

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108032.D
 Acq On : 8 Aug 2018 21:03
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 1 PPM
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/9/2018 5:01:34 PM

Quant Time: Aug 09 10:09:14 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	268674	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1078819	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	583705	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1217753	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1091014	20.00	ng	-0.01
86) Perylene-d12	15.77	264	928216	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	1887941	127.22	ng	0.00
7) Phenol-d6	6.63	99	2544997	129.05	ng	0.00
23) Nitrobenzene-d5	7.58	82	1682685	87.04	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	808745	138.90	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	3024600	83.19	ng	0.00
78) Terphenyl-d14	13.15	244	3696269	86.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	6930	0.909	ng	# 71
3) Pyridine	3.77	79	17041	0.868	ng	# 23
4) n-Nitrosodimethylamine	3.64	42	9899	0.896	ng	# 63
6) Aniline	6.68	93	16353	0.610	ng	95
8) 2-Chlorophenol	6.80	128	18010	1.078	ng	89
9) Benzaldehyde	6.57	77	15040	0.984	ng	95
10) Phenol	6.64	94	20754	1.017	ng	# 31
11) bis(2-Chloroethyl)ether	6.74	93	17305	1.049	ng	92
12) 1,3-Dichlorobenzene	6.95	146	21014	1.087	ng	98
13) 1,4-Dichlorobenzene	7.03	146	21357	1.100	ng	96
14) 1,2-Dichlorobenzene	7.18	146	19172	1.062	ng	94
15) Benzyl Alcohol	7.14	79	7568	0.456	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	35962	1.059	ng	95
17) 2-Methylphenol	7.24	107	15186	1.059	ng	97
18) Hexachloroethane	7.52	117	6797	0.983	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	14055	1.054	ng	# 89
20) 3+4-Methylphenols	7.40	107	18655	1.016	ng	90
22) Acetophenone	7.41	105	27386	1.086	ng	# 90
24) Nitrobenzene	7.59	77	25548	1.307	ng	94
25) Isophorone	7.82	82	36917m	1.002	ng	
26) 2-Nitrophenol	7.91	139	5269	0.714	ng	# 93
27) 2,4-Dimethylphenol	7.93	122	16840	1.030	ng	93
28) bis(2-Chloroethoxy)methane	8.03	93	22536	1.048	ng	98
29) 2,4-Dichlorophenol	8.14	162	12649	0.840	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	18091	1.090	ng	98
31) Naphthalene	8.32	128	57364	1.169	ng	99
32) Benzoic acid	7.94	122	1517m	6.114	ng	
33) 4-Chloroaniline	8.36	127	13829	0.647	ng	# 94
34) Hexachlorobutadiene	8.43	225	11275	1.073	ng	95
35) Caprolactam	8.67	113	3779	0.801	ng	# 53
36) 4-Chloro-3-methylphenol	8.82	107	14596	0.899	ng	95
37) 2-Methylnaphthalene	9.01	142	38687	1.115	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	19662	1.097	ng	98
40) Hexachlorocyclopentadiene	9.16	237	9698	0.838	ng	98

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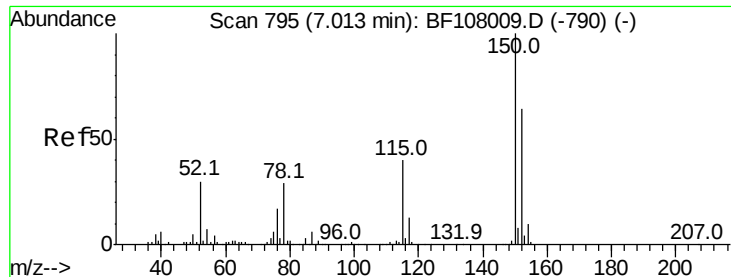
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	8191	0.736	nq	96
43) 2,4,5-Trichlorophenol	9.31	196	10945	0.894	nq #	91
45) 1,1'-Biphenyl	9.47	154	53429	1.241	nq	97
46) 2-Chloronaphthalene	9.50	162	38179	1.122	nq	94
47) 2-Nitroaniline	9.59	65	9021	0.820	nq	88
48) Acenaphthylene	9.92	152	60438	1.124	nq	98
49) Dimethylphthalate	9.76	163	44348	1.091	nq #	99
50) 2,6-Dinitrotoluene	9.83	165	6883	0.809	nq	99
51) Acenaphthene	10.09	154	36189	1.099	nq	99
52) 3-Nitroaniline	10.00	138	6830	0.734	nq #	78
53) 2,4-Dinitrophenol	10.10	184	598	7.192	nq #	1
54) Dibenzofuran	10.26	168	54175	1.135	nq	97
55) 4-Nitrophenol	10.14	139	3855	0.547	nq #	82
56) 2,4-Dinitrotoluene	10.23	165	7657	0.699	nq #	85
57) Fluorene	10.61	166	44512	1.178	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	7418	0.725	nq #	87
59) Diethylphthalate	10.47	149	42841	1.088	nq	98
60) 4-Chlorophenyl-phenylether	10.60	204	24081	1.223	nq #	87
61) 4-Nitroaniline	10.61	138	6669	0.725	nq #	73
62) Azobenzene	10.76	77	43514	1.070	nq	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	1667	5.683	nq #	62
65) n-Nitrosodiphenylamine	10.71	169	36261	1.008	nq	95
66) 4-Bromophenyl-phenylether	11.09	248	13951	1.054	nq	92
67) Hexachlorobenzene	11.15	284	15083	1.083	nq #	89
68) Atrazine	11.23	200	11492	0.952	nq	93
69) Pentachlorophenol	11.35	266	2954	0.443	nq	94
70) Phenanthrene	11.58	178	69932	1.218	nq	97
71) Anthracene	11.63	178	68494	1.164	nq	96
72) Carbazole	11.78	167	55426	1.060	nq	98
73) Di-n-butylphthalate	12.10	149	60923	1.028	nq	98
74) Fluoranthene	12.77	202	71142	1.135	nq	95
76) Benzidine	12.89	184	8134	0.200	nq	95
77) Pyrene	13.00	202	74241	1.075	nq	98
79) Butylbenzylphthalate	13.61	149	19232	0.701	nq #	95
80) Benzo(a)anthracene	14.19	228	68929	1.101	nq	95
81) 3,3'-Dichlorobenzidine	14.15	252	10770	0.480	nq #	92
82) Chrysene	14.23	228	63051	1.098	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	30097	0.810	nq	99
84) Di-n-octyl phthalate	14.79	149	38377	0.677	nq #	91
85) Indeno(1,2,3-cd)pyrene	17.37	276	39991	0.804	nq #	92
87) Benzo(b)fluoranthene	15.29	252	53577	0.966	nq	97
88) Benzo(k)fluoranthene	15.32	252	52914	1.038	nq #	91
89) Benzo(a)pyrene	15.69	252	45835	0.923	nq #	93
90) Dibenzo(a,h)anthracene	17.39	278	32299	0.786	nq	97
91) Benzo(g,h,i)perylene	17.85	276	32176	0.795	nq	97

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



#1

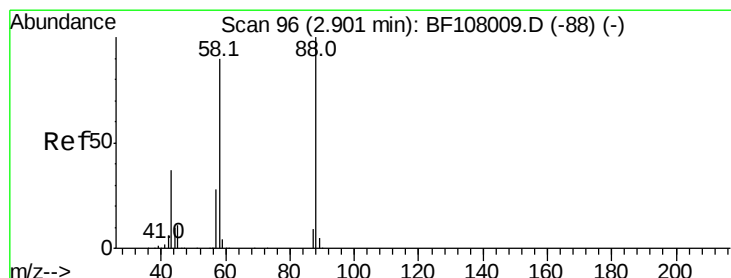
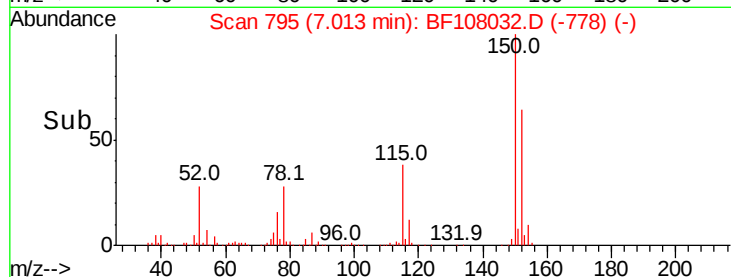
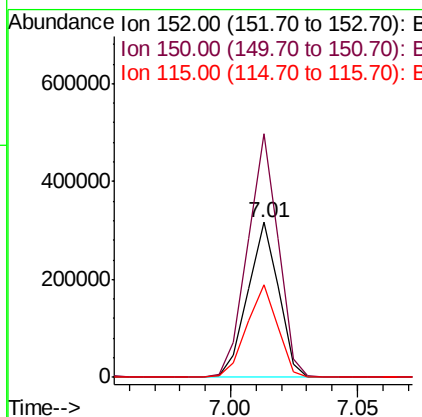
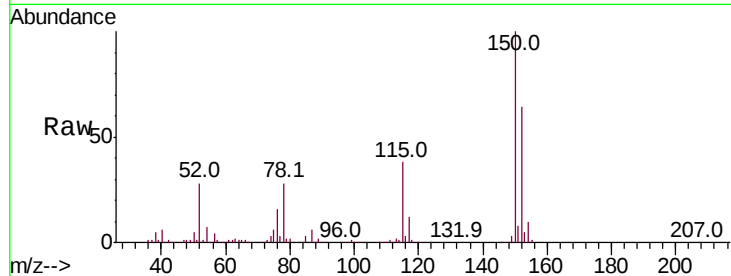
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Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.0	50.1	75.1

Manual Integrations
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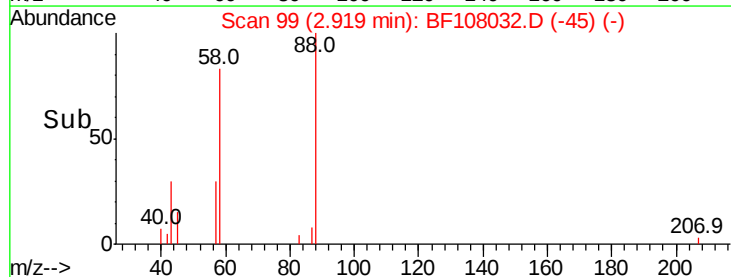
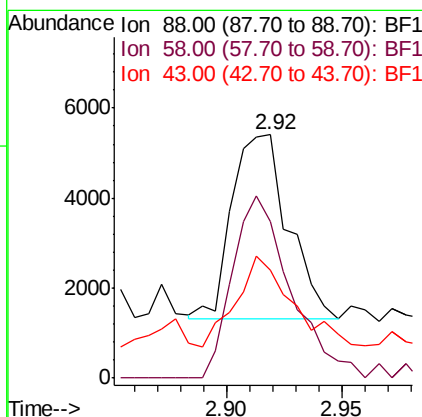
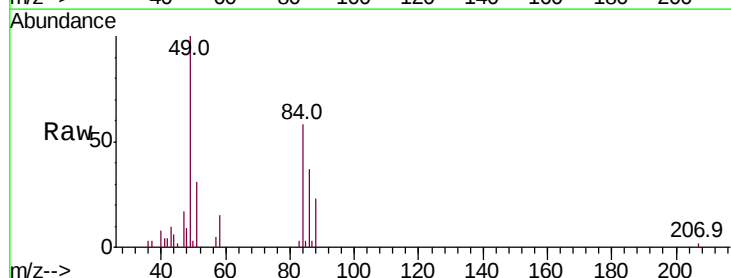
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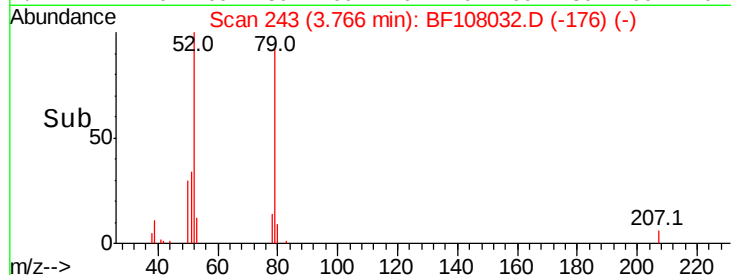
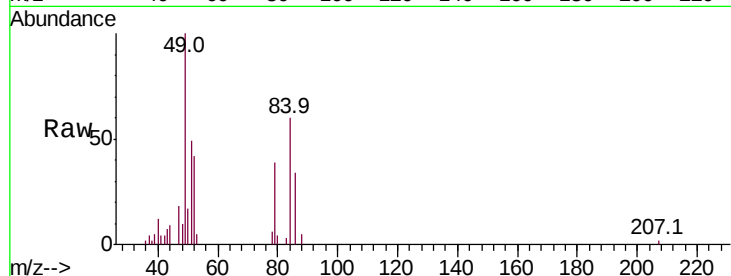
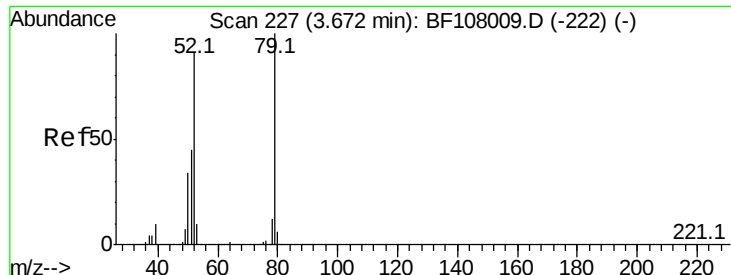


#2

1,4-Dioxane
Concen: 0.909 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.6	62.6	93.8#
43	48.2	24.6	37.0#





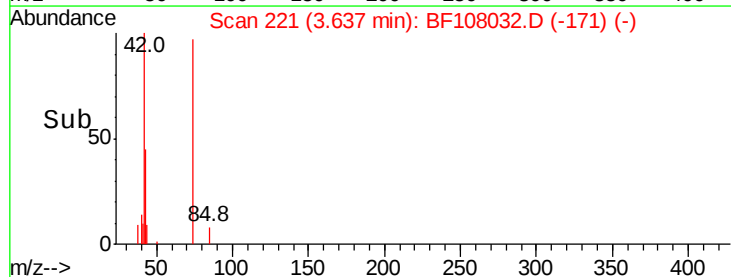
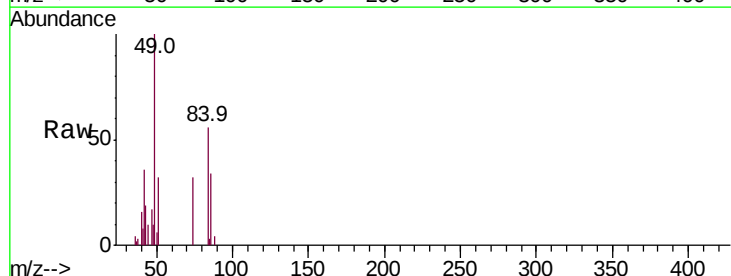
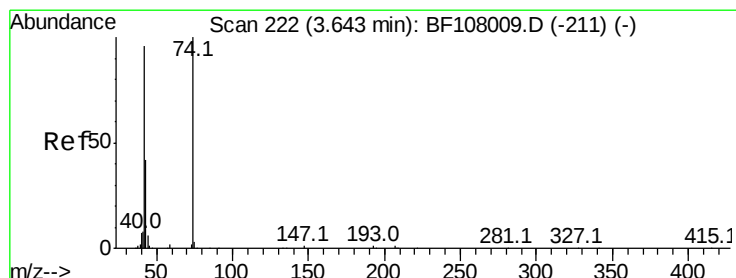
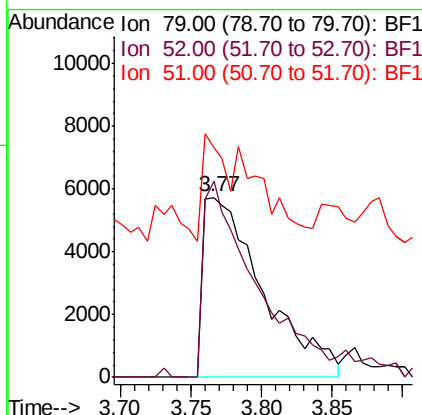
#3
Pvridine
Concen: 0.868 ng
RT: 3.77 min Scan# 243
Delta R.T. 0.09 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	108.9	59.8	89.6#
51	127.6	29.8	44.8#

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

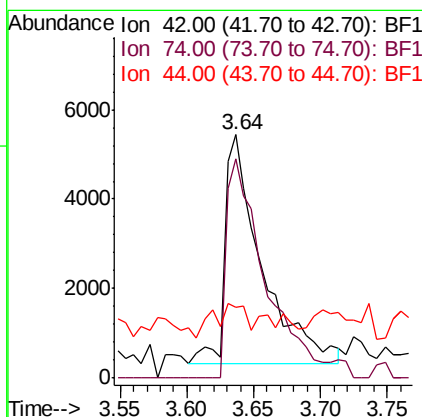
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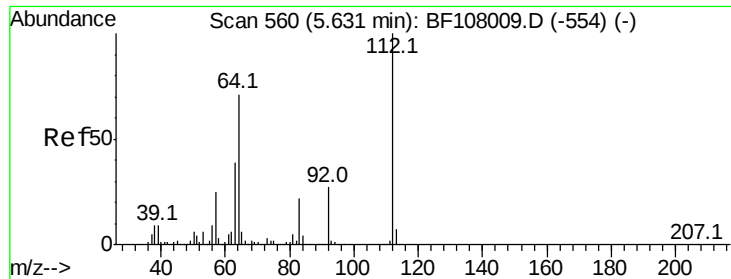
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#4
n-Nitrosodimethylamine
Concen: 0.896 ng
RT: 3.64 min Scan# 221
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	89.9	104.9	157.3#
44	29.1	6.9	10.3#





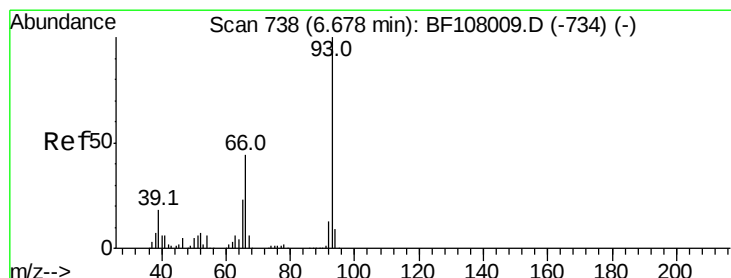
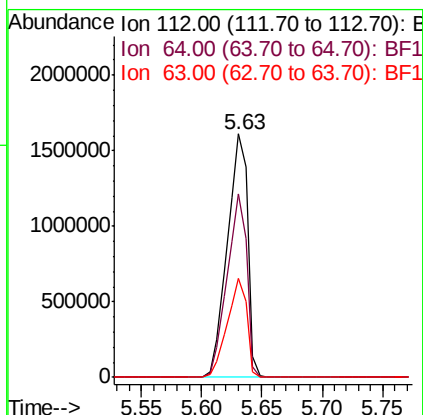
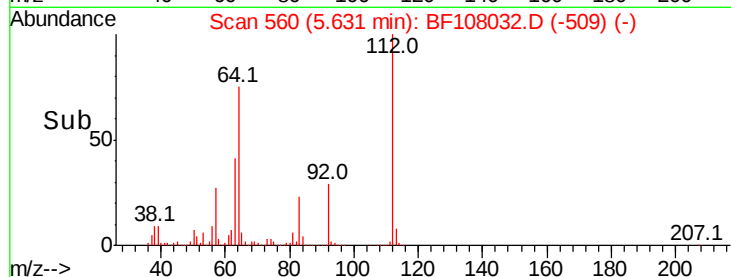
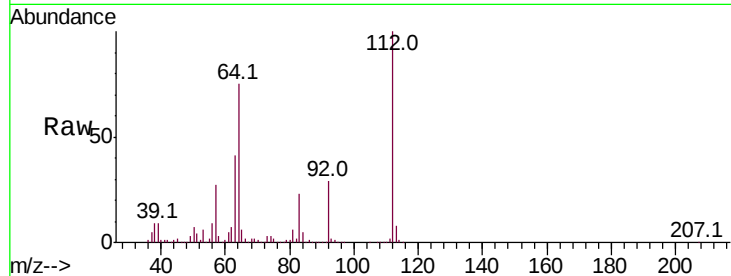
#5
2-Fluorophenol
Concen: 127.219 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
112	100		
64	75.1	47.9	71.9#
63	40.9	23.7	35.5#

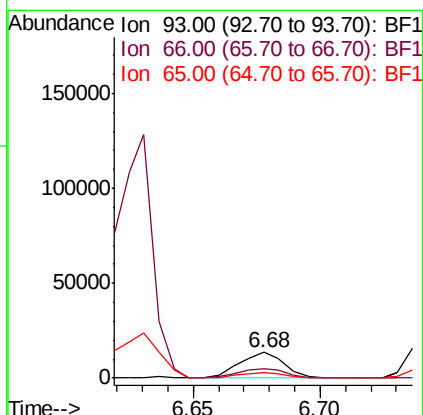
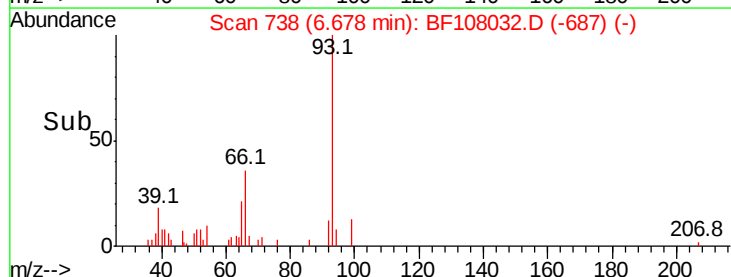
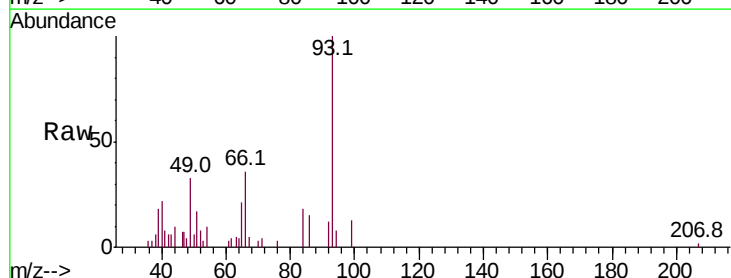
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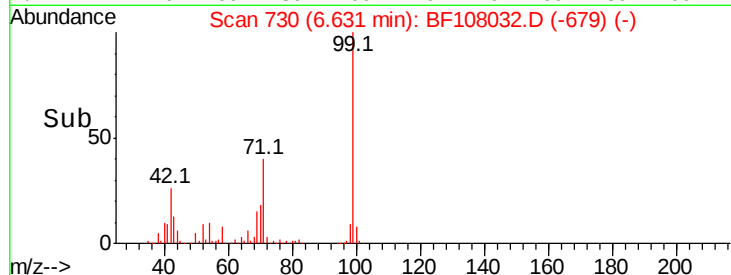
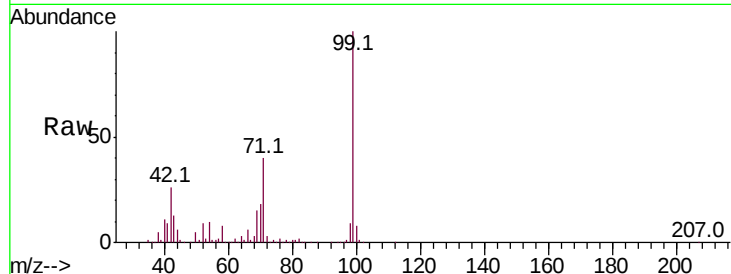
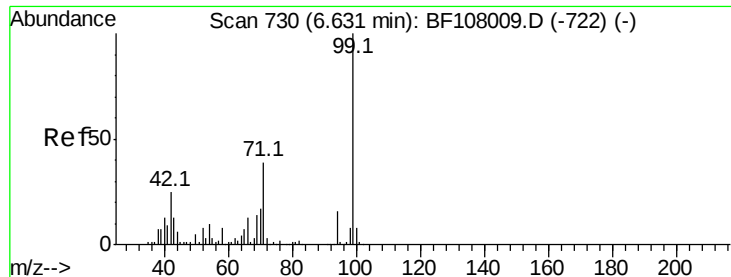
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#6
Aniline
Concen: 0.610 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.4	32.2	48.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 129.053 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tot Ion:	99	Resp:	2544997
Ion	Ratio	Lower	Upper
99	100		
42	25.8	14.5	21.7#
71	39.8	25.4	38.0#

