

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108034.D
 Acq On : 8 Aug 2018 21:59
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:39 PM

Quant Time: Aug 09 08:12:07 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	283750	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1133664	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	605558	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1246035	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1110957	20.00	ng	-0.01
86) Perylene-d12	15.77	264	960819	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1987783	126.83	ng	0.00
7) Phenol-d6	6.63	99	2624208	126.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1719666	84.65	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	837267	138.61	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3075551	81.54	ng	0.00
78) Terphenyl-d14	13.15	244	3643345	83.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	38605	4.794	ng	# 85
3) Pyridine	3.74	79	104044	5.015	ng	# 79
4) n-Nitrosodimethylamine	3.64	42	55046	4.716	ng	# 78
6) Aniline	6.68	93	94189	3.325	ng	96
8) 2-Chlorophenol	6.80	128	92347	5.232	ng	88
9) Benzaldehyde	6.57	77	75319	4.664	ng	94
10) Phenol	6.64	94	108356	5.030	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	92877	5.333	ng	95
12) 1,3-Dichlorobenzene	6.95	146	110600	5.419	ng	97
13) 1,4-Dichlorobenzene	7.03	146	111965	5.460	ng	97
14) 1,2-Dichlorobenzene	7.18	146	100560	5.272	ng	98
15) Benzyl Alcohol	7.14	79	68029	3.880	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	188508	5.254	ng	94
17) 2-Methylphenol	7.24	107	77770	5.138	ng	95
18) Hexachloroethane	7.52	117	36584	5.011	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	72199	5.126	ng	# 82
20) 3+4-Methylphenols	7.40	107	103041	5.312	ng	91
22) Acetophenone	7.41	105	141362	5.333	ng	94
24) Nitrobenzene	7.59	77	110001	5.354	ng	94
25) Isophorone	7.82	82	194066	5.012	ng	95
26) 2-Nitrophenol	7.91	139	30319	3.908	ng	90
27) 2,4-Dimethylphenol	7.93	122	89873	5.229	ng	98
28) bis(2-Chloroethoxy)methane	8.03	93	120765	5.342	ng	99
29) 2,4-Dichlorophenol	8.14	162	79463	5.024	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	90499	5.190	ng	96
31) Naphthalene	8.32	128	289071	5.607	ng	98
32) Benzoic acid	7.97	122	24632m	8.137	ng	
33) 4-Chloroaniline	8.36	127	78393	3.489	ng	98
34) Hexachlorobutadiene	8.43	225	56577	5.125	ng	97
35) Caprolactam	8.69	113	23911	4.824	ng	# 73
36) 4-Chloro-3-methylphenol	8.82	107	85097	4.987	ng	98
37) 2-Methylnaphthalene	9.01	142	200163	5.487	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	100741	5.417	ng	96
40) Hexachlorocyclopentadiene	9.16	237	54200	4.512	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	53111	4.602	nq	96
43) 2,4,5-Trichlorophenol	9.32	196	65929m	5.190	nq	
45) 1,1'-Biphenyl	9.47	154	251860	5.641	nq	97
46) 2-Chloronaphthalene	9.50	162	192579	5.457	nq	96
47) 2-Nitroaniline	9.59	65	55146	4.830	nq	89
48) Acenaphthylene	9.92	152	316415	5.672	nq	99
49) Dimethylphthalate	9.77	163	229630	5.444	nq	99
50) 2,6-Dinitrotoluene	9.83	165	46534	5.273	nq	97
51) Acenaphthene	10.09	154	187911	5.499	nq	98
52) 3-Nitroaniline	10.00	138	44661	4.625	nq	99
53) 2,4-Dinitrophenol	10.10	184	7098	8.981	nq #	1
54) Dibenzofuran	10.27	168	282493	5.706	nq	99
55) 4-Nitrophenol	10.14	139	30340	4.149	nq #	75
56) 2,4-Dinitrotoluene	10.23	165	54060	4.759	nq #	86
57) Fluorene	10.61	166	222409	5.675	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	50418	4.749	nq	88
59) Diethylphthalate	10.47	149	226020	5.533	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	114304	5.598	nq #	87
61) 4-Nitroaniline	10.61	138	46385	4.859	nq	96
62) Azobenzene	10.76	77	232776	5.518	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13591	7.940	nq	86
65) n-Nitrosodiphenylamine	10.71	169	202151	5.490	nq	95
66) 4-Bromophenyl-phenylether	11.09	248	70782	5.227	nq	94
67) Hexachlorobenzene	11.16	284	74988	5.263	nq #	86
68) Atrazine	11.23	200	62999	5.101	nq	98
69) Pentachlorophenol	11.35	266	23967	3.515	nq	100
70) Phenanthrene	11.58	178	346498	5.896	nq	98
71) Anthracene	11.63	178	351414	5.834	nq	99
72) Carbazole	11.78	167	309523	5.784	nq	97
73) Di-n-butylphthalate	12.11	149	345962	5.707	nq	98
74) Fluoranthene	12.77	202	381566	5.949	nq	94
76) Benzidine	12.89	184	66169	1.594	nq #	93
77) Pyrene	13.01	202	381913	5.430	nq	99
79) Butylbenzylphthalate	13.61	149	125721	4.501	nq	95
80) Benzo(a)anthracene	14.19	228	345471	5.419	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	65689	2.875	nq #	97
82) Chrysene	14.23	228	318875	5.455	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	187109	4.947	nq	99
84) Di-n-octyl phthalate	14.79	149	274810	4.764	nq	96
85) Indeno(1,2,3-cd)pyrene	17.37	276	237646	4.692	nq #	92
87) Benzo(b)fluoranthene	15.29	252	283046	4.930	nq #	97
88) Benzo(k)fluoranthene	15.32	252	294687	5.584	nq #	96
89) Benzo(a)pyrene	15.69	252	254998	4.960	nq #	96
90) Dibenzo(a,h)anthracene	17.39	278	202366	4.757	nq #	94
91) Benzo(g,h,i)perylene	17.86	276	196396	4.689	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.01 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

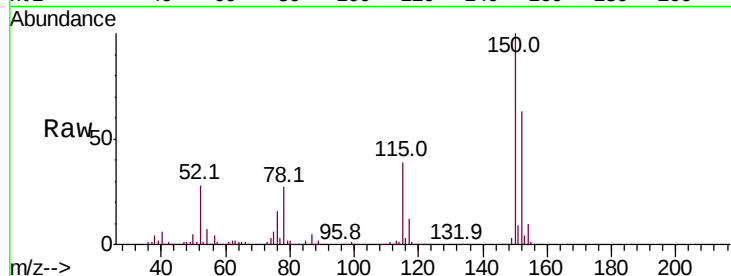
ClientSampleId :

MDL-WATER-03-QT3-2018

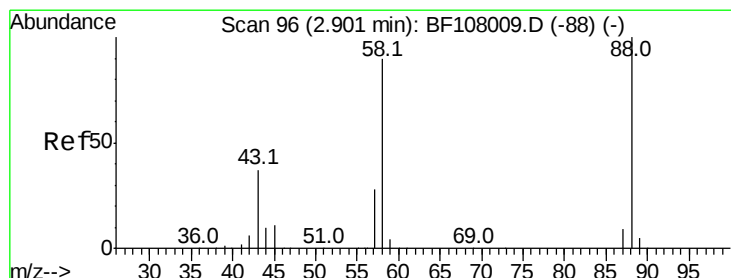
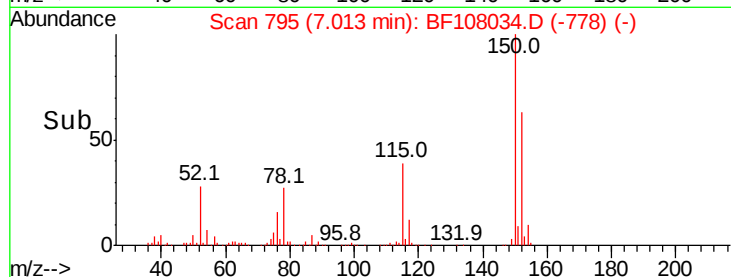
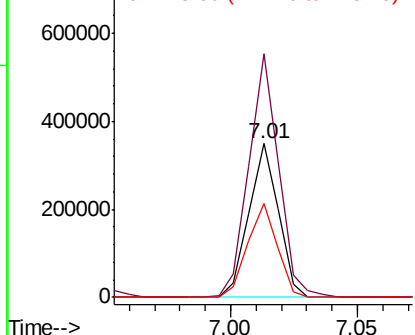
Tot Ion:	152	Resp:	283750
Ion Ratio	Lower	Upper	
152	100		
150	158.6	124.6	186.8
115	61.3	50.1	75.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.794 ng

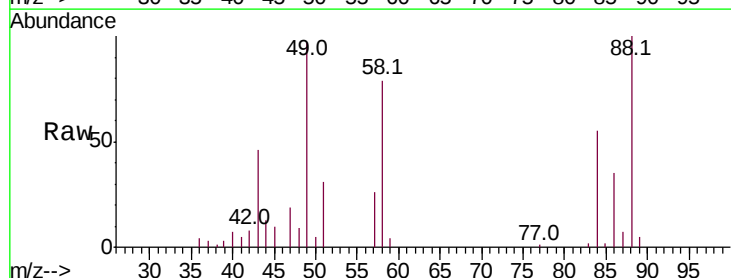
RT: 2.92 min Scan# 100

Delta R.T. 0.02 min

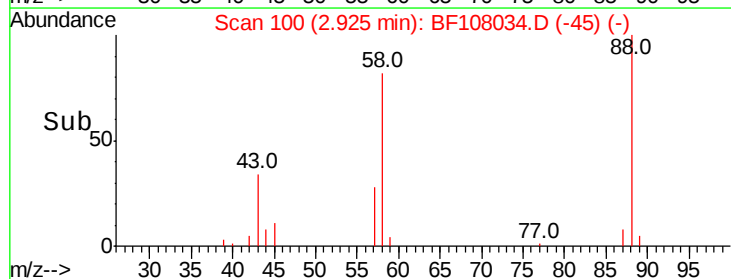
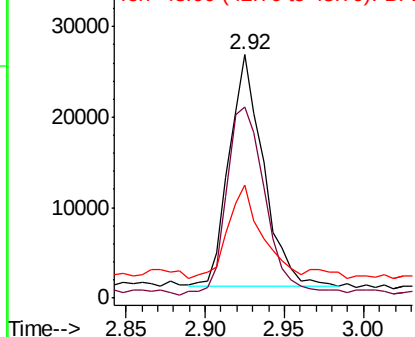
Lab File: BF108034.D

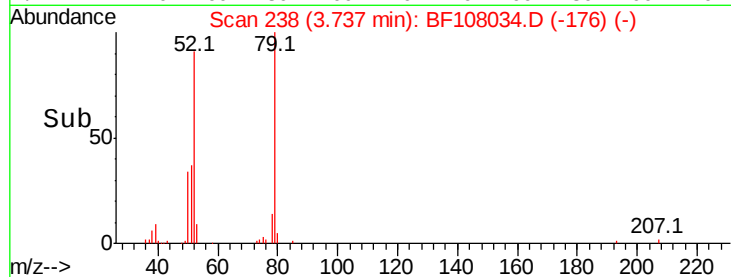
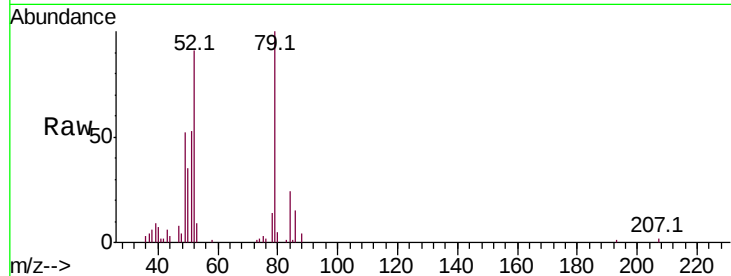
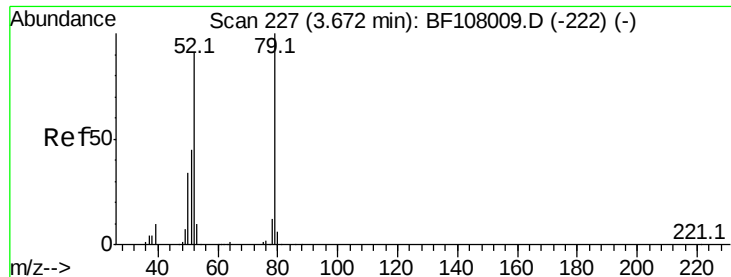
Acq: 8 Aug 2018 21:59

Tgt Ion:	88	Resp:	38605
Ion Ratio	Lower	Upper	
88	100		
58	91.1	62.6	93.8
43	39.1	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 5.015 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF108034.D

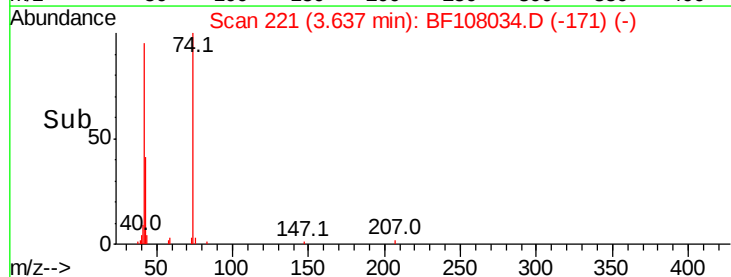
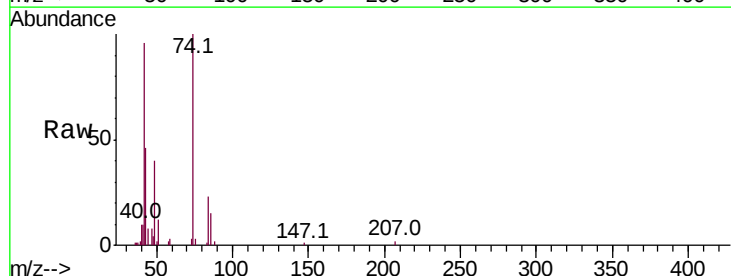
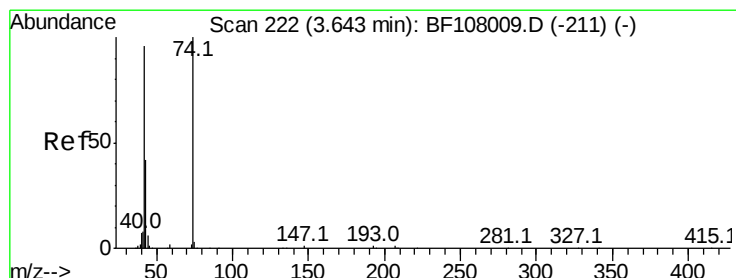
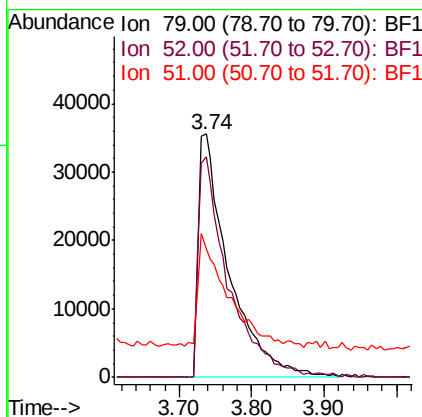
Acq: 8 Aug 2018 21:59

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	90.7	59.8	89.6#	
51	52.7	29.8	44.8#	

Instrument :
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MDL-WATER-03-QT3-2018

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#4

n-Nitrosodimethylamine

Concen: 4.716 ng

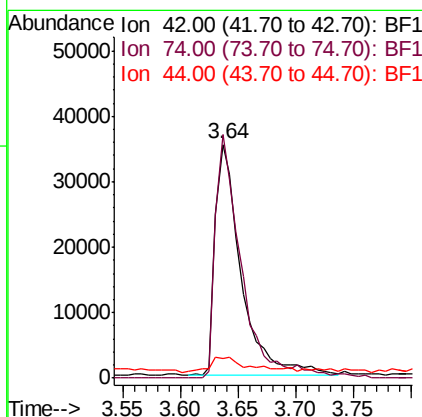
RT: 3.64 min Scan# 221

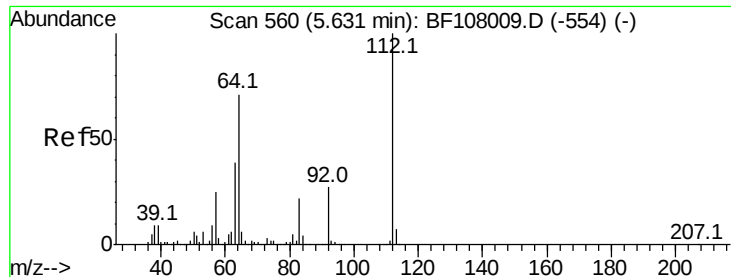
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	104.1	104.9	157.3#	
44	8.1	6.9	10.3	





#5

2-Fluorophenol

Concen: 126.830 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:112 Resp: 1987783

Ion Ratio Lower Upper

112 100

64 74.6 47.9 71.9#

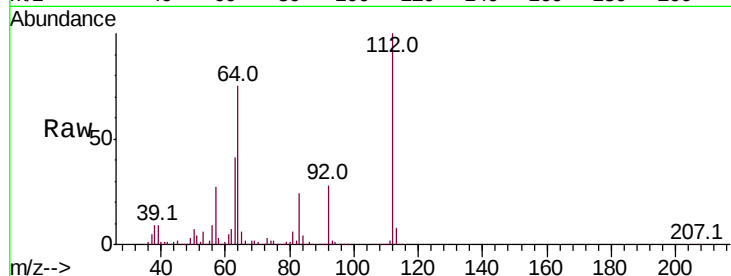
63 40.9 23.7 35.5#

Manual Integrations

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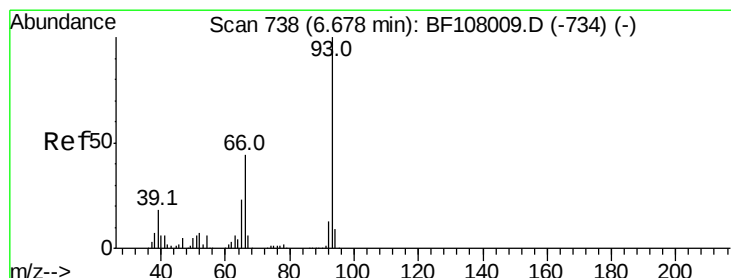
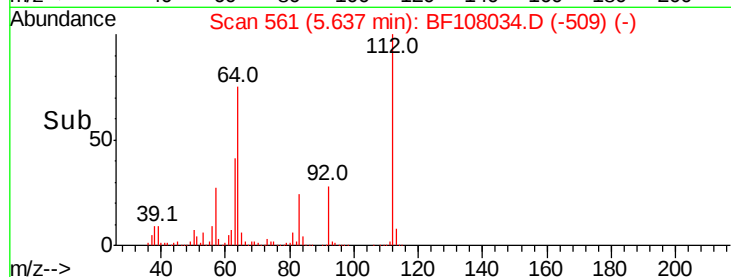
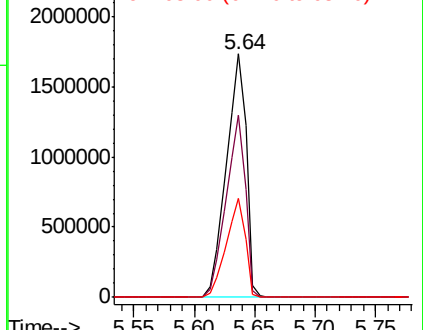
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.325 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

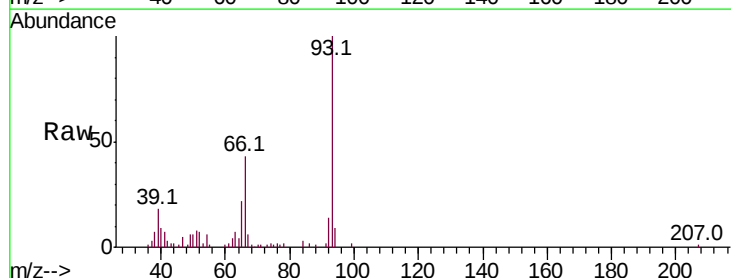
Tgt Ion: 93 Resp: 94189

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

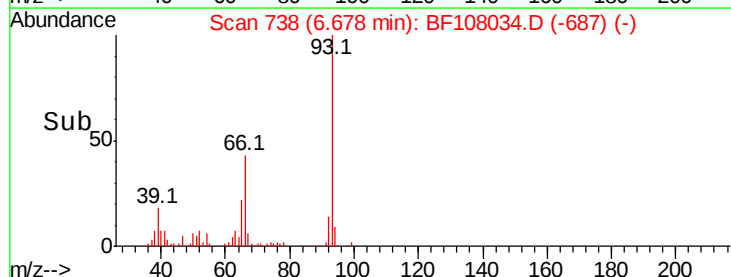
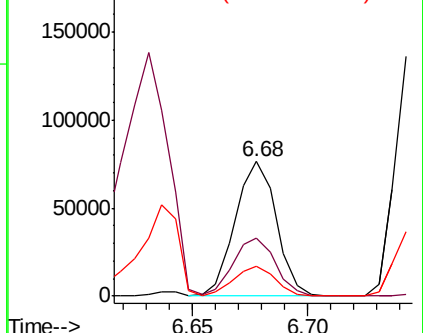
65 22.1 16.4 24.6

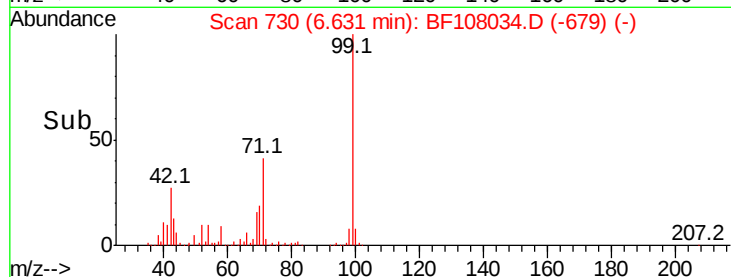
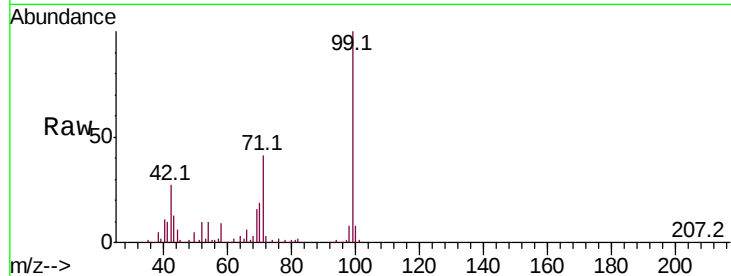
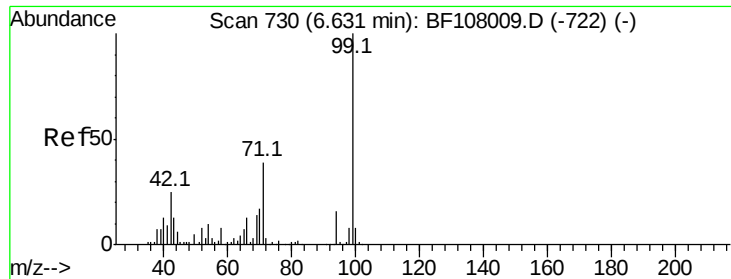


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.000 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tot Ion: 99 Resp: 2624208

Ion Ratio Lower Upper

99 100

42 27.0 14.5 21.7#

71 41.3 25.4 38.0#

Instrument :

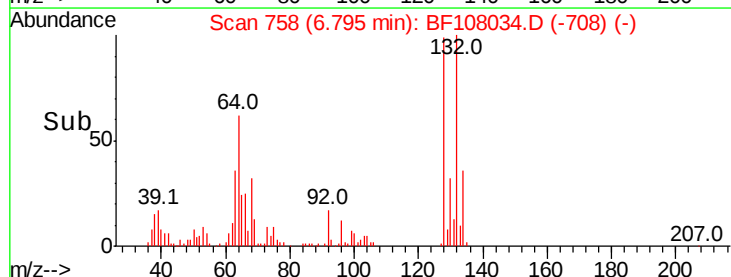
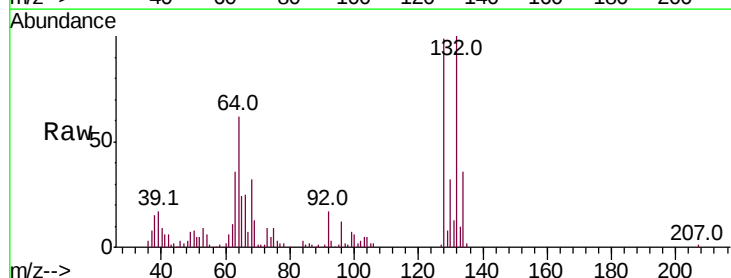
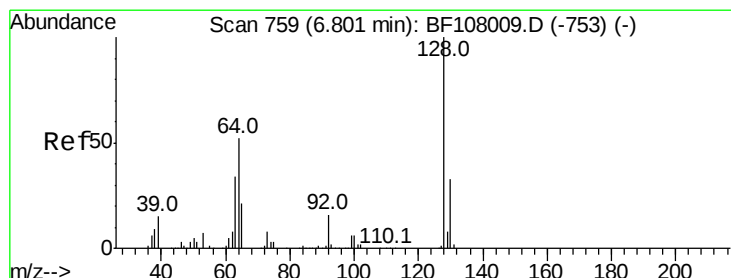
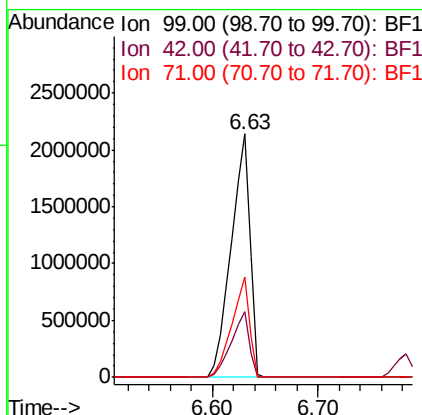
BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

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#8

2-Chlorophenol

Concen: 5.232 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

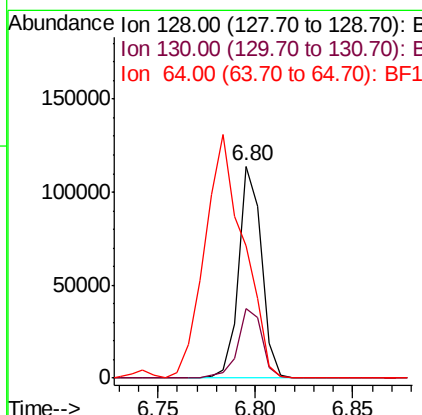
Tgt Ion:128 Resp: 92347

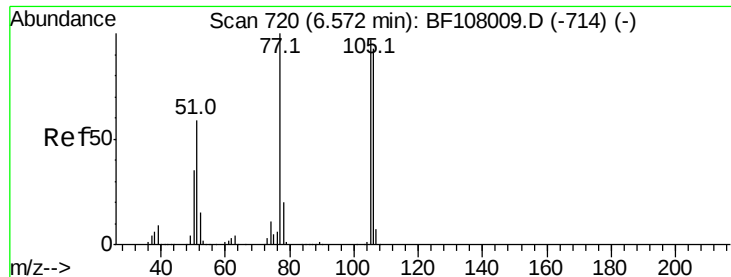
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 62.5 29.4 69.4





#9

Benzaldehyde

Concen: 4.664 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

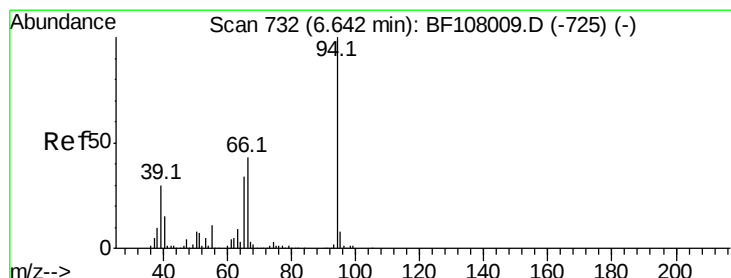
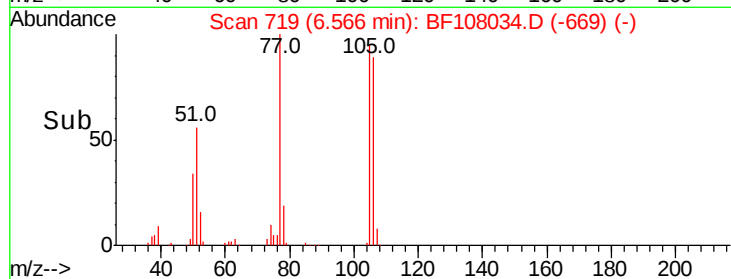
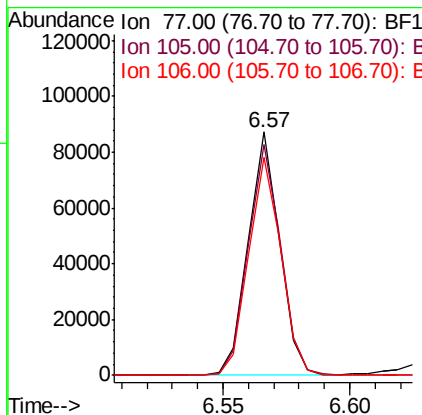
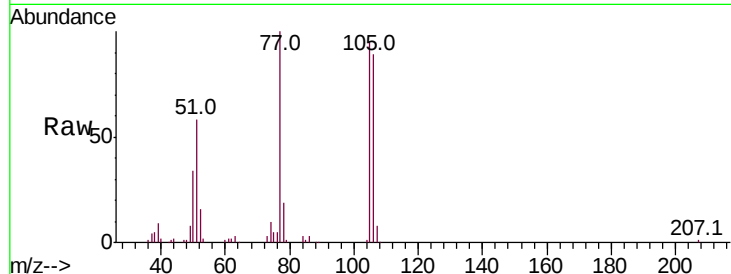
MDL-WATER-03-QT3-2018

