

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108035.D
 Acq On : 8 Aug 2018 22:27
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:41 PM

Quant Time: Aug 09 08:12:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	271413	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1059599	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	568784	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1183457	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1030663	20.00	ng	-0.01
86) Perylene-d12	15.77	264	882494	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	2054142	137.02	ng	0.01
7) Phenol-d6	6.63	99	2766009	138.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	1489947	78.46	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	886796	156.31	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2783268	78.56	ng	0.00
78) Terphenyl-d14	13.15	244	3137471	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	60817	7.895	ng	87
3) Pyridine	3.73	79	170533	8.594	ng	# 79
4) n-Nitrosodimethylamine	3.65	42	93730	8.394	ng	80
6) Aniline	6.68	93	151796	5.602	ng	94
8) 2-Chlorophenol	6.80	128	146421	8.672	ng	89
9) Benzaldehyde	6.57	77	119867	7.761	ng	98
10) Phenol	6.64	94	172361	8.364	ng	93
11) bis(2-Chloroethyl)ether	6.74	93	145262	8.719	ng	92
12) 1,3-Dichlorobenzene	6.95	146	169831	8.699	ng	98
13) 1,4-Dichlorobenzene	7.03	146	171721	8.755	ng	98
14) 1,2-Dichlorobenzene	7.18	146	162576	8.911	ng	97
15) Benzyl Alcohol	7.14	79	120356	7.176	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	294297	8.575	ng	96
17) 2-Methylphenol	7.24	107	127957	8.837	ng	97
18) Hexachloroethane	7.52	117	59742	8.555	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	116546	8.651	ng	# 84
20) 3+4-Methylphenols	7.40	107	165350	8.911	ng	93
22) Acetophenone	7.41	105	223773	9.032	ng	# 93
24) Nitrobenzene	7.59	77	174604	9.093	ng	94
25) Isophorone	7.82	82	312590	8.637	ng	98
26) 2-Nitrophenol	7.91	139	52517	7.242	ng	89
27) 2,4-Dimethylphenol	7.93	122	142451	8.868	ng	96
28) bis(2-Chloroethoxy)methane	8.03	93	188455	8.919	ng	99
29) 2,4-Dichlorophenol	8.14	162	128462	8.690	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	145873	8.950	ng	98
31) Naphthalene	8.32	128	461028	9.567	ng	99
32) Benzoic acid	7.98	122	44670m	10.170	ng	
33) 4-Chloroaniline	8.36	127	125710	5.986	ng	98
34) Hexachlorobutadiene	8.43	225	92208	8.937	ng	95
35) Caprolactam	8.70	113	39885	8.610	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	141675	8.884	ng	97
37) 2-Methylnaphthalene	9.01	142	317923	9.325	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	158186	9.056	ng	97
40) Hexachlorocyclopentadiene	9.16	237	91495	8.110	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	87511	8.074	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	107092	8.975	nq #	93
45) 1,1'-Biphenyl	9.47	154	399622	9.529	nq	98
46) 2-Chloronaphthalene	9.50	162	309704	9.344	nq	96
47) 2-Nitroaniline	9.59	65	93009	8.673	nq	84
48) Acenaphthylene	9.92	152	503130	9.602	nq	99
49) Dimethylphthalate	9.77	163	370269	9.345	nq	99
50) 2,6-Dinitrotoluene	9.83	165	74511	8.989	nq	90
51) Acenaphthene	10.10	154	294280	9.169	nq	98
52) 3-Nitroaniline	10.00	138	67262	7.416	nq	90
53) 2,4-Dinitrophenol	10.10	184	13448	10.975	nq #	1
54) Dibenzofuran	10.27	168	442469	9.516	nq	99
55) 4-Nitrophenol	10.14	139	55081	8.020	nq	95
56) 2,4-Dinitrotoluene	10.23	165	96480	9.042	nq #	85
57) Fluorene	10.61	166	355281	9.652	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	80774	8.099	nq	92
59) Diethylphthalate	10.47	149	354595	9.242	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	178111	9.286	nq #	88
61) 4-Nitroaniline	10.61	138	76633	8.546	nq	89
62) Azobenzene	10.76	77	370525	9.352	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	23528	10.063	nq	97
65) n-Nitrosodiphenylamine	10.72	169	320754	9.172	nq	98
66) 4-Bromophenyl-phenylether	11.10	248	116074	9.025	nq #	82
67) Hexachlorobenzene	11.16	284	120986	8.941	nq #	87
68) Atrazine	11.24	200	104982	8.950	nq	95
69) Pentachlorophenol	11.35	266	42847	6.615	nq	97
70) Phenanthrene	11.58	178	543249	9.732	nq	99
71) Anthracene	11.63	178	557764	9.749	nq	99
72) Carbazole	11.78	167	486027	9.562	nq	99
73) Di-n-butylphthalate	12.11	149	557951	9.691	nq	98
74) Fluoranthene	12.77	202	595716	9.779	nq	95
76) Benzidine	12.89	184	123848	3.216	nq #	94
77) Pyrene	13.01	202	598903	9.178	nq	98
79) Butylbenzylphthalate	13.61	149	213274	8.231	nq	98
80) Benzo(a)anthracene	14.19	228	541374	9.153	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	96142	4.536	nq #	94
82) Chrysene	14.24	228	504052	9.295	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	305048	8.694	nq #	99
84) Di-n-octyl phthalate	14.79	149	451233	8.432	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.37	276	372238	7.922	nq #	92
87) Benzo(b)fluoranthene	15.29	252	444708	8.433	nq	97
88) Benzo(k)fluoranthene	15.32	252	459085	9.471	nq #	97
89) Benzo(a)pyrene	15.69	252	412565	8.737	nq #	97
90) Dibenzo(a,h)anthracene	17.39	278	313359	8.020	nq #	95
91) Benzo(g,h,i)perylene	17.86	276	299433	7.783	nq #	91

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

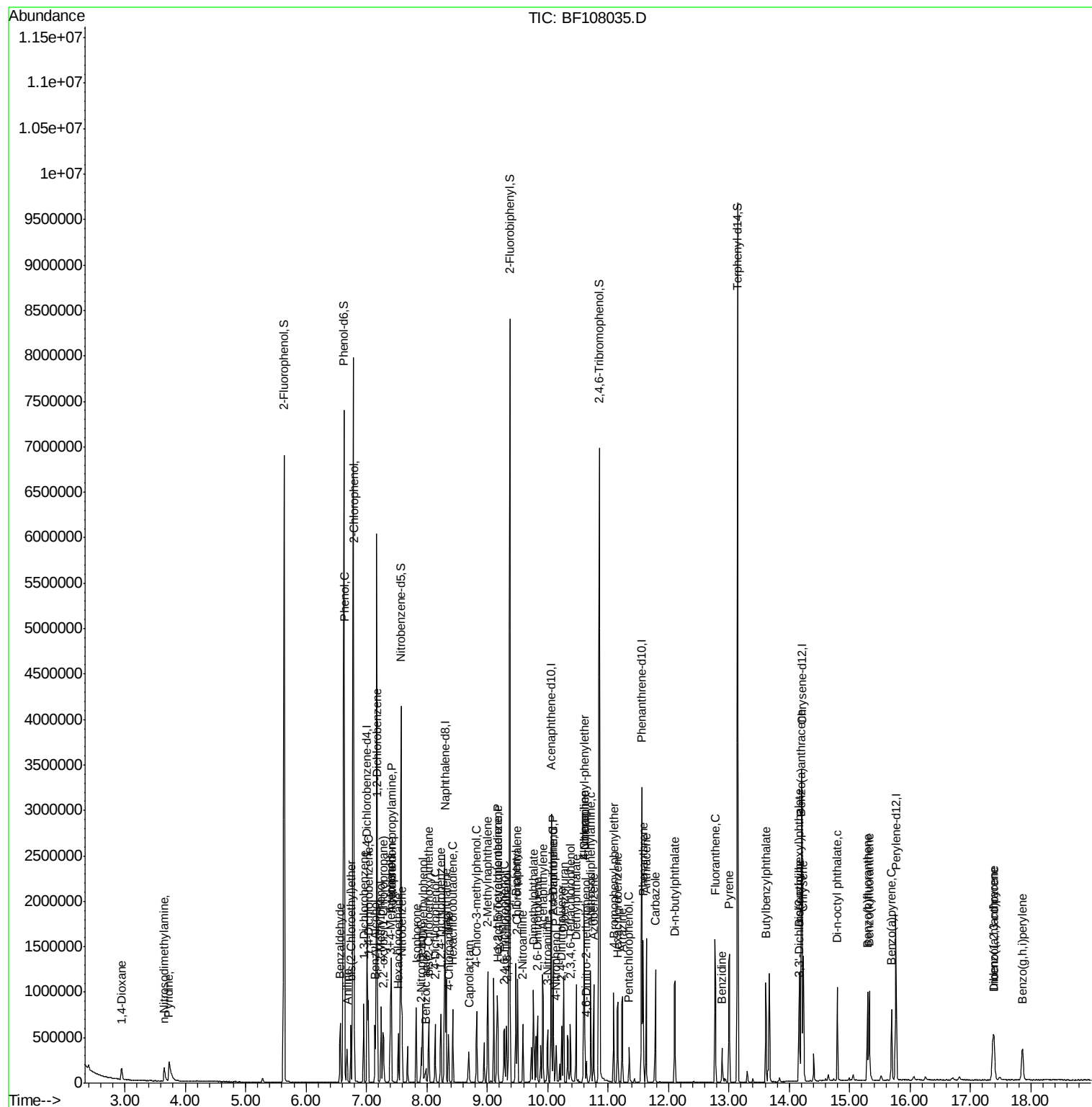
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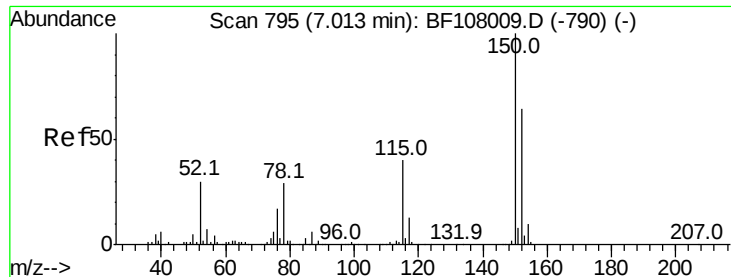
Instrument :
BNA_F
ClientSampleId :
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#1

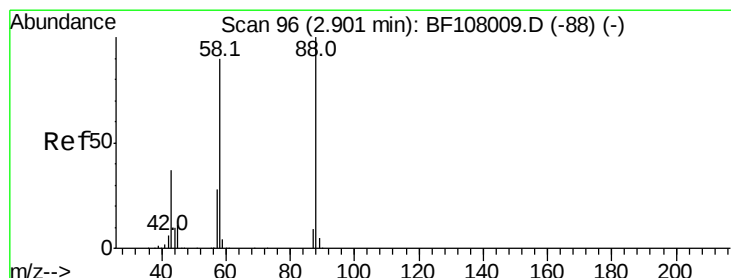
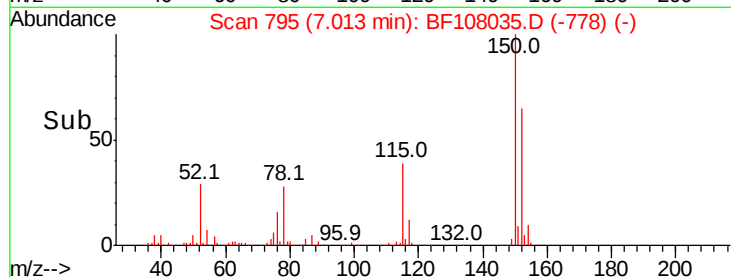
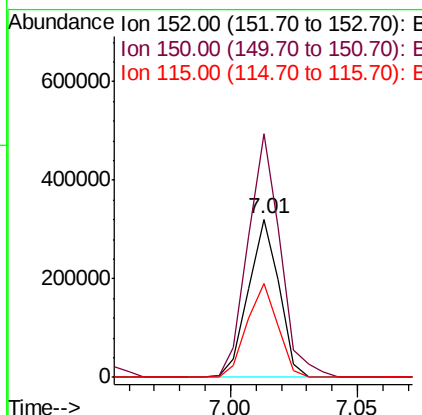
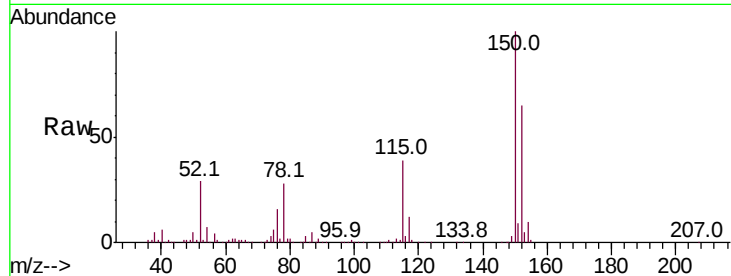
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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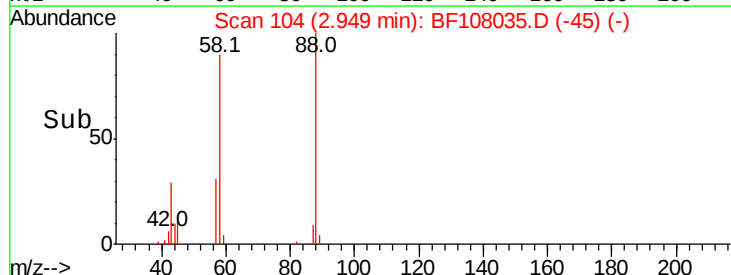
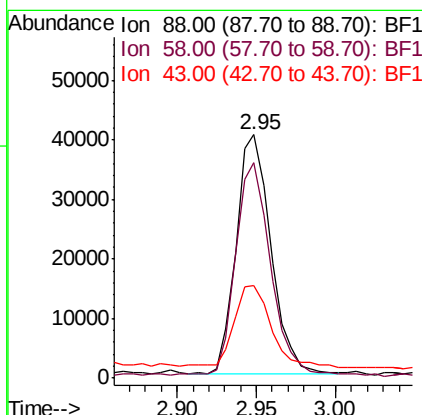
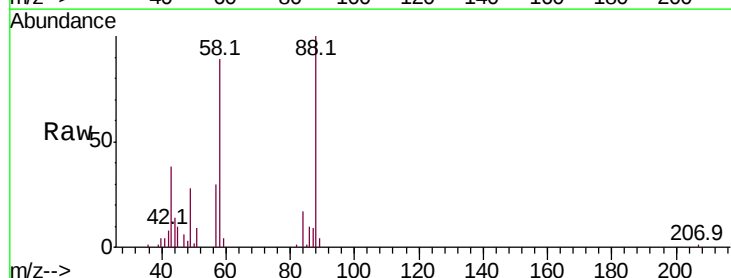
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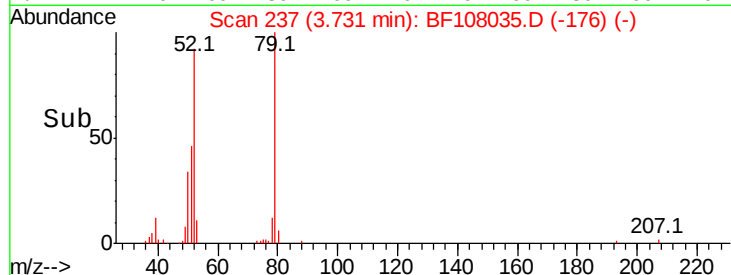
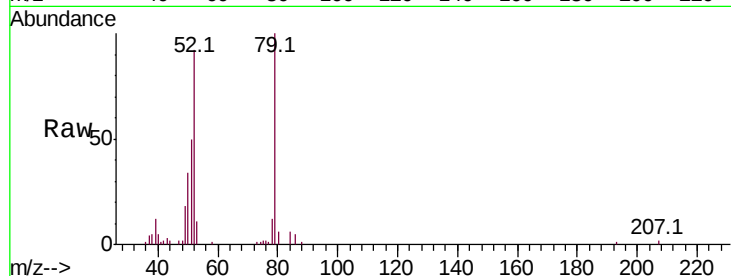
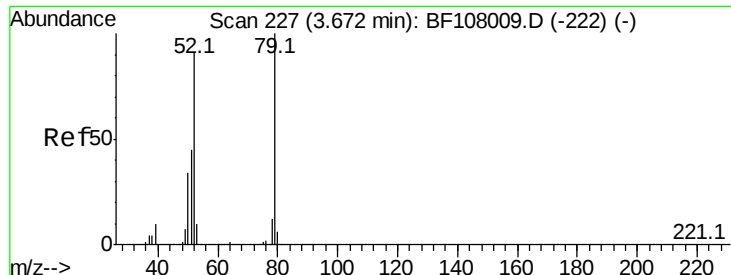


#2

1,4-Dioxane
Concen: 7.895 ng
RT: 2.95 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	62.6	93.8
43	36.3	24.6	37.0





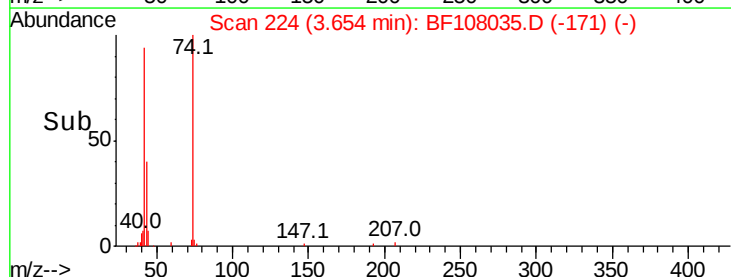
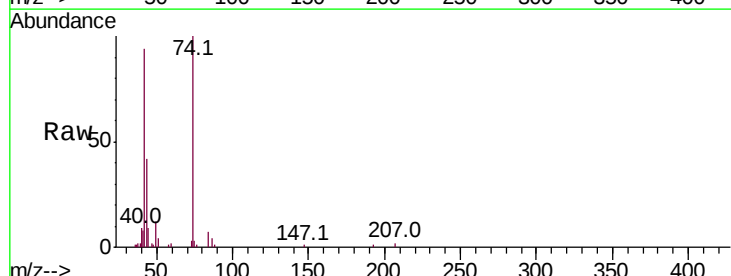
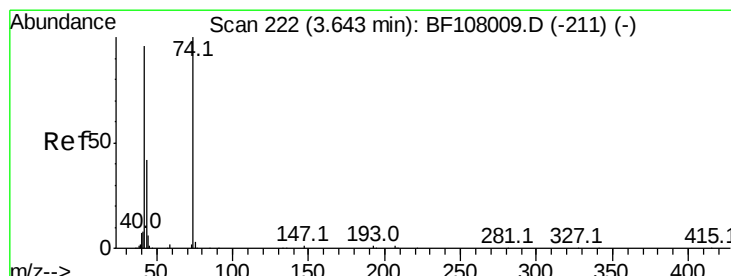
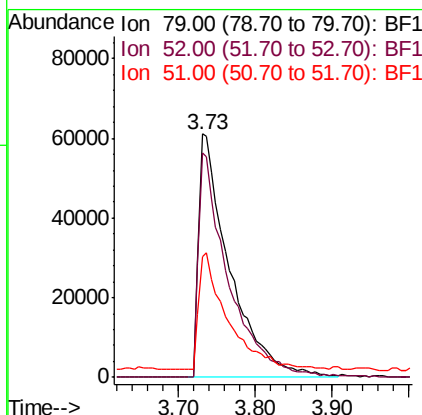
#3
Pvridine
Concen: 8.594 ng
RT: 3.73 min Scan# 237
Delta R.T. 0.06 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tot Ion: 79 Resp: 170533
Ion Ratio Lower Upper
79 100
52 92.4 59.8 89.6#
51 49.9 29.8 44.8#

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

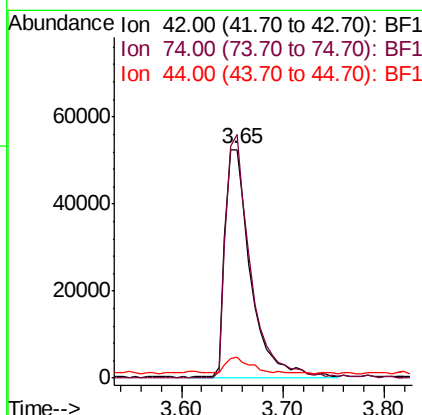
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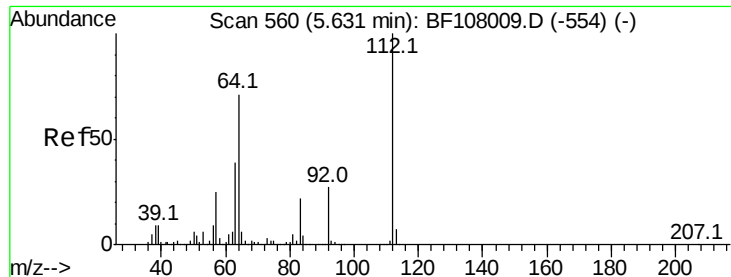
Sohil
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#4
n-Nitrosodimethylamine
Concen: 8.394 ng
RT: 3.65 min Scan# 224
Delta R.T. 0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion: 42 Resp: 93730
Ion Ratio Lower Upper
42 100
74 106.4 104.9 157.3
44 9.2 6.9 10.3





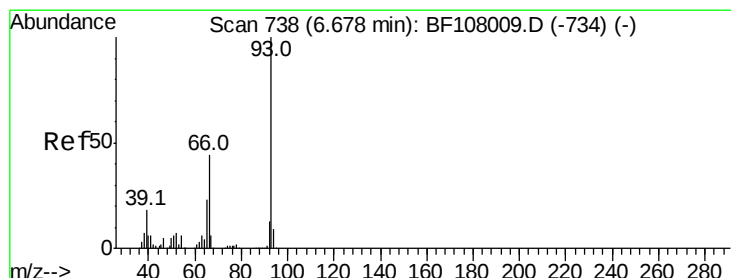
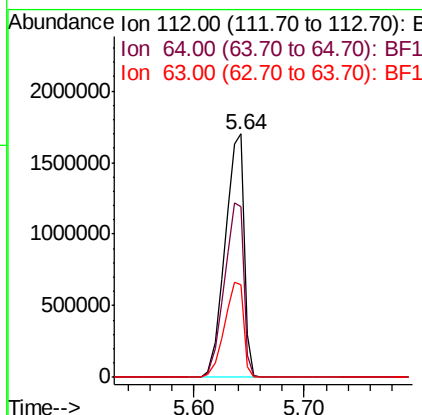
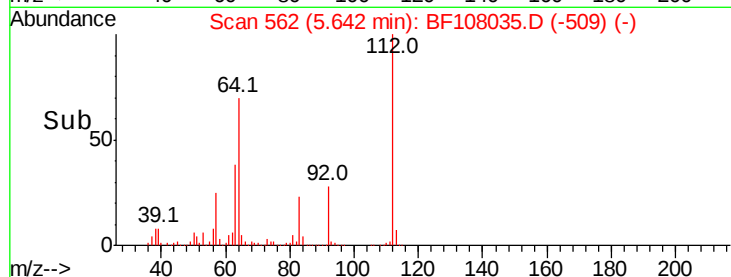
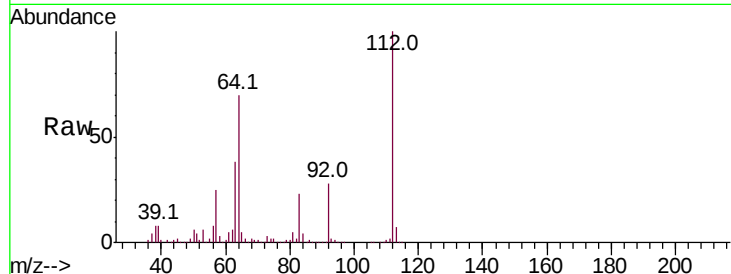
#5
2-Fluorophenol
Concen: 137.021 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	38.2	23.7	35.5

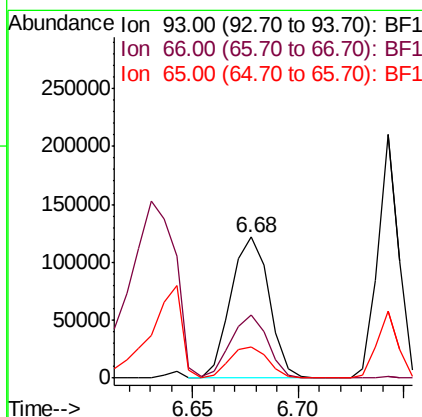
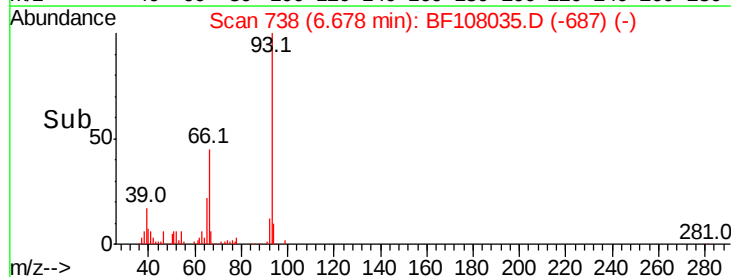
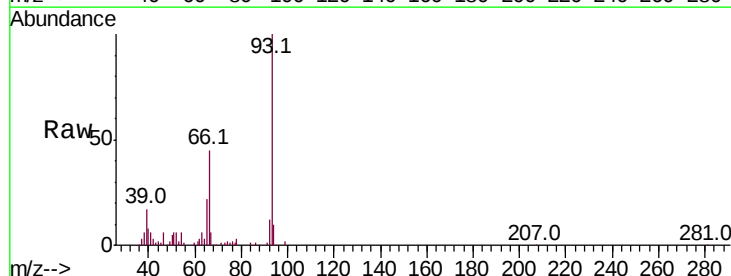
Manual Integrations
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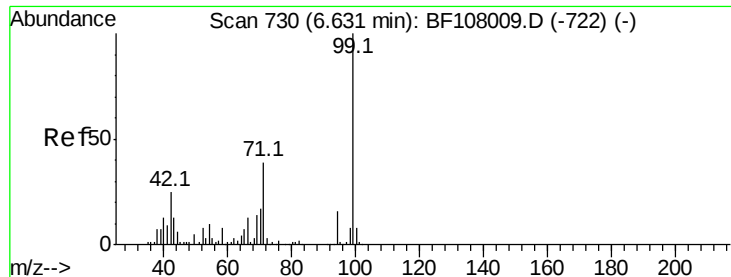
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#6
Aniline
Concen: 5.602 ng
RT: 6.68 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.8	32.2	48.2
65	22.2	16.4	24.6





#7

Phenol-d6

Concen: 138.845 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion: 99 Resp: 2766009

Ion Ratio Lower Upper

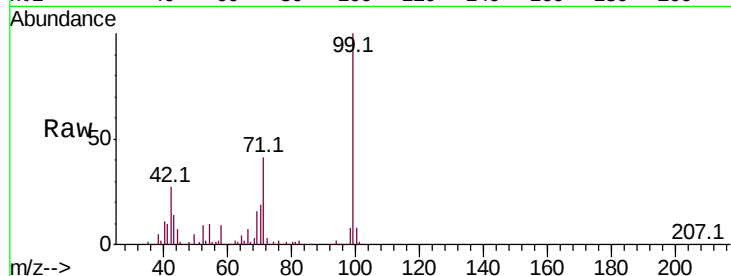
99 100

42 27.4 14.5 21.7#

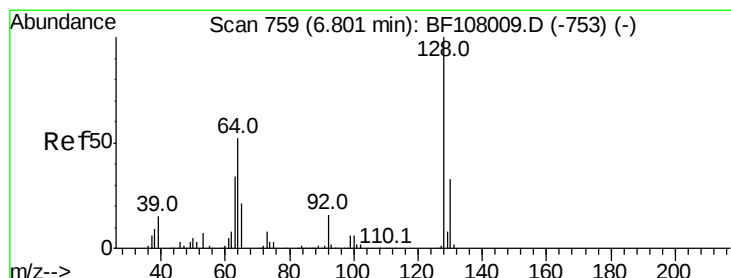
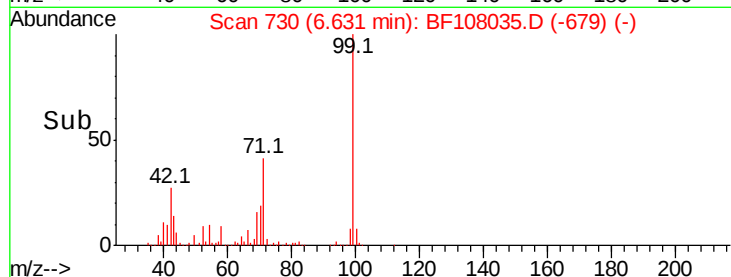
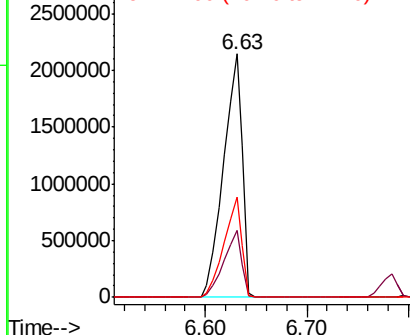
71 41.3 25.4 38.0#

Manual Integrations
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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: 8.672 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

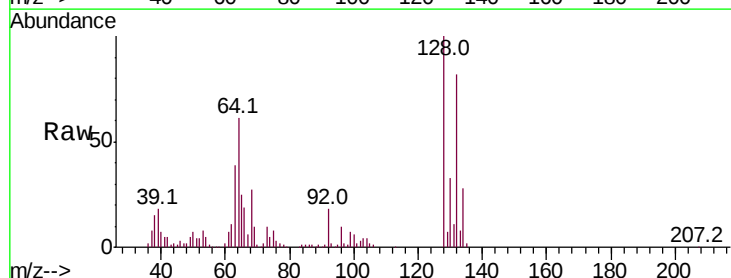
Tgt Ion: 128 Resp: 146421

Ion Ratio Lower Upper

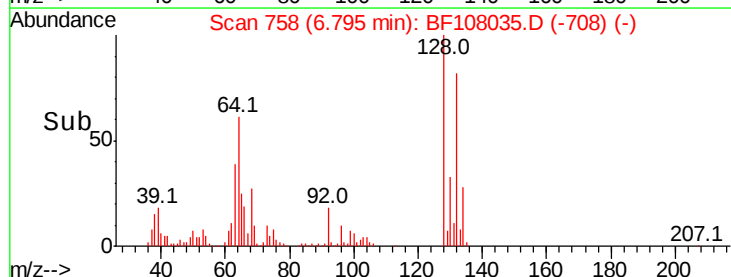
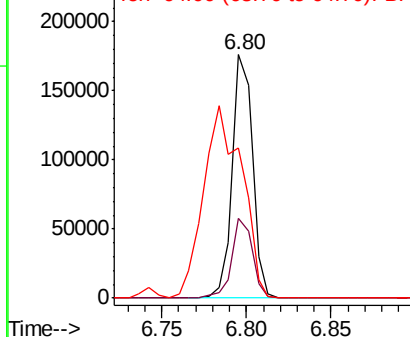
128 100

