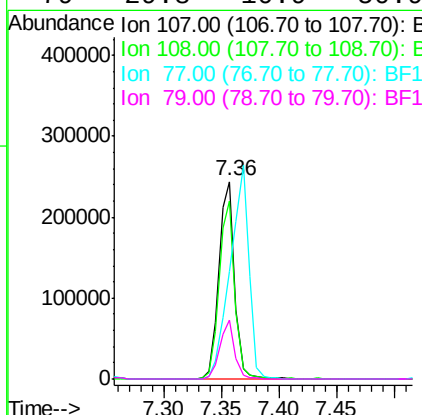
Manual Integrations
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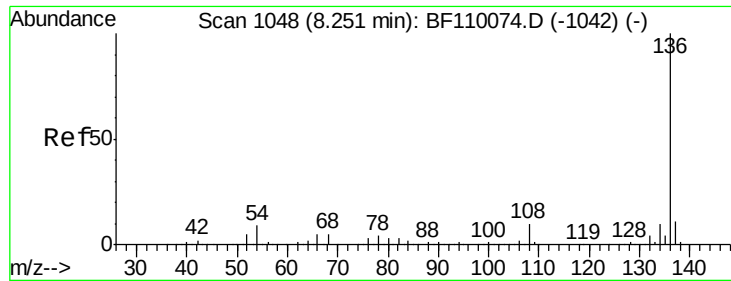
Sohil
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#20
3+4-Methylphenols
Concen: 21.004 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	54.7	47.3	87.3
79	29.8	10.9	50.9





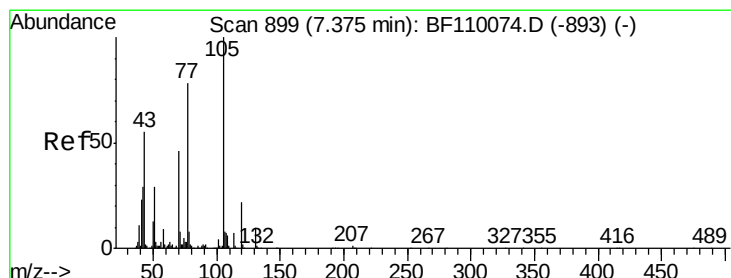
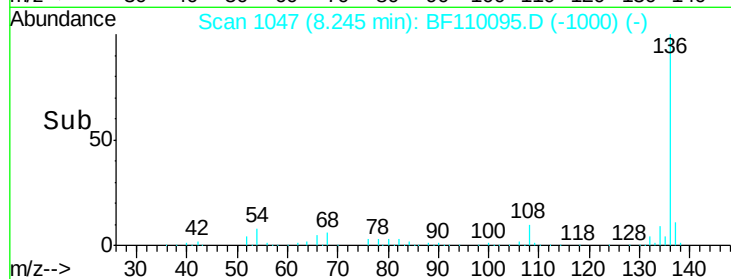
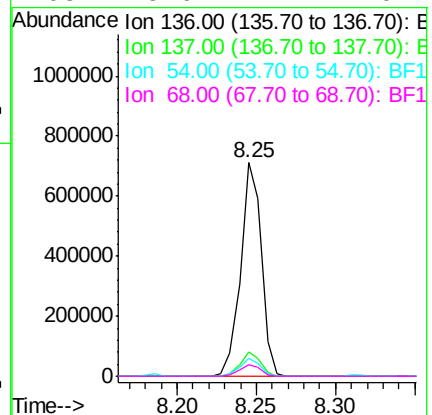
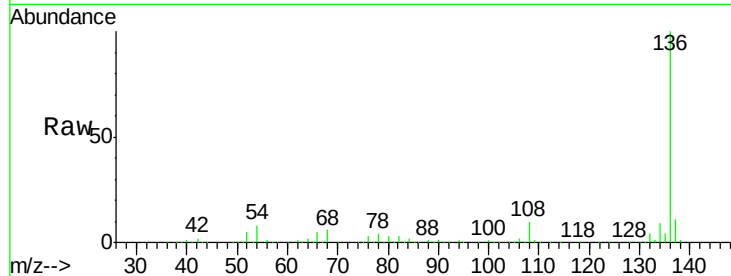
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	644500		
137	11.3	8.8	13.2	
54	8.4	5.4	8.2#	
68	5.6	4.2	6.2	

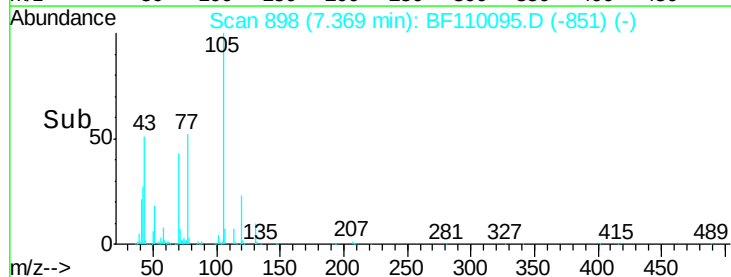
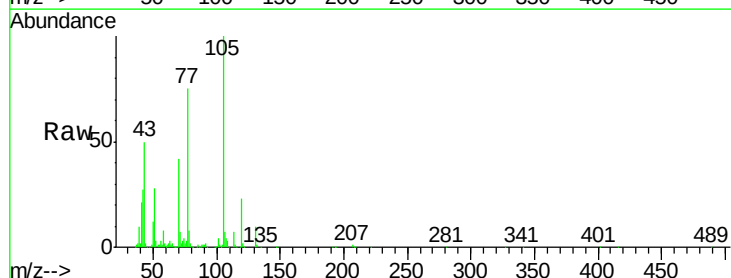
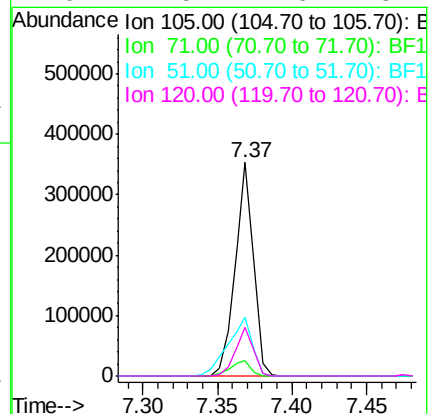
Manual Integrations
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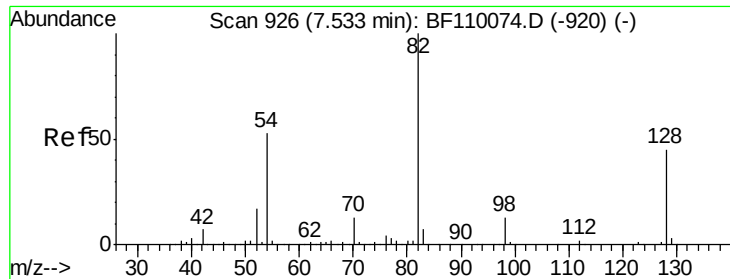
Sohil
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#22
Acetophenone
Concen: 20.665 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306895		
71	7.0	5.2	7.8	
51	27.7	21.8	32.8	
120	22.5	17.0	25.4	





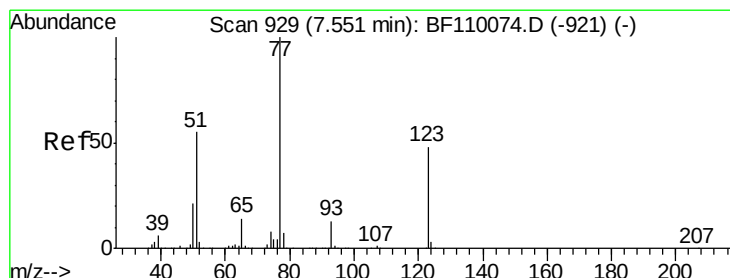
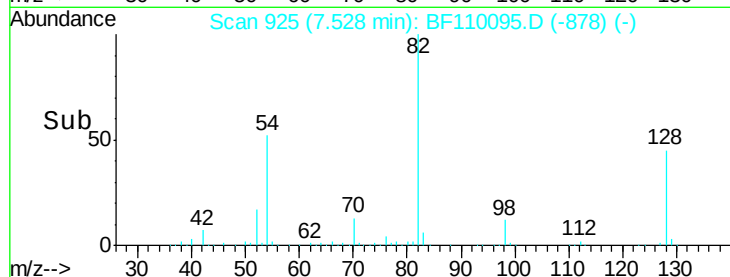
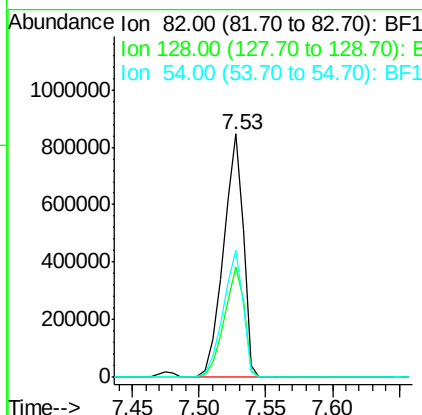
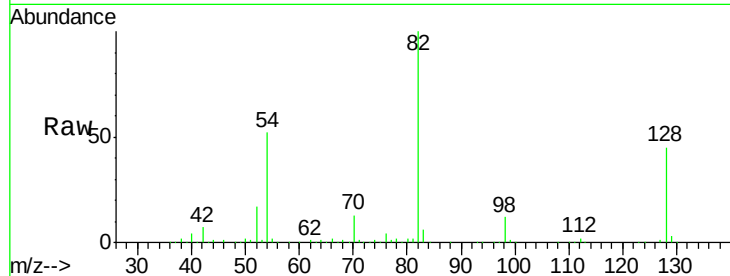
#23
Nitrobenzene-d5
Concen: 81.750 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	888301		
128	45.3	34.2	51.2	
54	52.3	38.6	58.0	

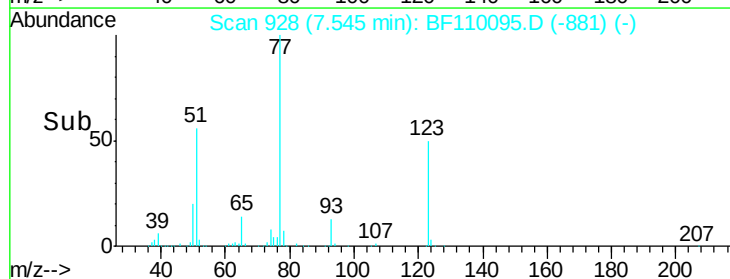
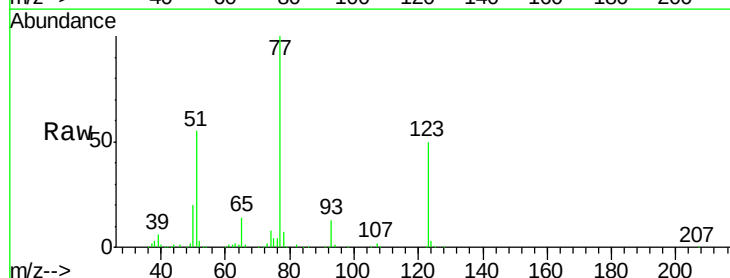
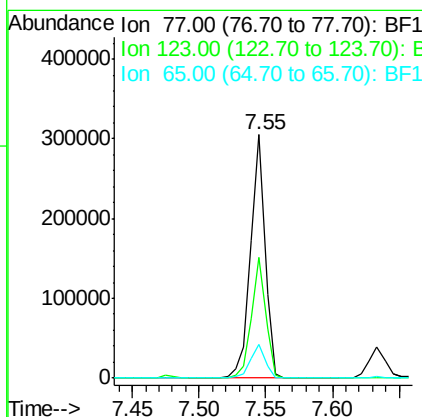
Manual Integrations
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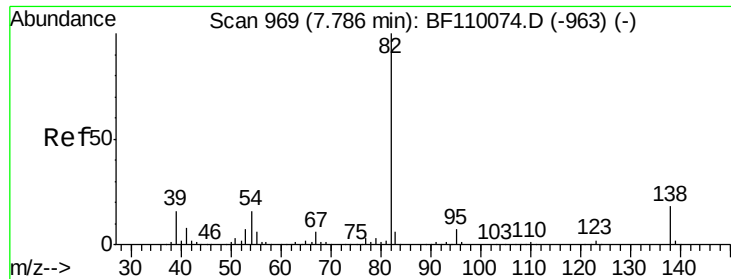
Sohil
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#24
Nitrobenzene
Concen: 20.334 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228120		
123	49.7	35.7	53.5	
65	13.9	10.7	16.1	





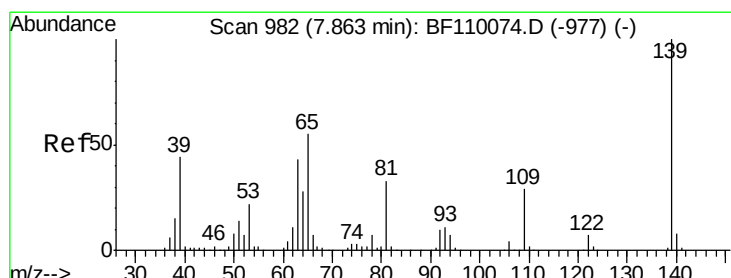
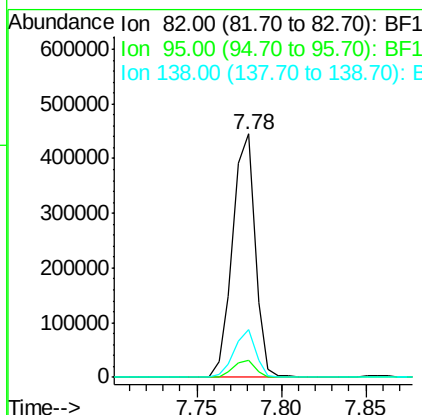
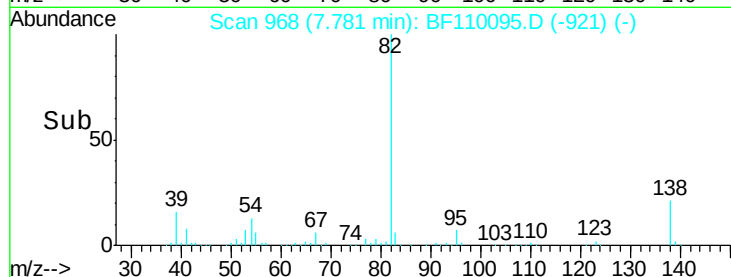
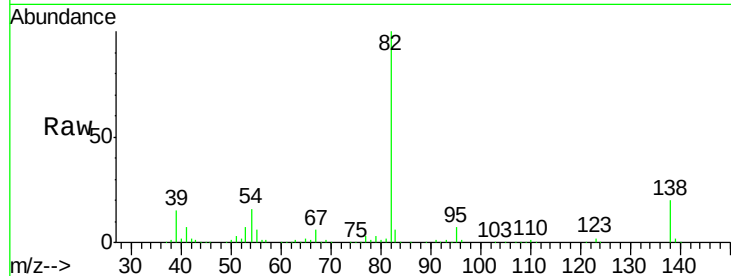
#25
Isophorone
Concen: 22.492 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	416603		
95	7.0	5.7	8.5	
138	19.7	13.2	19.8	

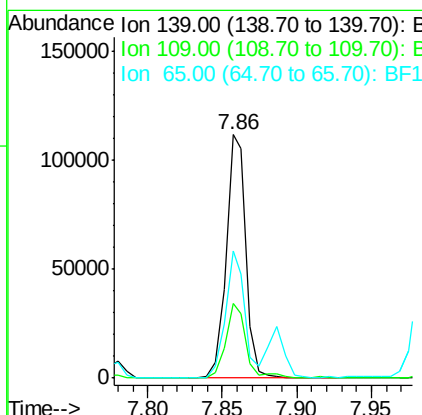
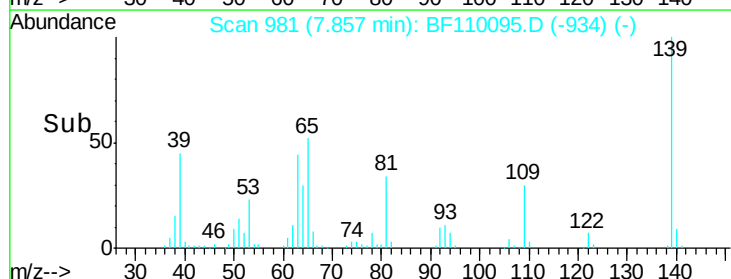
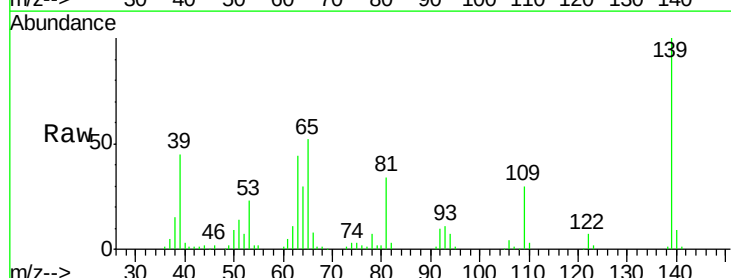
Manual Integrations
APPROVED

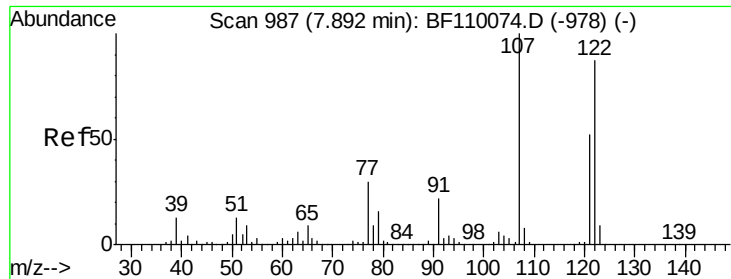
Sohil
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#26
2-Nitrophenol
Concen: 19.556 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104399		
109	30.4	25.0	37.6	
65	52.4	44.0	66.0	





#27

2,4-Dimethylphenol

Concen: 22.517 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

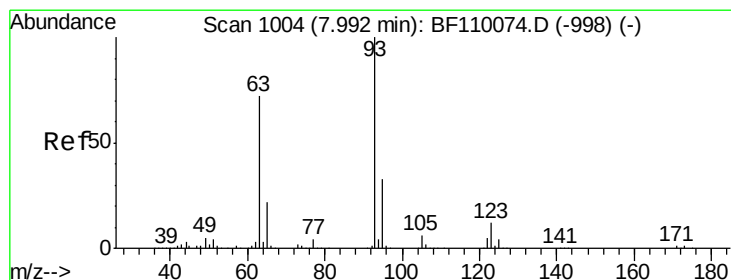
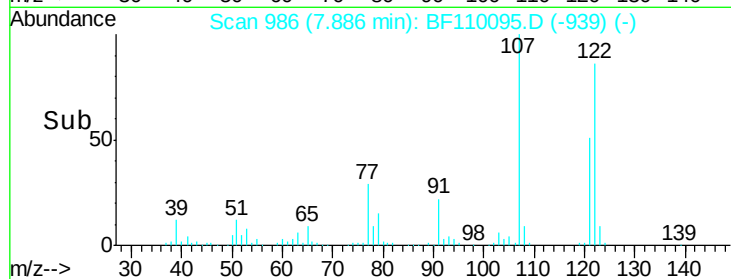
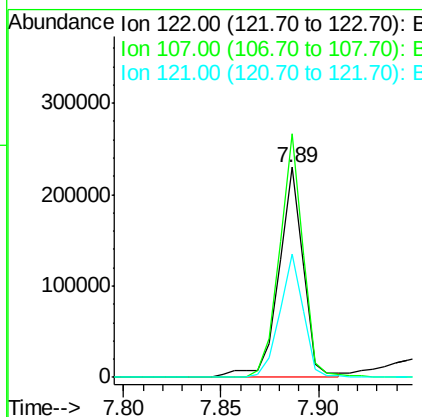
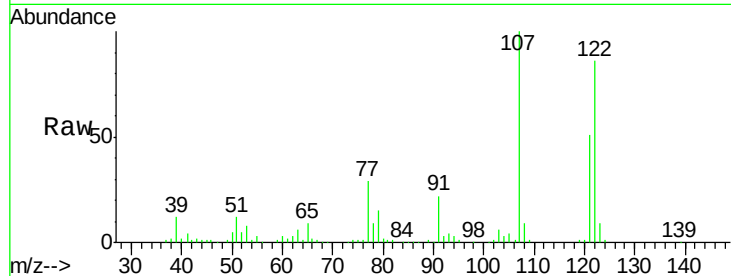
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	122	Resp:	199293
Ion Ratio	Lower	Upper	
122	100		
107	116.0	92.5	138.7
121	58.8	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 21.017 ng

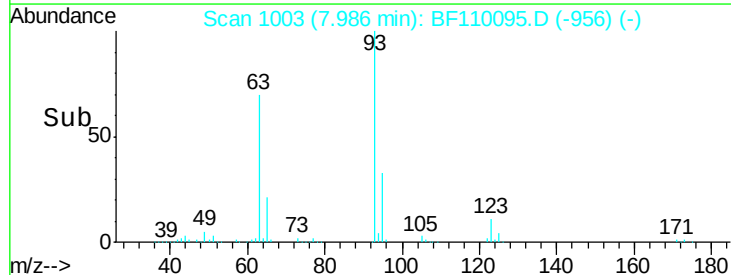
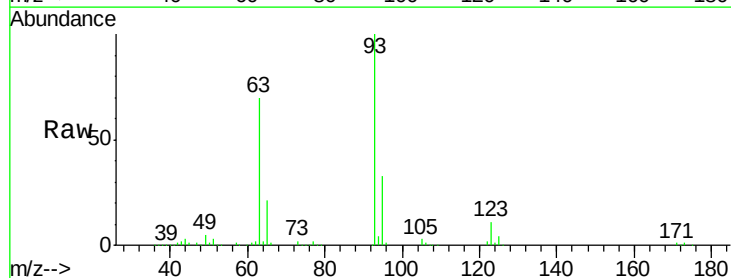
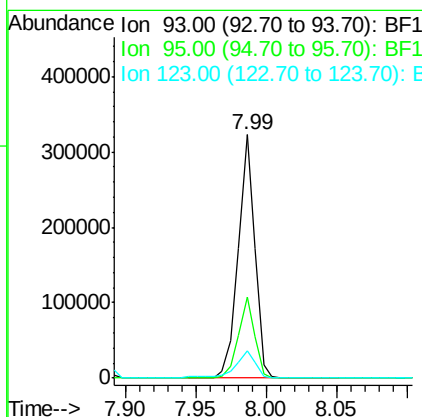
RT: 7.99 min Scan# 1003

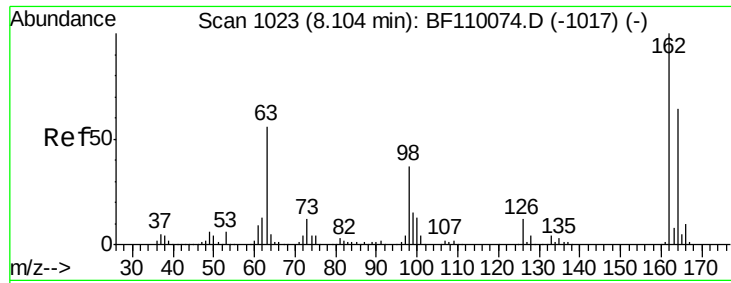
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	93	Resp:	264449
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	11.4	9.0	13.6