Instrument :

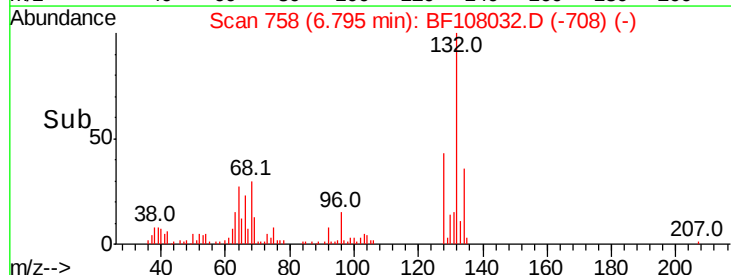
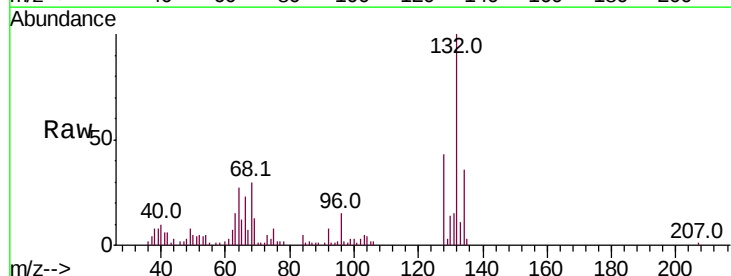
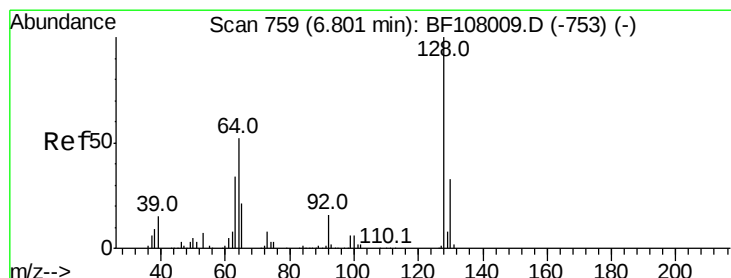
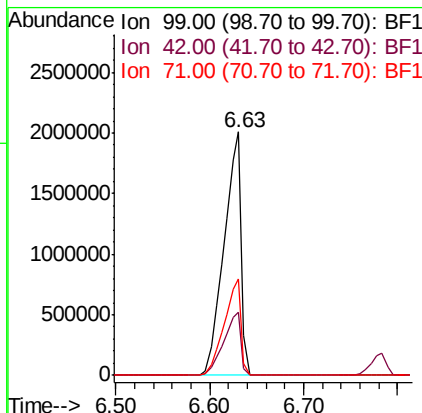
BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Manual Integrations
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#8

2-Chlorophenol

Concen: 1.078 ng

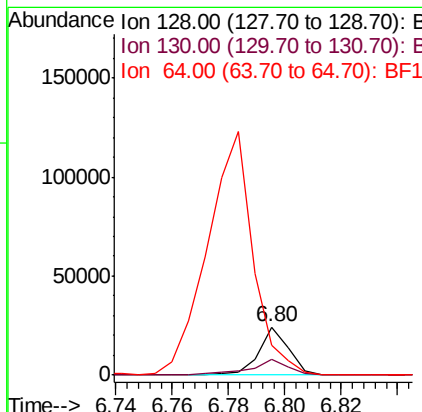
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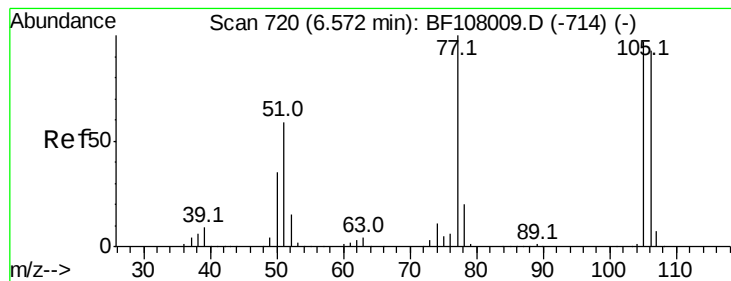
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	128	Resp:	18010
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	62.0	29.4	69.4





#9

Benzaldehyde

Concen: 0.984 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

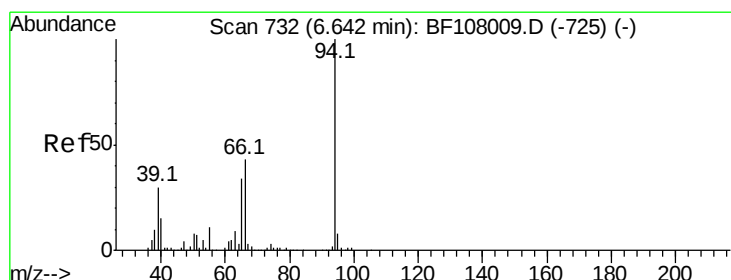
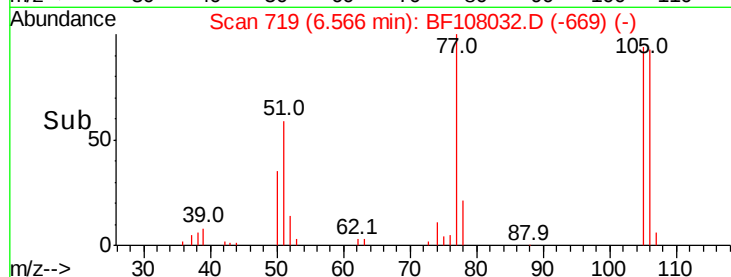
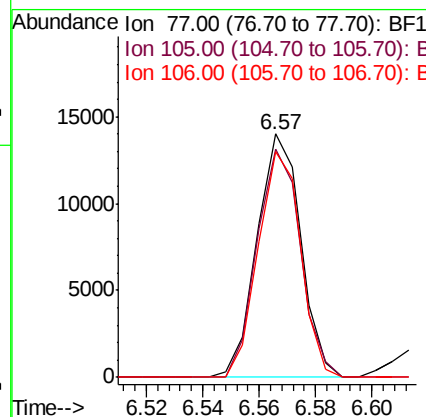
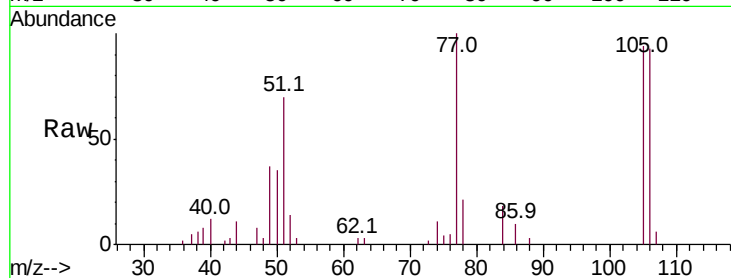
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	77	Resp:	15040
Ion	Ratio	Lower	Upper
77	100		
105	93.6	81.1	121.1
106	92.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 1.017 ng

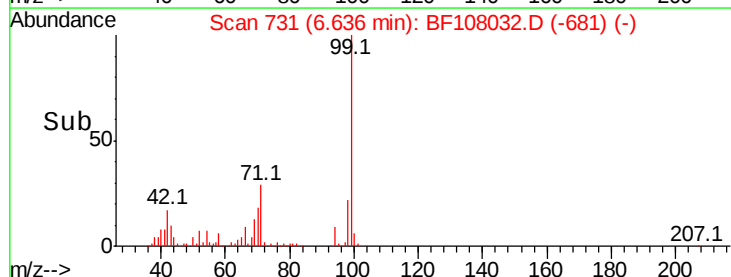
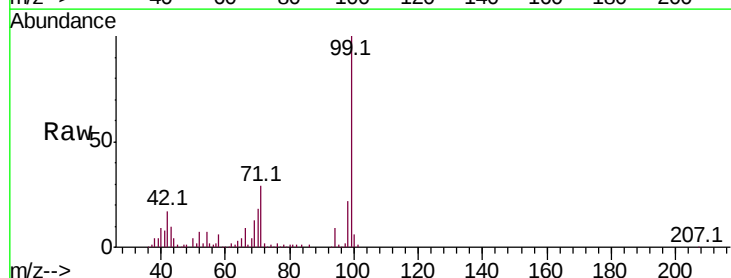
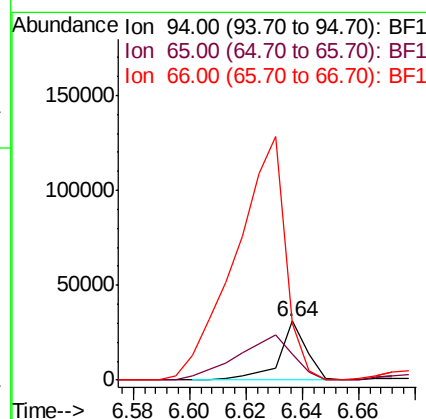
RT: 6.64 min Scan# 731

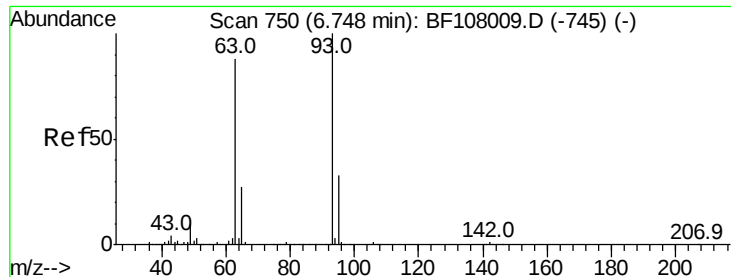
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	94	Resp:	20754
Ion	Ratio	Lower	Upper
94	100		
65	43.3	7.9	47.9
66	95.3	16.2	56.2#





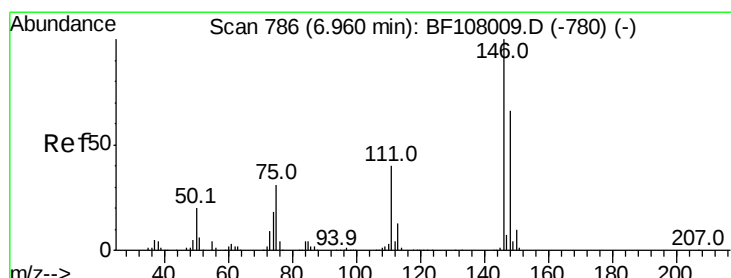
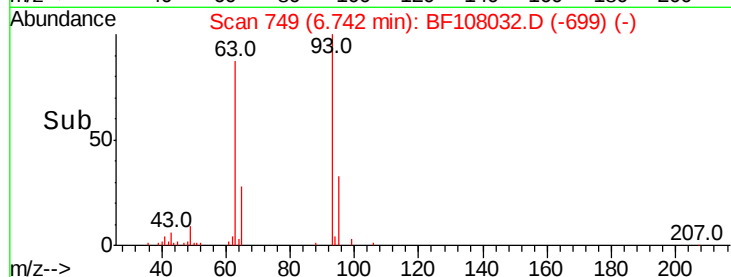
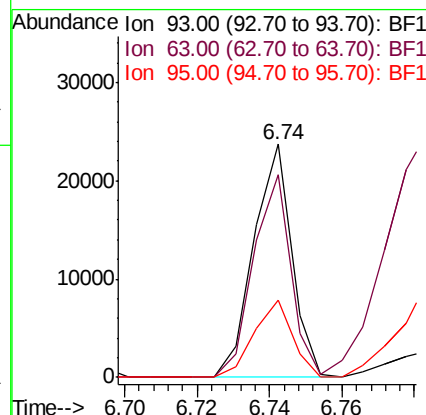
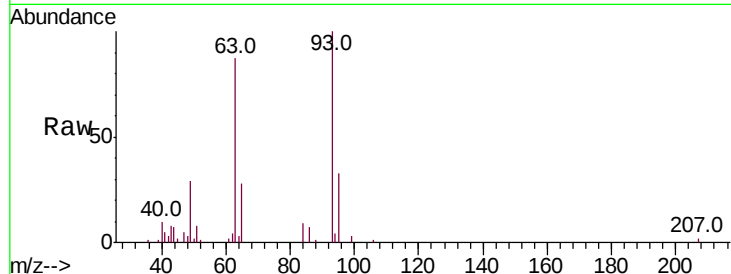
#11
bis(2-Chloroethyl)ether
Concen: 1.049 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	93	Resp:	17305
Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	32.9	11.8	51.8

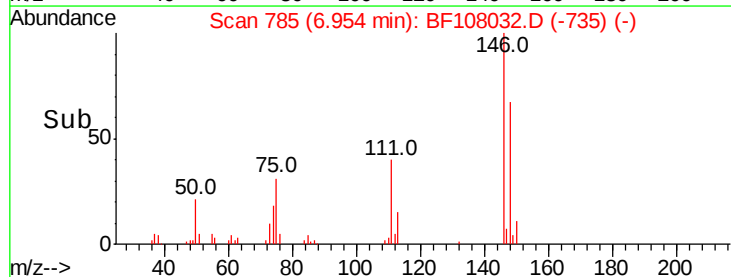
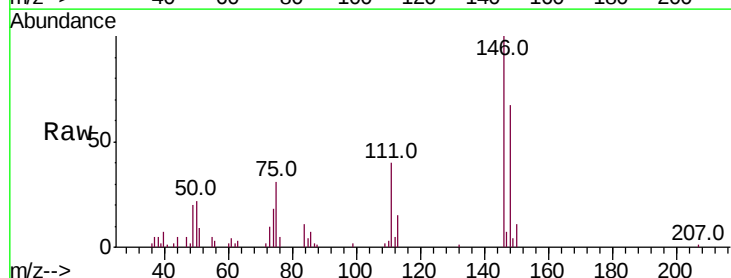
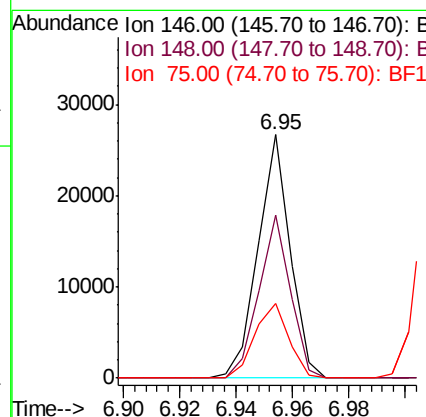
Manual Integrations
APPROVED

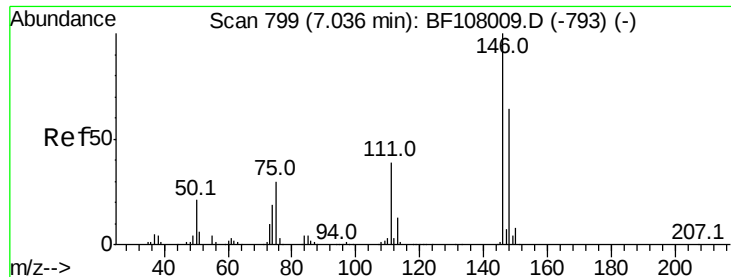
Sohil
8/9/2018 5:01:34 PM



#12
1,3-Dichlorobenzene
Concen: 1.087 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	146	Resp:	21014
Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.8	77.8
75	30.6	24.2	36.4





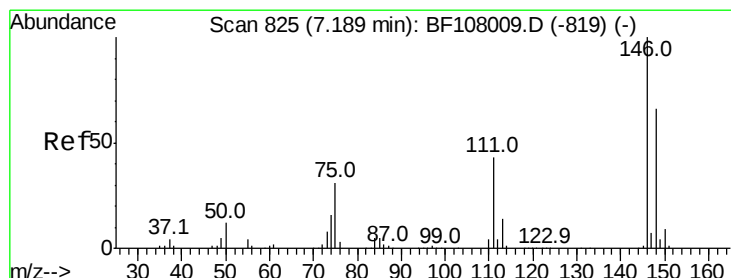
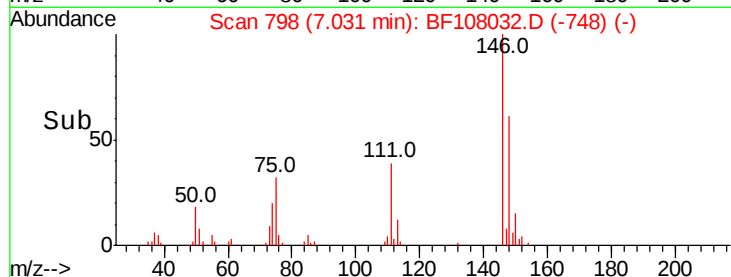
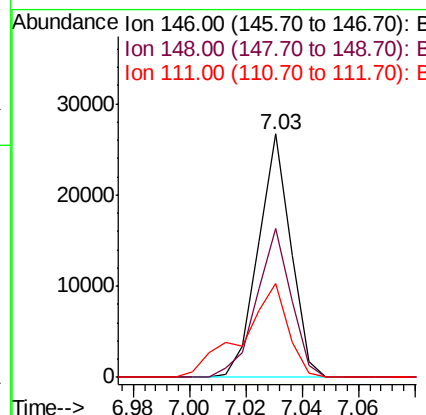
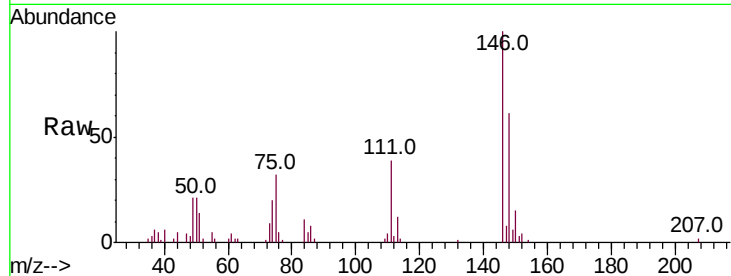
#13
1,4-Dichlorobenzene
Concen: 1.100 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.8	76.2
111	38.7	34.2	51.2

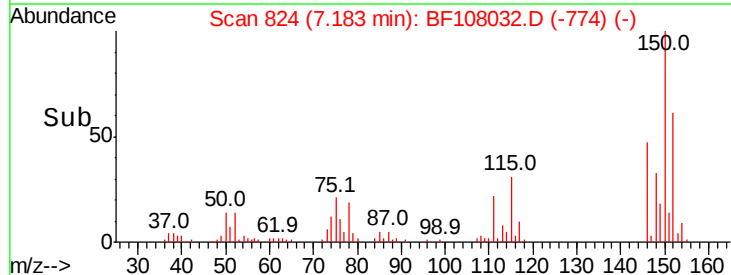
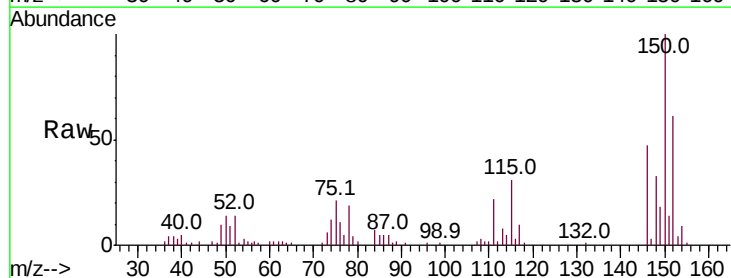
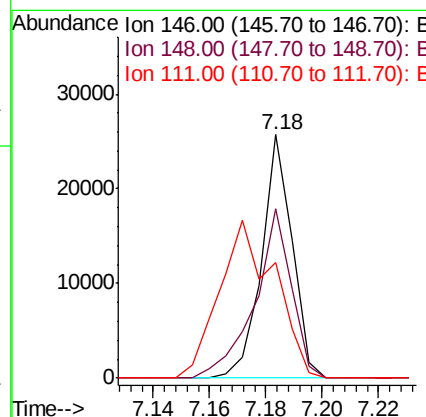
Manual Integrations
APPROVED

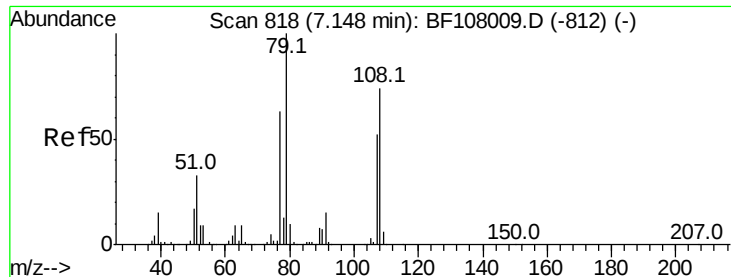
Sohil
8/9/2018 5:01:34 PM



#14
1,2-Dichlorobenzene
Concen: 1.062 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.6	50.6	75.8
111	47.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 0.456 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

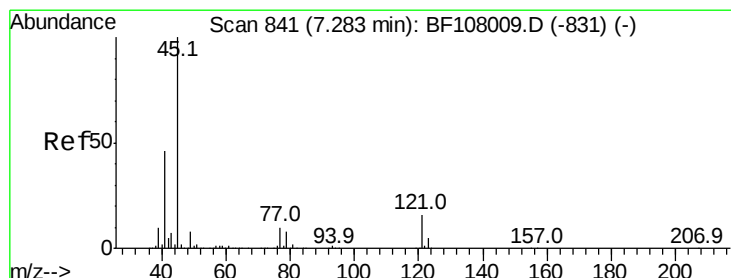
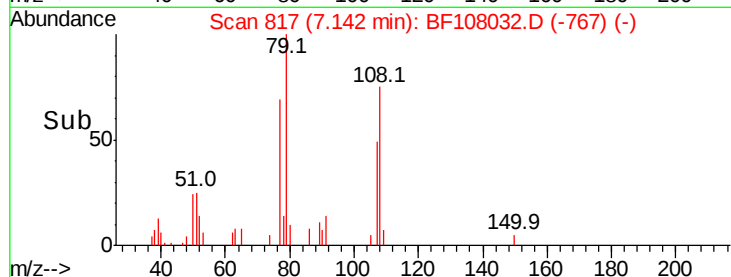
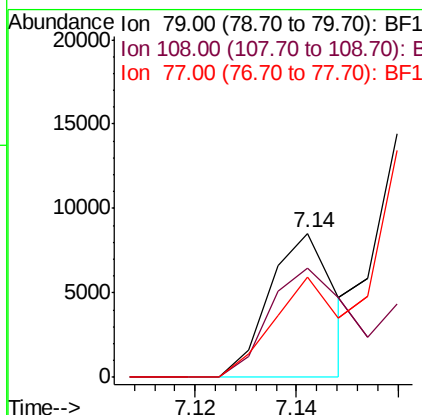
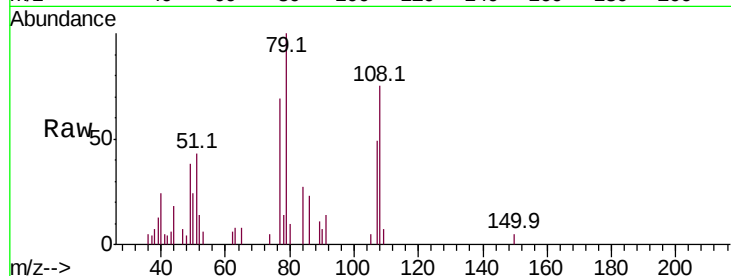
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	79	Resp:	7568
Ion Ratio	Lower	Upper	
79	100		
108	75.4	65.1	97.7
77	69.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 1.059 ng