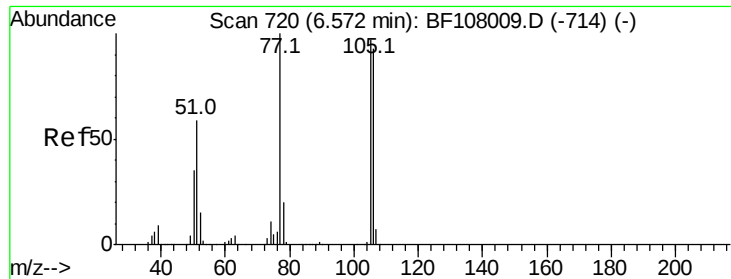
130 32.8 13.0 53.0

64 61.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.761 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

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Instrument :

BNA_F

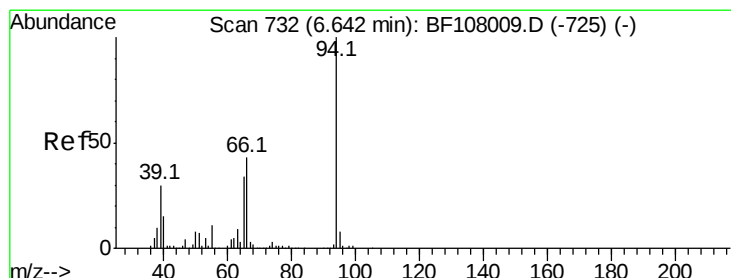
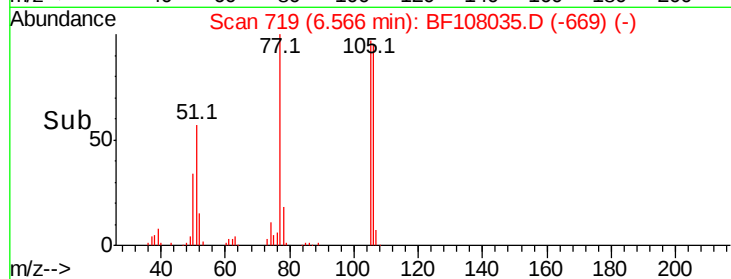
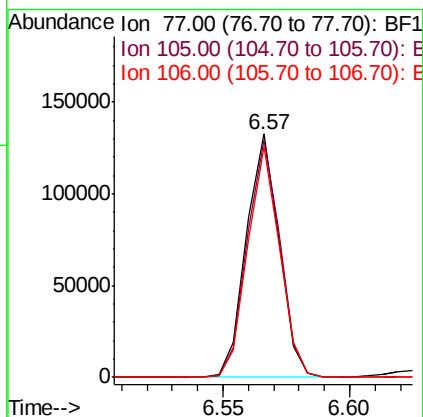
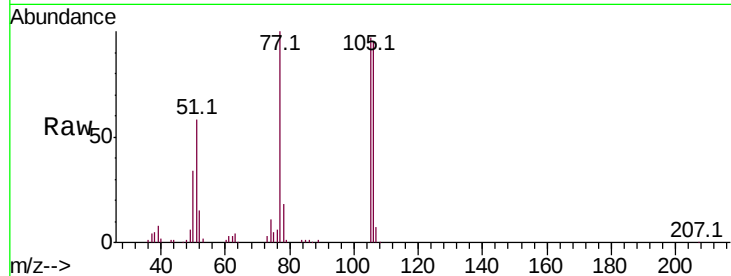
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	81.1	121.1
106	95.0	74.5	114.5

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#10

Phenol

Concen: 8.364 ng

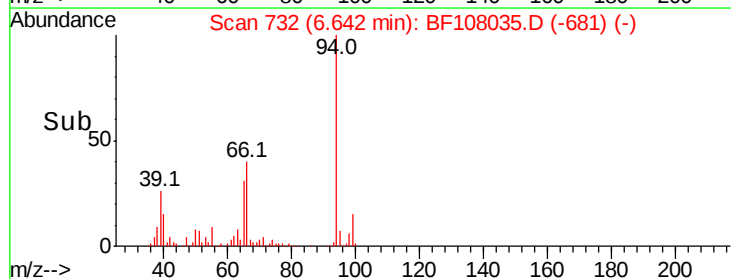
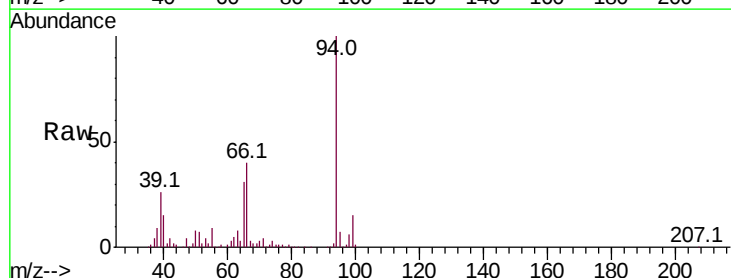
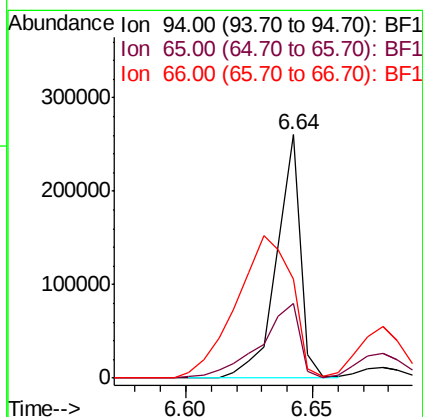
RT: 6.64 min Scan# 732

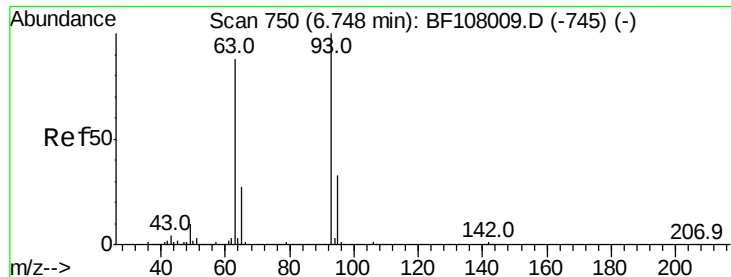
Delta R.T. 0.00 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	40.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 8.719 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

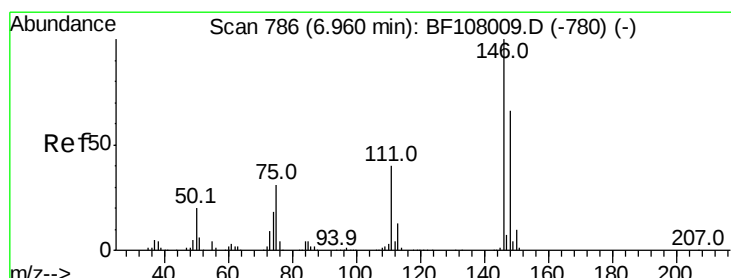
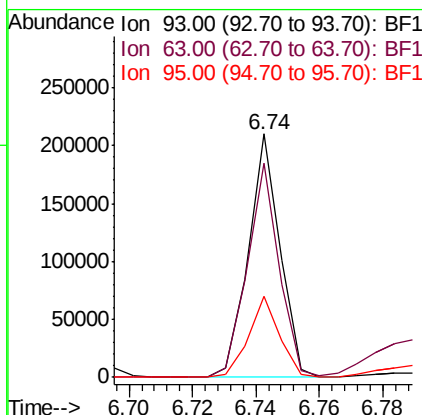
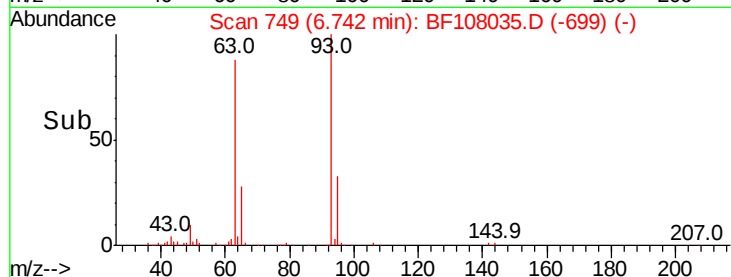
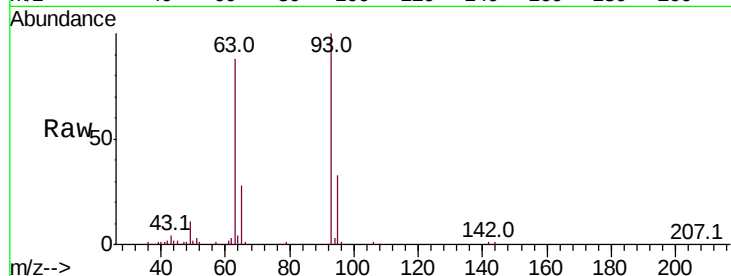
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	93	Resp	145262
Ion Ratio	100	Lower	Upper
93	100		
63	87.8	58.6	98.6
95	33.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 8.699 ng

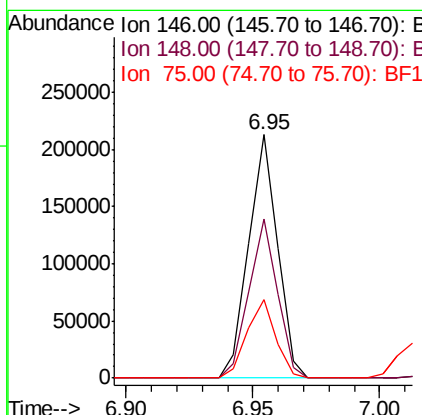
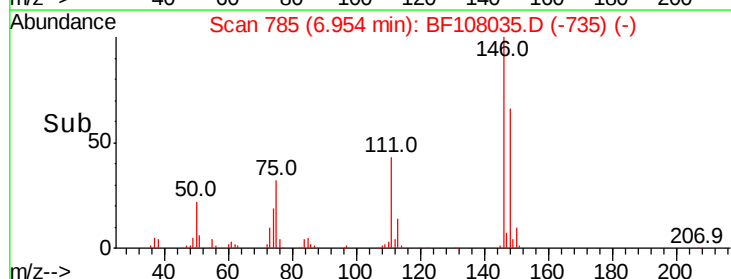
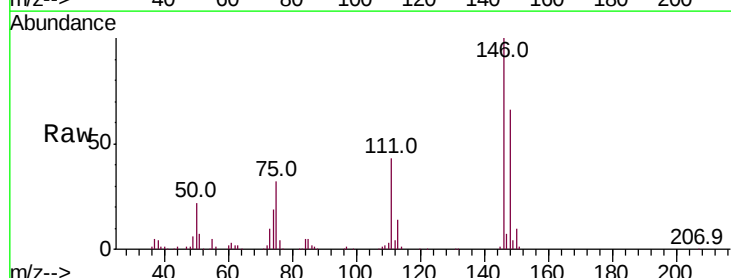
RT: 6.95 min Scan# 785

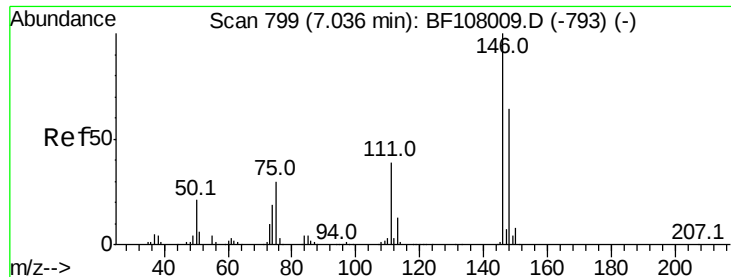
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion	146	Resp	169831
Ion Ratio	100	Lower	Upper
146	100		
148	65.5	51.8	77.8
75	32.4	24.2	36.4





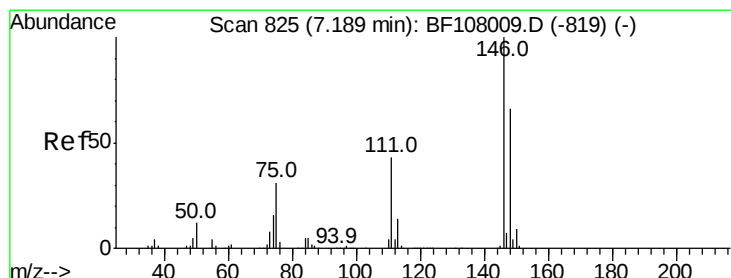
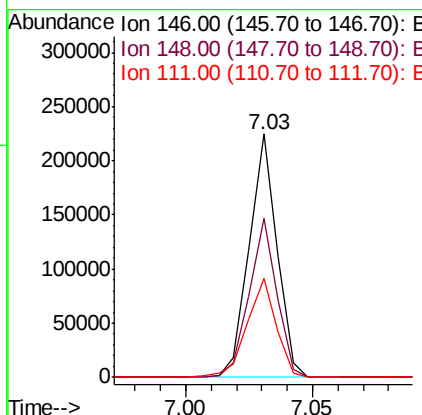
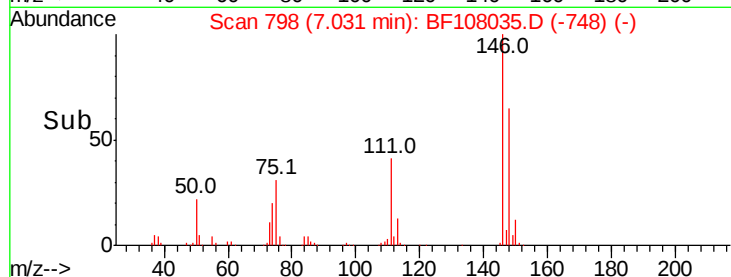
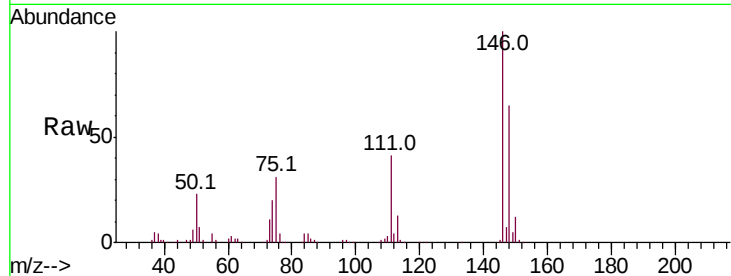
#13
1,4-Dichlorobenzene
Concen: 8.755 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	40.9	34.2	51.2

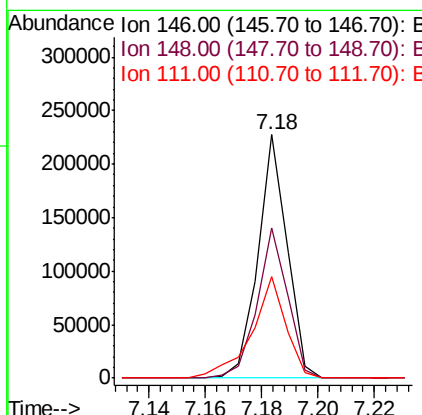
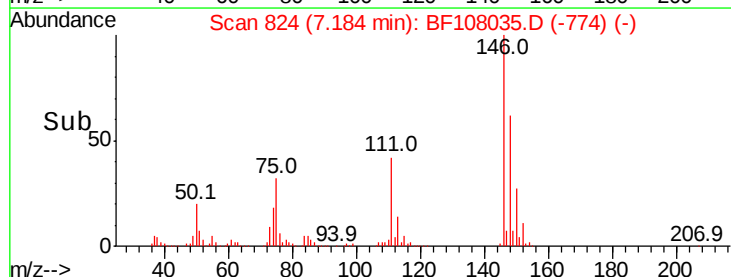
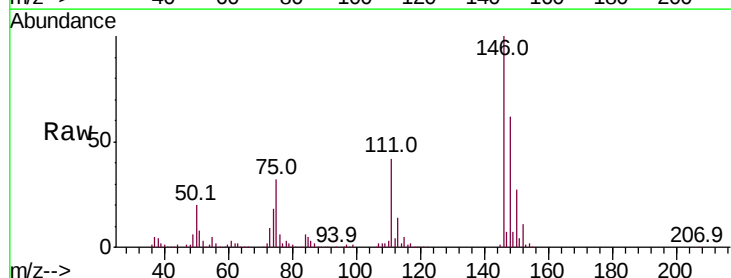
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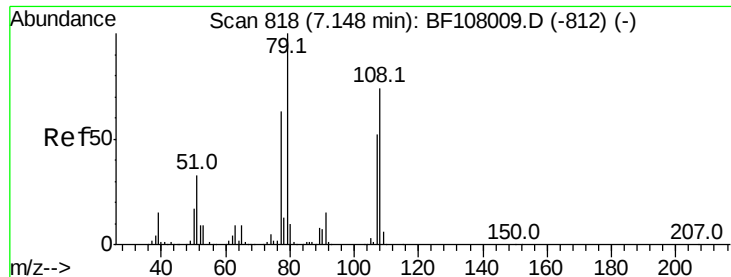
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#14
1,2-Dichlorobenzene
Concen: 8.911 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.6	75.8
111	41.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 7.176 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

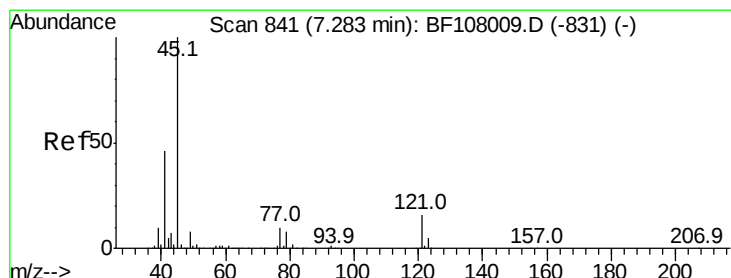
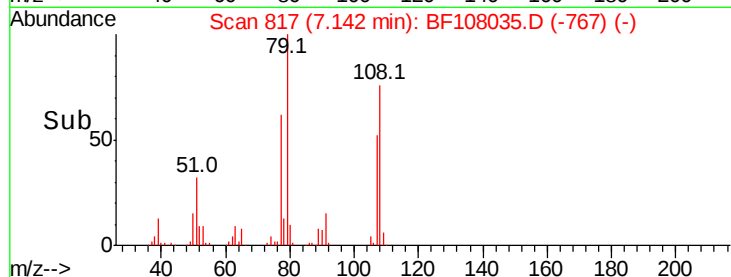
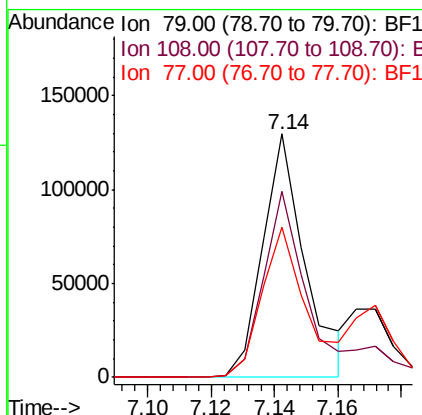
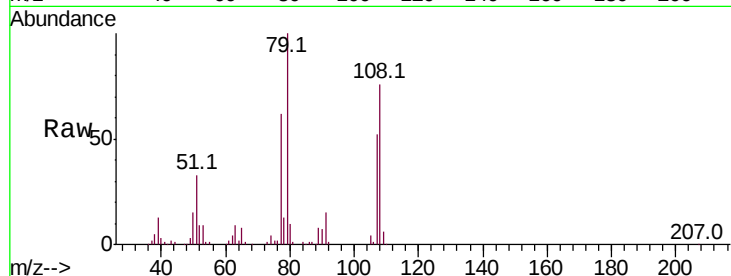
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	65.1	97.7
77	61.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.575 ng

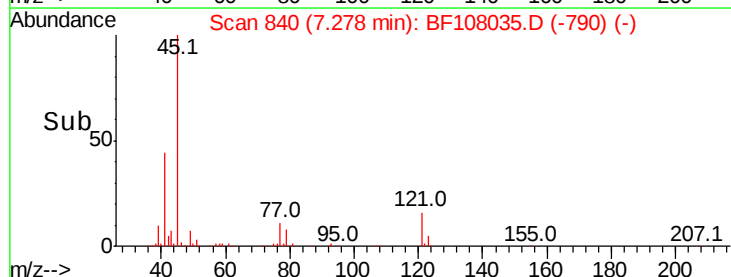
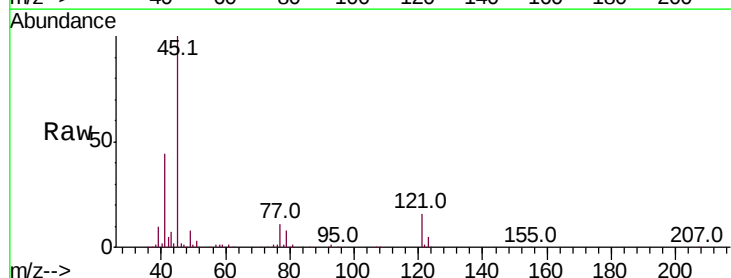
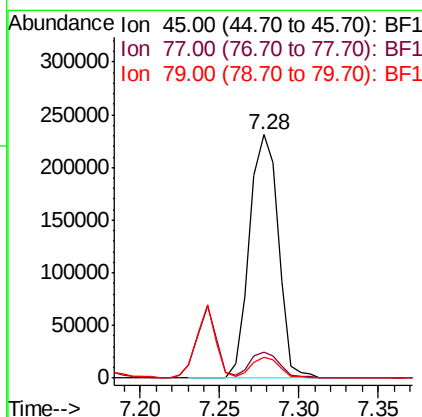
RT: 7.28 min Scan# 840

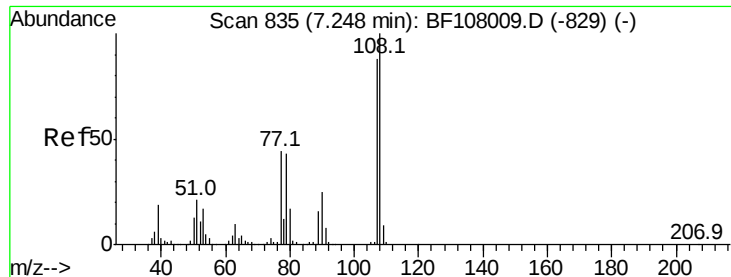
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	32.9
79	8.5	0.0	29.6





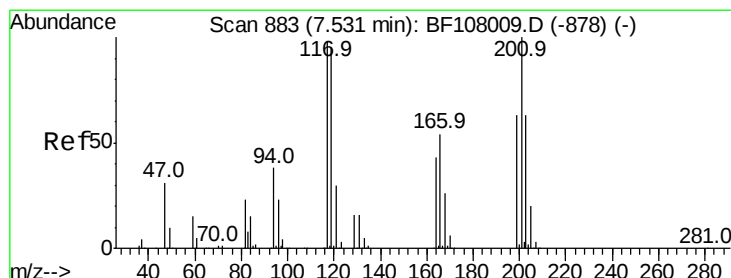
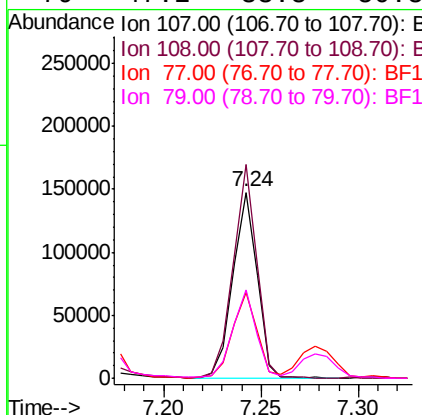
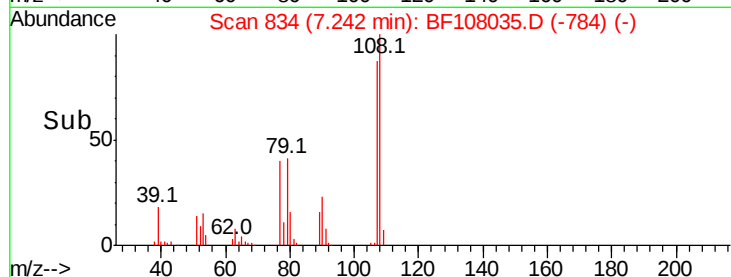
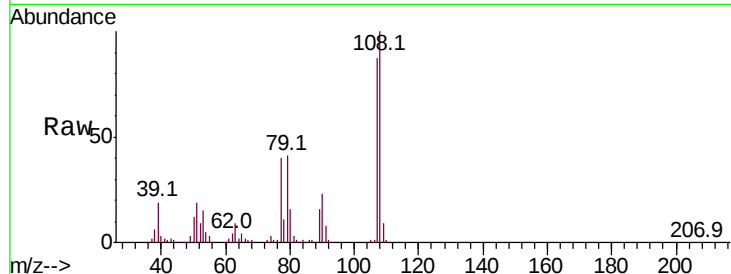
#17
2-Methylphenol
Concen: 8.837 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	45.9	33.8	50.8	
79	47.2	33.8	50.8	

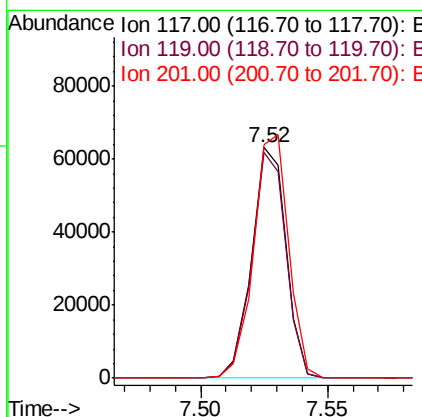
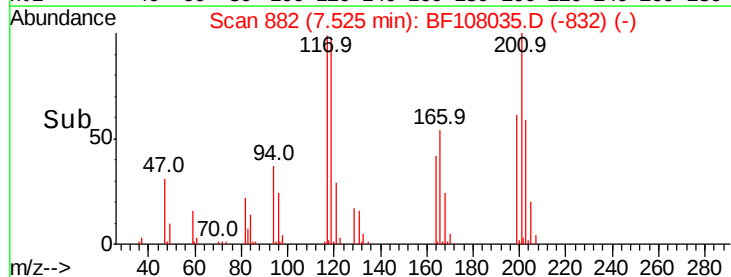
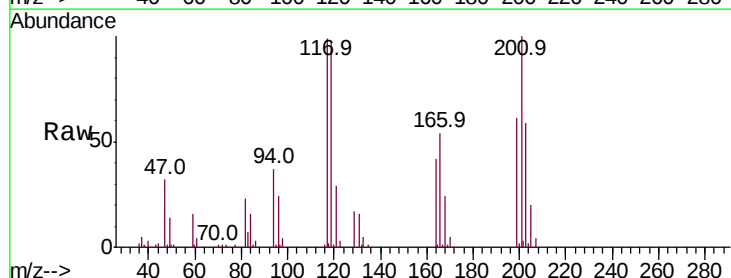
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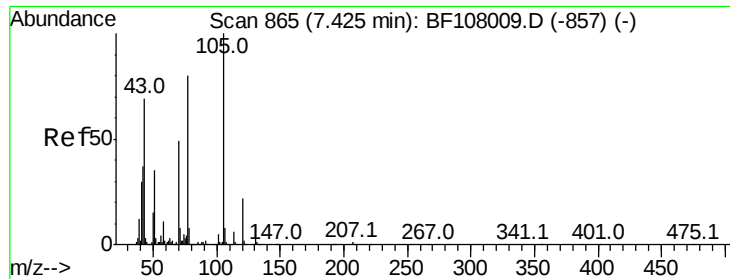
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#18
Hexachloroethane
Concen: 8.555 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.8	113.8	
201	100.9	75.7	113.5	





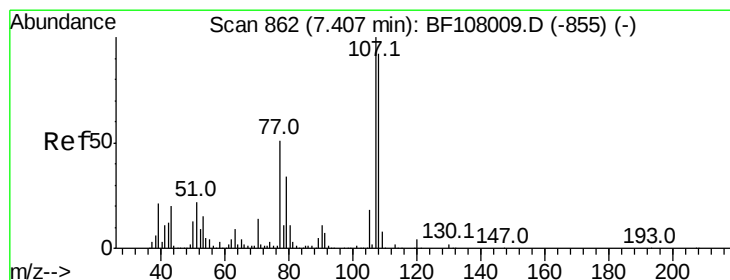
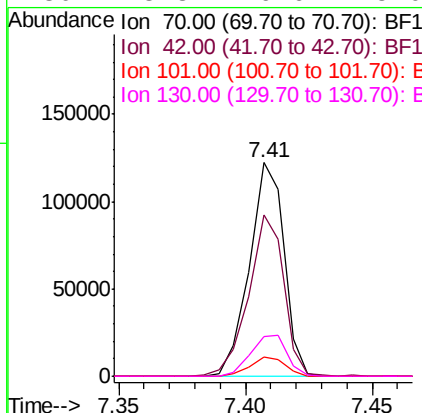
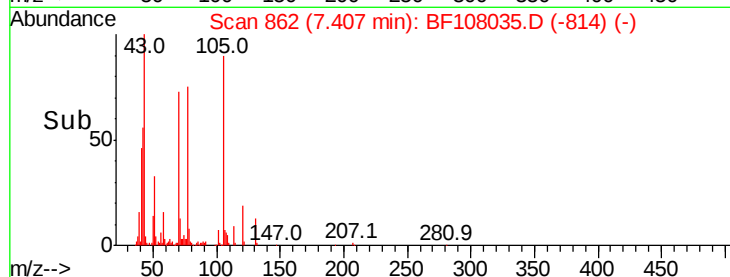
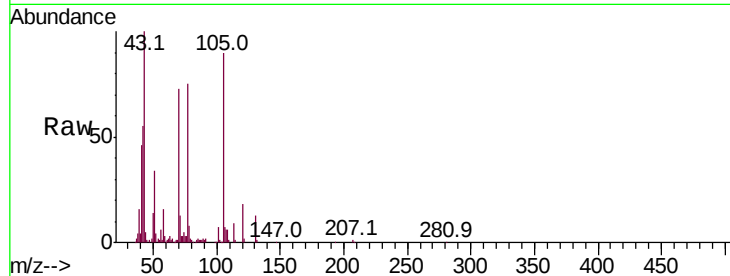
#19
n-Nitroso-di-n-propylamine
Concen: 8.651 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.5	47.5	71.3#
101	9.2	7.4	11.2
130	18.3	16.6	25.0

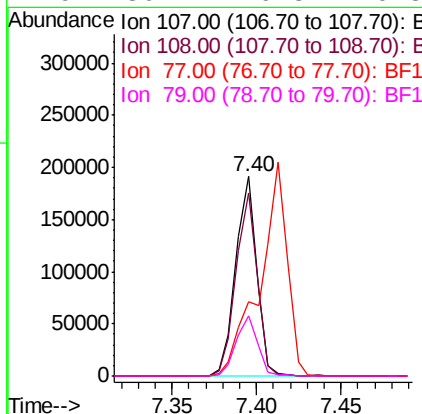
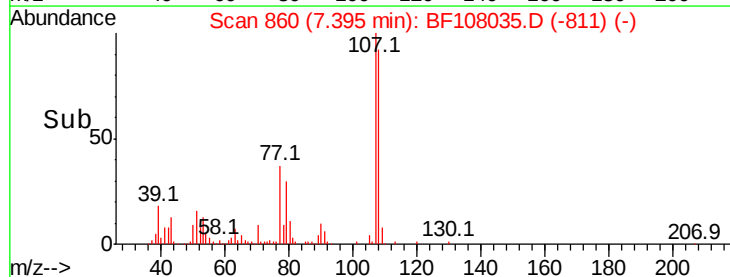
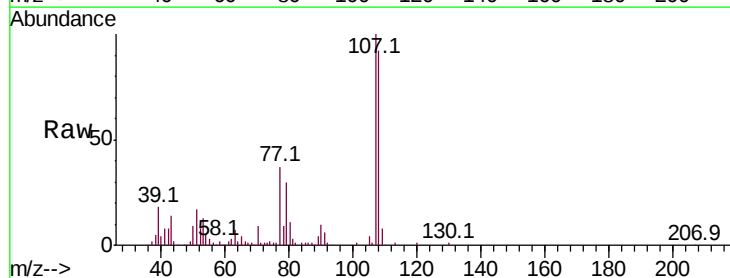
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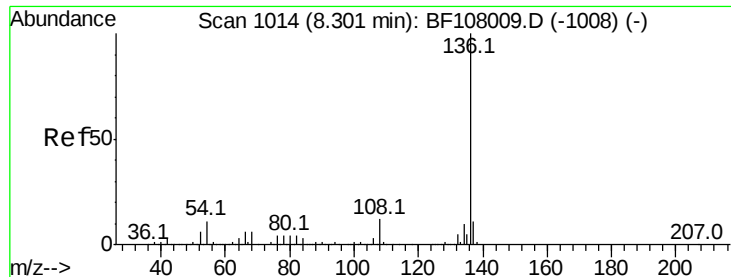
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#20
3+4-Methylphenols
Concen: 8.911 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	37.2	26.7	66.7
79	30.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