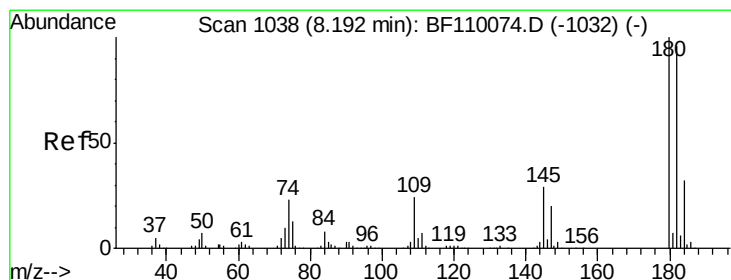
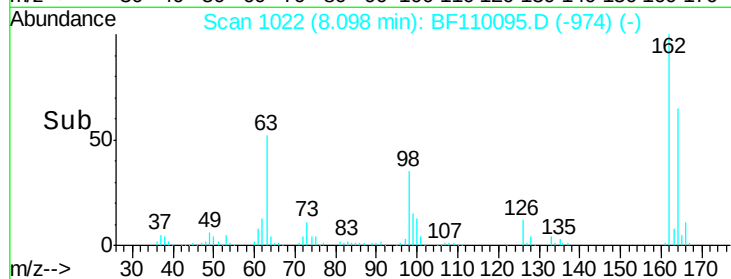
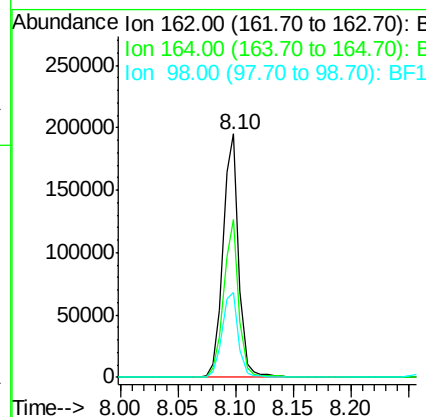
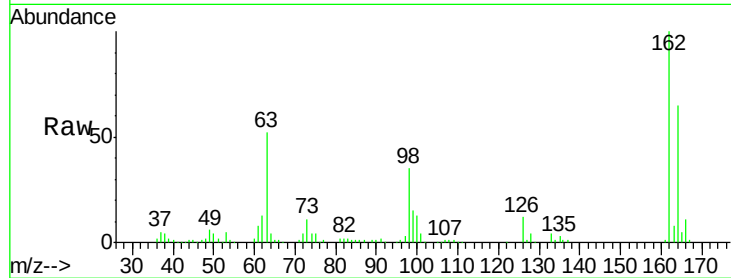
#29
2,4-Dichlorophenol
Concen: 20.550 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:	162	Resp:	183755
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	34.6	17.4	57.4

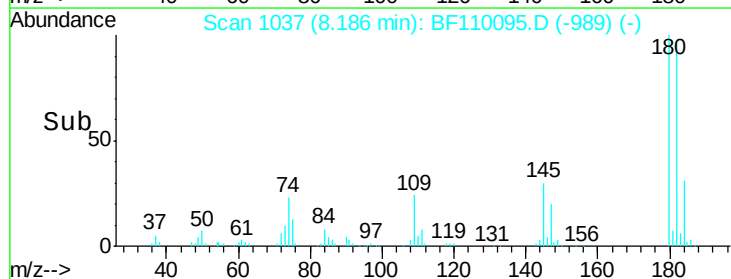
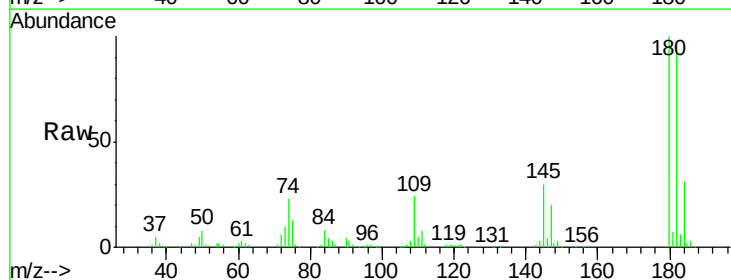
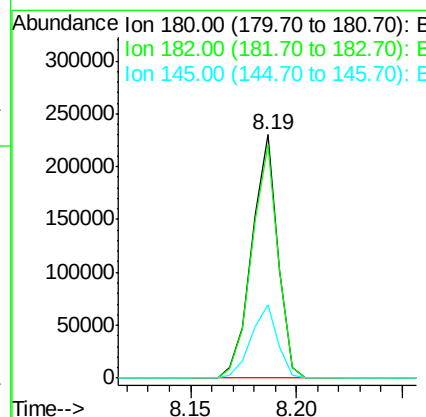
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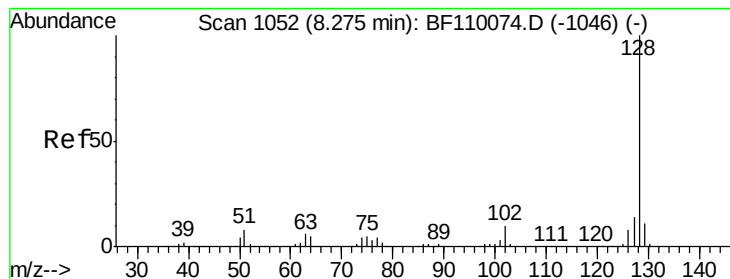
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#30
1,2,4-Trichlorobenzene
Concen: 19.577 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:	180	Resp:	196082
Ion Ratio	Lower	Upper	
180	100		
182	95.8	80.3	120.5
145	30.2	25.4	38.0





#31

Naphthalene

Concen: 21.885 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

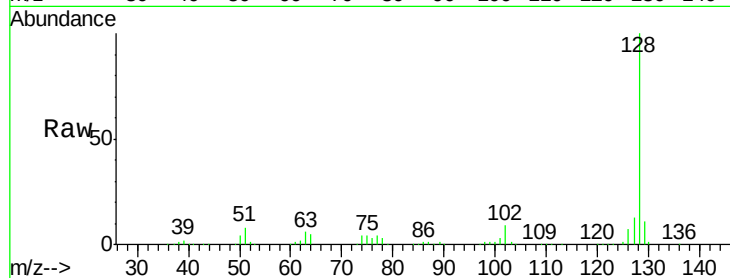
ClientSampleId :

LOQ-WATER-02-QT4-2018

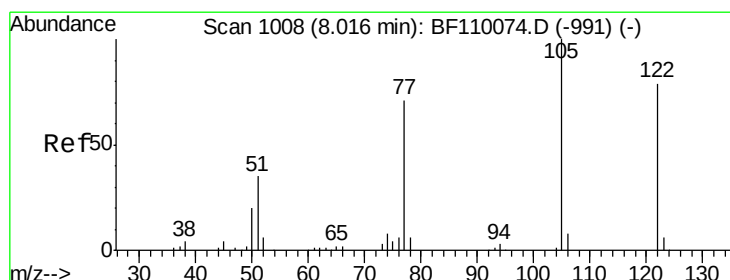
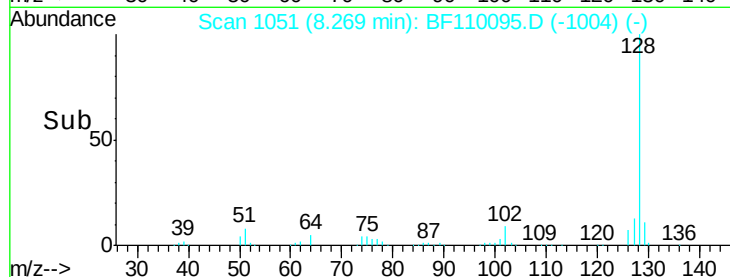
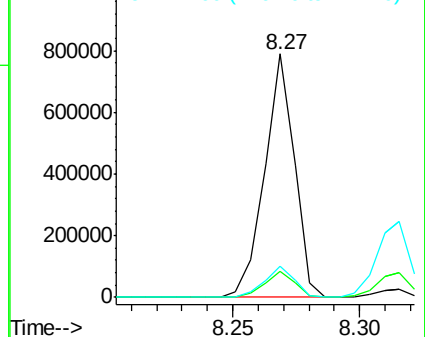
Tgt Ion:	128	Resp:	650083
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.8	10.8	16.2

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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: 14.446 ng

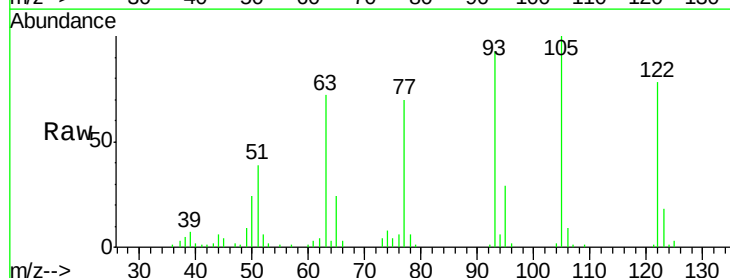
RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

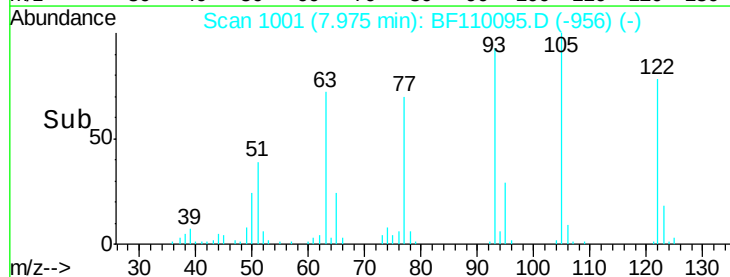
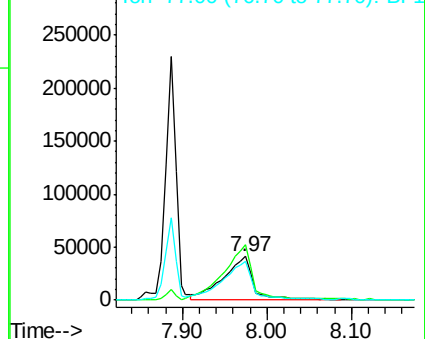
Lab File: BF110095.D

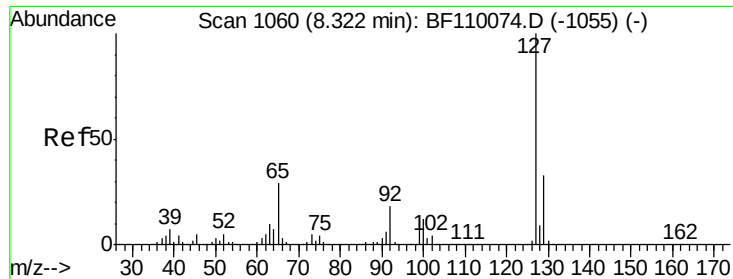
Acq: 23 Oct 2018 23:22

Tgt Ion:	122	Resp:	98823
Ion Ratio	Lower	Upper	
122	100		
105	127.8	109.0	149.0
77	89.4	79.0	119.0



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





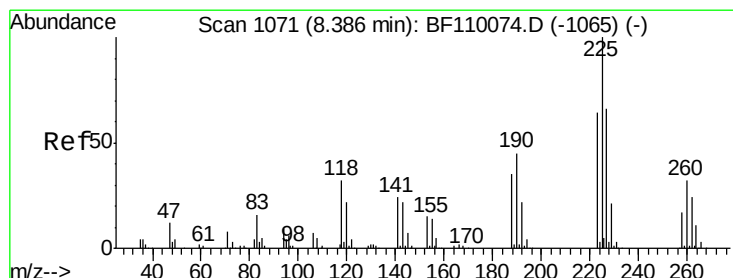
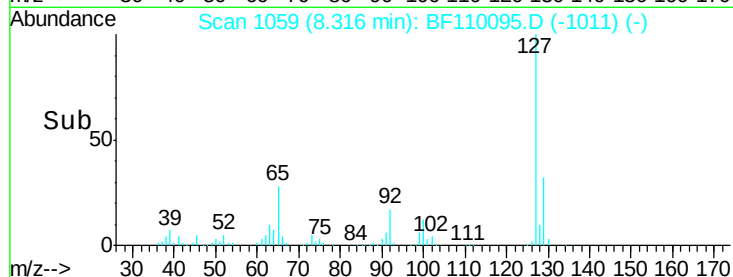
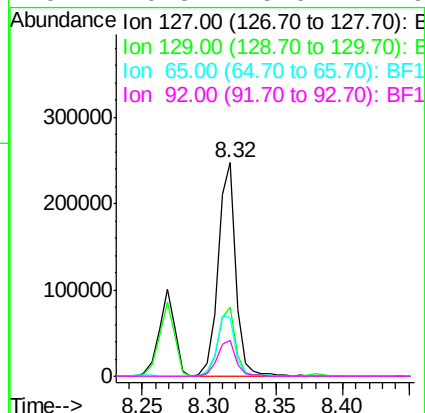
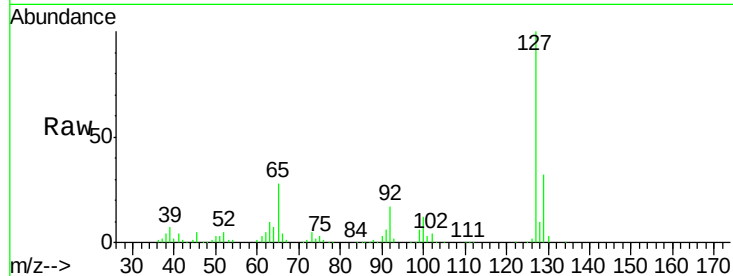
#33
4-Chloroaniline
Concen: 17.345 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	231878		
129	32.3	26.0	39.0	
65	27.8	25.1	37.7	
92	16.8	15.0	22.6	

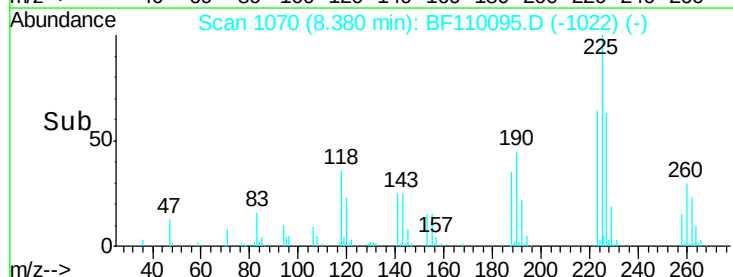
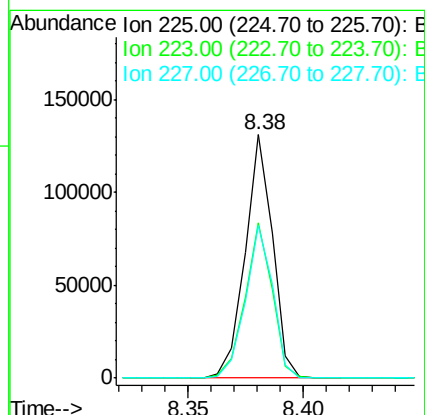
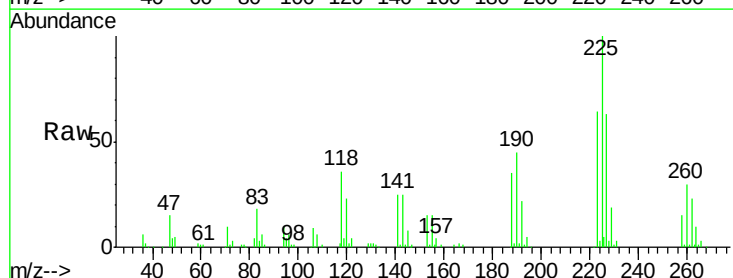
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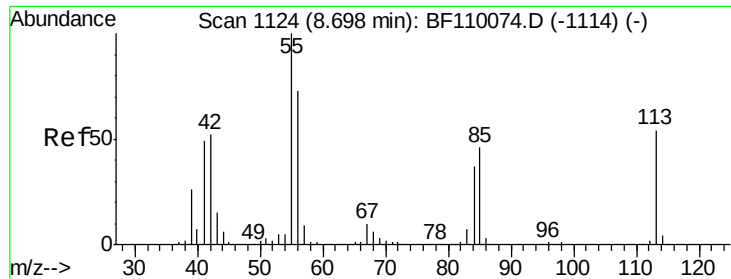
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#34
Hexachlorobutadiene
Concen: 19.527 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108594		
223	63.6	51.4	77.2	
227	62.9	51.0	76.6	





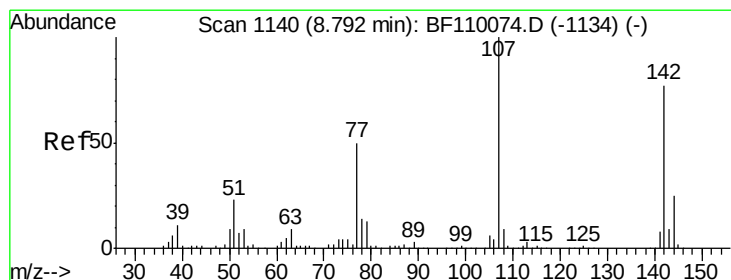
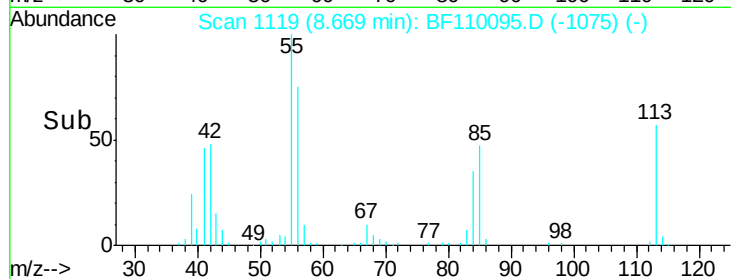
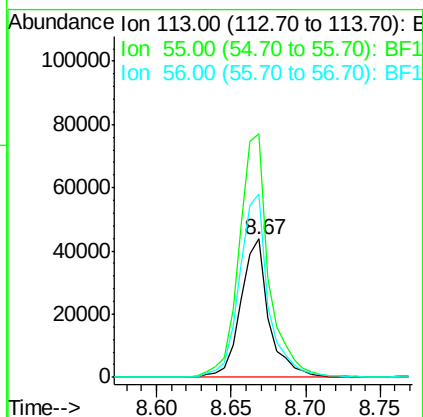
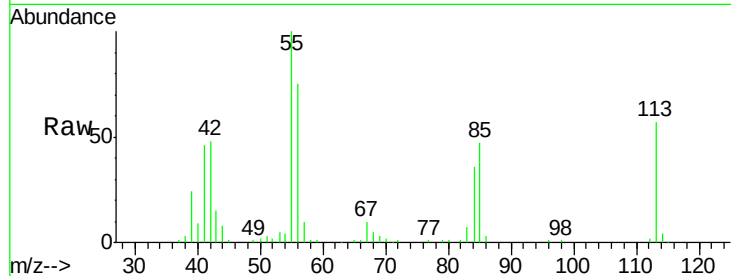
#35
 Caprolactam
 Concen: 18.346 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.04 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
113	100		
55	176.2	142.8	182.8
56	132.9	105.0	145.0

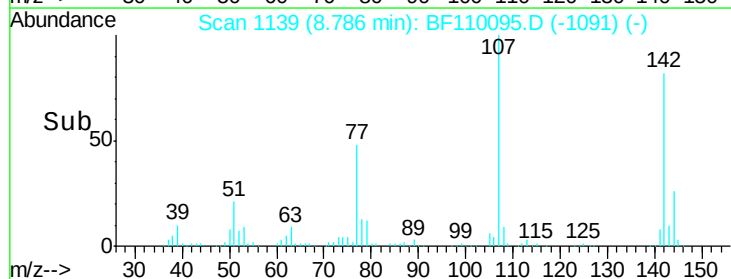
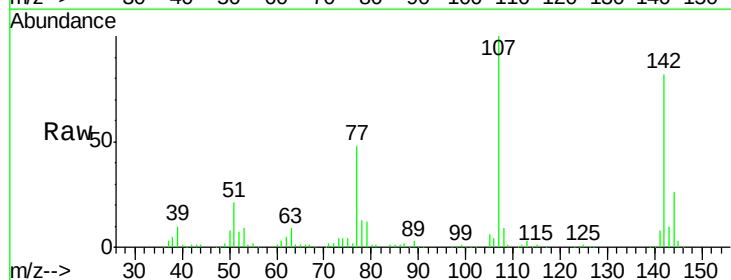
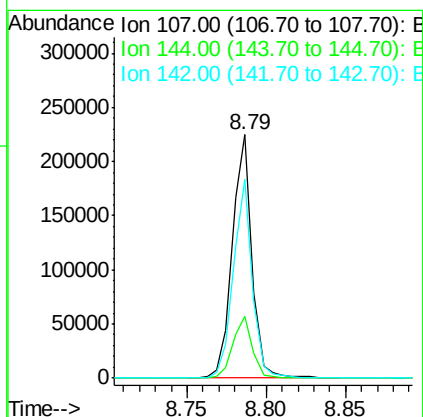
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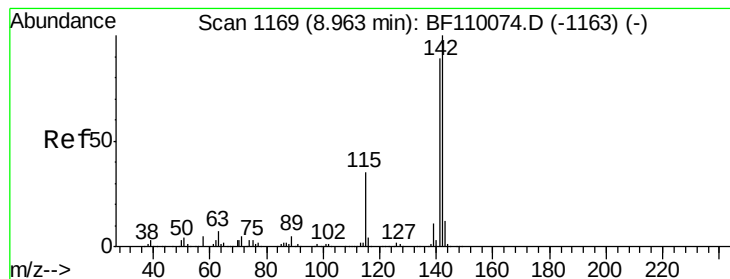
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#36
 4-Chloro-3-methylphenol
 Concen: 20.062 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.0	30.0
142	81.6	59.7	89.5





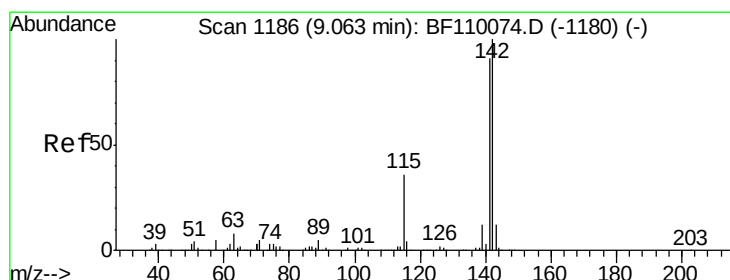
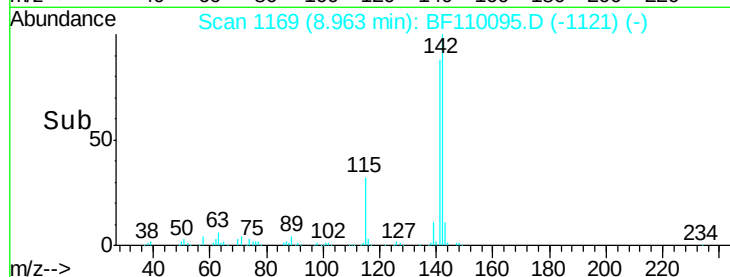
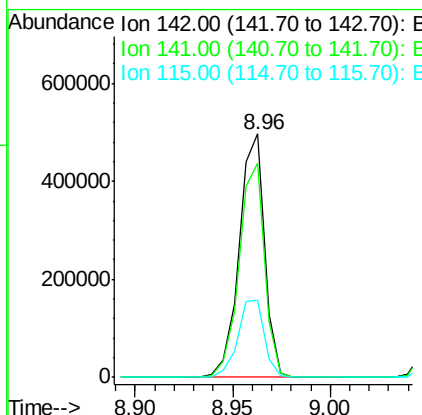
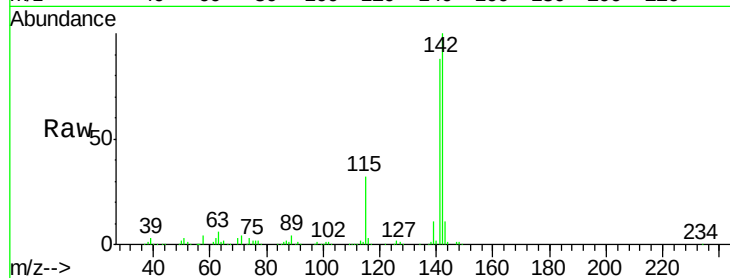
#37
2-Methylnaphthalene
Concen: 22.772 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	447553		
141	88.0	71.4	107.2	
115	31.7	28.7	43.1	