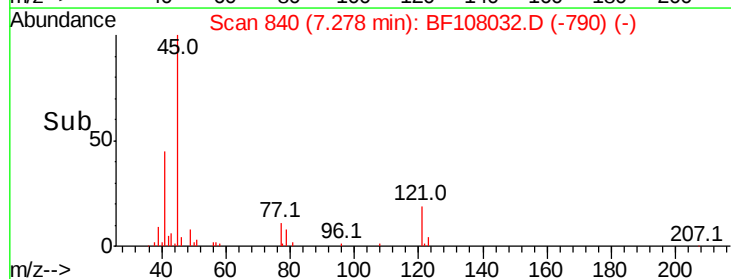
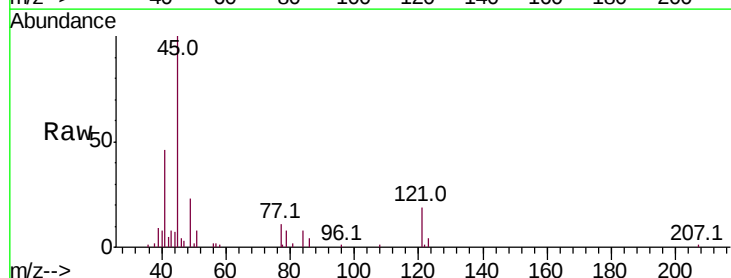
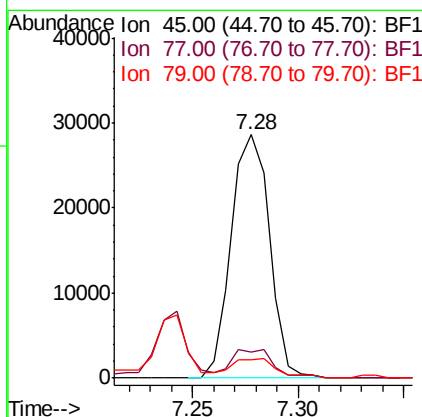
RT: 7.28 min Scan# 840

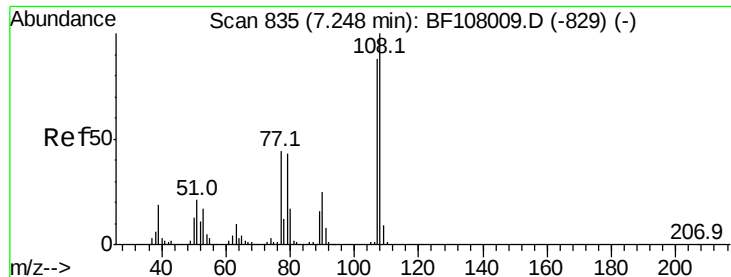
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	45	Resp:	35962
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	32.9
79	7.7	0.0	29.6





#17

2-Methylphenol

Concen: 1.059 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

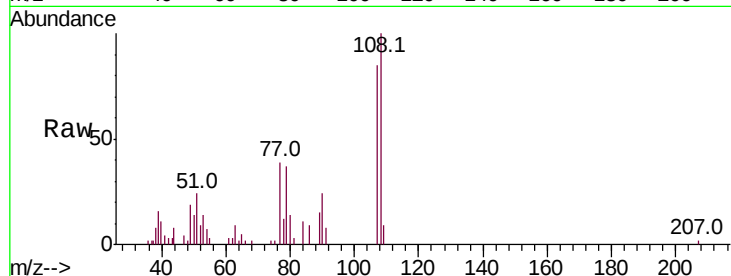
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
107	100		
108	118.1	91.7	137.5
77	45.9	33.8	50.8
79	43.5	33.8	50.8

Manual Integrations
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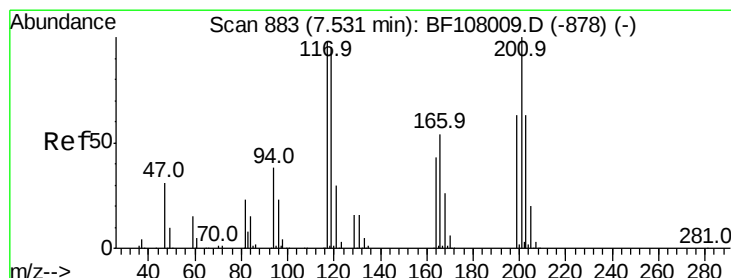
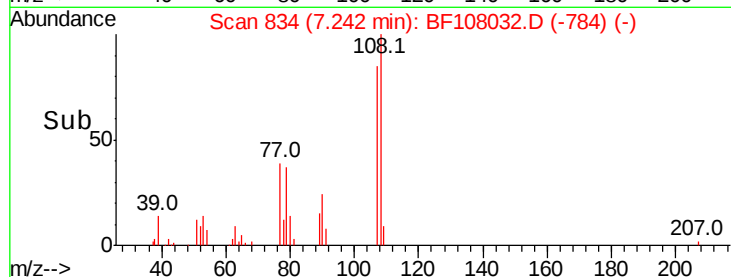
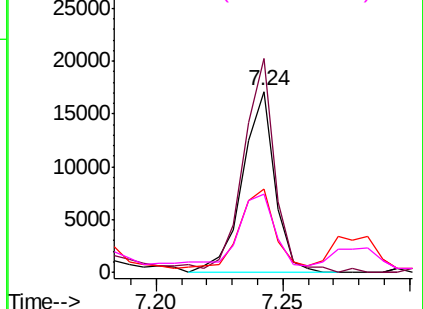
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.983 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

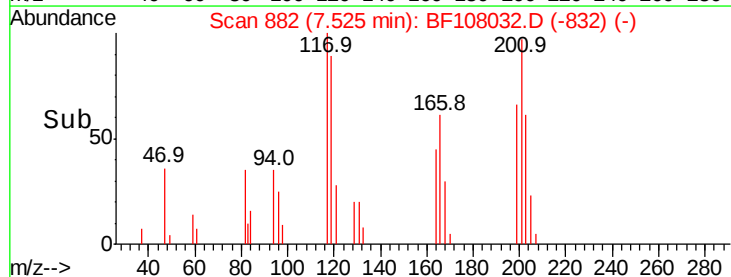
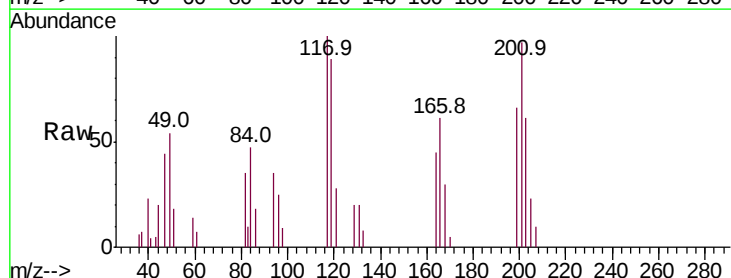
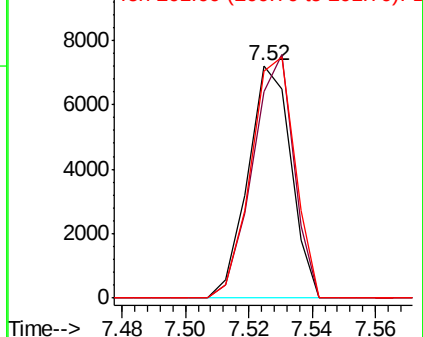
Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.8	113.8
201	97.5	75.7	113.5

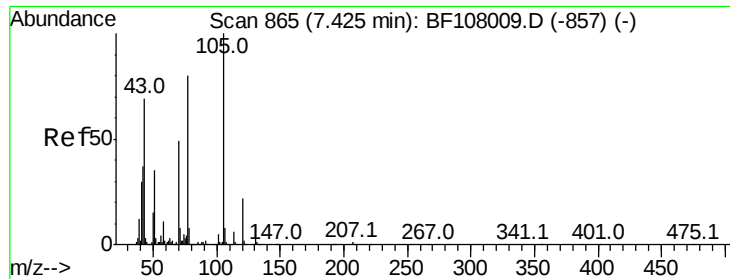
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





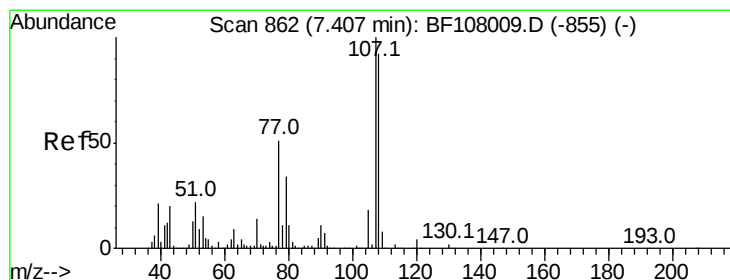
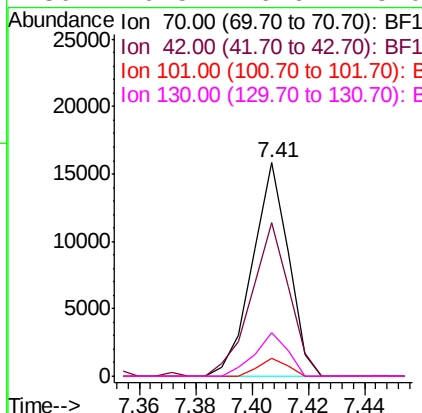
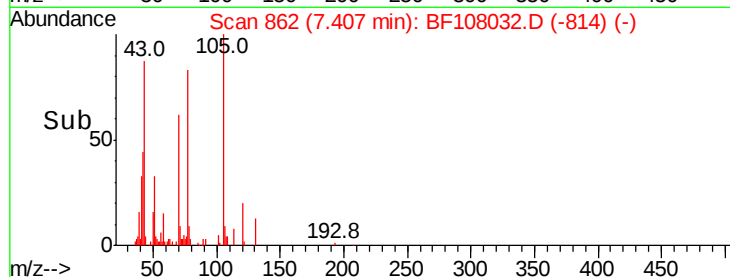
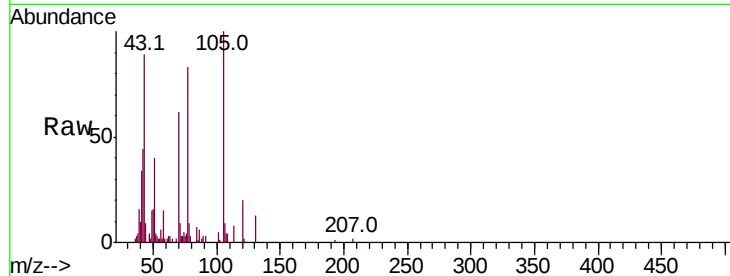
#19
n-Nitroso-di-n-propylamine
Concen: 1.054 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	47.5	71.3#
101	8.6	7.4	11.2
130	20.5	16.6	25.0

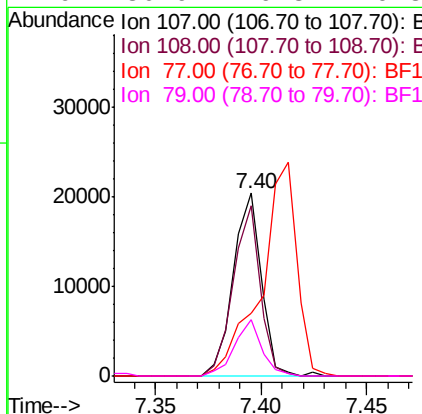
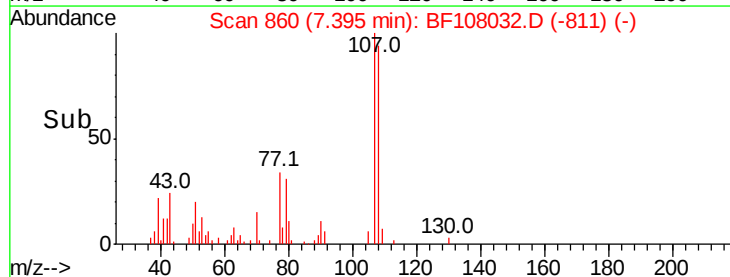
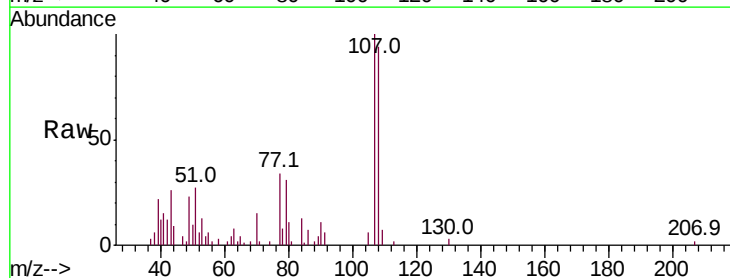
Manual Integrations
APPROVED

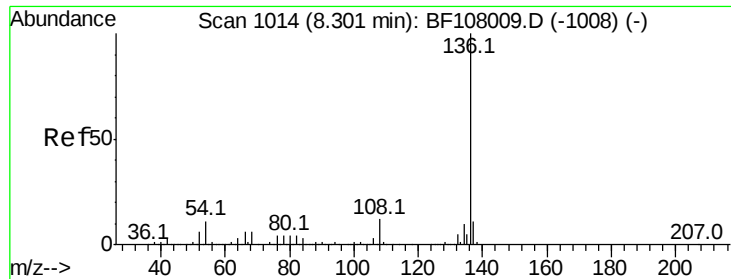
Sohil
8/9/2018 5:01:34 PM



#20
3+4-Methylphenols
Concen: 1.016 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	34.1	26.7	66.7
79	30.9	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: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

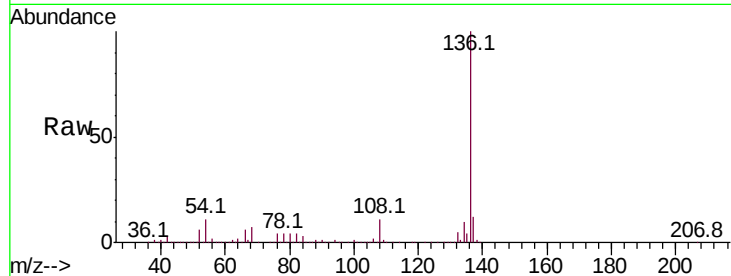
ClientSampleId :

MDL-WATER-03-QT3-2018

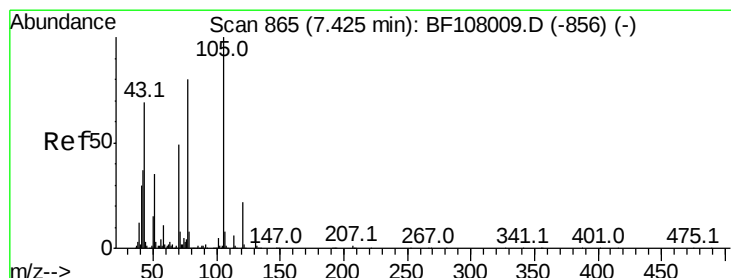
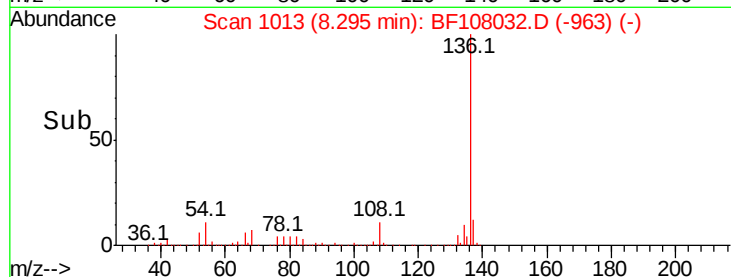
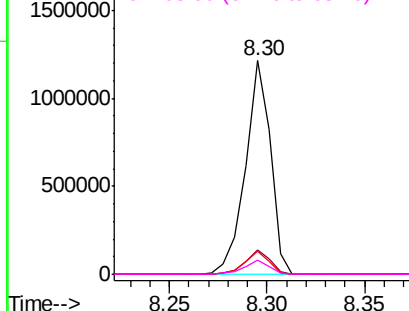
Tot Ion	136	Resp	1078819
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	11.1	6.6	9.8#
68	6.5	5.0	7.4

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 1.086 ng

RT: 7.41 min Scan# 863

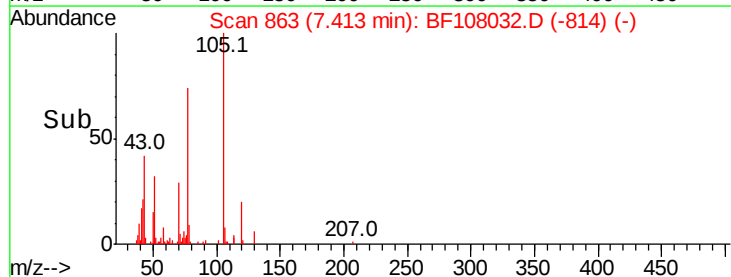
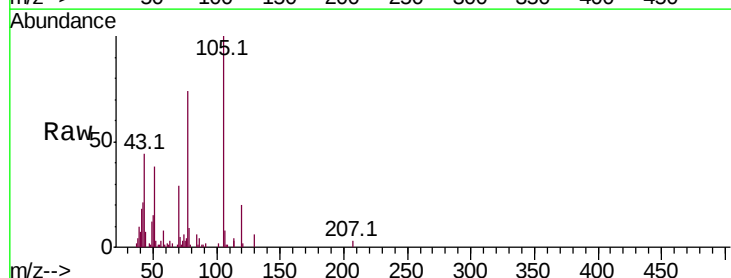
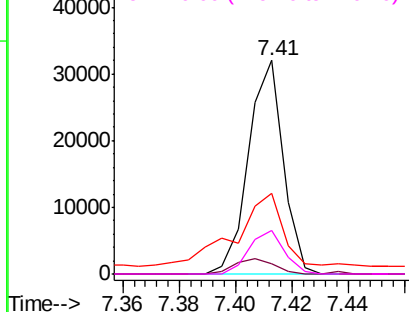
Delta R.T. -0.01 min

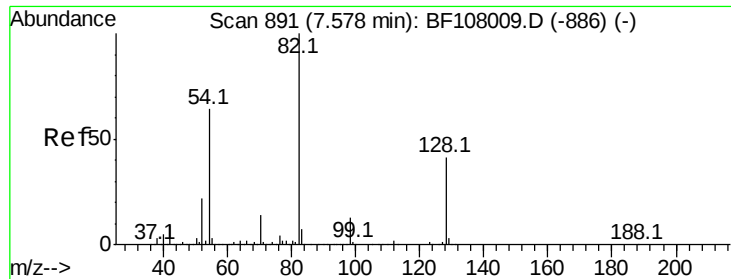
Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion	105	Resp	27386
Ion Ratio	Lower	Upper	
105	100		
71	4.8	4.4	6.6
51	37.5	22.3	33.5#
120	20.5	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





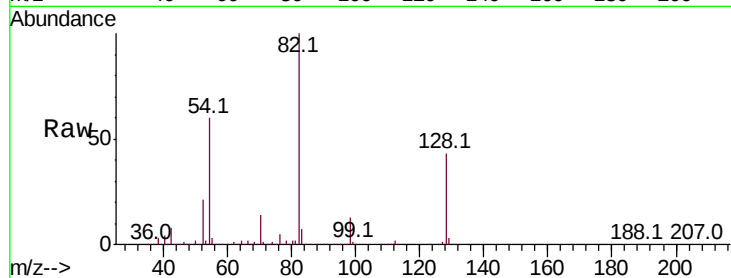
#23
Nitrobenzene-d5
Concen: 87.036 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	60.4	41.4	62.2

Manual Integrations
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8/9/2018 5:01:34 PM

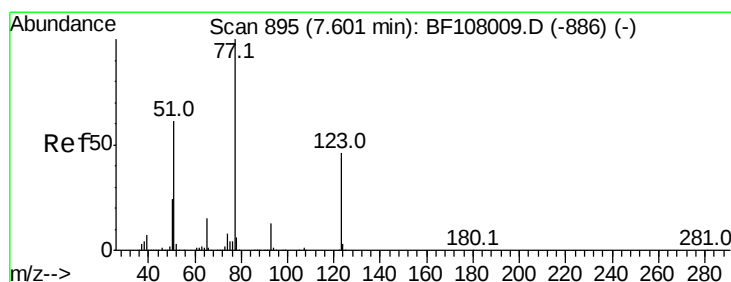
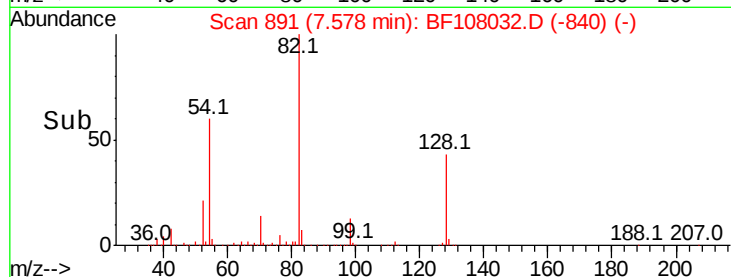
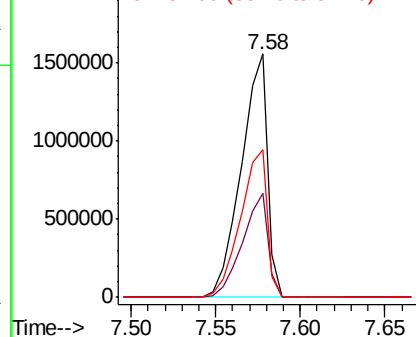


Abundance

Ion 82.00 (81.70 to 82.70): BF1

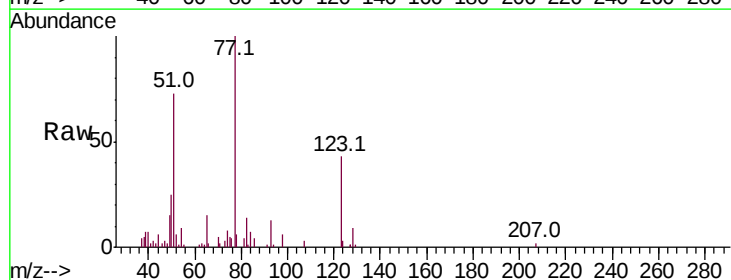
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 1.307 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.9	56.9
65	15.1	11.0	16.4

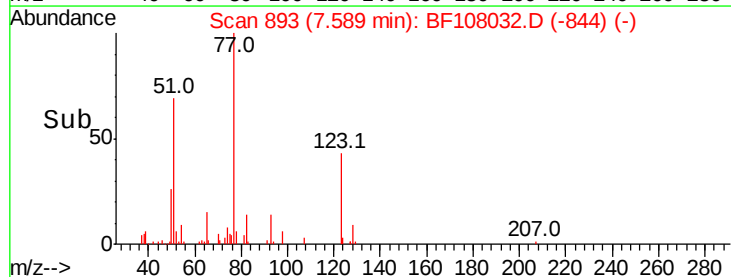
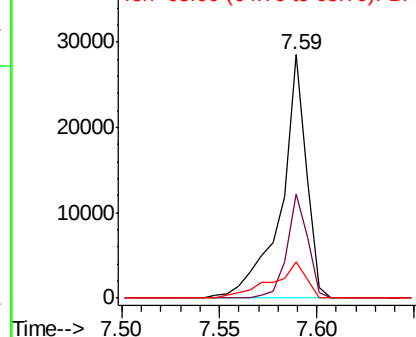


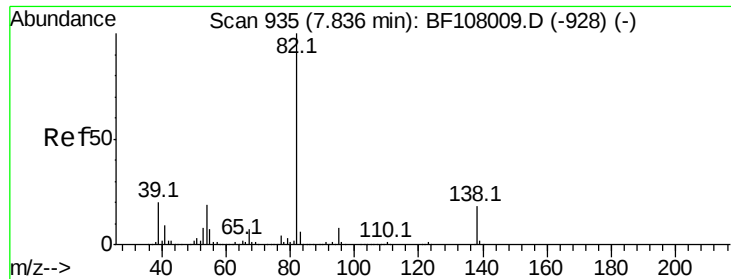
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