Tot Ion: 77 Resp: 75319

Ion	Ratio	Lower	Upper
77	100		
105	94.9	81.1	121.1
106	89.5	74.5	114.5

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#10

Phenol

Concen: 5.030 ng

RT: 6.64 min Scan# 732

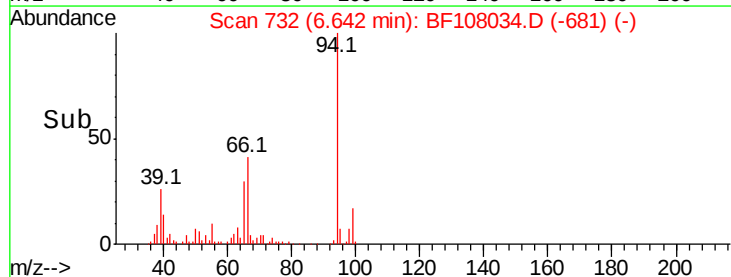
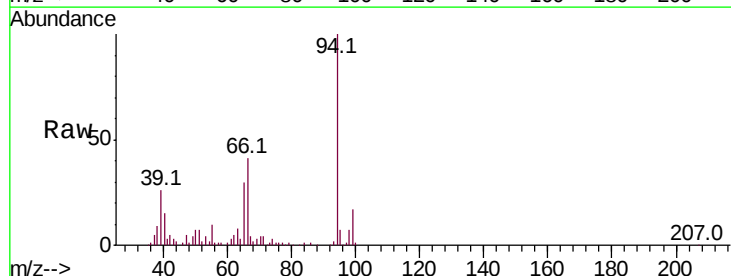
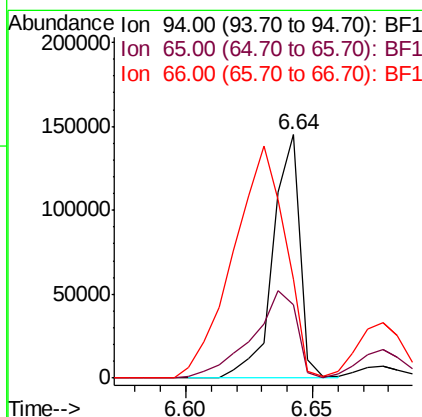
Delta R.T. 0.00 min

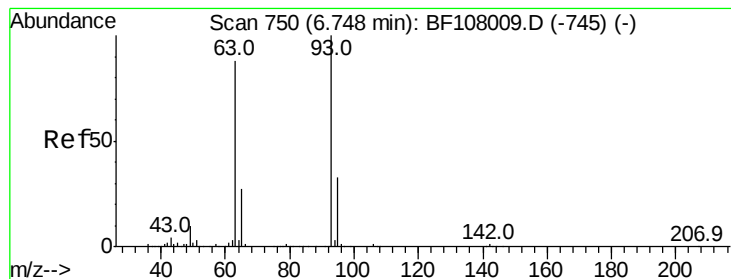
Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion: 94 Resp: 108356

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	40.8	16.2	56.2





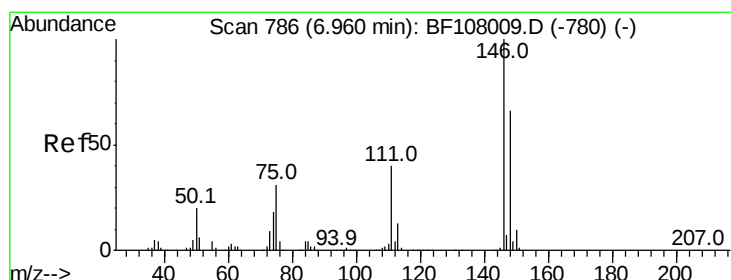
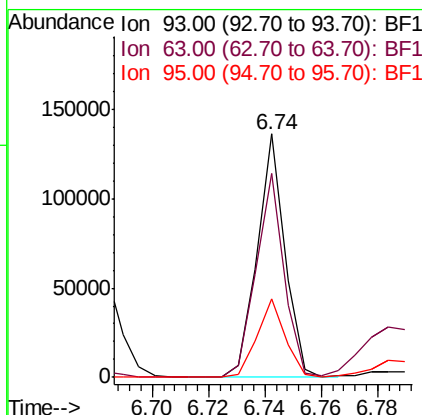
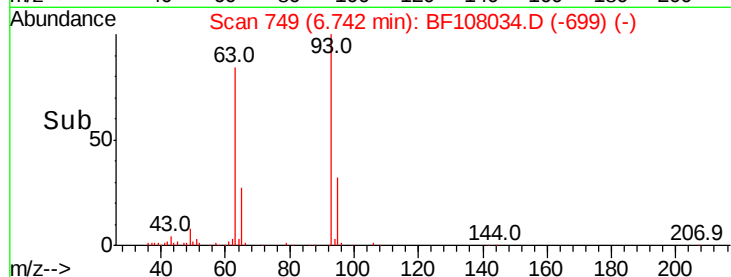
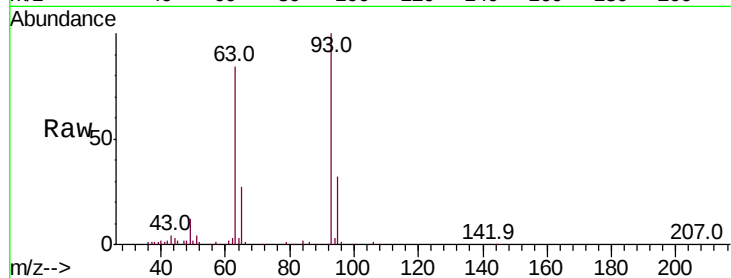
#11
bis(2-Chloroethyl)ether
Concen: 5.333 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	93	Resp	92877
Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.6	98.6
95	32.3	11.8	51.8

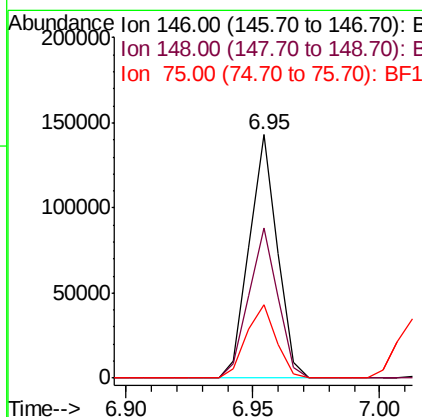
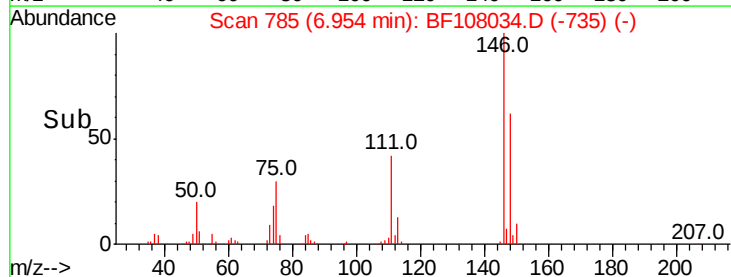
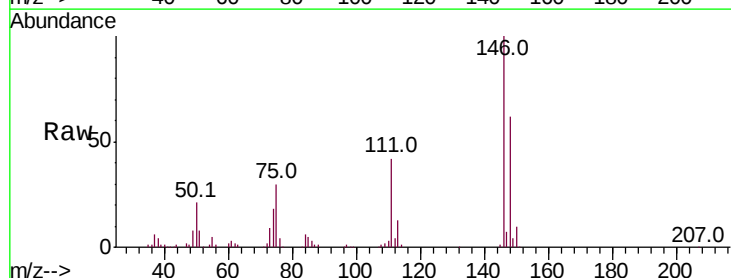
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 5.419 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	146	Resp	110600
Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.8	77.8
75	30.3	24.2	36.4





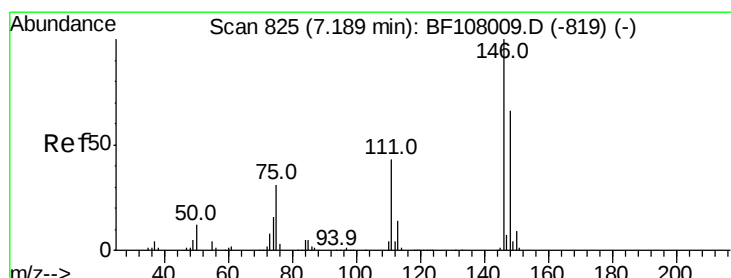
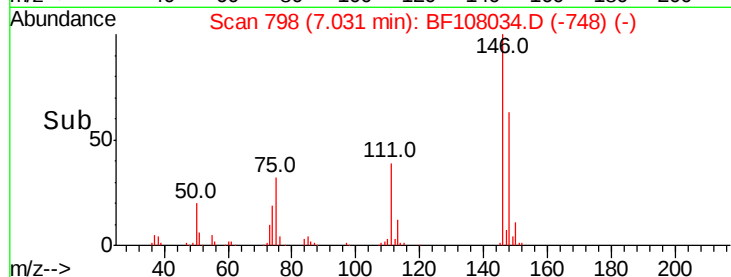
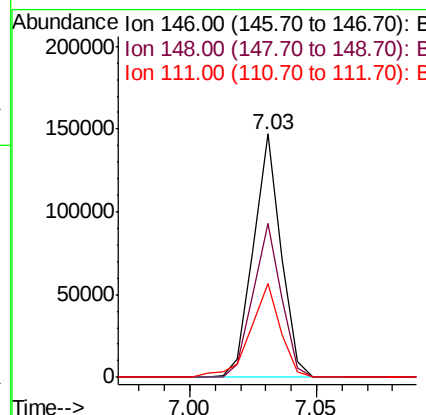
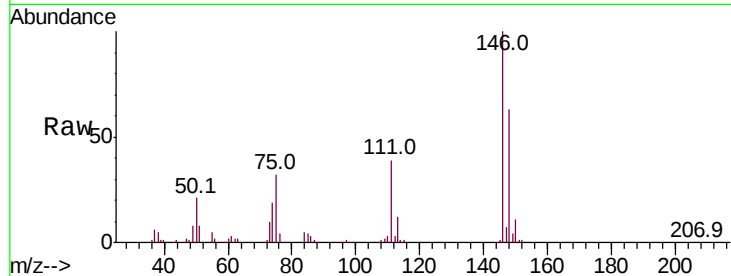
#13
1,4-Dichlorobenzene
Concen: 5.460 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	38.6	34.2	51.2

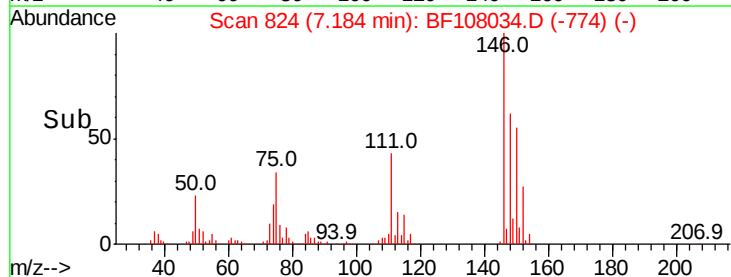
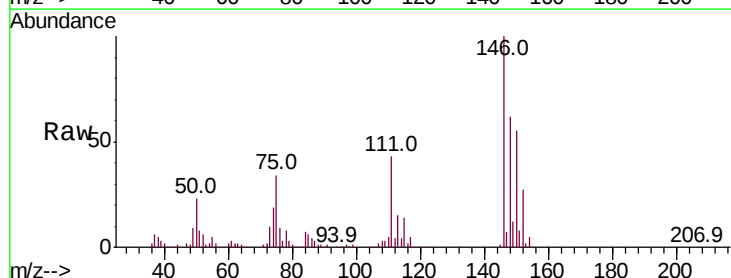
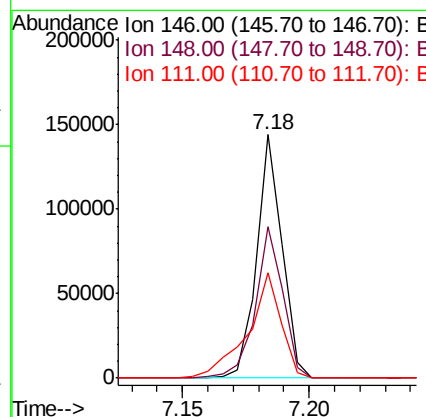
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 5.272 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 3.880 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

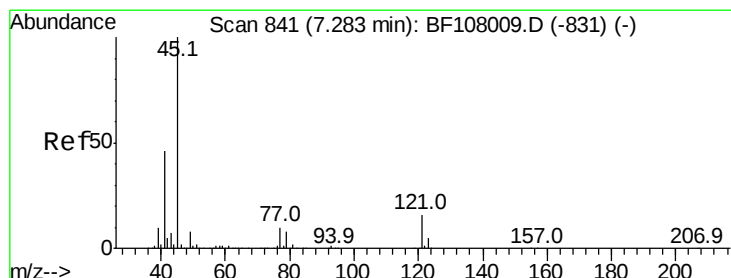
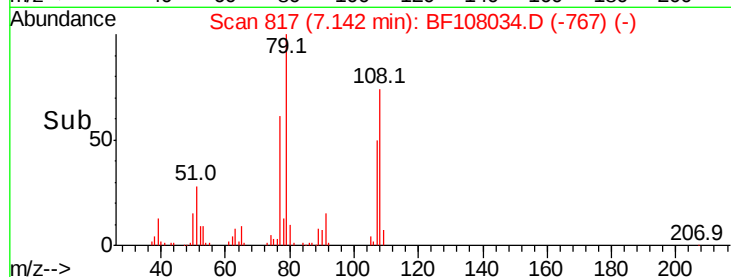
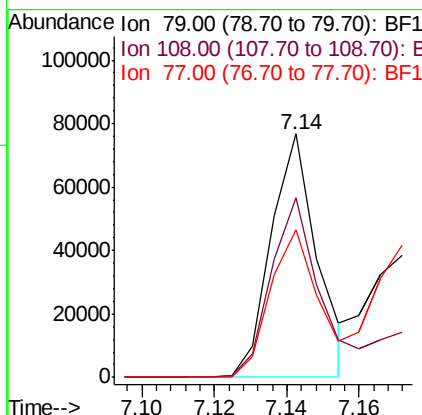
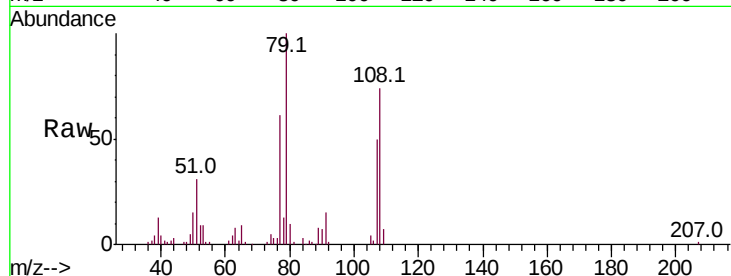
ClientSampleID :

MDL-WATER-03-QT3-2018

Tot Ion:	79	Resp:	68029
Ion Ratio	Lower	Upper	
79	100		
108	73.8	65.1	97.7
77	60.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.254 ng

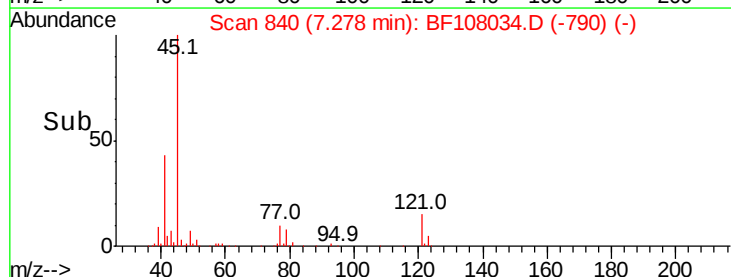
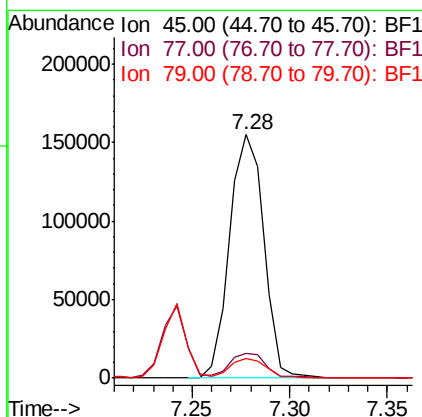
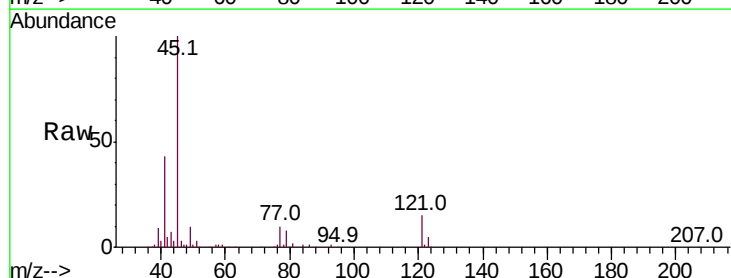
RT: 7.28 min Scan# 840

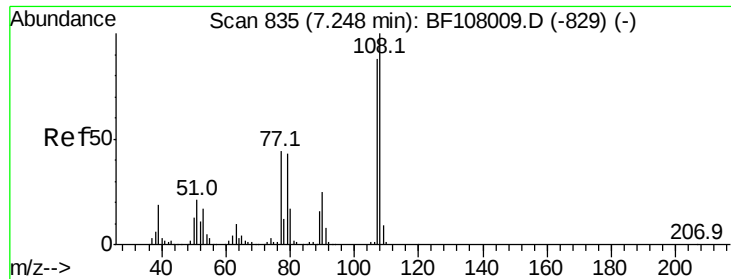
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion:	45	Resp:	188508
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	32.9
79	7.9	0.0	29.6





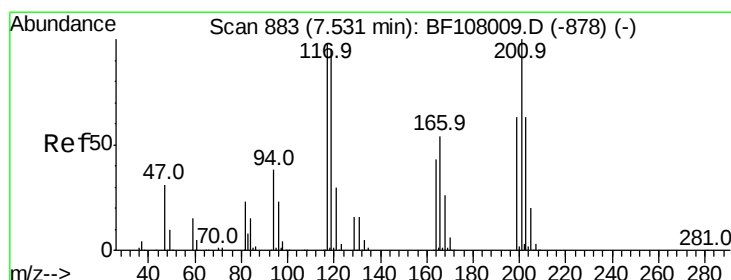
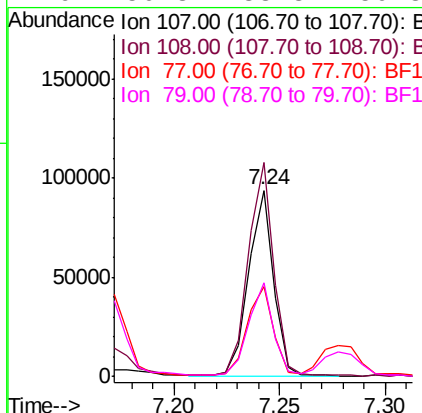
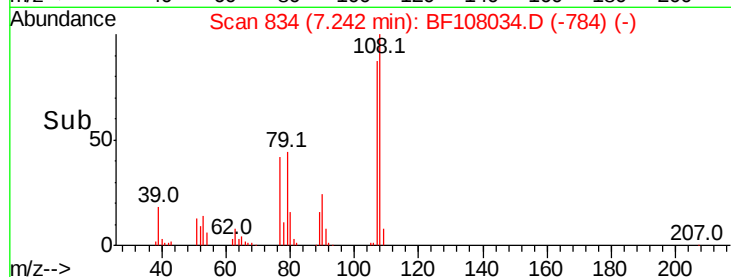
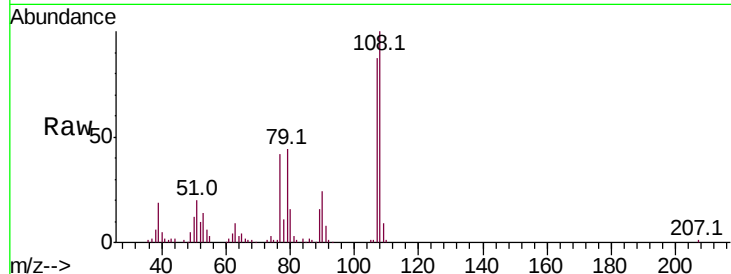
#17
2-Methylphenol
Concen: 5.138 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion:	107	Resp:	77770
Ion Ratio	Lower	Upper	
107	100		
108	114.8	91.7	137.5
77	48.5	33.8	50.8
79	50.3	33.8	50.8

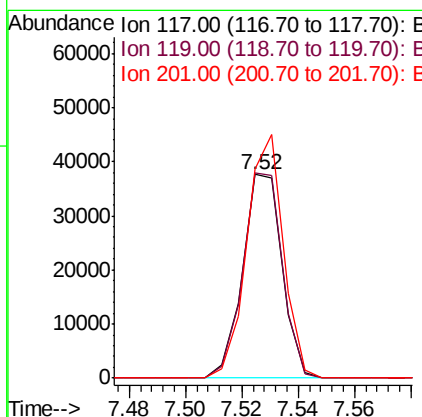
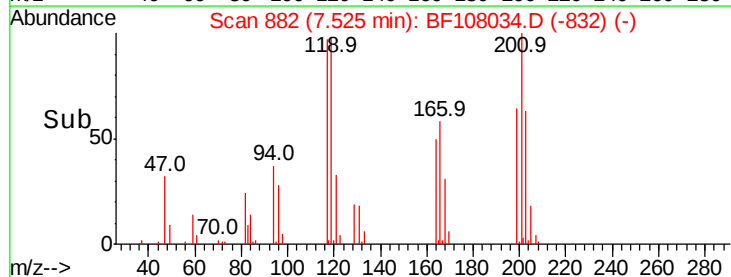
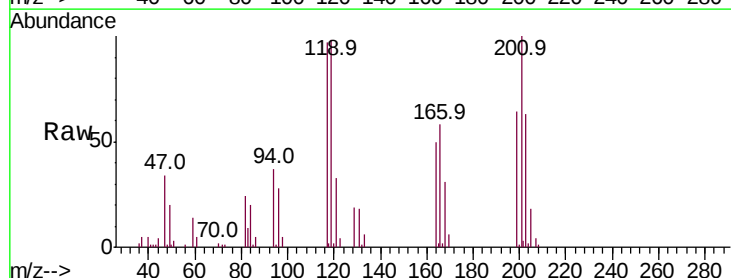
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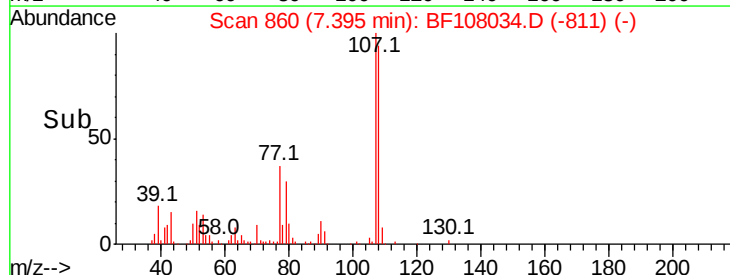
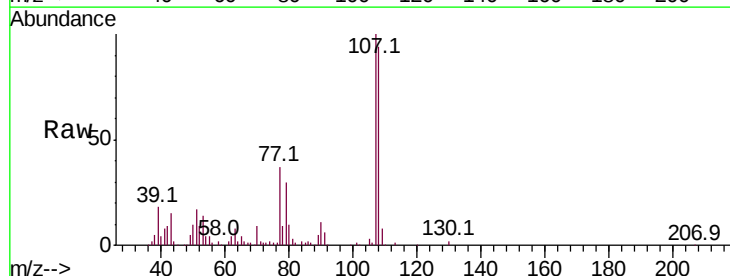
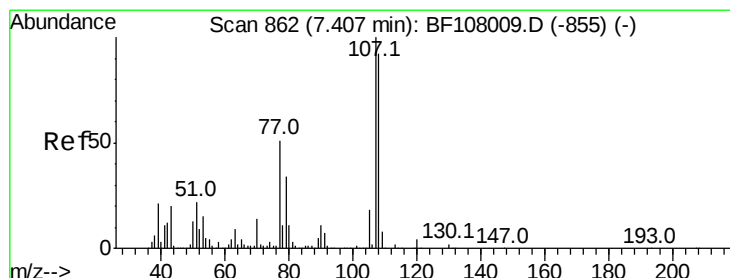
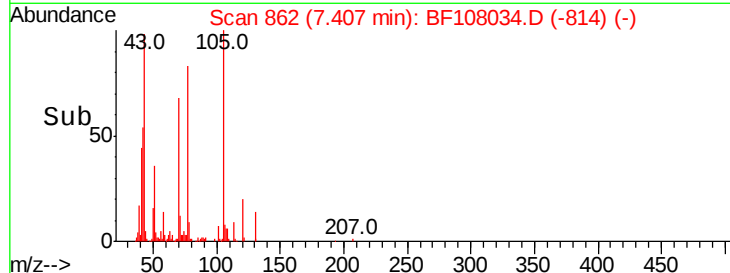
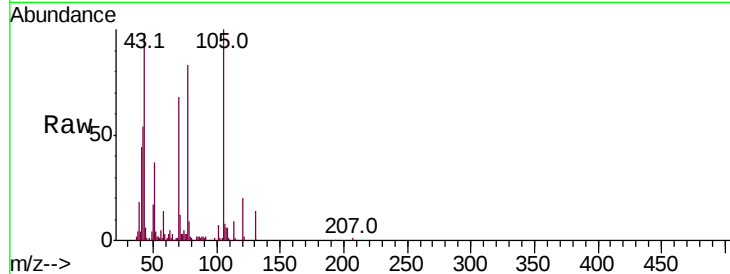
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#18
Hexachloroethane
Concen: 5.011 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion:	117	Resp:	36584
Ion Ratio	Lower	Upper	
117	100		
119	101.0	75.8	113.8
201	105.6	75.7	113.5





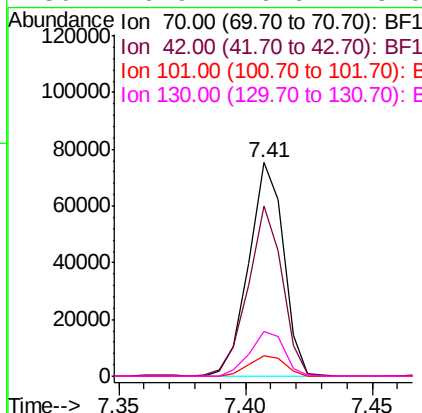
#19
n-Nitroso-di-n-propylamine
Concen: 5.126 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.6	47.5	71.3#
101	9.7	7.4	11.2
130	20.9	16.6	25.0

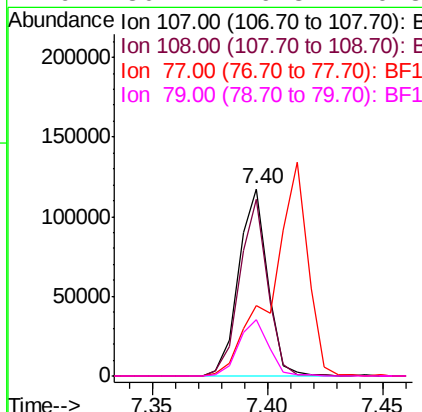
Manual Integrations
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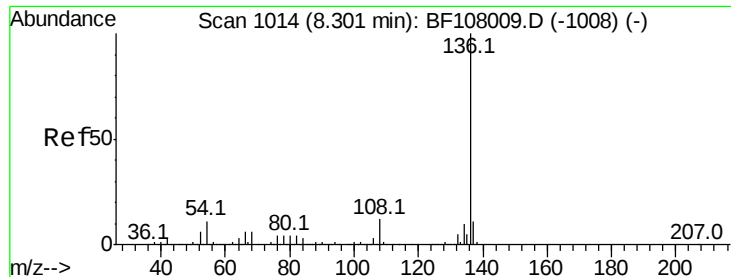
Sohil
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#20
3+4-Methylphenols
Concen: 5.312 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	37.3	26.7	66.7
79	30.1	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: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

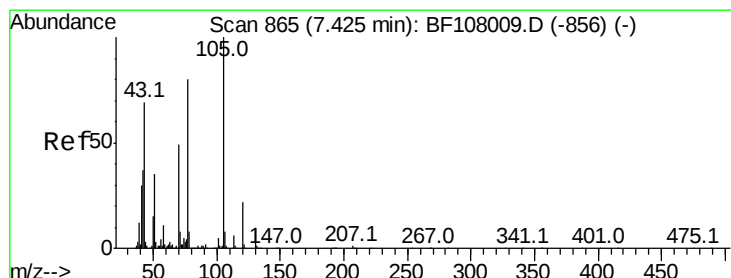
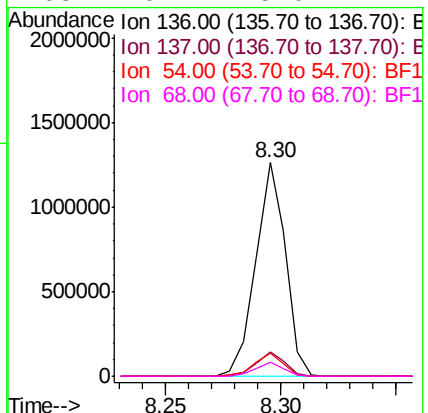
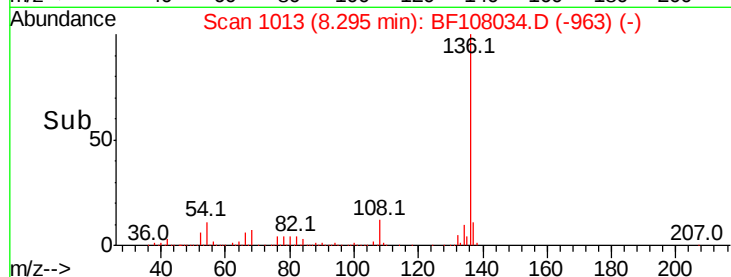
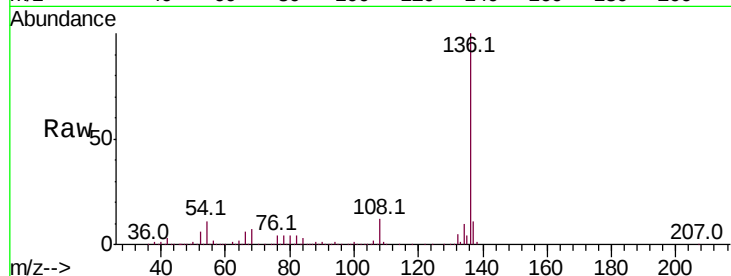
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.7	6.6	9.8
68	6.7	5.0	7.4