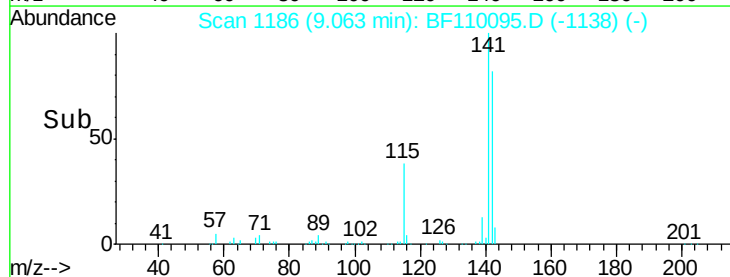
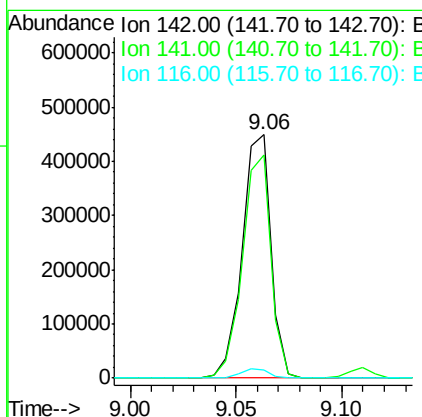
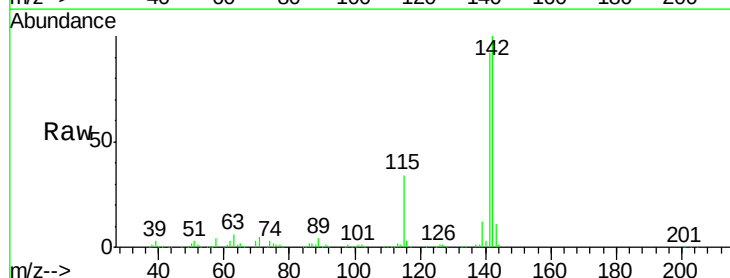
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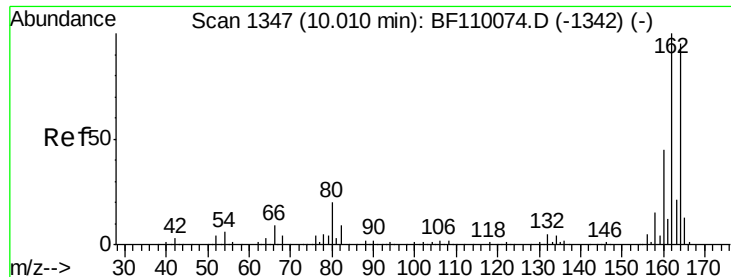
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#38
1-Methylnaphthalene
Concen: 22.331 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	424125		
141	91.6	74.2	111.4	
116	3.4	2.6	4.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110095.D

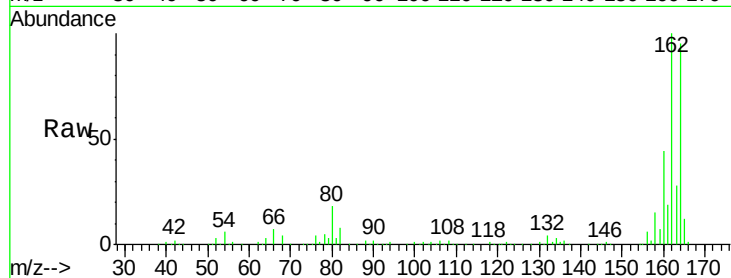
Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

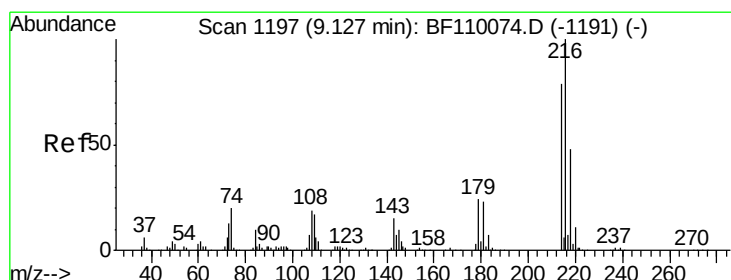
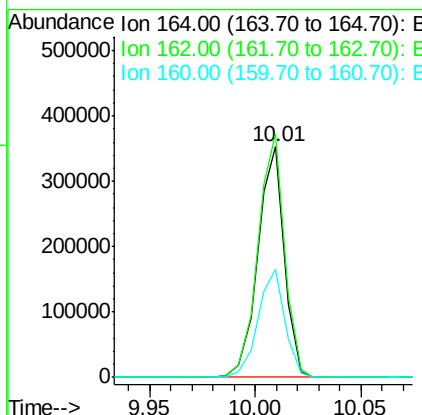
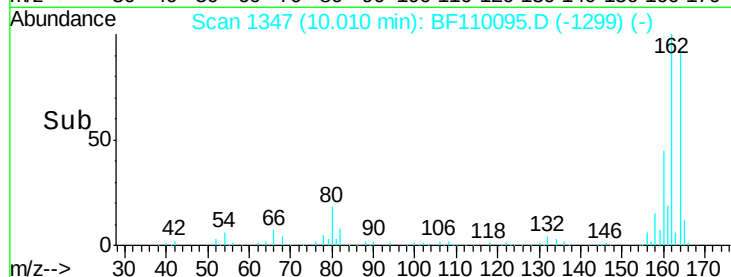
LOQ-WATER-02-QT4-2018



Tgt Ion	164	162	160
Ratio	100	105.7	47.0
Resp	307137	83.0	37.0
Lower		124.6	55.6
Upper			

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.640 ng

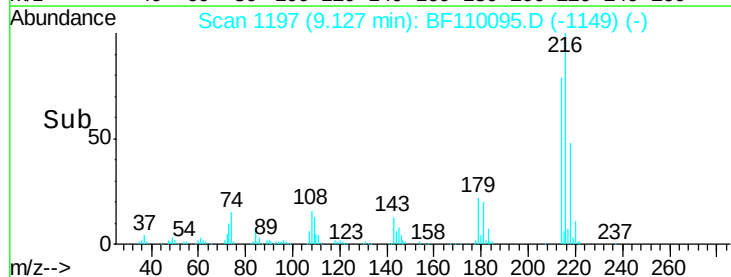
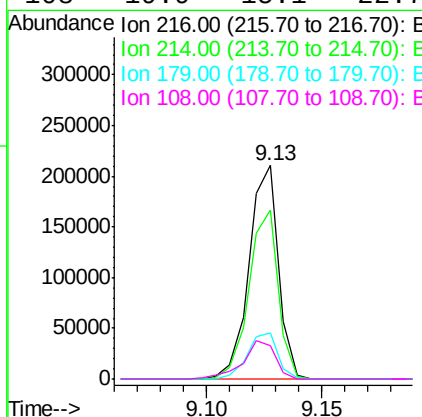
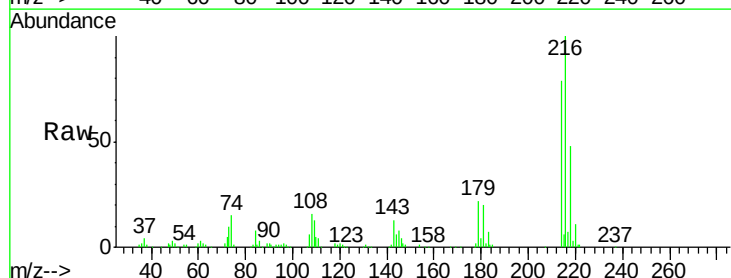
RT: 9.13 min Scan# 1197

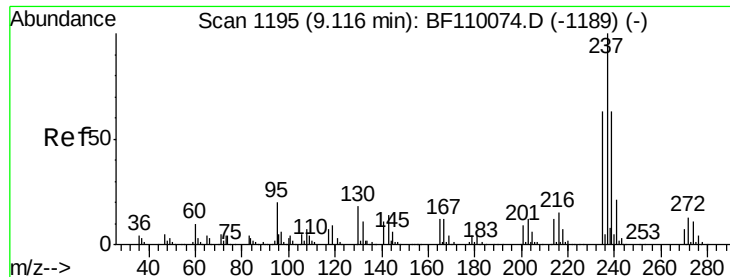
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion	216	214	179	108
Ratio	100	79.0	22.4	19.9
Resp	187951	63.8	16.6	15.1
Lower		95.6	25.0	22.7
Upper				





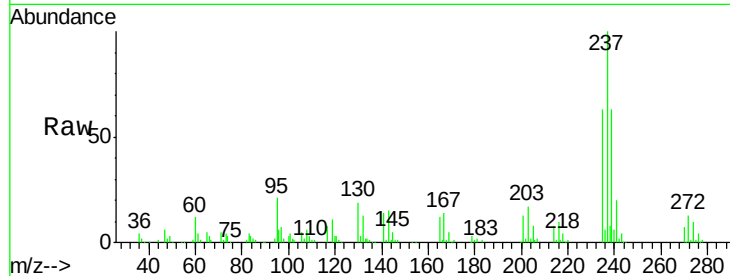
#41
Hexachlorocyclopentadiene
Concen: 22.936 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

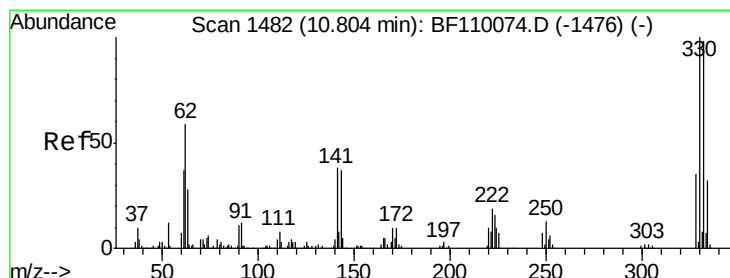
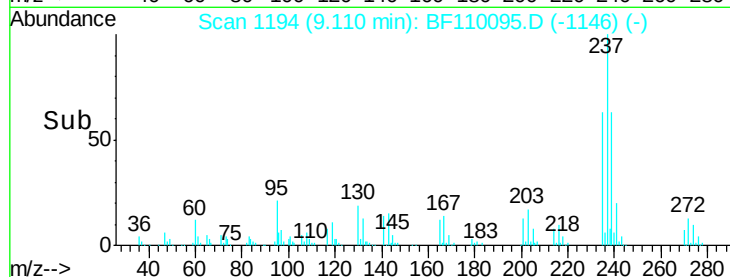
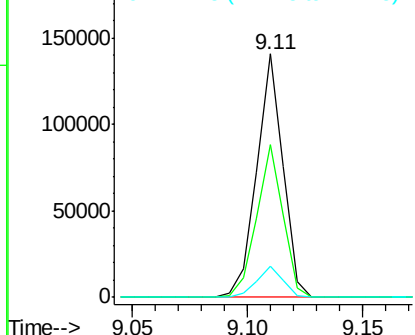
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.6	43.1	83.1
272	12.8	0.0	32.6

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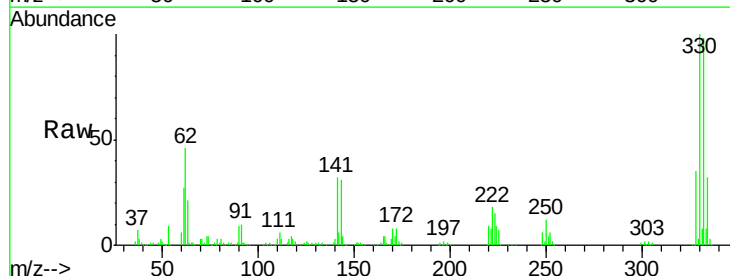


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

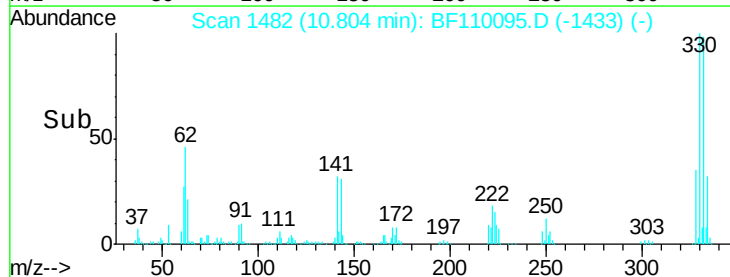
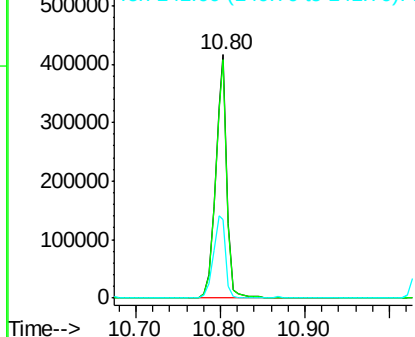


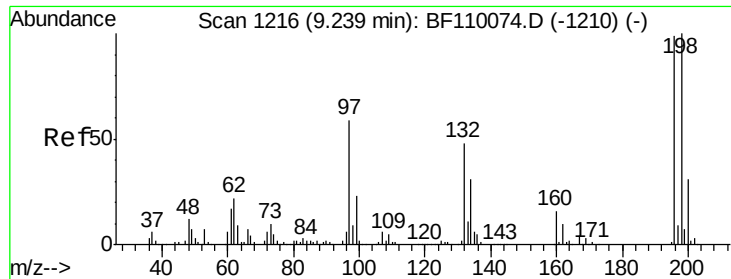
#42
2,4,6-Tribromophenol
Concen: 130.103 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.1	77.1	115.7
141	37.4	27.0	40.4



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





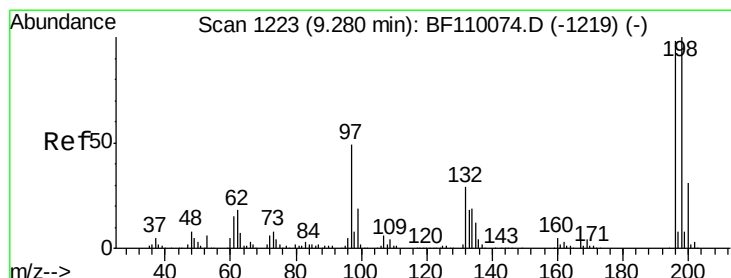
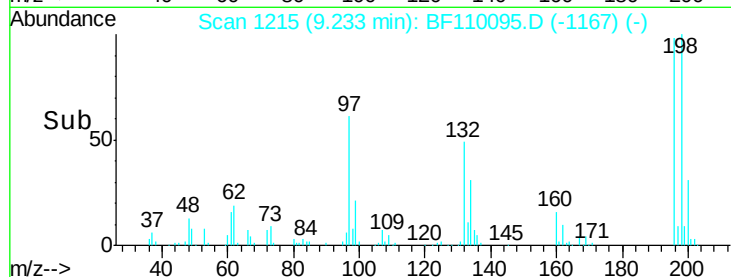
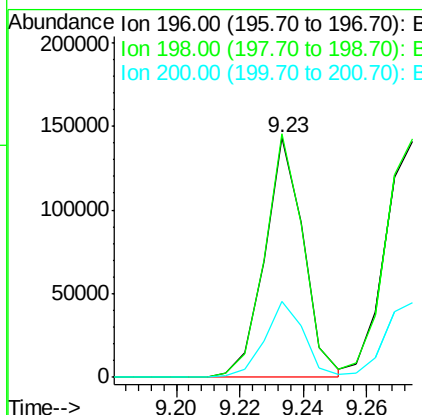
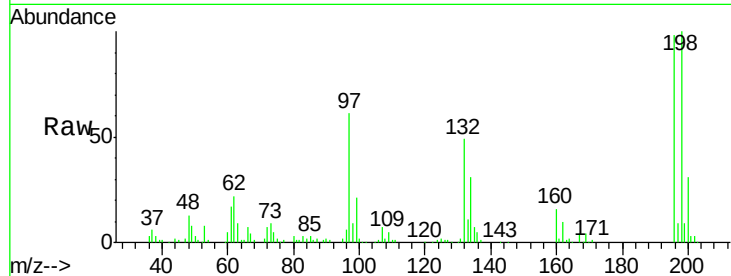
#43
 2,4,6-Trichlorophenol
 Concen: 19.642 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121240		
198	101.6	76.2	114.4	
200	31.8	24.4	36.6	

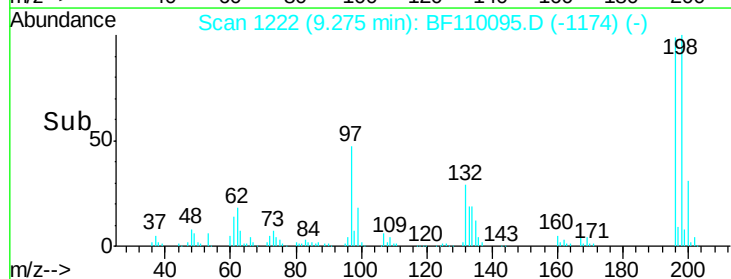
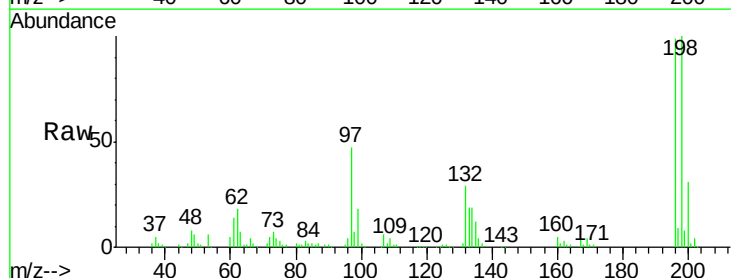
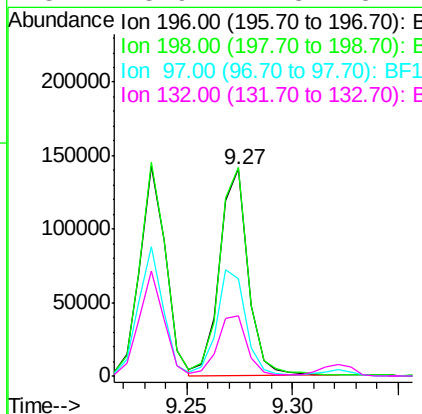
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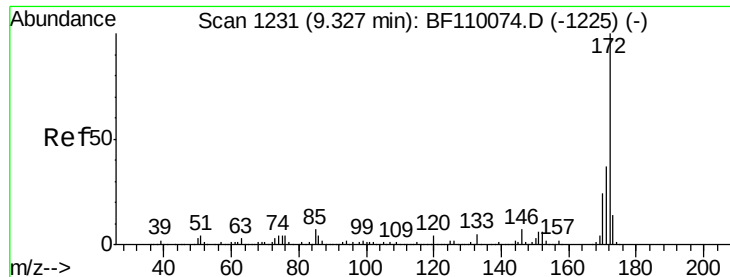
Sohil
 10/24/2018 5:12:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 20.067 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130925		
198	100.9	75.8	113.6	
97	47.0	42.4	63.6	
132	28.9	22.8	34.2	





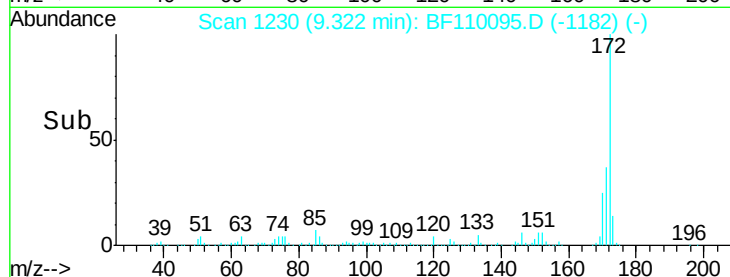
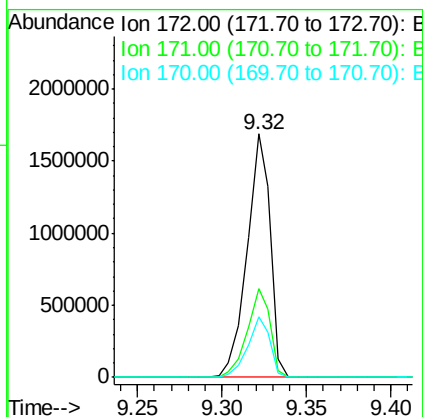
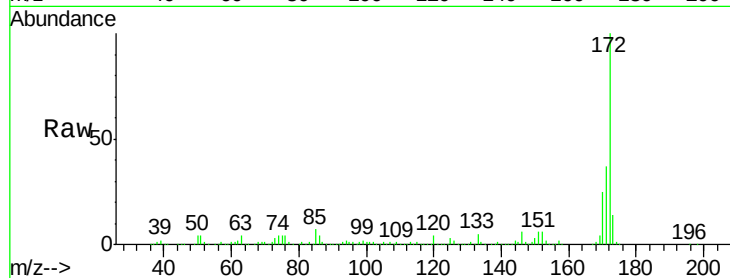
#45
2-Fluorobiphenyl
Concen: 82.997 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:172 Resp: 1623392
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.9 19.7 29.5

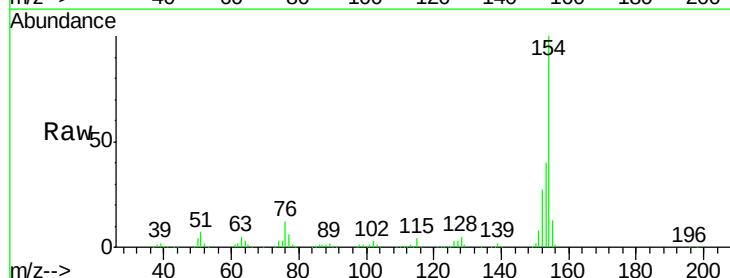
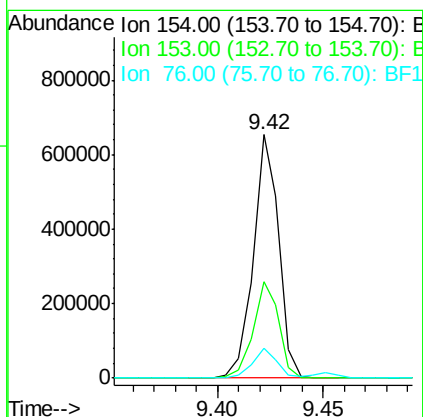
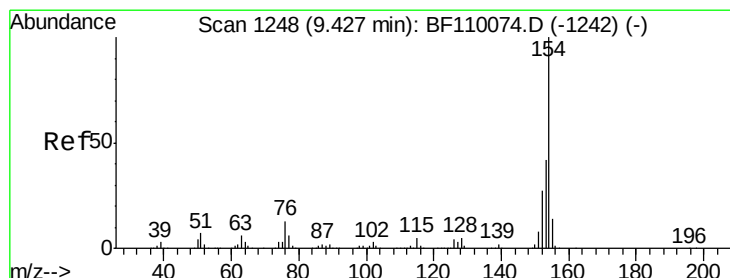
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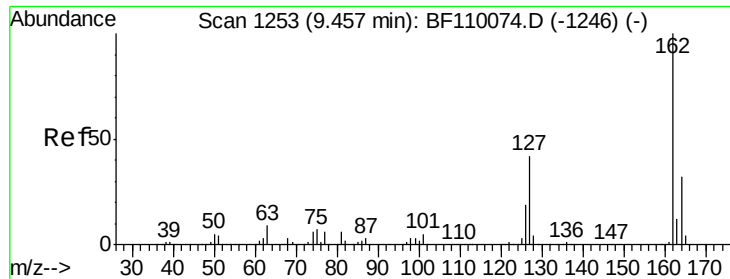
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#46
1,1'-Biphenyl
Concen: 19.568 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:154 Resp: 543478
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.4 0.0 31.9