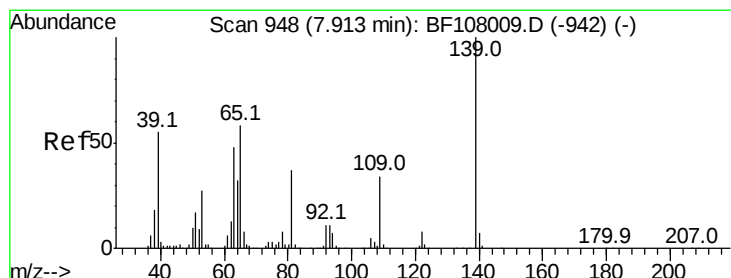
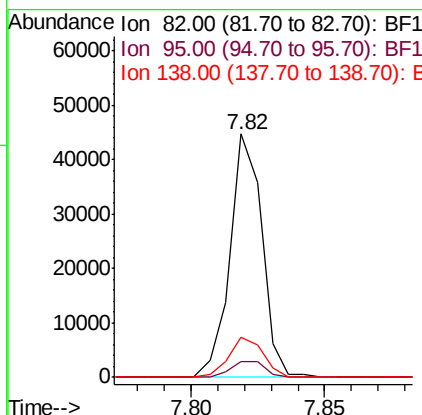
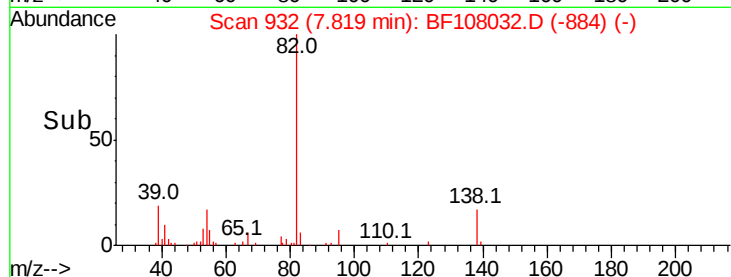
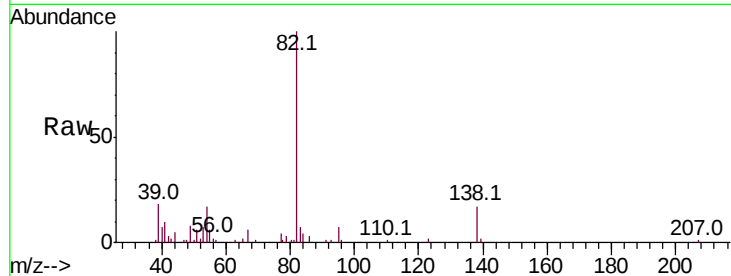
#25
Isophorone
Concen: 1.002 ng m
RT: 7.82 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	16.7	14.9	22.3

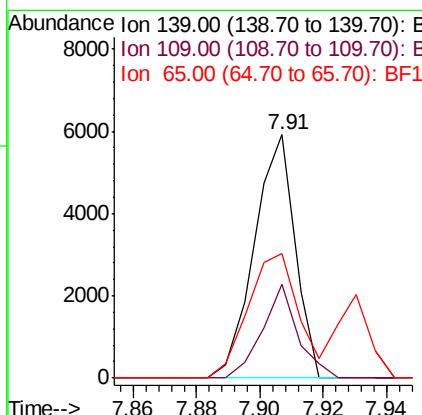
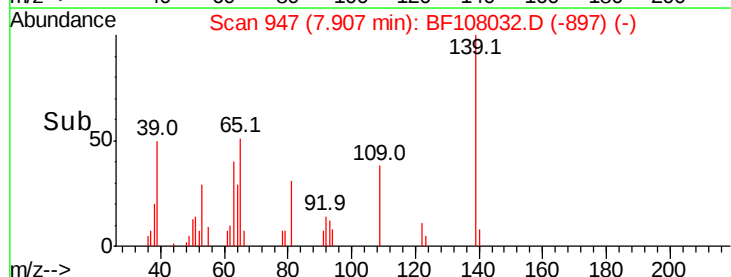
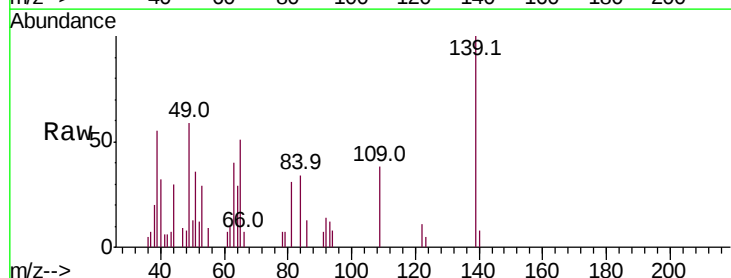
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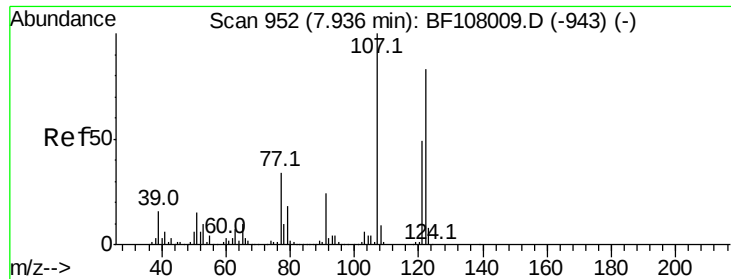
Sohil
8/9/2018 5:01:34 PM



#26
2-Nitrophenol
Concen: 0.714 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.5	22.7	34.1#
65	51.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 1.030 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

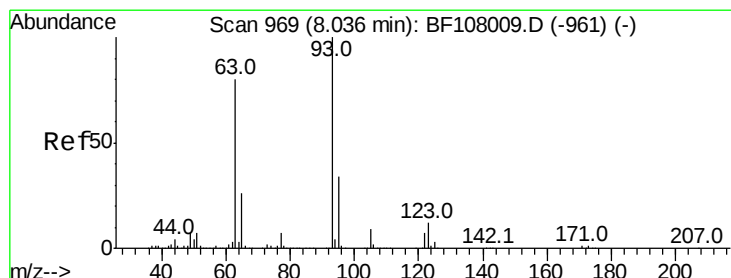
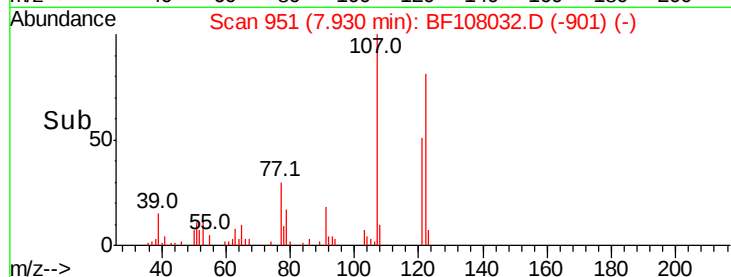
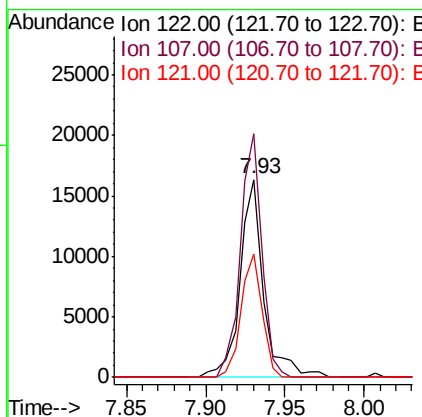
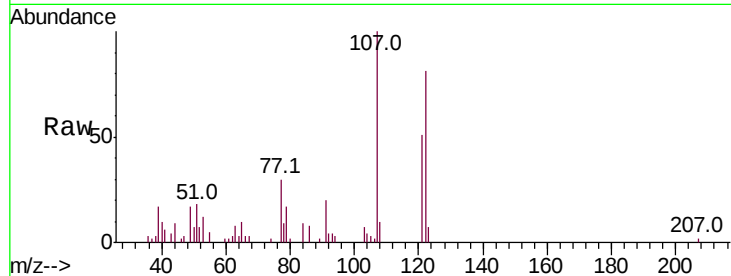
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	122	Resp:	16840
Ion	Ratio	Lower	Upper
122	100		
107	123.3	91.2	136.8
121	62.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 1.048 ng

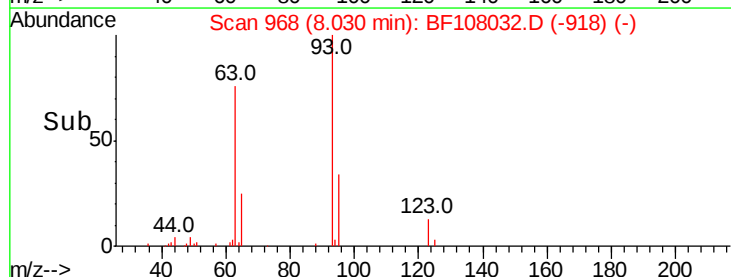
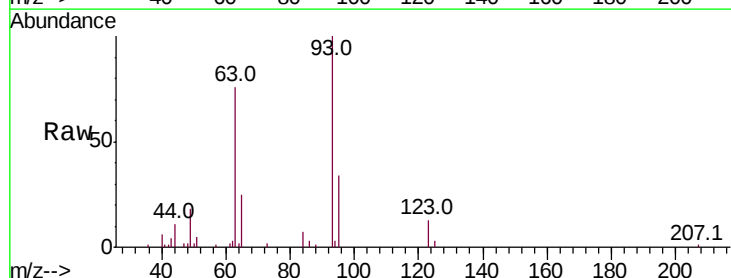
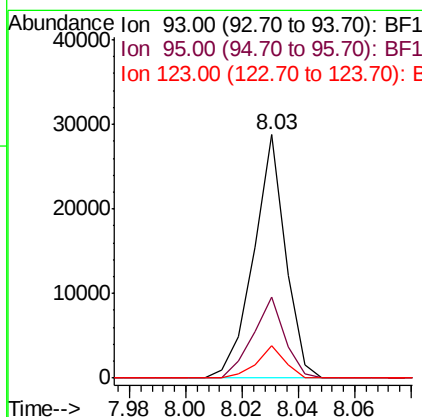
RT: 8.03 min Scan# 968

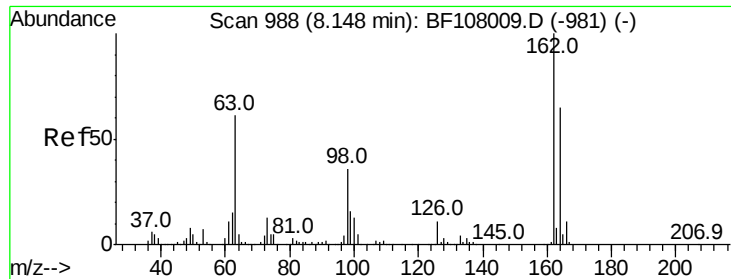
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	93	Resp:	22536
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	13.3	9.8	14.6





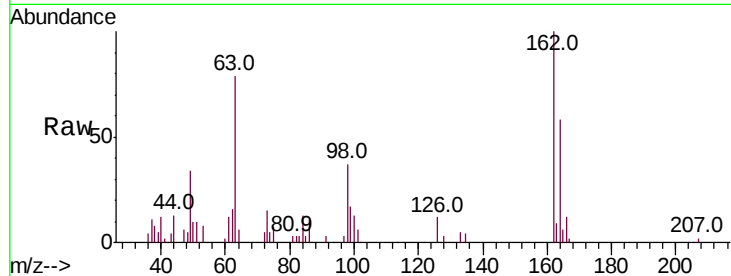
#29
2,4-Dichlorophenol
Concen: 0.840 ng
RT: 8.14 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

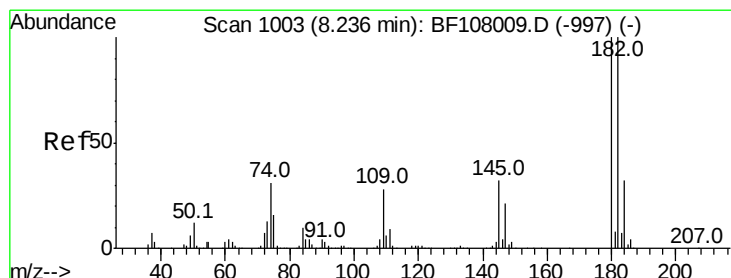
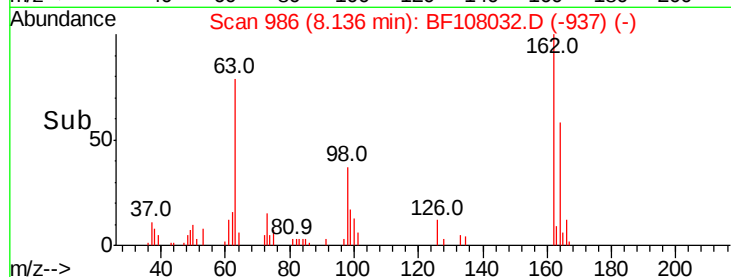
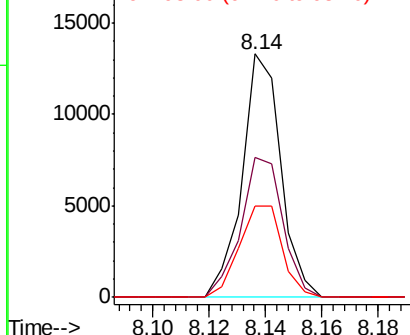
Tot Ion	Ratio	Resp	Lower	Upper
162	100	12649		
164	57.5		42.7	82.7
98	37.4		18.1	58.1

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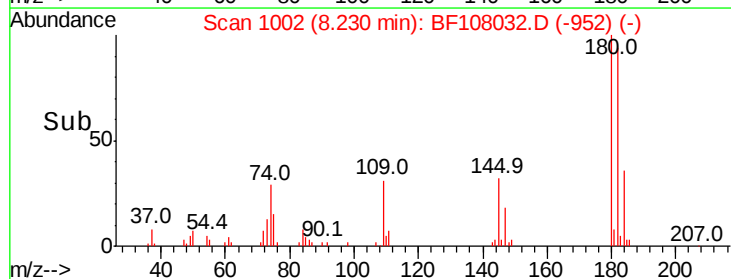
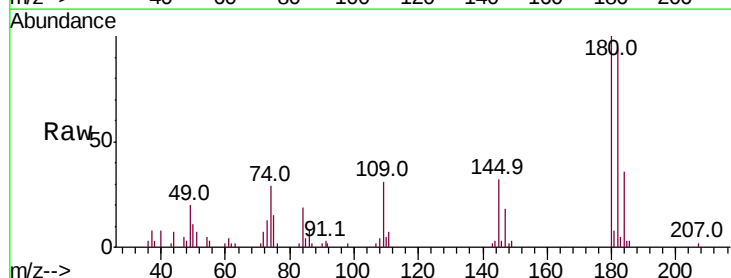
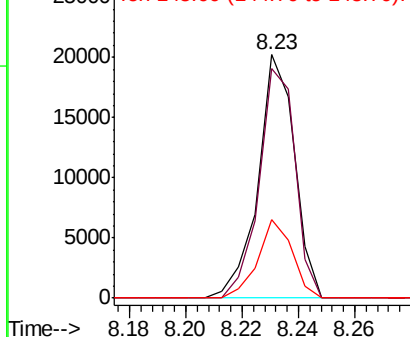
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

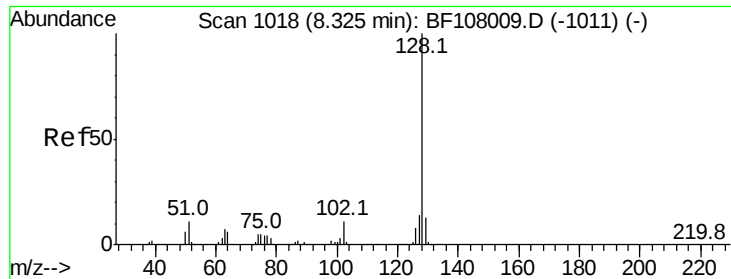


#30
1,2,4-Trichlorobenzene
Concen: 1.090 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	18091		
182	94.1		76.8	115.2
145	32.4		26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





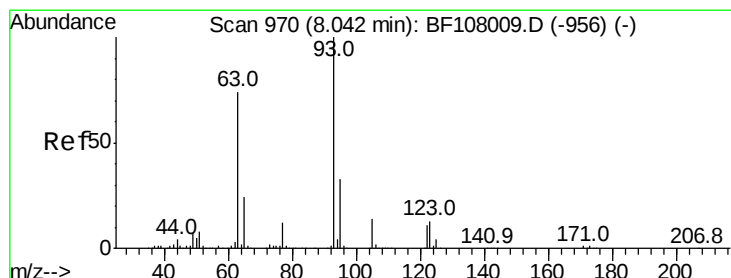
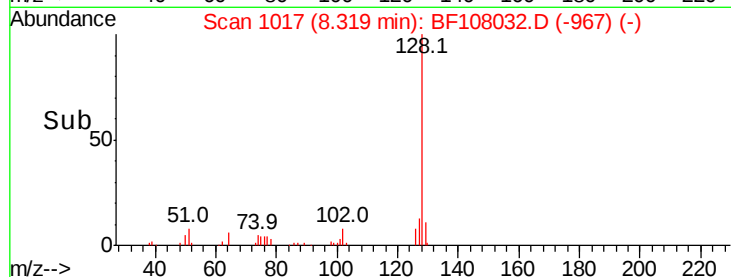
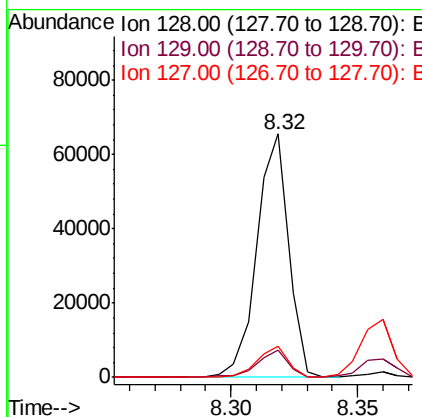
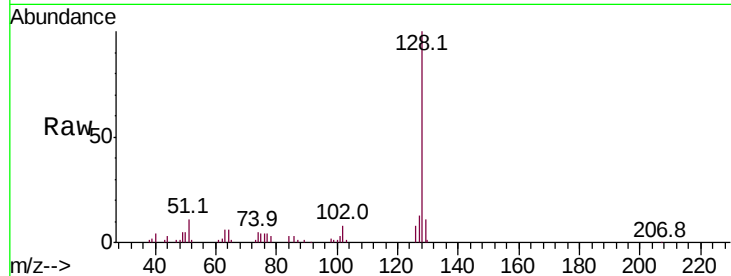
#31
Naphthalene
Concen: 1.169 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.9	16.3

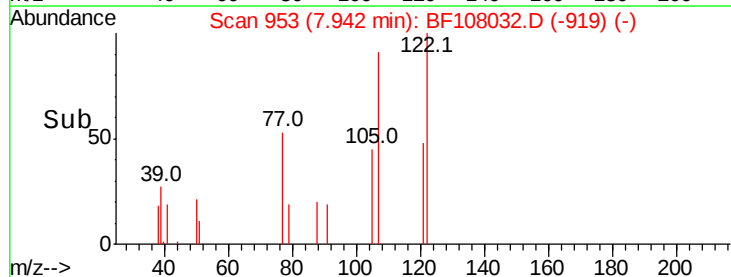
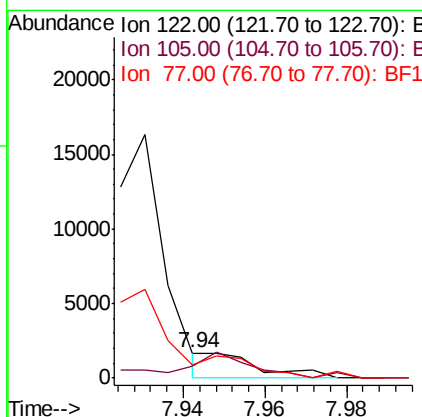
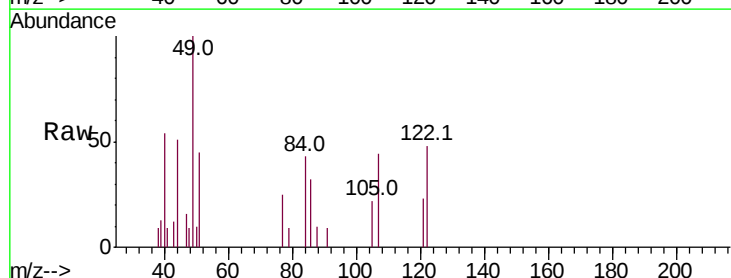
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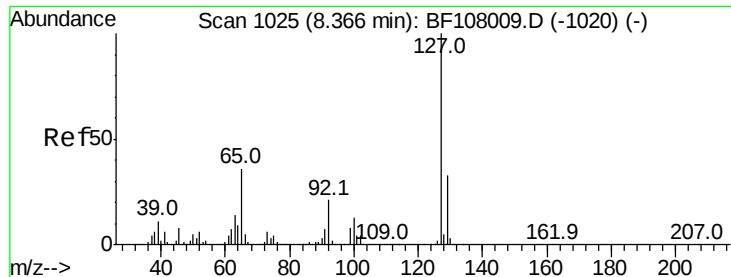
Sohil
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#32
Benzoic acid
Concen: 6.114 ng m
RT: 7.94 min Scan# 953
Delta R.T. -0.10 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	44.8	101.1	141.1#
77	52.6	70.7	110.7#





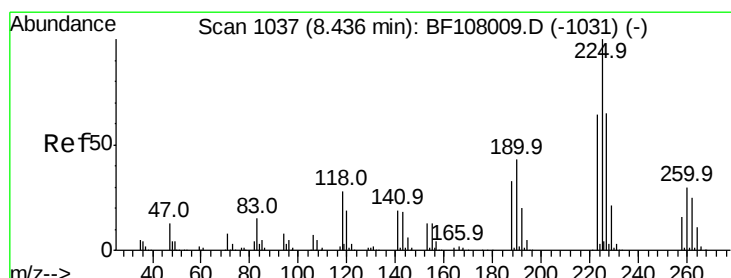
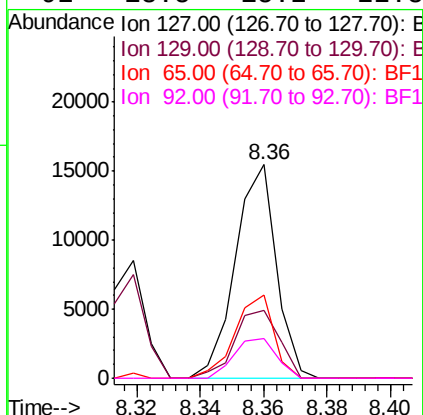
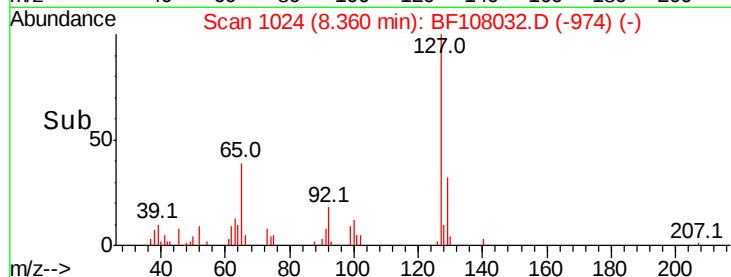
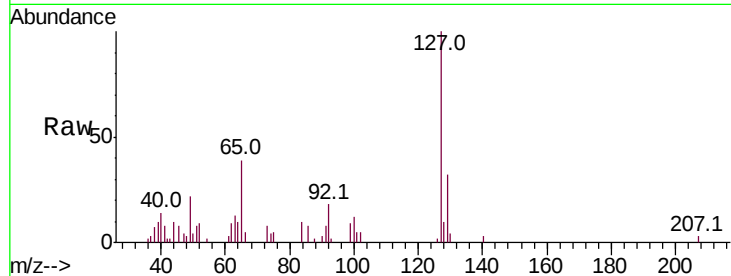
#33
4-Chloroaniline
Concen: 0.647 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	39.0	25.0	37.4
92	18.5	15.2	22.8