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#22

Acetophenone

Concen: 5.333 ng

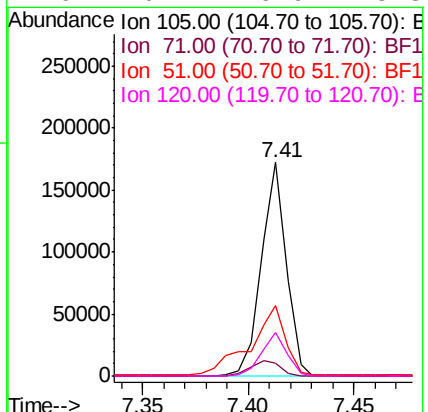
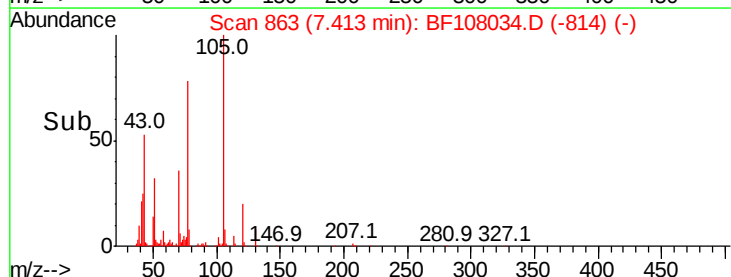
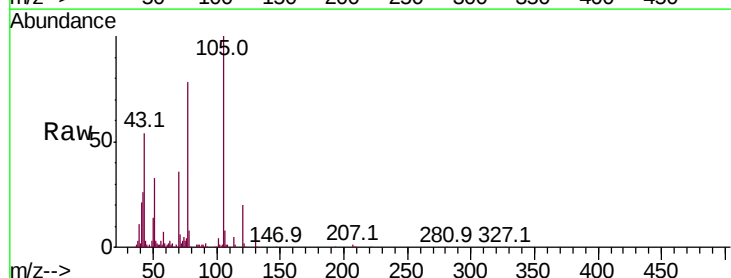
RT: 7.41 min Scan# 863

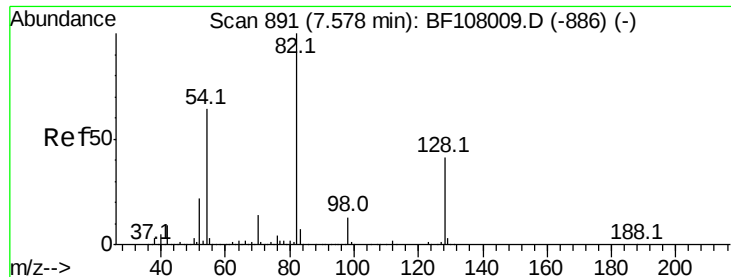
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	33.3	22.3	33.5
120	20.4	16.9	25.3





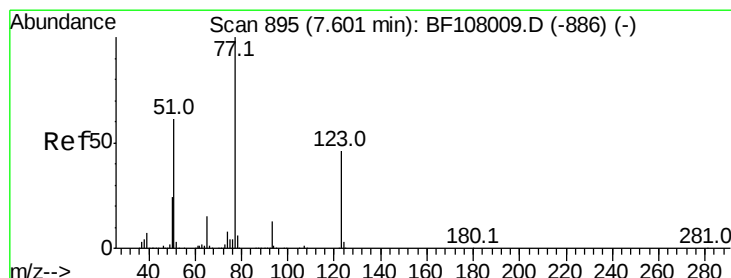
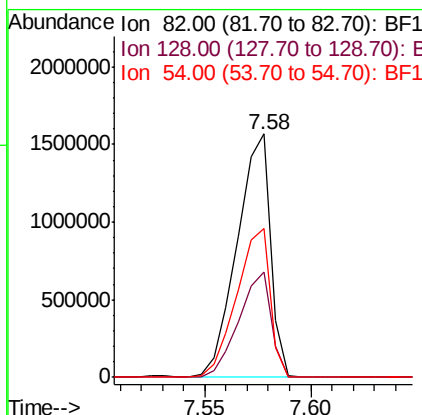
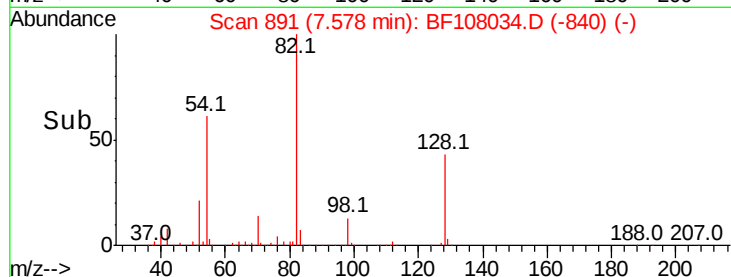
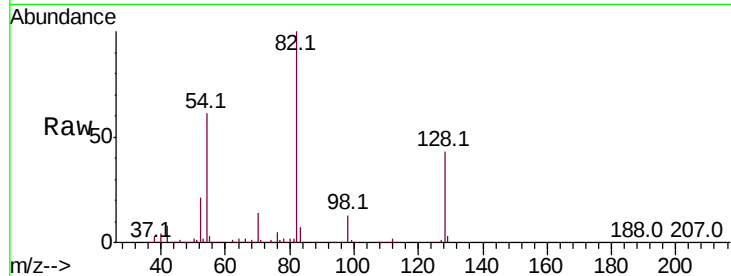
#23
 Nitrobenzene-d5
 Concen: 84.646 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion: 82 Resp: 1719666
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 61.4 41.4 62.2

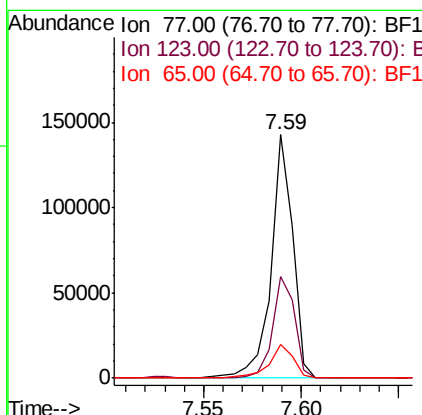
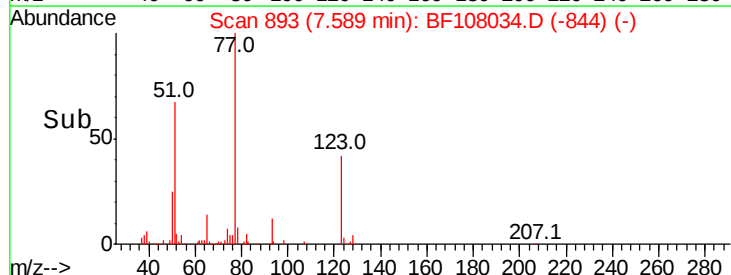
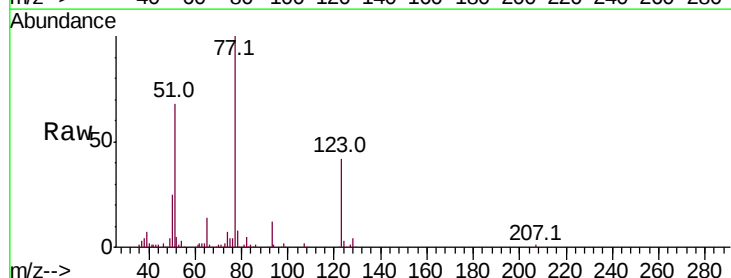
Manual Integrations
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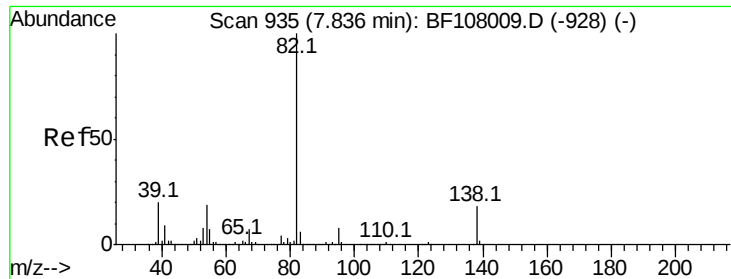
Sohil
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#24
 Nitrobenzene
 Concen: 5.354 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion: 77 Resp: 110001
 Ion Ratio Lower Upper
 77 100
 123 41.8 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 5.012 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

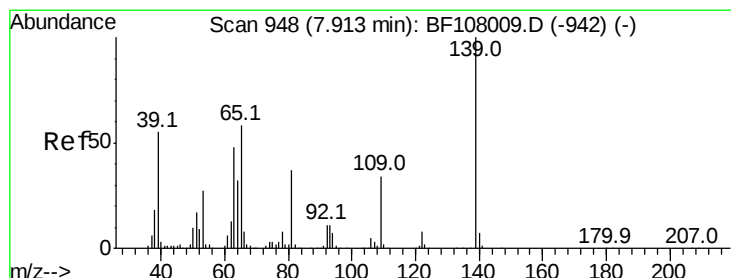
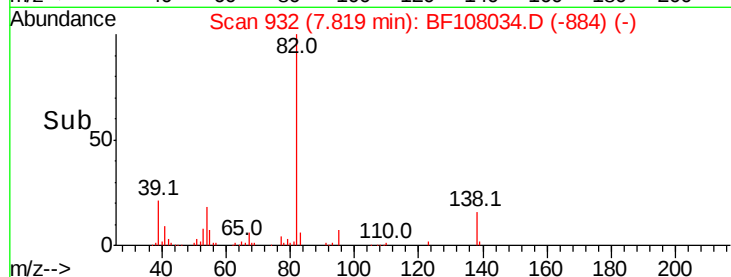
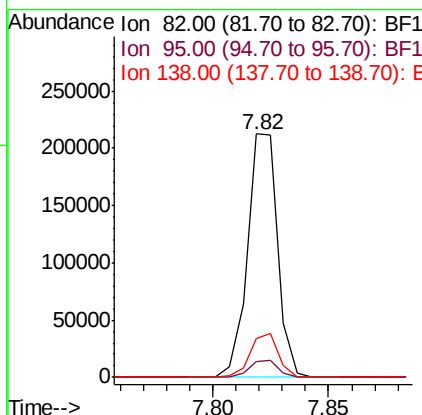
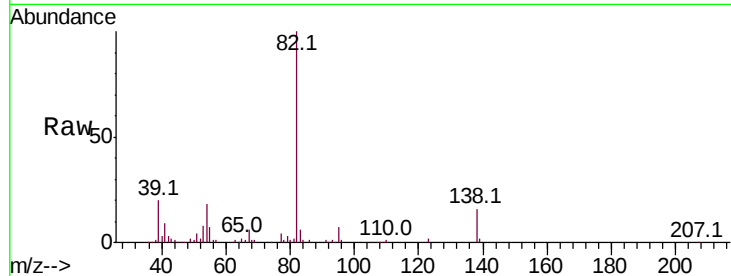
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	82	Resp:	194066
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	15.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 3.908 ng

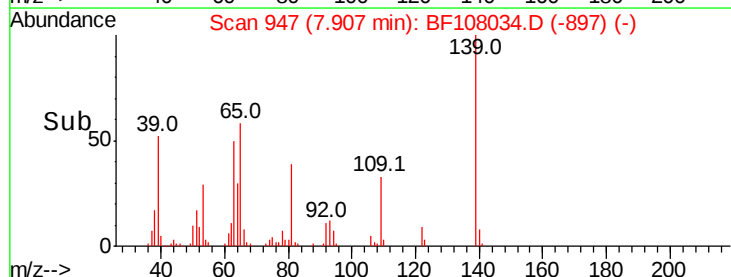
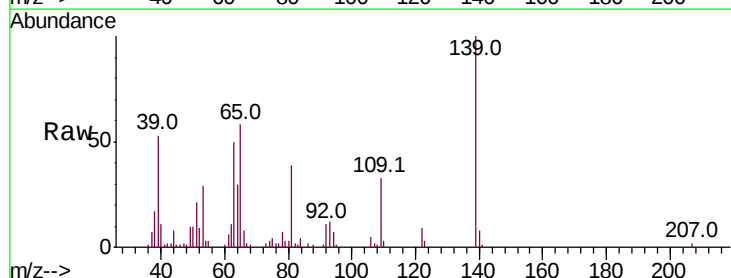
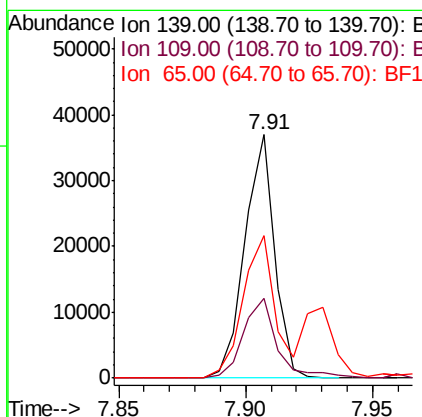
RT: 7.91 min Scan# 947

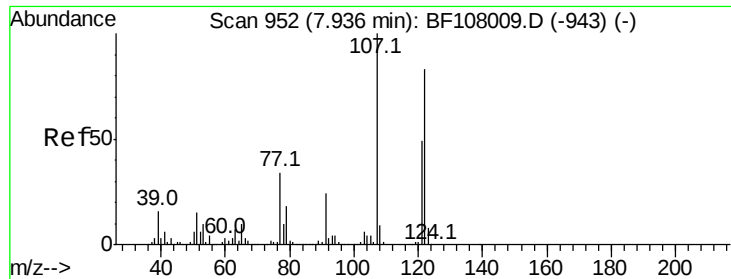
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion:	139	Resp:	30319
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.7	34.1
65	58.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 5.229 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

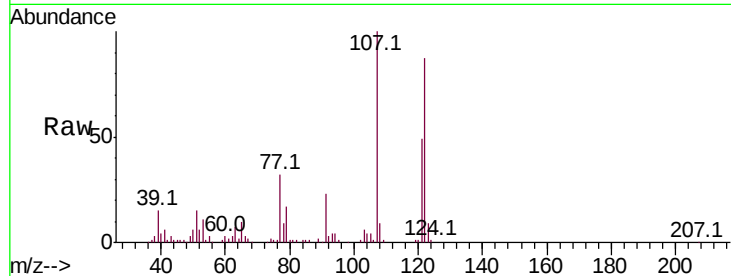
ClientSampleId :

MDL-WATER-03-QT3-2018

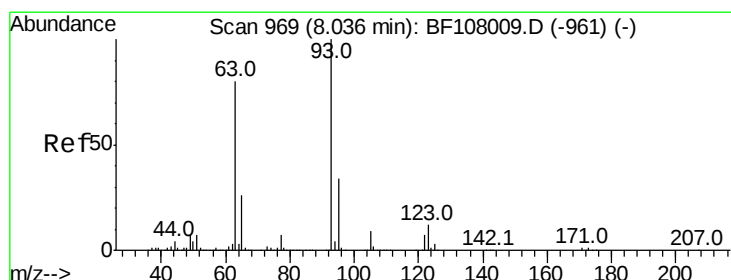
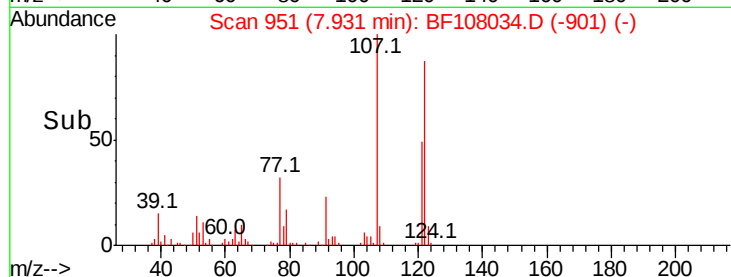
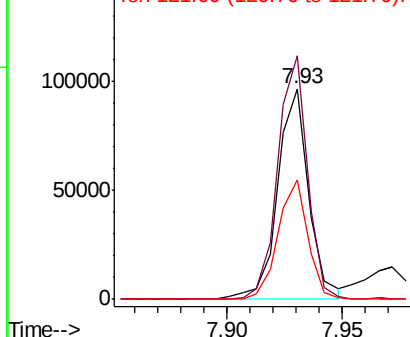
Tot Ion:	122	Resp:	89873
Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.2	136.8
121	56.4	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
150000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.342 ng

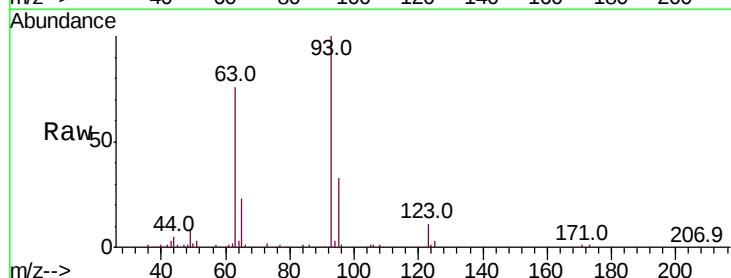
RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

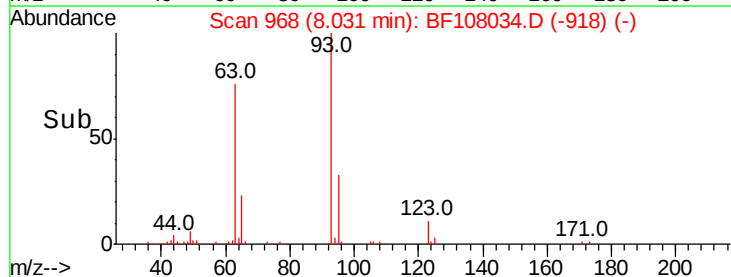
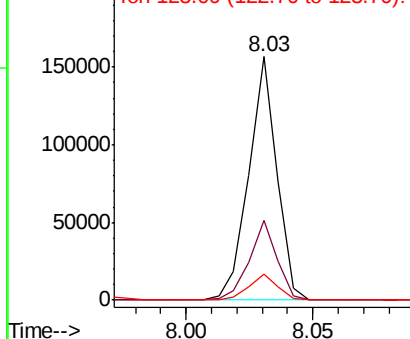
Lab File: BF108034.D

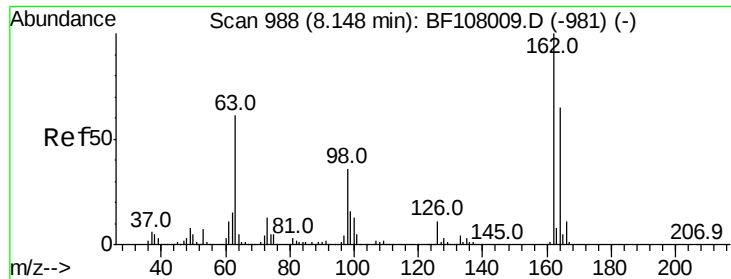
Acq: 8 Aug 2018 21:59

Tgt Ion:	93	Resp:	120765
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	10.7	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
200000
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





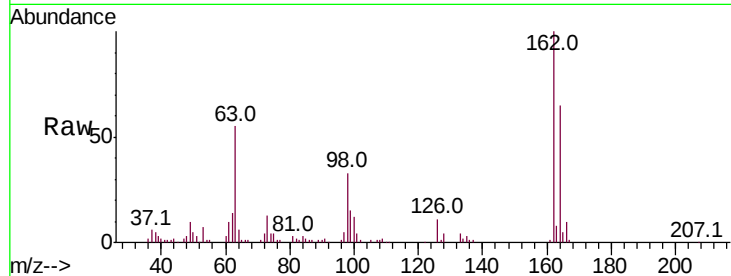
#29
2,4-Dichlorophenol
Concen: 5.024 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	79463		
164	64.5	42.7	82.7	
98	33.1	18.1	58.1	

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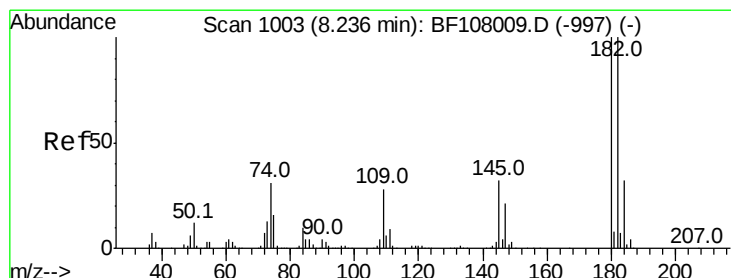
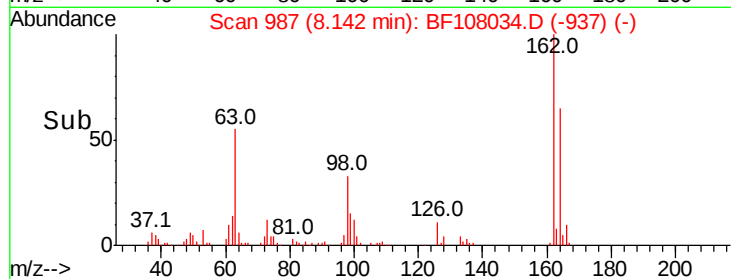
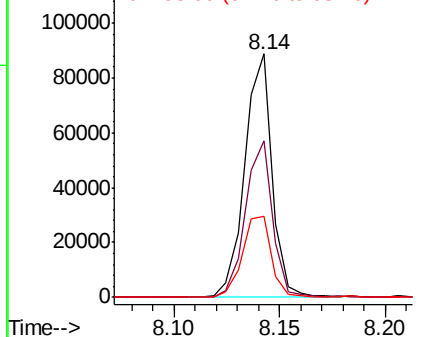


Abundance

Ion 162.00 (161.70 to 162.70): E

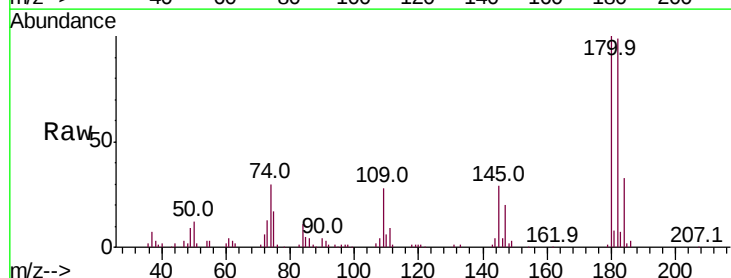
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 5.190 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90499		
182	99.1	76.8	115.2	
145	29.1	26.5	39.7	

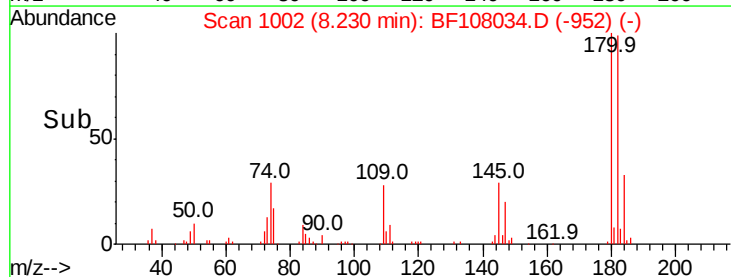
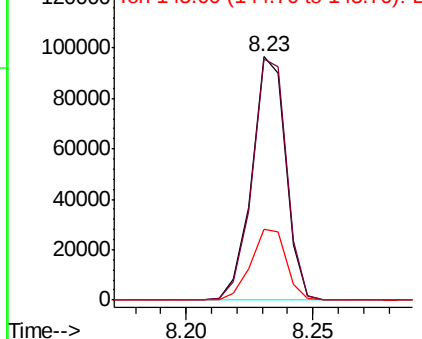


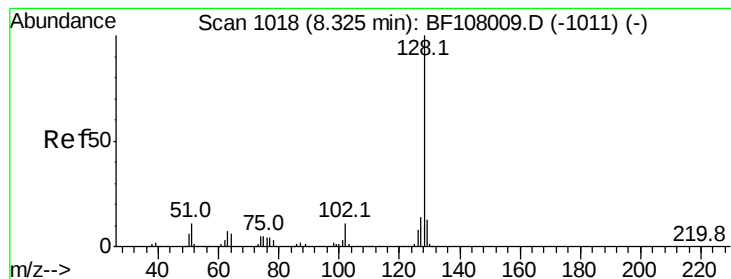
Abundance

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: 5.607 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

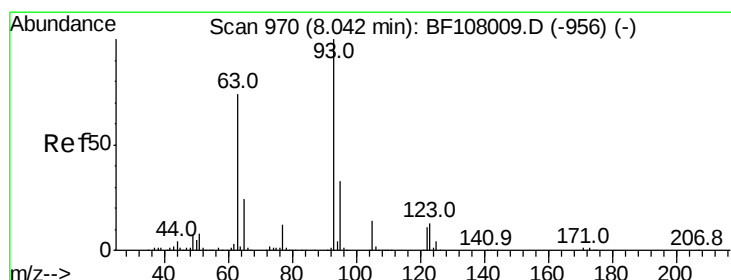
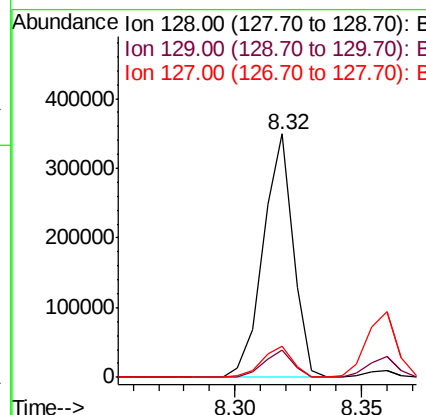
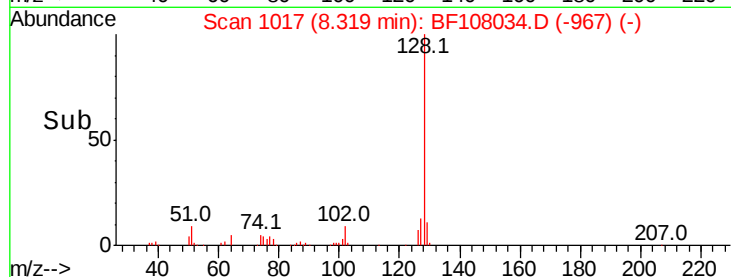
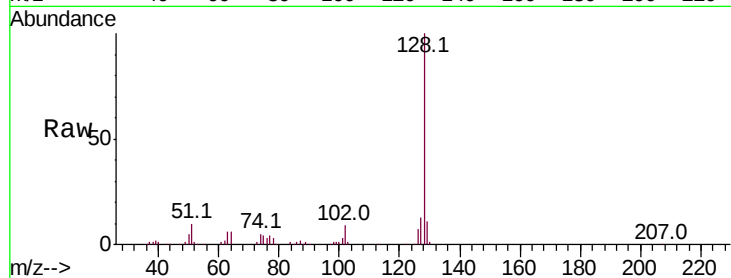
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	128	Resp:	289071
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	12.6	10.9	16.3

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#32

Benzoic acid

Concen: 8.137 ng m

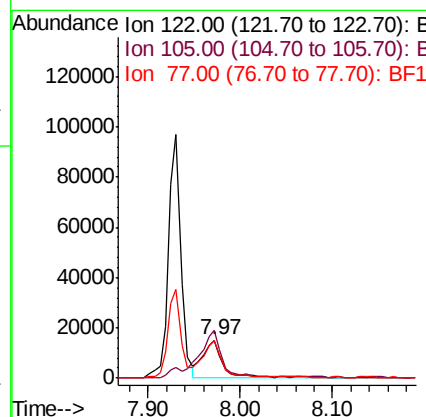
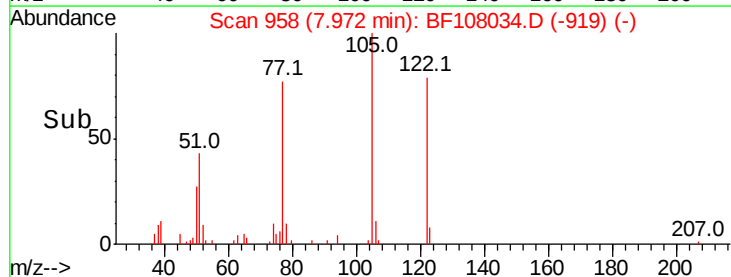
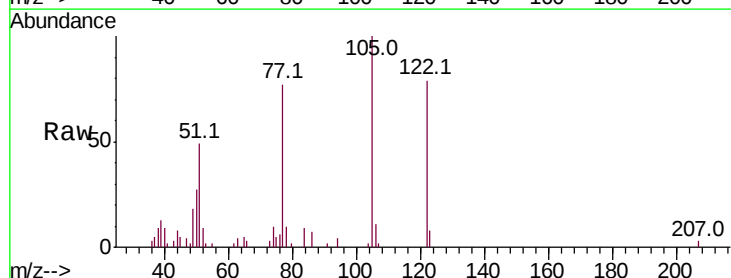
RT: 7.97 min Scan# 958

Delta R.T. -0.07 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion:	122	Resp:	24632
Ion Ratio	Lower	Upper	
122	100		
105	127.0	101.1	141.1
77	98.0	70.7	110.7





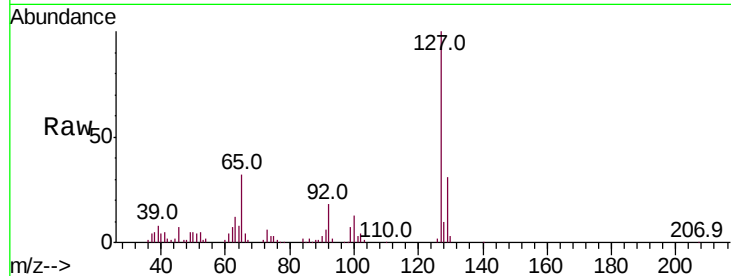
#33
4-Chloroaniline
Concen: 3.489 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	25.9	38.9	
65	31.7	25.0	37.4	
92	18.2	15.2	22.8	