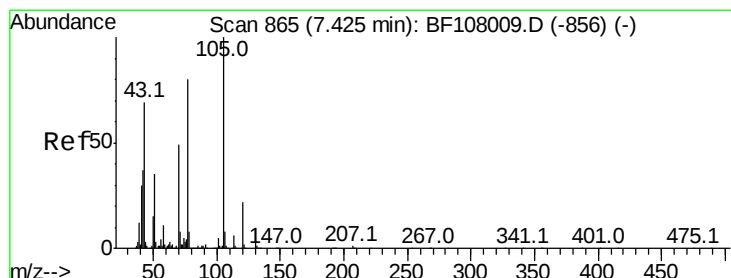
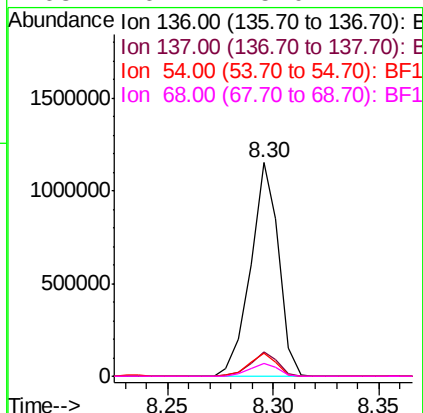
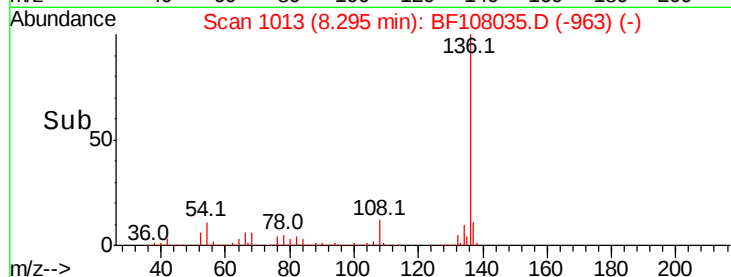
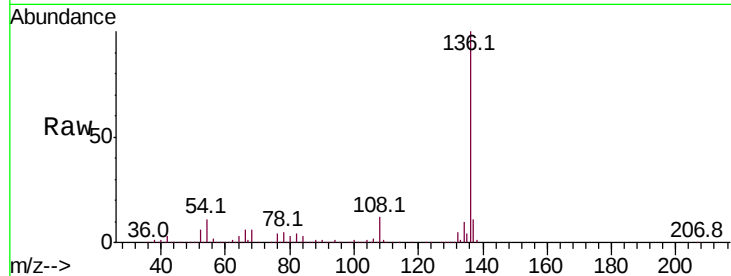
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.0	6.6	9.8
68	6.2	5.0	7.4

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#22

Acetophenone

Concen: 9.032 ng

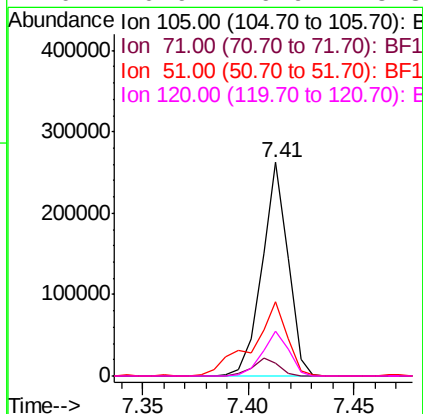
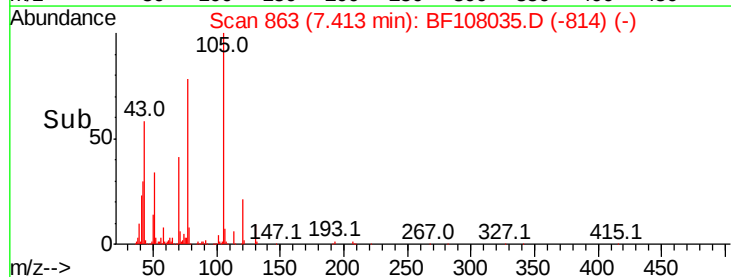
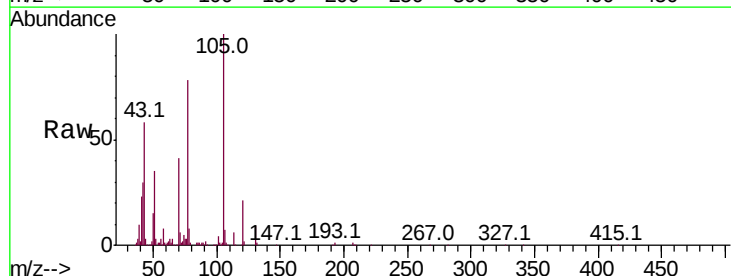
RT: 7.41 min Scan# 863

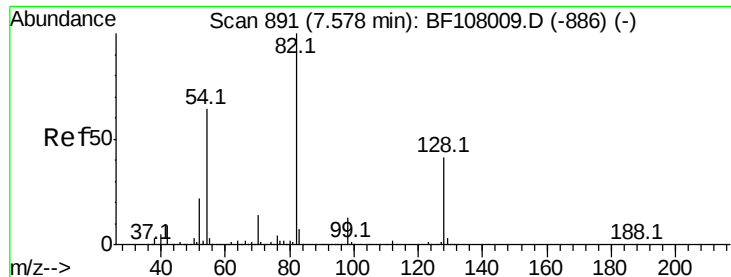
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.4	6.6
51	34.7	22.3	33.5
120	20.9	16.9	25.3





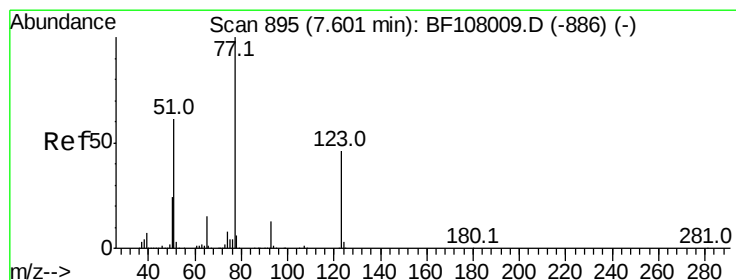
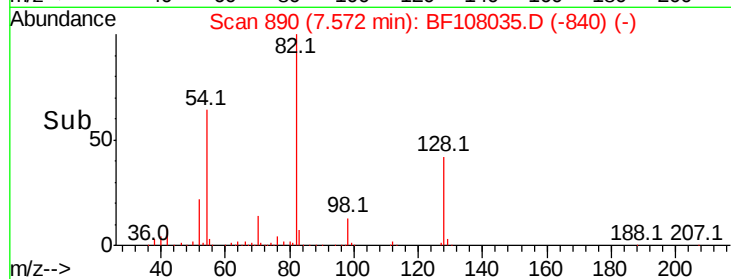
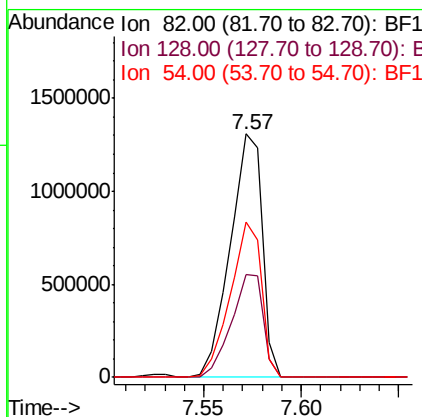
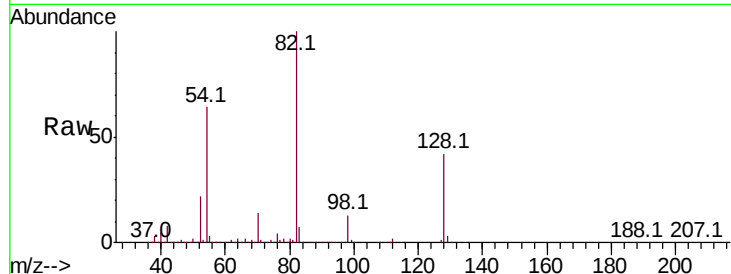
#23
Nitrobenzene-d5
Concen: 78.465 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion: 82 Resp: 1489947
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 63.9 41.4 62.2#

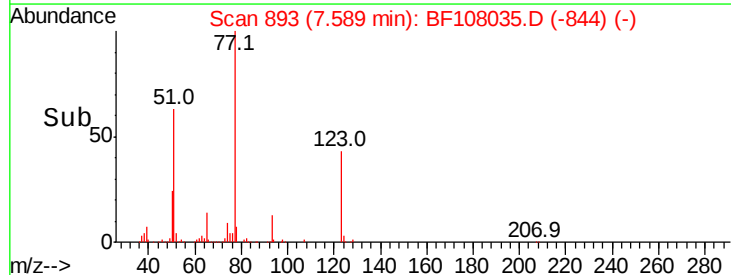
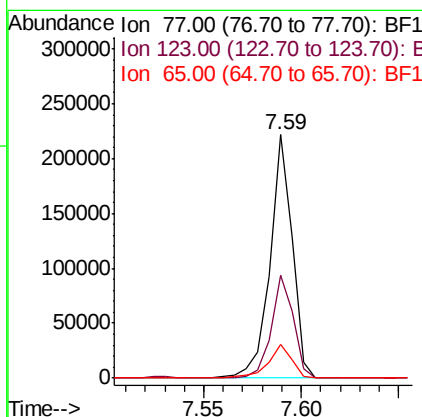
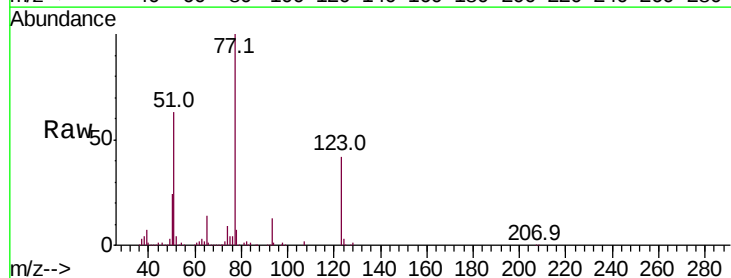
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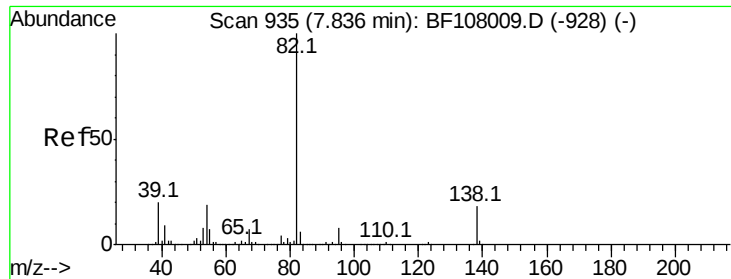
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#24
Nitrobenzene
Concen: 9.093 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion: 77 Resp: 174604
Ion Ratio Lower Upper
77 100
123 42.5 37.9 56.9
65 13.9 11.0 16.4





#25

Isophorone

Concen: 8.637 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

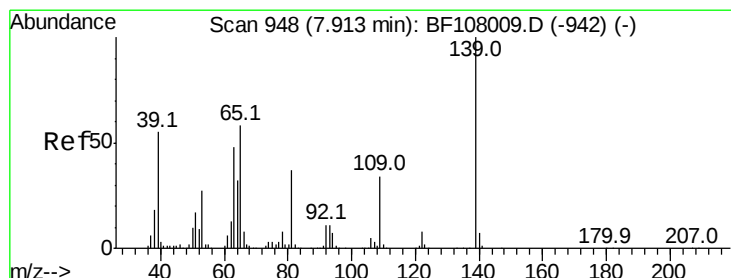
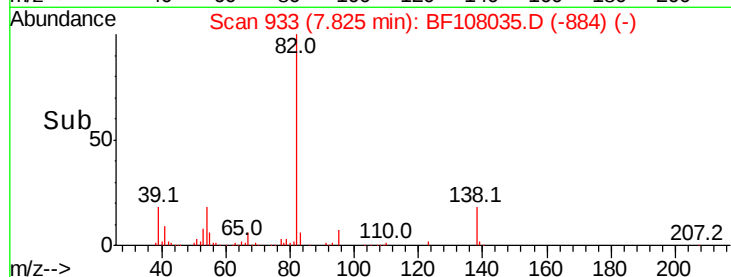
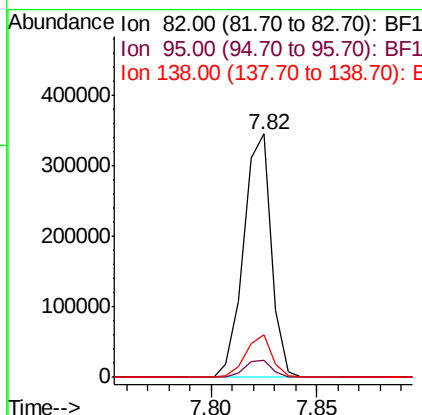
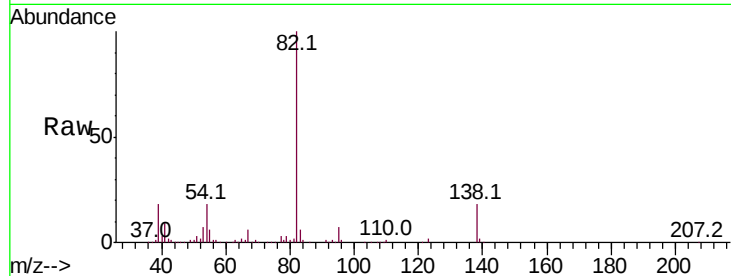
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	82	Resp:	312590
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 7.242 ng

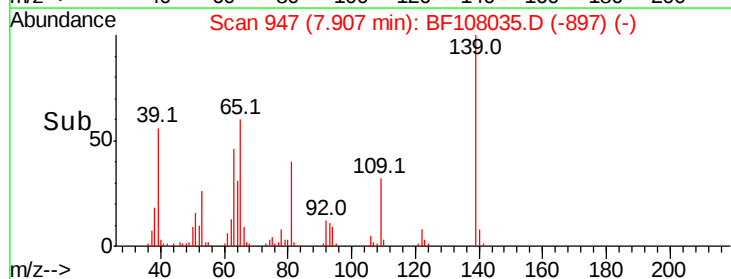
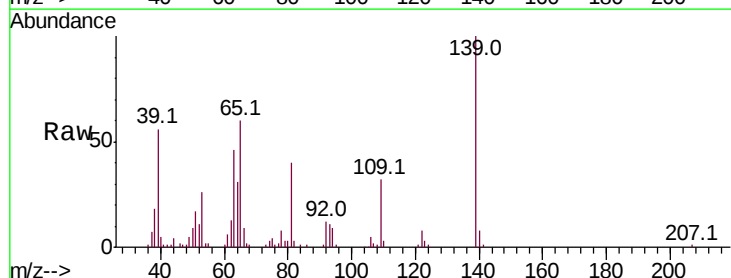
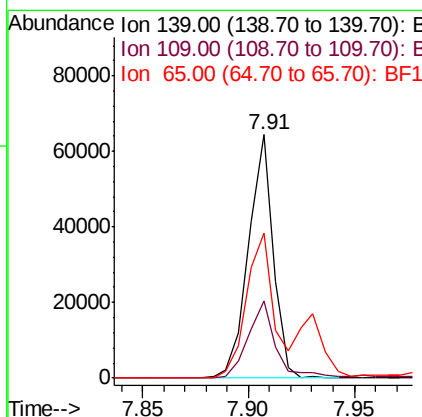
RT: 7.91 min Scan# 947

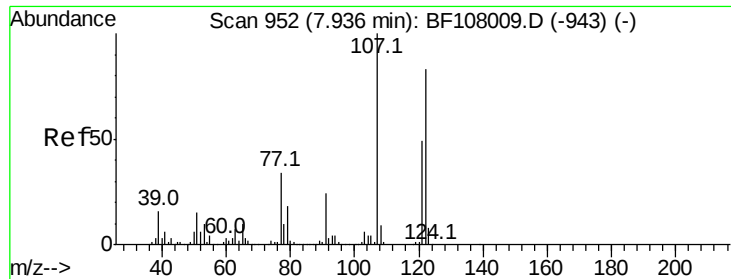
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	139	Resp:	52517
Ion Ratio	Lower	Upper	
139	100		
109	31.6	22.7	34.1
65	59.7	40.5	60.7





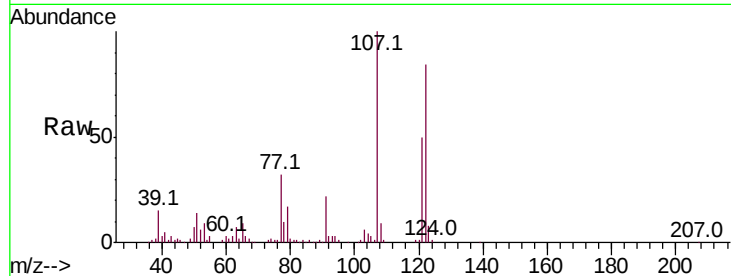
#27
 2,4-Dimethylphenol
 Concen: 8.868 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
122	100	142451		
107	119.2	91.2	136.8	
121	59.8	47.2	70.8	

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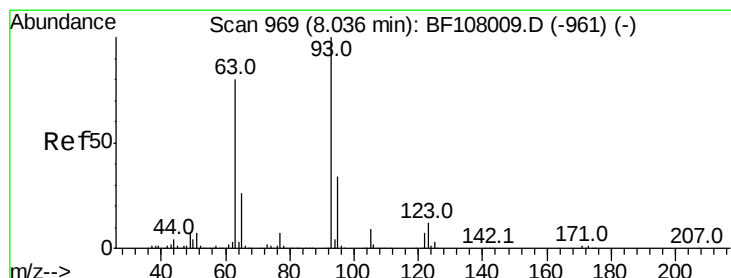
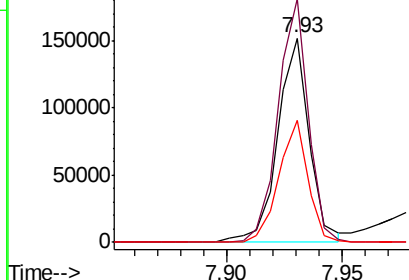
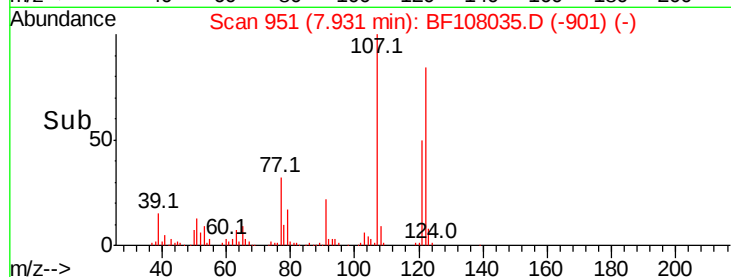


Abundance

Ion 122.00 (121.70 to 122.70): E

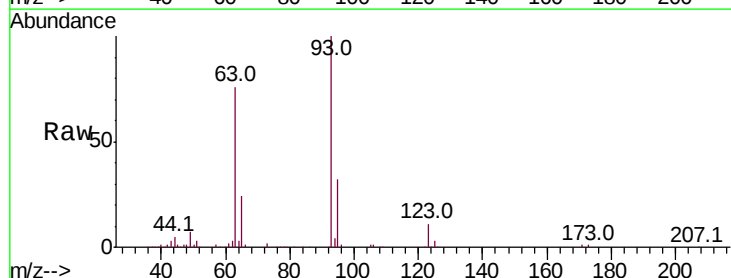
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.919 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	188455		
95	32.5	26.3	39.5	
123	11.1	9.8	14.6	

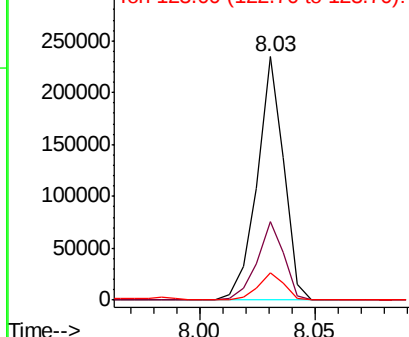
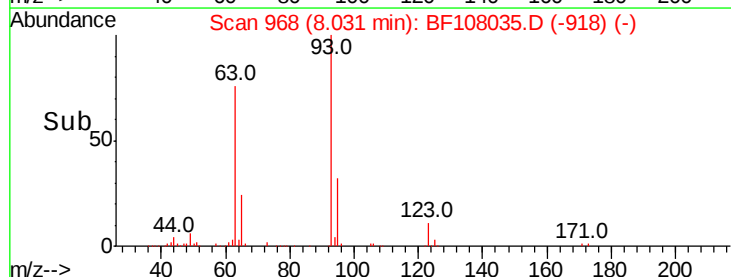


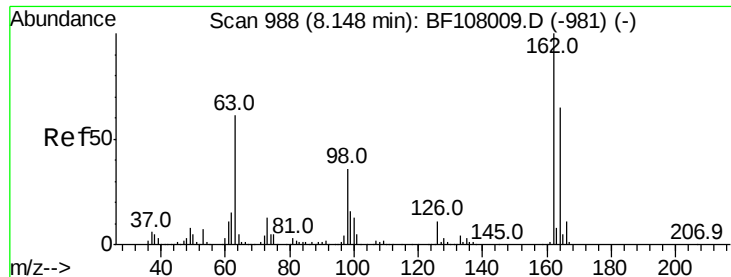
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 8.690 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

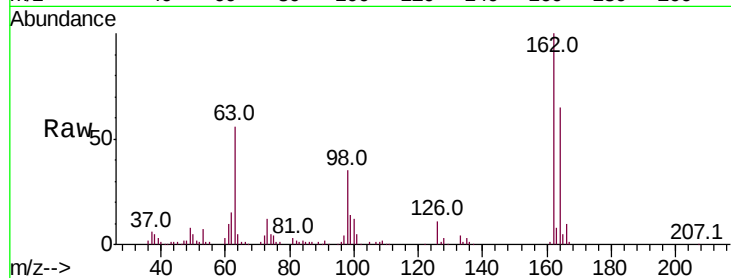
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	162	Resp:	128462
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.7	82.7
98	35.0	18.1	58.1

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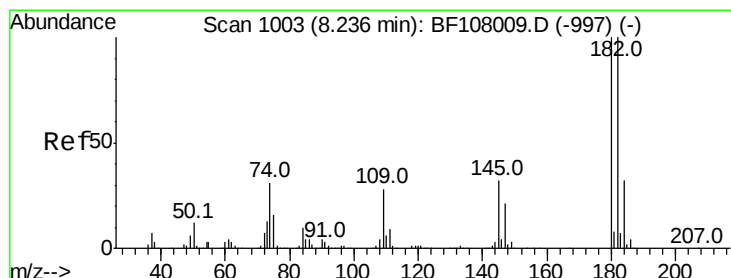
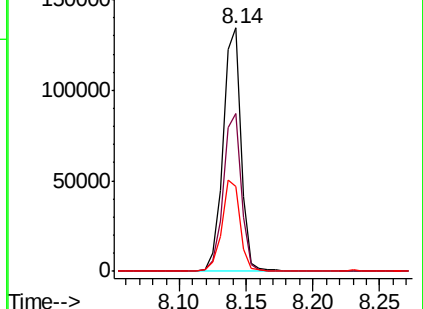
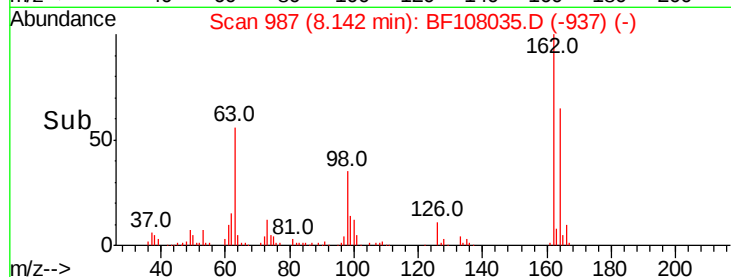
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 8.950 ng

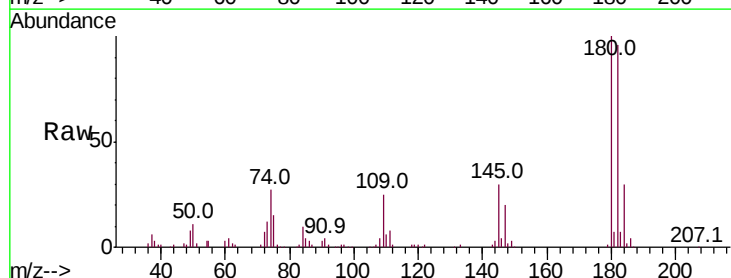
RT: 8.23 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

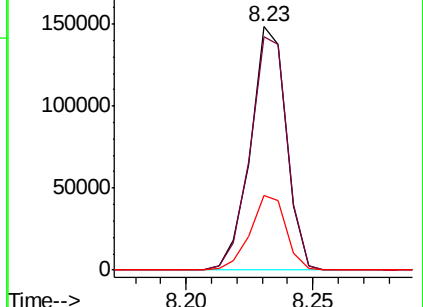
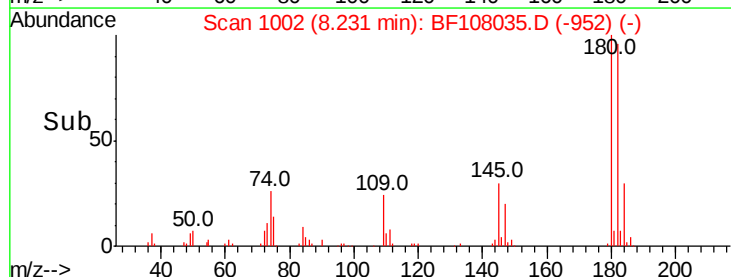
Tgt Ion:	180	Resp:	145873
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	30.4	26.5	39.7

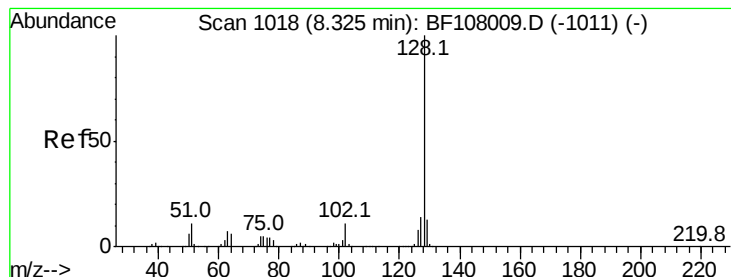


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.567 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

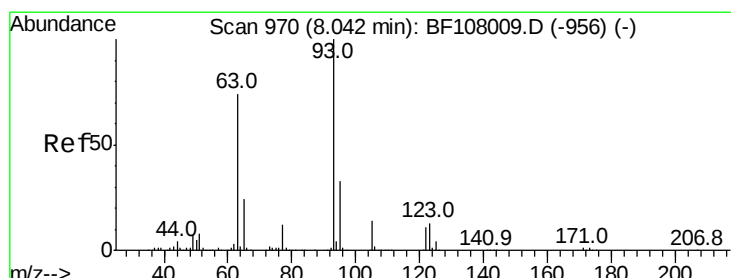
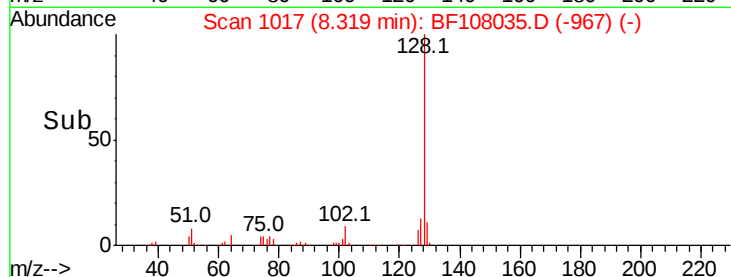
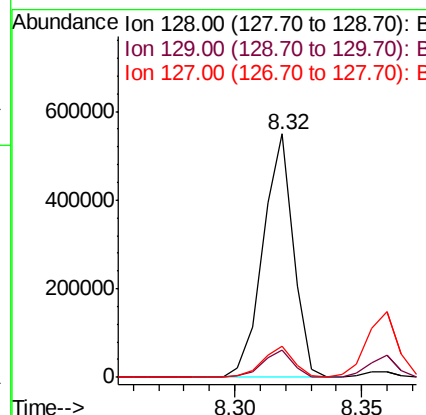
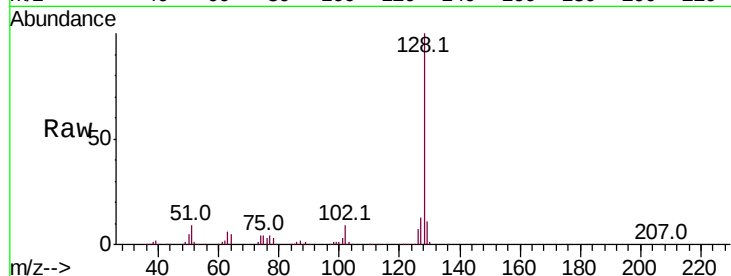
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	128	Resp:	461028
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.9	10.9	16.3

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#32

Benzoic acid

Concen: 10.170 ng m

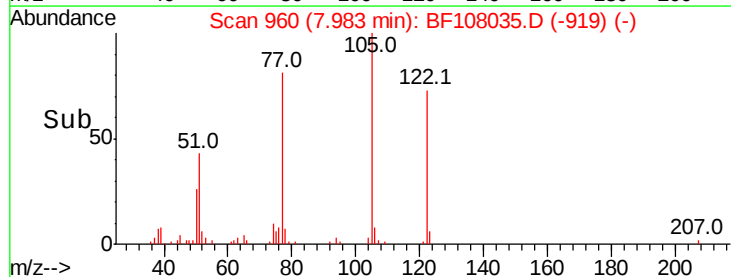
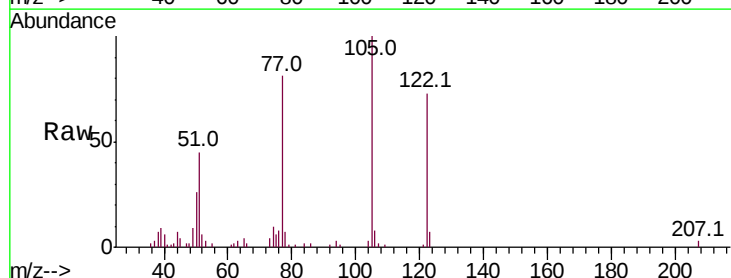
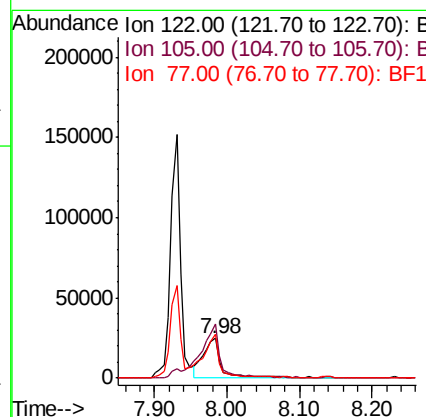
RT: 7.98 min Scan# 960