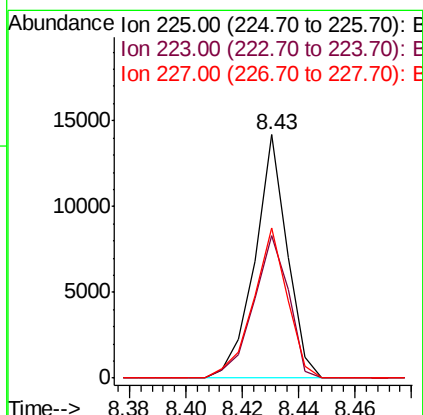
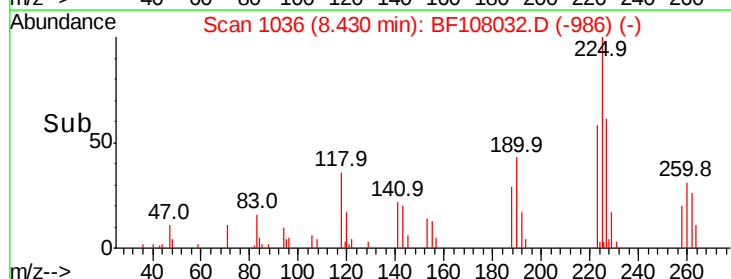
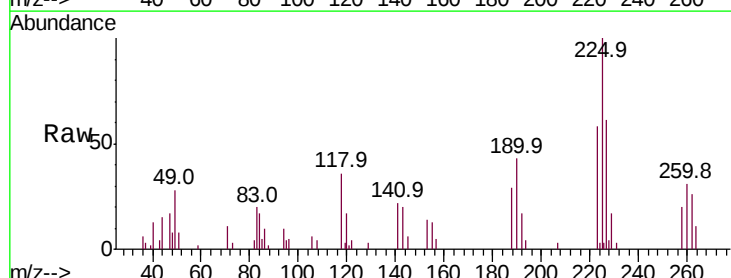
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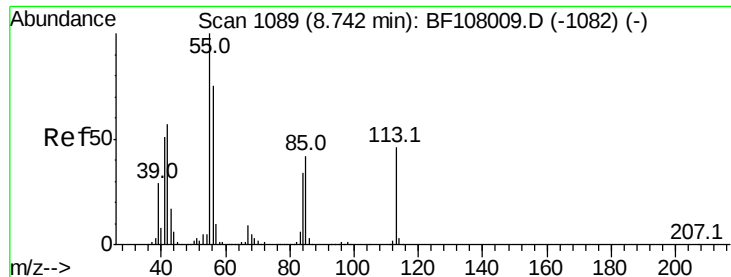
Sohil
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#34
Hexachlorobutadiene
Concen: 1.073 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.4	50.6	76.0
227	61.5	51.9	77.9





#35

Caprolactam

Concen: 0.801 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.07 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

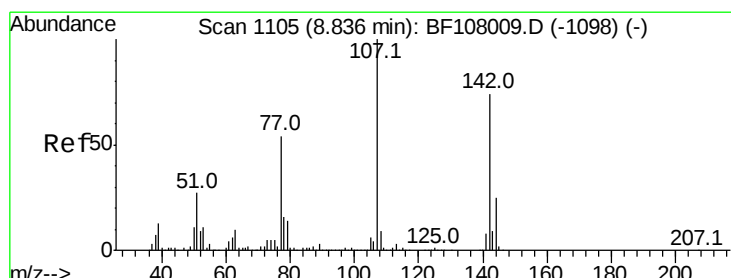
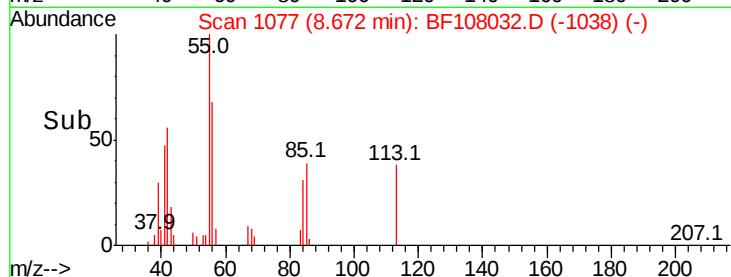
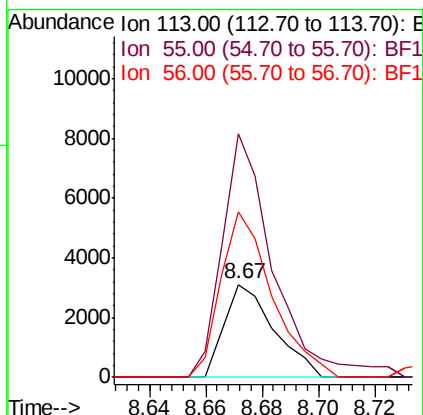
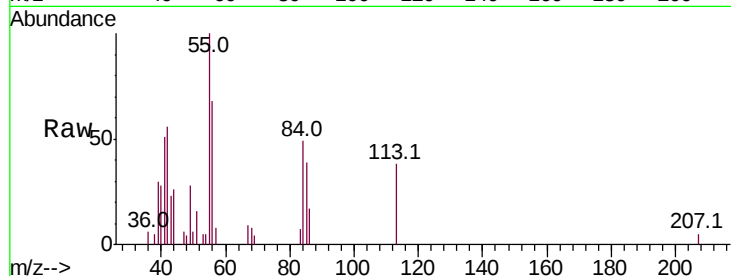
MDL-WATER-03-QT3-2018

Tot Ion:113 Resp: 3779

Ion	Ratio	Lower	Upper
113	100		
55	262.6	163.3	203.3#
56	178.2	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 0.899 ng

RT: 8.82 min Scan# 1103

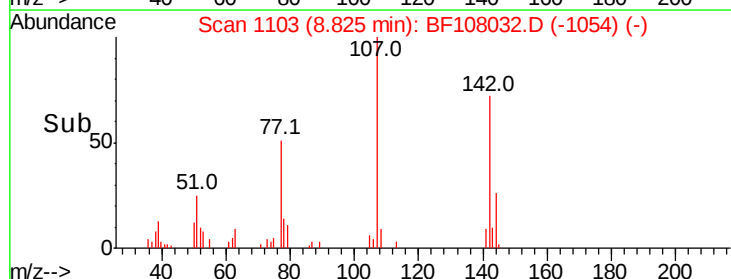
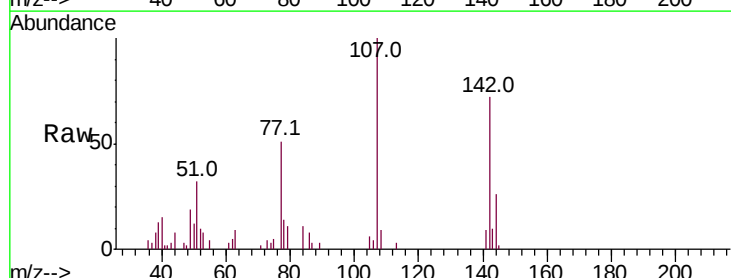
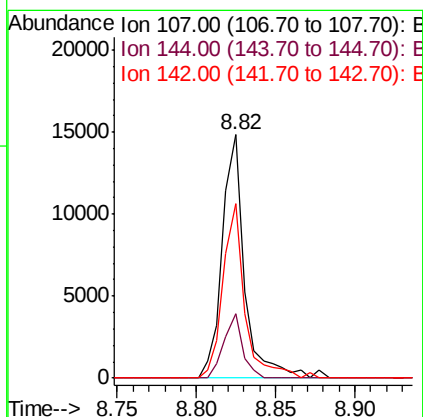
Delta R.T. -0.01 min

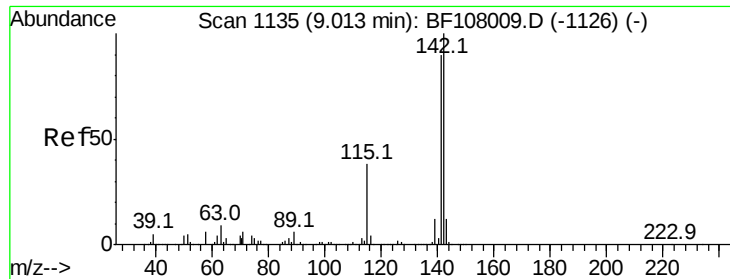
Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:107 Resp: 14596

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	71.7	62.0	93.0





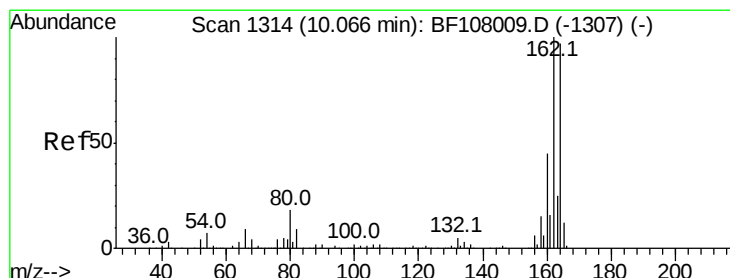
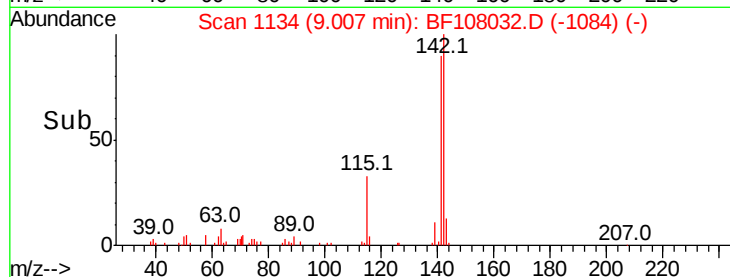
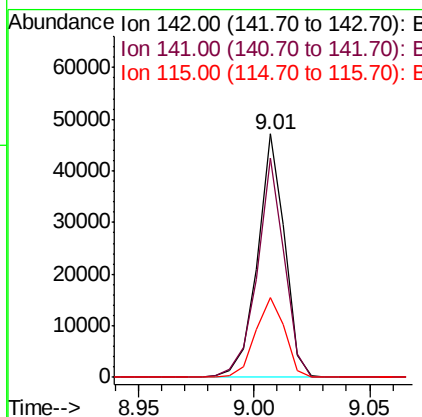
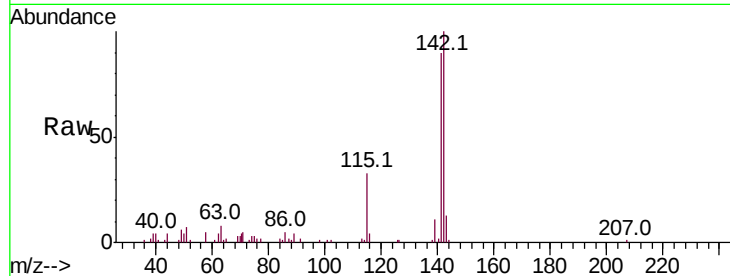
#37
2-Methylnaphthalene
Concen: 1.115 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.7	26.1	39.1

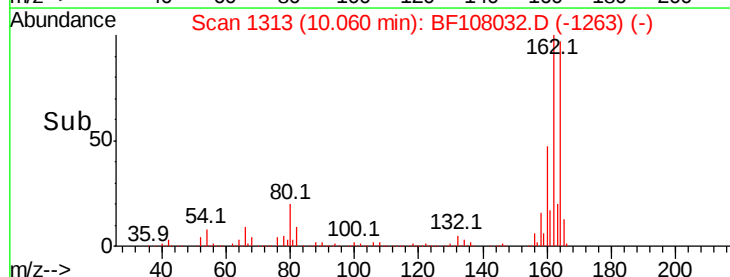
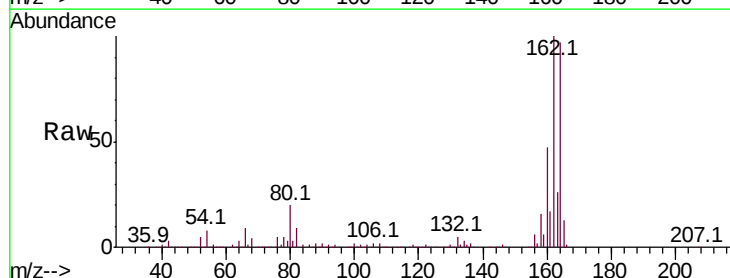
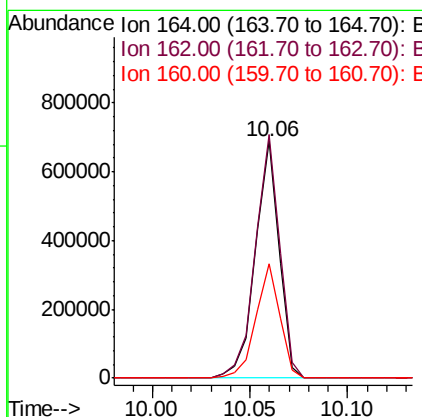
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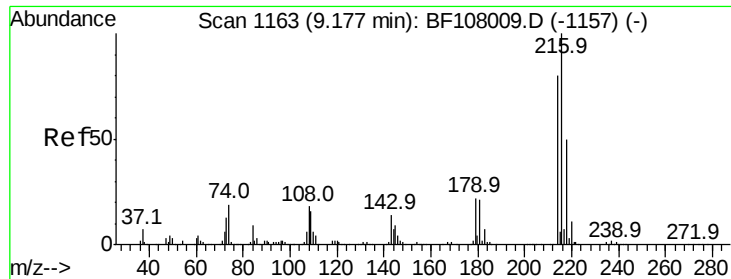
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	48.1	38.3	57.5





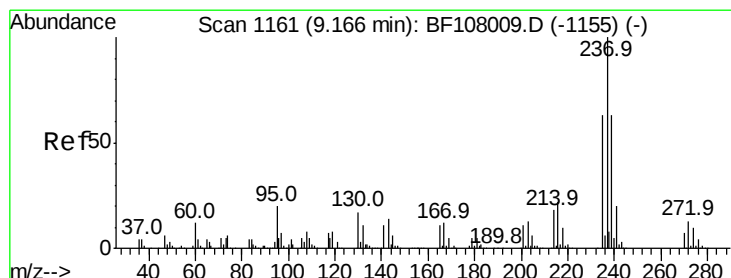
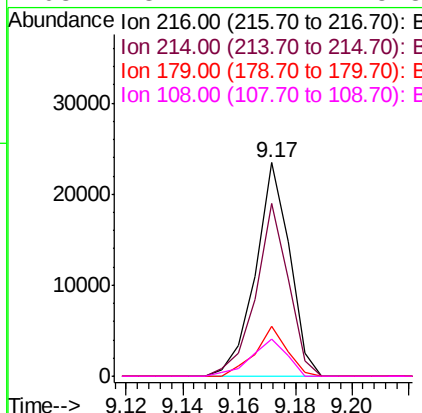
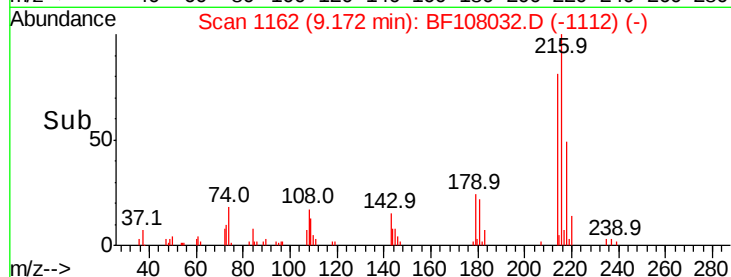
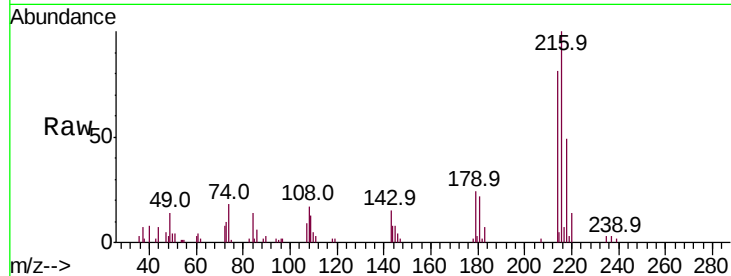
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.097 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion:	216	Resp:	19662
Ion Ratio	Lower	Upper	
216	100		
214	77.5	63.0	94.4
179	21.6	18.1	27.1
108	18.2	17.2	25.8

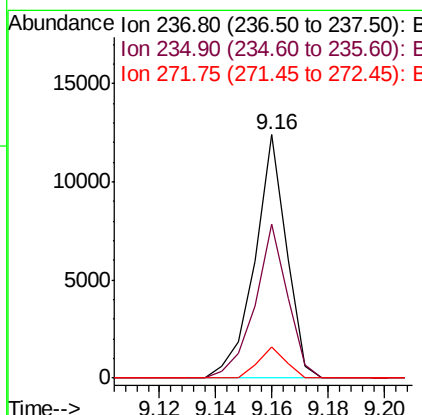
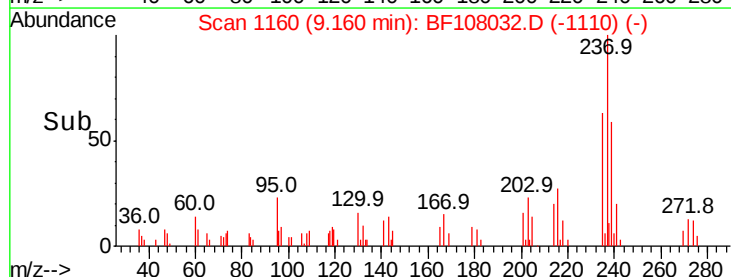
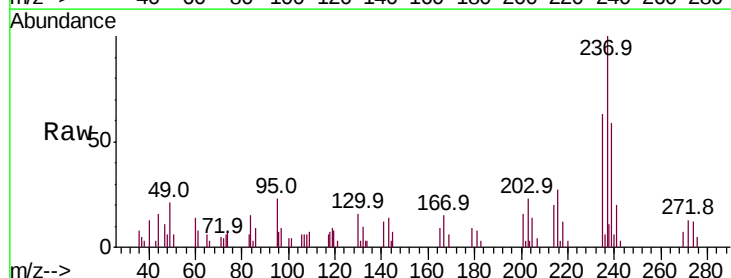
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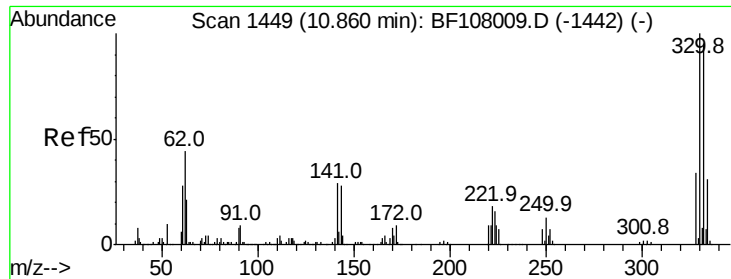
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 0.838 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:	237	Resp:	9698
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	12.8	0.0	33.3





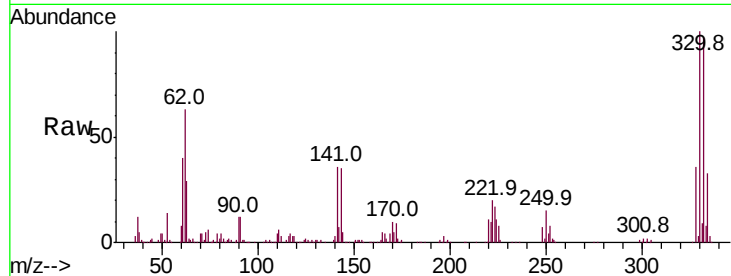
#41
 2,4,6-Tribromophenol
 Concen: 138.905 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

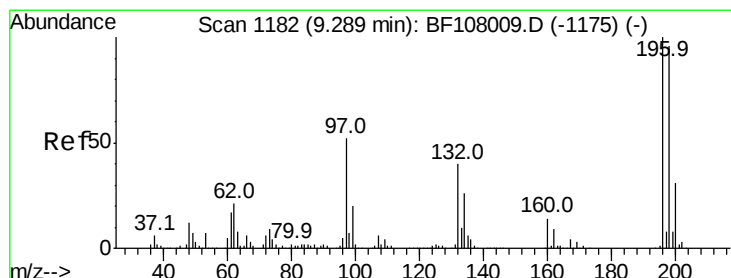
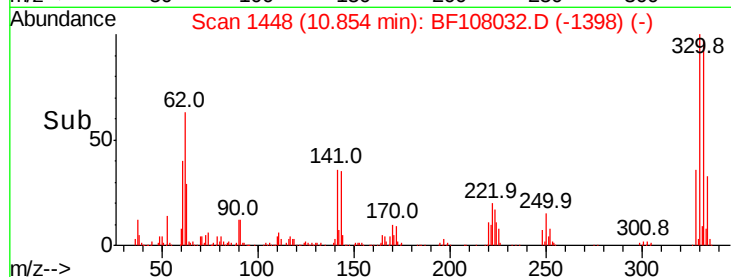
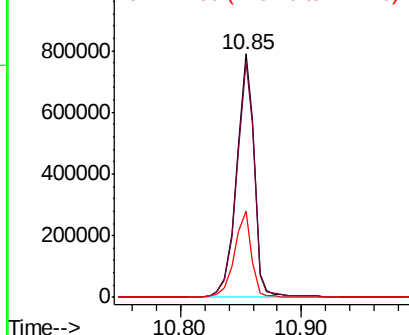
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	77.0	115.6	
141	34.7	29.9	44.9	

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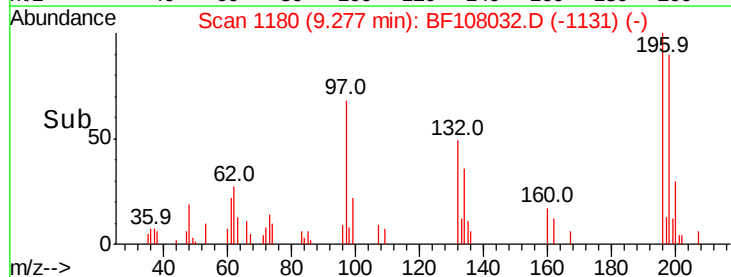
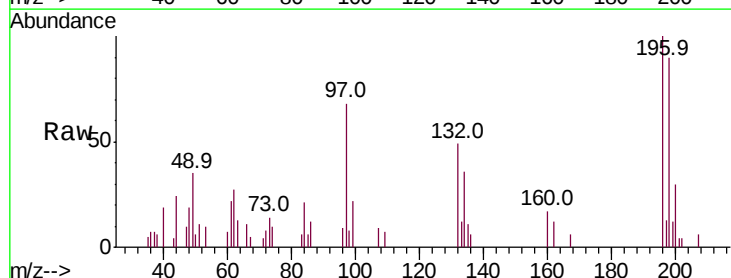
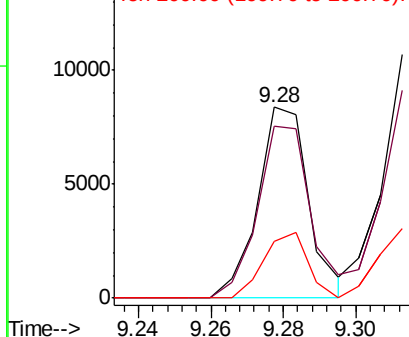
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

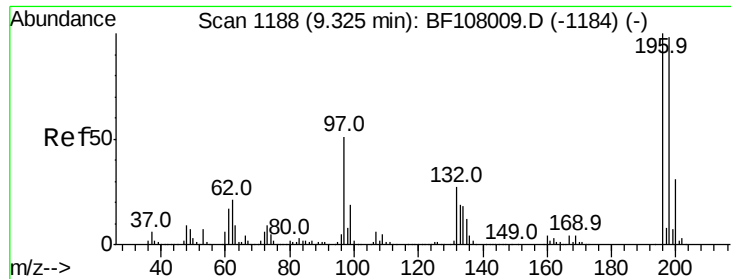


#42
 2,4,6-Trichlorophenol
 Concen: 0.736 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.9	75.7	113.5	
200	29.8	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