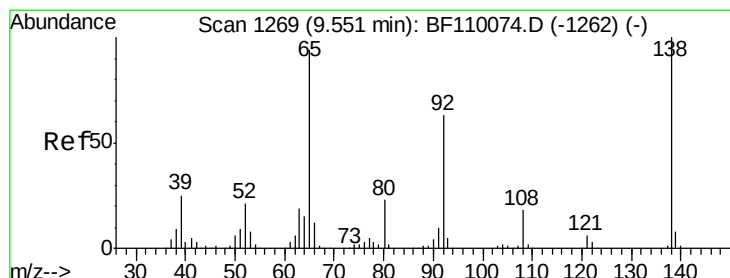
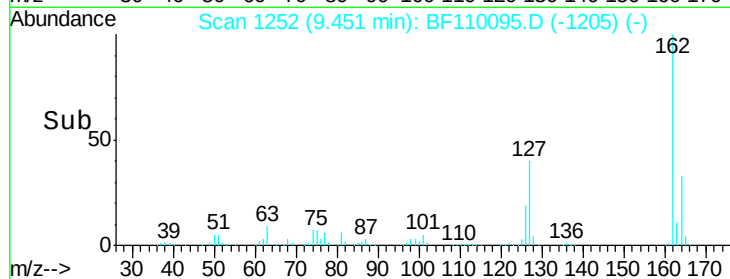
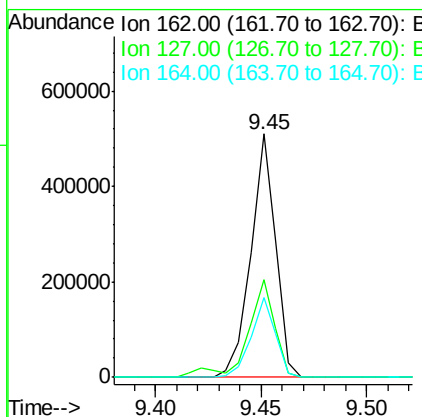
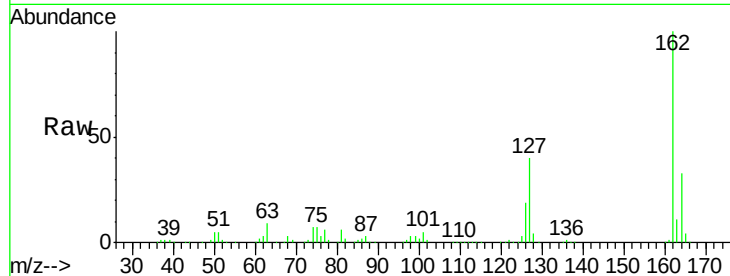
#47
 2-Chloronaphthalene
 Concen: 20.462 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	416869		
127	40.4	32.6	48.8	
164	32.6	25.9	38.9	

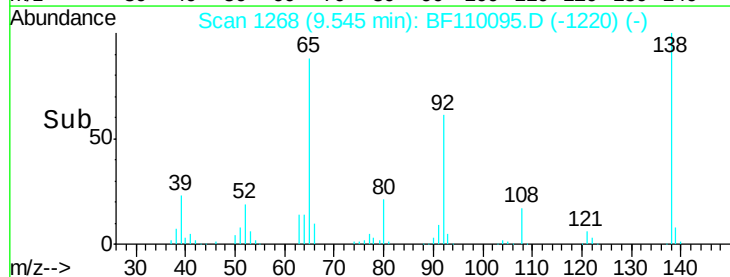
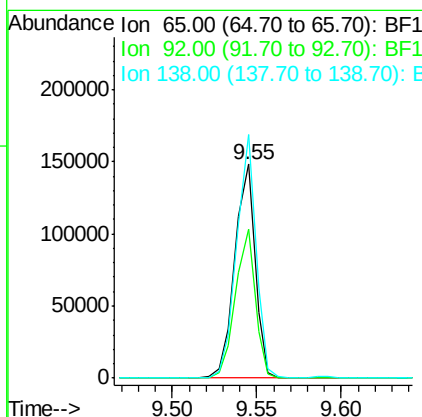
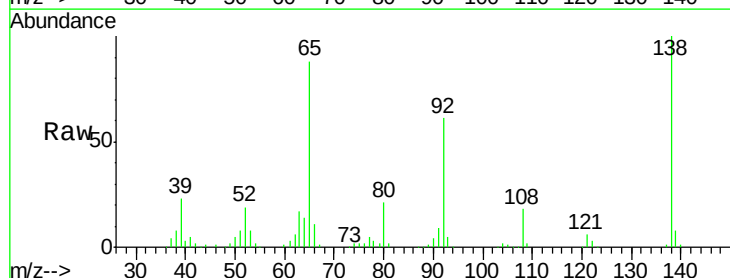
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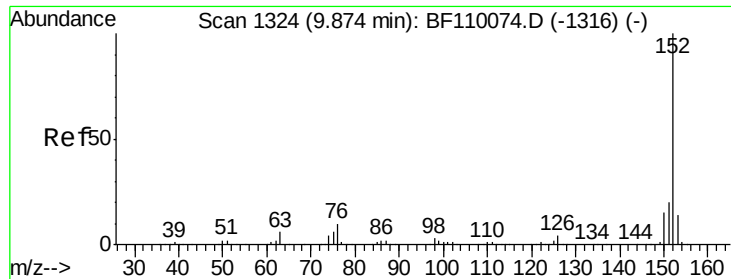
Sohil
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#48
 2-Nitroaniline
 Concen: 20.238 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	124944		
92	69.4	54.6	81.8	
138	113.7	80.3	120.5	





#49

Acenaphthylene

Concen: 22.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

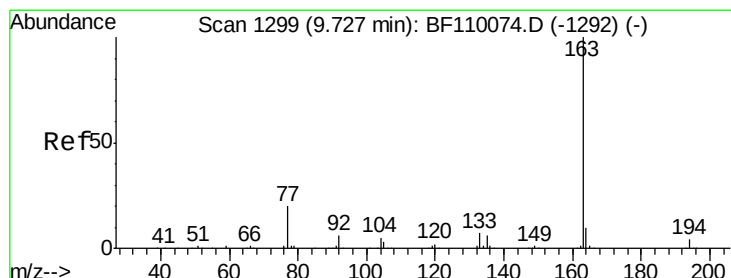
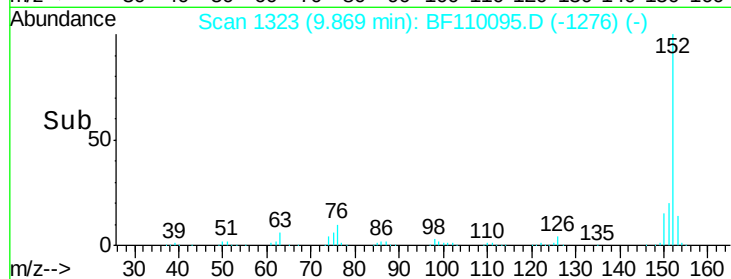
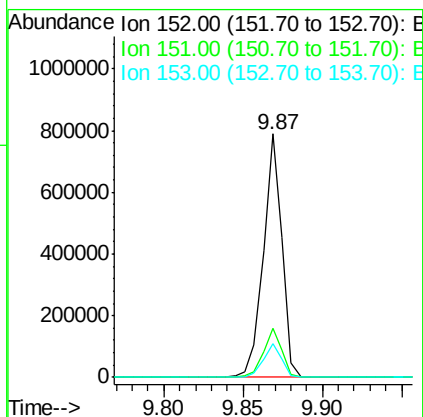
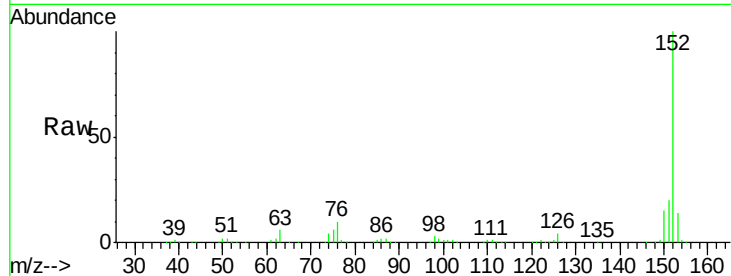
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	152	Resp:	647375
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	14.1	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 20.629 ng

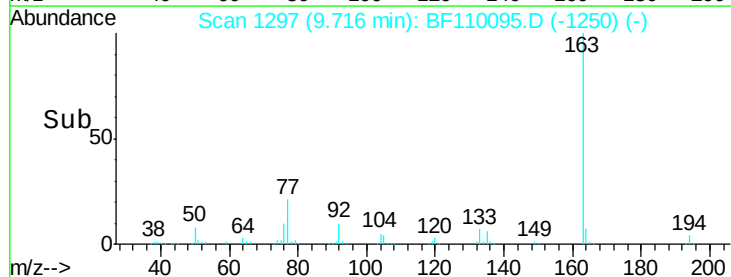
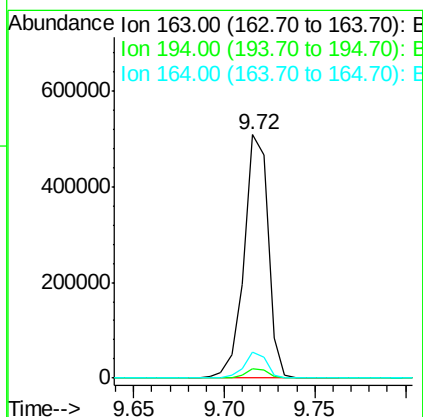
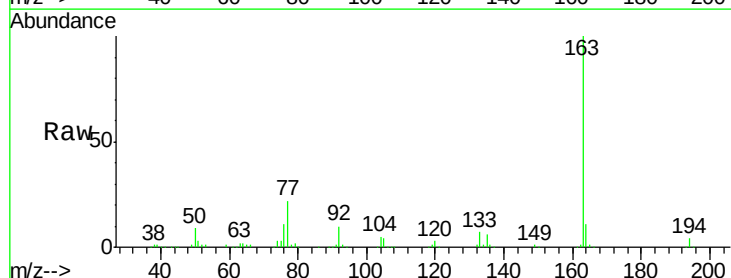
RT: 9.72 min Scan# 1297

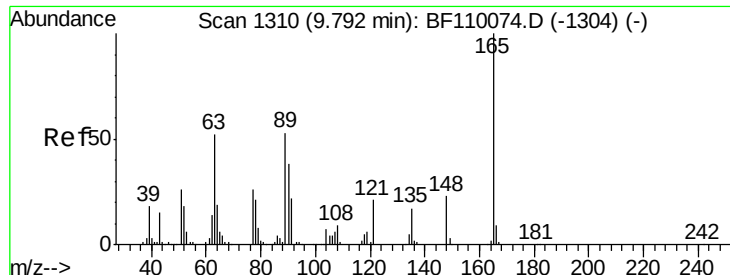
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	163	Resp:	467714
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.8	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 21.273 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

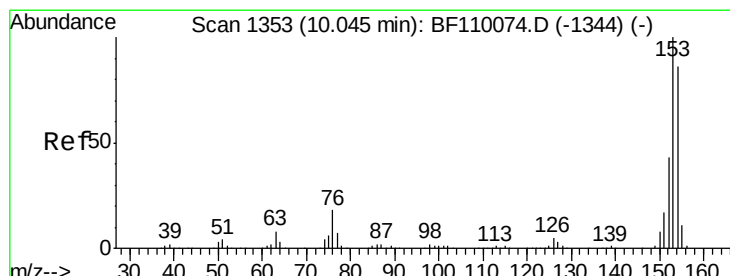
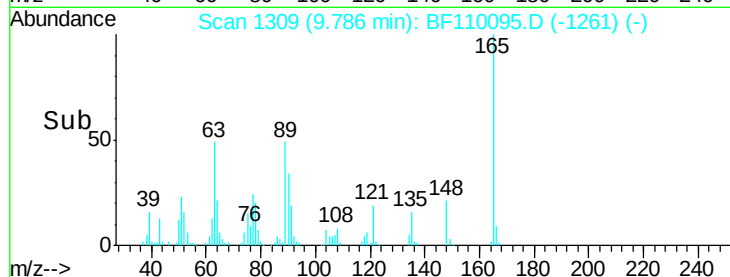
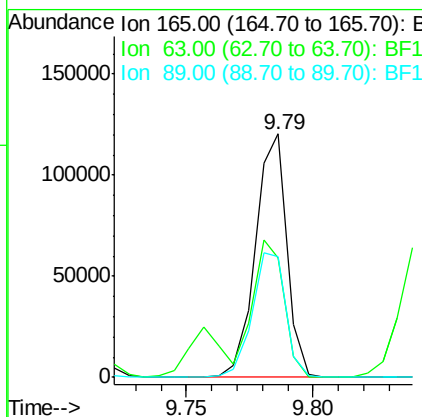
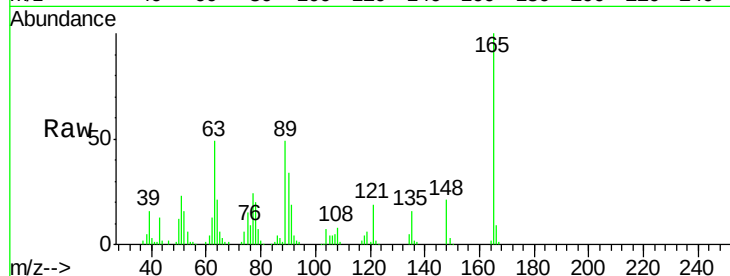
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	165	Resp:	103890
Ion Ratio	Lower	Upper	
165	100		
63	49.0	48.9	73.3
89	49.5	46.6	69.8

Manual Integrations
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#52

Acenaphthene

Concen: 21.247 ng

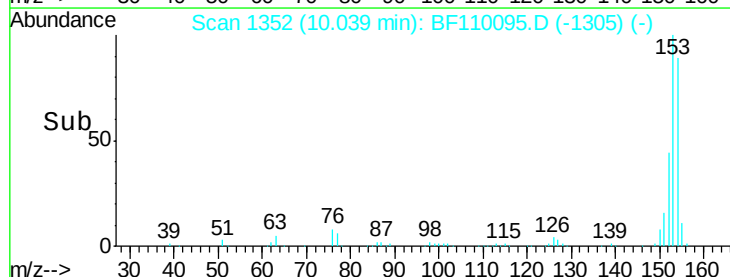
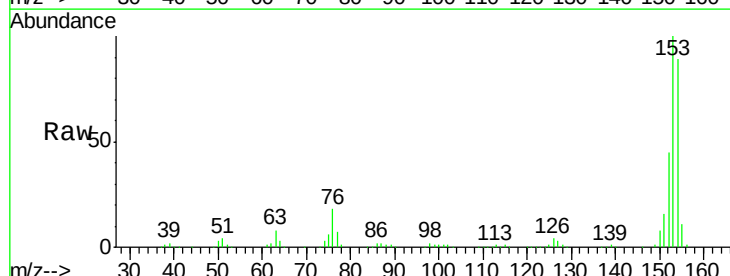
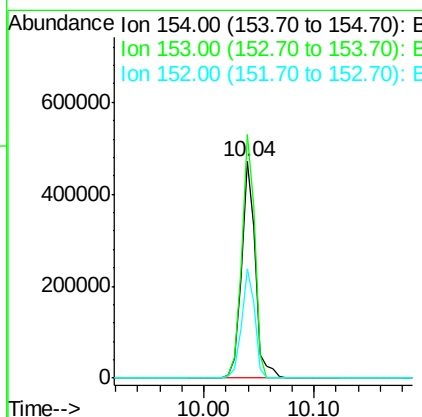
RT: 10.04 min Scan# 1352

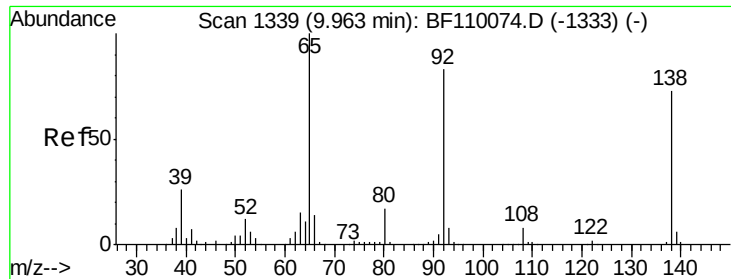
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	154	Resp:	413620
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	50.8	43.4	65.2





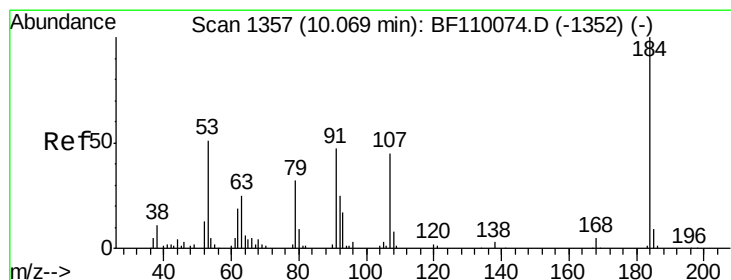
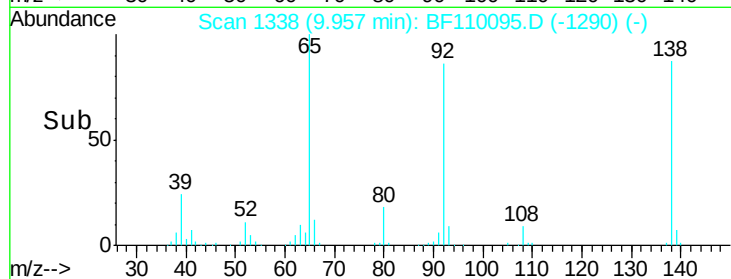
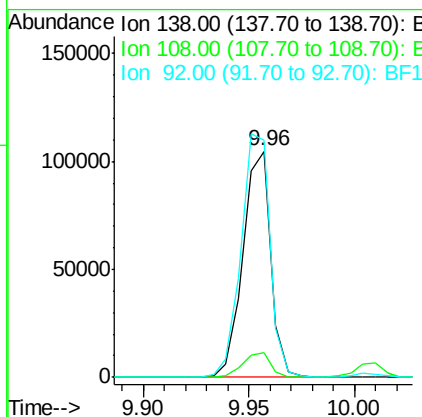
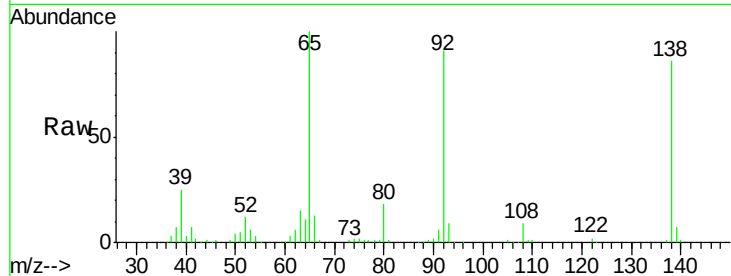
#53
3-Nitroaniline
Concen: 16.489 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.7	13.1
92	105.3	97.0	145.4

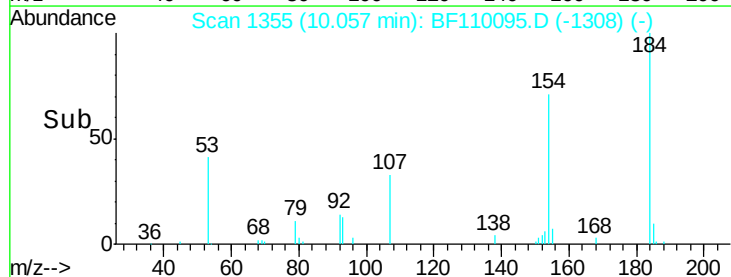
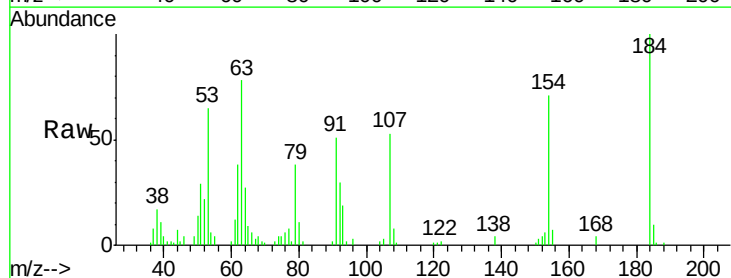
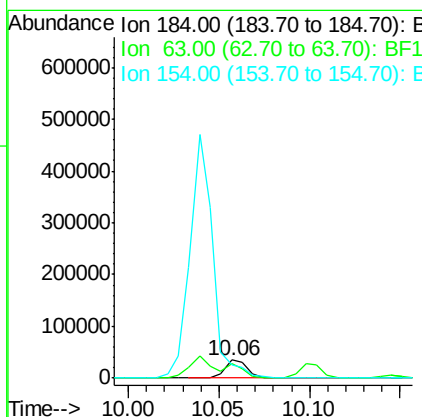
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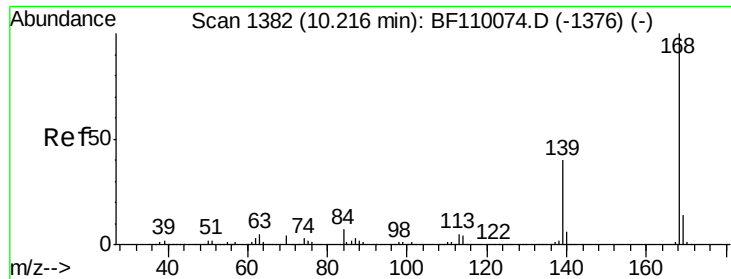
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#54
2,4-Dinitrophenol
Concen: 20.464 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.4	55.8	83.6
154	70.6	63.2	94.8





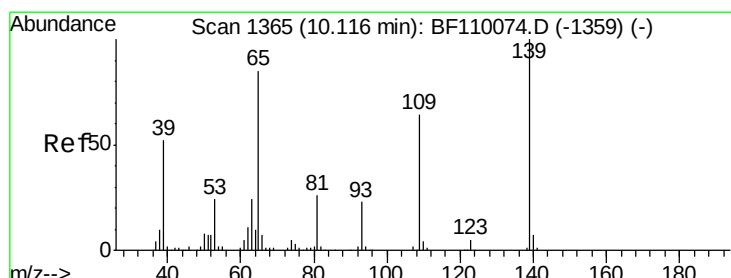
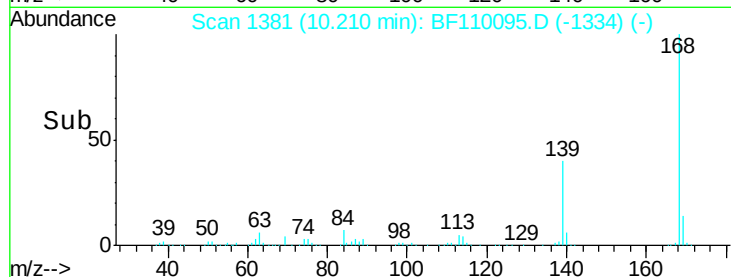
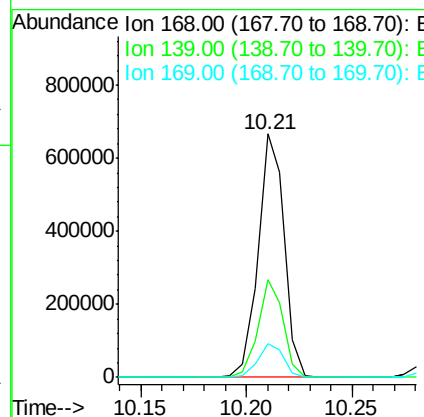
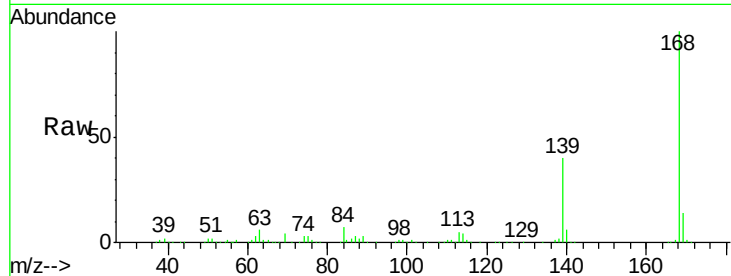
#55
Dibenzenofuran
Concen: 21.022 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	572956		
139	39.9	33.0	49.6	
169	13.6	11.3	16.9	