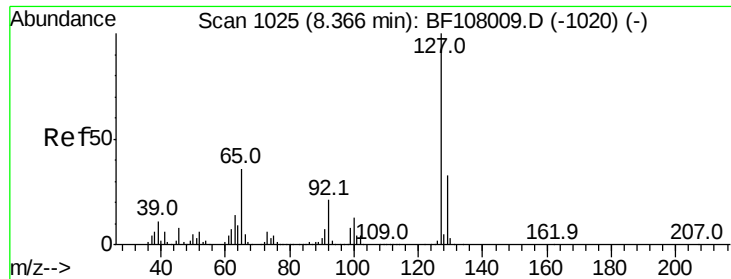
Delta R.T. -0.06 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	122	Resp:	44670
Ion Ratio	Lower	Upper	
122	100		
105	136.1	101.1	141.1
77	110.5	70.7	110.7





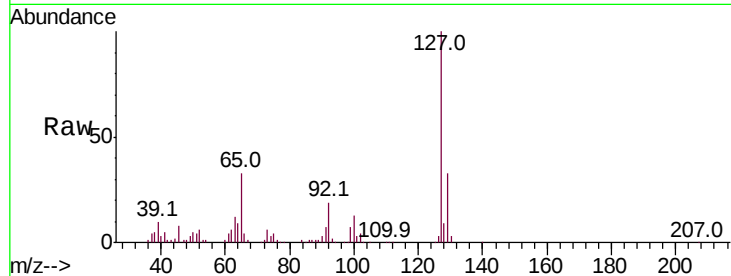
#33
4-Chloroaniline
Concen: 5.986 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

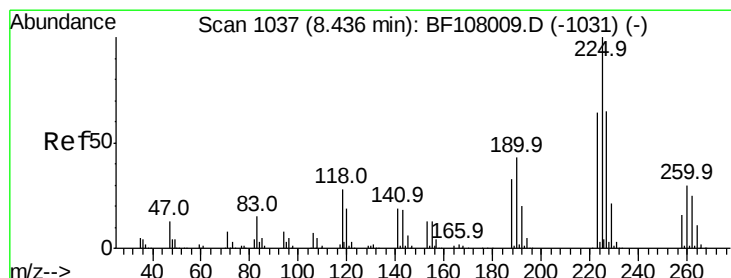
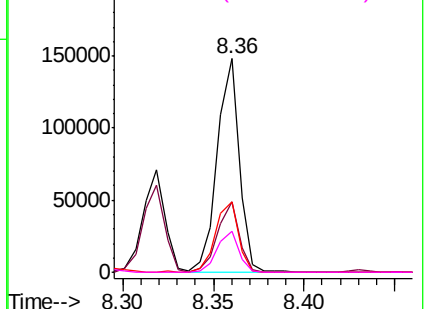
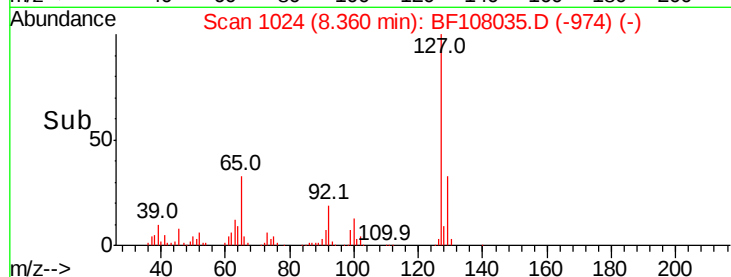
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	32.9	25.0	37.4	
92	19.2	15.2	22.8	

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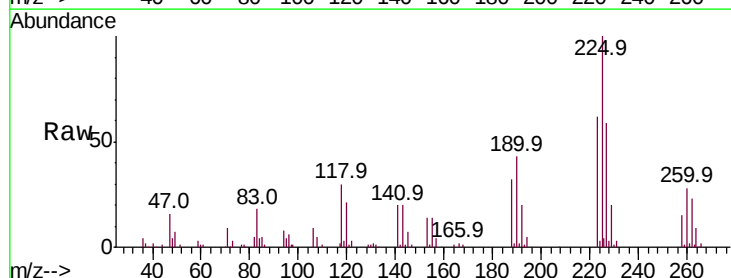


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

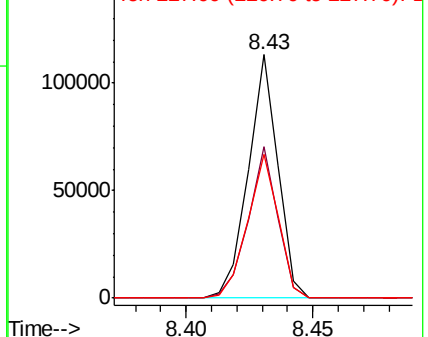
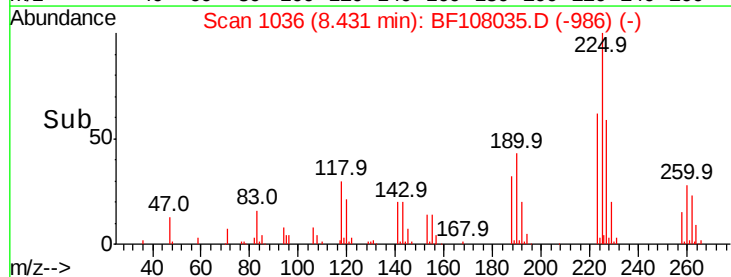


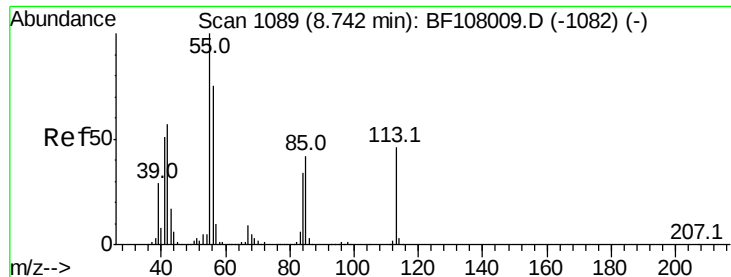
#34
Hexachlorobutadiene
Concen: 8.937 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	59.0	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





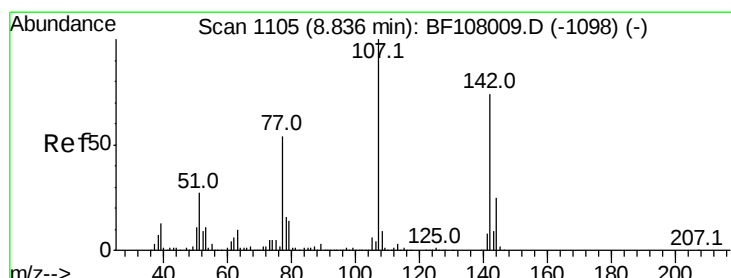
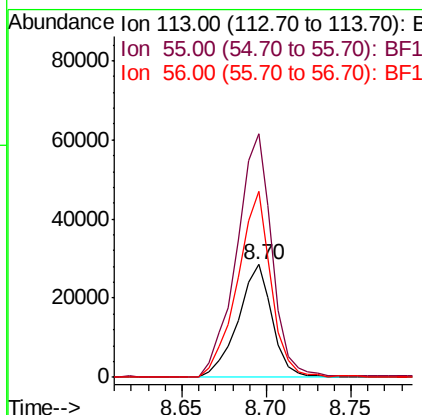
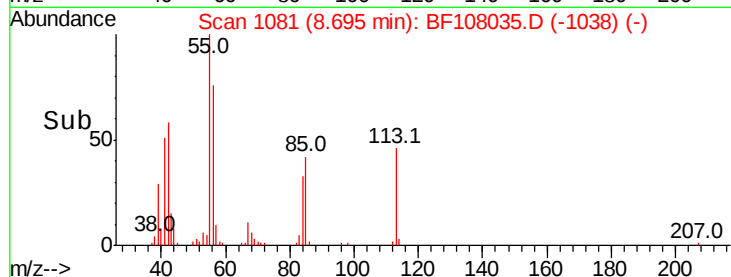
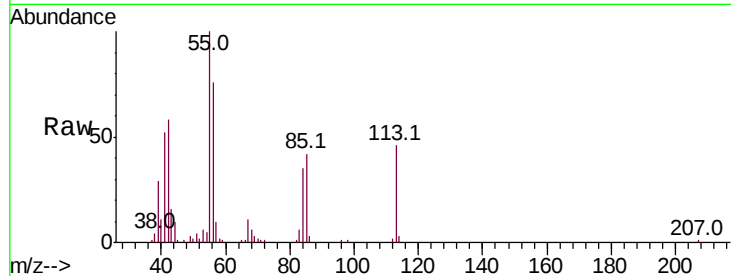
#35
 Caprolactam
 Concen: 8.610 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.05 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:113 Resp: 39885
 Ion Ratio Lower Upper
 113 100
 55 216.4 163.3 203.3#
 56 165.2 115.7 155.7#

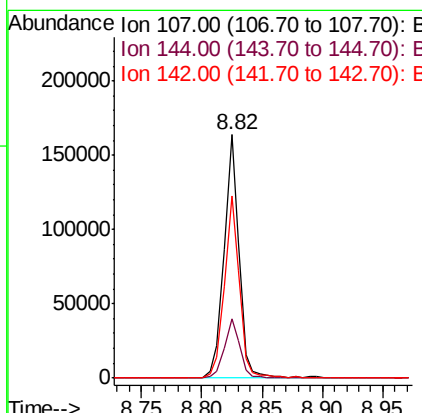
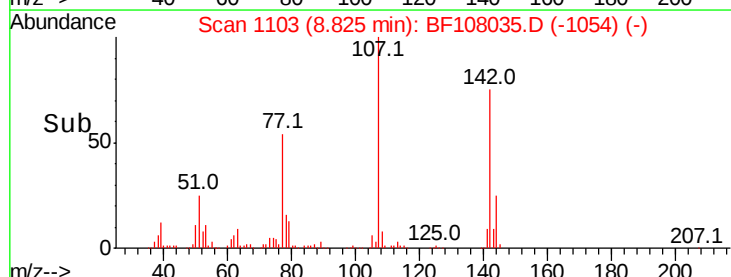
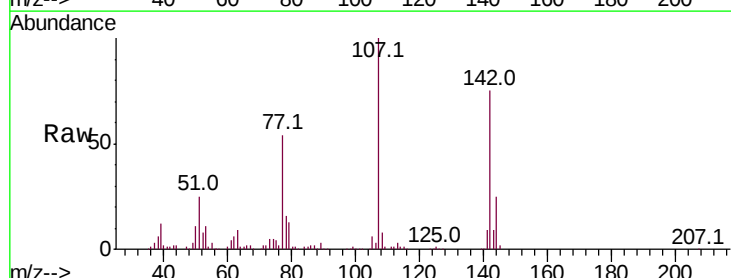
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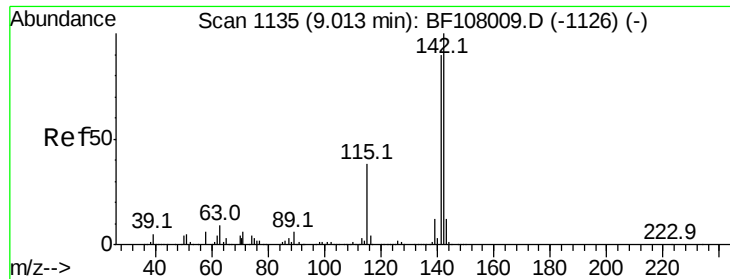
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#36
 4-Chloro-3-methylphenol
 Concen: 8.884 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:107 Resp: 141675
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 75.1 62.0 93.0





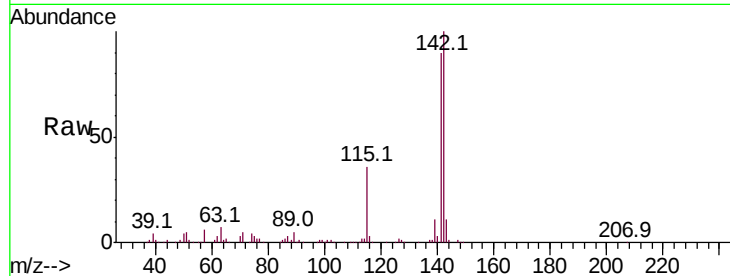
#37
2-Methylnaphthalene
Concen: 9.325 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	35.5	26.1	39.1

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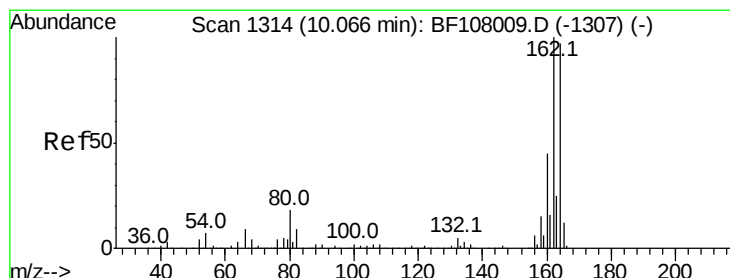
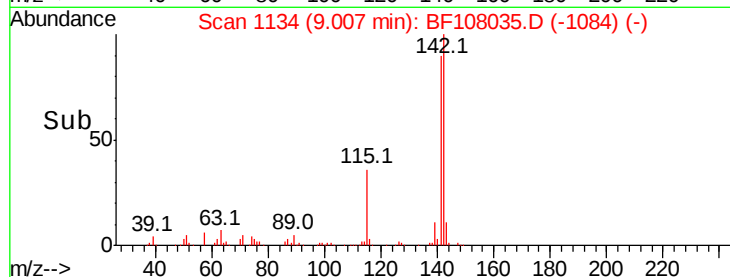
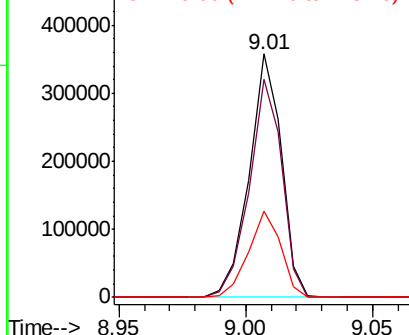


Abundance

Ion 142.00 (141.70 to 142.70): E

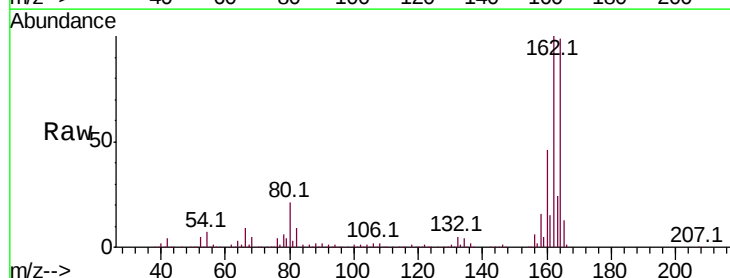
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.2	38.3	57.5

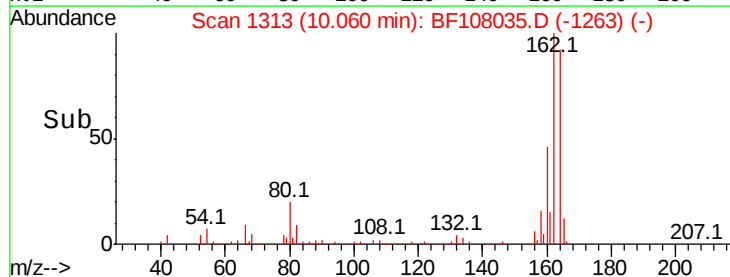
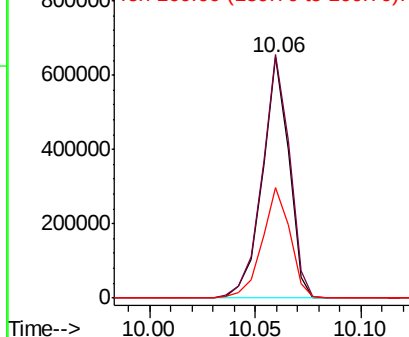


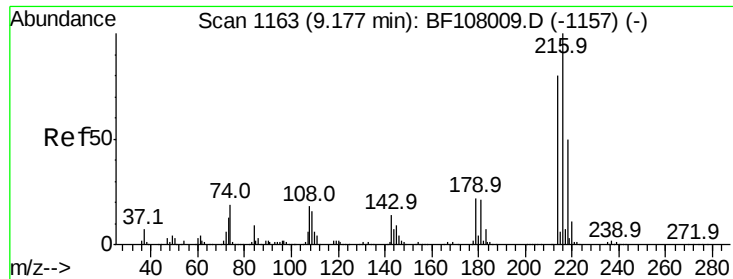
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





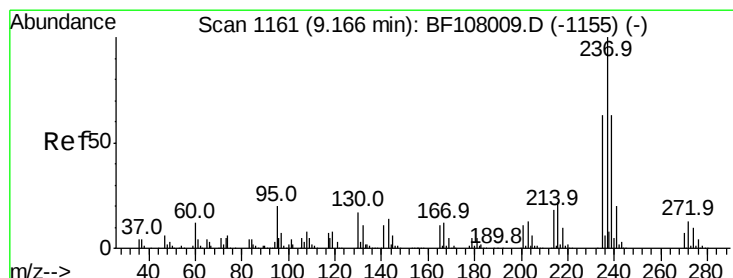
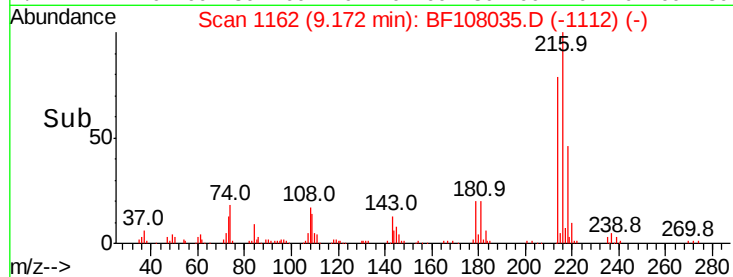
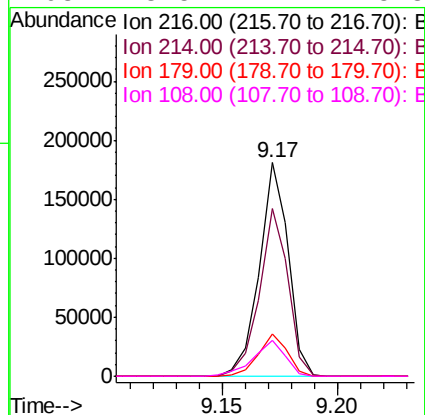
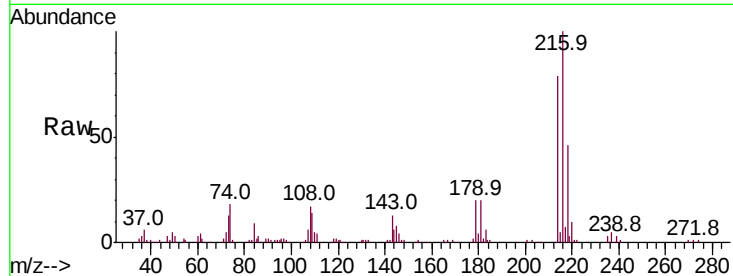
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.056 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.7	63.0	94.4
179	20.1	18.1	27.1
108	18.5	17.2	25.8

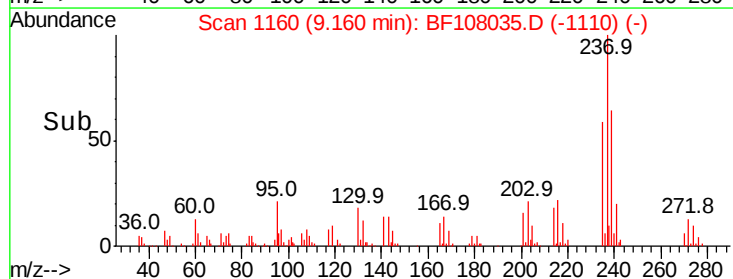
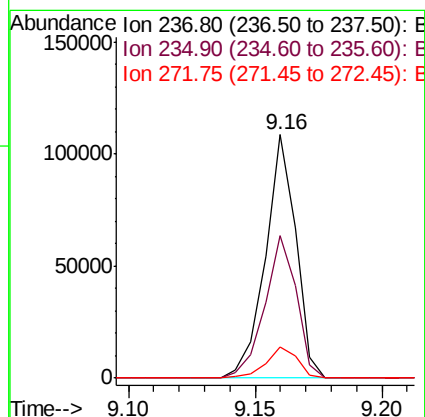
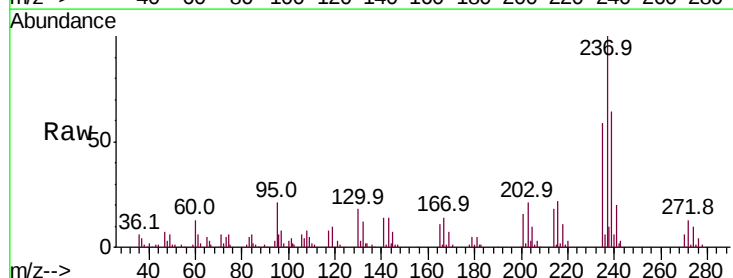
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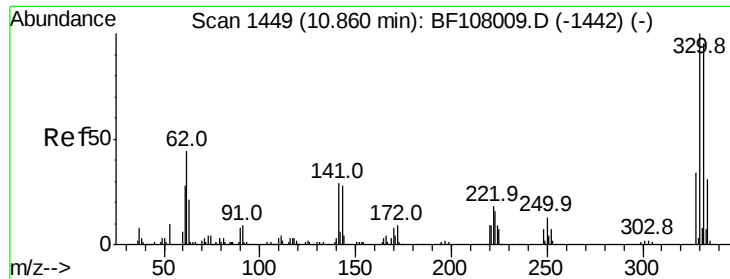
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#40
 Hexachlorocyclopentadiene
 Concen: 8.110 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	58.6	44.8	84.8
272	13.0	0.0	33.3





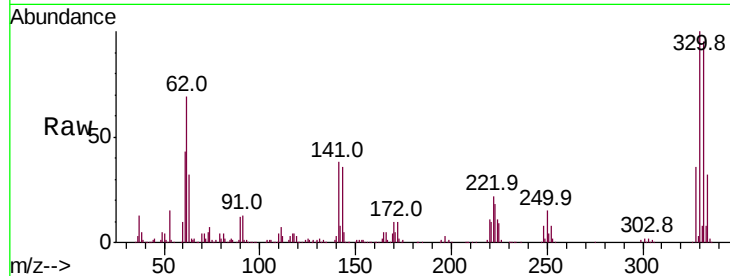
#41
 2,4,6-Tribromophenol
 Concen: 156.306 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	34.0	29.9	44.9	

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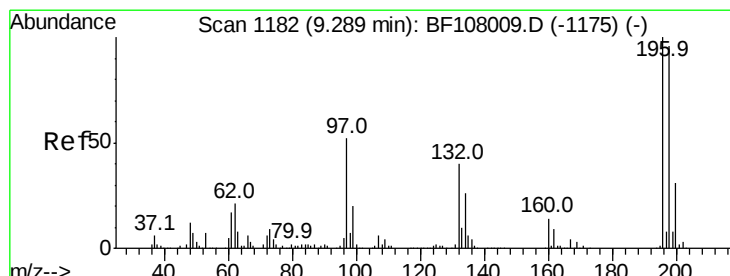
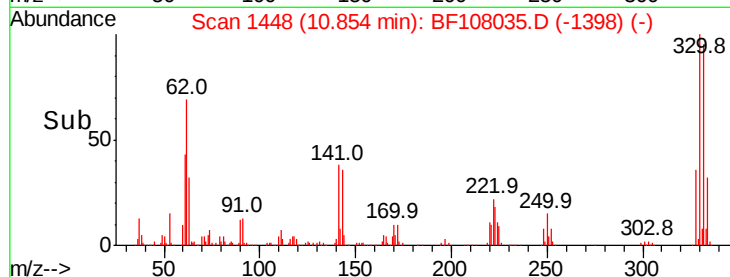
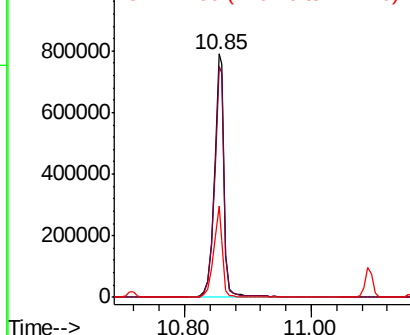


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 8.074 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

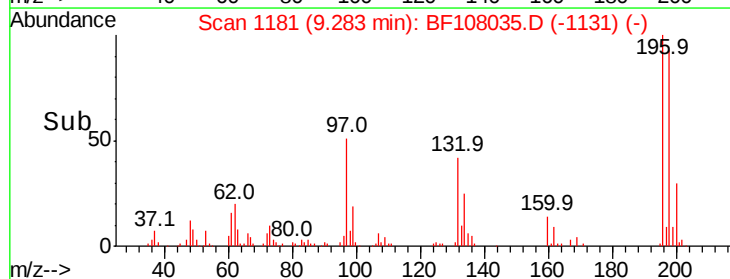
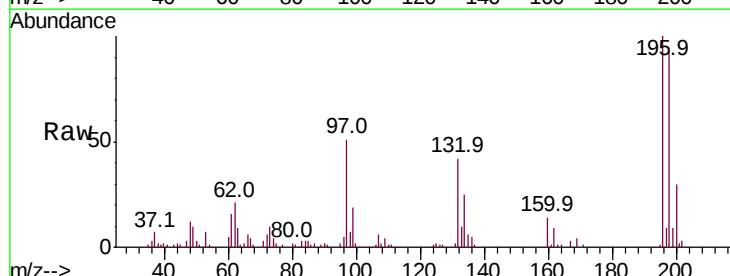
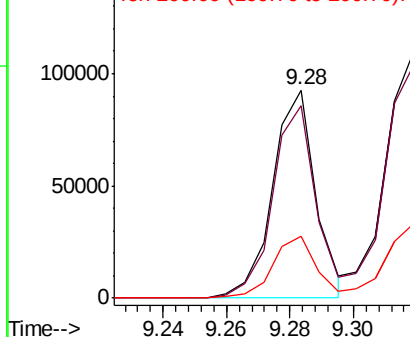
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.8	75.7	113.5	
200	29.9	24.5	36.7	

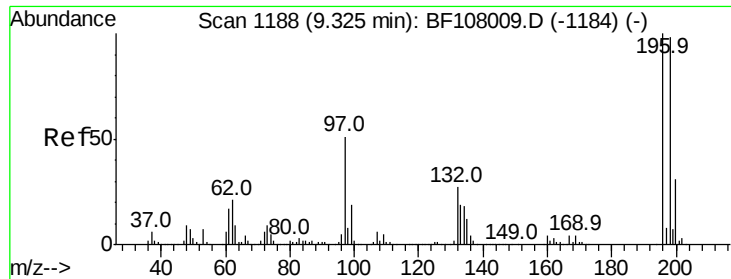
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





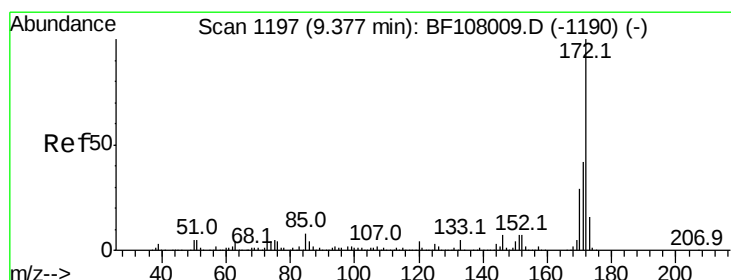
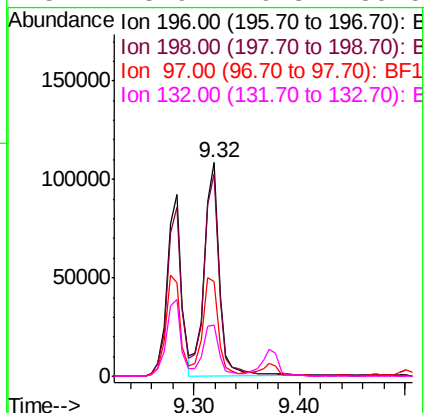
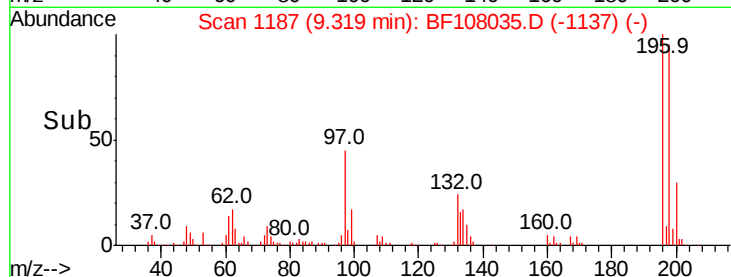
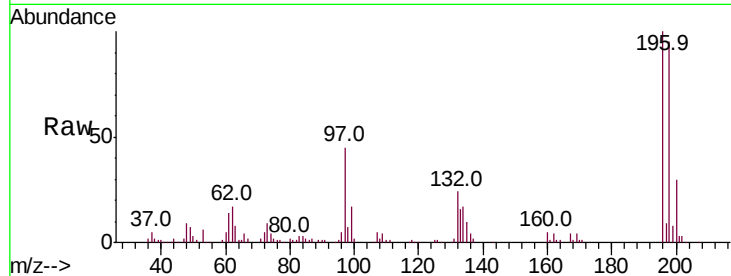
#43
 2,4,5-Trichlorophenol
 Concen: 8.975 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107092		
198	94.6	74.6	112.0	
97	44.7	42.9	64.3	
132	23.9	26.3	39.5	