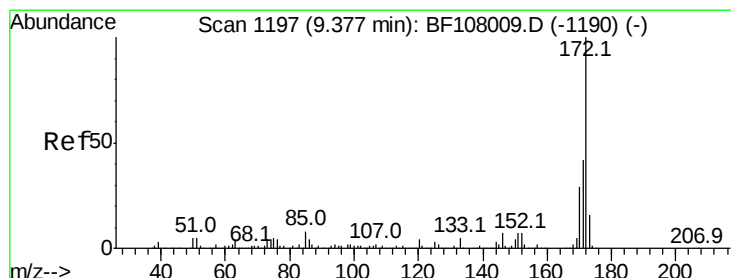
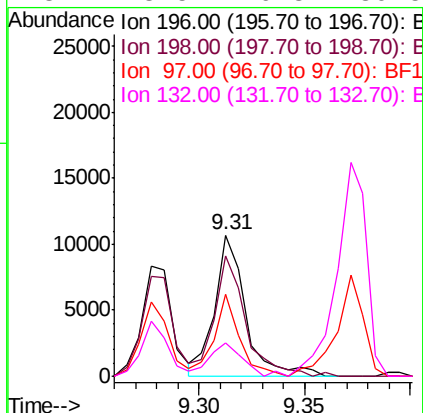
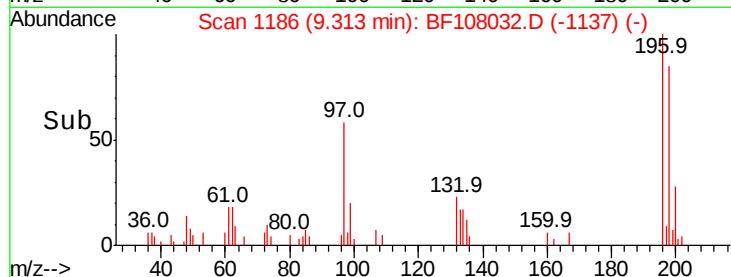
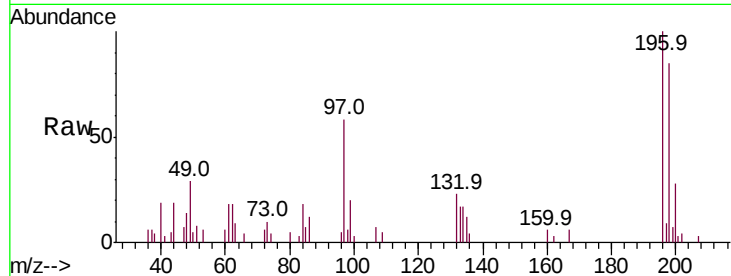
#43
 2,4,5-Trichlorophenol
 Concen: 0.894 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion:	196	Resp:	10945
Ion Ratio	Lower	Upper	
196	100		
198	85.2	74.6	112.0
97	57.6	42.9	64.3
132	23.5	26.3	39.5#

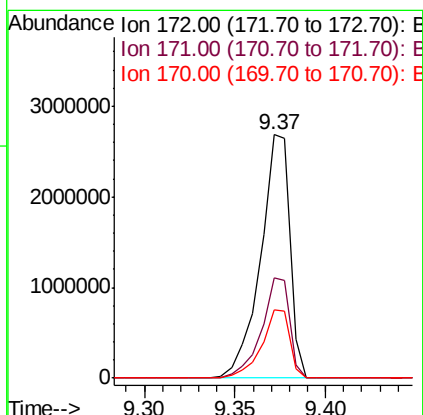
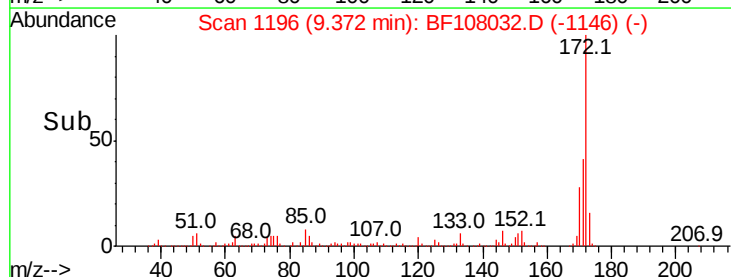
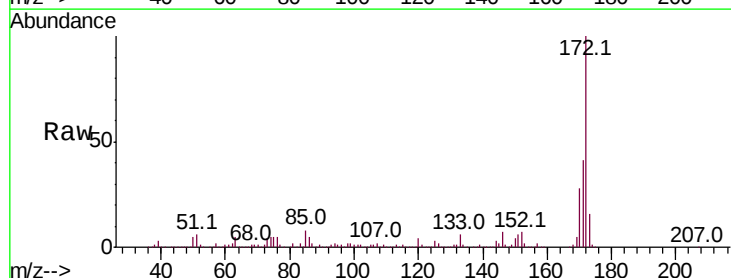
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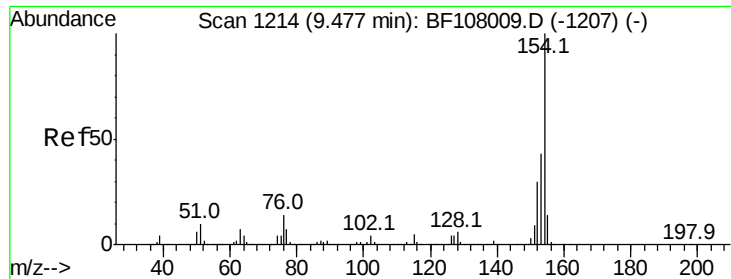
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#44
 2-Fluorobiphenyl
 Concen: 83.191 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:	172	Resp:	3024600
Ion Ratio	Lower	Upper	
172	100		
171	41.0	29.7	44.5
170	28.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 1.241 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

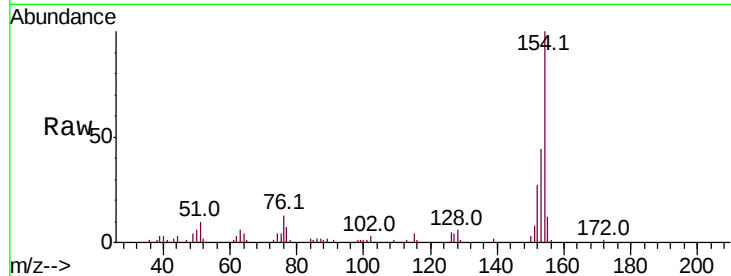
ClientSampleId :

MDL-WATER-03-QT3-2018

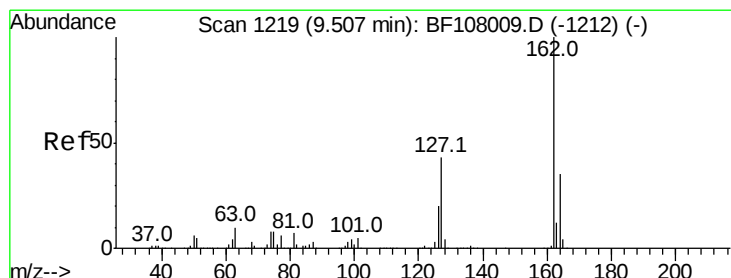
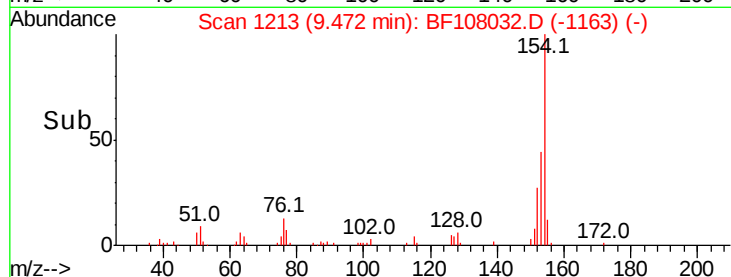
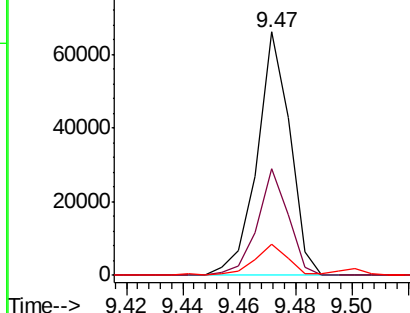
Tot Ion:	154	Resp:	53429
Ion Ratio	Lower	Upper	
154	100		
153	43.7	21.3	61.3
76	13.0	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 1.122 ng

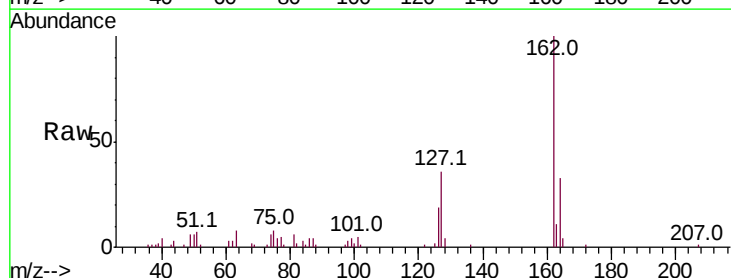
RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

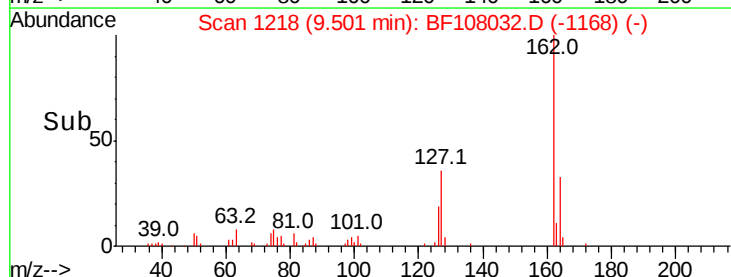
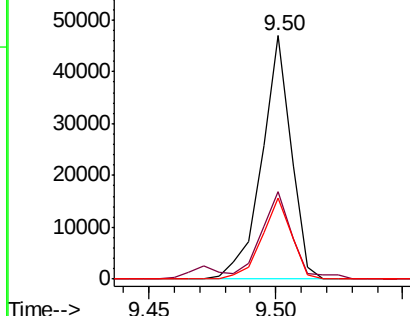
Lab File: BF108032.D

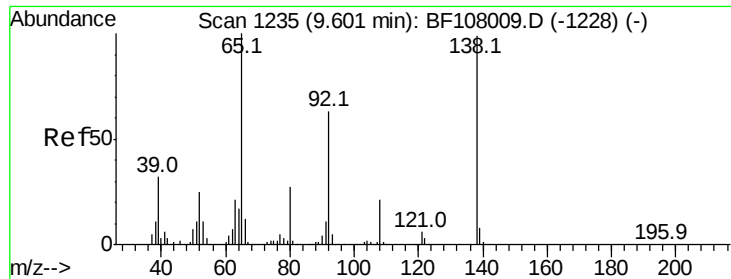
Acq: 8 Aug 2018 21:03

Tgt Ion:	162	Resp:	38179
Ion Ratio	Lower	Upper	
162	100		
127	36.1	33.9	50.9
164	33.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





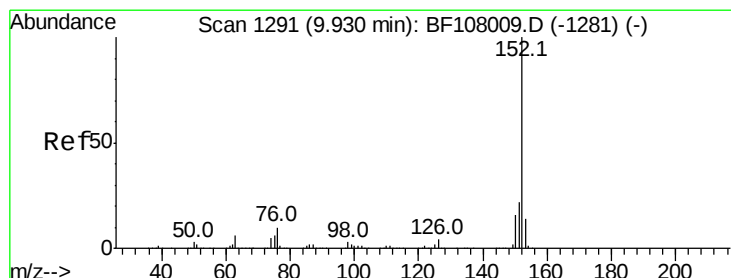
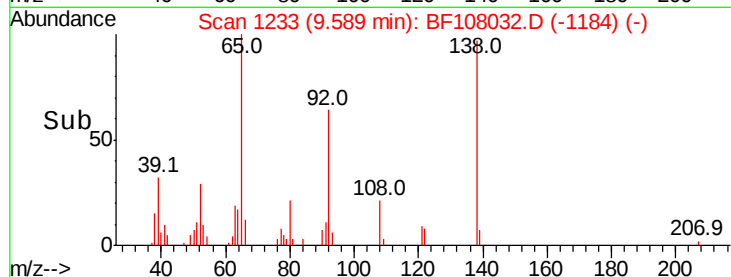
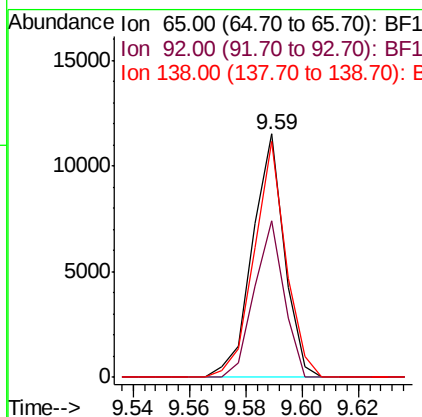
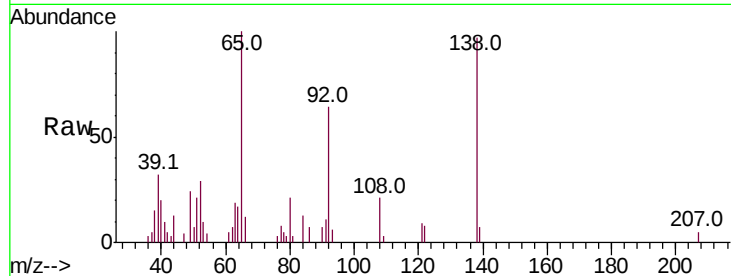
#47
2-Nitroaniline
Concen: 0.820 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	96.9	91.2	136.8

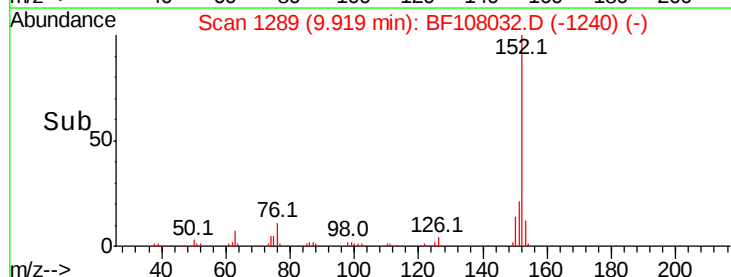
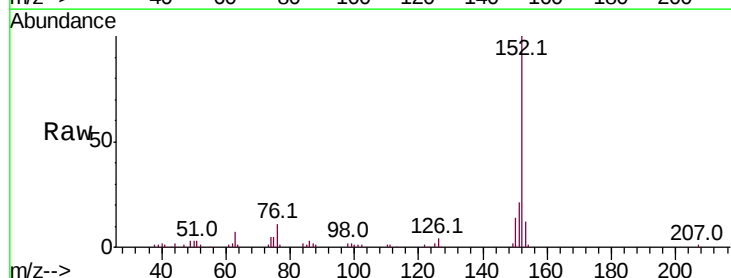
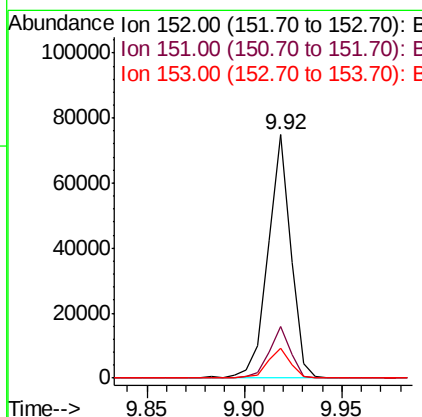
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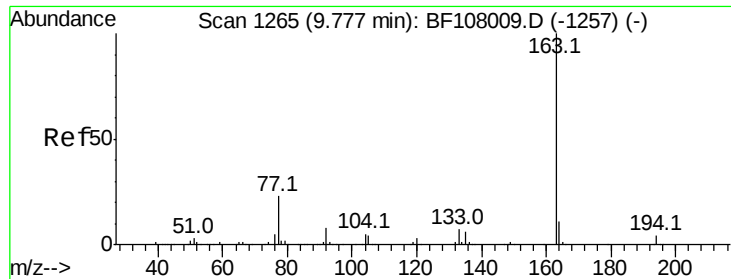
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#48
Acenaphthylene
Concen: 1.124 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	12.3	10.7	16.1





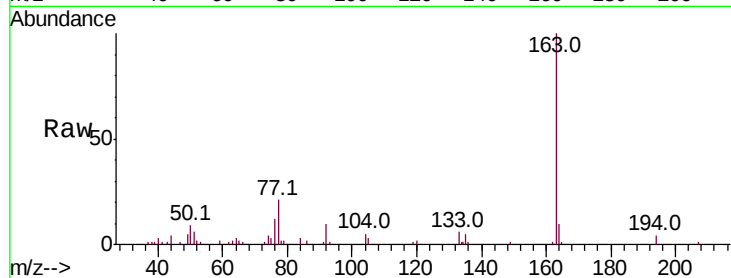
#49
 Dimethylphthalate
 Concen: 1.091 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

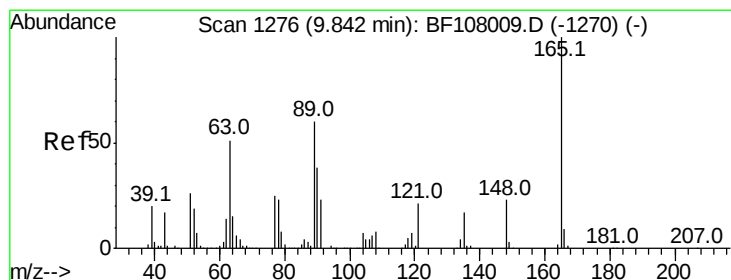
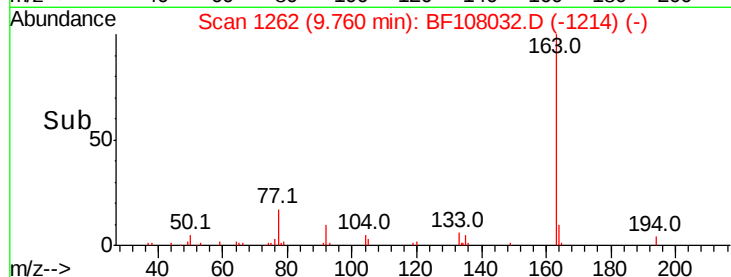
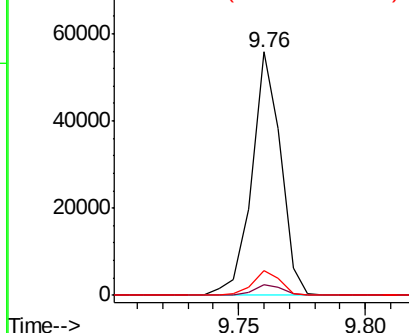
Tot Ion:	163	Resp:	44348
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2

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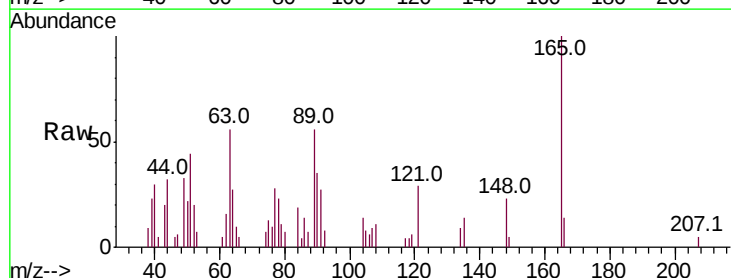


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

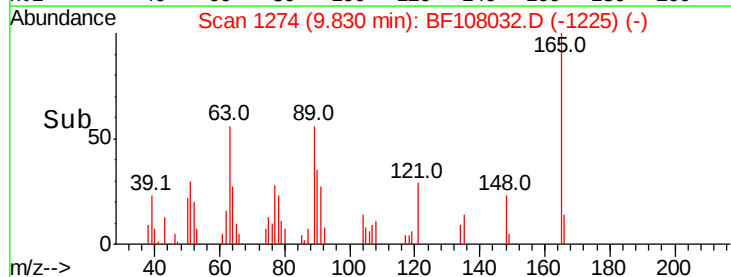
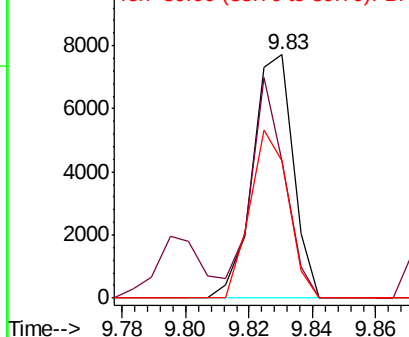


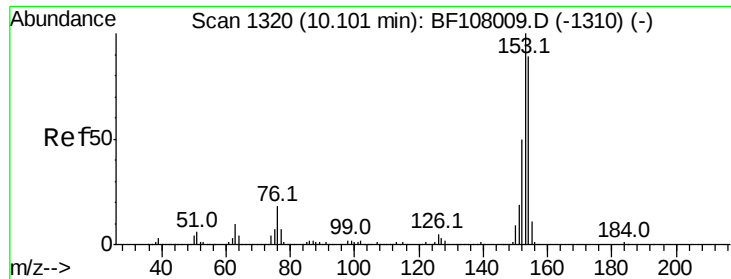
#50
 2,6-Dinitrotoluene
 Concen: 0.809 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion:	165	Resp:	6883
Ion Ratio	Lower	Upper	
165	100		
63	56.2	44.7	67.1
89	56.5	44.0	66.0



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





#51

Acenaphthene

Concen: 1.099 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:154 Resp: 36189

Ion Ratio Lower Upper

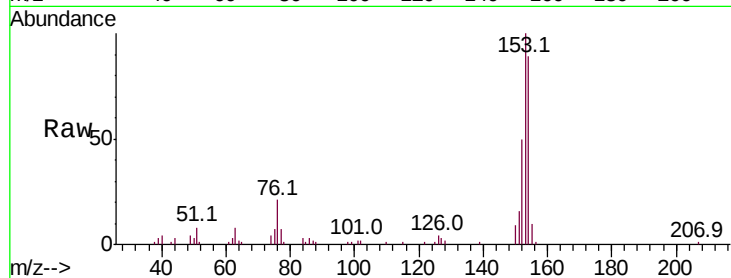
154 100

153 112.8 91.2 136.8

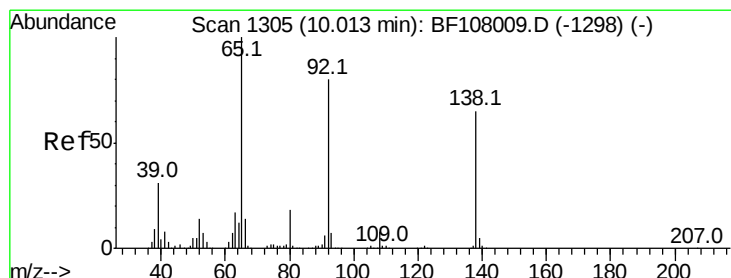
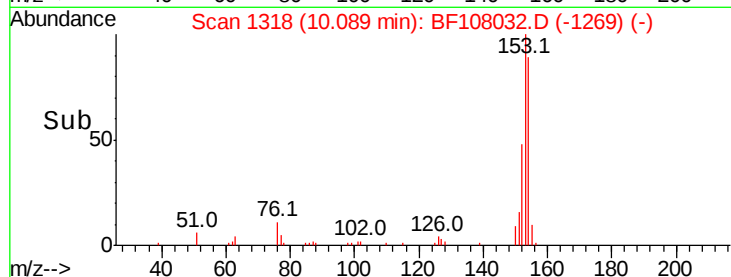
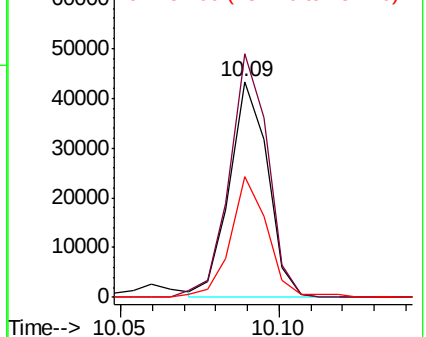
152 56.2 43.8 65.8

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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: 0.734 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