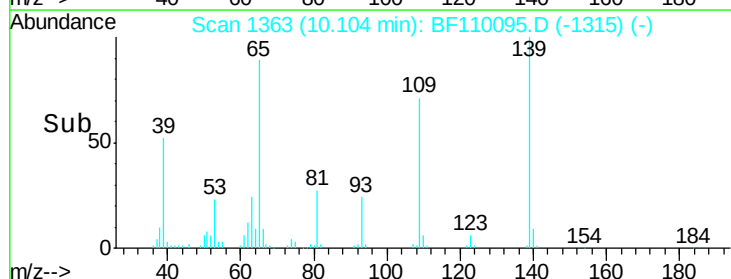
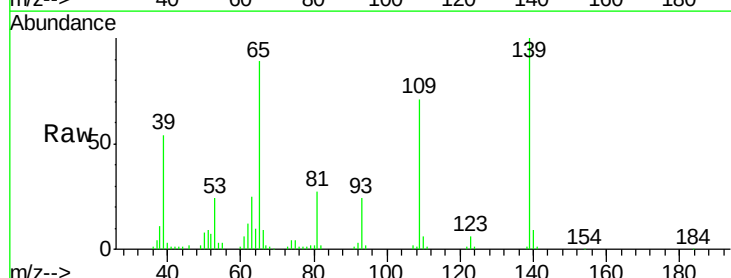
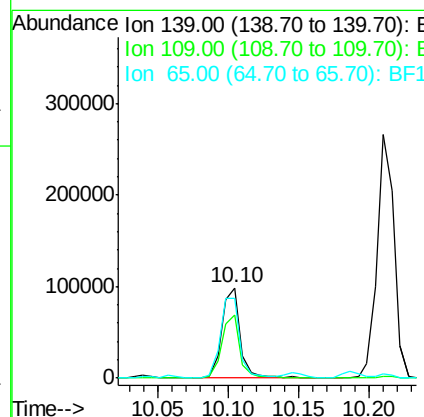
Manual Integrations
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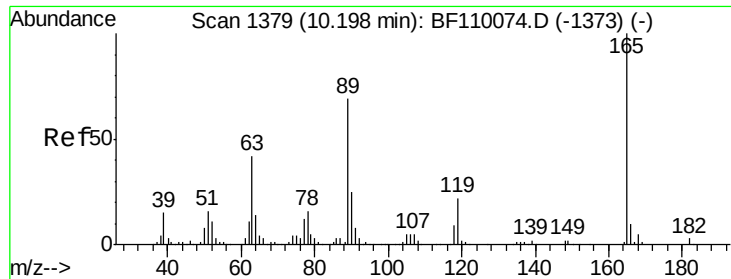
Sohil
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#56
4-Nitrophenol
Concen: 20.866 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	89687		
109	70.6	55.8	95.8	
65	88.7	77.9	117.9	





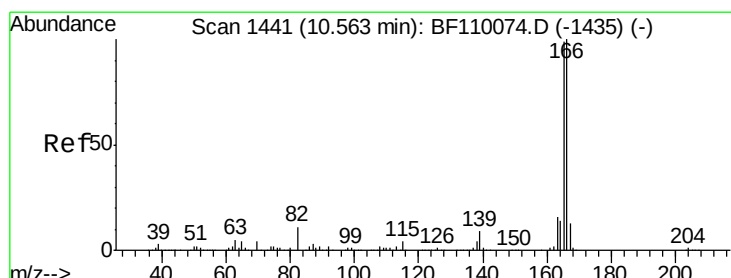
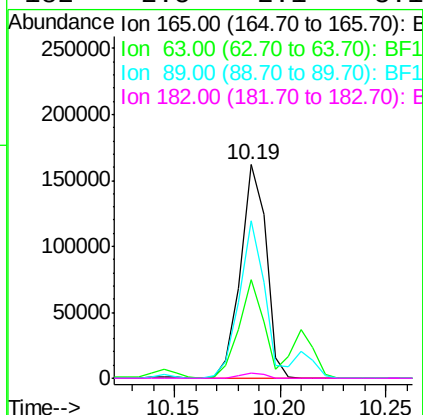
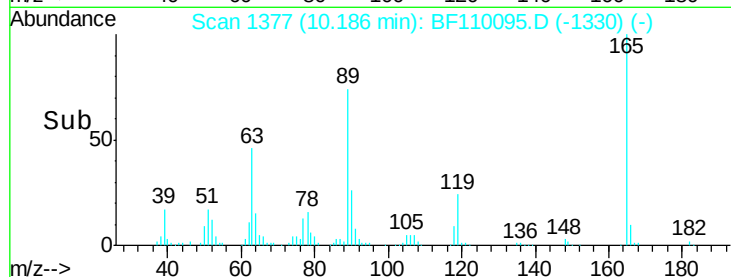
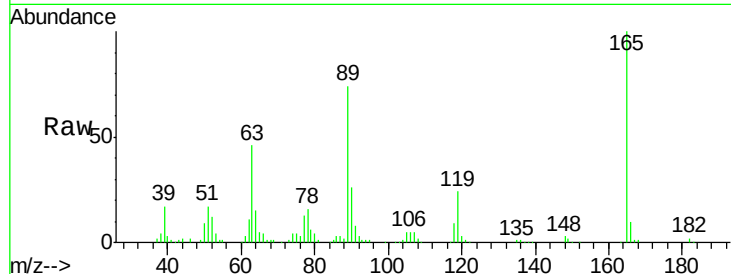
#57
2,4-Dinitrotoluene
Concen: 22.005 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136497		
63	46.2	44.8	67.2	
89	73.5	62.2	93.4	
182	2.5	2.1	3.1	

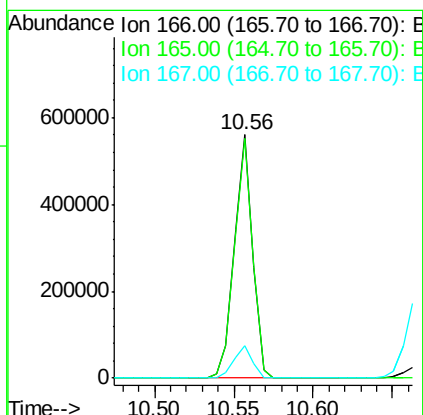
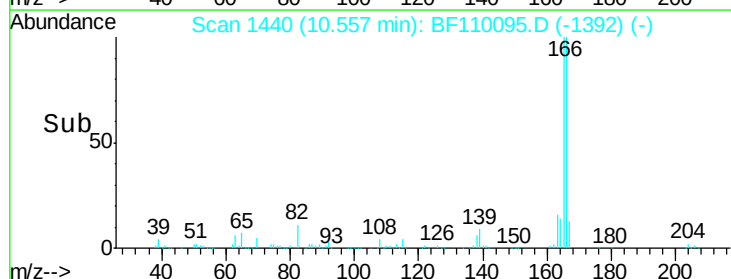
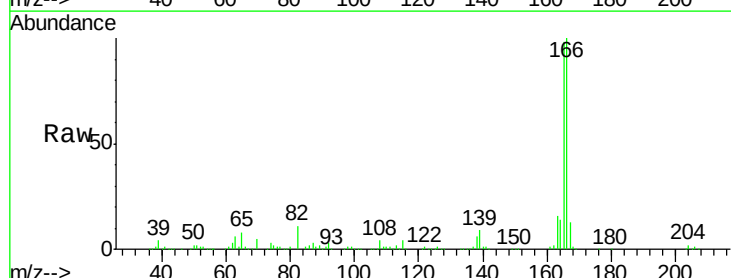
Manual Integrations
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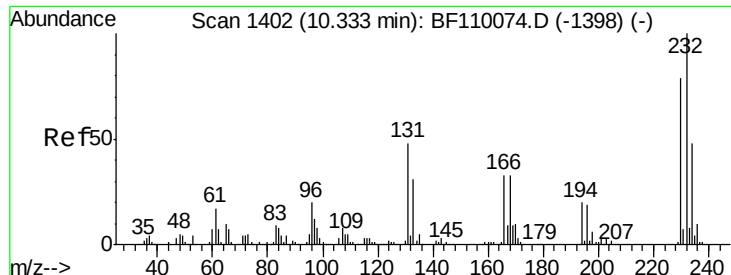
Sohil
10/24/2018 5:12:10 PM



#58
Fluorene
Concen: 22.116 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	448619		
165	98.4	78.6	117.8	
167	13.3	10.8	16.2	





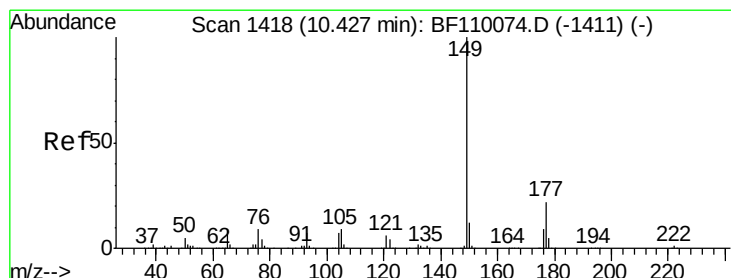
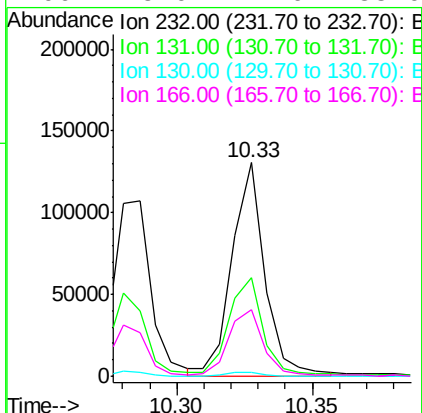
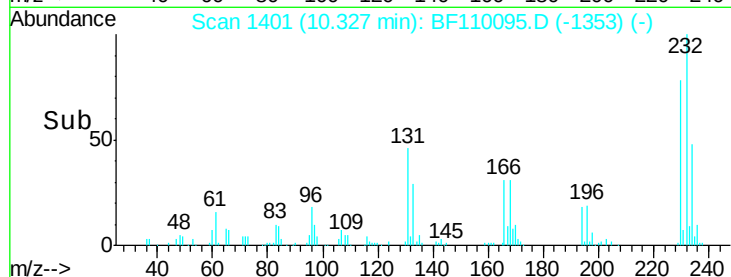
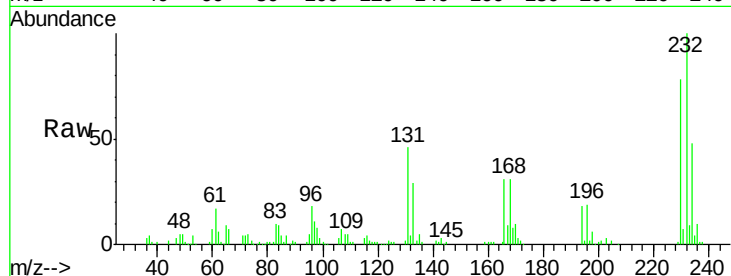
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.883 ng m
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	111058		
131	39.7	37.0	55.4	
130	2.1	1.8	2.6	
166	25.0	22.0	33.0	

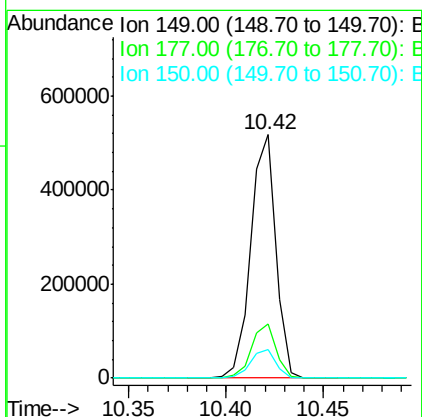
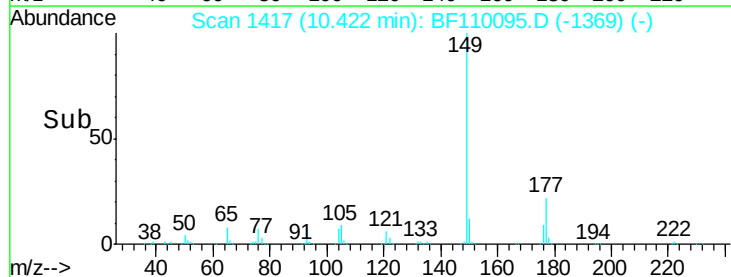
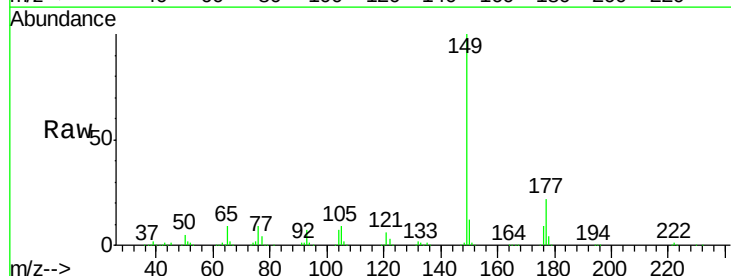
Manual Integrations
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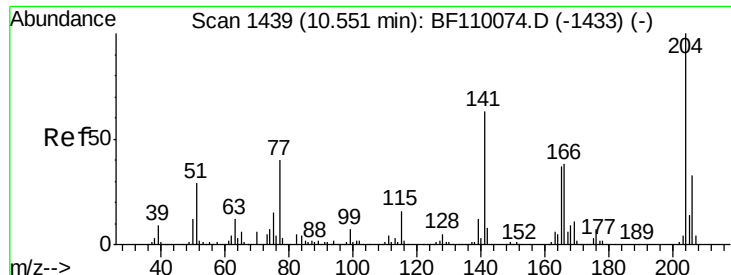
Sohil
 10/24/2018 5:12:10 PM



#60
 Diethylphthalate
 Concen: 20.816 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	460690		
177	22.3	17.4	26.2	
150	11.9	9.8	14.8	





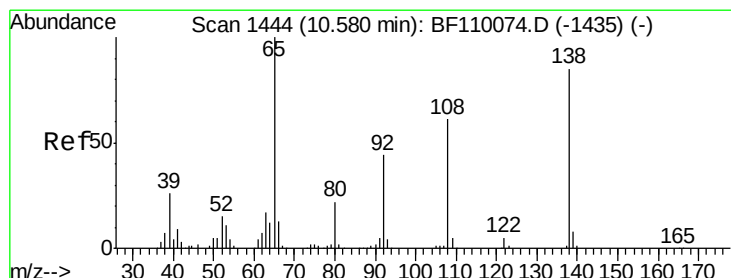
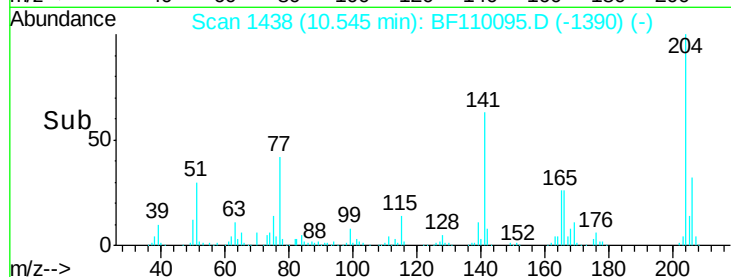
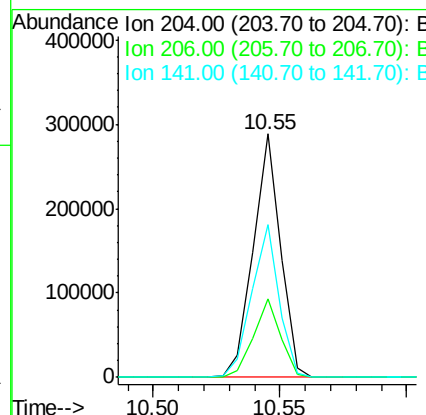
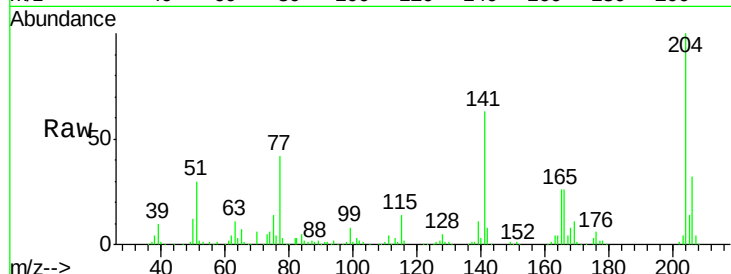
#61
4-Chlorophenyl-phenylether
Concen: 20.258 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	216781		
206	32.0	26.5	39.7	
141	62.8	51.8	77.8	

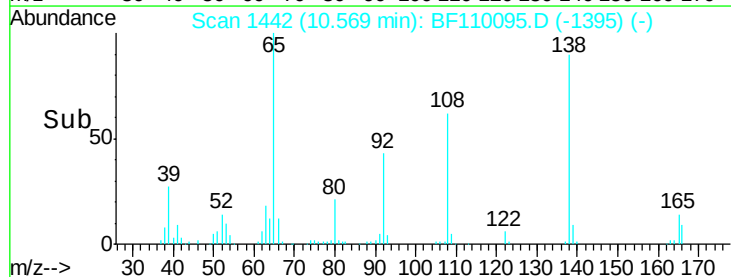
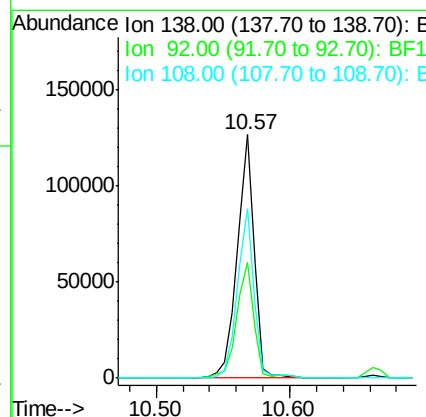
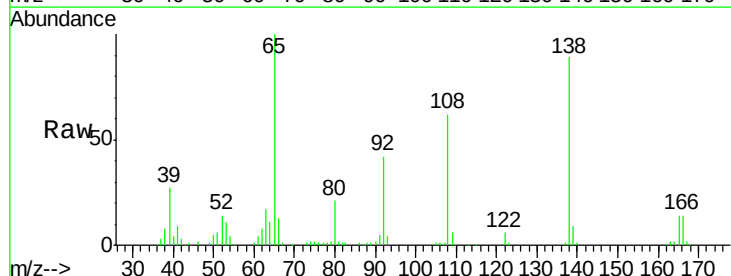
Manual Integrations
APPROVED

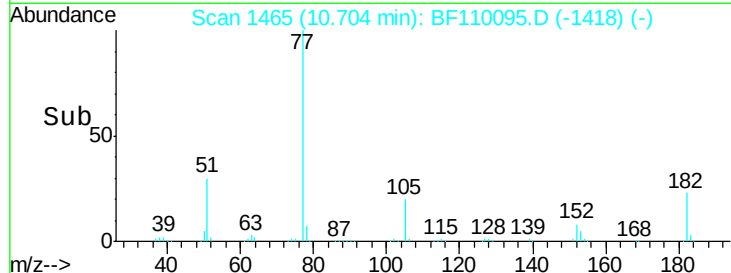
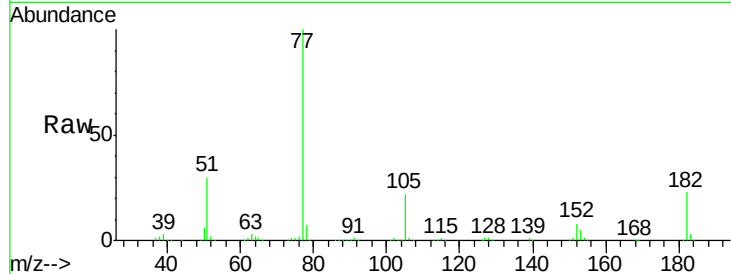
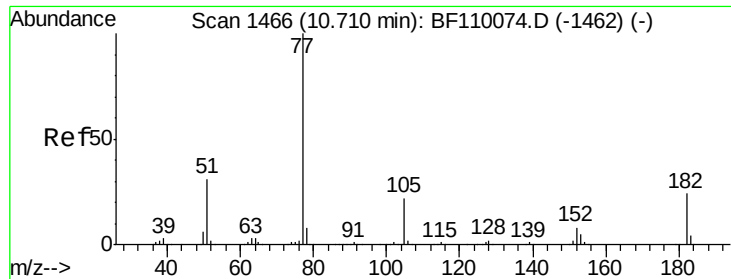
Sohil
10/24/2018 5:12:10 PM



#62
4-Nitroaniline
Concen: 19.960 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	115296		
92	47.5	31.7	71.7	
108	69.7	59.3	99.3	





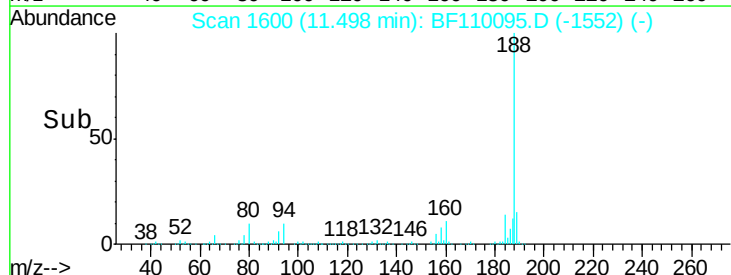
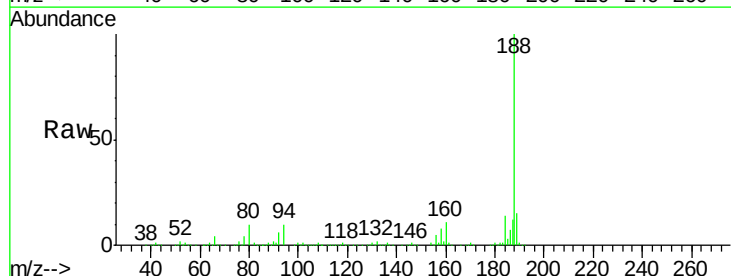
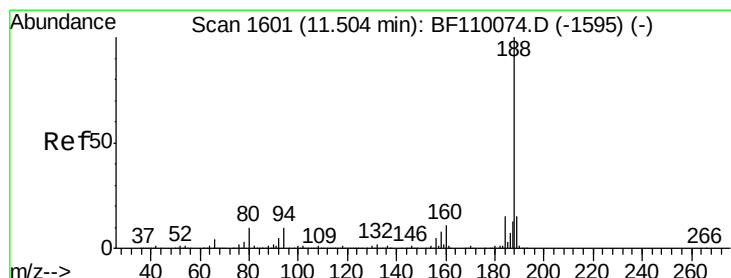
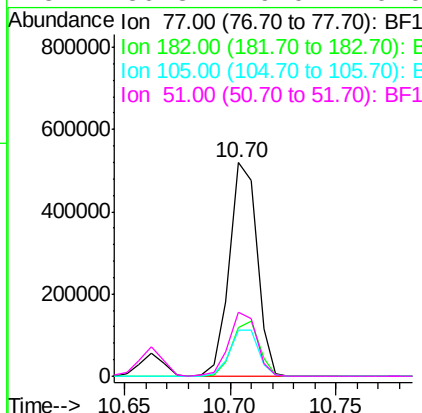
#63
Azobenzene
Concen: 21.412 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	470387		
182	23.0	4.3	44.3	
105	21.8	1.3	41.3	
51	30.3	9.0	49.0	

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

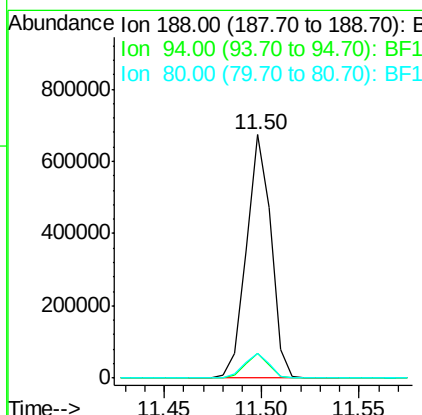
Manual Integrations
APPROVED

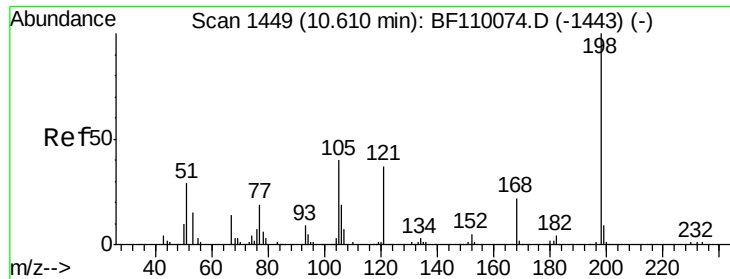
Sohil
10/24/2018 5:12:10 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	587243		
94	10.0	7.2	10.8	
80	10.2	7.9	11.9	