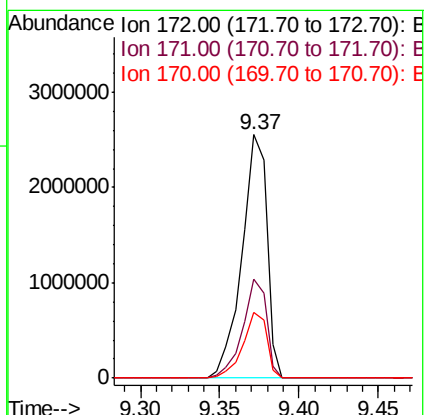
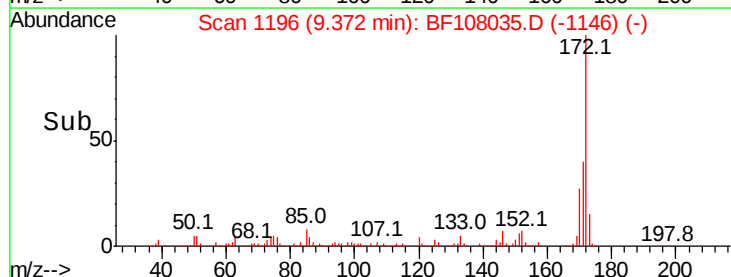
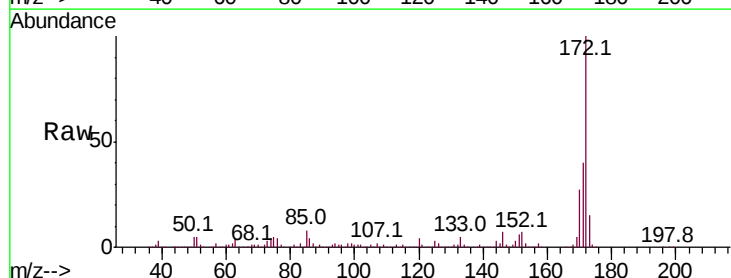
Manual Integrations
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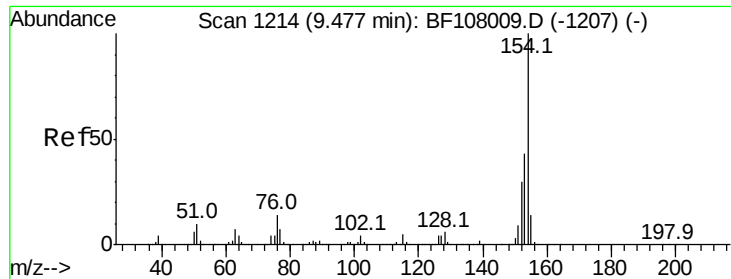
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#44
 2-Fluorobiphenyl
 Concen: 78.561 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2783268		
171	40.4	29.7	44.5	
170	26.9	19.6	29.4	





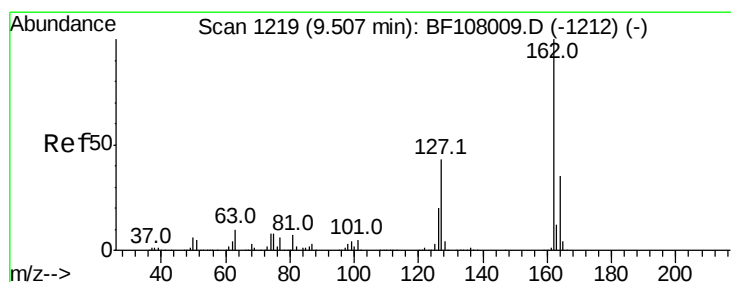
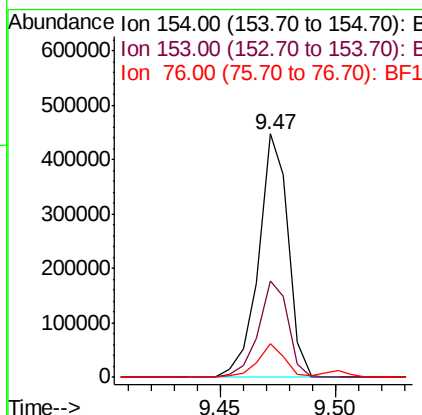
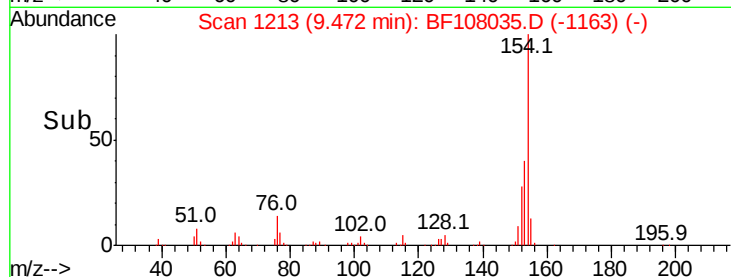
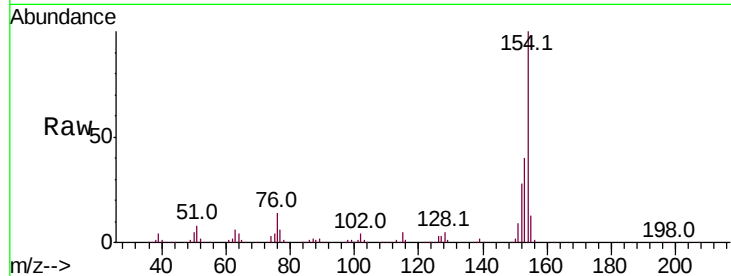
#45
1,1'-Biphenyl
Concen: 9.529 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	21.3	61.3	
76	13.6	0.0	34.0	

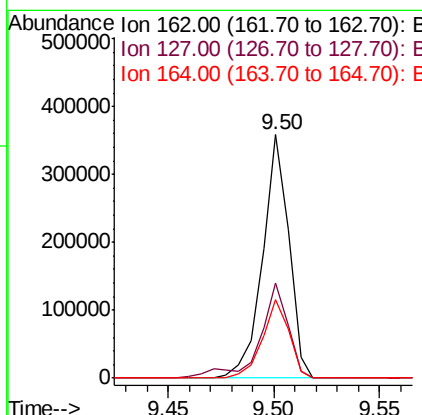
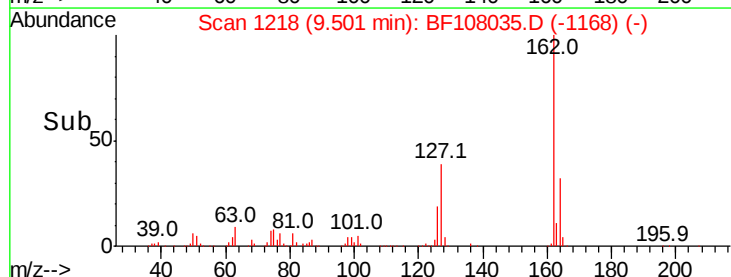
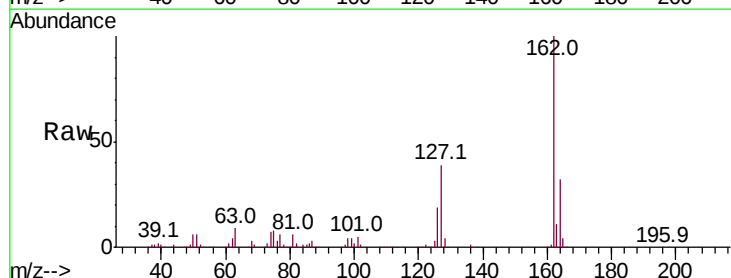
Manual Integrations
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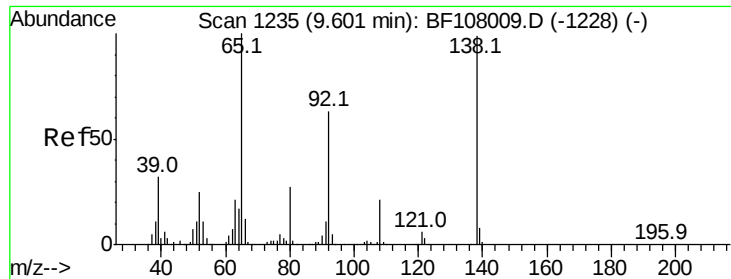
Sohil
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#46
2-Chloronaphthalene
Concen: 9.344 ng
RT: 9.50 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.0	33.9	50.9	
164	32.3	26.5	39.7	





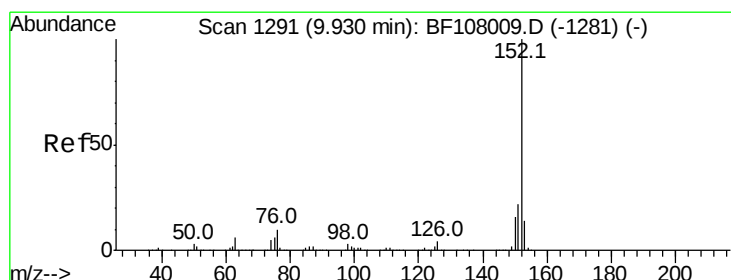
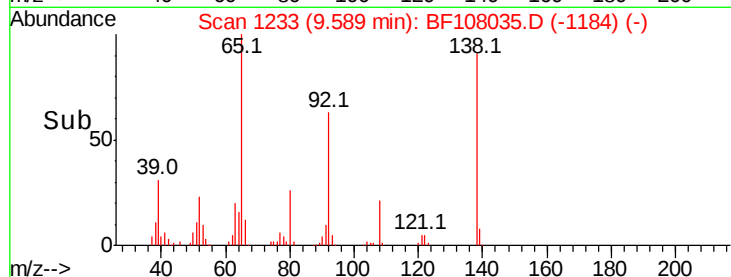
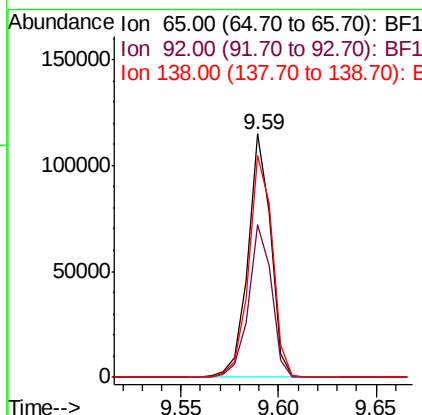
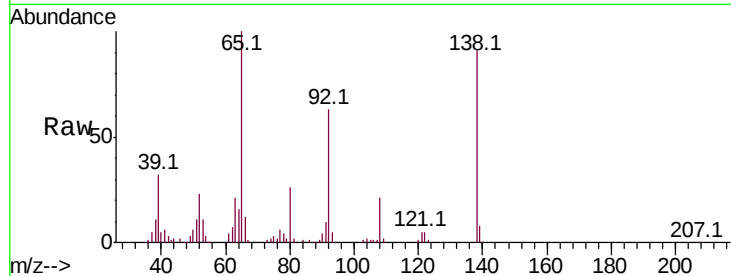
#47
2-Nitroaniline
Concen: 8.673 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	55.8	83.6
138	91.3	91.2	136.8

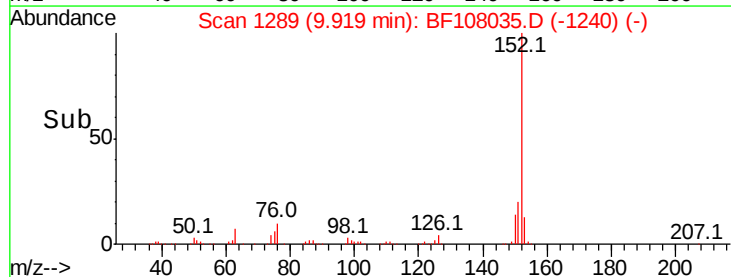
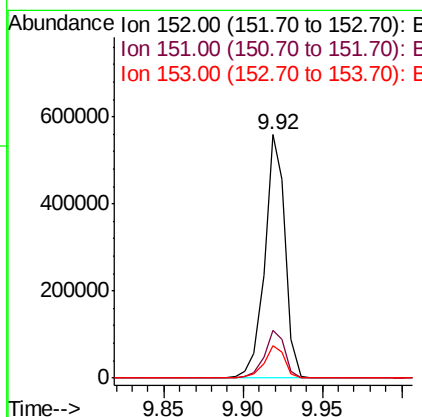
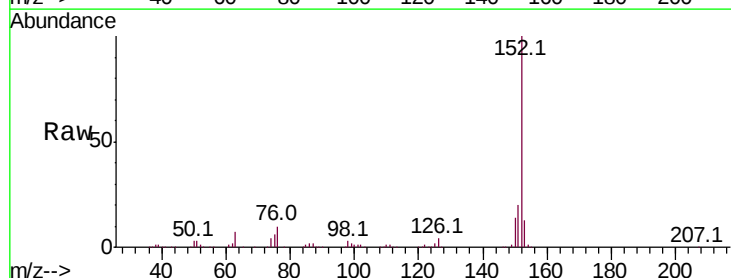
Manual Integrations
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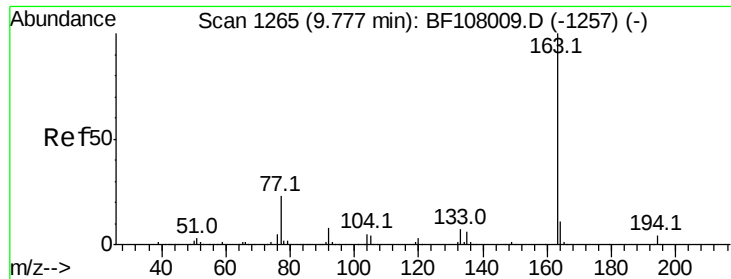
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#48
Acenaphthylene
Concen: 9.602 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.5	10.7	16.1





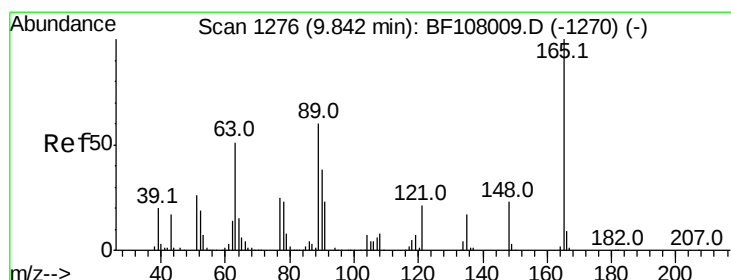
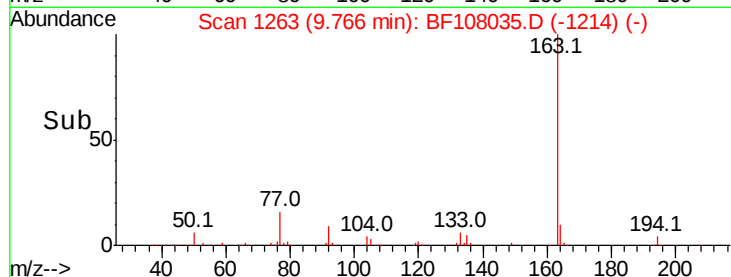
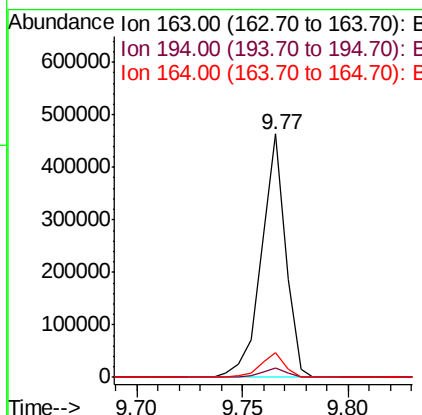
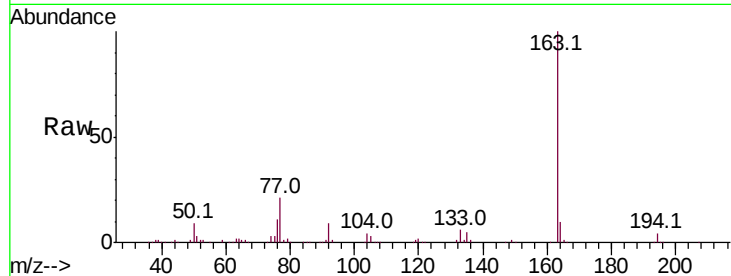
#49
Dimethylphthalate
Concen: 9.345 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.1	8.2	12.2	

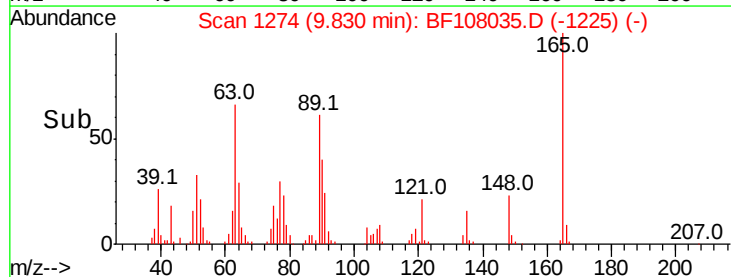
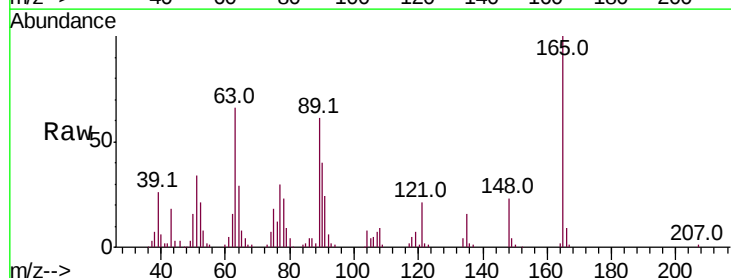
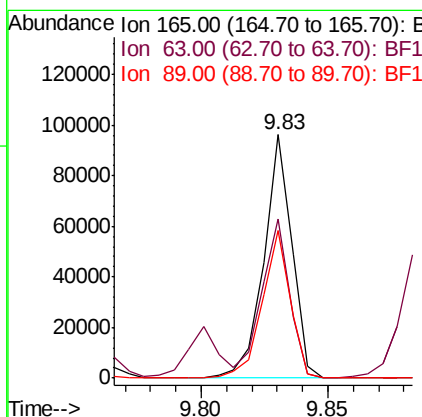
Manual Integrations
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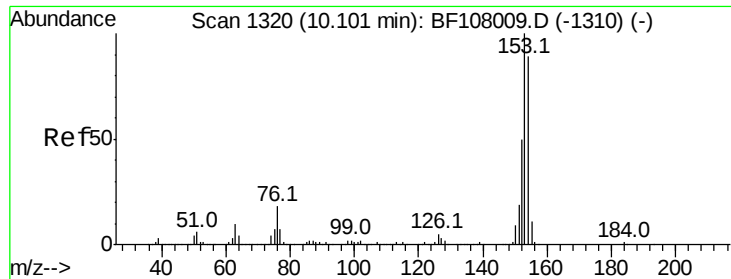
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#50
2,6-Dinitrotoluene
Concen: 8.989 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.5	44.7	67.1	
89	60.6	44.0	66.0	





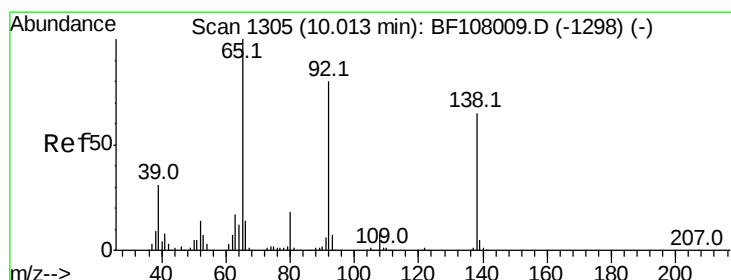
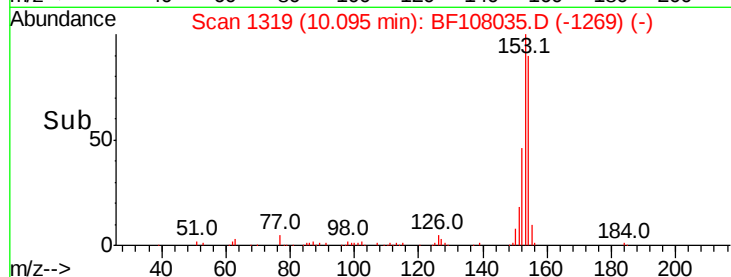
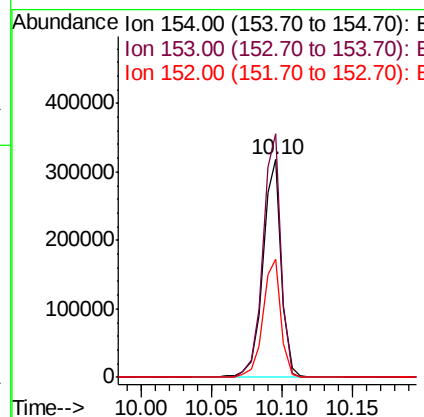
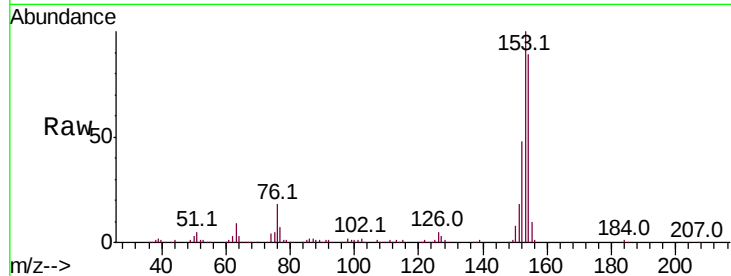
#51
Acenaphthene
Concen: 9.169 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	54.0	43.8	65.8

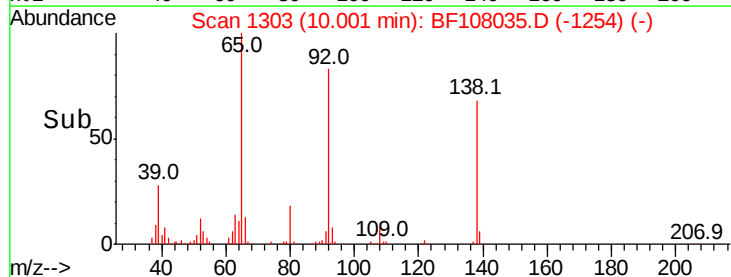
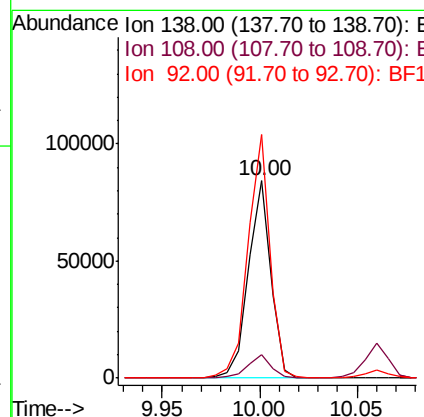
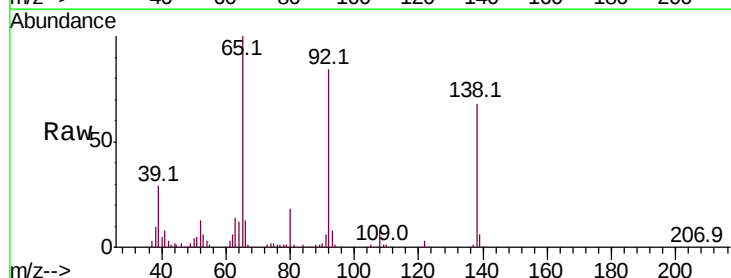
Manual Integrations
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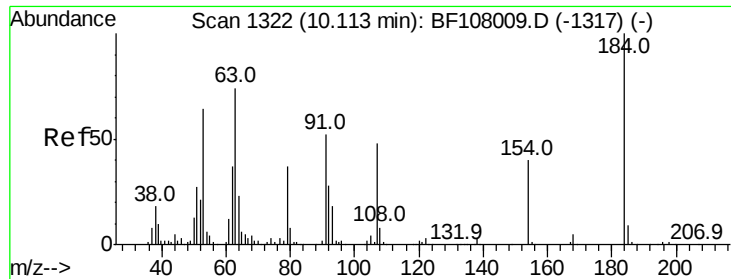
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#52
3-Nitroaniline
Concen: 7.416 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.4	14.0
92	123.3	89.4	134.2





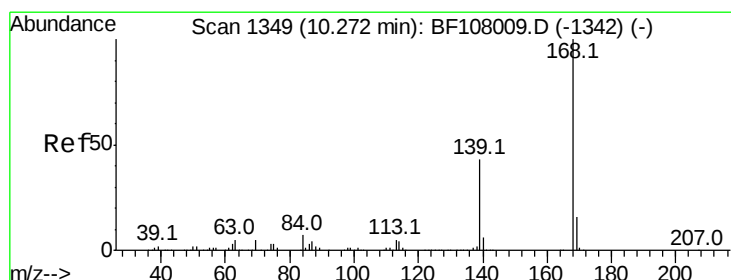
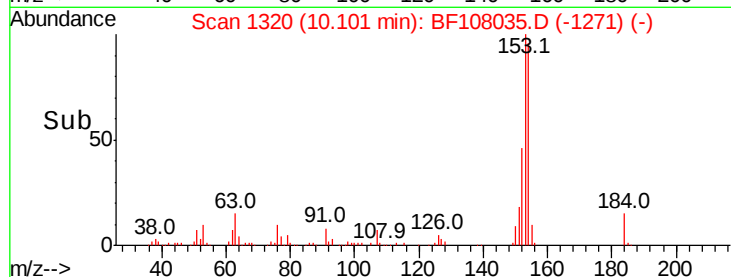
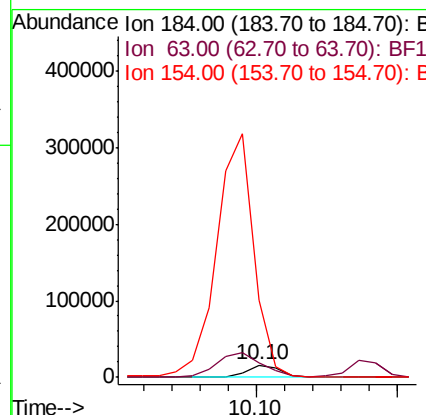
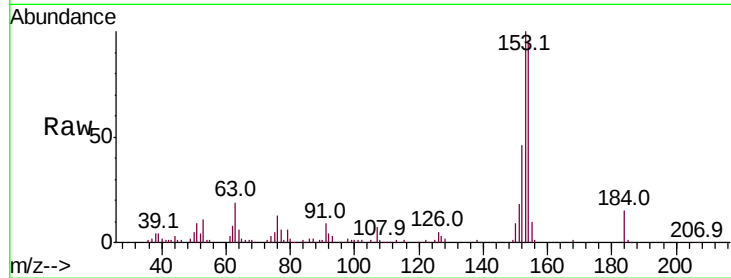
#53
 2,4-Dinitrophenol
 Concen: 10.975 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	121.1	54.2	81.2#
154	628.0	184.0	276.0#

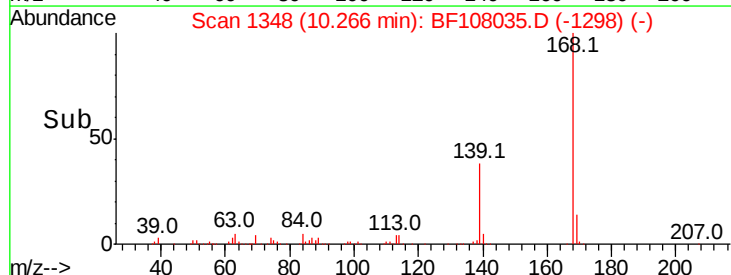
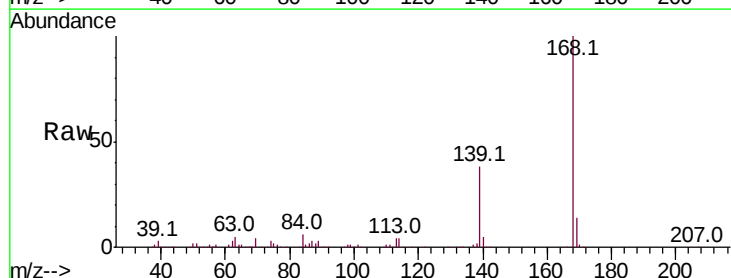
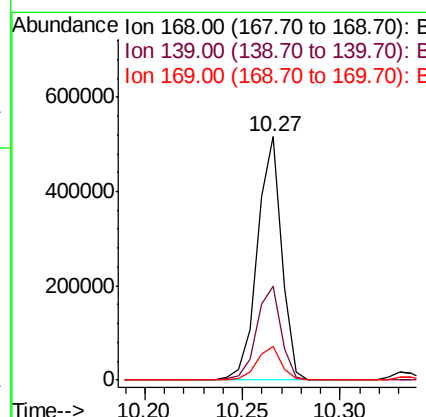
Manual Integrations
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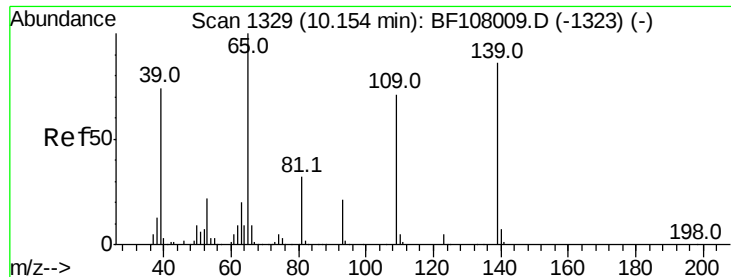
Sohil
 8/9/2018 5:01:41 PM



#54
 Dibenzofuran
 Concen: 9.516 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.6	10.9	16.3





#55

4-Nitrophenol

Concen: 8.020 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

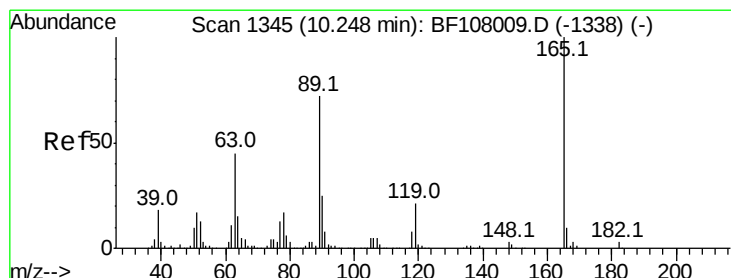
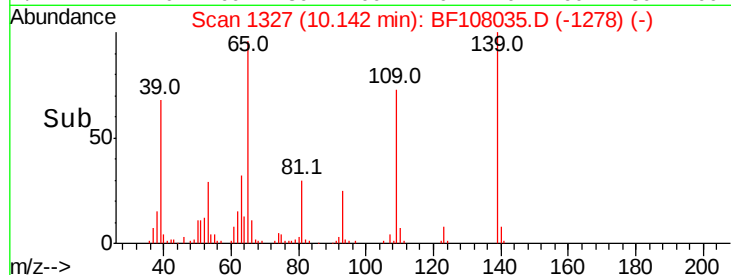
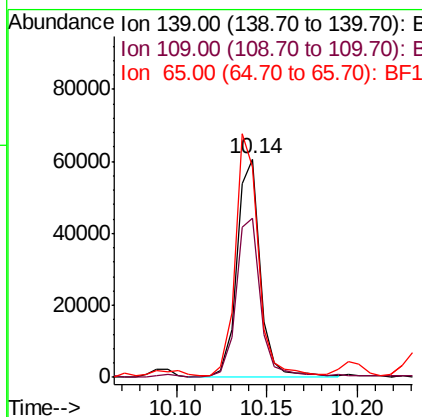
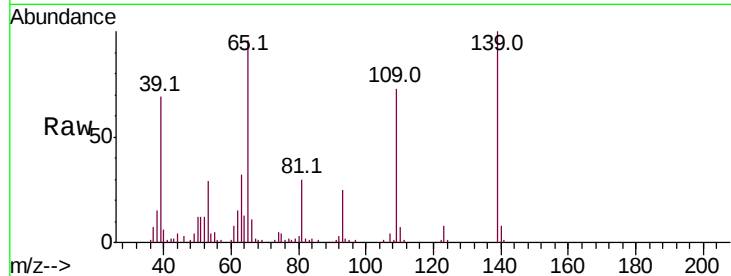
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	139	Resp:	55081
Ion Ratio	Lower	Upper	
139	100		
109	73.1	48.4	88.4
65	96.4	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 9.042 ng