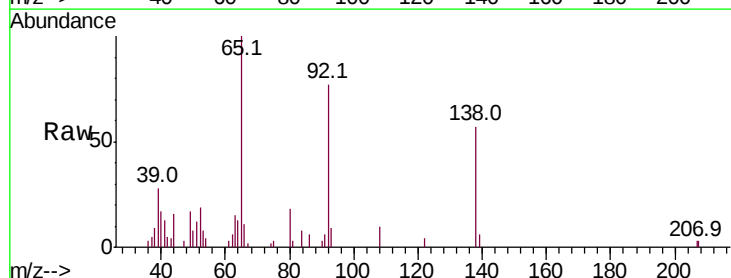
Tgt Ion:138 Resp: 6830

Ion Ratio Lower Upper

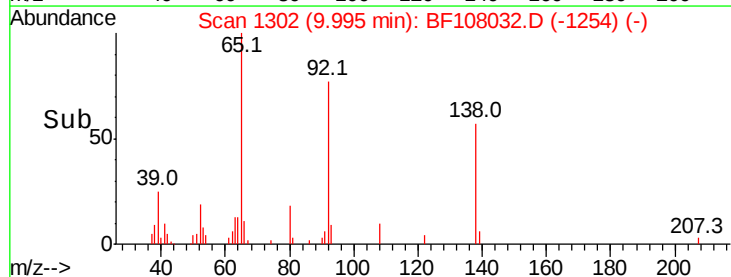
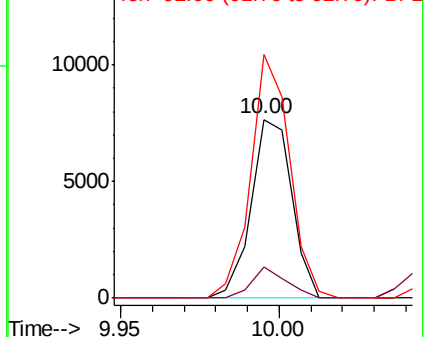
138 100

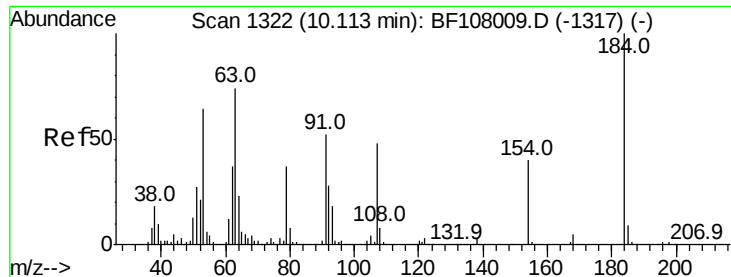
108 17.2 9.4 14.0#

92 136.3 89.4 134.2#



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





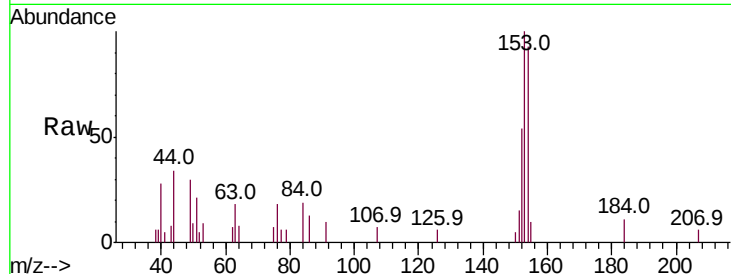
#53
2,4-Dinitrophenol
Concen: 7.192 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	163.5	54.2	81.2#
154	837.0	184.0	276.0#

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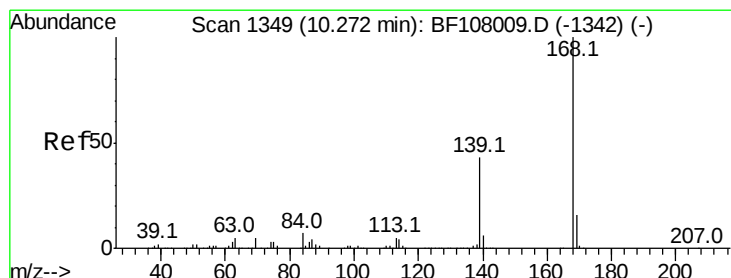
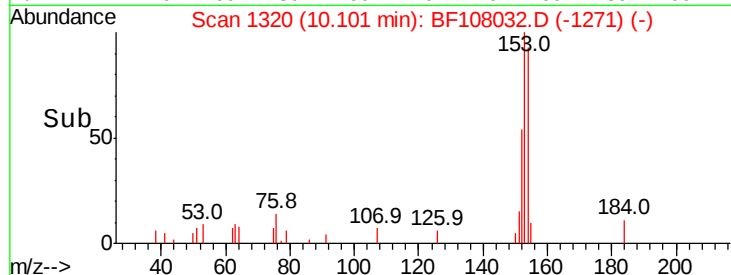
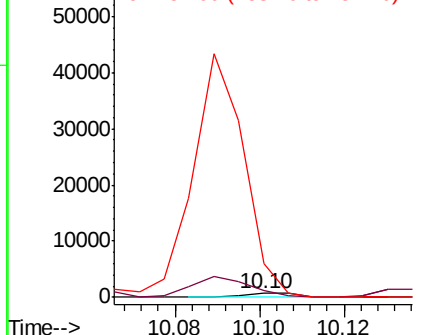


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 1.135 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

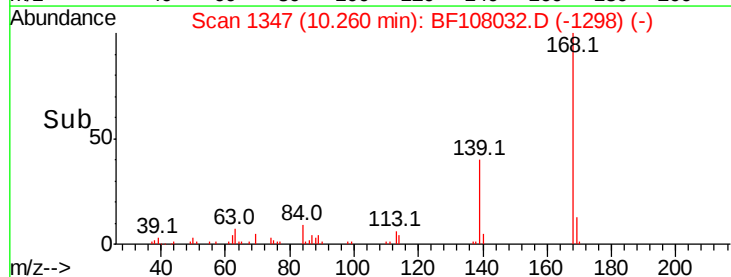
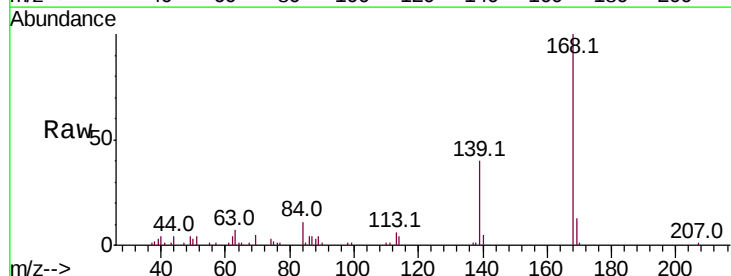
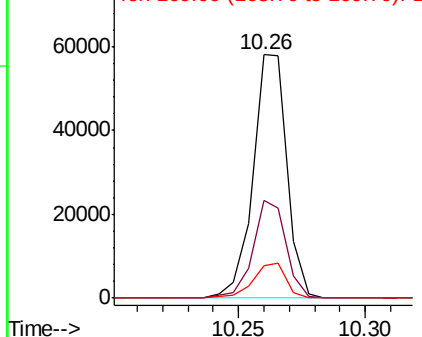
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	13.4	10.9	16.3

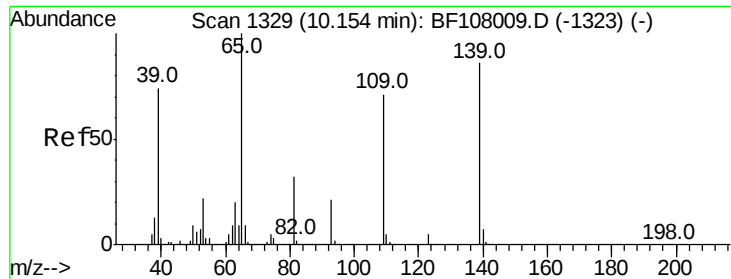
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.547 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

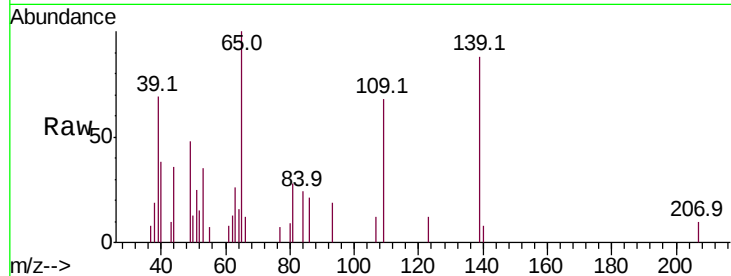
ClientSampleId :

MDL-WATER-03-QT3-2018

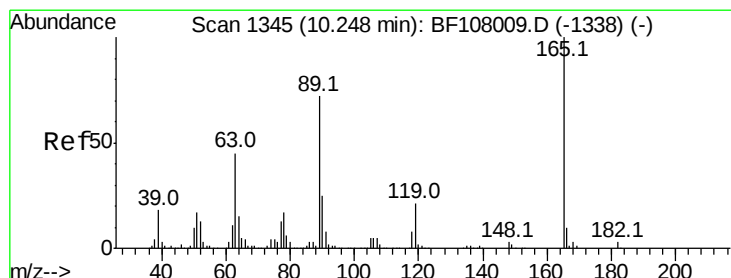
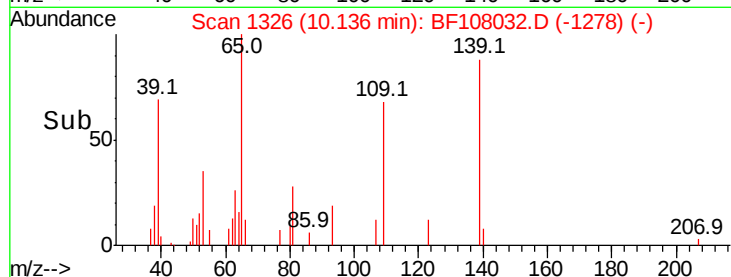
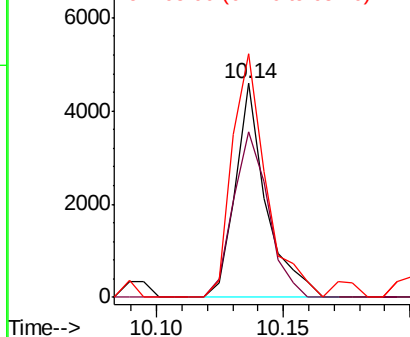
Tot Ion:	139	Resp:	3855
Ion Ratio	Lower	Upper	
139	100		
109	77.5	48.4	88.4
65	114.0	72.6	112.6#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 0.699 ng

RT: 10.23 min Scan# 1342

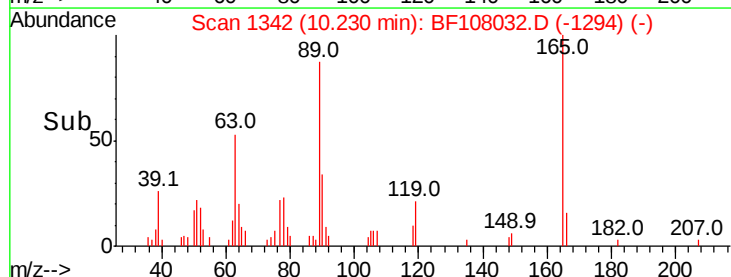
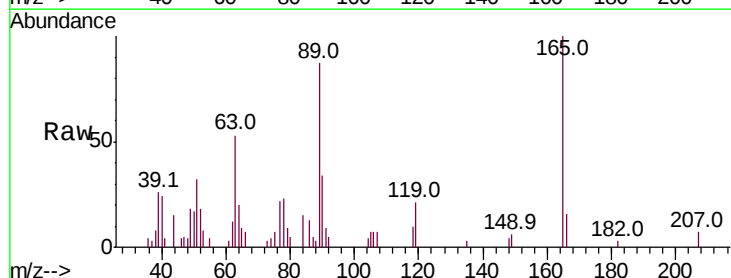
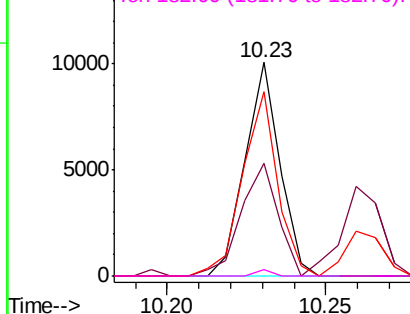
Delta R.T. -0.02 min

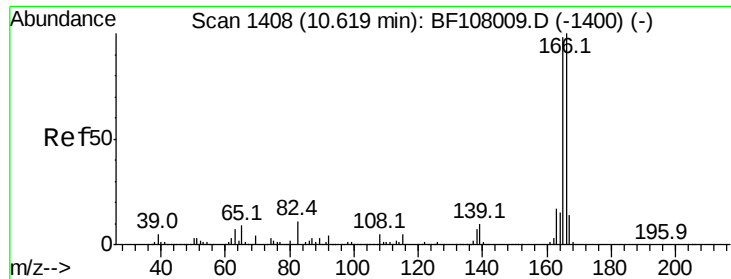
Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	165	Resp:	7657
Ion Ratio	Lower	Upper	
165	100		
63	52.7	36.4	54.6
89	86.5	57.8	86.6
182	3.3	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 1.178 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

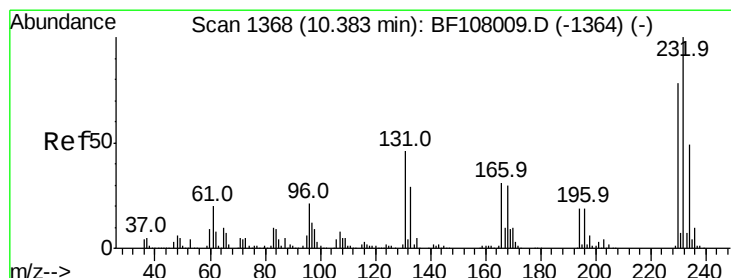
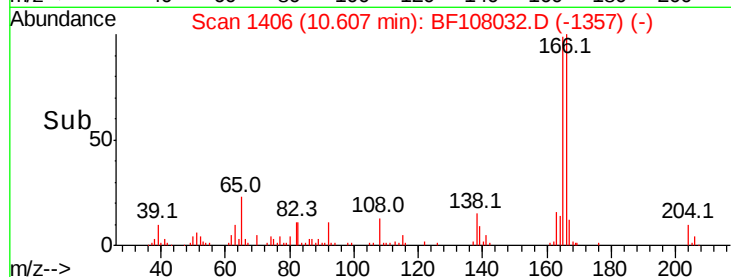
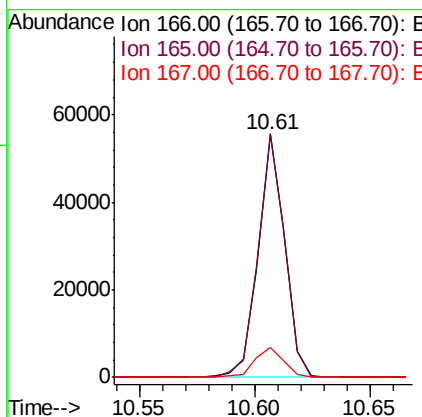
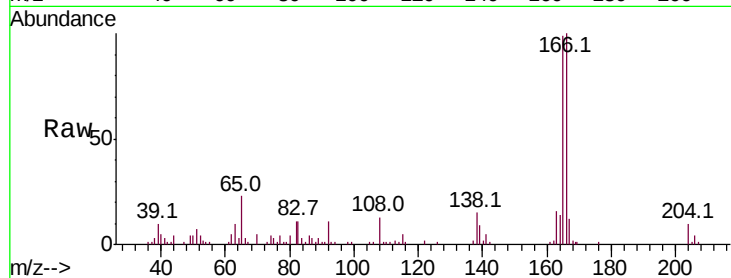
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	166	Resp:	44512
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.8	119.8
167	12.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 0.725 ng

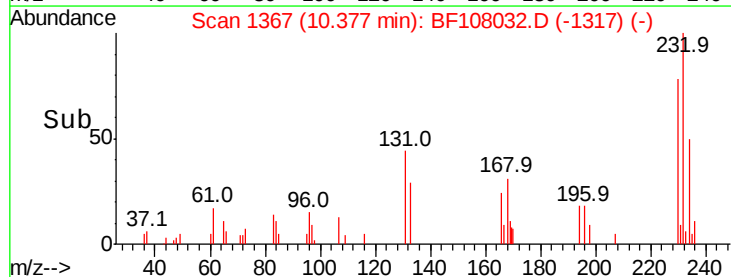
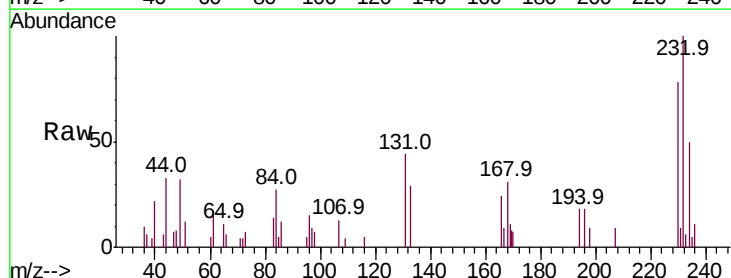
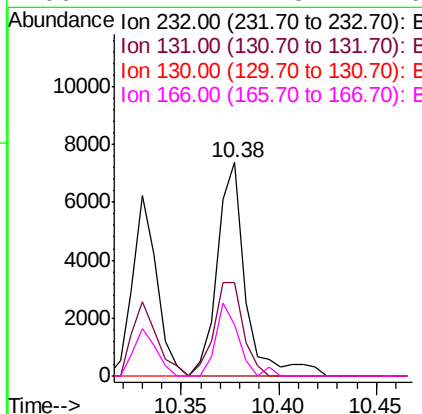
RT: 10.38 min Scan# 1367

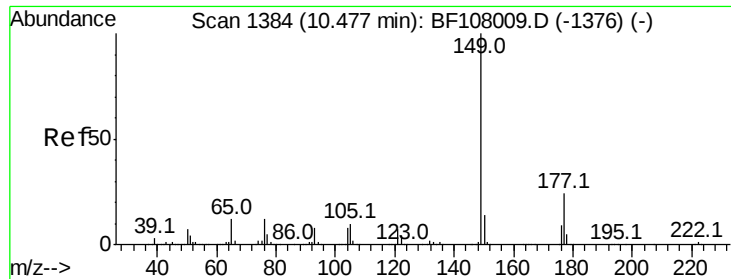
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	232	Resp:	7418
Ion Ratio	Lower	Upper	
232	100		
131	45.4	43.8	65.8
130	0.0	2.1	3.1#
166	27.7	27.8	41.6#





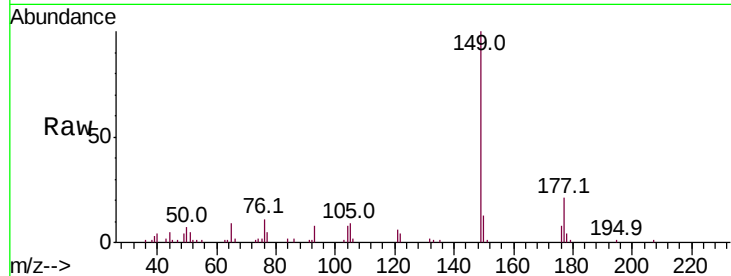
#59
Diethylphthalate
Concen: 1.088 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

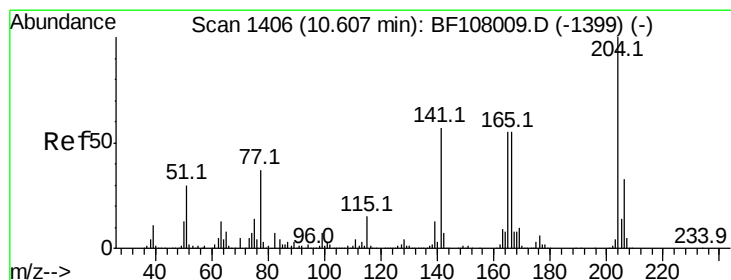
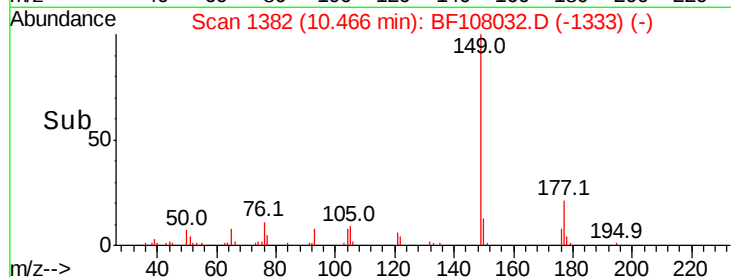
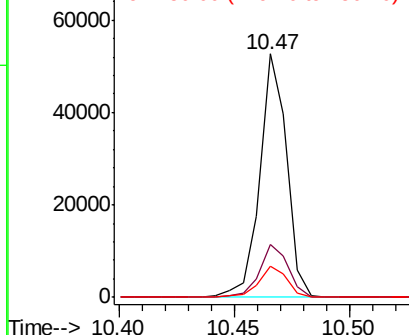
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	10.1	15.1

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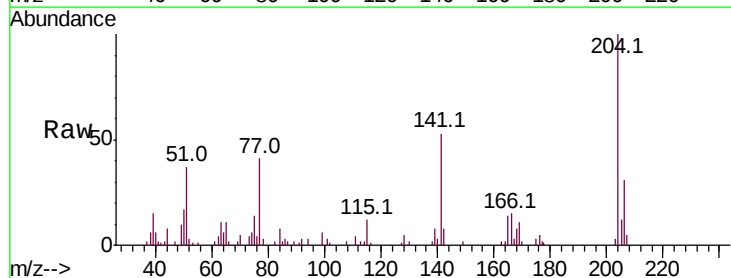


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

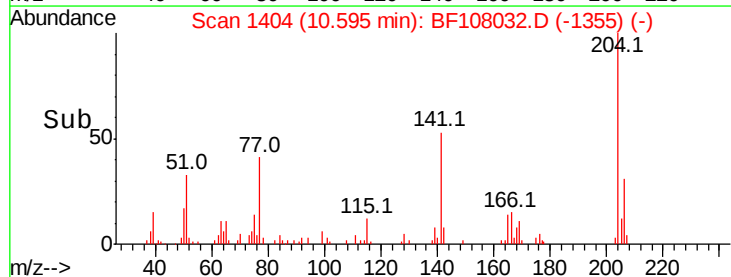
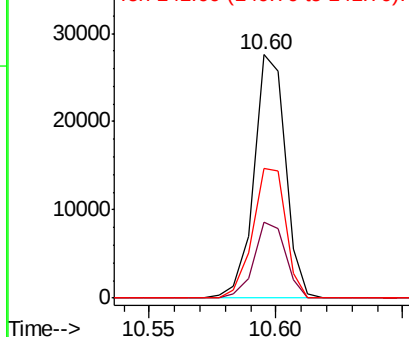


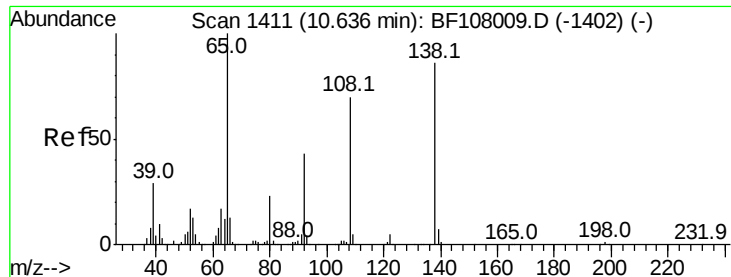
#60
4-Chlorophenyl-phenylether
Concen: 1.223 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.5	39.7
141	53.2	54.6	81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