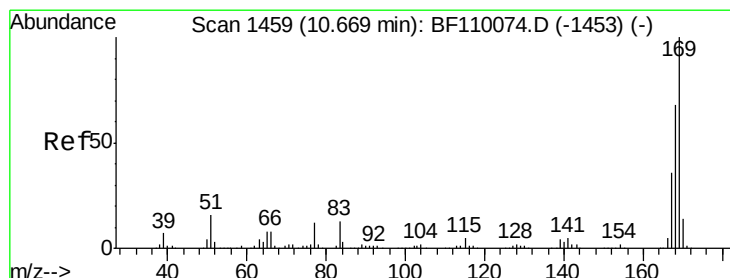
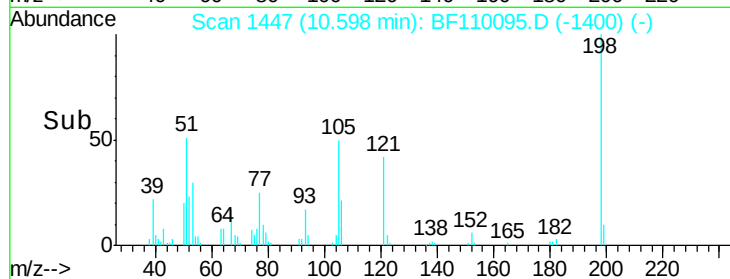
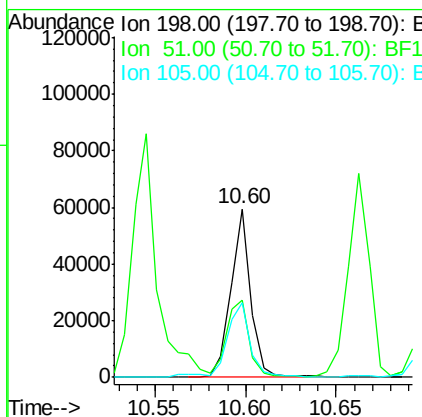
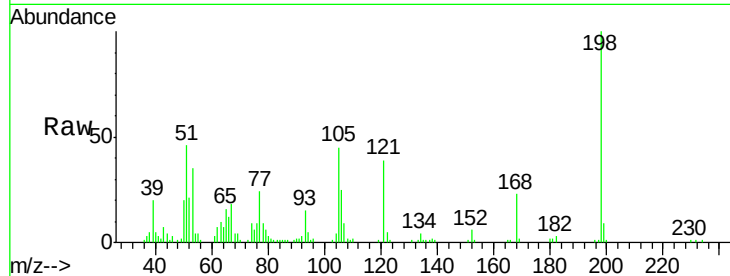
#65
4,6-Dinitro-2-methylphenol
Concen: 17.128 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45953		
51	46.2	22.8	62.8	
105	44.7	23.6	63.6	

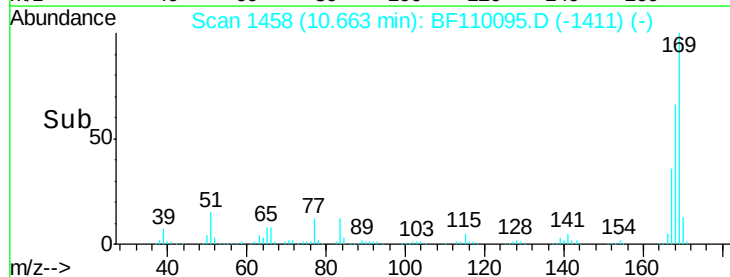
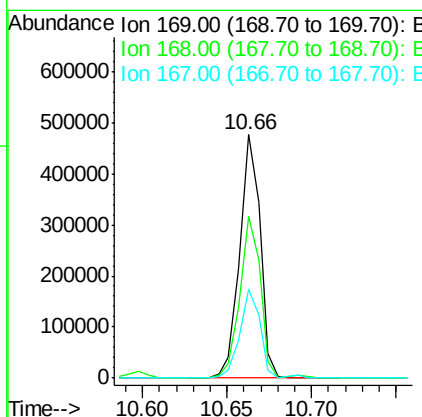
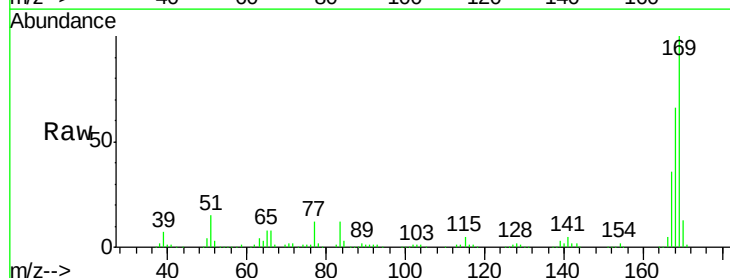
Manual Integrations
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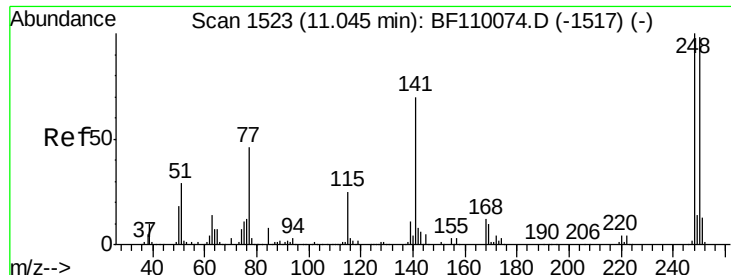
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 20.750 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	399683		
168	66.3	51.2	76.8	
167	36.3	27.8	41.6	





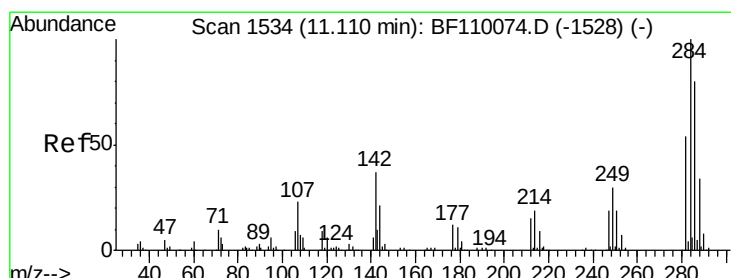
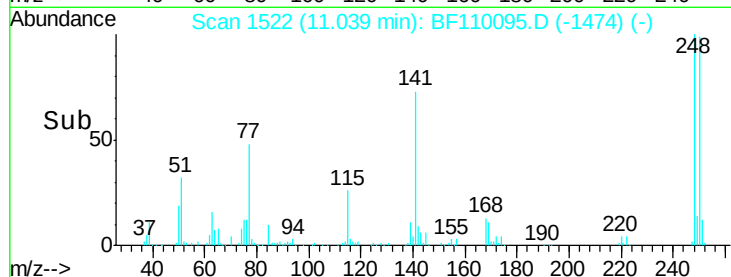
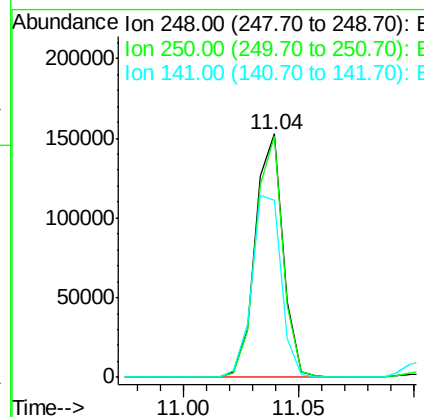
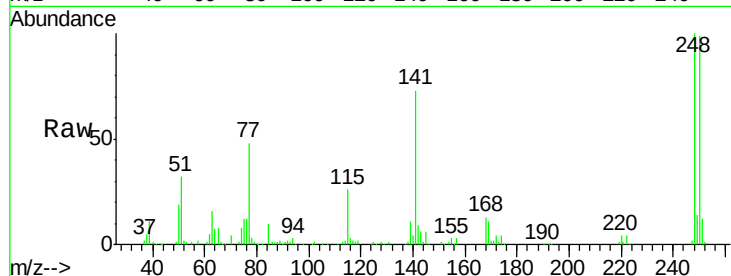
#67
 4-Bromophenyl-phenylether
 Concen: 20.248 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.4	119.2
141	72.5	55.9	83.9

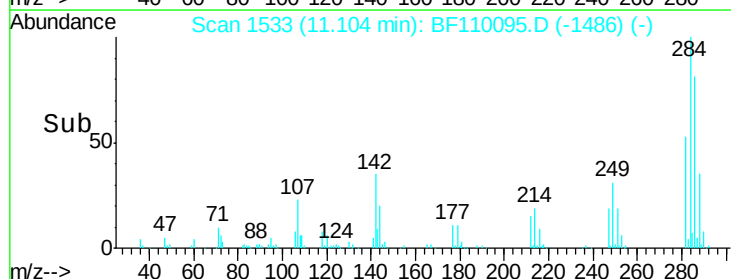
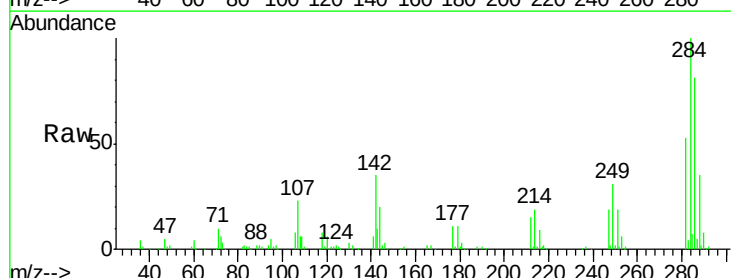
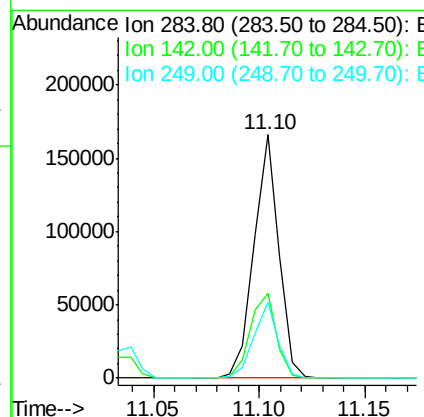
Manual Integrations
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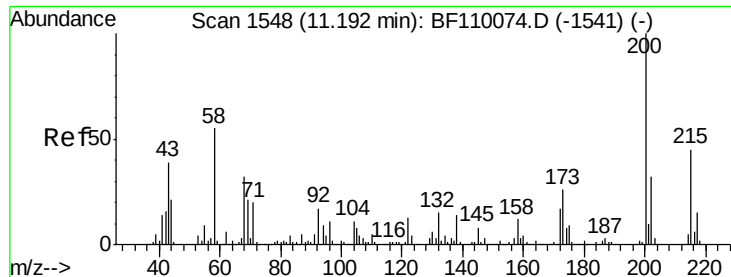
Sohil
 10/24/2018 5:12:10 PM



#68
 Hexachlorobenzene
 Concen: 20.098 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	23.9	35.9
249	31.3	24.2	36.2





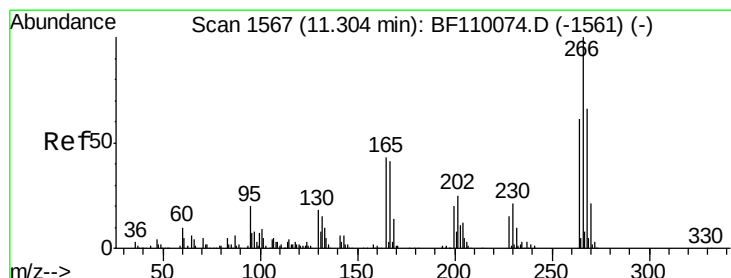
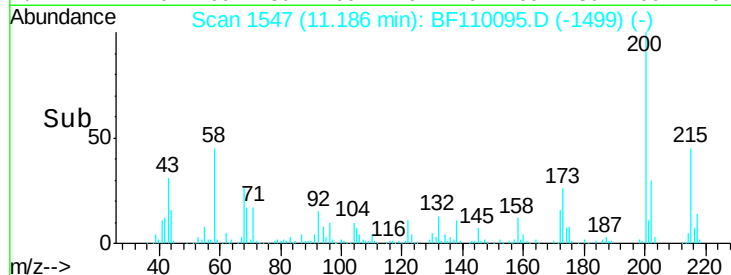
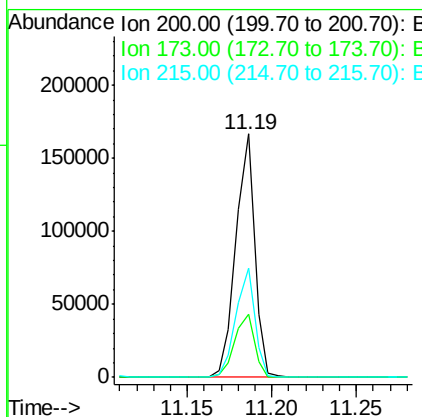
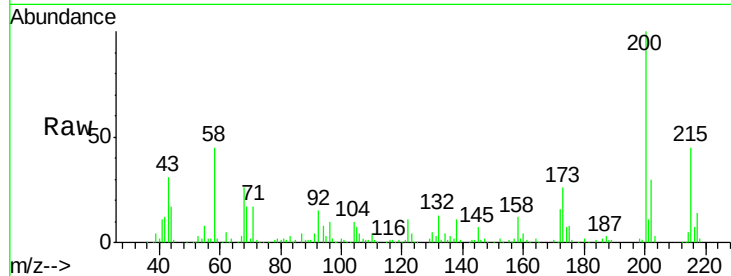
#69
Atrazine
Concen: 21.278 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	6.6	46.6
215	45.1	26.3	66.3

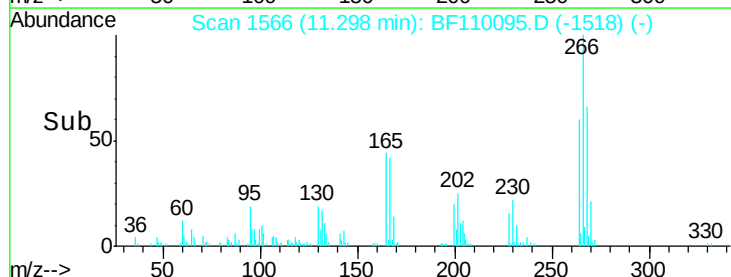
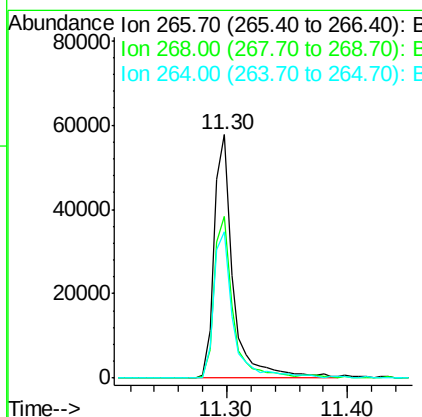
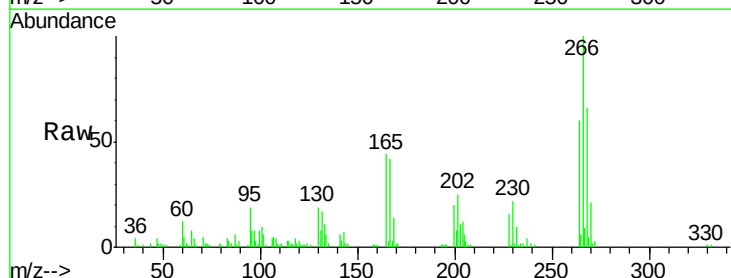
Manual Integrations
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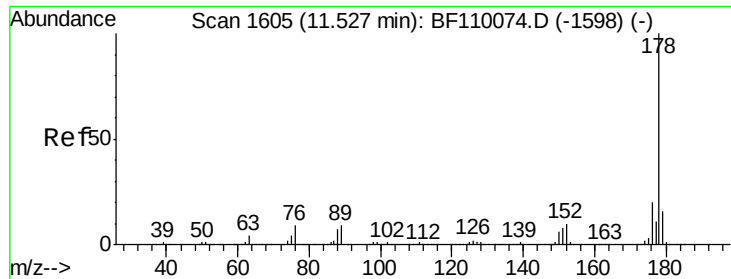
Sohil
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#70
Pentachlorophenol
Concen: 15.766 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.3	50.6	75.8
264	60.1	50.6	75.8





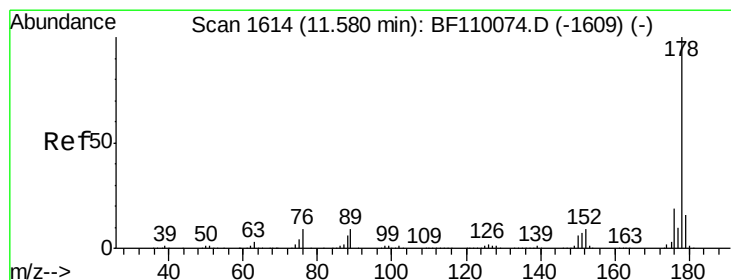
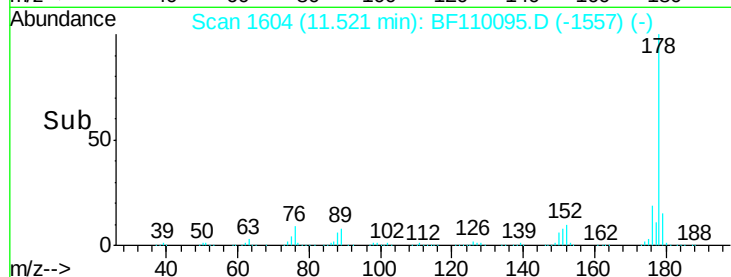
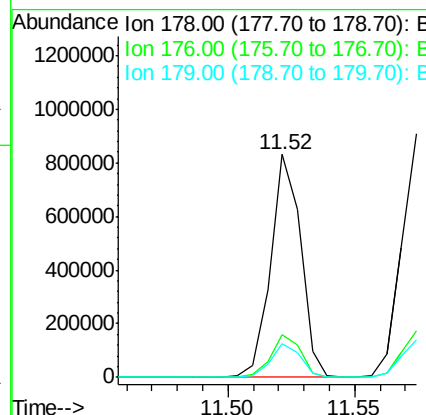
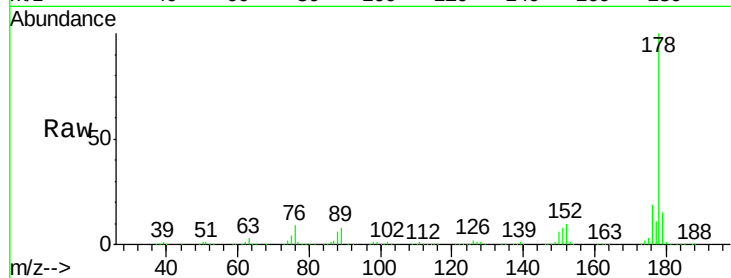
#71
Phenanthrene
Concen: 22.247 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.5	18.7

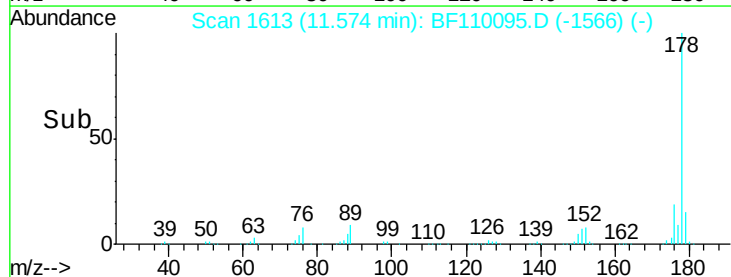
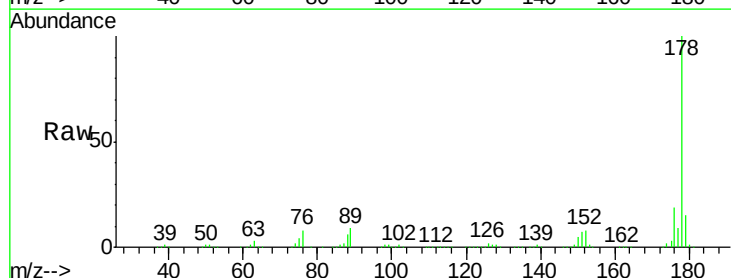
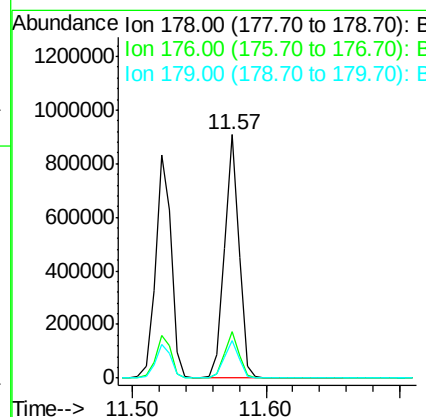
Manual Integrations
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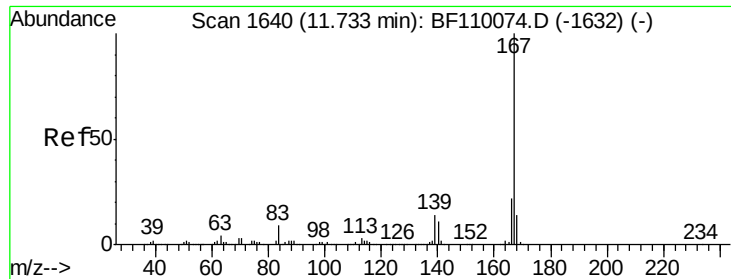
Sohil
10/24/2018 5:12:10 PM



#72
Anthracene
Concen: 22.904 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	18.8





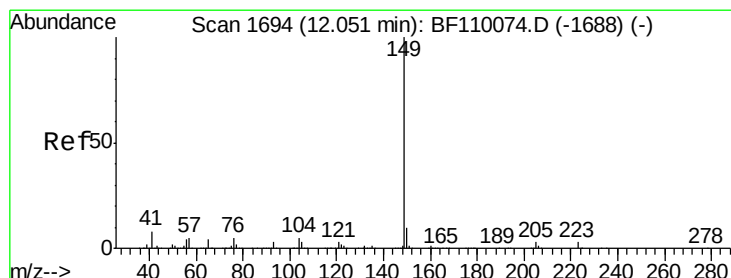
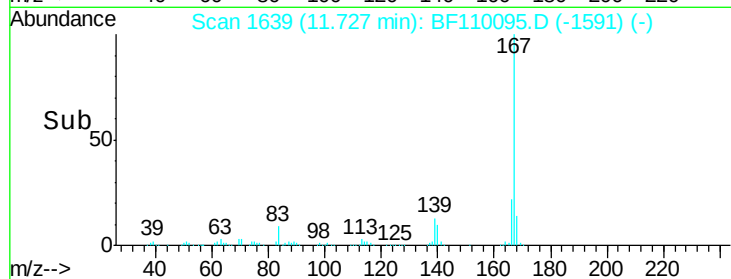
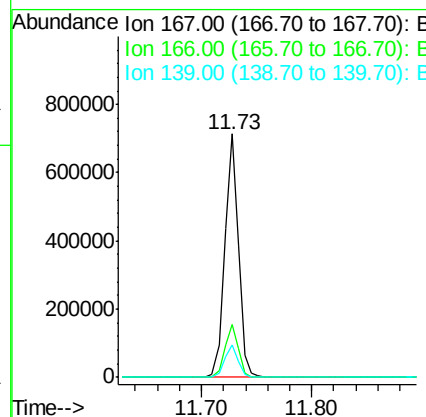
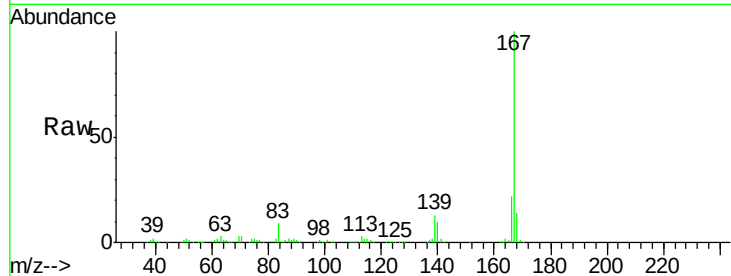
#73
 Carbazole
 Concen: 20.335 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.3	10.9	16.3