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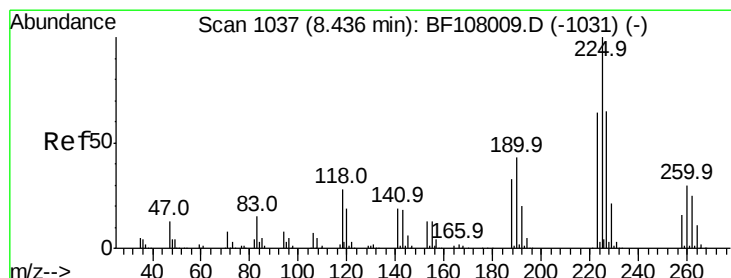
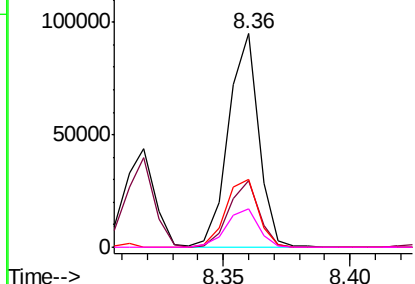
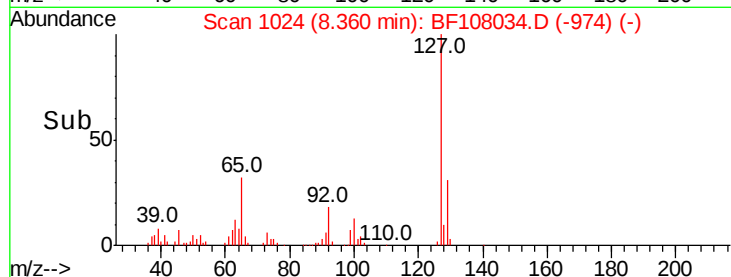
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

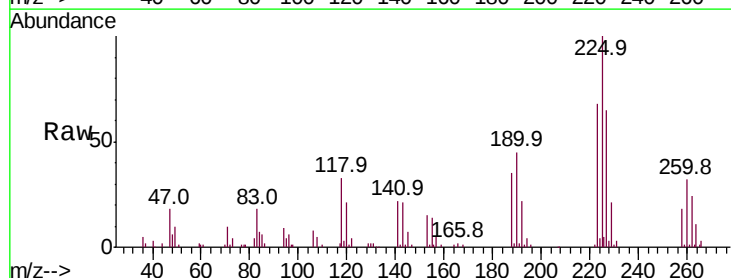
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 5.125 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.8	50.6	76.0	
227	65.4	51.9	77.9	

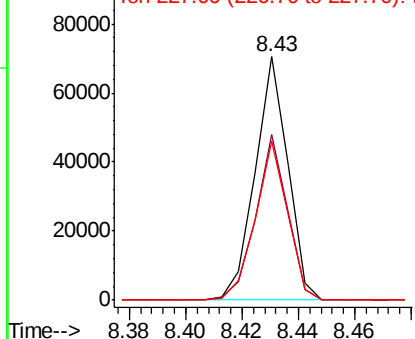
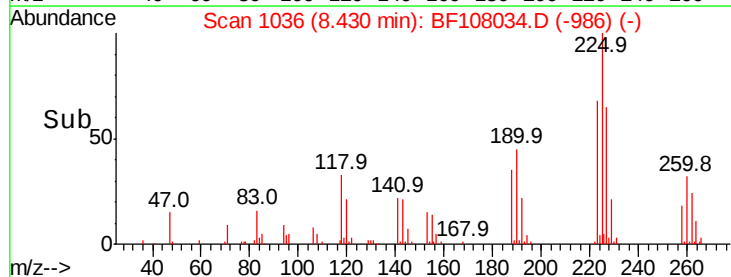


Abundance

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: 4.824 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.05 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

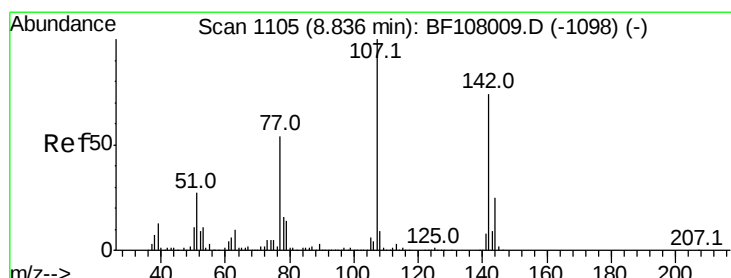
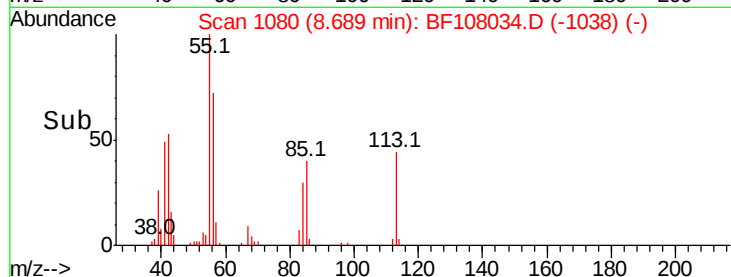
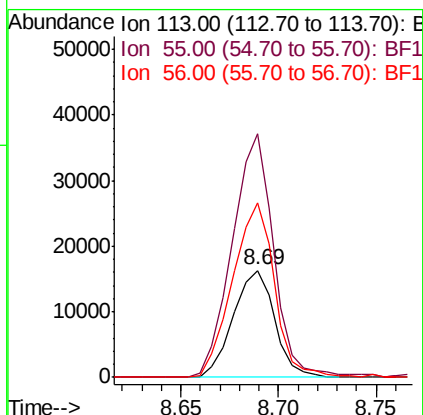
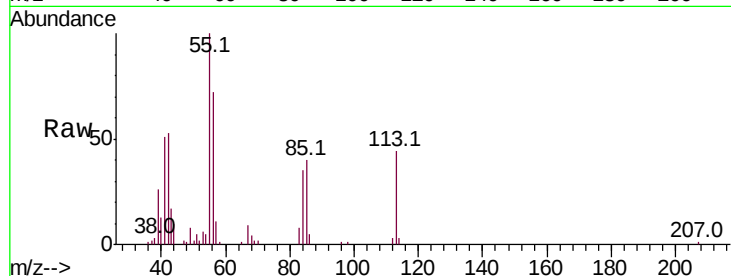
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.5	163.3	203.3#
56	163.0	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 4.987 ng

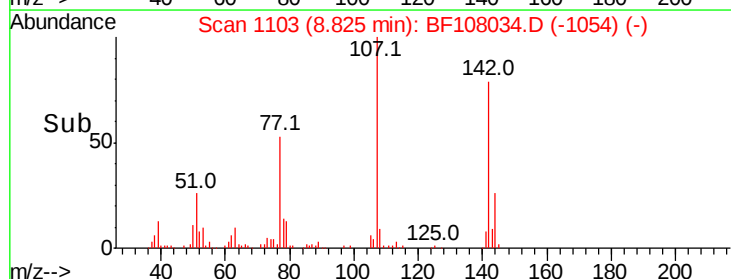
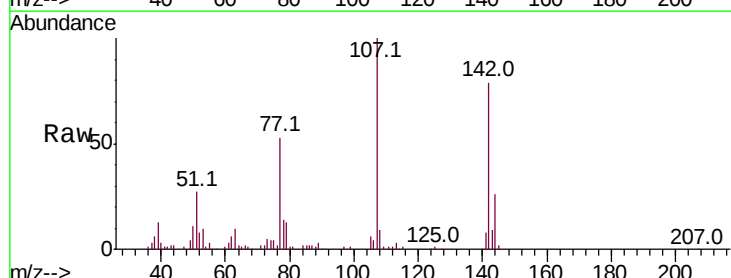
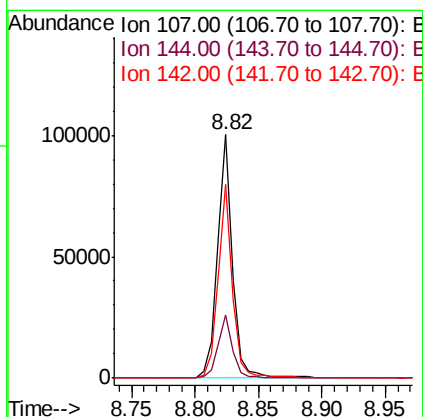
RT: 8.82 min Scan# 1103

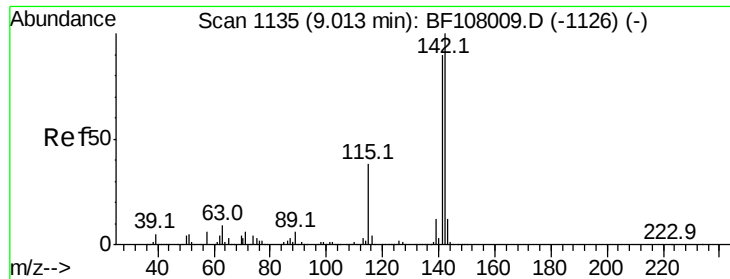
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	79.4	62.0	93.0





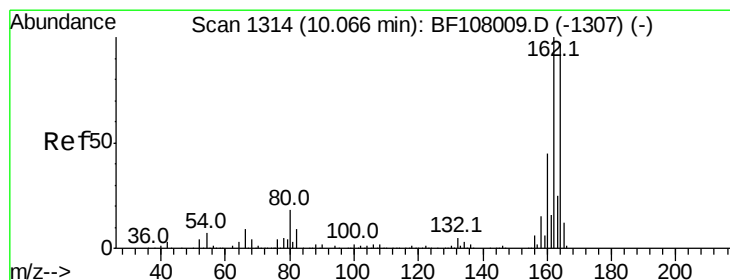
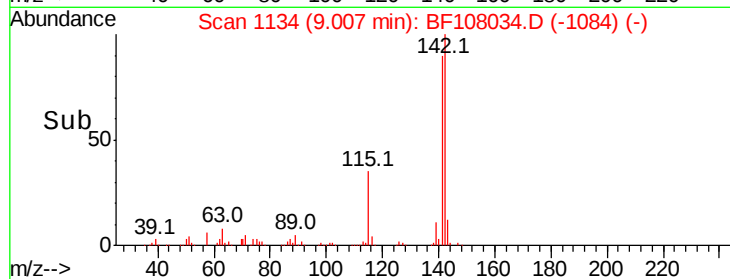
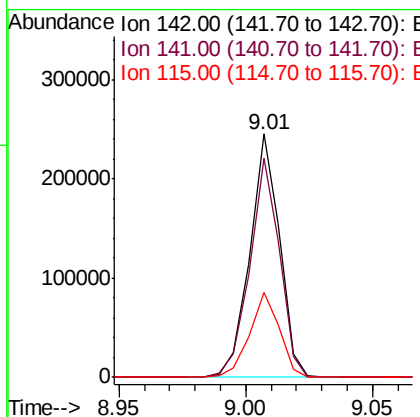
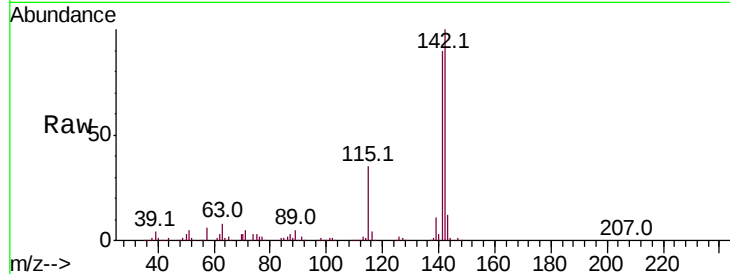
#37
2-Methylnaphthalene
Concen: 5.487 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	200163		
141	89.9	70.8	106.2	
115	35.1	26.1	39.1	

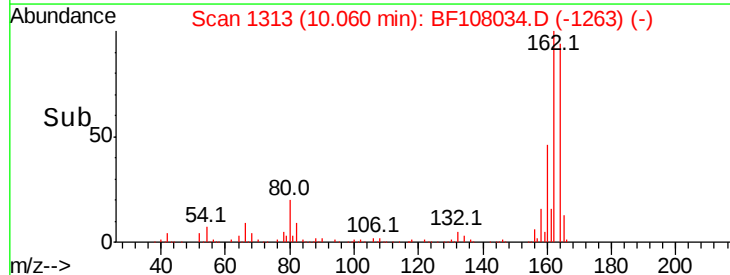
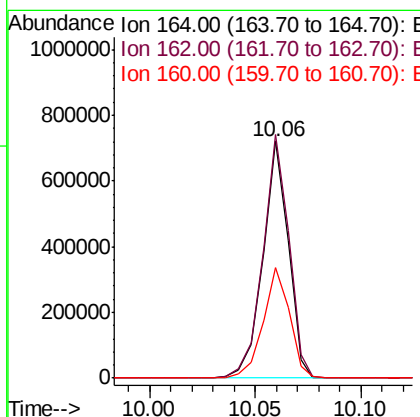
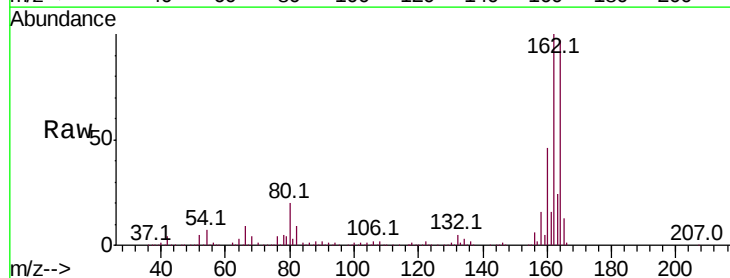
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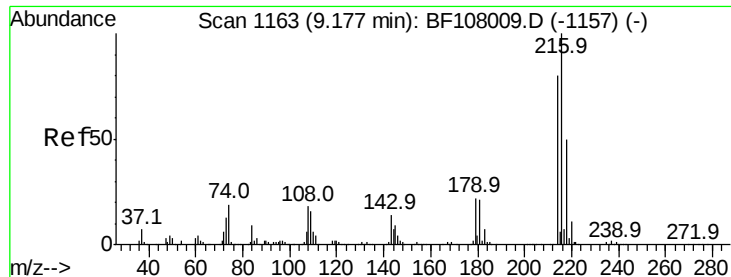
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	605558		
162	102.8	86.1	129.1	
160	46.9	38.3	57.5	





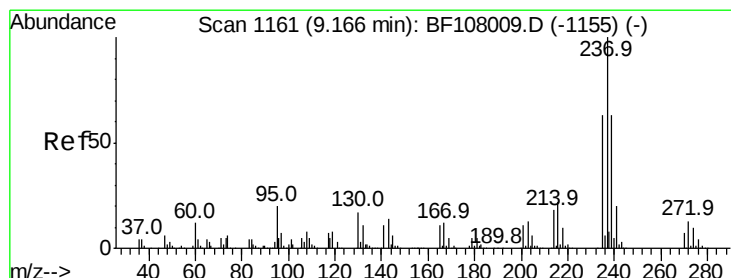
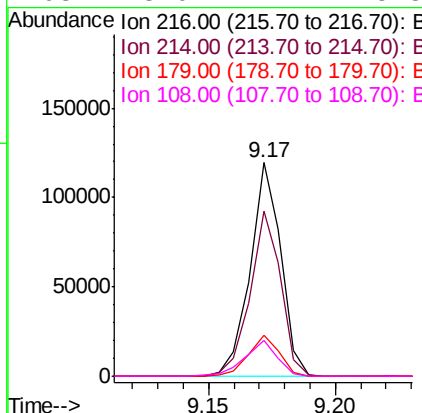
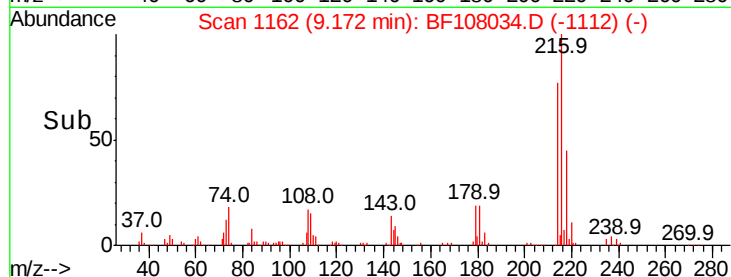
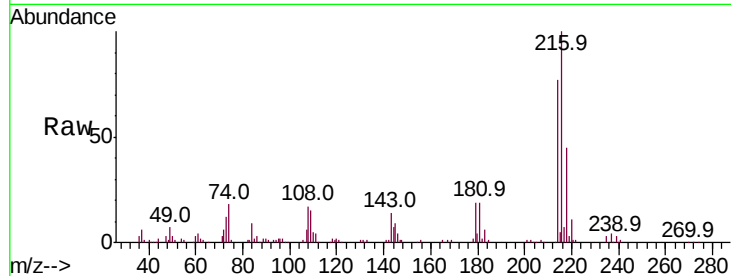
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.417 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	100741		
214	77.2	63.0	94.4	
179	19.5	18.1	27.1	
108	18.0	17.2	25.8	

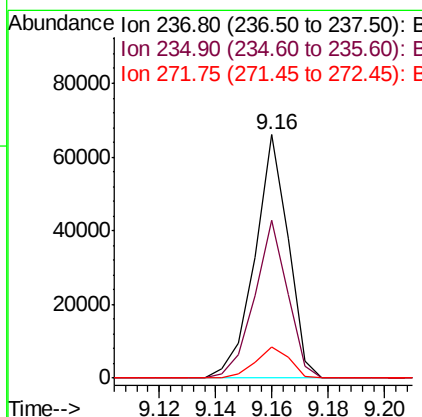
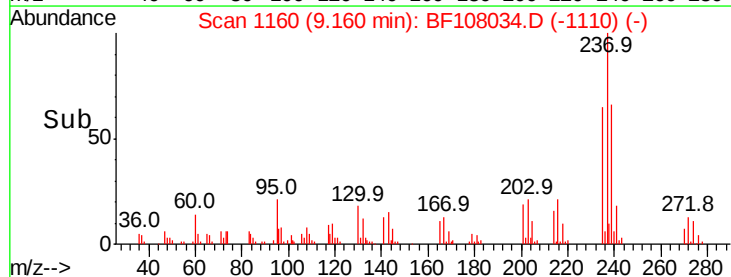
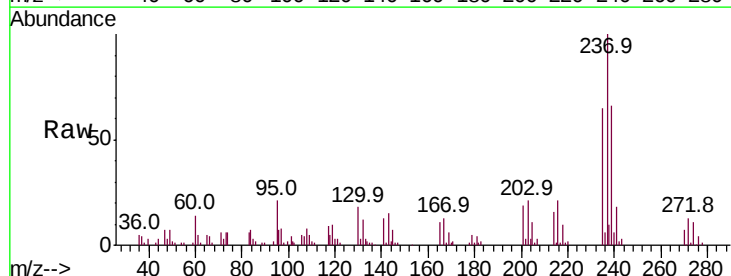
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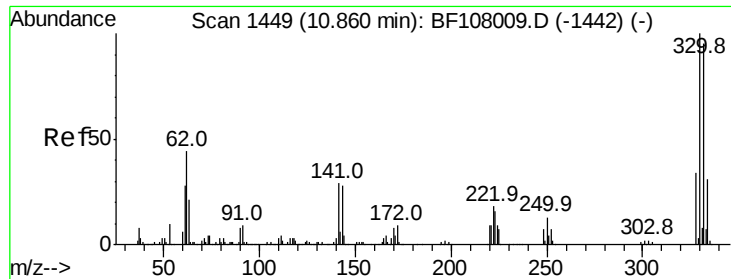
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#40
 Hexachlorocyclopentadiene
 Concen: 4.512 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	54200		
235	65.0	44.8	84.8	
272	12.8	0.0	33.3	





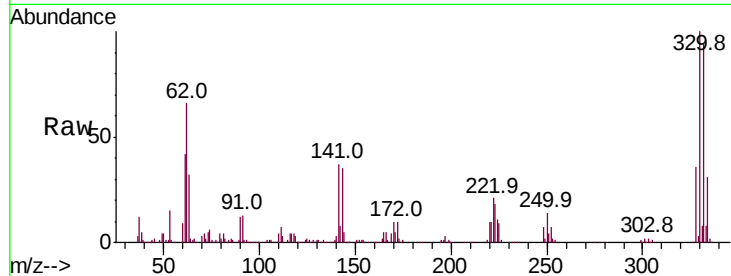
#41
 2,4,6-Tribromophenol
 Concen: 138.614 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

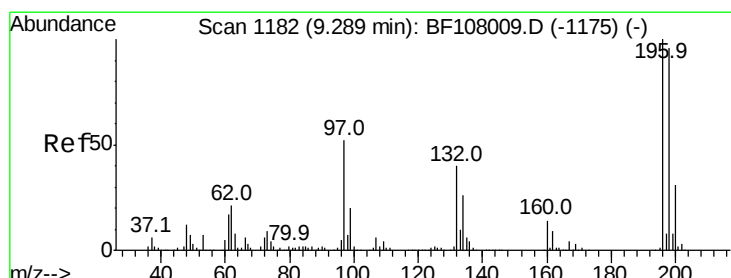
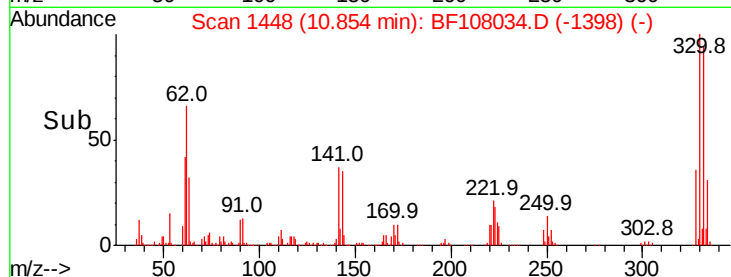
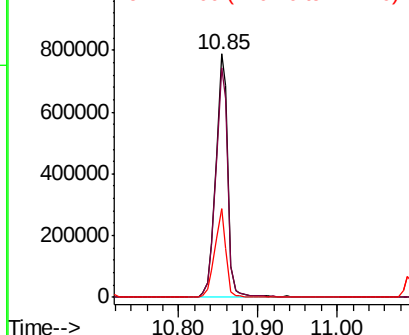
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	33.9	29.9	44.9	

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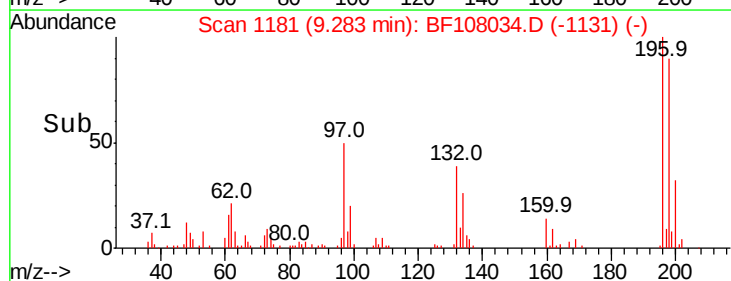
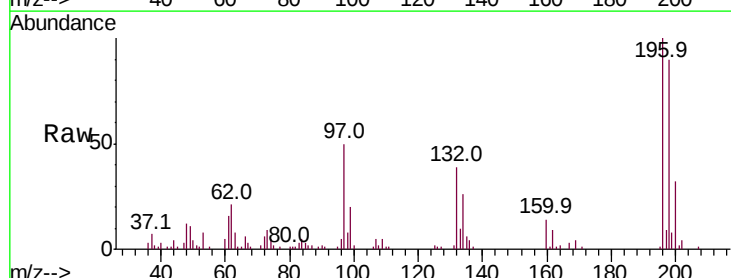
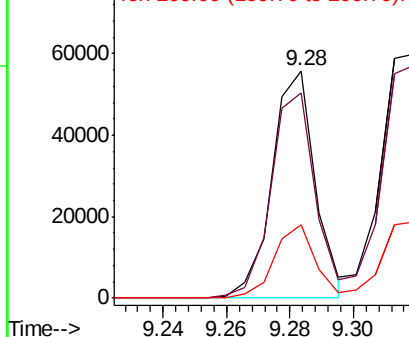
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

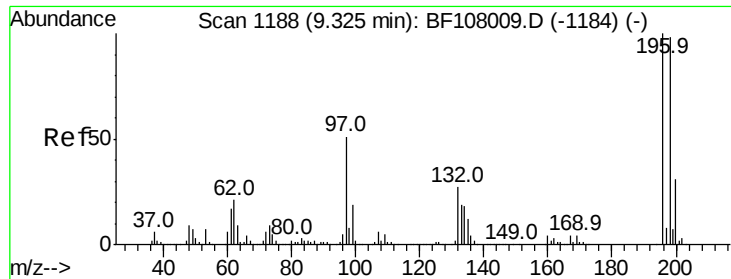


#42
 2,4,6-Trichlorophenol
 Concen: 4.602 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.4	75.7	113.5	
200	32.4	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





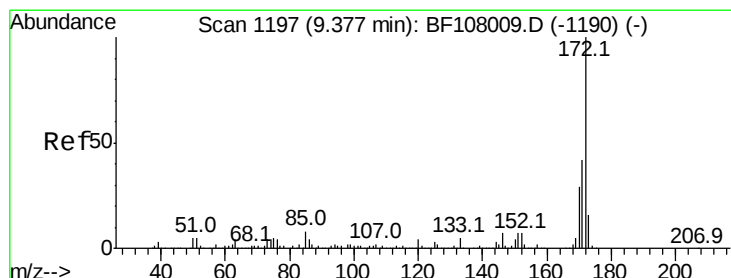
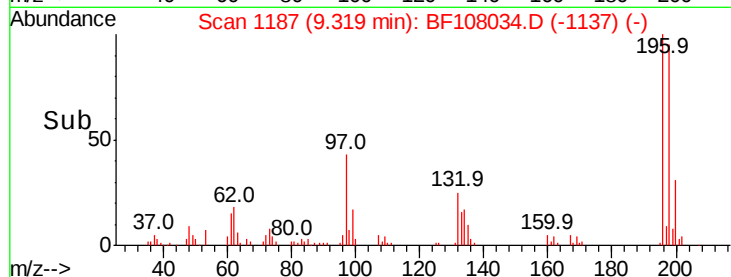
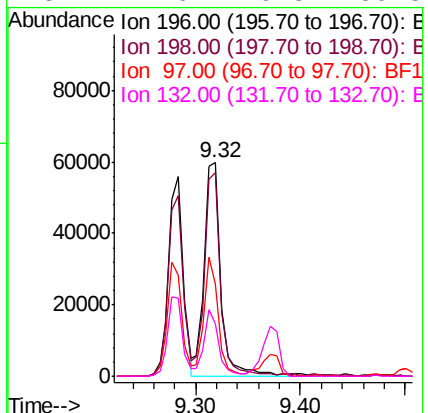
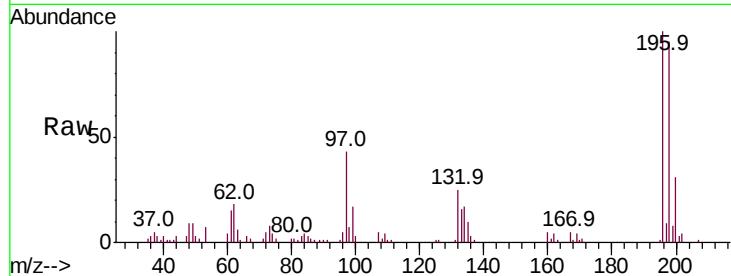
#43
 2,4,5-Trichlorophenol
 Concen: 5.190 ng/mL
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	43.0	42.9	64.3
132	24.6	26.3	39.5

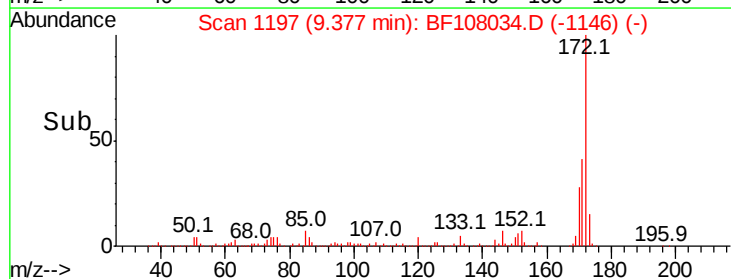
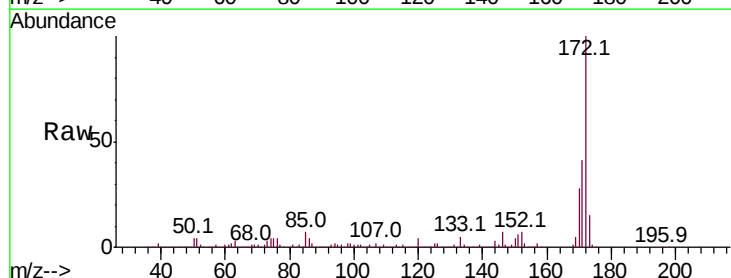
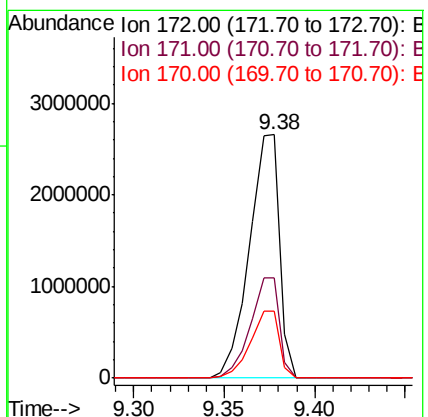
Manual Integrations
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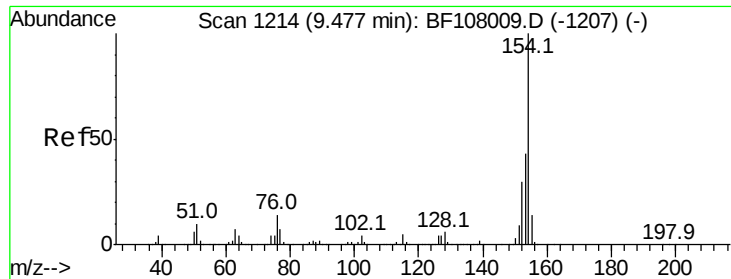
Sohil
 8/9/2018 5:01:39 PM



#44
 2-Fluorobiphenyl
 Concen: 81.540 ng/mL
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	29.7	44.5
170	27.6	19.6	29.4