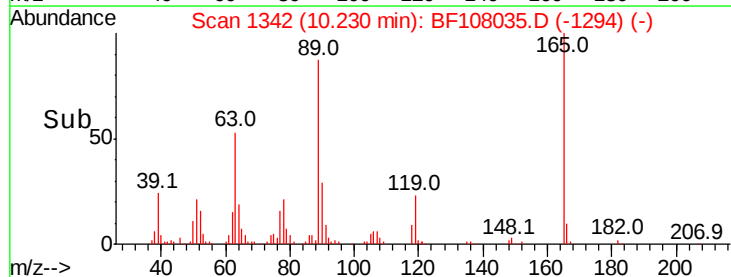
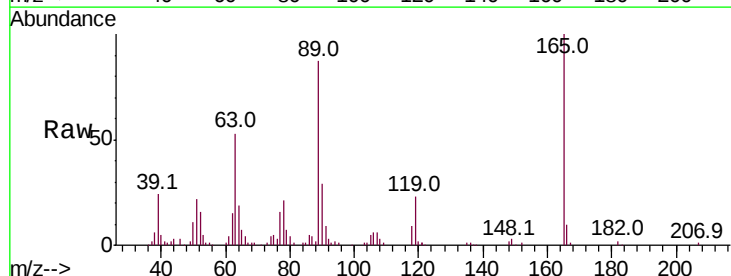
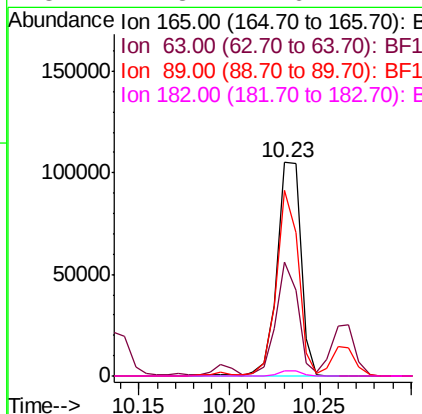
RT: 10.23 min Scan# 1342

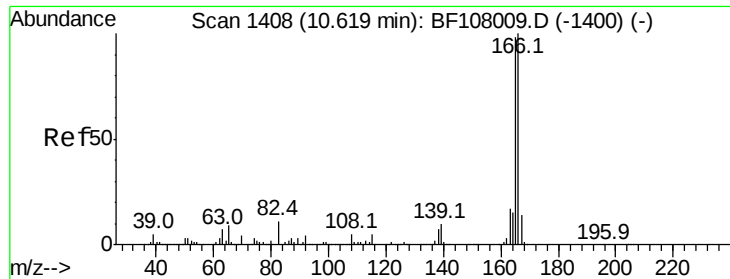
Delta R.T. -0.02 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	165	Resp:	96480
Ion Ratio	Lower	Upper	
165	100		
63	53.5	36.4	54.6
89	86.8	57.8	86.6#
182	2.3	1.6	2.4





#57

Fluorene

Concen: 9.652 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

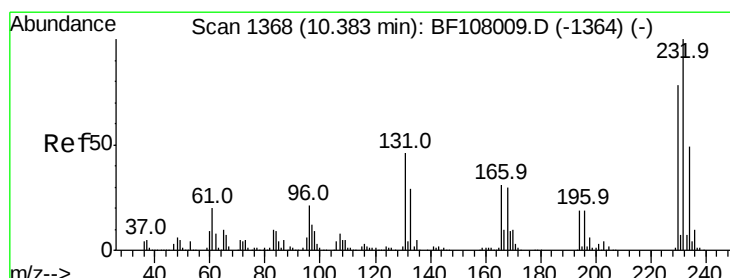
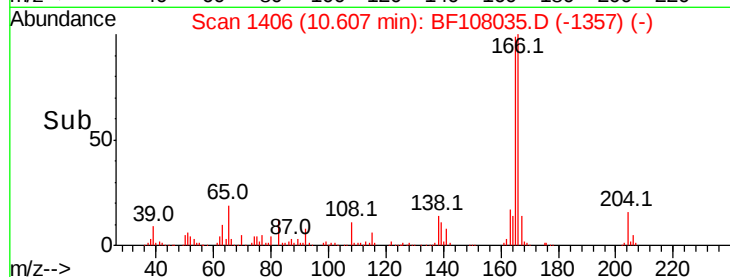
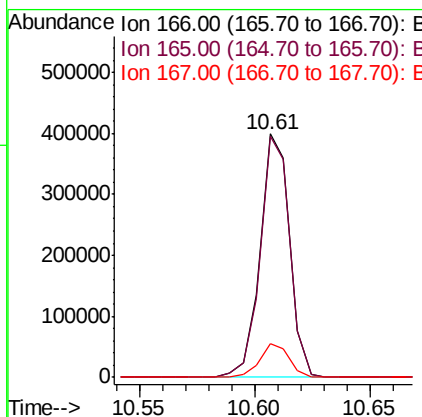
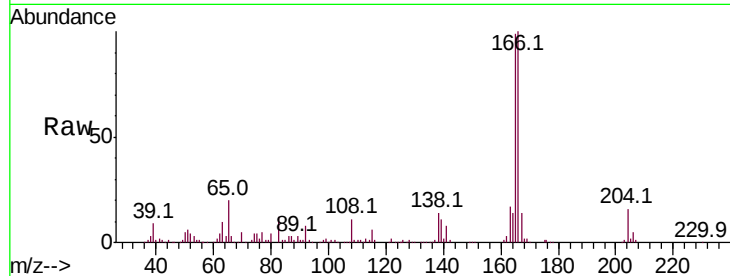
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	166	Resp:	355281
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.7	10.6	16.0

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8/9/2018 5:01:41 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.099 ng

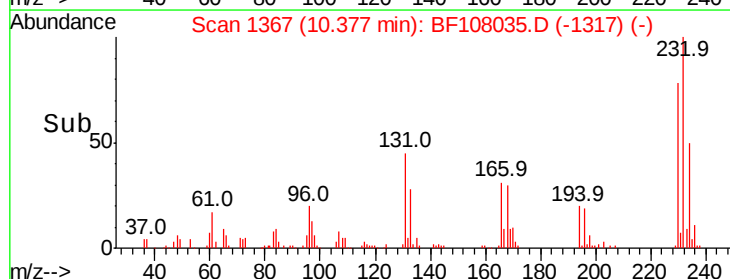
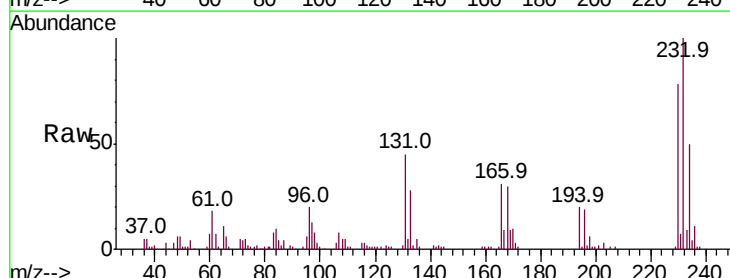
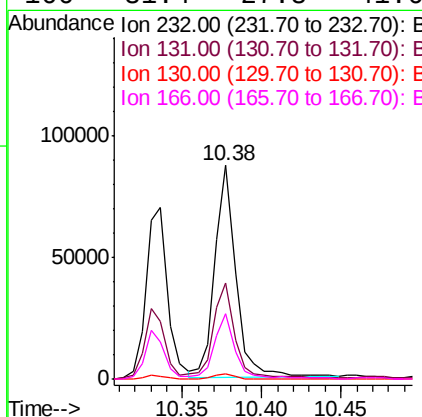
RT: 10.38 min Scan# 1367

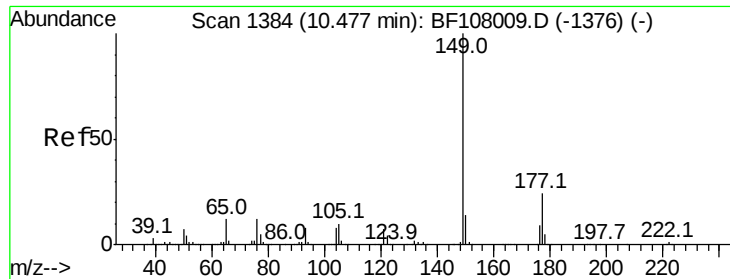
Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	232	Resp:	80774
Ion Ratio	Lower	Upper	
232	100		
131	47.5	43.8	65.8
130	2.2	2.1	3.1
166	31.4	27.8	41.6





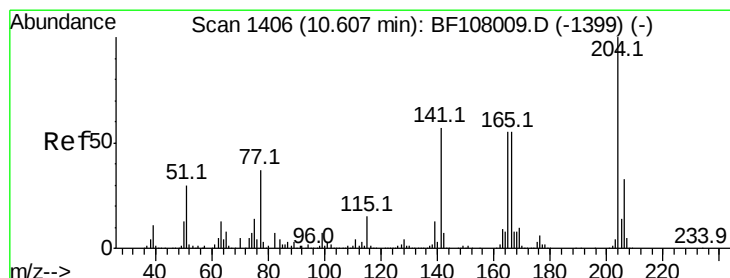
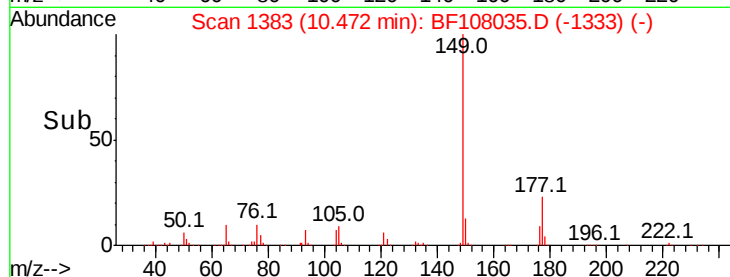
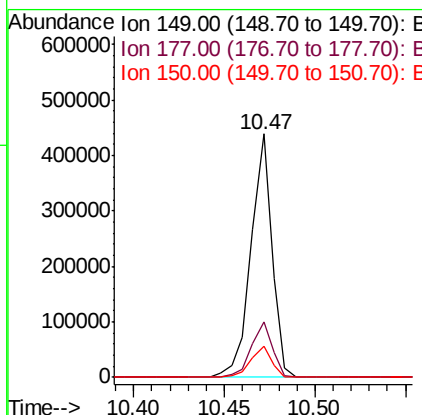
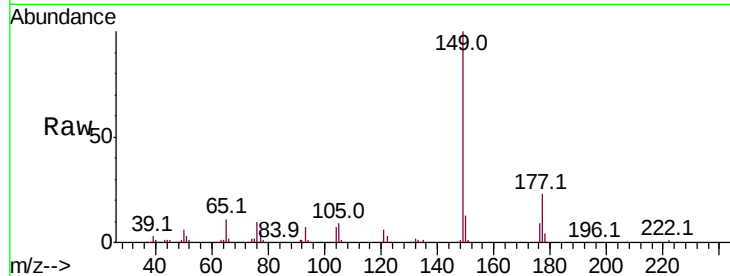
#59
Diethylphthalate
Concen: 9.242 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.6	16.1	24.1	
150	12.6	10.1	15.1	

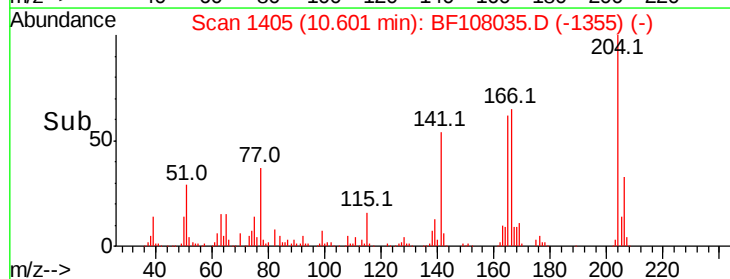
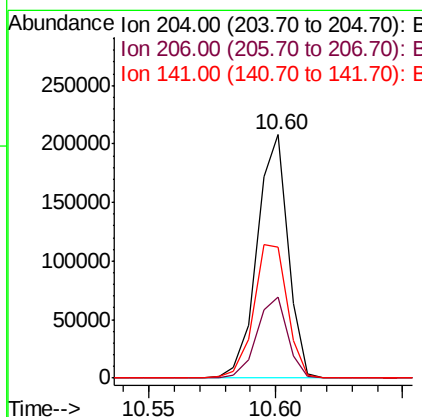
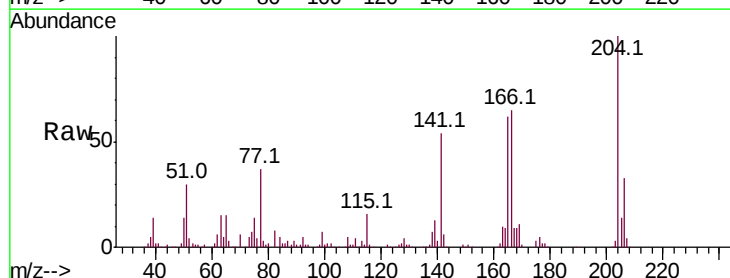
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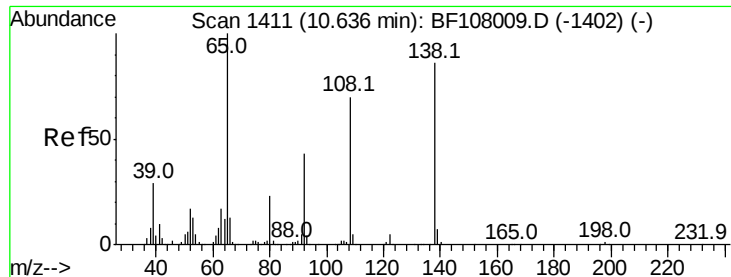
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#60
4-Chlorophenyl-phenylether
Concen: 9.286 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.5	39.7	
141	53.9	54.6	81.8#	





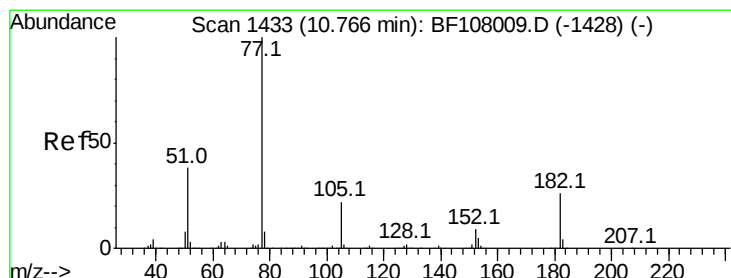
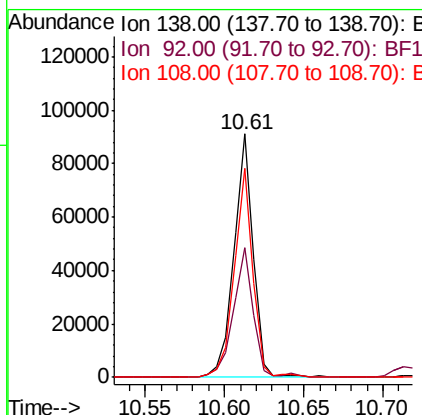
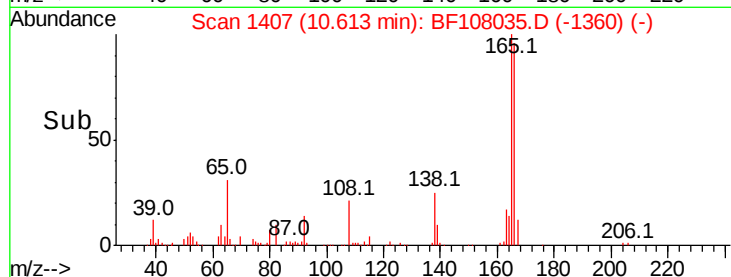
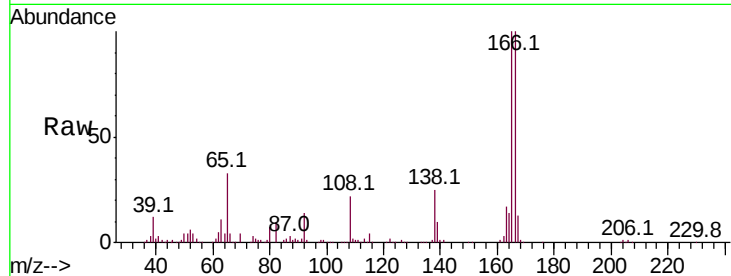
#61
4-Nitroaniline
Concen: 8.546 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	30.2	70.2
108	86.0	52.5	92.5

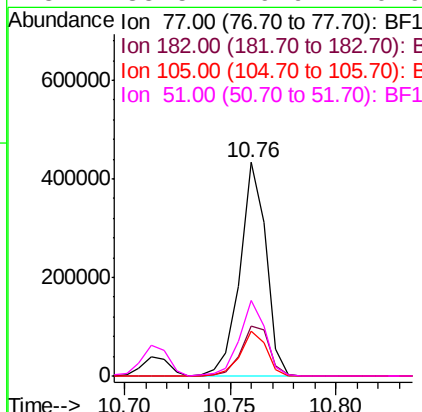
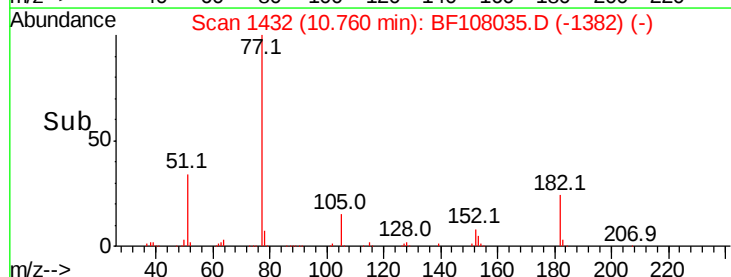
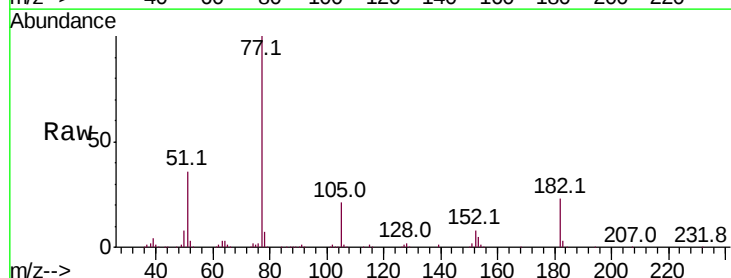
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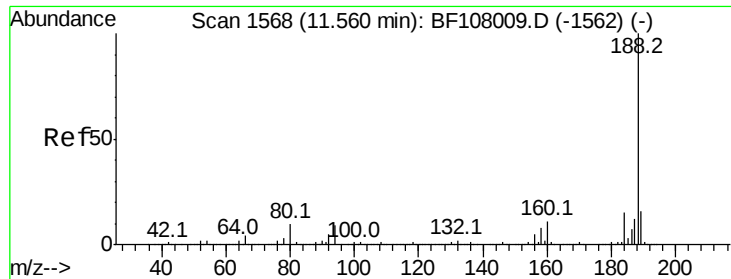
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8/9/2018 5:01:41 PM



#62
Azobenzene
Concen: 9.352 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.7	41.7
105	20.7	3.0	43.0
51	35.5	9.9	49.9





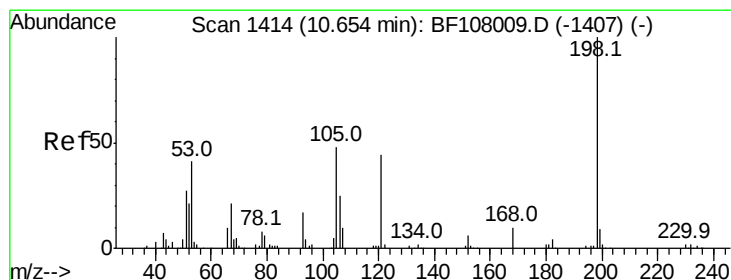
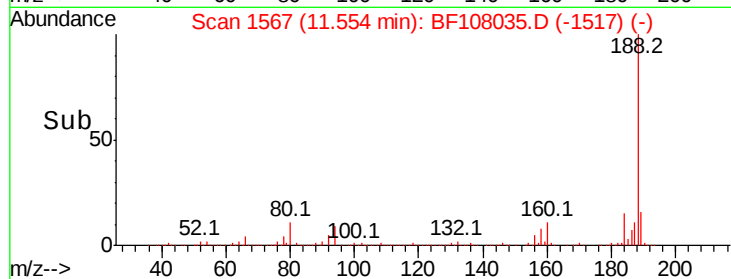
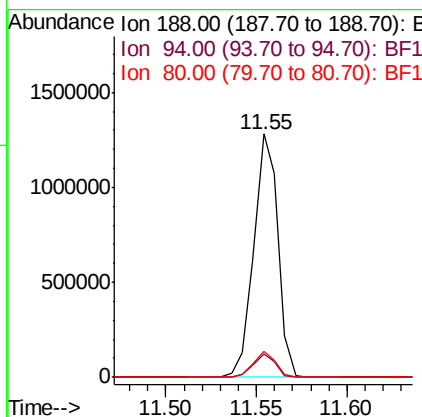
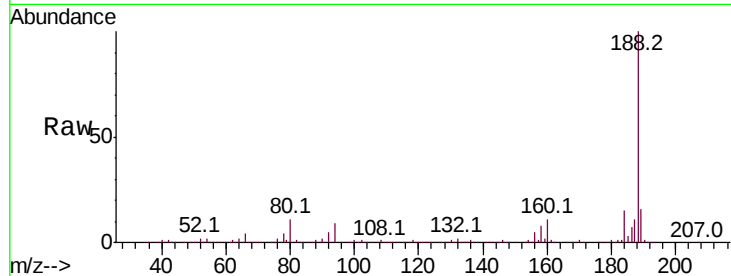
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1183457		
94	9.4		8.5	12.7
80	10.6		9.2	13.8

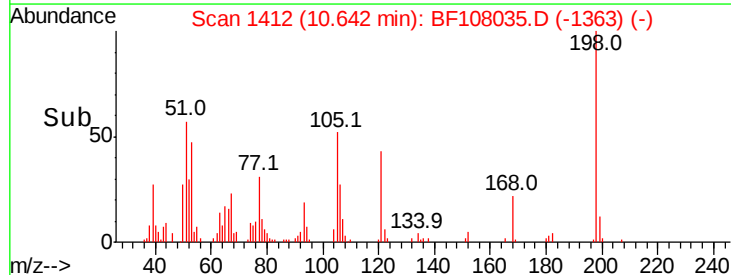
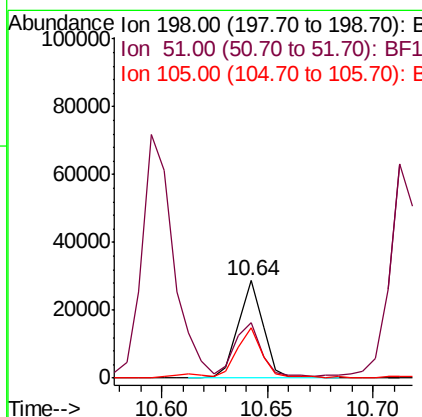
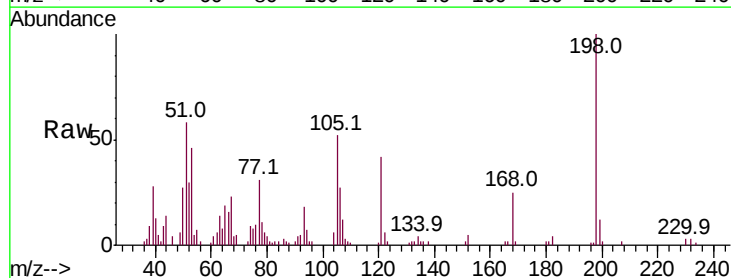
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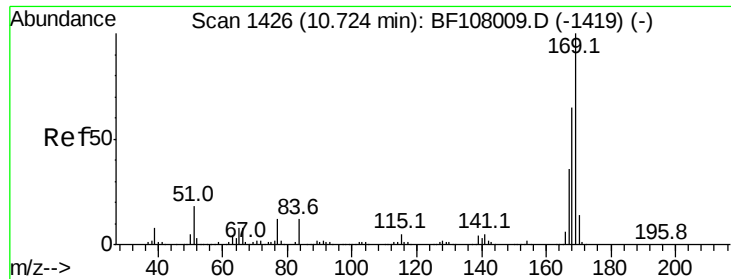
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.063 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23528		
51	57.7		37.7	77.7
105	51.8		36.3	76.3





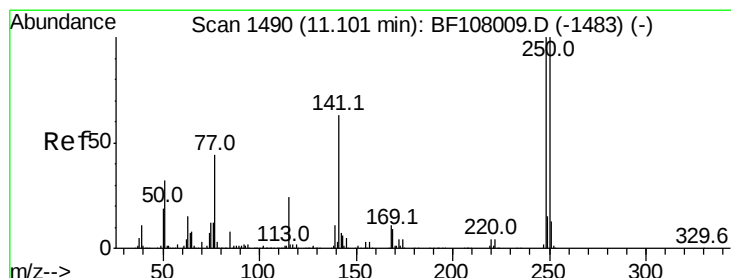
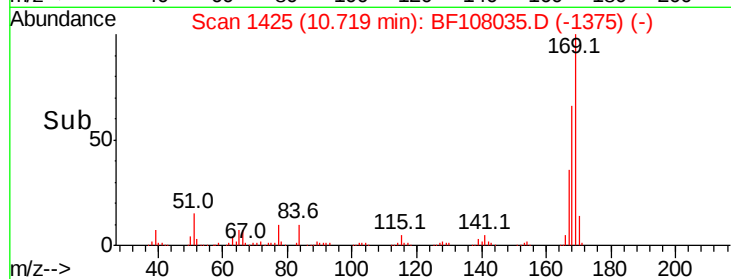
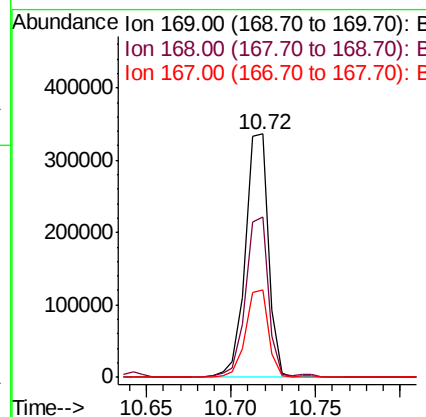
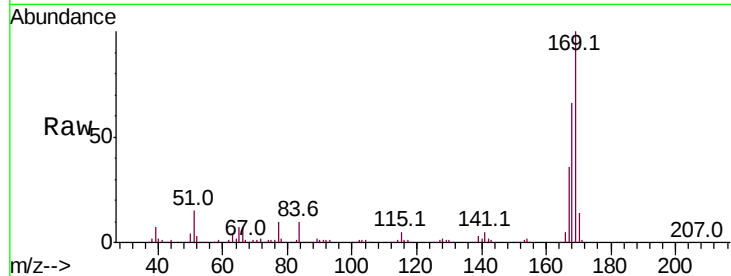
#65
n-Nitrosodiphenylamine
Concen: 9.172 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	54.4	81.6	
167	36.0	29.8	44.6	

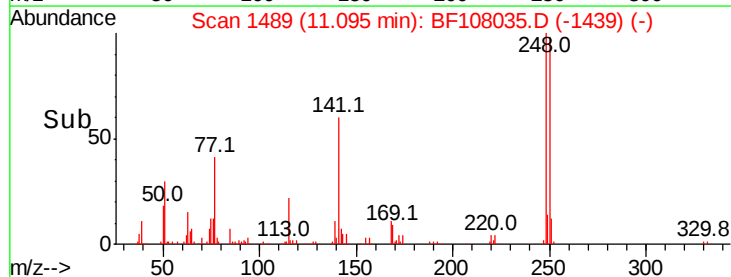
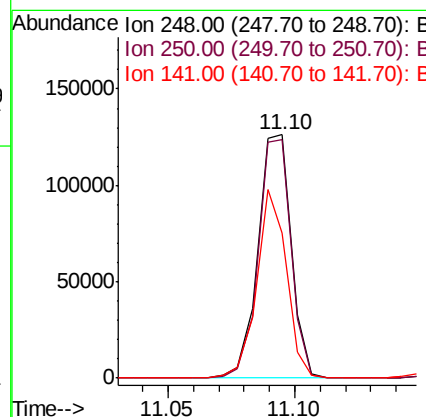
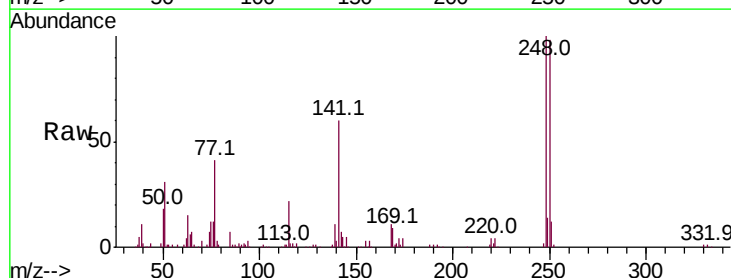
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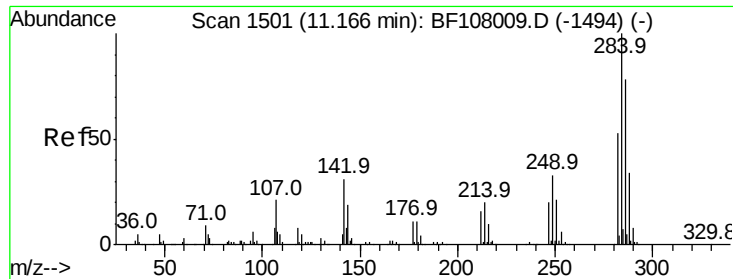
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#66
4-Bromophenyl-phenylether
Concen: 9.025 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	59.7	74.4	111.6	





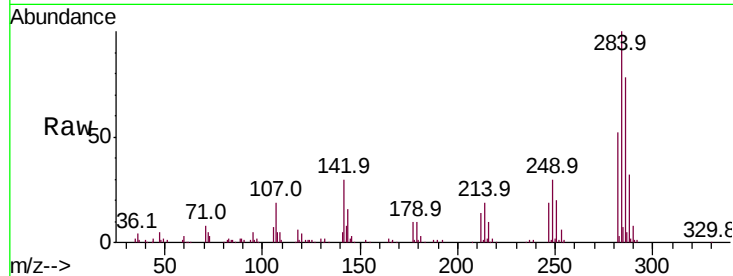
#67
Hexachlorobenzene
Concen: 8.941 ng
RT: 11.16 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