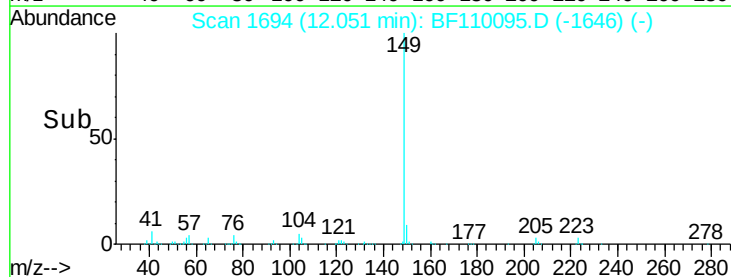
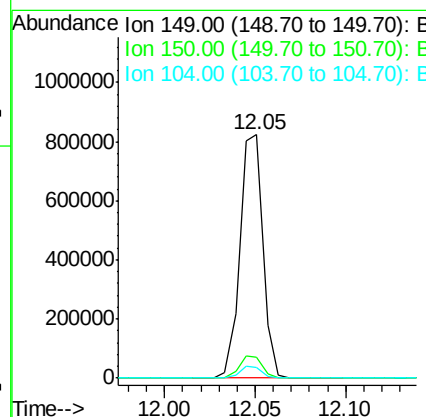
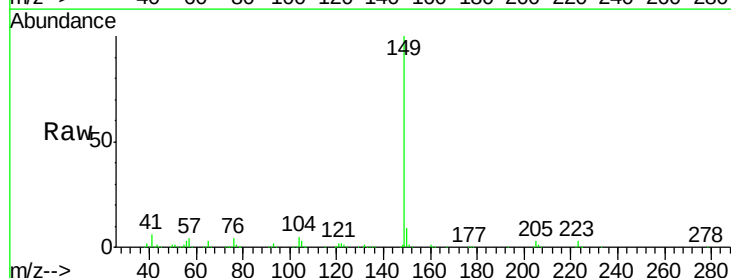
Manual Integrations
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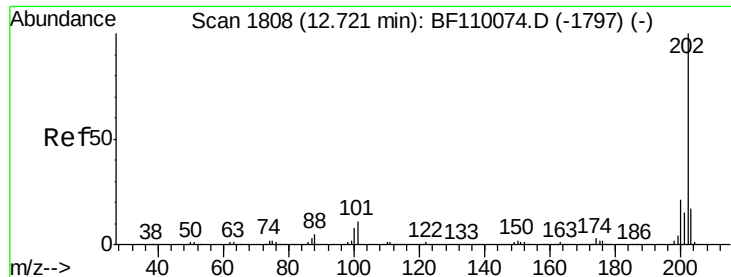
Sohil
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#74
 Di-n-butylphthalate
 Concen: 21.381 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.5	4.2	6.4





#75

Fluoranthene

Concen: 22.297 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

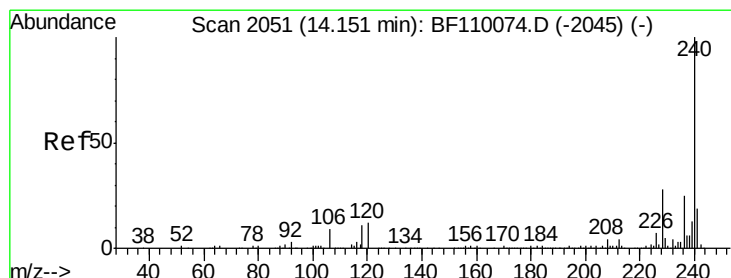
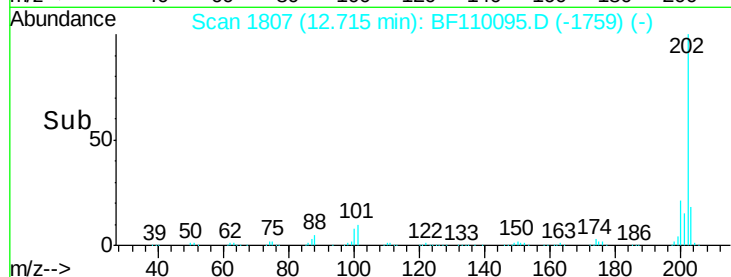
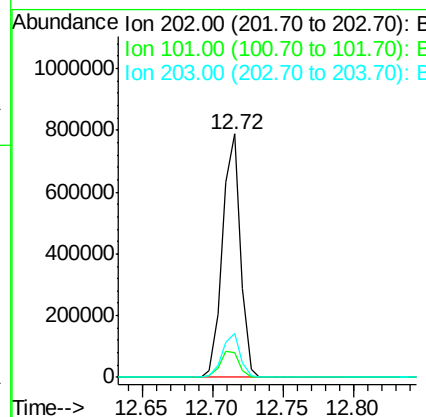
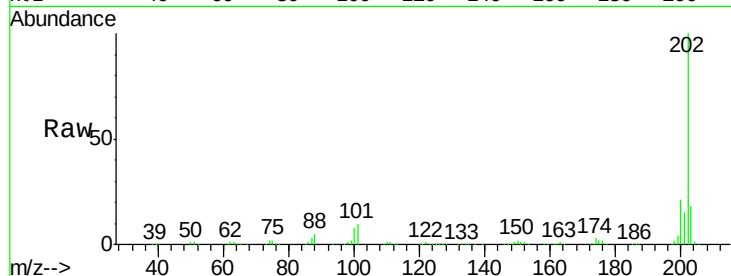
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		695325		
101	10.3	0.0	31.4		
203	17.8	0.0	37.7		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

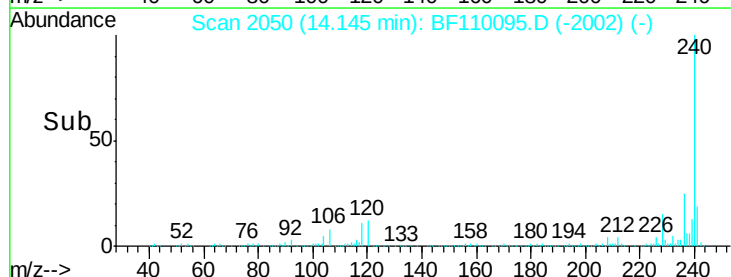
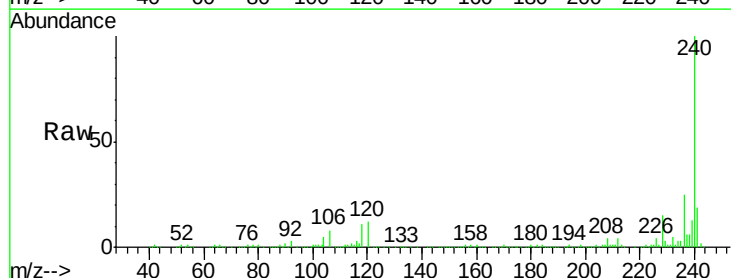
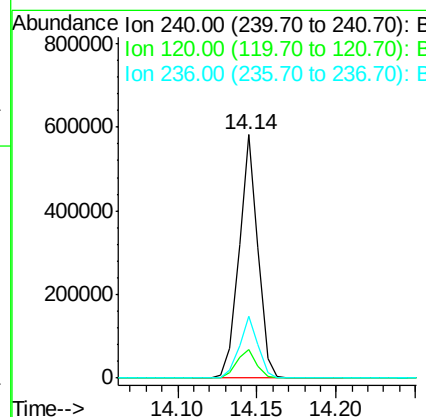
RT: 14.14 min Scan# 2050

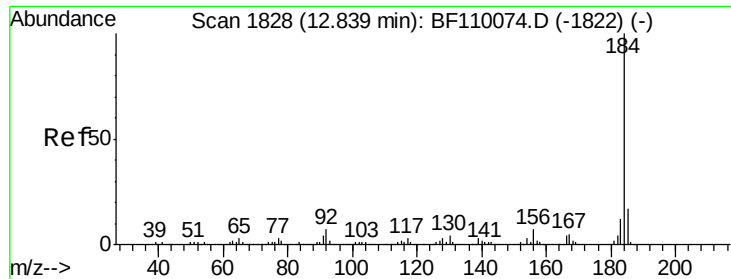
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		477470		
120	11.5	8.3	12.5		
236	25.4	21.2	31.8		





#77

Benzidine

Concen: 11.571 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

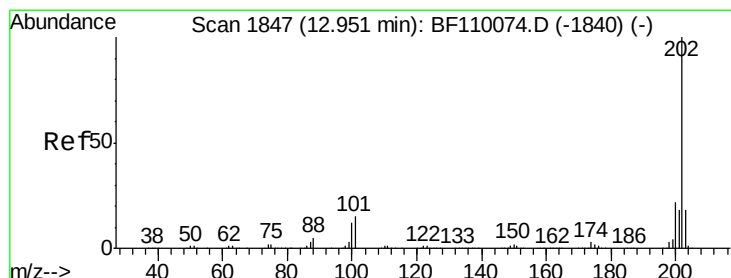
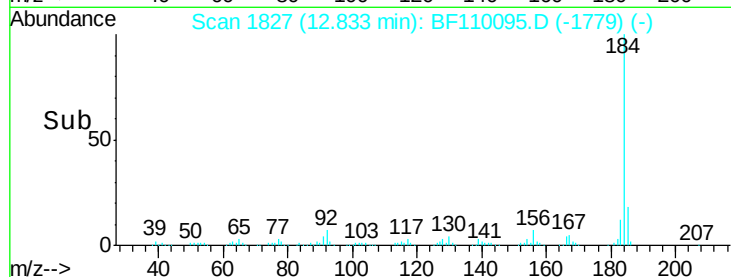
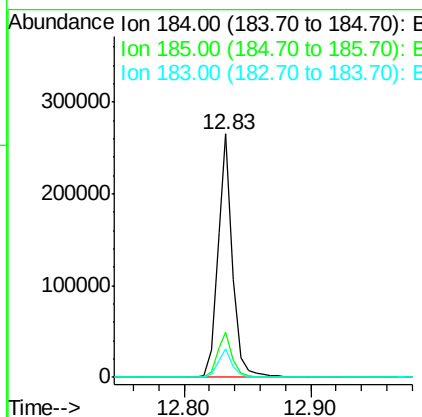
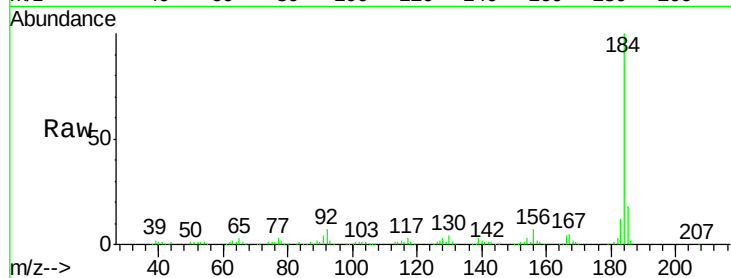
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:	184	Resp:	213355
Ion Ratio	Lower	Upper	
184	100		
185	18.4	13.4	20.2
183	11.7	9.4	14.2

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#78

Pyrene

Concen: 20.368 ng

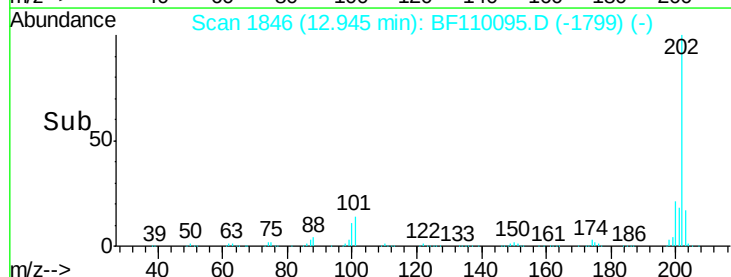
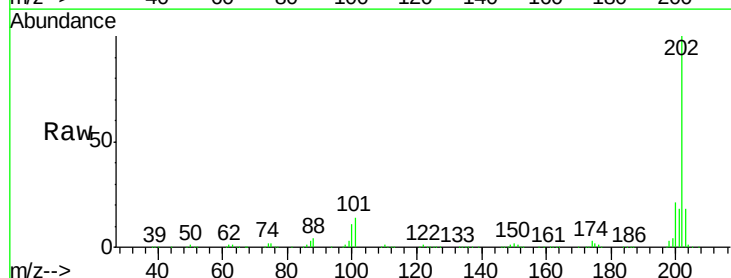
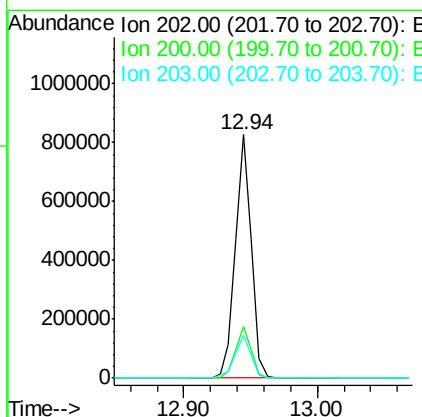
RT: 12.94 min Scan# 1846

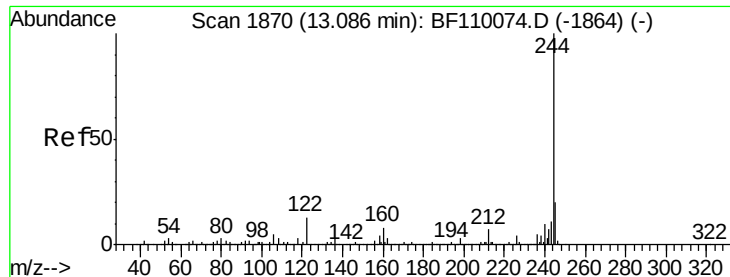
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:	202	Resp:	697220
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.5	14.2	21.4





#79

Terphenyl-d14

Concen: 72.264 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:244 Resp: 1659064

Ion Ratio Lower Upper

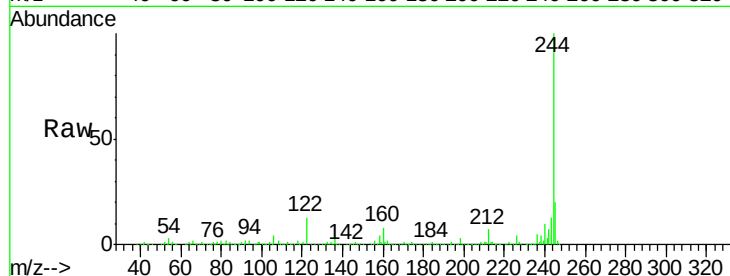
244 100

212 7.3 5.8 8.8

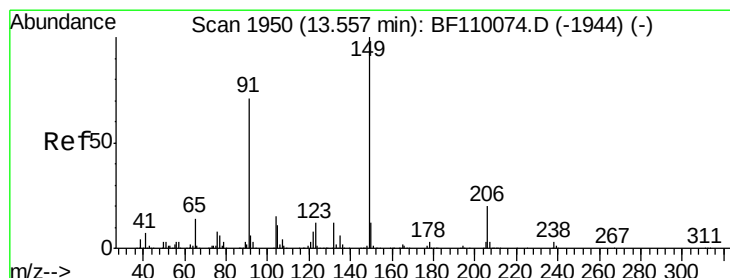
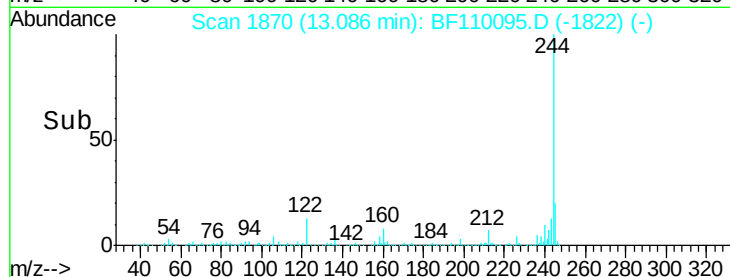
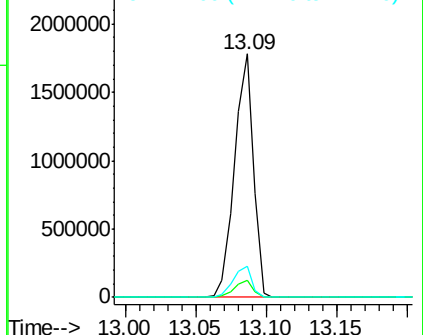
122 12.6 8.7 13.1

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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



#80

Butylbenzylphthalate

Concen: 20.204 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

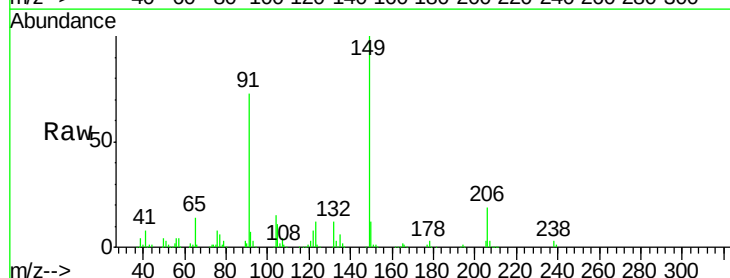
Tgt Ion:149 Resp: 300174

Ion Ratio Lower Upper

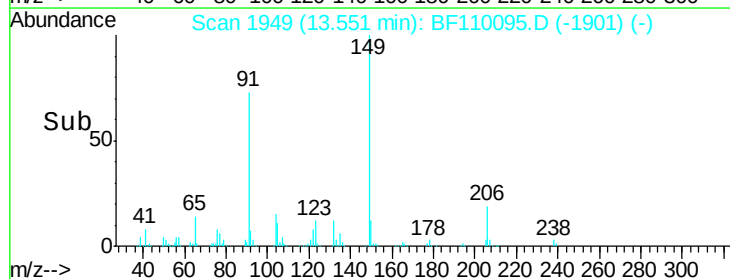
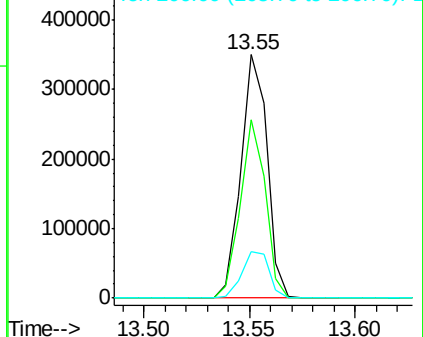
149 100

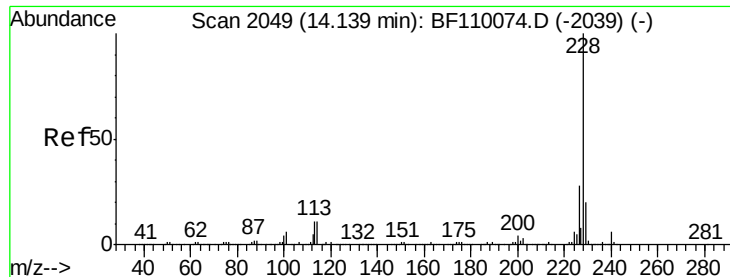
91 73.3 57.2 85.8

206 19.3 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.426 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

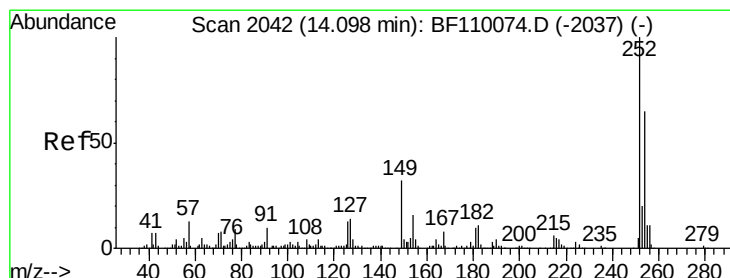
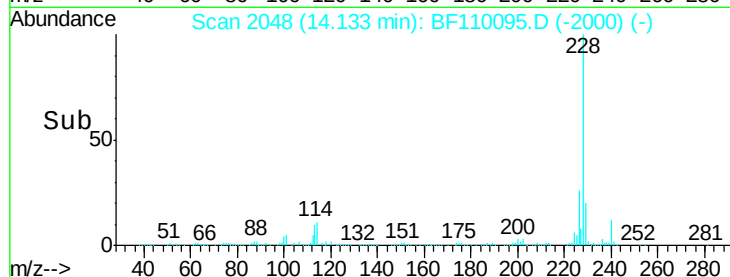
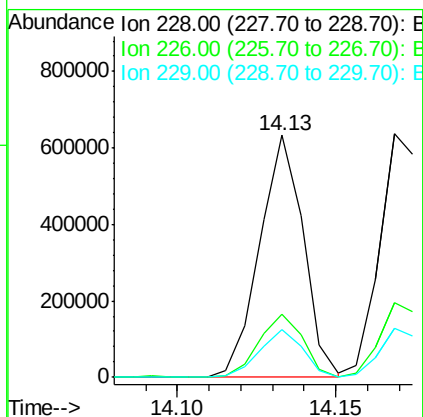
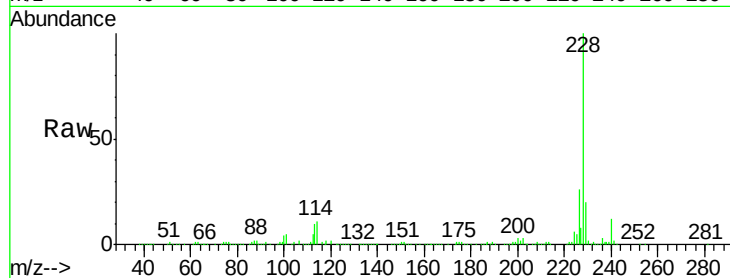
ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt	Ion	228	Resp:	606681
	Ratio	100	Lower	Upper
	228	100		
	226	26.3	22.1	33.1
	229	19.5	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 16.210 ng

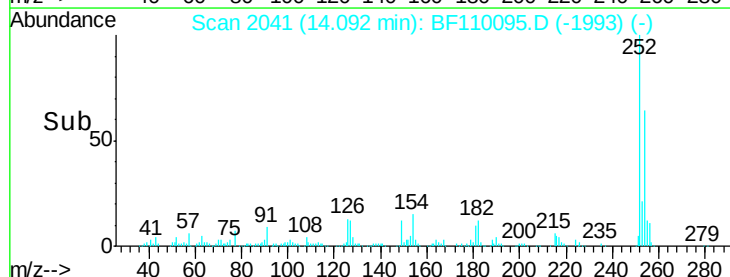
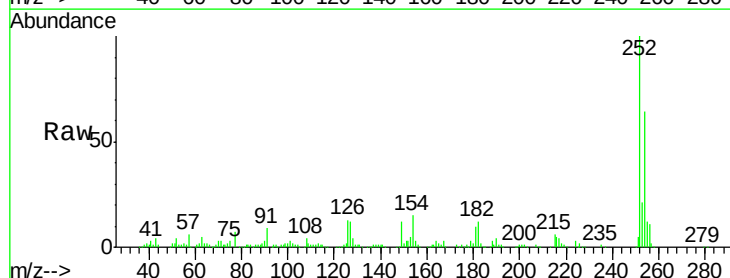
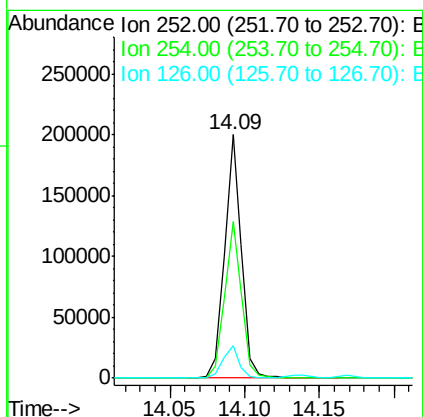
RT: 14.09 min Scan# 2041