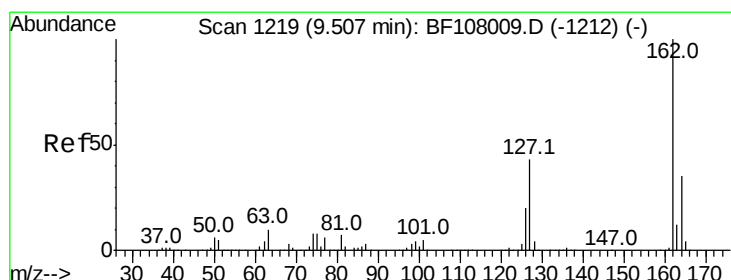
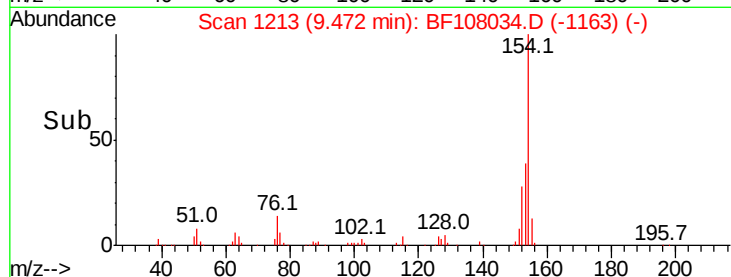
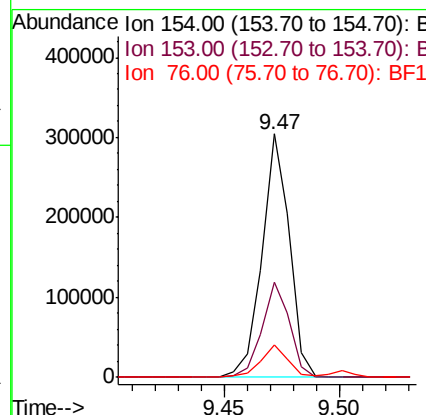
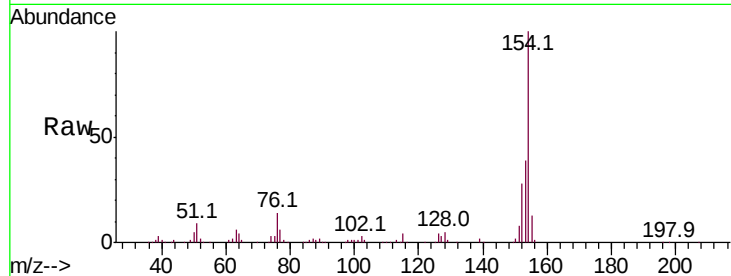
#45
 1,1'-Biphenyl
 Concen: 5.641 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.3	21.3	61.3	
76	13.5	0.0	34.0	

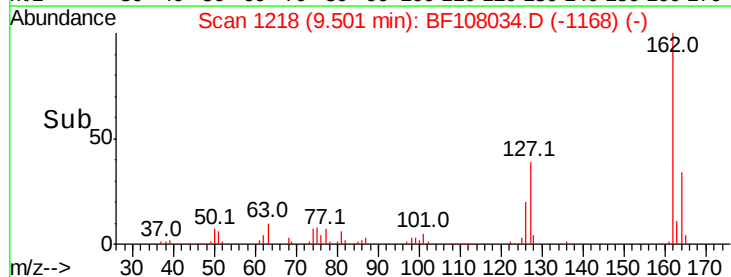
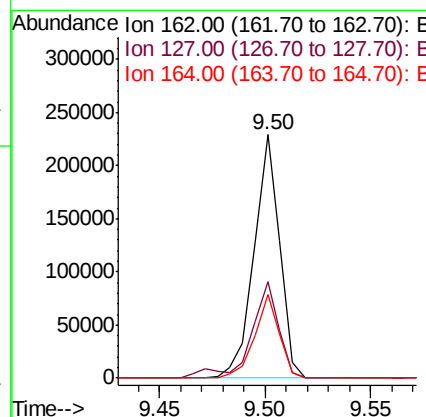
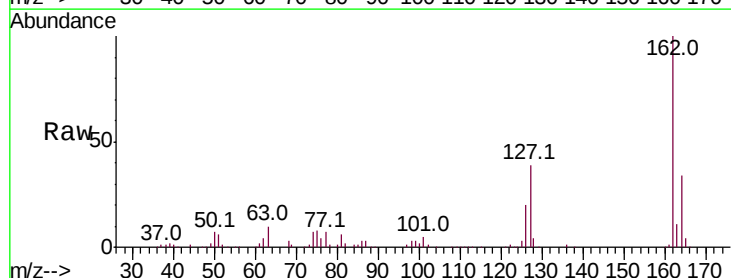
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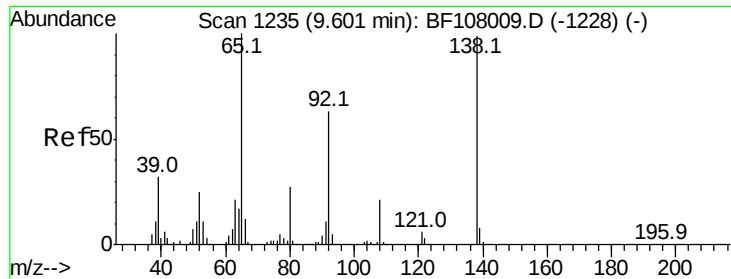
Sohil
 8/9/2018 5:01:39 PM



#46
 2-Chloronaphthalene
 Concen: 5.457 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	33.9	50.9	
164	34.4	26.5	39.7	





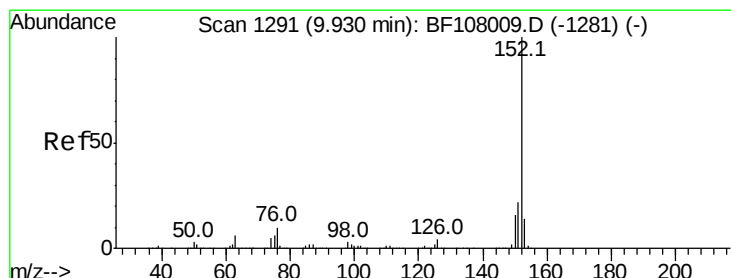
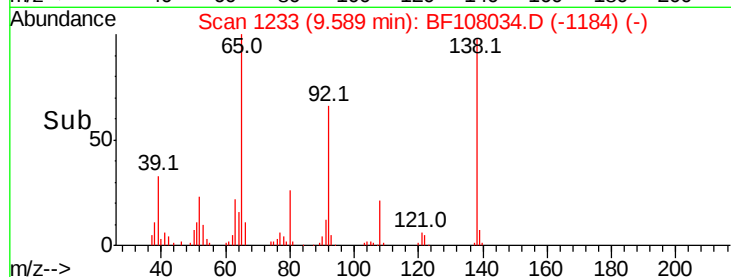
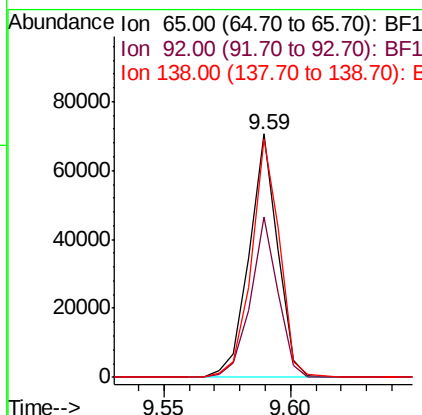
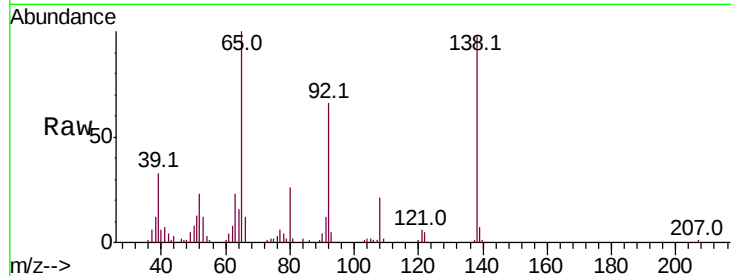
#47
2-Nitroaniline
Concen: 4.830 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	55.8	83.6
138	98.1	91.2	136.8

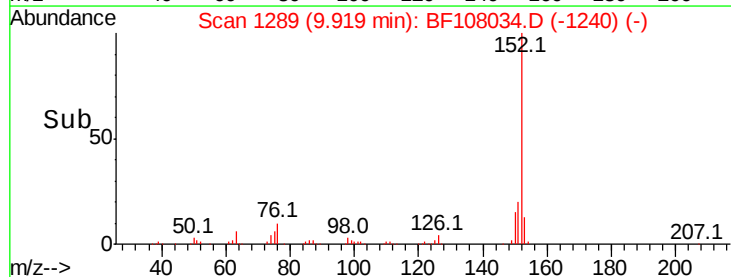
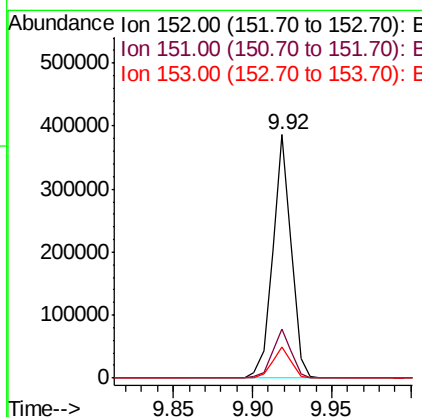
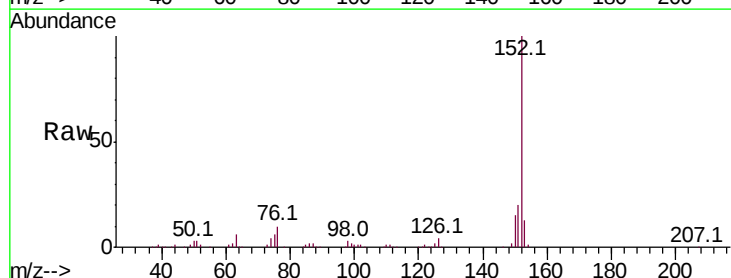
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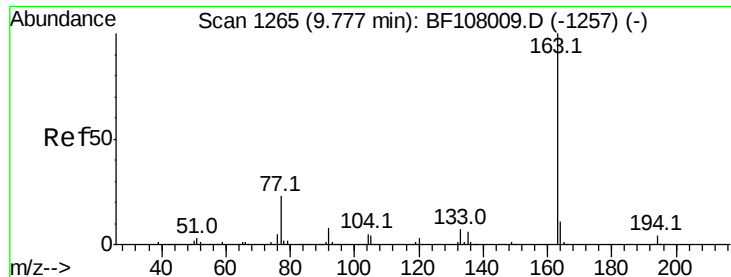
Sohil
8/9/2018 5:01:39 PM



#48
Acenaphthylene
Concen: 5.672 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.0	10.7	16.1





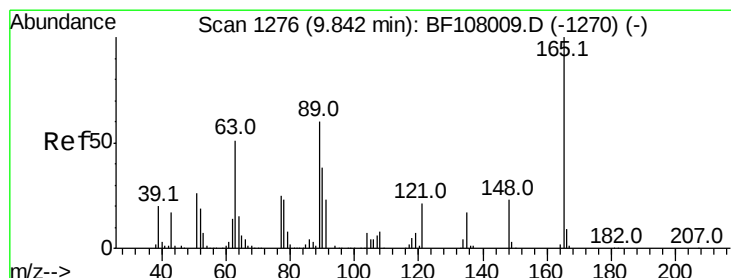
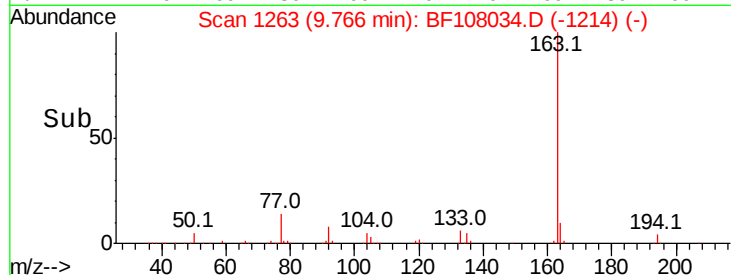
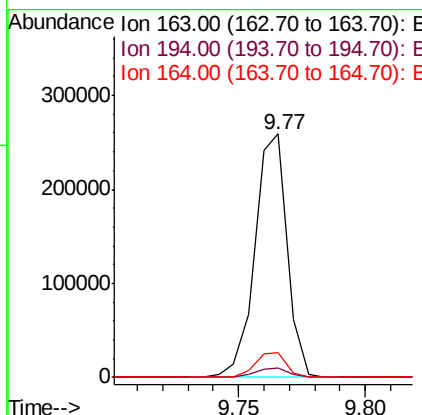
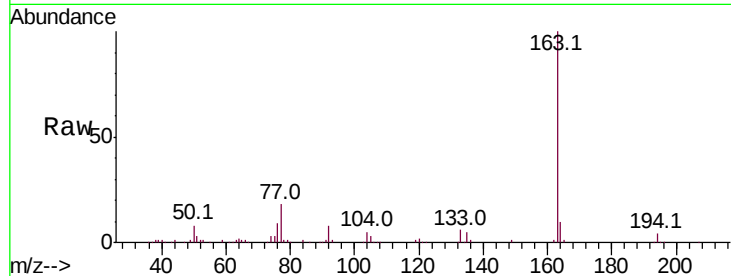
#49
 Dimethylphthalate
 Concen: 5.444 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion:	163	Resp:	229630
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

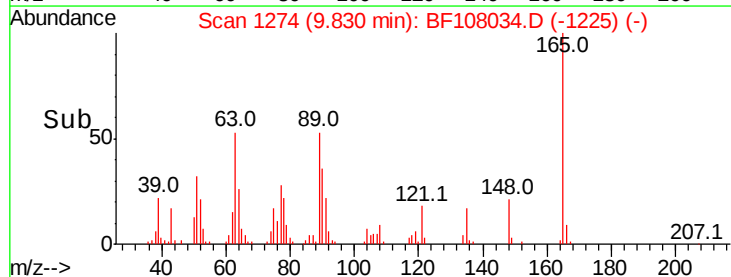
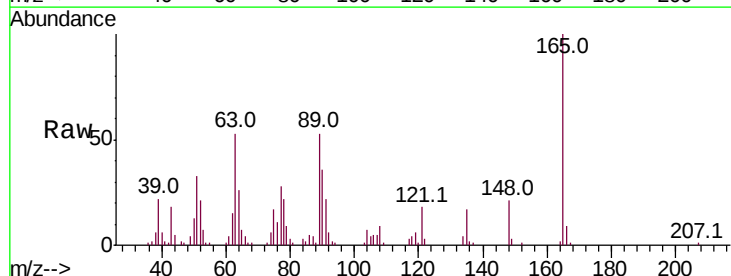
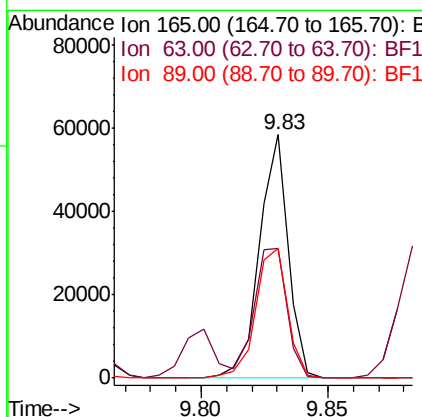
Manual Integrations
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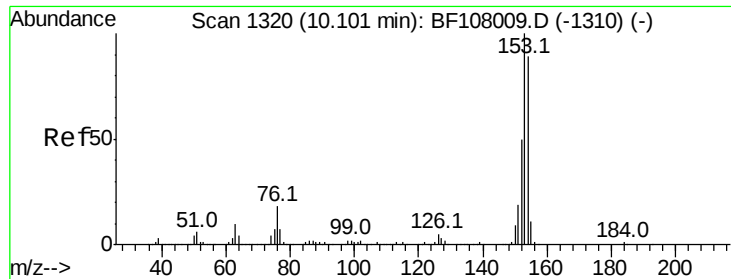
Sohil
 8/9/2018 5:01:39 PM



#50
 2,6-Dinitrotoluene
 Concen: 5.273 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion:	165	Resp:	46534
Ion Ratio	Lower	Upper	
165	100		
63	53.4	44.7	67.1
89	53.5	44.0	66.0





#51

Acenaphthene

Concen: 5.499 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

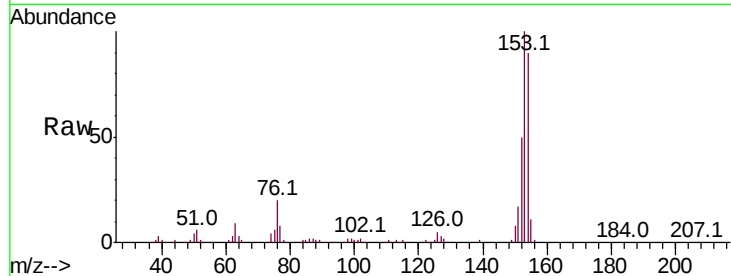
ClientSampleId :

MDL-WATER-03-QT3-2018

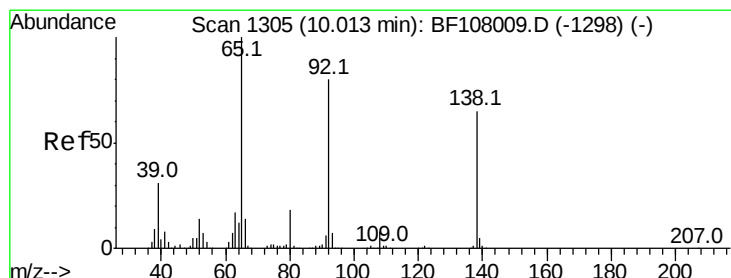
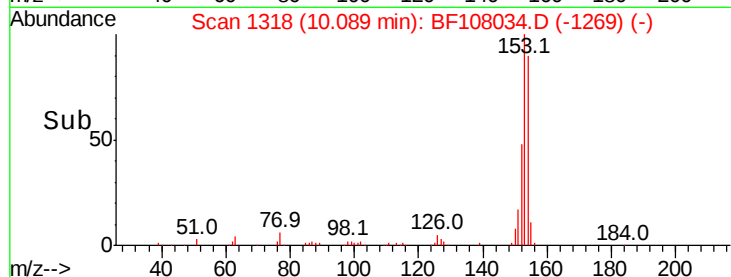
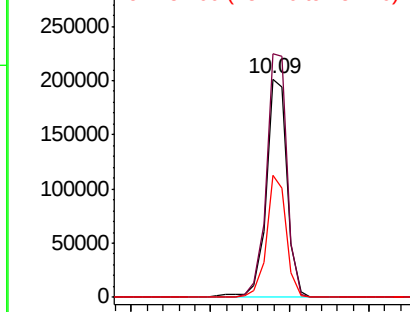
Tot Ion:	154	Resp:	187911
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.2	136.8
152	55.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 4.625 ng

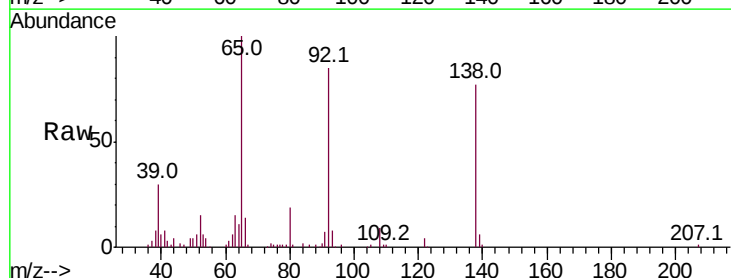
RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

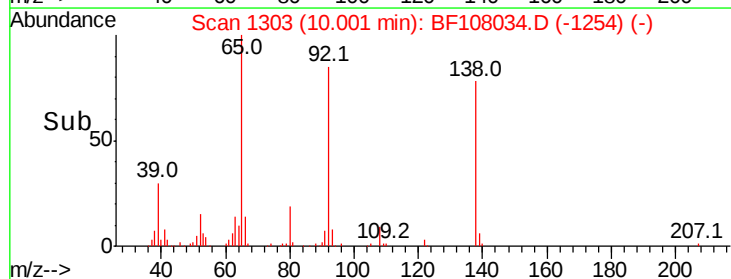
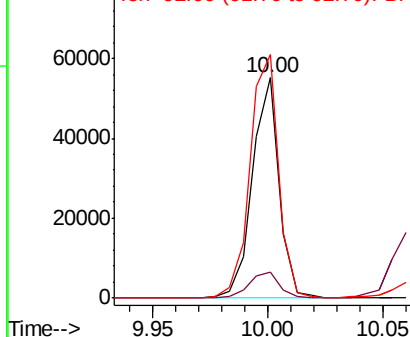
Lab File: BF108034.D

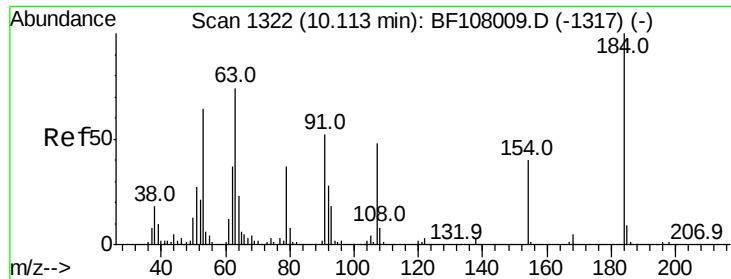
Acq: 8 Aug 2018 21:59

Tgt Ion:	138	Resp:	44661
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.4	14.0
92	110.5	89.4	134.2



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





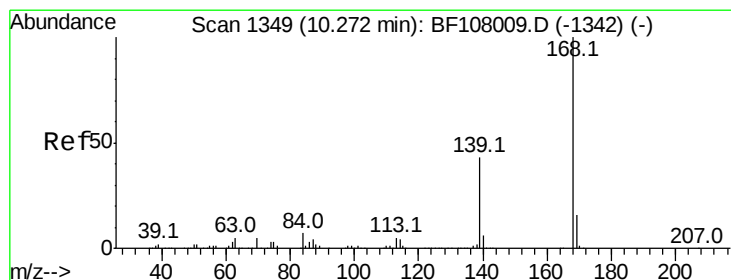
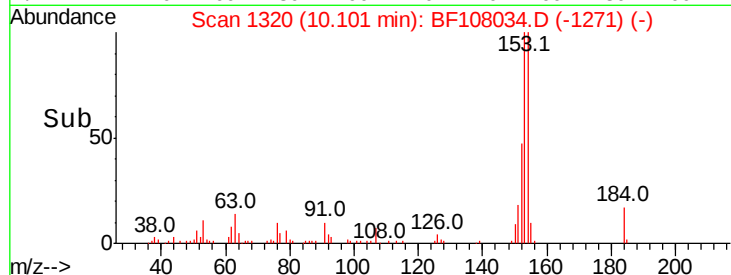
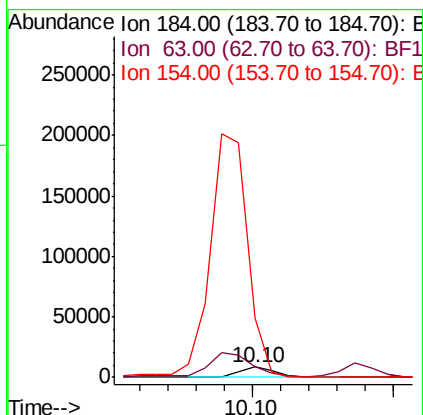
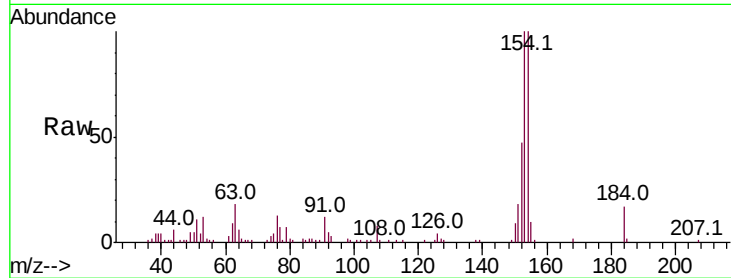
#53
2,4-Dinitrophenol
Concen: 8.981 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	108.2	54.2	81.2#
154	589.0	184.0	276.0#

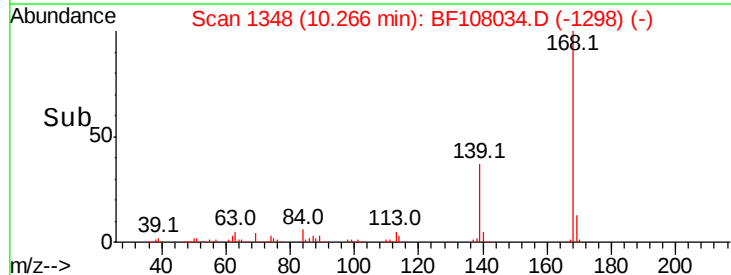
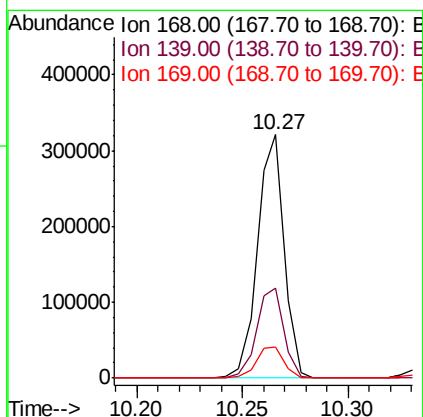
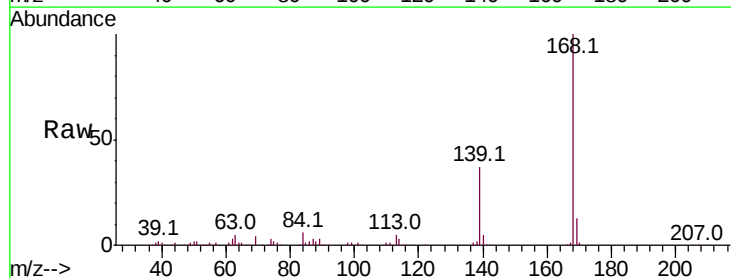
Manual Integrations
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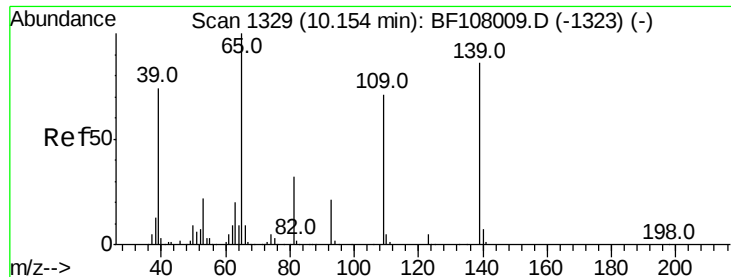
Sohil
8/9/2018 5:01:39 PM



#54
Dibenzofuran
Concen: 5.706 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	12.8	10.9	16.3





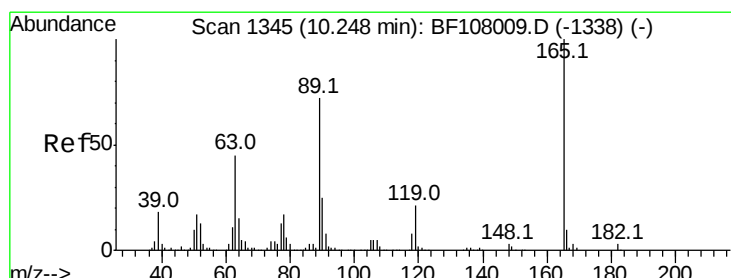
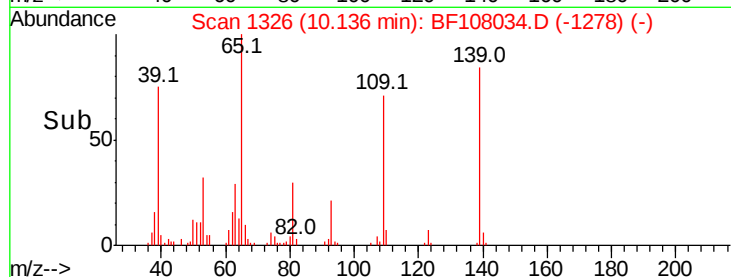
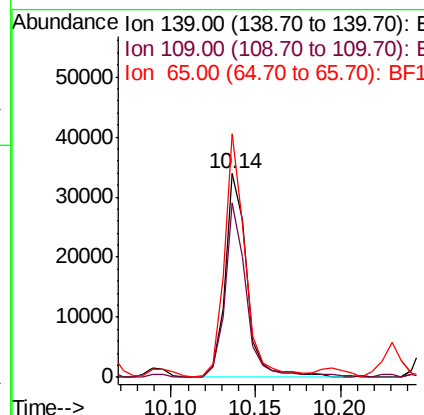
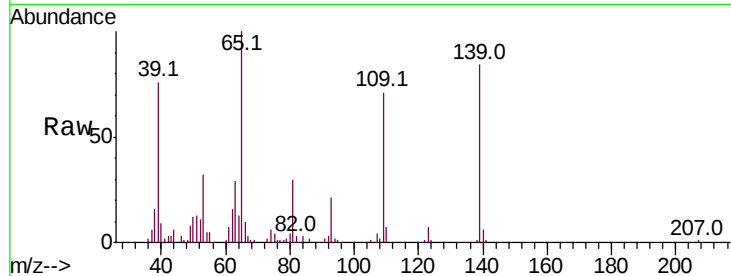
#55
4-Nitrophenol
Concen: 4.149 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	85.6	48.4	88.4
65	119.7	72.6	112.6

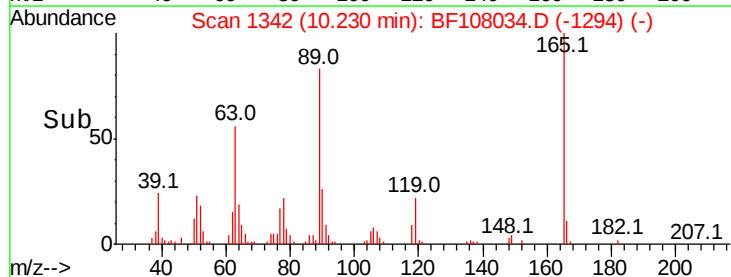
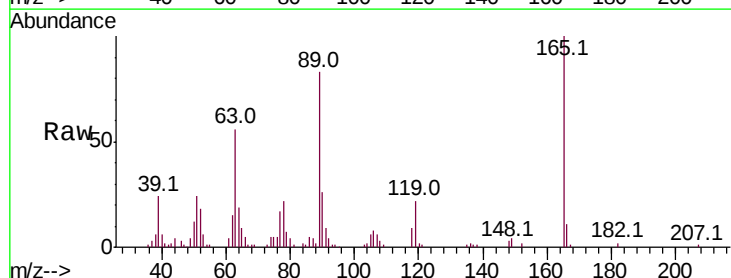
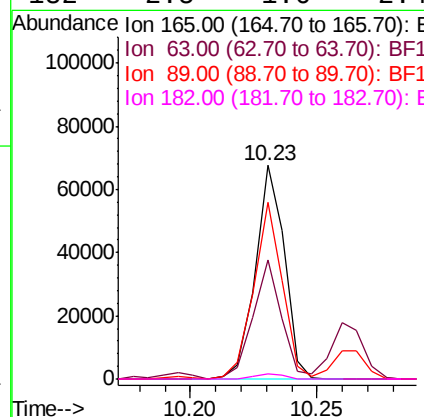
Manual Integrations
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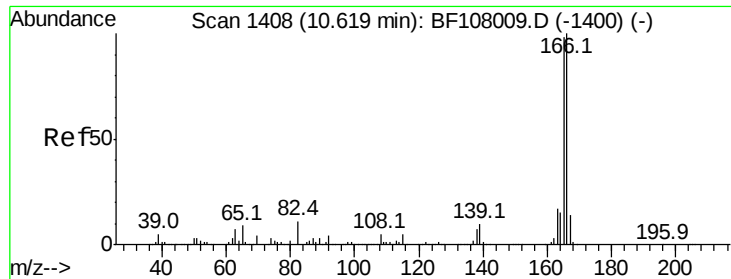
Sohil
8/9/2018 5:01:39 PM