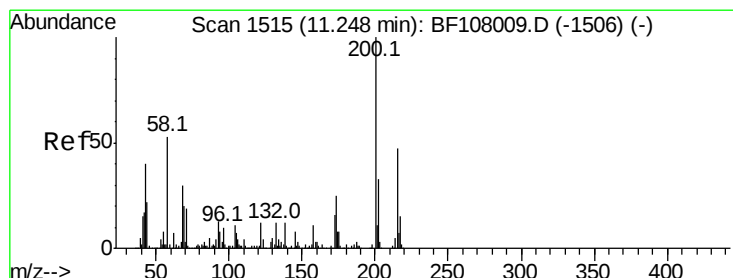
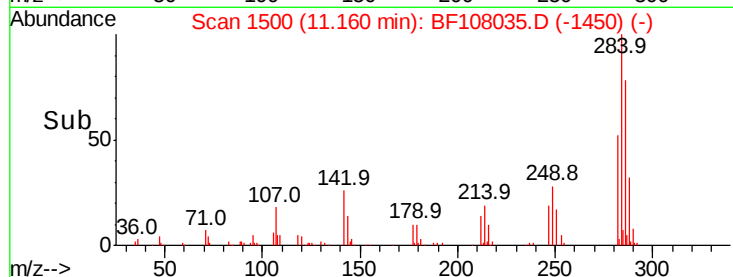
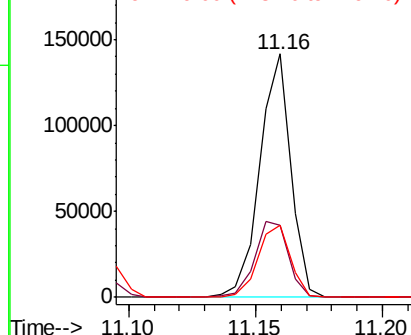
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.5	34.6	52.0	
249	29.8	24.8	37.2	

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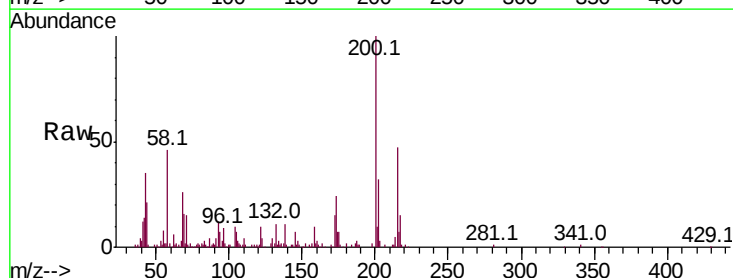


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

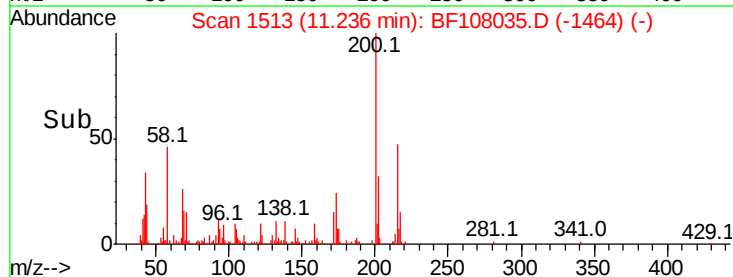
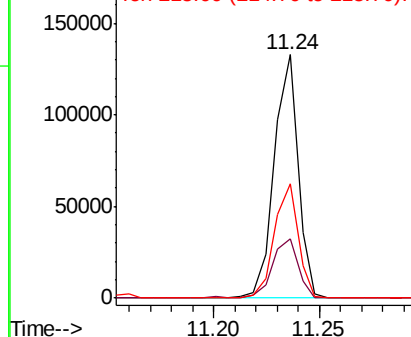


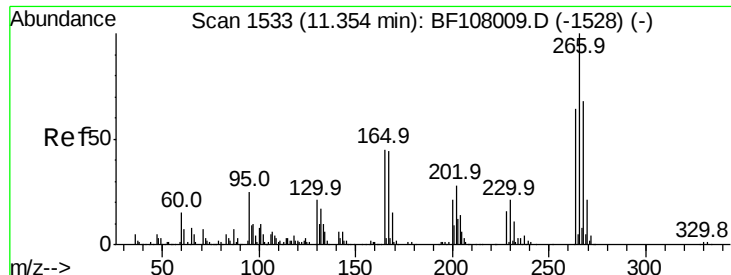
#68
Atrazine
Concen: 8.950 ng
RT: 11.24 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.4	8.6	48.6	
215	46.9	25.1	65.1	



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





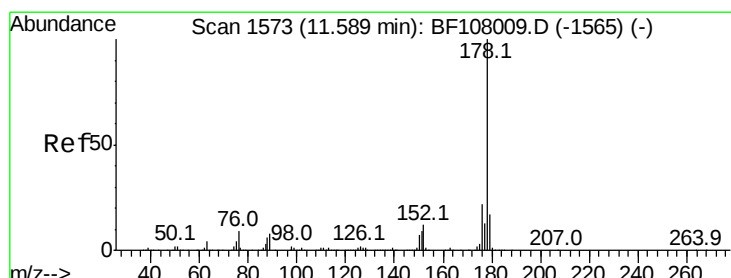
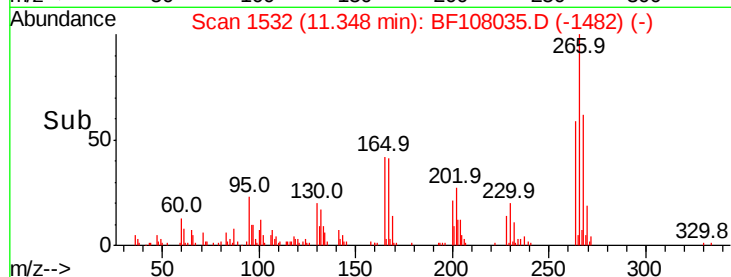
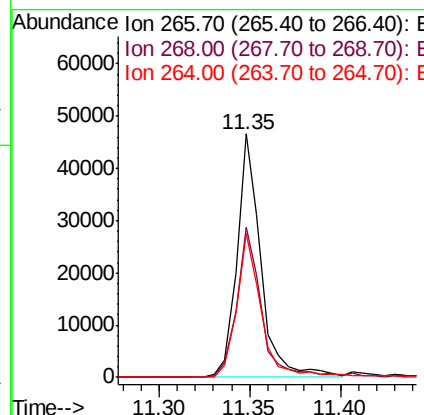
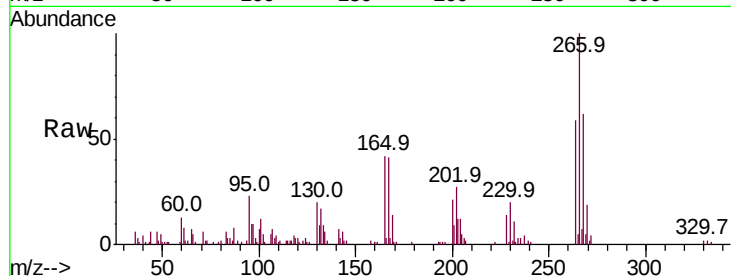
#69
 Pentachlorophenol
 Concen: 6.615 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
266	100	42847		
268	61.5		51.1	76.7
264	58.9		49.5	74.3

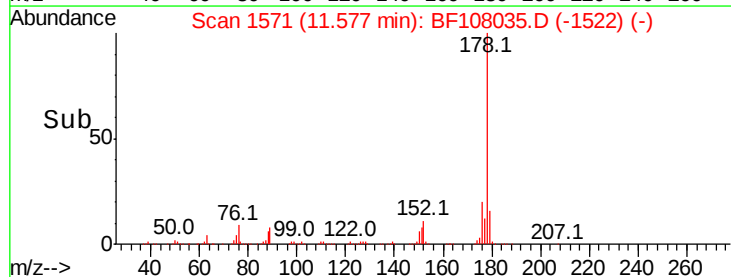
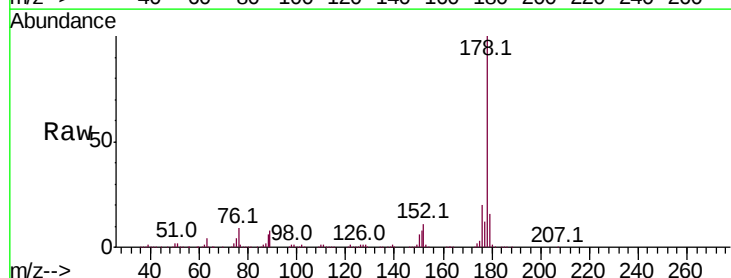
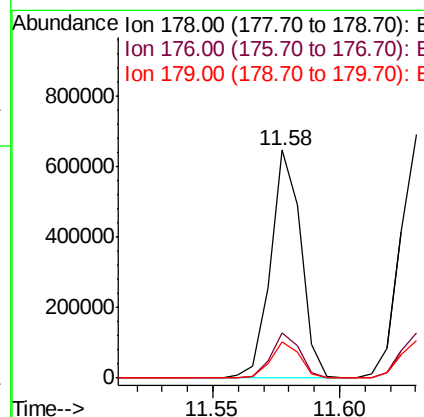
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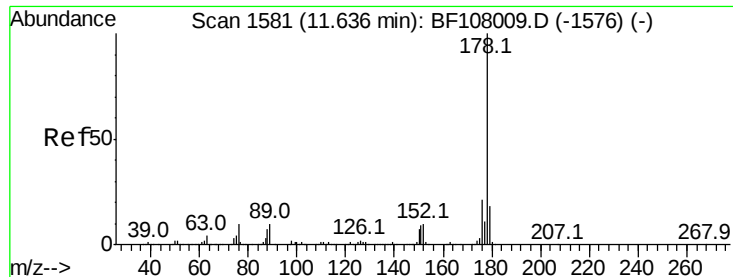
Sohil
 8/9/2018 5:01:41 PM



#70
 Phenanthrene
 Concen: 9.732 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	543249		
176	19.8		15.8	23.8
179	15.8		13.0	19.6





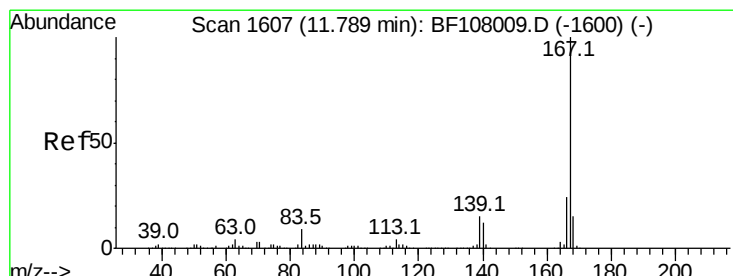
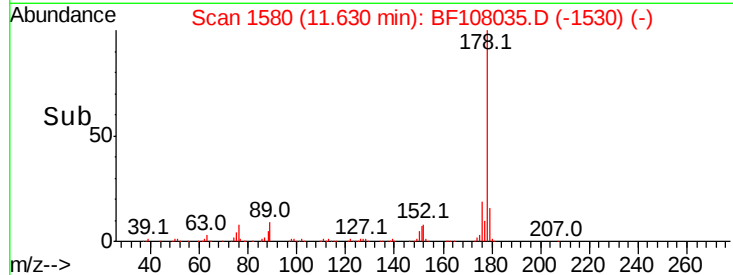
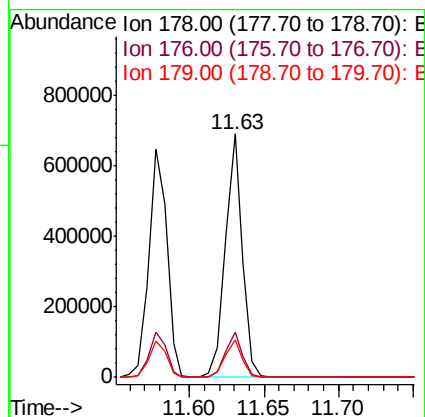
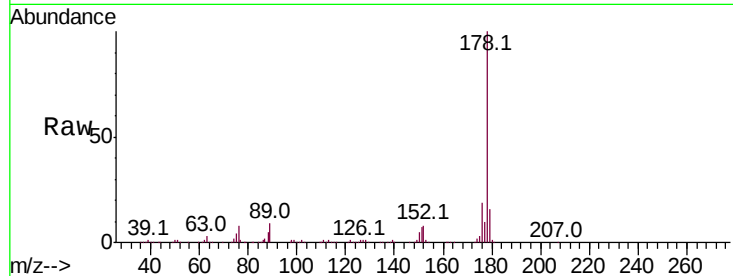
#71
 Anthracene
 Concen: 9.749 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:178	Resp:	557764
Ion Ratio	Lower	Upper
178 100		
176 18.8	15.4	23.2
179 15.5	12.6	19.0

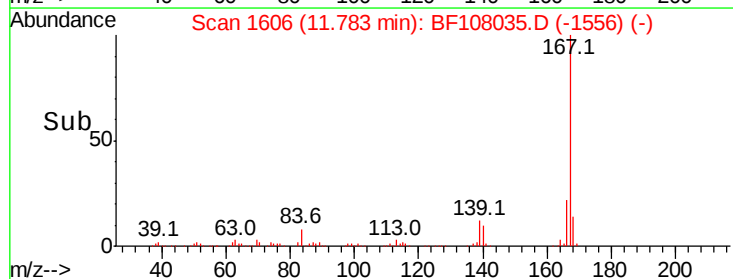
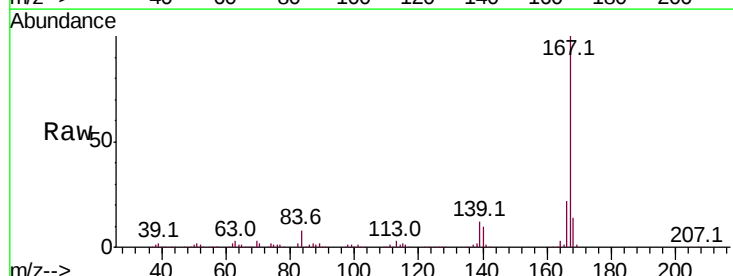
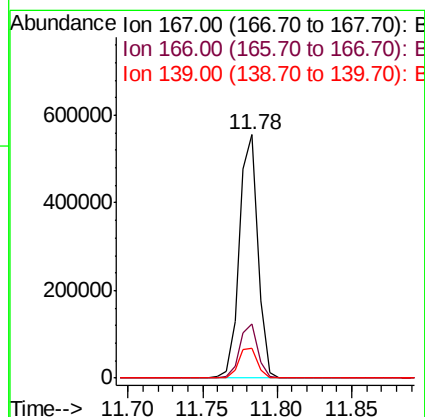
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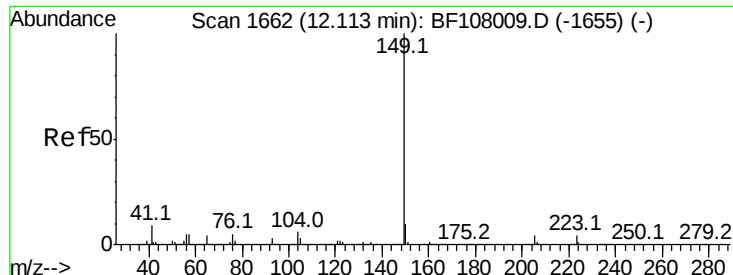
Sohil
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#72
 Carbazole
 Concen: 9.562 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:167	Resp:	486027
Ion Ratio	Lower	Upper
167 100		
166 22.3	17.6	26.4
139 12.5	10.9	16.3





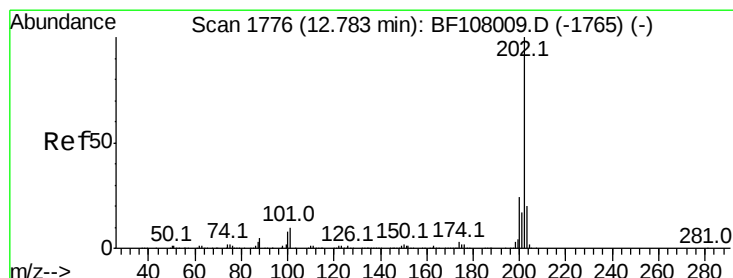
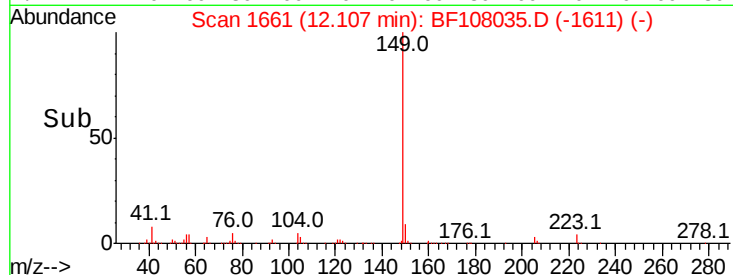
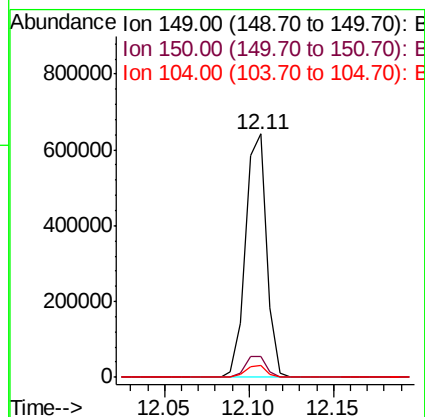
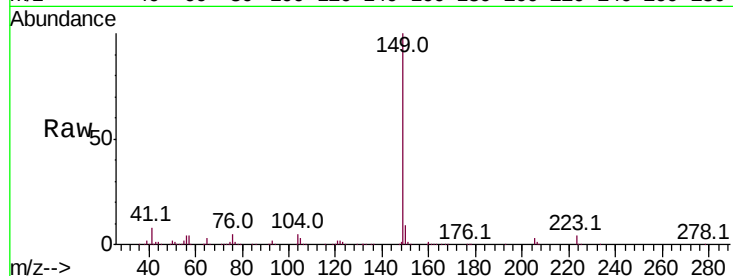
#73
Di-n-butylphthalate
Concen: 9.691 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.8	7.8	11.6	
104	4.9	3.8	5.8	

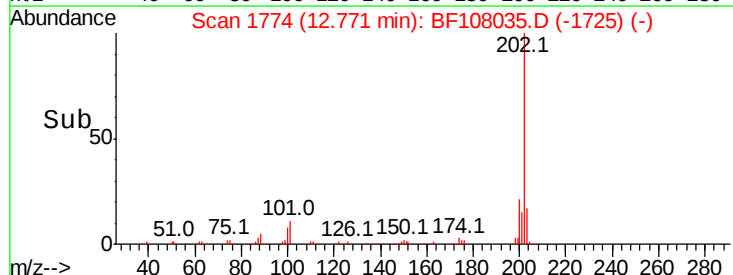
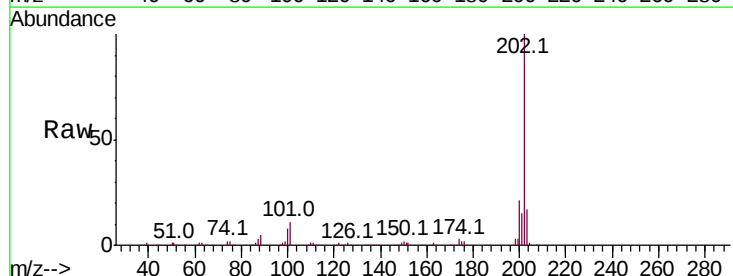
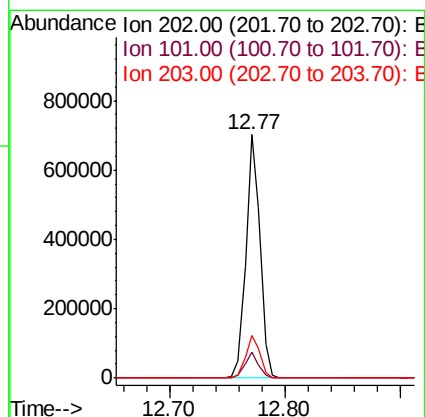
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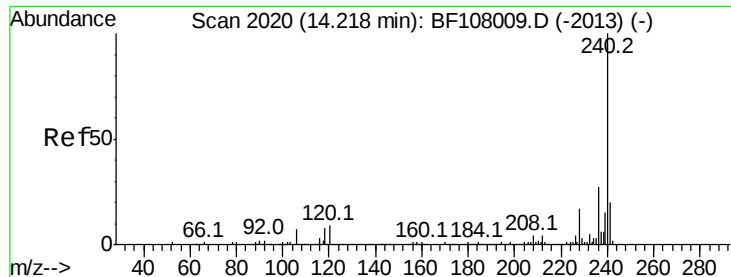
Sohil
8/9/2018 5:01:41 PM



#74
Fluoranthene
Concen: 9.779 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.6	0.0	34.1	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:240 Resp: 1030663

Ion Ratio Lower Upper

240 100

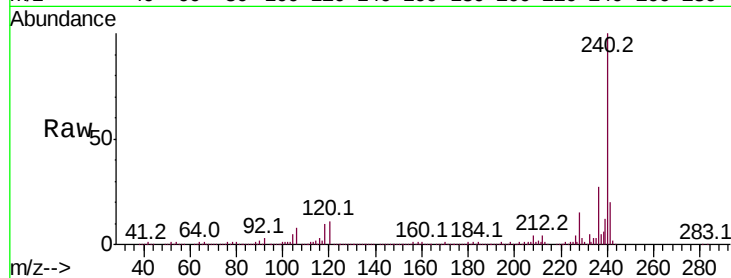
120 11.2 9.5 14.3

236 26.5 20.7 31.1

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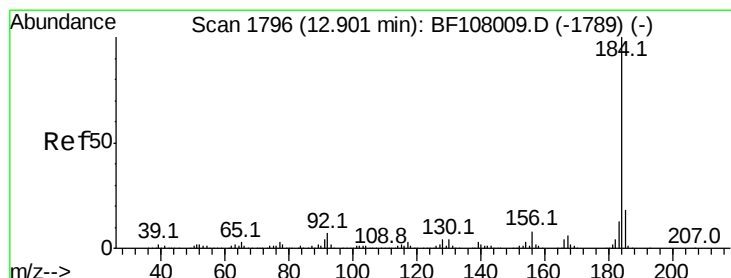
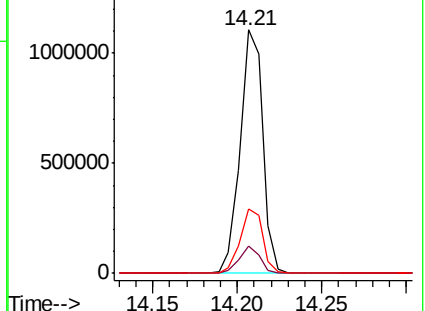
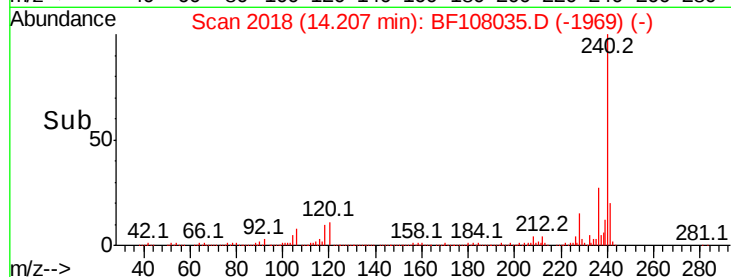
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.216 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

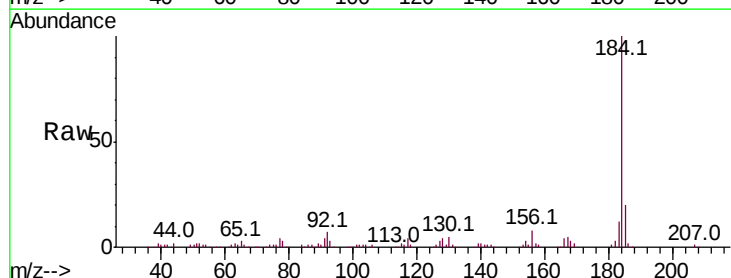
Tgt Ion:184 Resp: 123848

Ion Ratio Lower Upper

184 100

185 19.6 12.6 18.8#

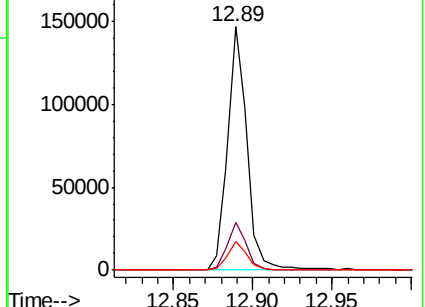
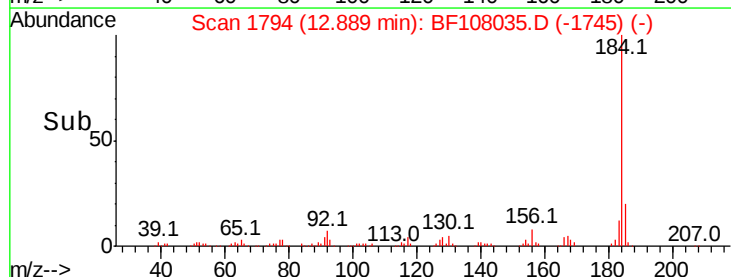
183 12.0 9.3 13.9

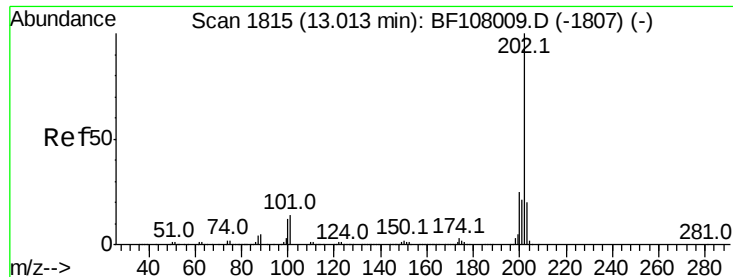


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.178 ng

RT: 13.01 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

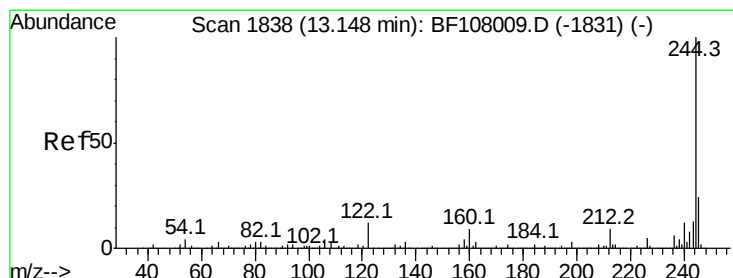
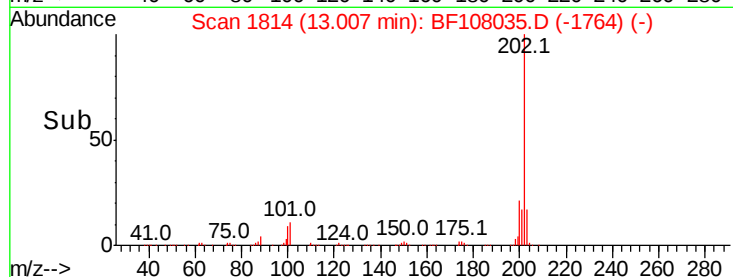
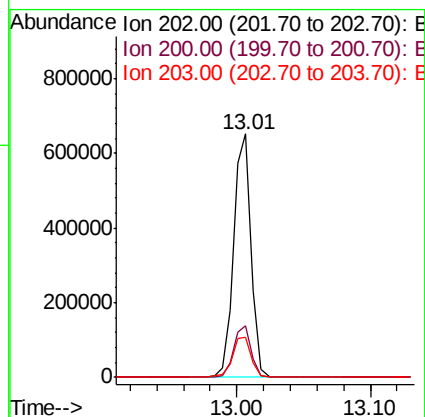
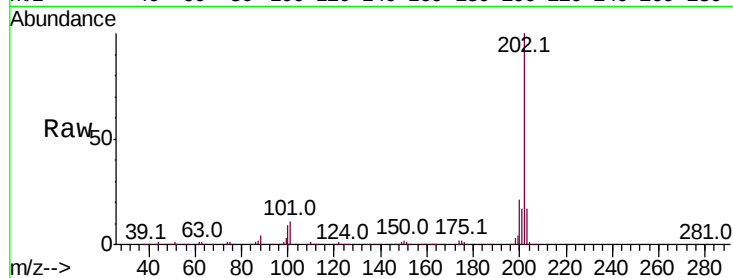
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	202	Resp:	598903
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	16.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 77.399 ng

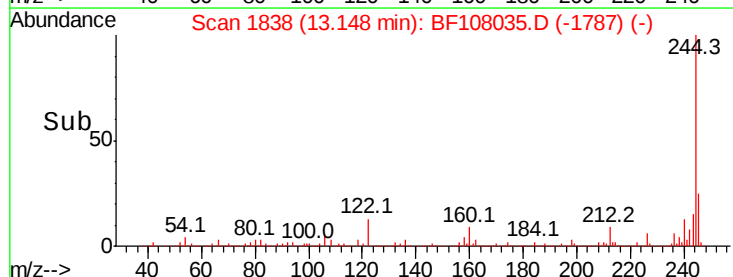
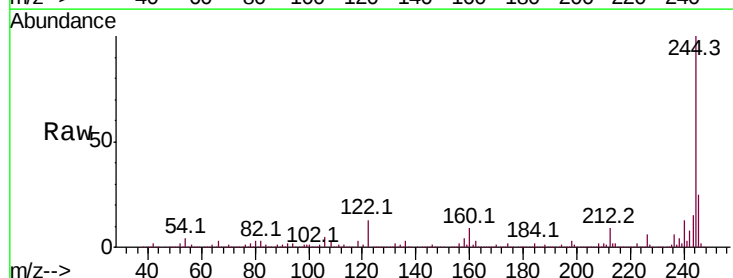
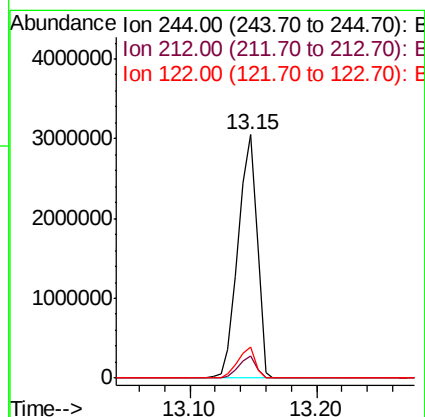
RT: 13.15 min Scan# 1838

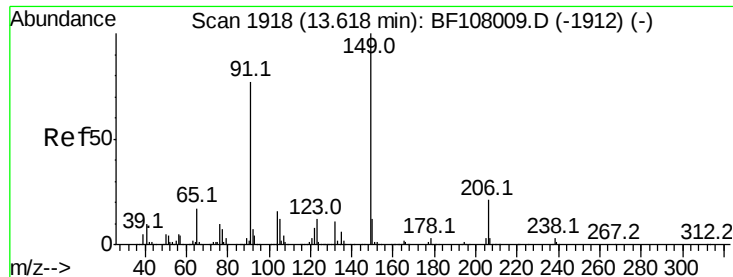
Delta R.T. 0.00 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	244	Resp:	3137471
Ion Ratio	Lower	Upper	
244	100		
212	9.1	5.4	8.0#
122	12.7	11.0	16.4