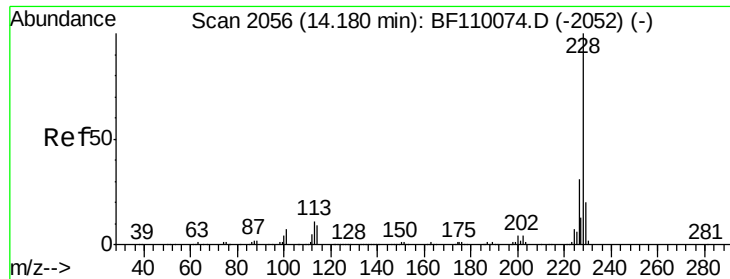
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt	Ion	252	Resp:	159829
	Ratio	100	Lower	Upper
	252	100		
	254	64.3	51.3	76.9
	126	13.1	9.4	14.2





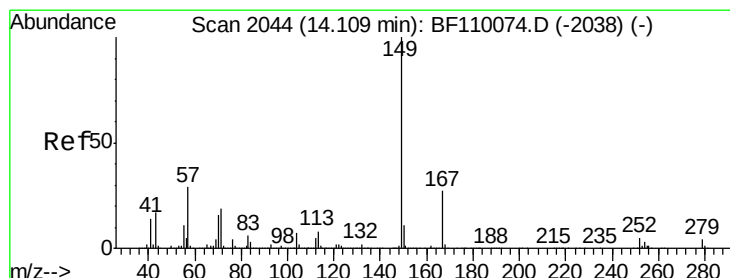
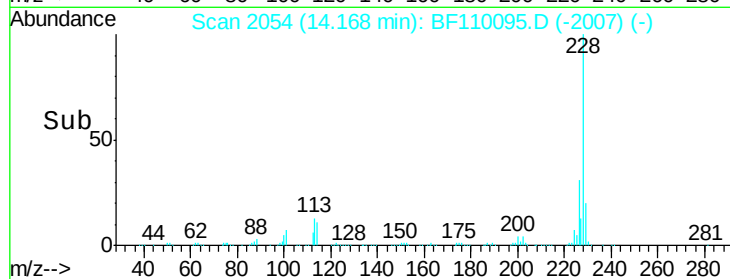
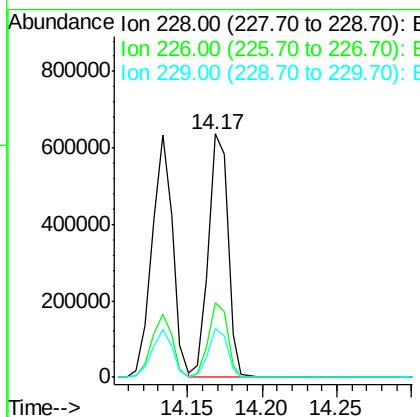
#83
Chrysene
Concen: 21.540 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.2	15.9	23.9

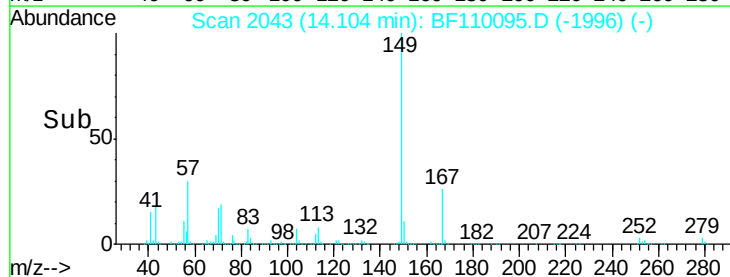
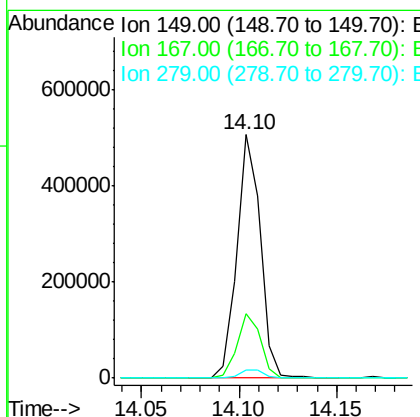
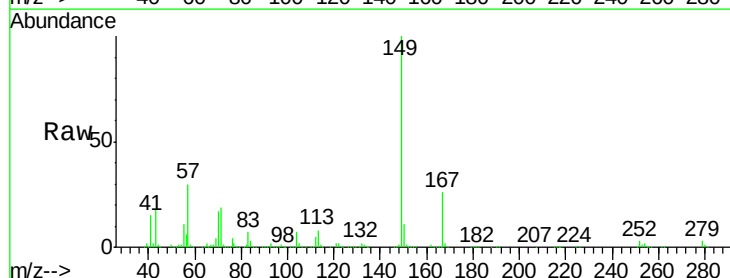
Manual Integrations
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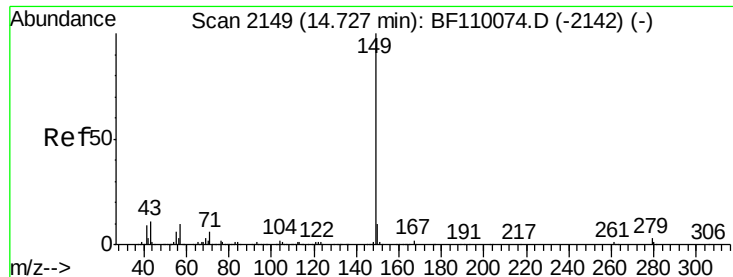
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 20.894 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.4	2.7	4.1





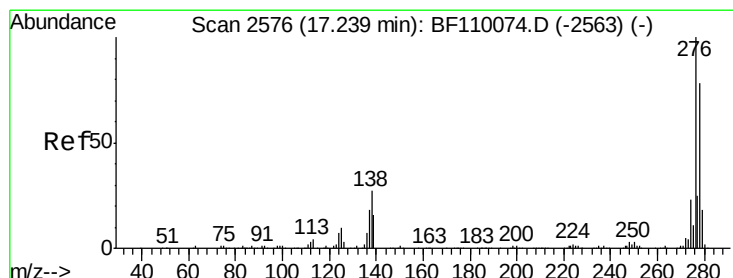
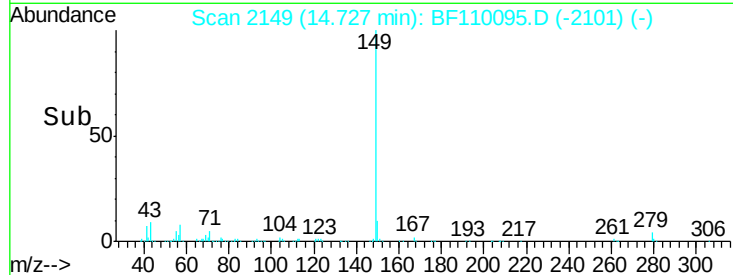
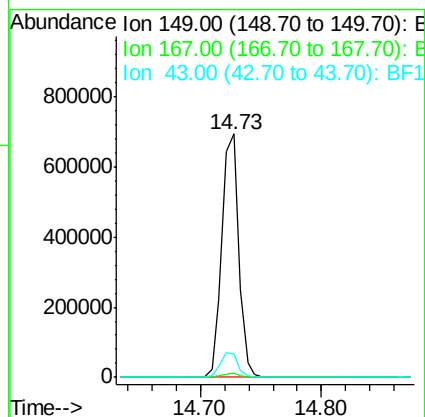
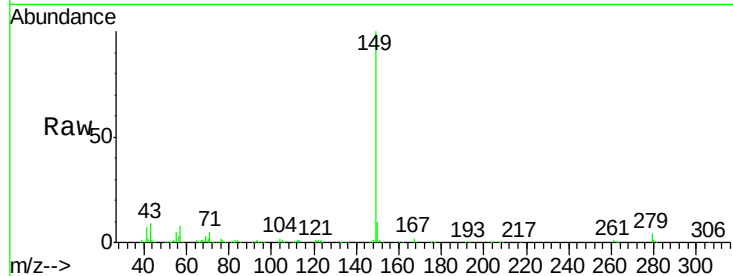
#85
Di-n-octyl phthalate
Concen: 21.390 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	668006		
167	1.5		1.1	1.7
43	10.5		7.8	11.8

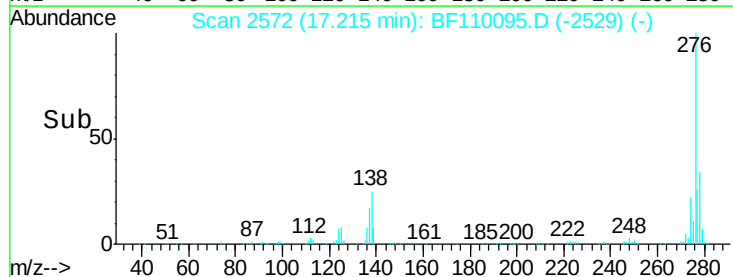
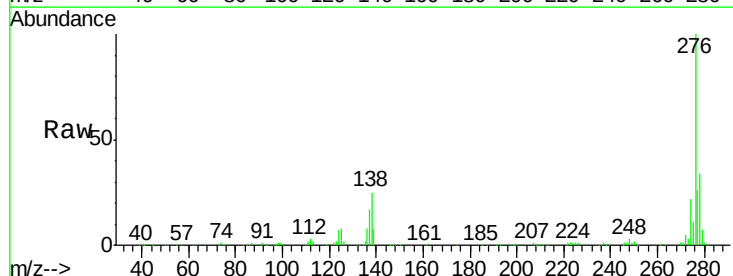
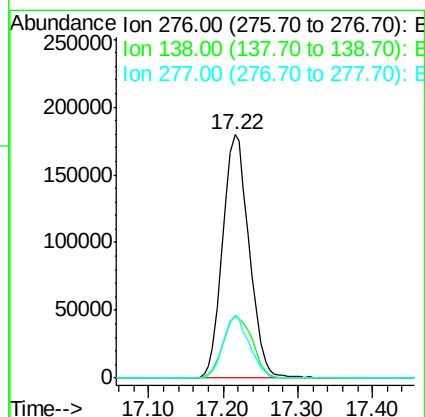
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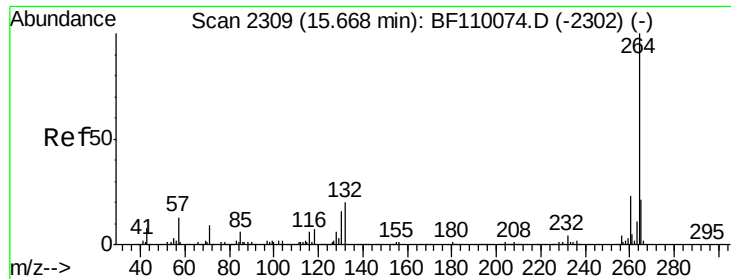
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 19.978 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	445717		
138	28.0		18.5	27.7#
277	25.1		20.0	30.0





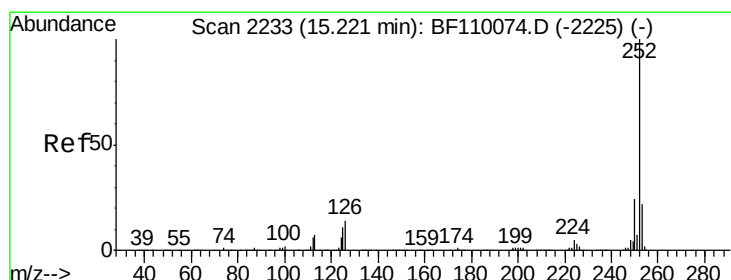
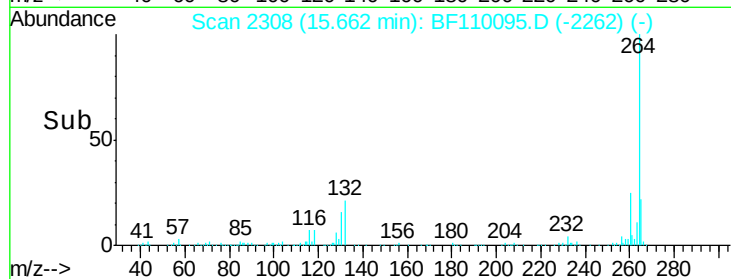
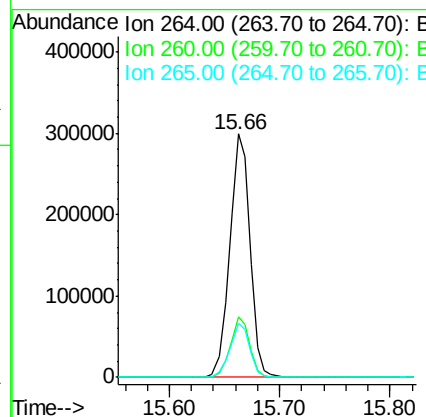
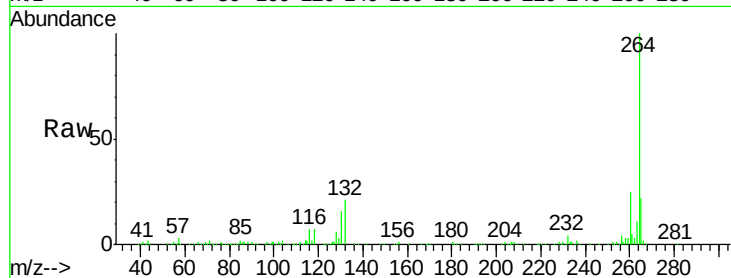
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.1	16.7	25.1

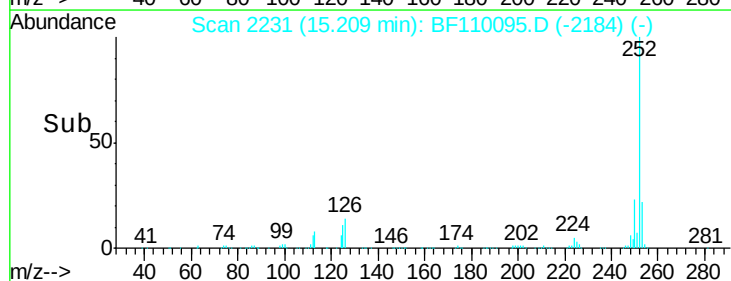
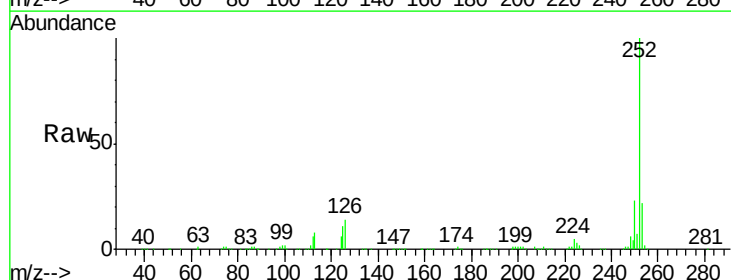
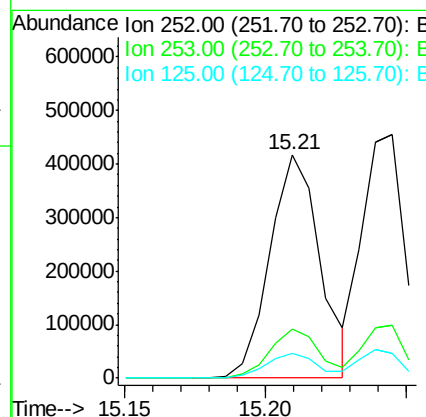
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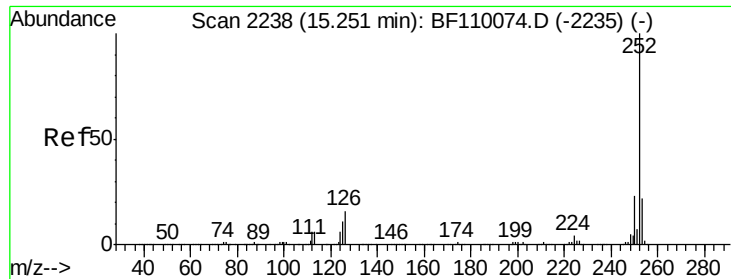
Sohil
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#88
Benzo(b)fluoranthene
Concen: 23.255 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.2	8.2	12.4





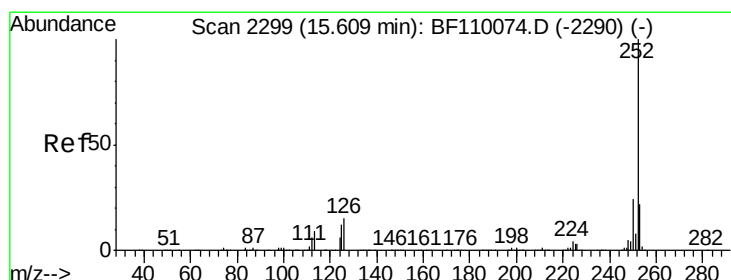
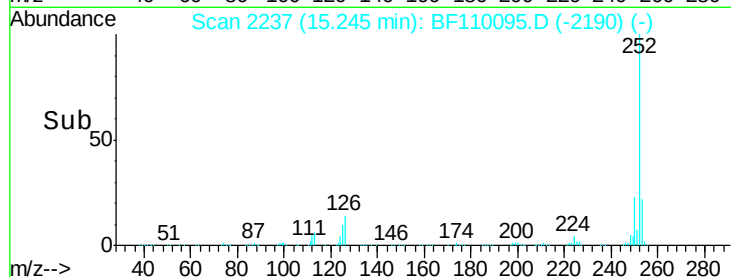
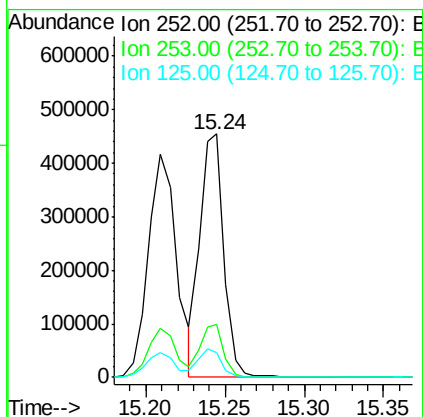
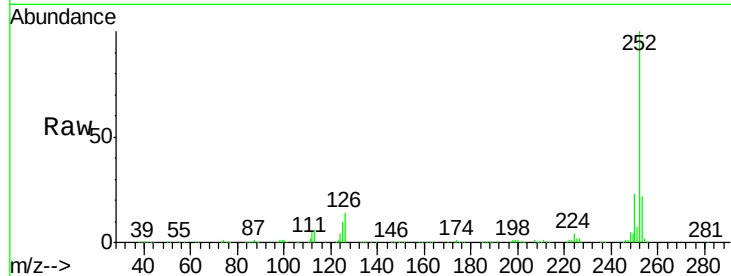
#89
Benzo(k)fluoranthene
Concen: 21.954 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.1	7.4	11.0

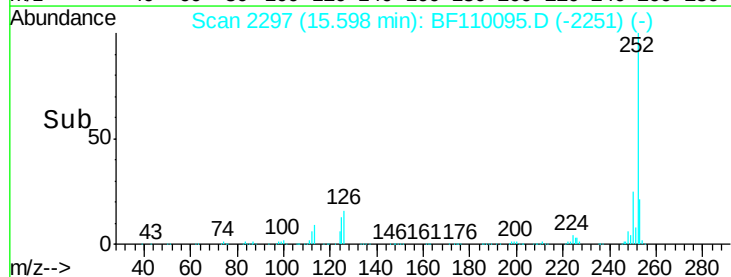
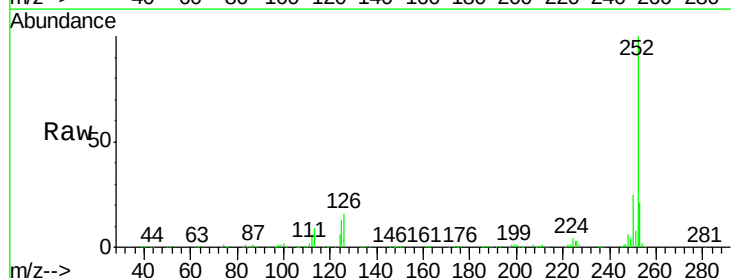
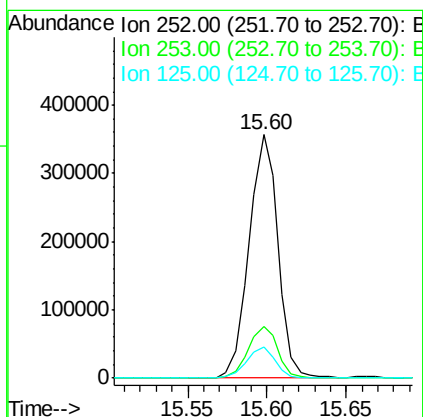
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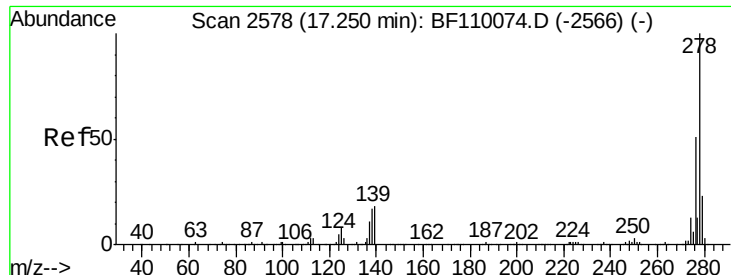
Sohil
10/24/2018 5:12:10 PM



#90
Benzo(a)pyrene
Concen: 22.071 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	12.9	9.0	13.6





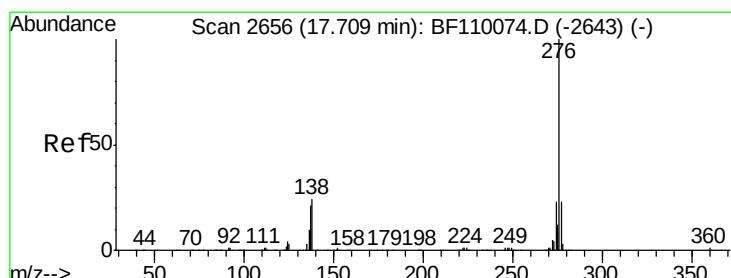
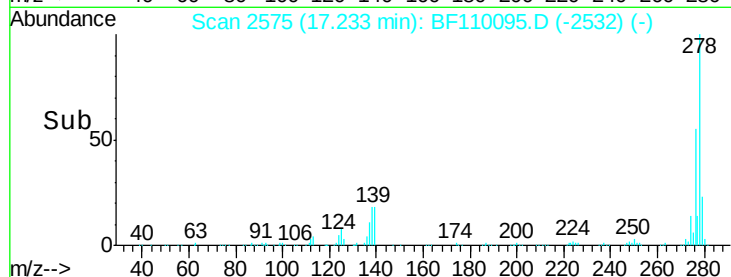
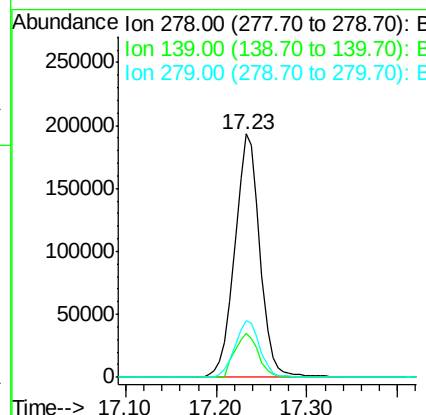
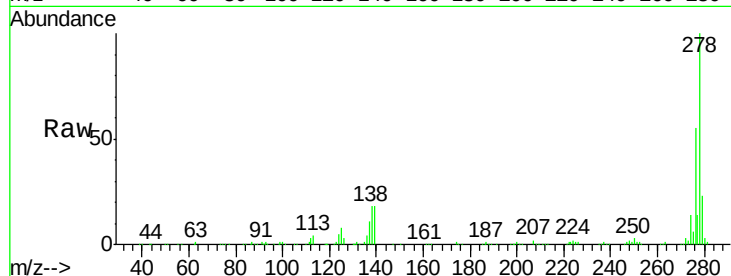
#91
Dibenzo(a,h)anthracene
Concen: 21.114 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
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10/24/2018 5:12:10 PM



#92
Benzo(g,h,i)perylene
Concen: 20.698 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.6	16.0	24.0