#56
2,4-Dinitrotoluene
Concen: 4.759 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.0	36.4	54.6
89	82.5	57.8	86.6
182	2.5	1.6	2.4





#57

Fluorene

Concen: 5.675 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

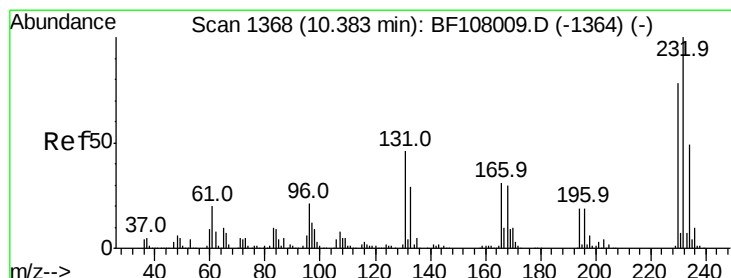
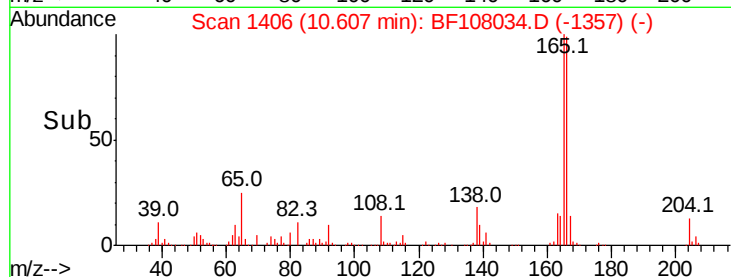
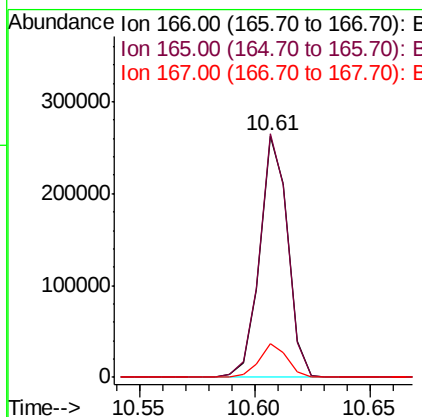
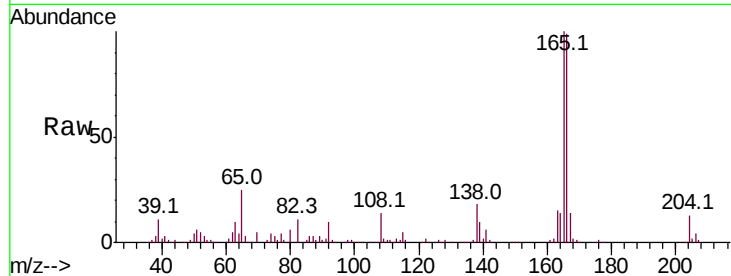
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	166	Resp:	222409
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.8	119.8
167	13.9	10.6	16.0

Manual Integrations
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8/9/2018 5:01:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.749 ng

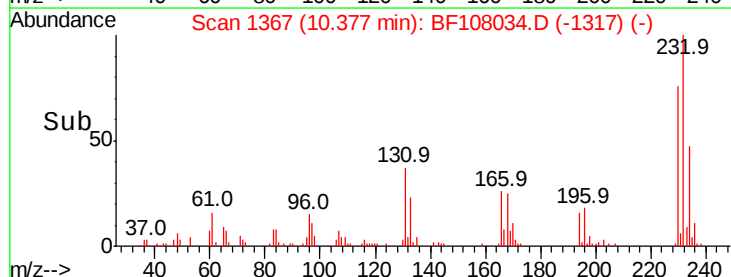
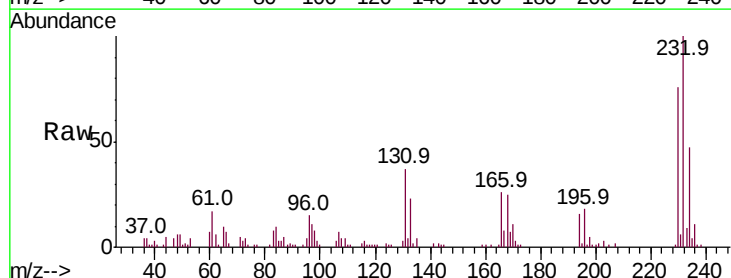
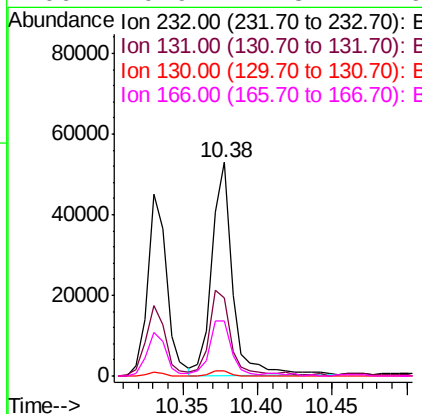
RT: 10.38 min Scan# 1367

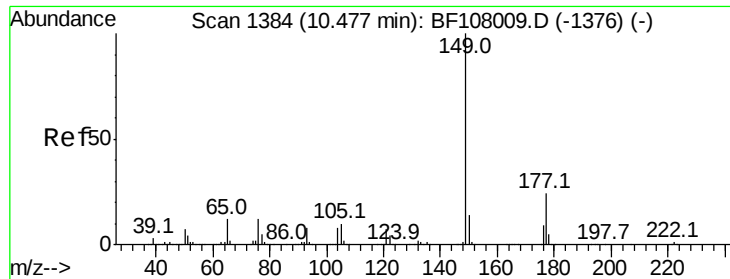
Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion:	232	Resp:	50418
Ion Ratio	Lower	Upper	
232	100		
131	44.2	43.8	65.8
130	2.4	2.1	3.1
166	29.9	27.8	41.6





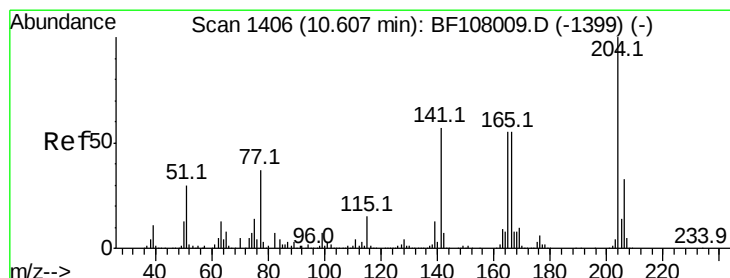
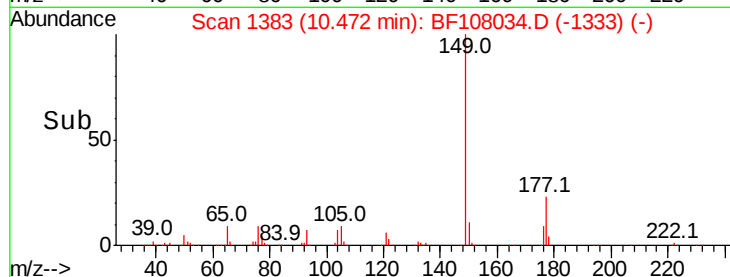
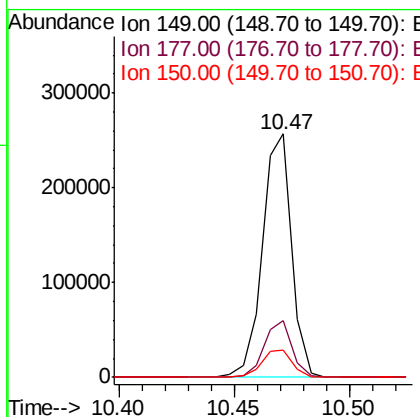
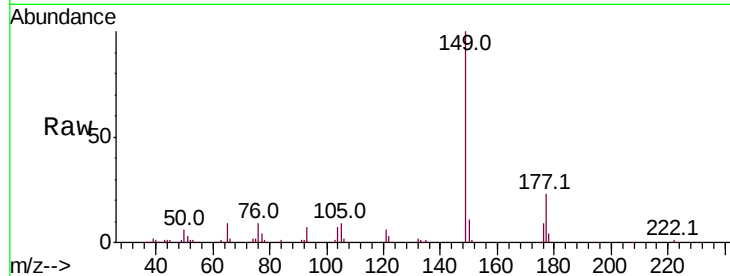
#59
Diethylphthalate
Concen: 5.533 ng
RT: 10.47 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	226020		
177	23.1	16.1	24.1	
150	11.5	10.1	15.1	

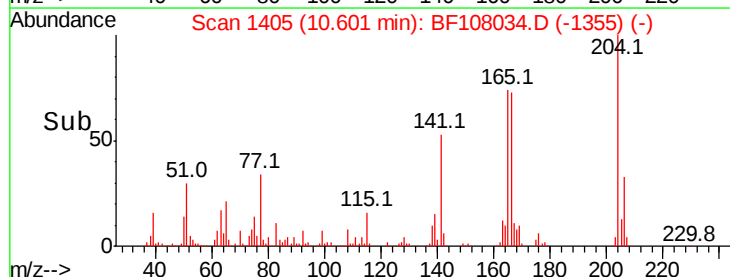
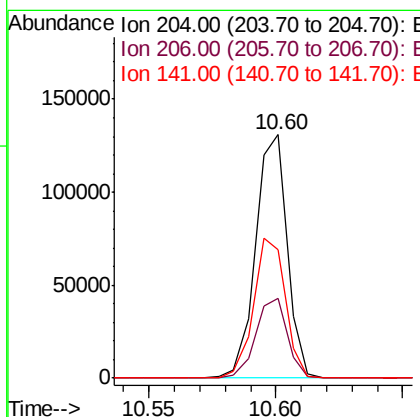
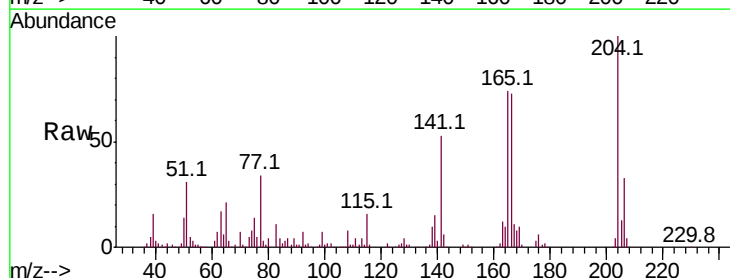
Manual Integrations
APPROVED

Sohil
8/9/2018 5:01:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 5.598 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	114304		
206	33.0	26.5	39.7	
141	52.7	54.6	81.8#	





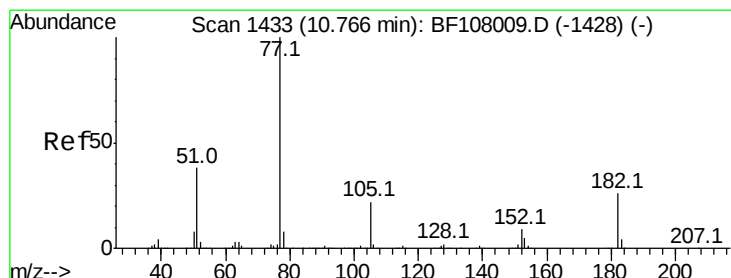
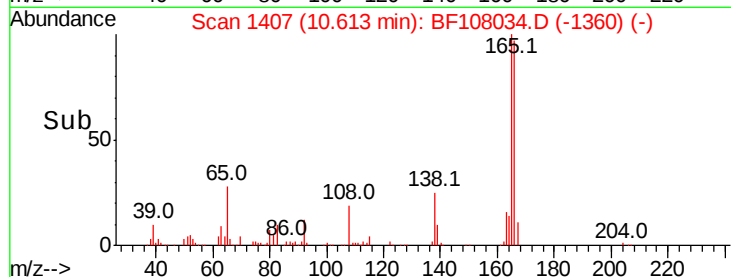
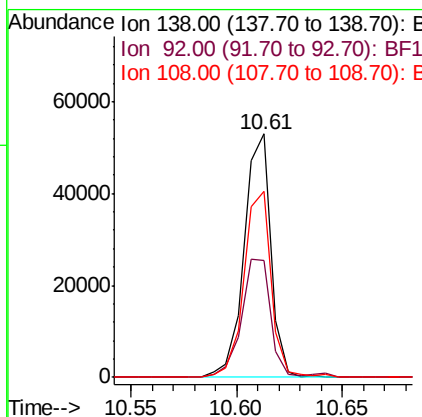
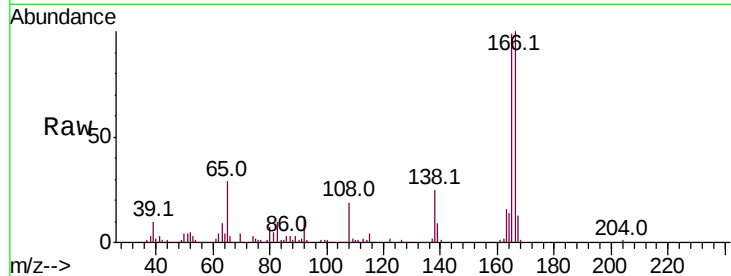
#61
4-Nitroaniline
Concen: 4.859 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	76.2	52.5	92.5

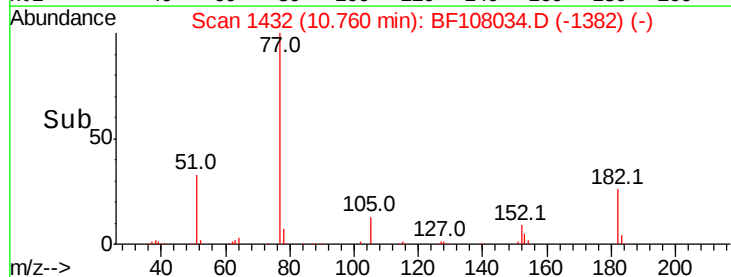
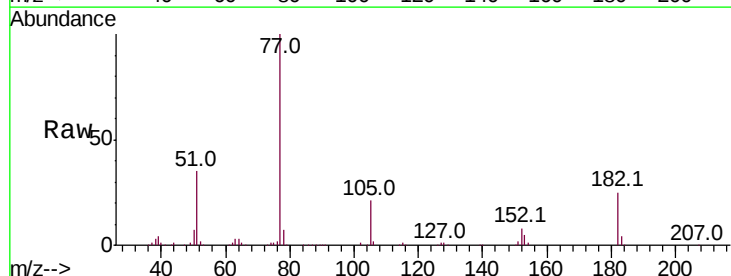
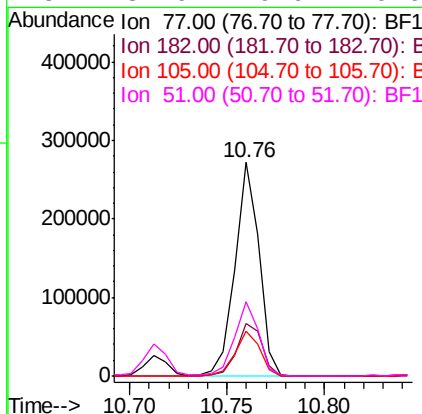
Manual Integrations
APPROVED

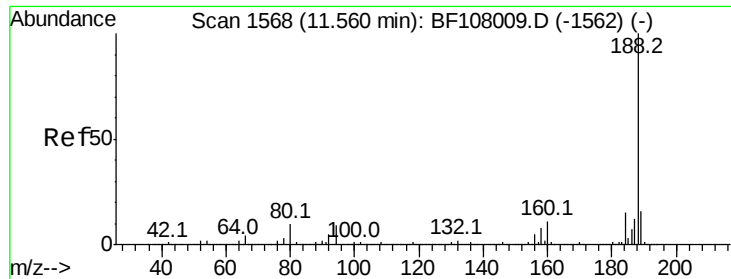
Sohil
8/9/2018 5:01:39 PM



#62
Azobenzene
Concen: 5.518 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	1.7	41.7
105	21.2	3.0	43.0
51	34.9	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: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:188 Resp: 1246035

Ion Ratio Lower Upper

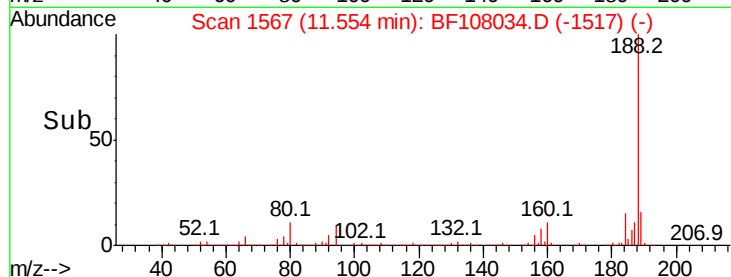
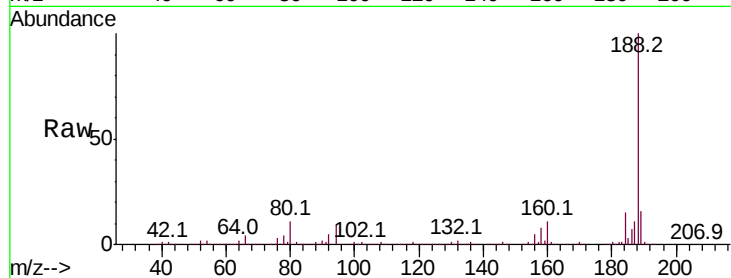
188 100

94 9.4 8.5 12.7

80 10.7 9.2 13.8

Manual Integrations
APPROVED

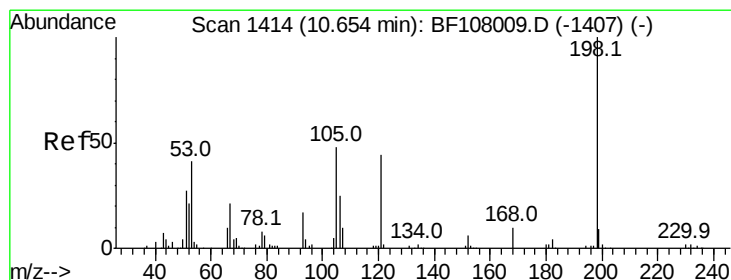
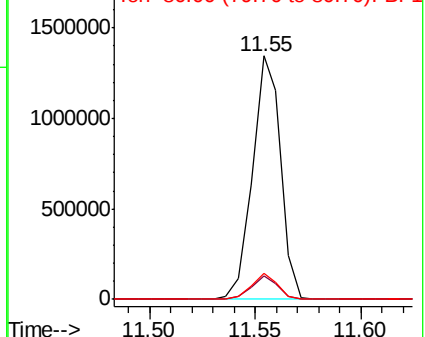
Sohil
8/9/2018 5:01:39 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 7.940 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

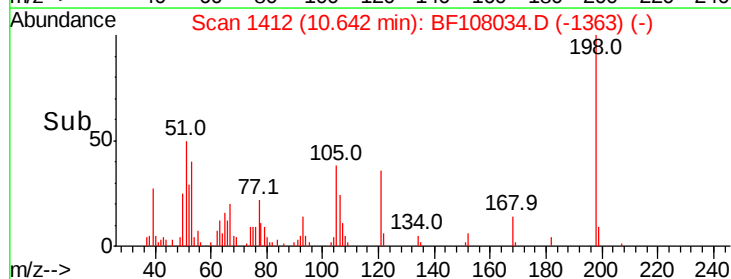
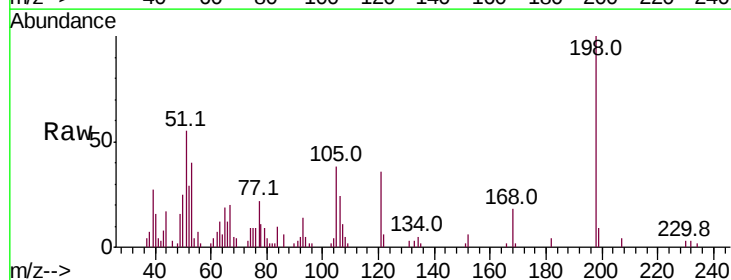
Tgt Ion:198 Resp: 13591

Ion Ratio Lower Upper

198 100

51 55.3 37.7 77.7

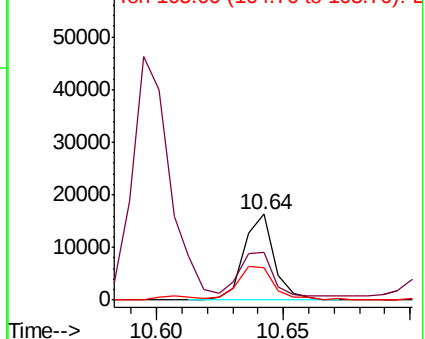
105 38.0 36.3 76.3

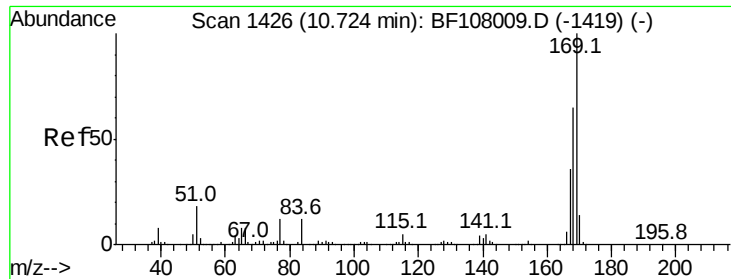


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





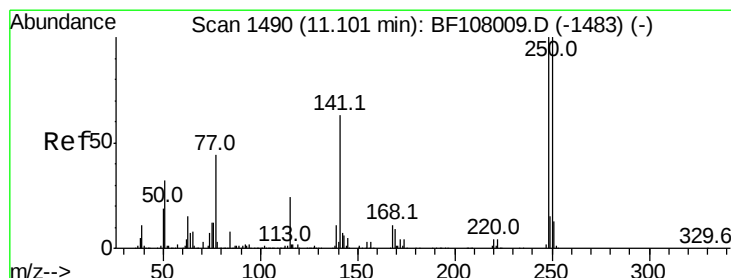
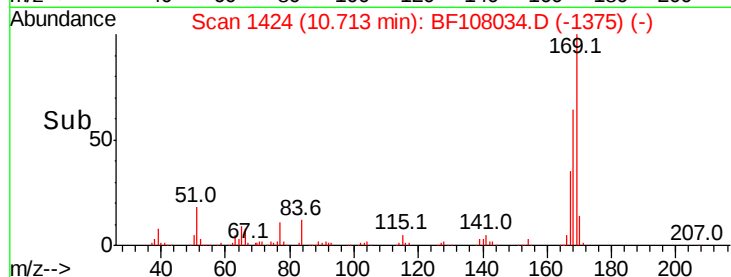
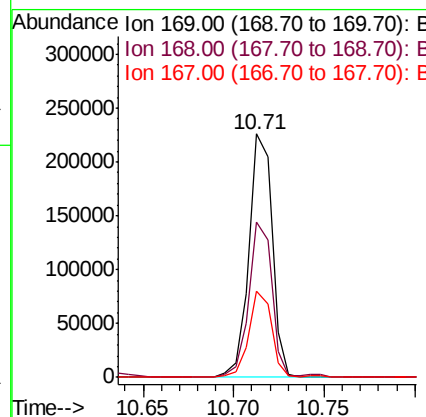
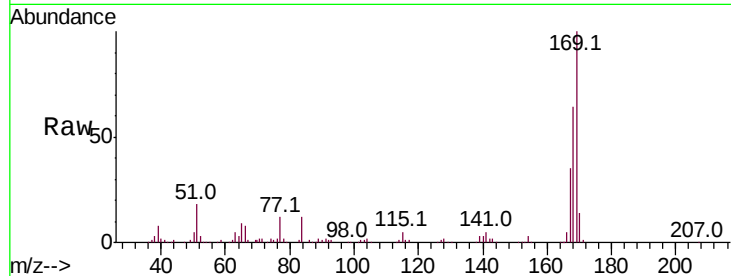
#65
n-Nitrosodiphenylamine
Concen: 5.490 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	202151		
168	63.8	54.4	81.6	
167	35.3	29.8	44.6	

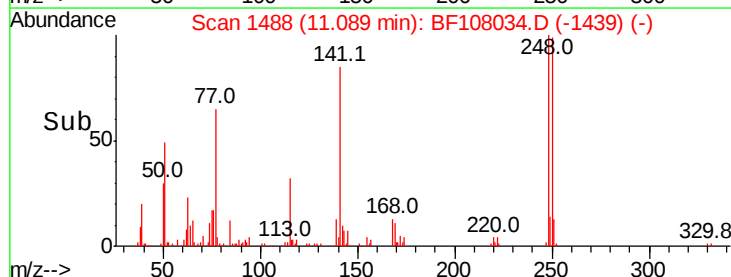
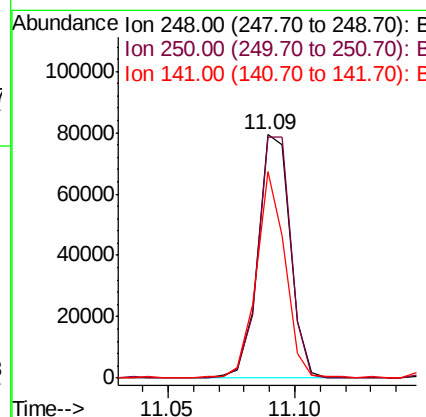
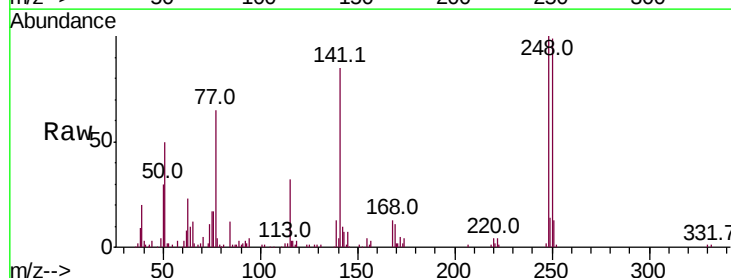
Manual Integrations
APPROVED

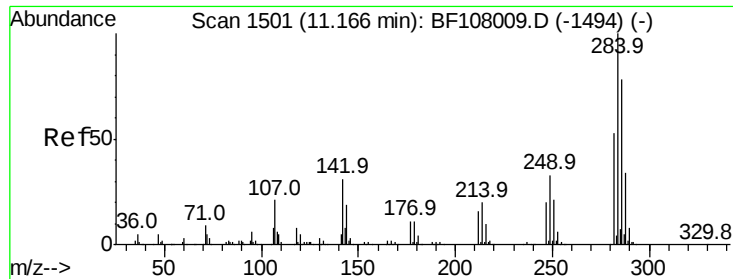
Sohil
8/9/2018 5:01:39 PM



#66
4-Bromophenyl-phenylether
Concen: 5.227 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70782		
250	99.3	76.9	115.3	
141	84.8	74.4	111.6	





#67

Hexachlorobenzene

Concen: 5.263 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

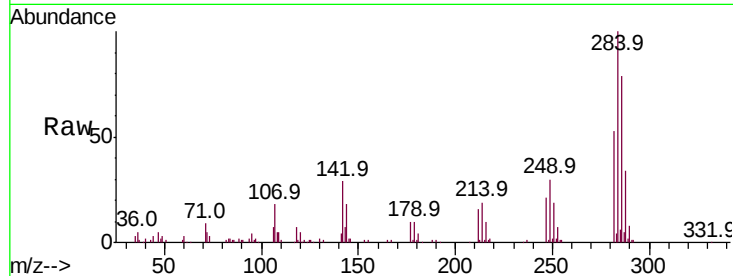
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
284	100	74988		
142	28.5		34.6	52.0#
249	29.7		24.8	37.2

Manual Integrations
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Sohil
8/9/2018 5:01:39 PM

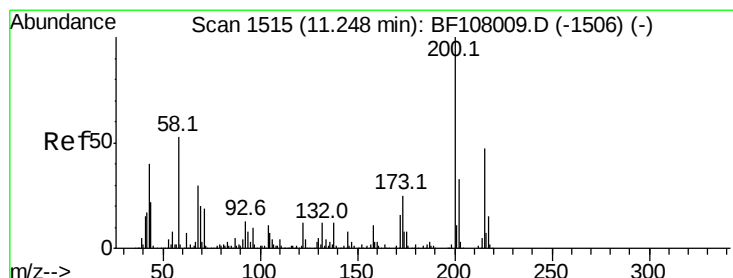
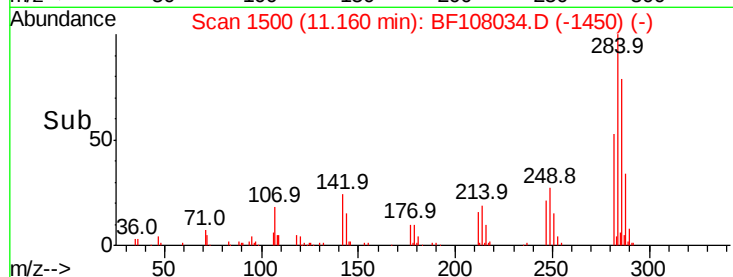
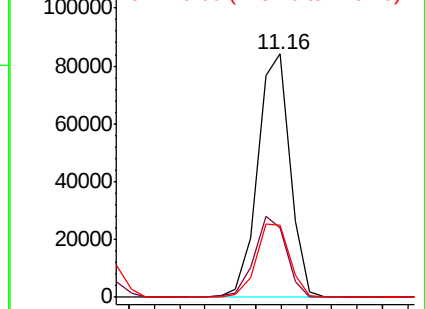