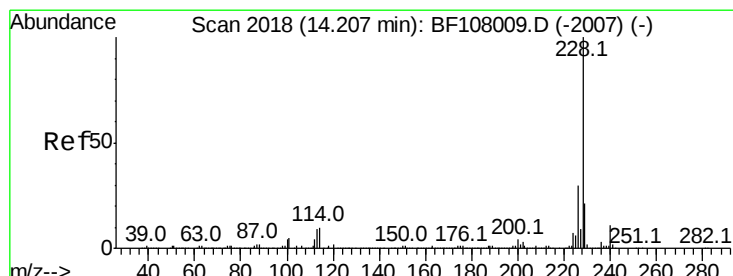
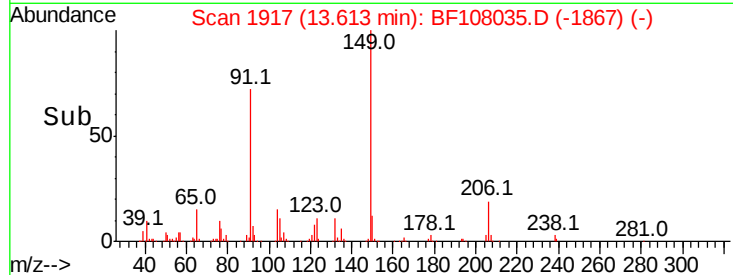
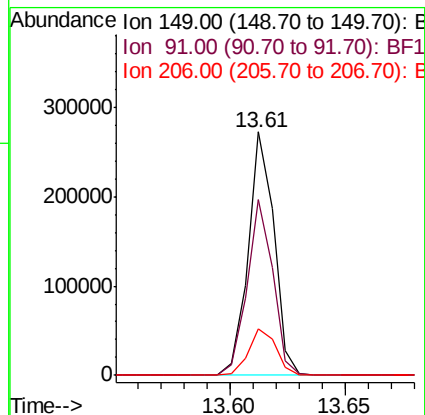
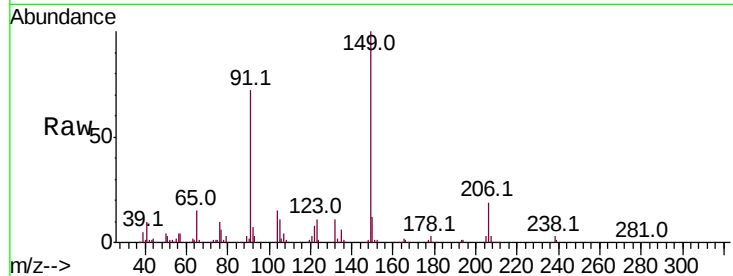
#79
 Butylbenzylphthalate
 Concen: 8.231 ng
 RT: 13.61 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2018

Tot Ion:	149	Resp:	213274
Ion Ratio	Lower	Upper	
149	100		
91	72.2	56.8	85.2
206	18.8	14.1	21.1

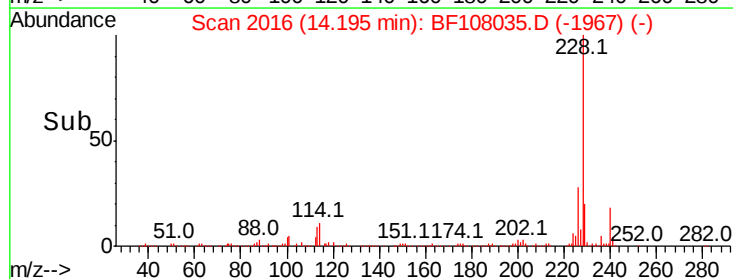
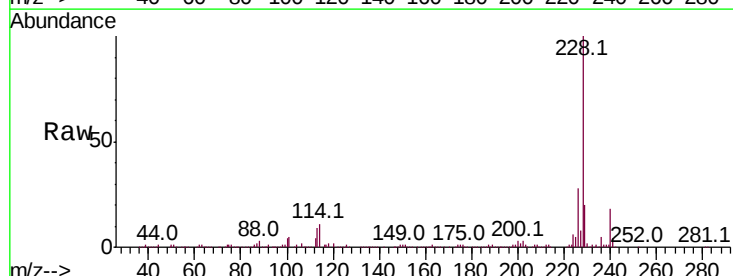
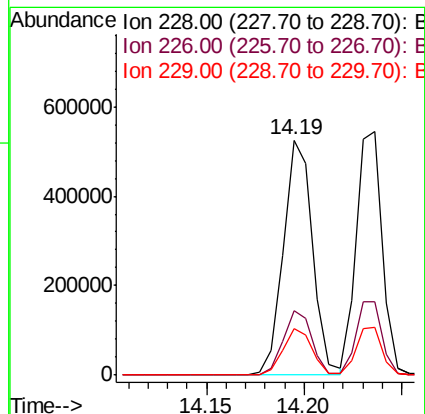
Manual Integrations
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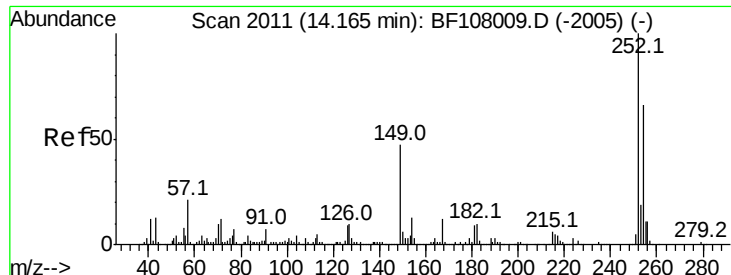
Sohil
 8/9/2018 5:01:41 PM



#80
 Benzo(a)anthracene
 Concen: 9.153 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion:	228	Resp:	541374
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6





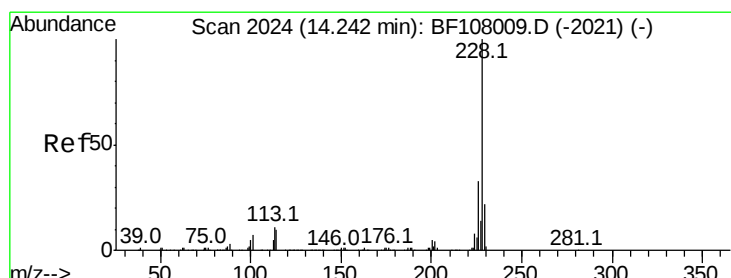
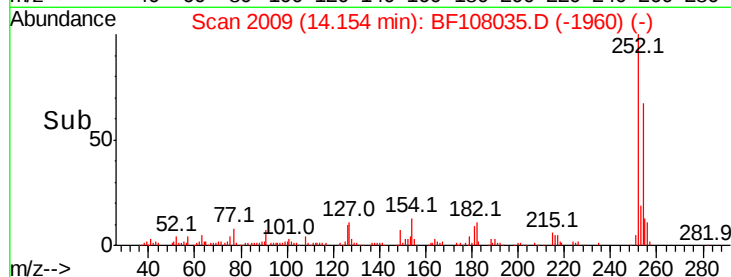
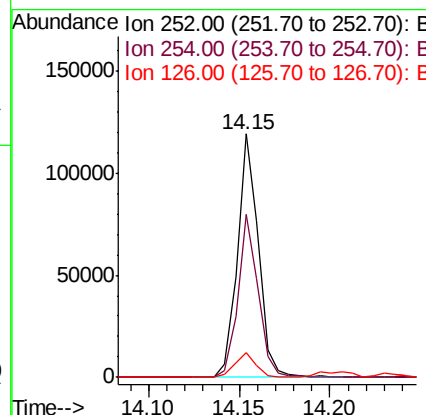
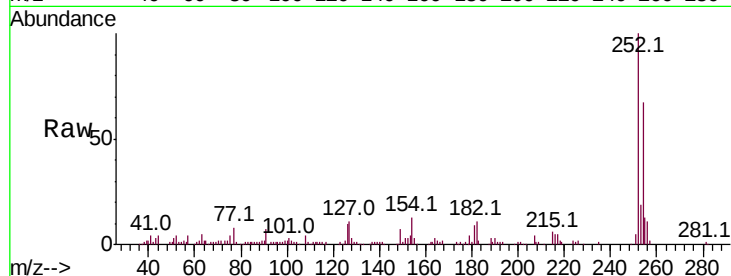
#81
 3,3'-Dichlorobenzidine
 Concen: 4.536 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.4	75.6
126	10.2	11.3	16.9

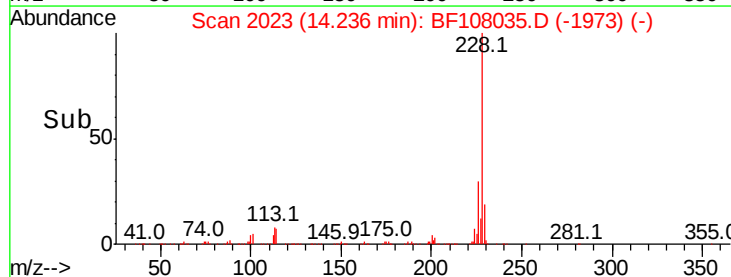
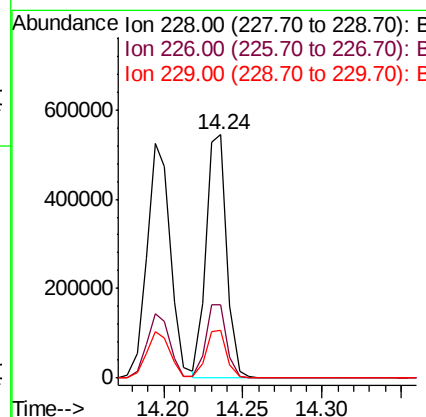
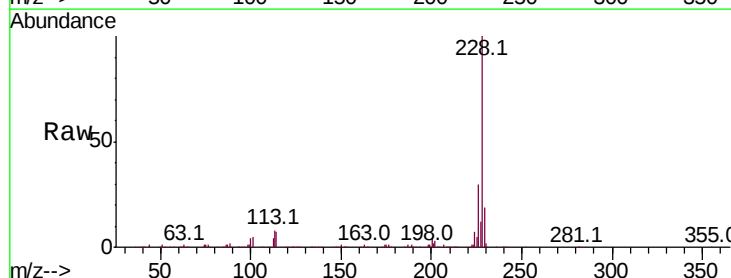
Manual Integrations
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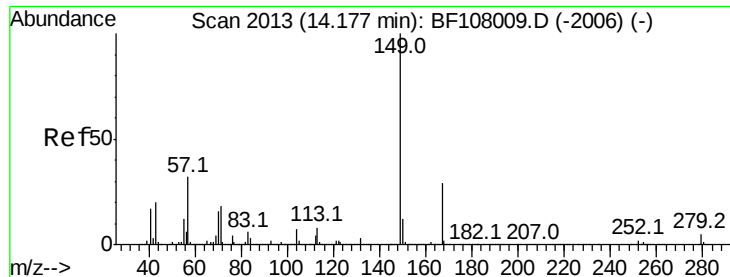
Sohil
 8/9/2018 5:01:41 PM



#82
 Chrysene
 Concen: 9.295 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.694 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:149 Resp: 305048

Ion Ratio Lower Upper

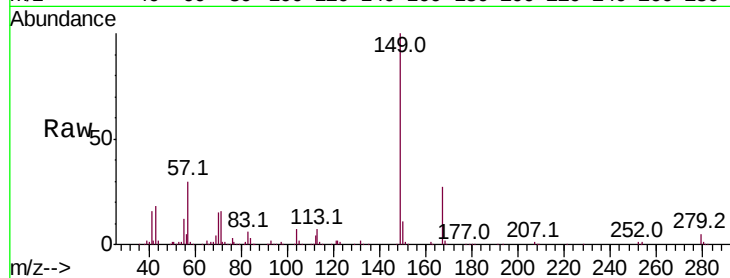
149 100

167 26.5 21.3 31.9

279 4.7 3.0 4.4#

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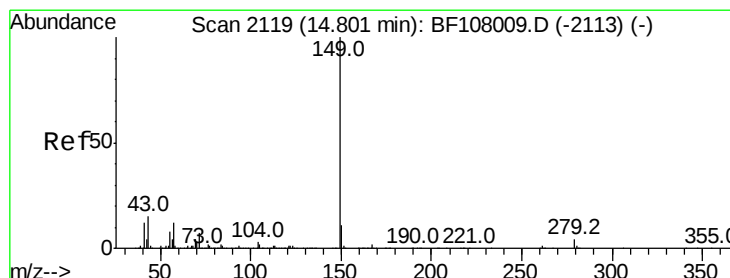
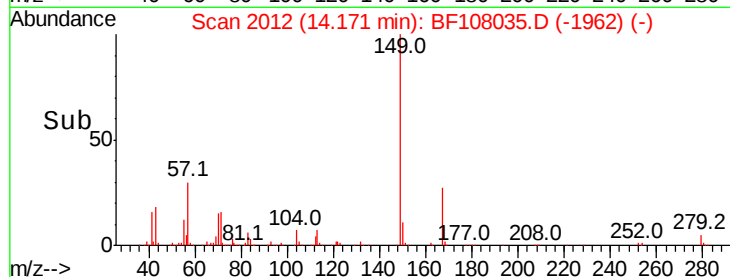
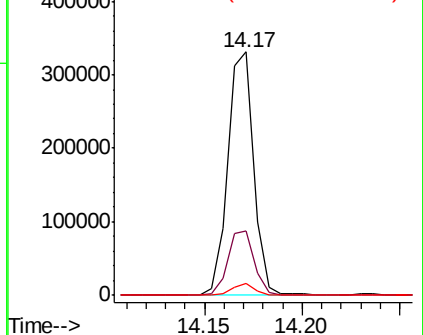
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.432 ng

RT: 14.79 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

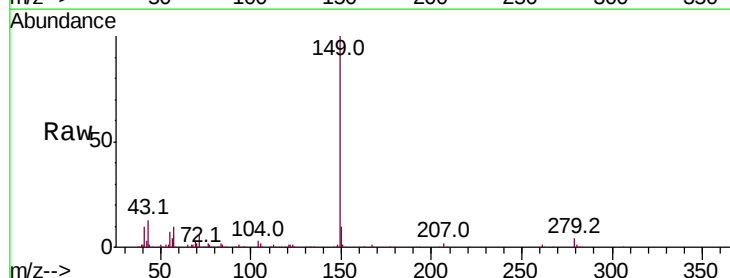
Tgt Ion:149 Resp: 451233

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

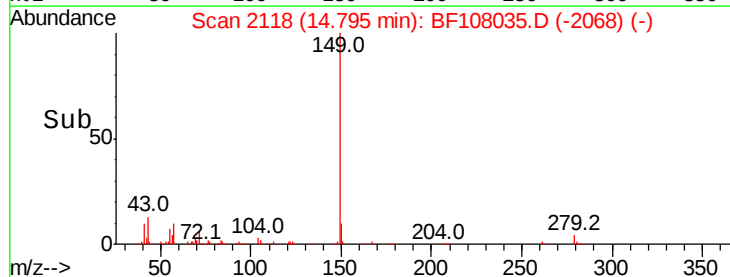
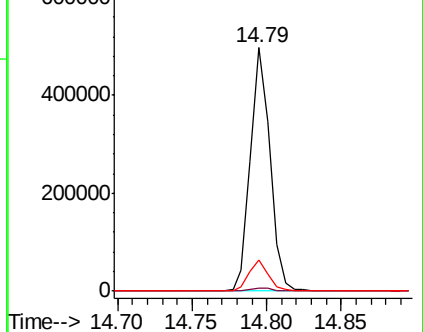
43 12.9 8.4 12.6#

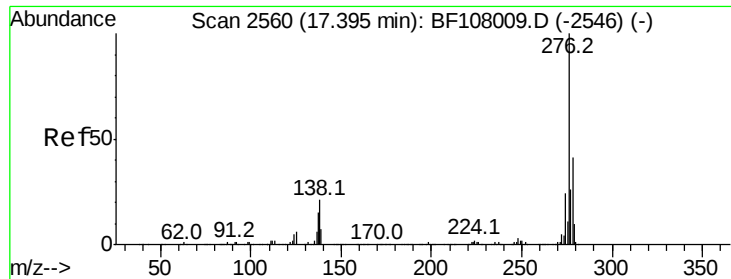


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.922 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Instrument :

BNA_F

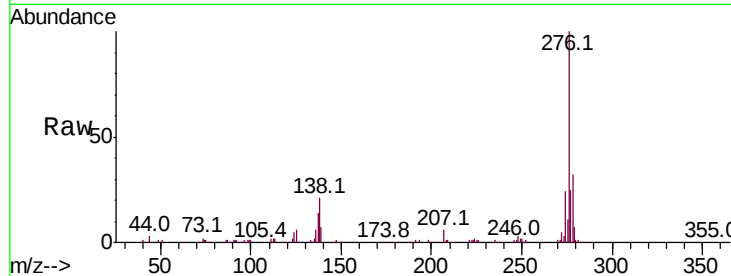
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	276	Resp:	372238
Ion Ratio	Lower	Upper	
276	100		
138	23.1	25.0	37.6#
277	25.2	20.1	30.1

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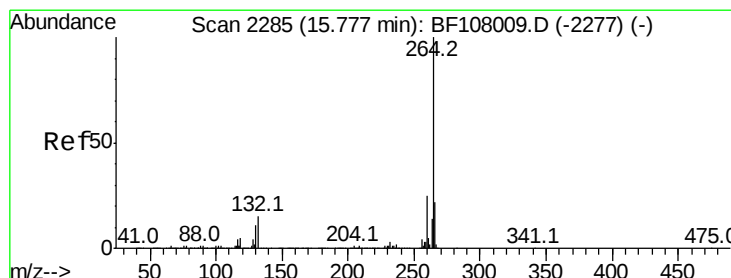
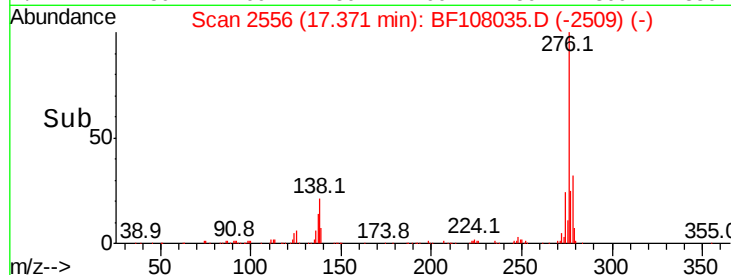
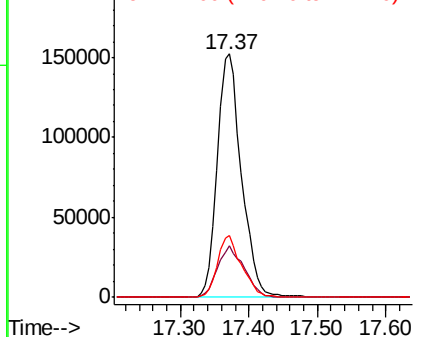


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

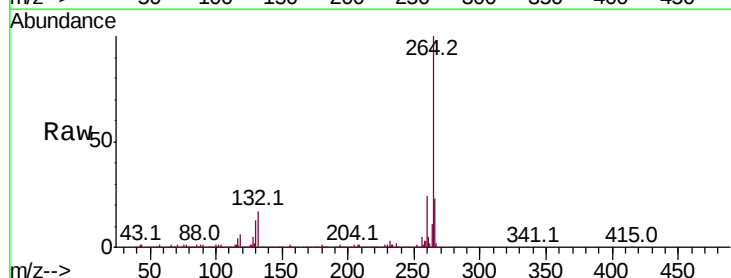
RT: 15.77 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF108035.D

Acq: 8 Aug 2018 22:27

Tgt Ion:	264	Resp:	882494
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3

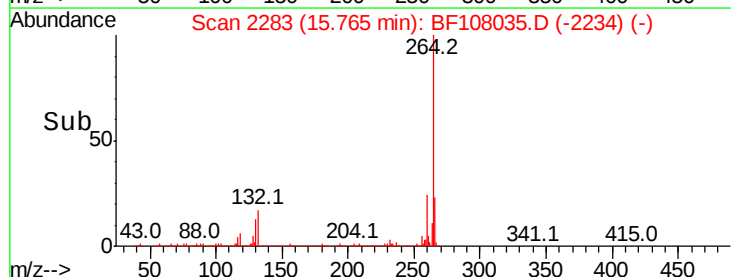
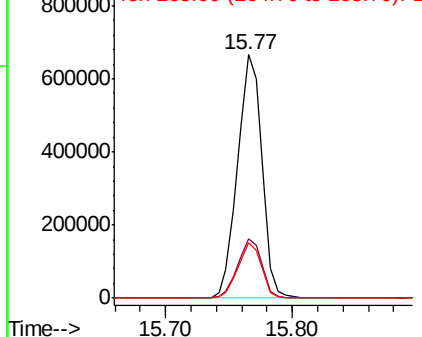


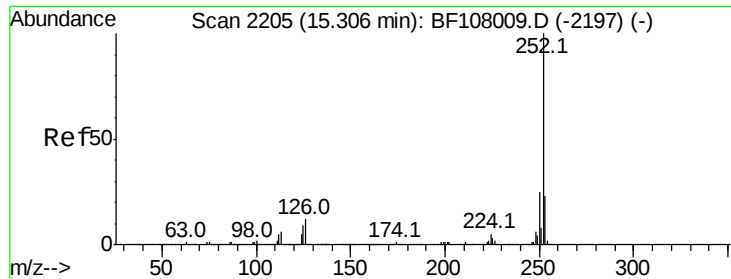
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





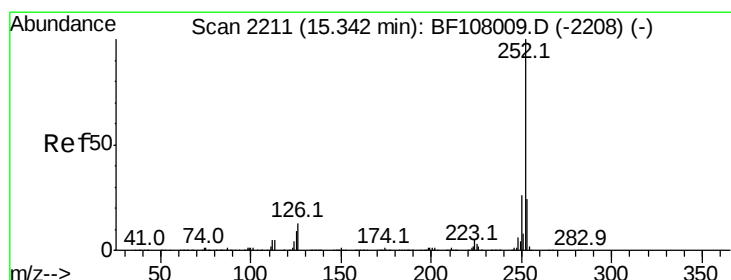
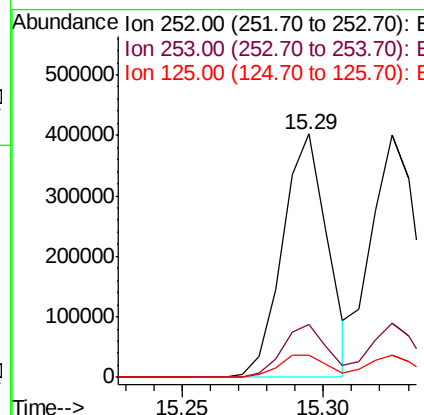
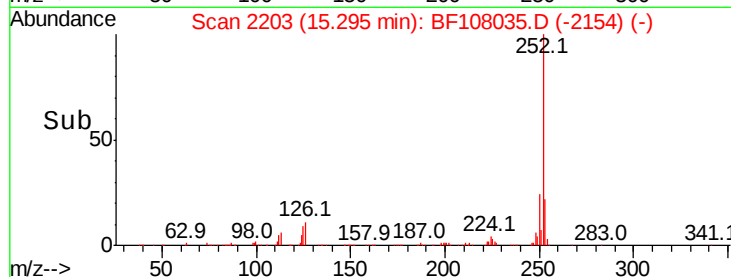
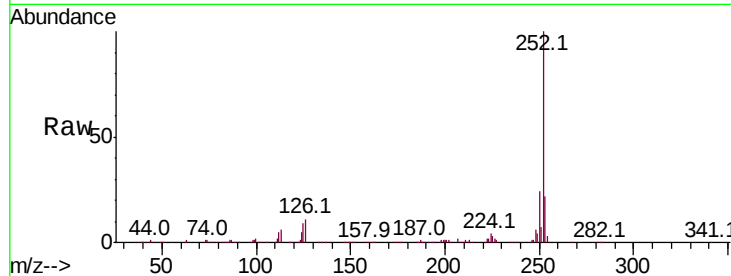
#87
Benzo(b)fluoranthene
Concen: 8.433 ng
RT: 15.29 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.1	9.0	13.6

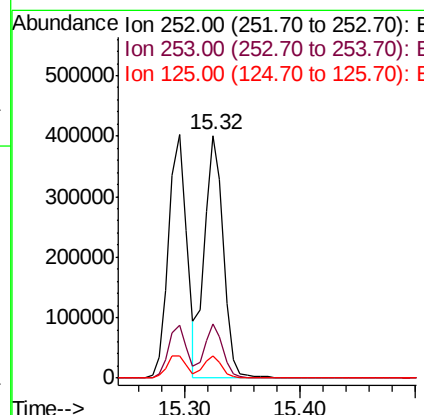
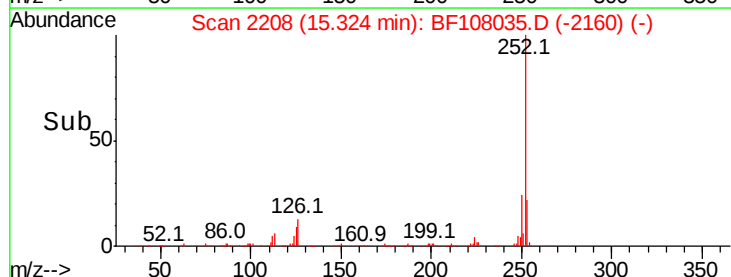
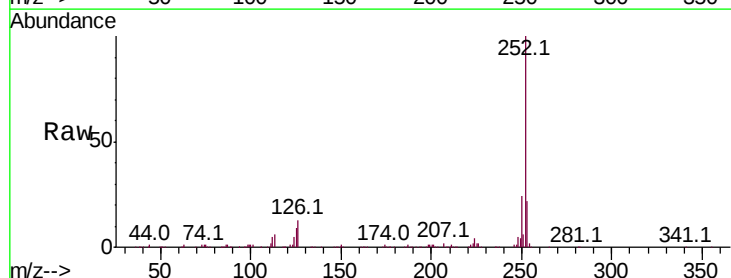
Manual Integrations
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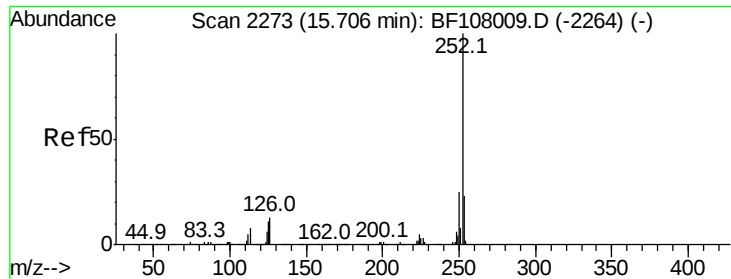
Sohil
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#88
Benzo(k)fluoranthene
Concen: 9.471 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.4	10.2	15.2#





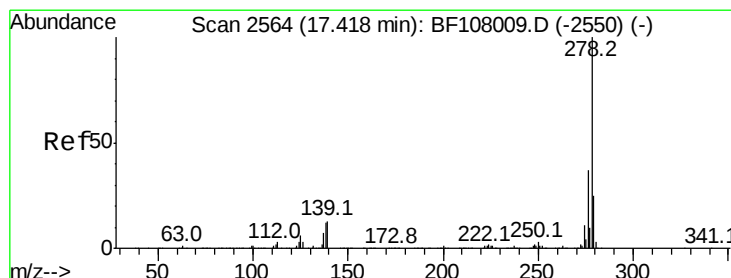
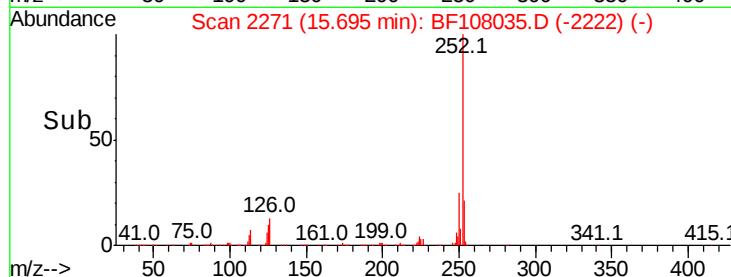
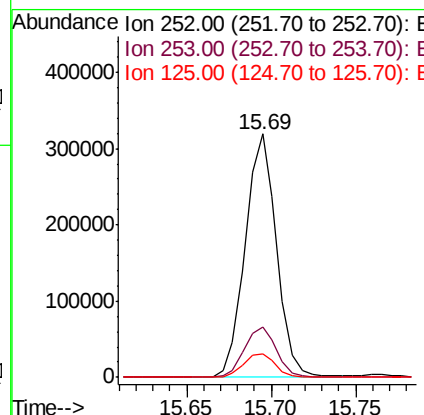
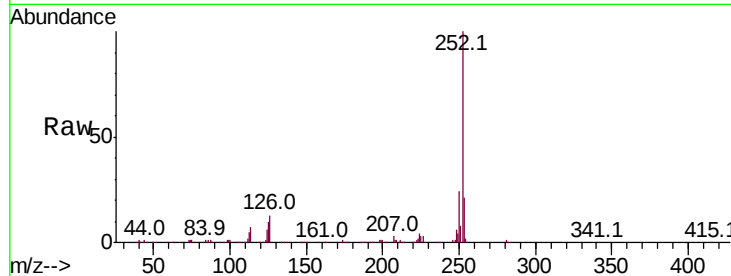
#89
Benzo(a)pyrene
Concen: 8.737 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	9.7	9.8	14.6

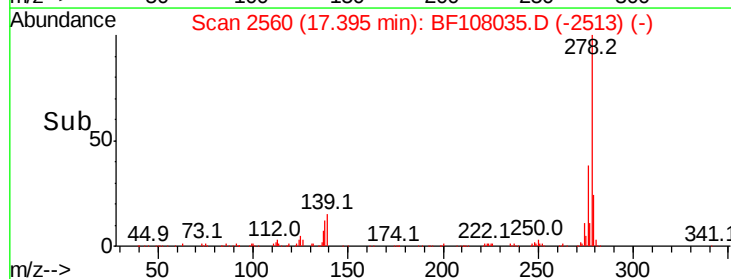
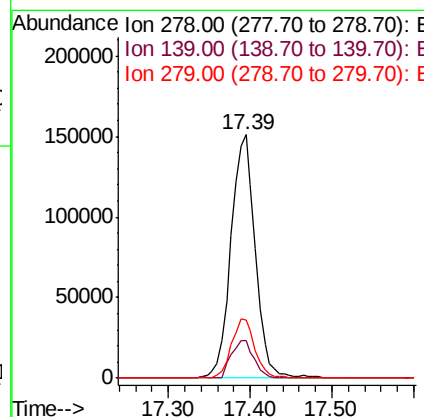
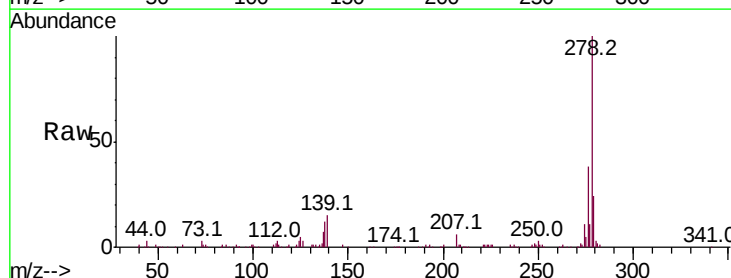
Manual Integrations
APPROVED

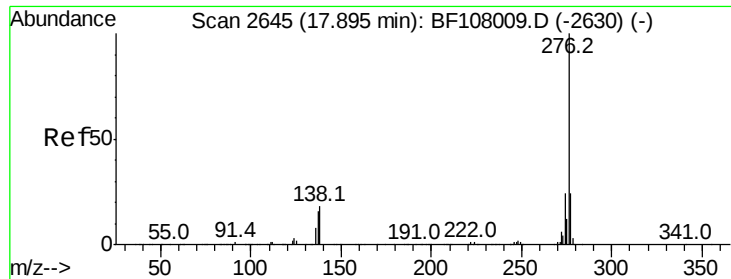
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#90
Dibenzo(a,h)anthracene
Concen: 8.020 ng
RT: 17.39 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF108035.D
Acq: 8 Aug 2018 22:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 7.783 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.04 min
 Lab File: BF108035.D
 Acq: 8 Aug 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	17.9	26.9
138	20.3	21.8	32.8#

Manual Integrations
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