Abundance

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: 5.101 ng

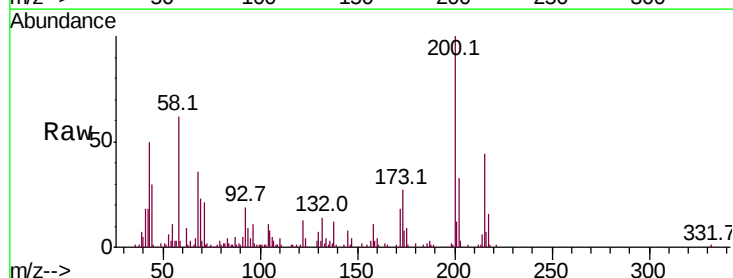
RT: 11.23 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	62999		
173	26.9		8.6	48.6
215	44.2		25.1	65.1

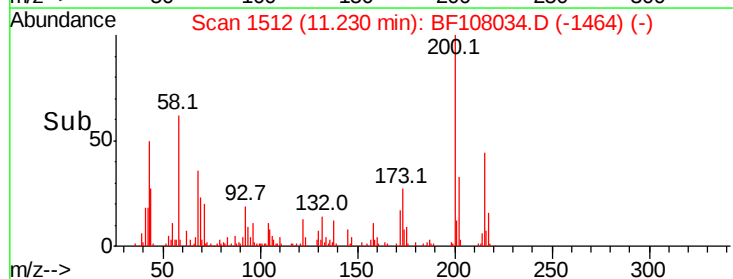
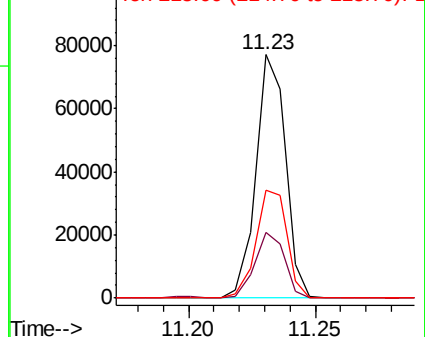


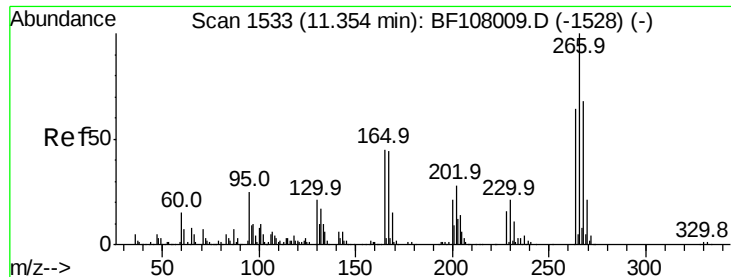
Abundance

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





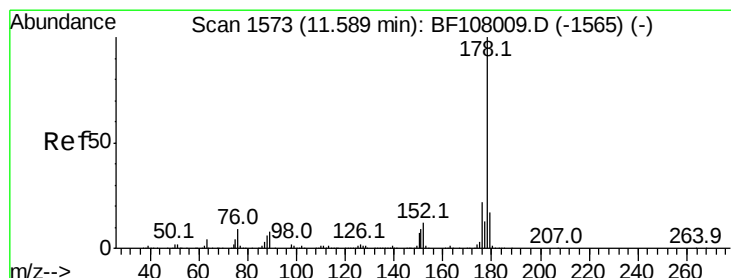
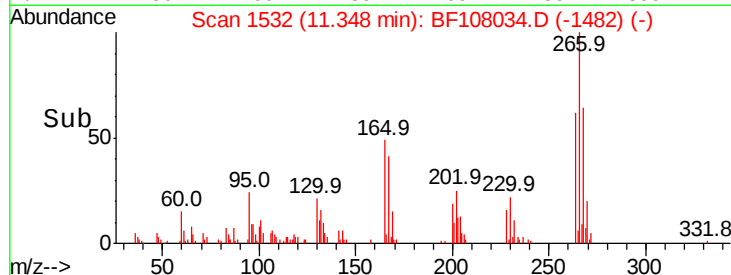
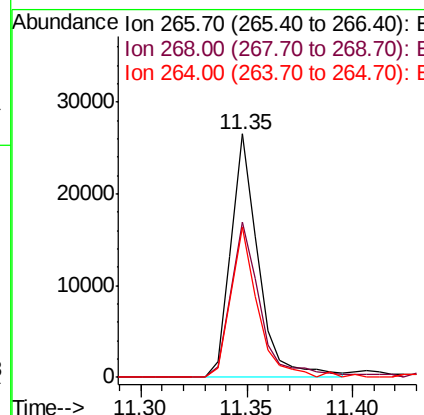
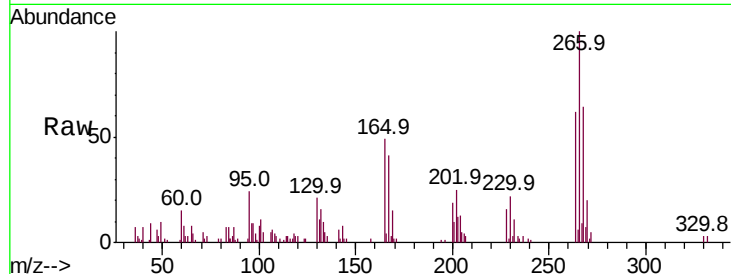
#69
 Pentachlorophenol
 Concen: 3.515 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	23967		
268	64.0	51.1	76.7	
264	61.6	49.5	74.3	

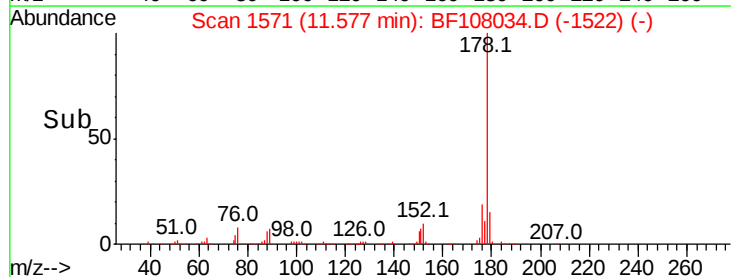
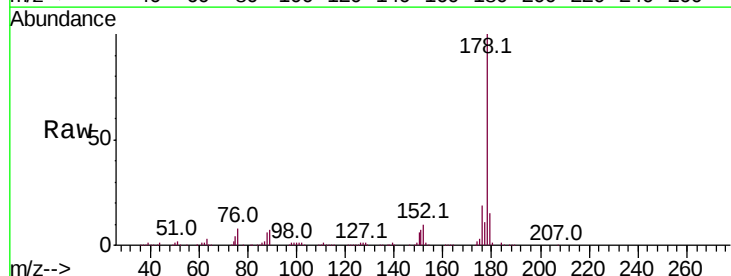
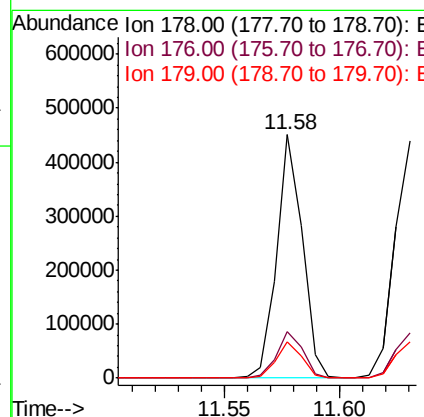
Manual Integrations
 APPROVED

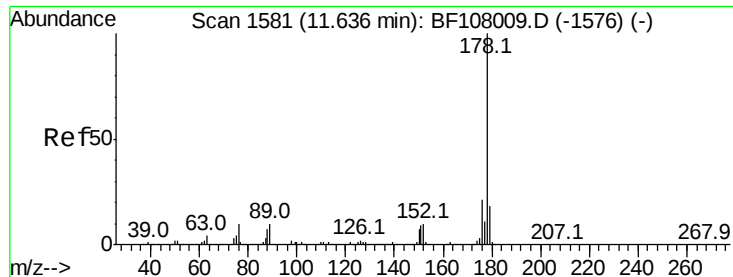
Sohil
 8/9/2018 5:01:39 PM



#70
 Phenanthrene
 Concen: 5.896 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	346498		
176	19.2	15.8	23.8	
179	14.8	13.0	19.6	





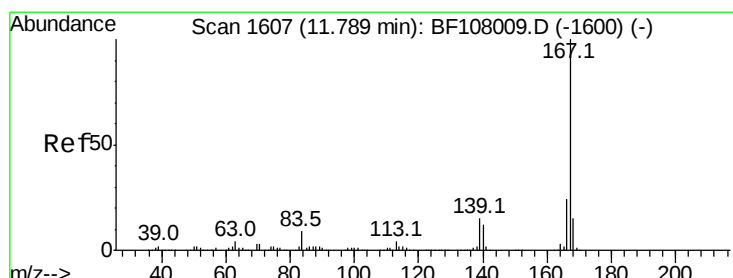
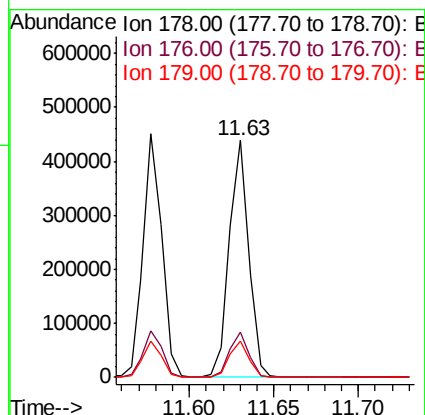
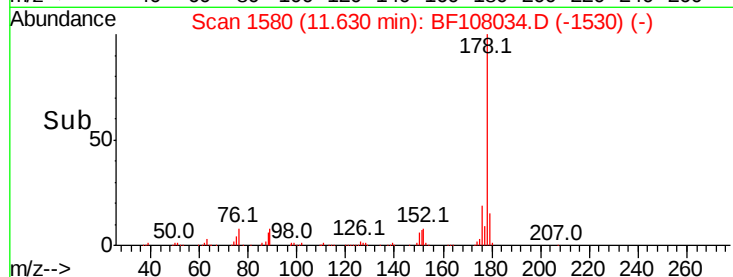
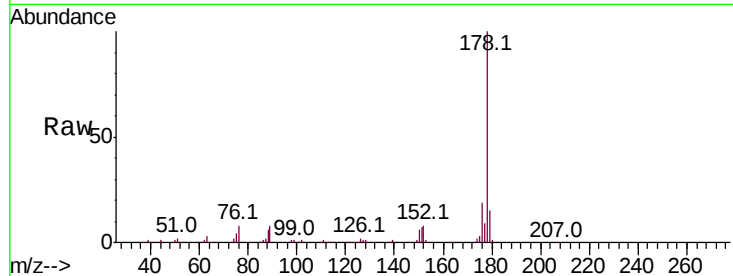
#71
 Anthracene
 Concen: 5.834 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0

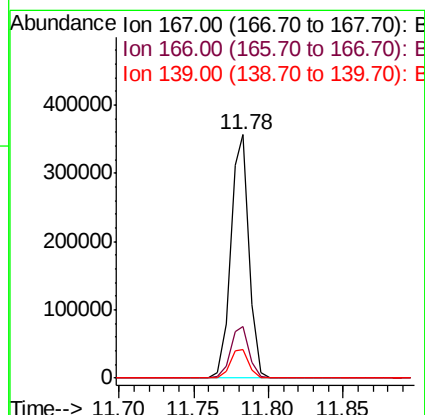
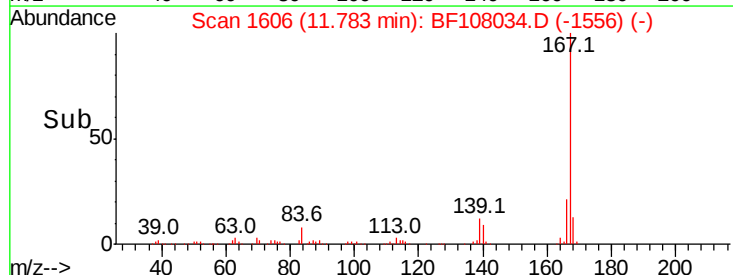
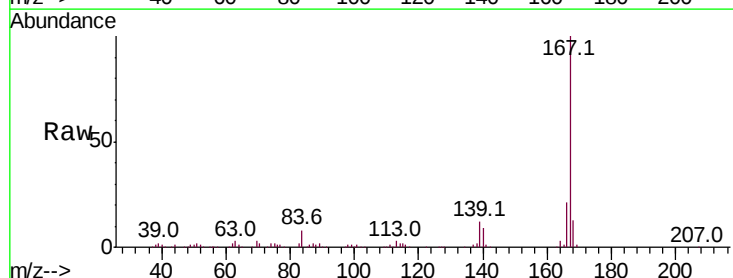
Manual Integrations
 APPROVED

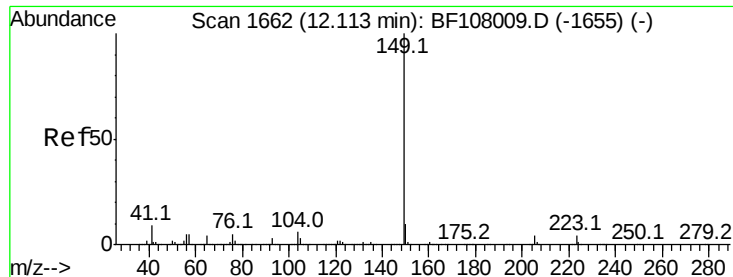
Sohil
 8/9/2018 5:01:39 PM



#72
 Carbazole
 Concen: 5.784 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	11.6	10.9	16.3





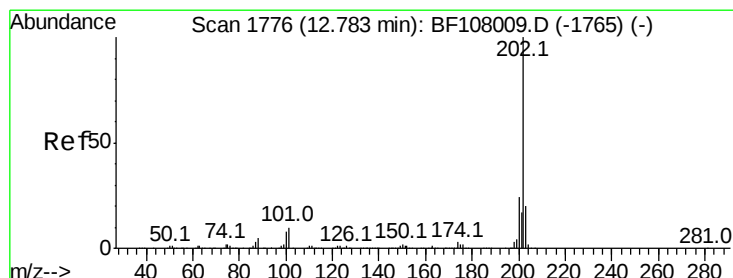
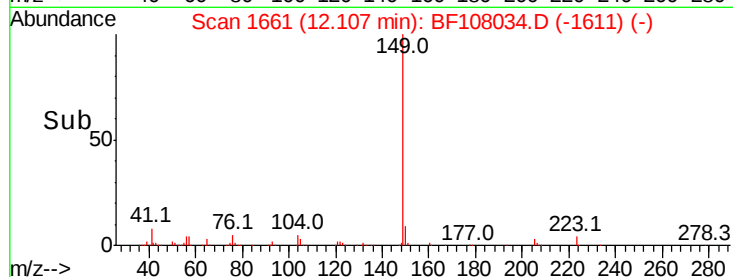
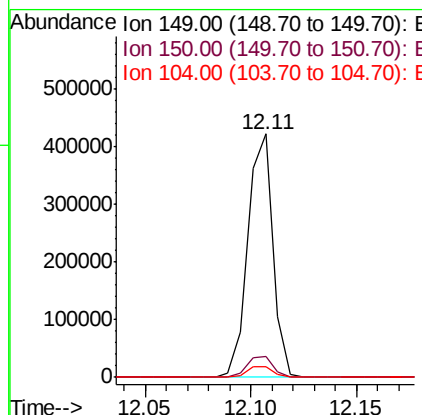
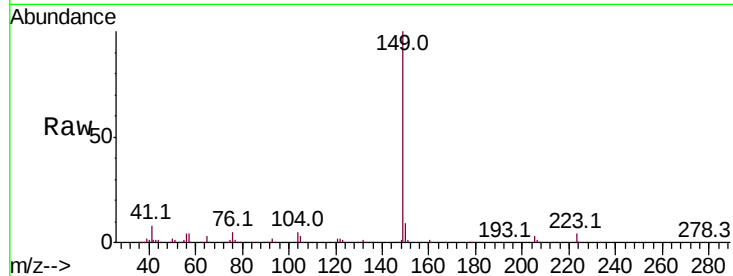
#73
Di-n-butylphthalate
Concen: 5.707 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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	4.6	3.8	5.8	

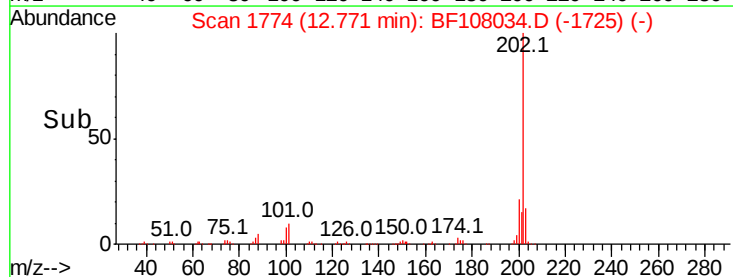
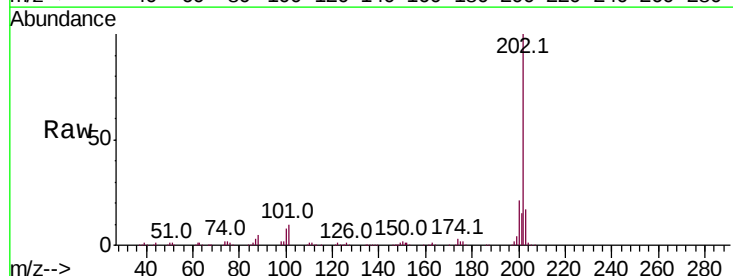
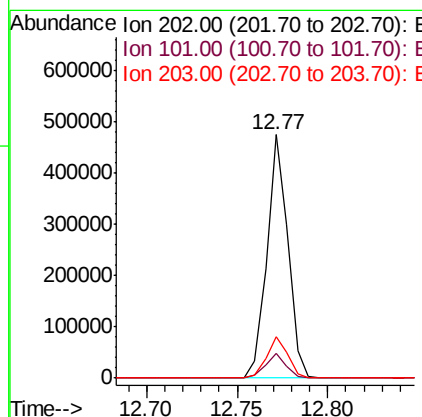
Manual Integrations
APPROVED

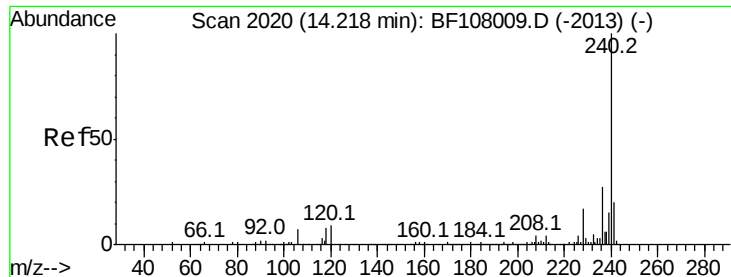
Sohil
8/9/2018 5:01:39 PM



#74
Fluoranthene
Concen: 5.949 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.9	0.0	34.1	
203	17.0	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: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:240 Resp: 1110957

Ion Ratio Lower Upper

240 100

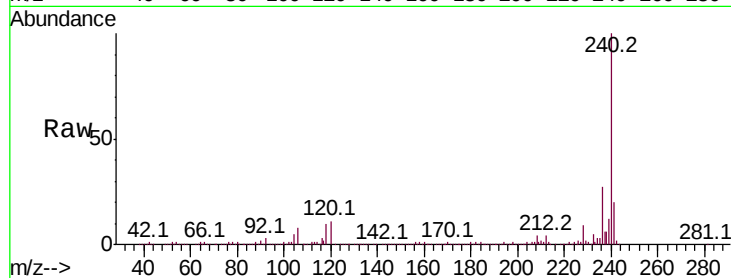
120 11.1 9.5 14.3

236 26.7 20.7 31.1

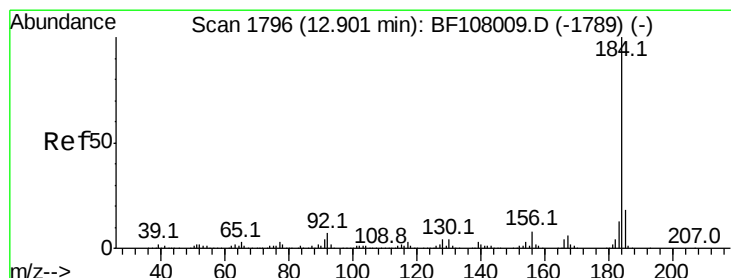
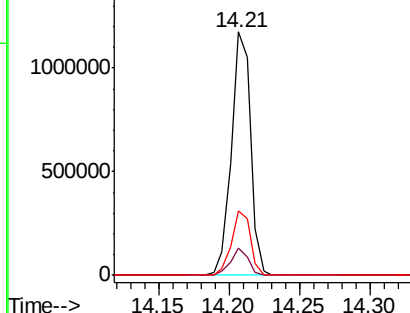
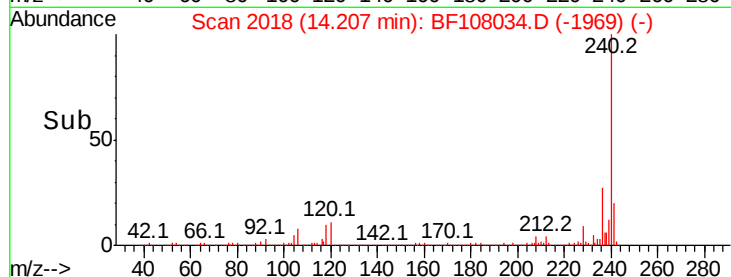
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.594 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

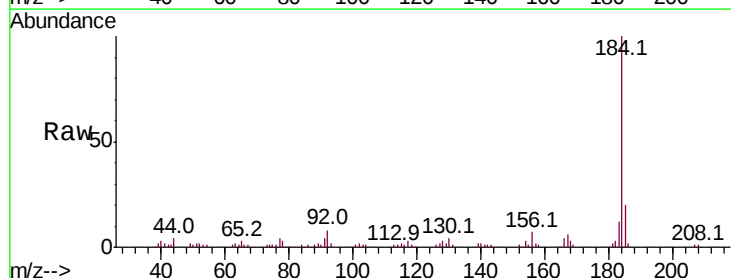
Tgt Ion:184 Resp: 66169

Ion Ratio Lower Upper

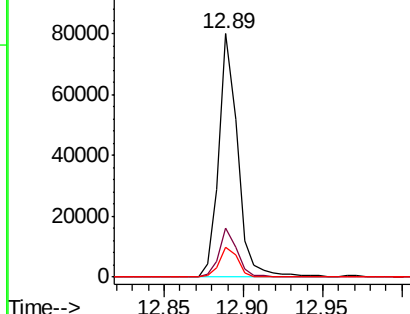
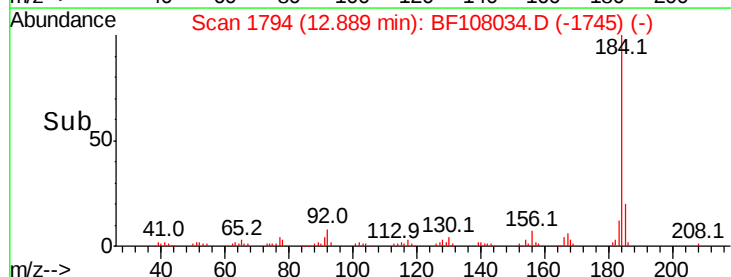
184 100

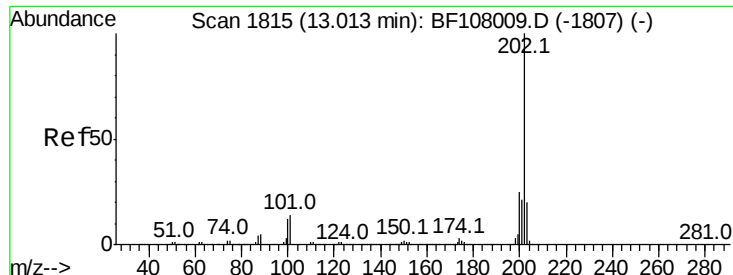
185 19.9 12.6 18.8#

183 12.4 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





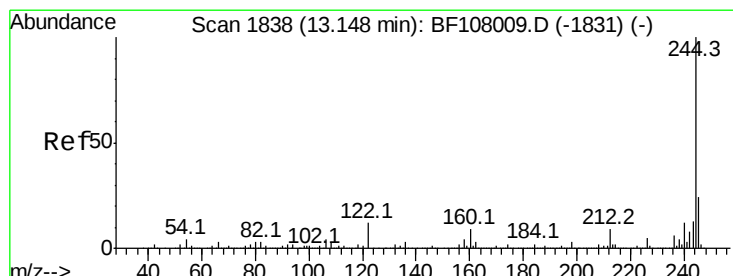
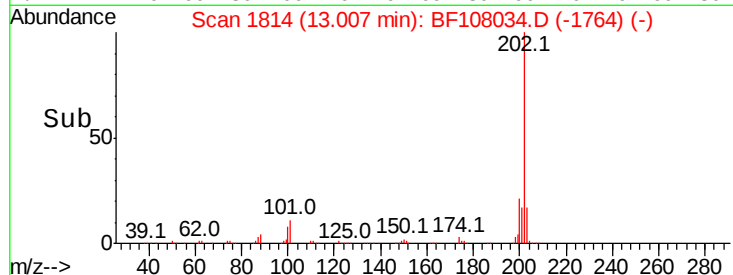
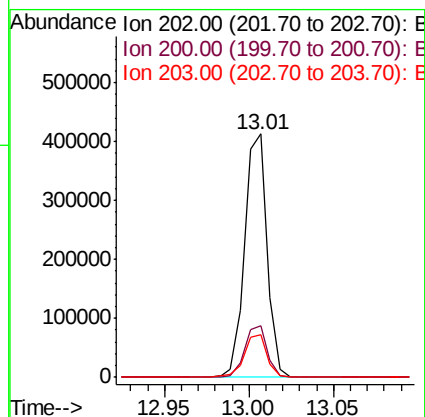
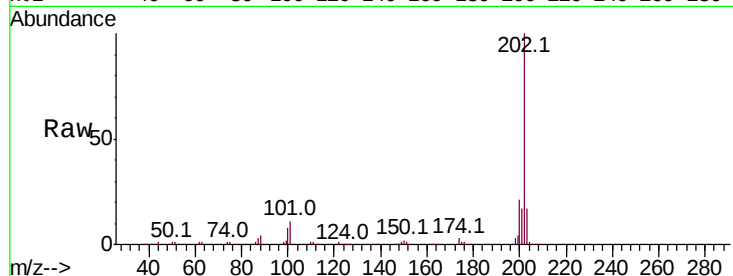
#77
Pvrene
Concen: 5.430 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

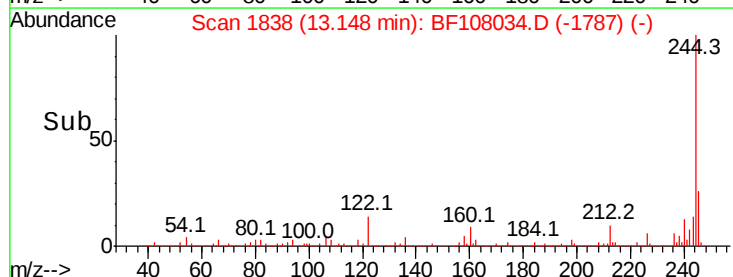
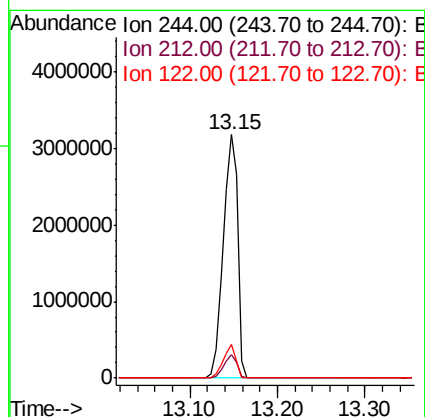
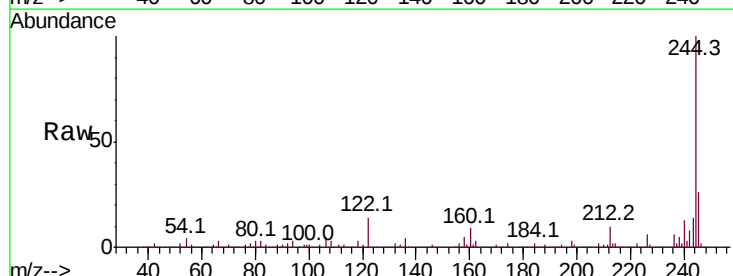
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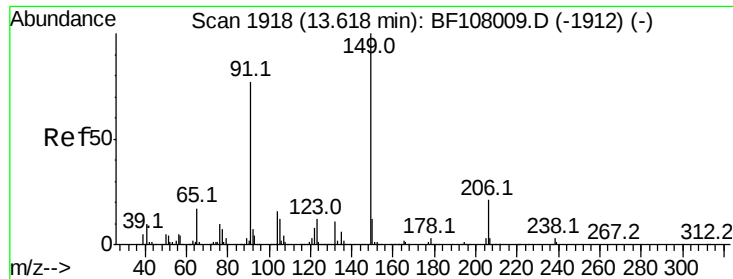
Sohil
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#78
Terphenyl-d14
Concen: 83.383 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.8	5.4	8.0#
122	13.9	11.0	16.4





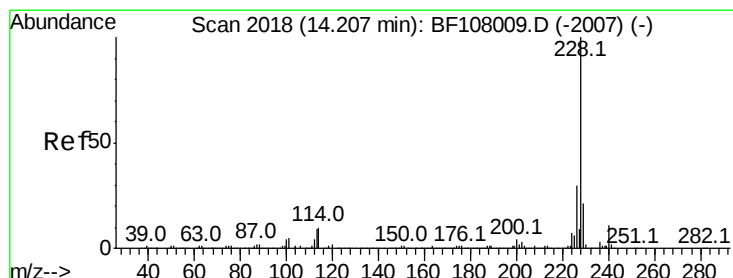
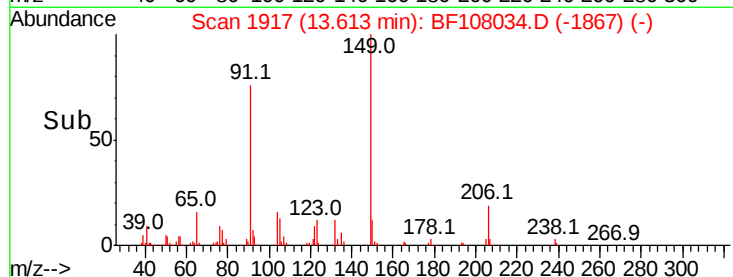
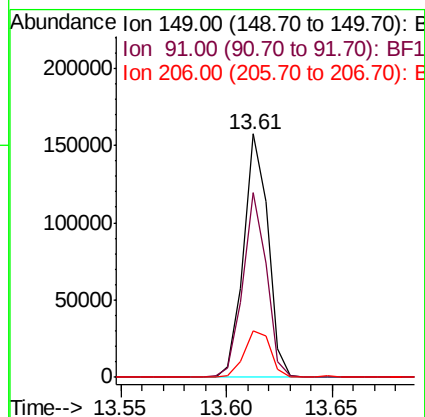
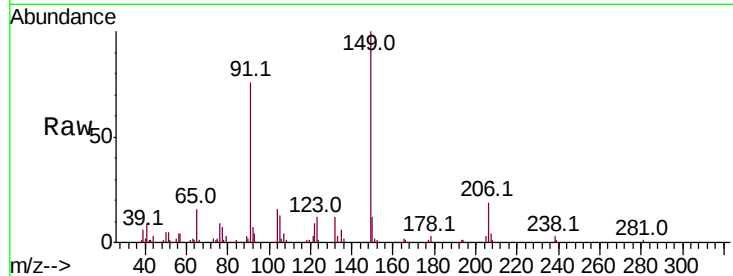
#79
 Butylbenzylphthalate
 Concen: 4.501 ng
 RT: 13.61 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	125721		
91	75.9	56.8	85.2	
206	19.1	14.1	21.1	

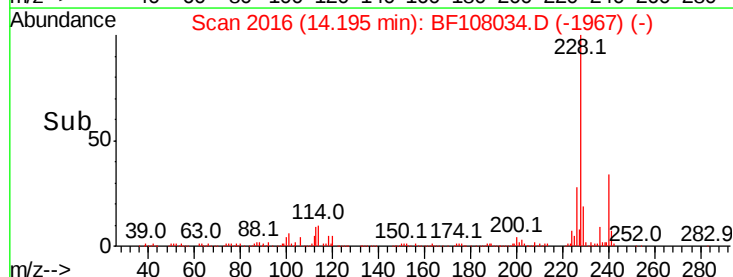
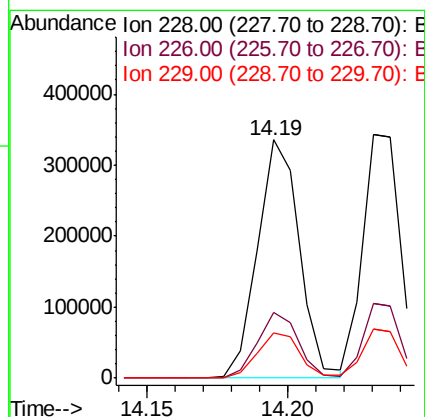
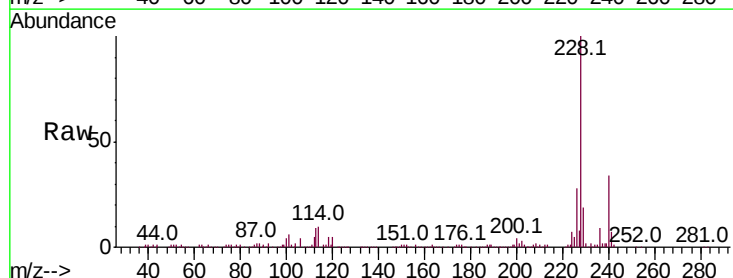
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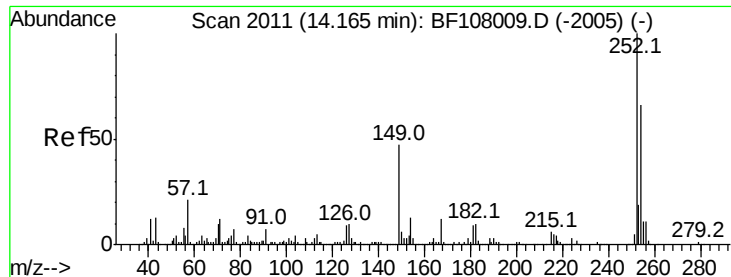
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#80
 Benzo(a)anthracene
 Concen: 5.419 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	345471		
226	27.5	22.6	33.8	
229	18.9	15.8	23.6	





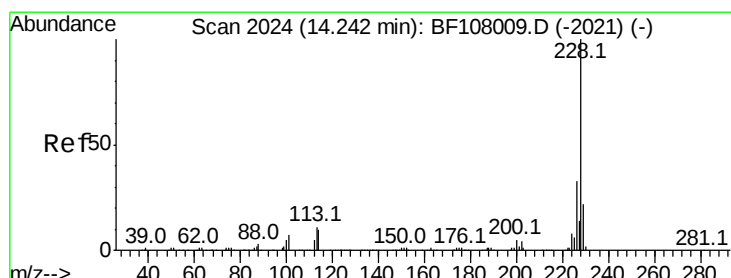
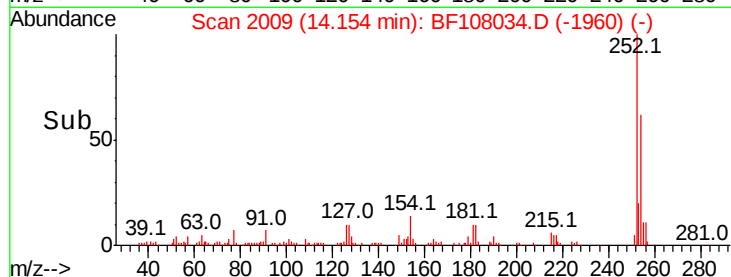
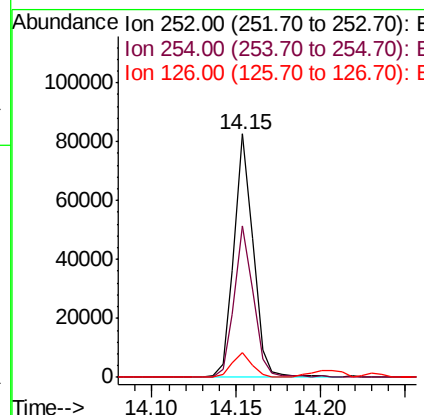
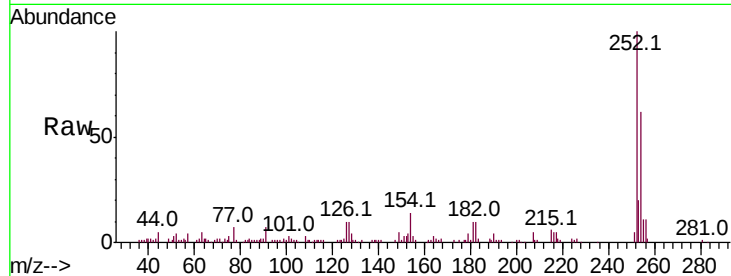
#81
 3,3'-Dichlorobenzidine
 Concen: 2.875 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	65689		
254	62.1		50.4	75.6
126	9.9		11.3	16.9

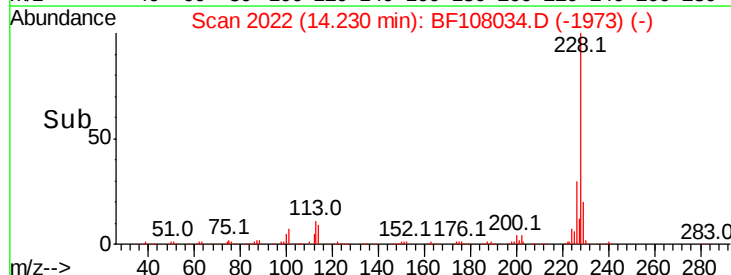
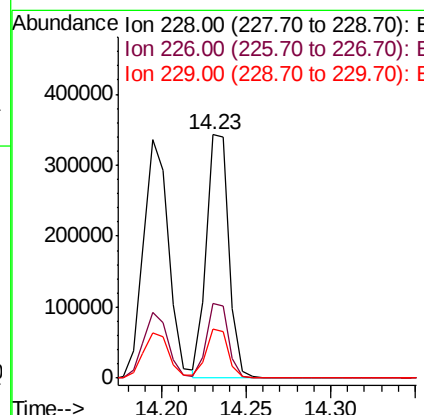
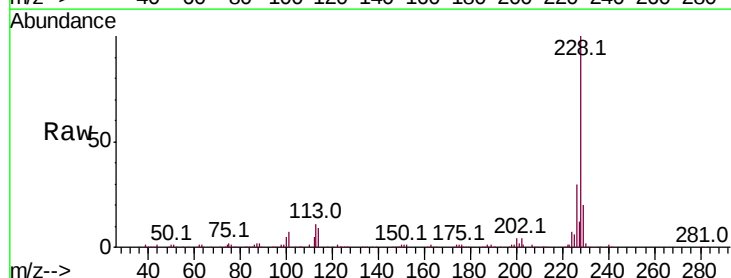
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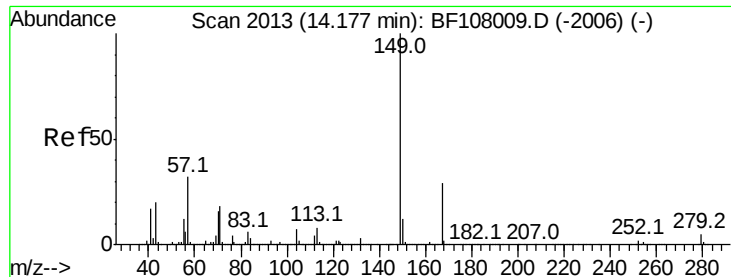
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#82
 Chrysene
 Concen: 5.455 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	318875		
226	30.4		25.0	37.6
229	20.1		16.2	24.4





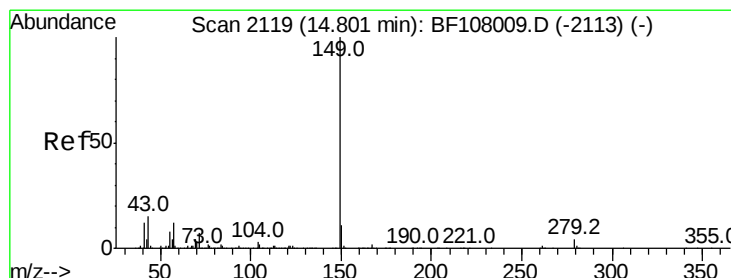
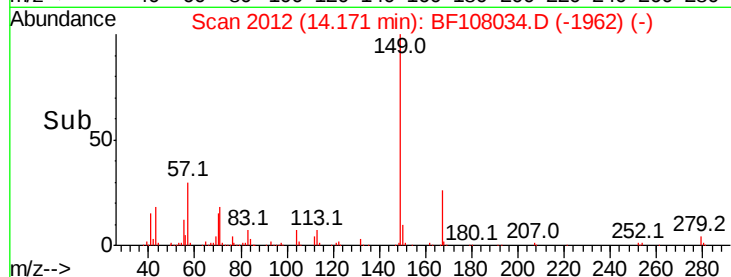
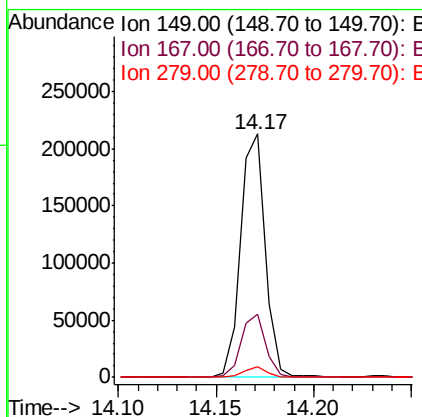
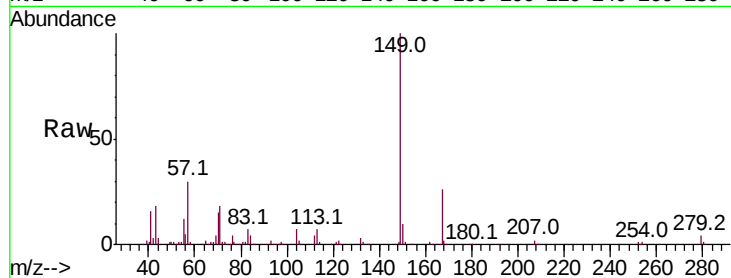
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.947 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	187109		
167	25.9	21.3	31.9	
279	4.3	3.0	4.4	

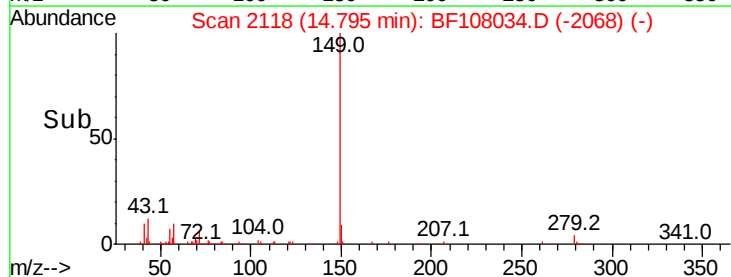
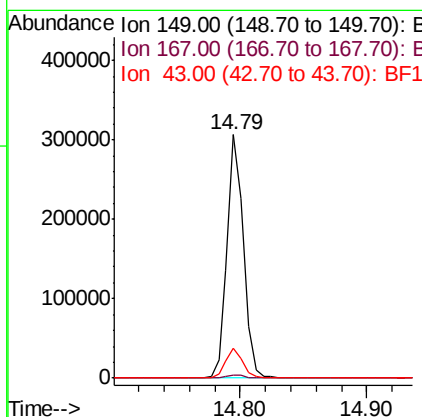
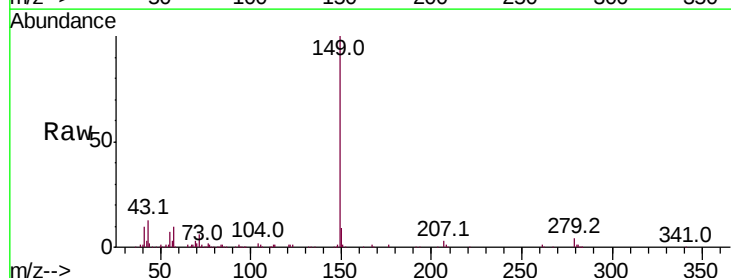
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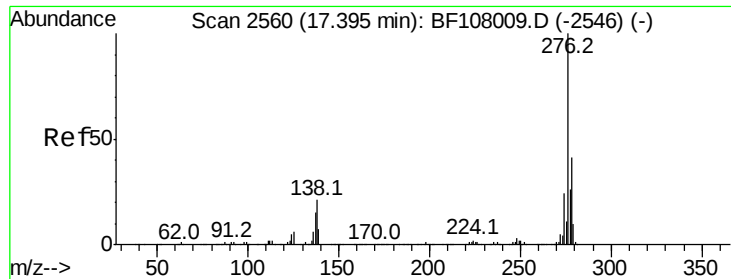
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#84
 Di-n-octyl phthalate
 Concen: 4.764 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	274810		
167	1.5	1.2	1.8	
43	12.3	8.4	12.6	





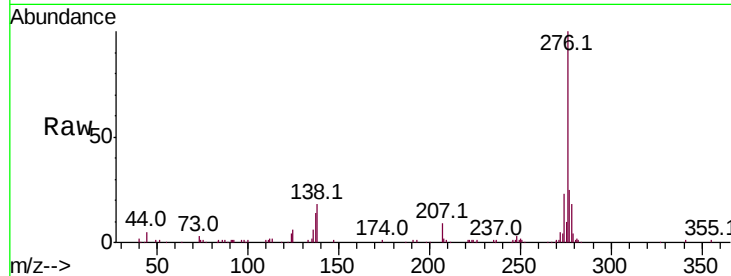
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.692 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.03 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

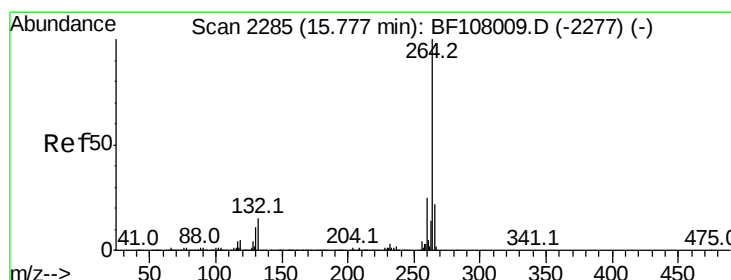
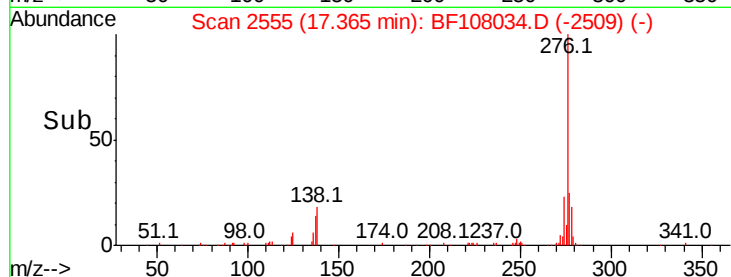
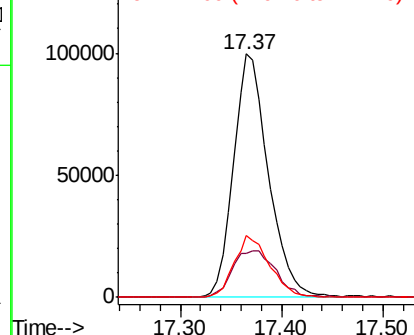
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	25.5	20.1	30.1

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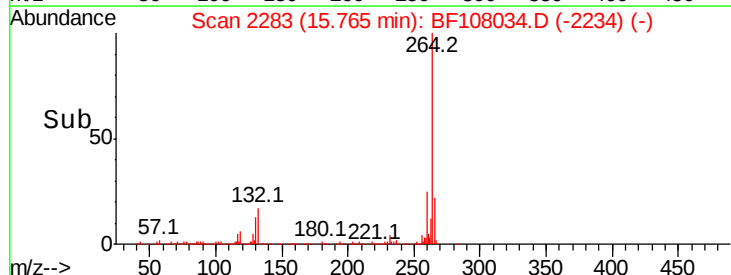
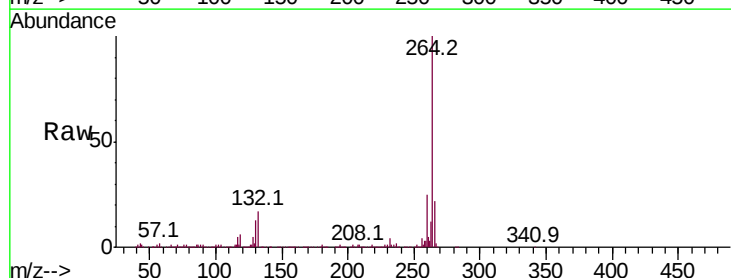
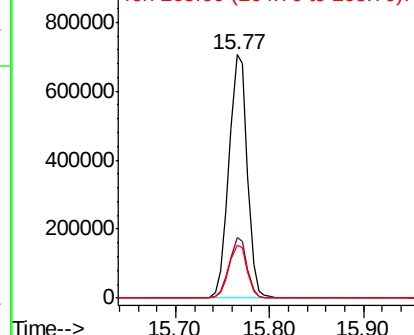
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

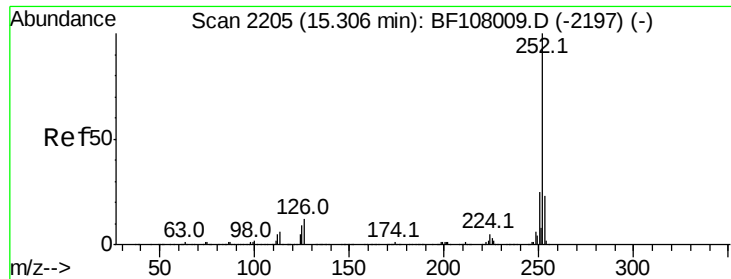


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.5	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: 4.930 ng

RT: 15.29 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

Instrument :

BNA_F

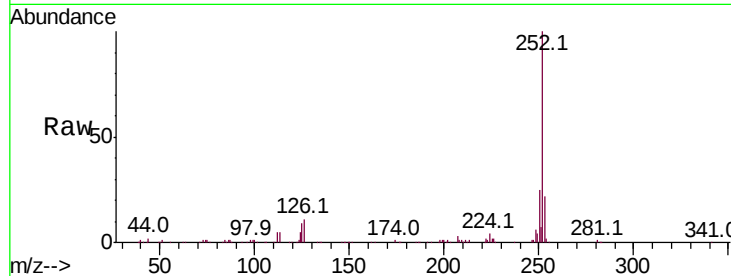
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	8.9	9.0	13.6#

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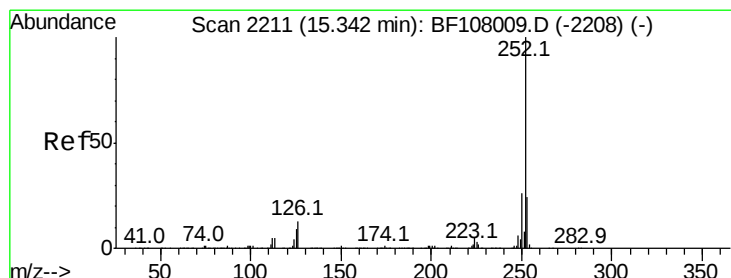
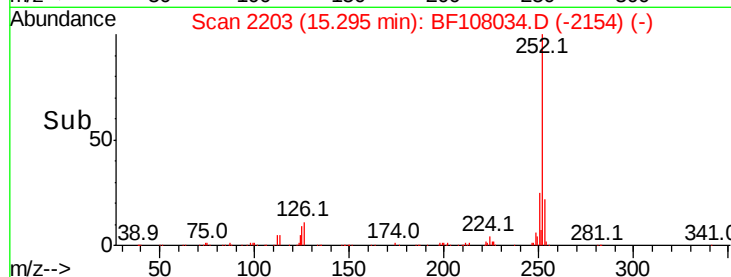
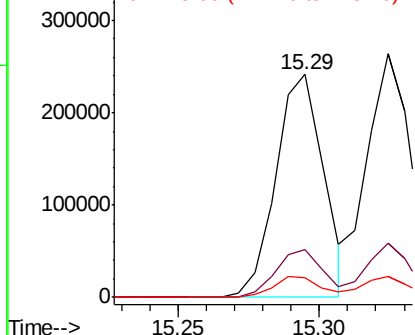


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.584 ng

RT: 15.32 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF108034.D

Acq: 8 Aug 2018 21:59

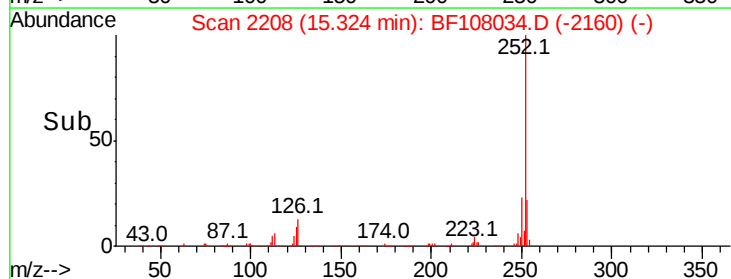
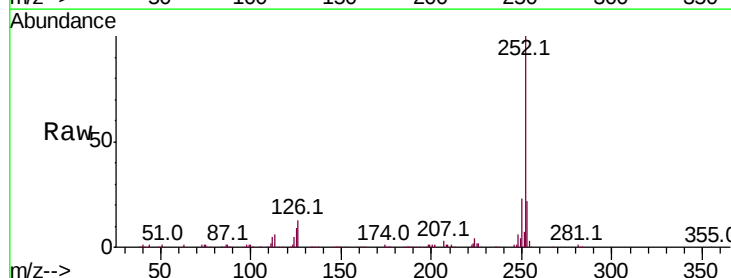
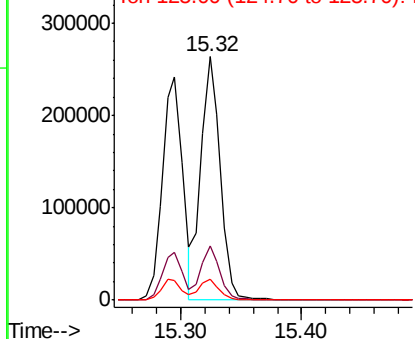
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.8	10.2	15.2#

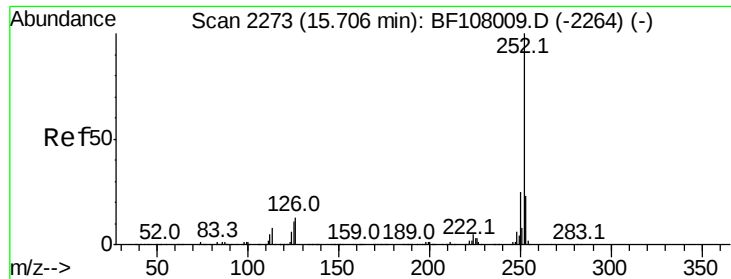
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





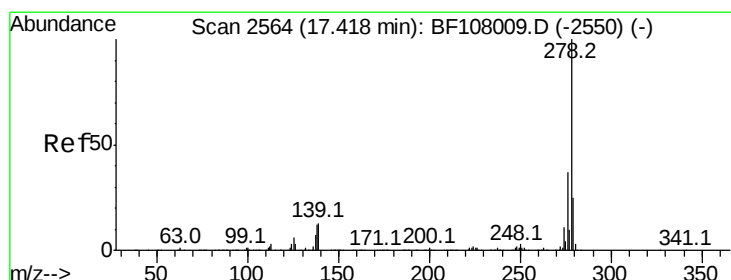
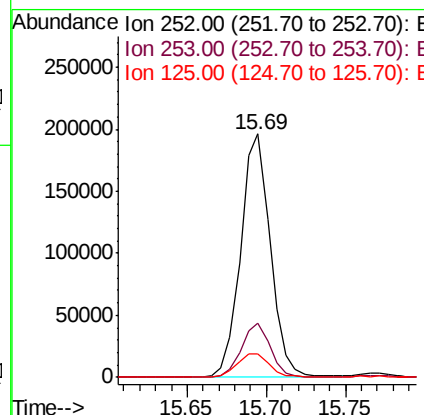
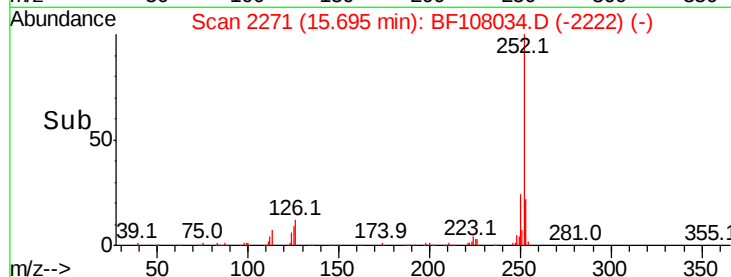
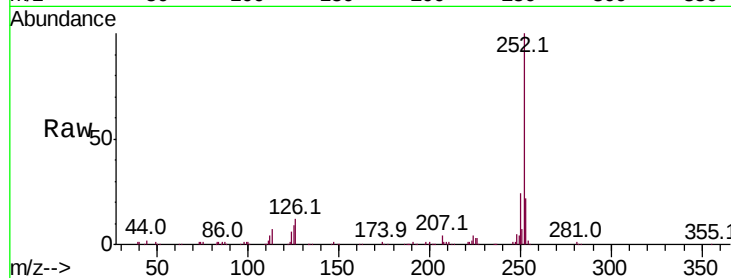
#89
Benzo(a)pyrene
Concen: 4.960 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.5	9.8	14.6

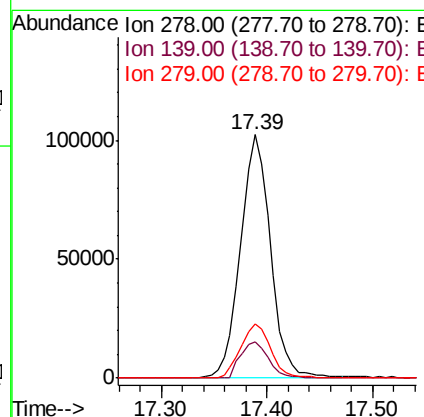
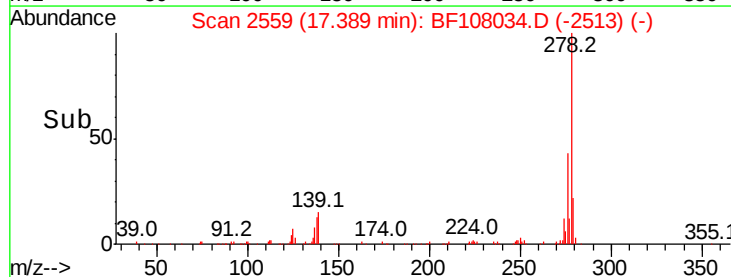
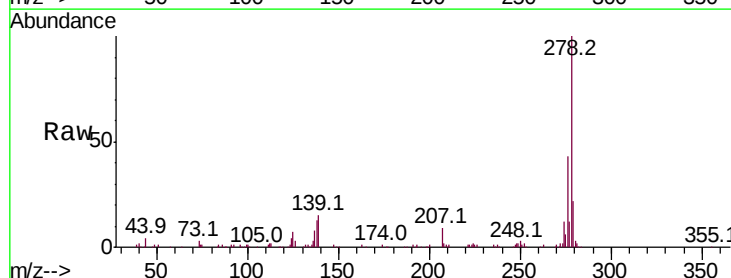
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#90
Dibenzo(a,h)anthracene
Concen: 4.757 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108034.D
Acq: 8 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.689 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.04 min
 Lab File: BF108034.D
 Acq: 8 Aug 2018 21:59

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	20.0	21.8	32.8

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