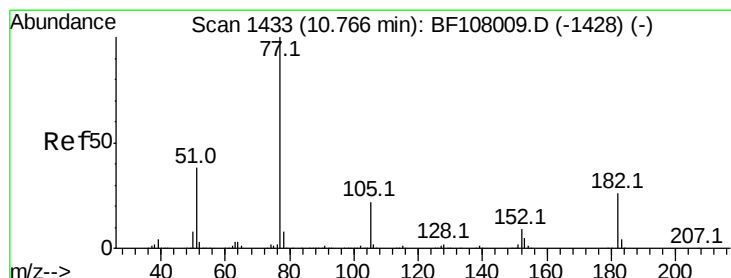
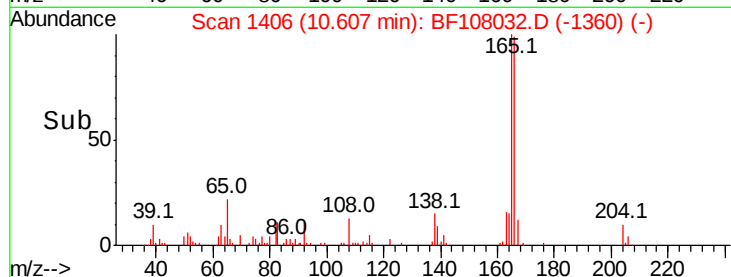
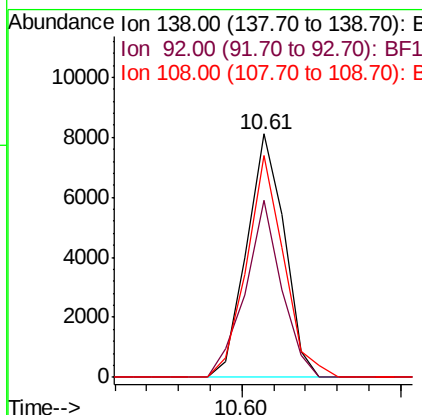
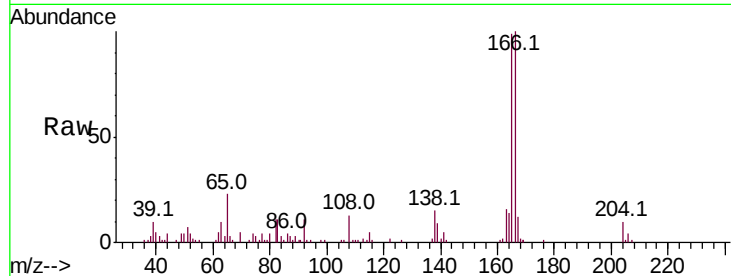
#61
4-Nitroaniline
Concen: 0.725 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.9	30.2	70.2#
108	90.9	52.5	92.5

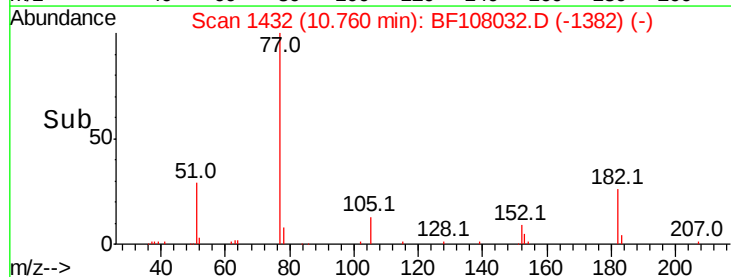
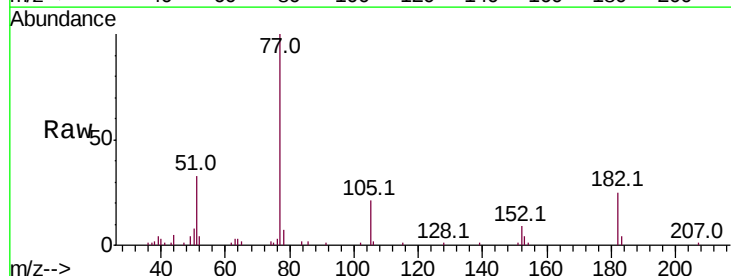
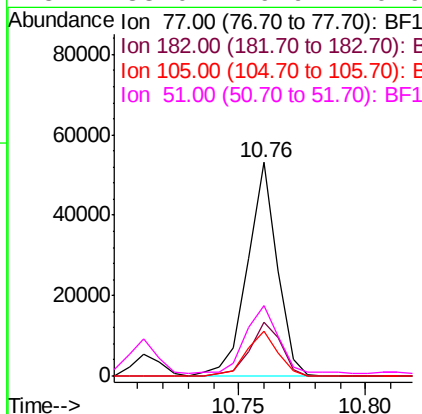
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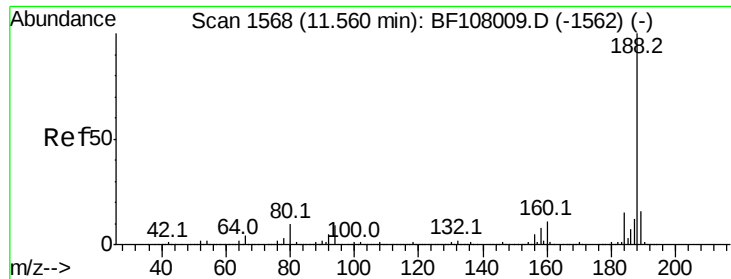
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#62
Azobenzene
Concen: 1.070 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	20.7	3.0	43.0
51	33.0	9.9	49.9





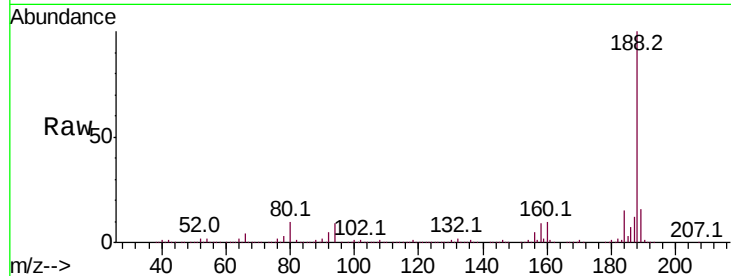
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

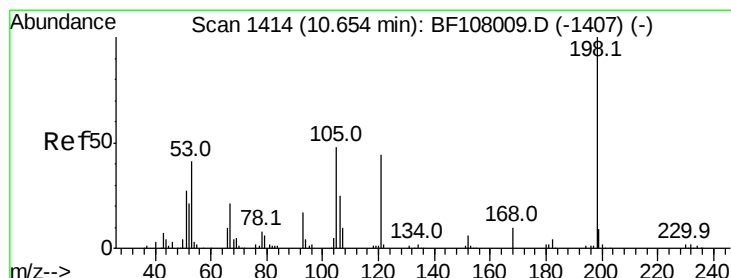
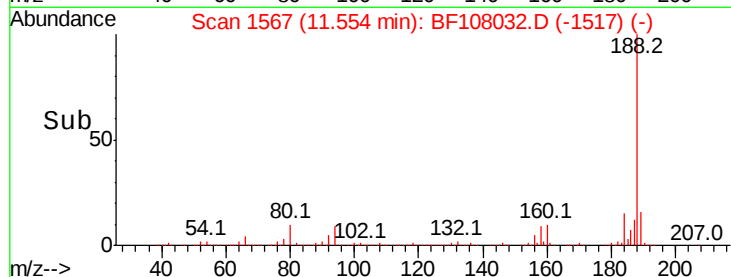
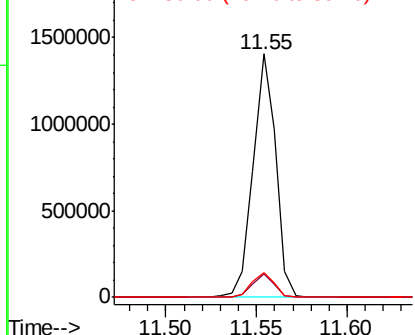
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

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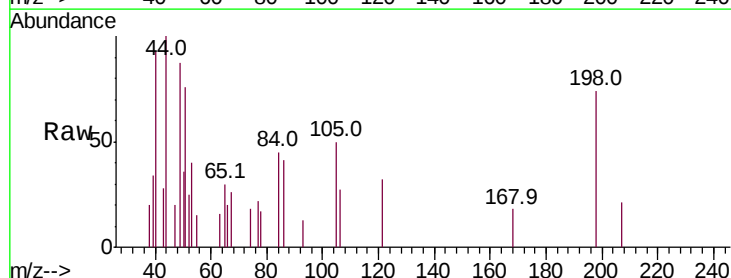


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

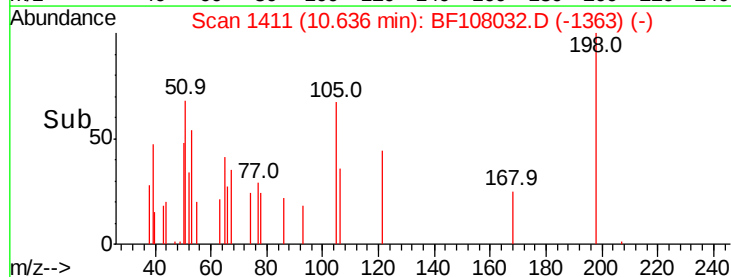
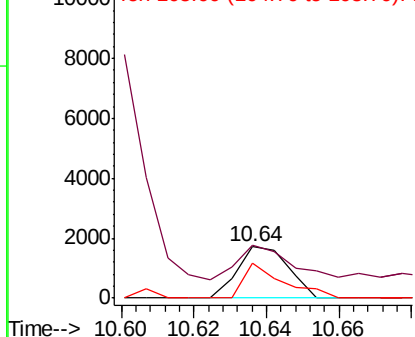


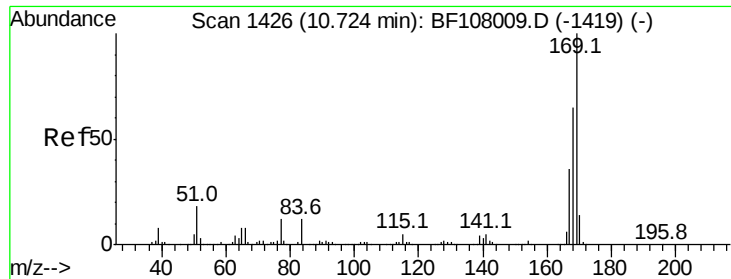
#64
4,6-Dinitro-2-methylphenol
Concen: 5.683 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	102.8	37.7	77.7#
105	67.4	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





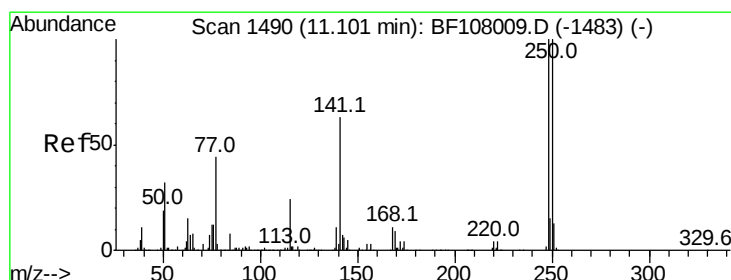
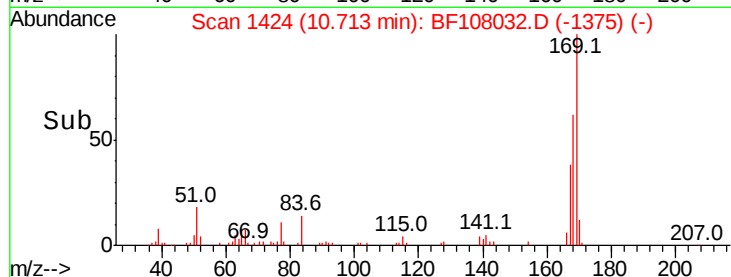
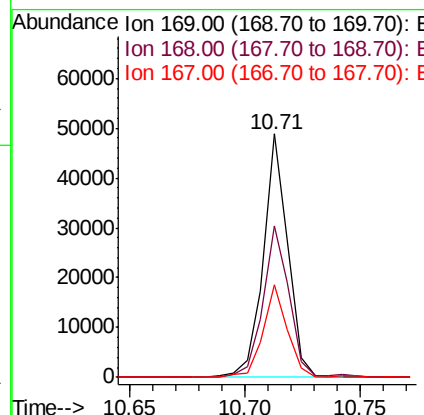
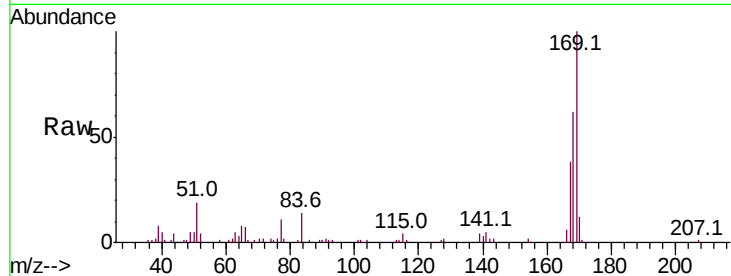
#65
n-Nitrosodiphenylamine
Concen: 1.008 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	62.2	54.4	81.6	
167	37.9	29.8	44.6	

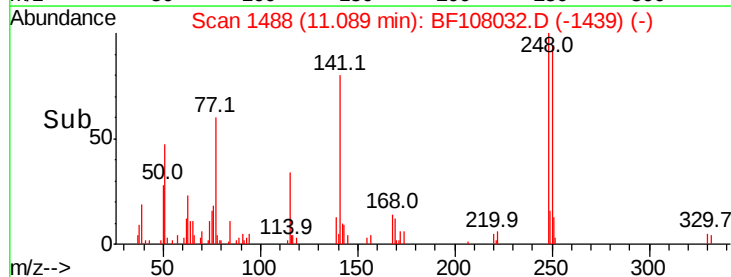
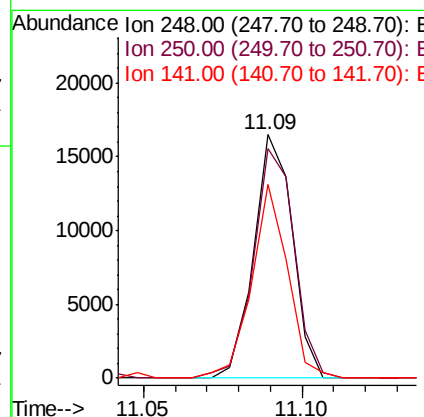
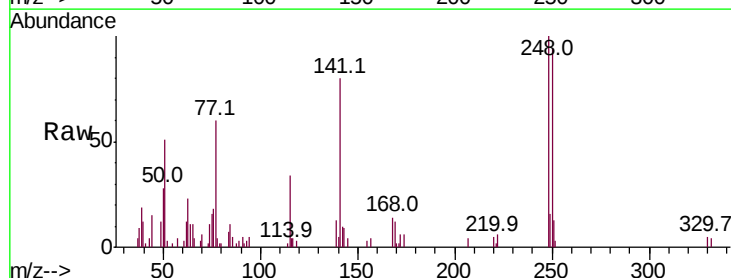
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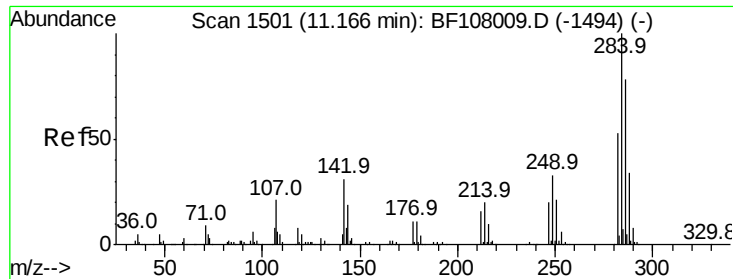
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#66
4-Bromophenyl-phenylether
Concen: 1.054 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.1	76.9	115.3	
141	79.6	74.4	111.6	





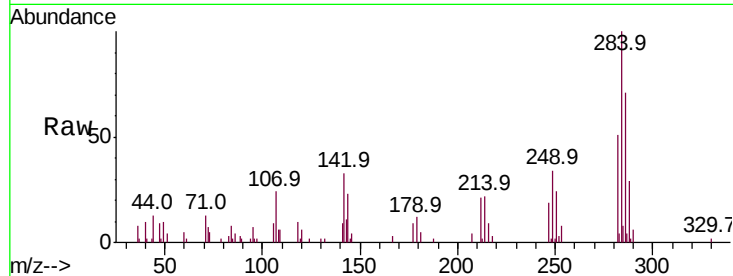
#67
Hexachlorobenzene
Concen: 1.083 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.1	34.6	52.0	
249	33.5	24.8	37.2	

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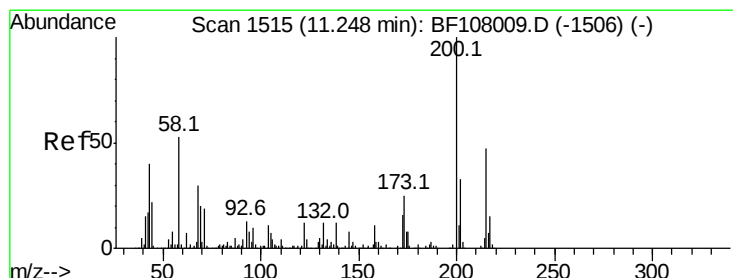
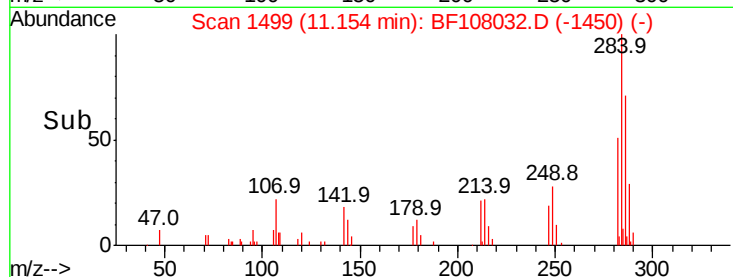
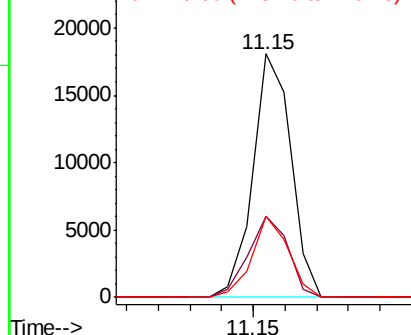


Abundance

Ion 283.80 (283.50 to 284.50): E

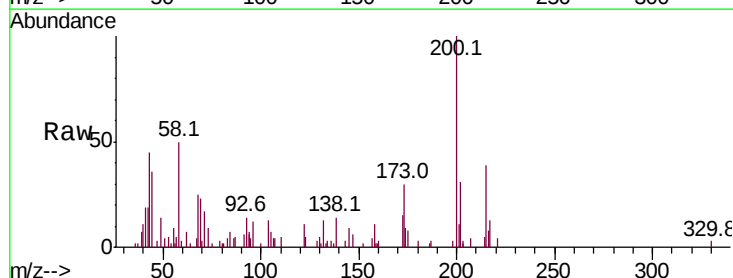
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 0.952 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.4	8.6	48.6	
215	39.4	25.1	65.1	

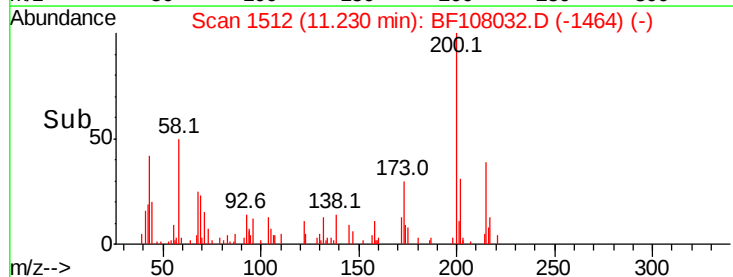
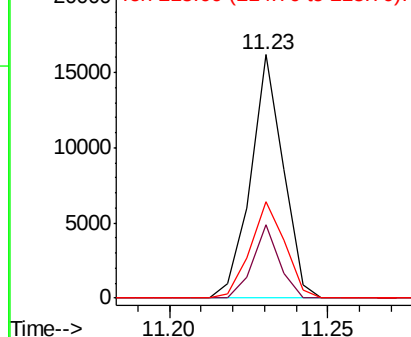


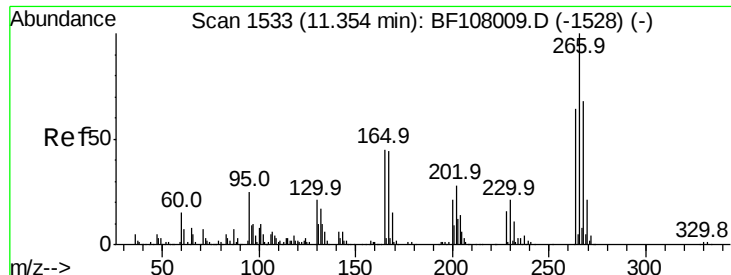
Abundance

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





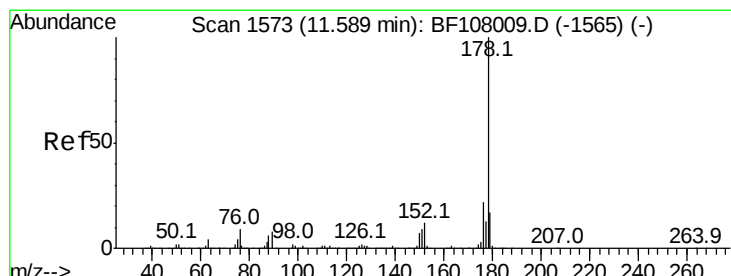
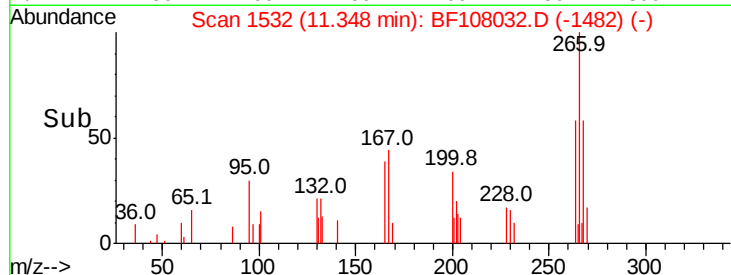
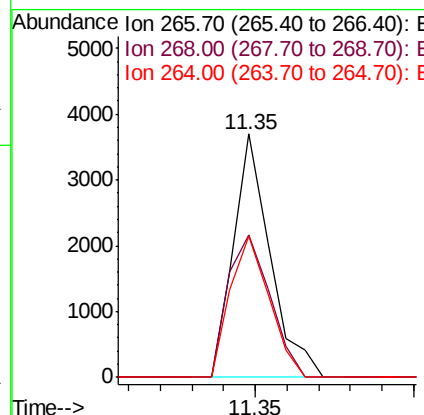
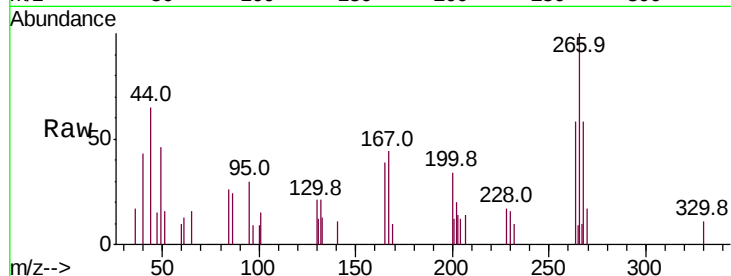
#69
 Pentachlorophenol
 Concen: 0.443 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.3	51.1	76.7
264	58.1	49.5	74.3

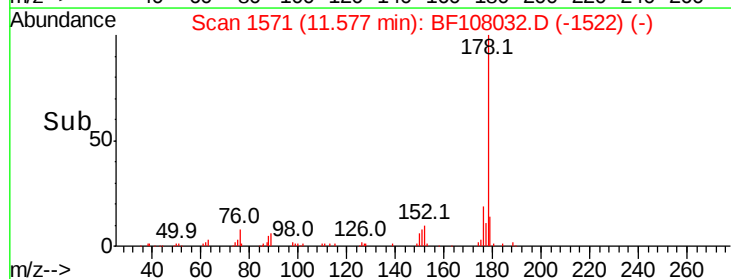
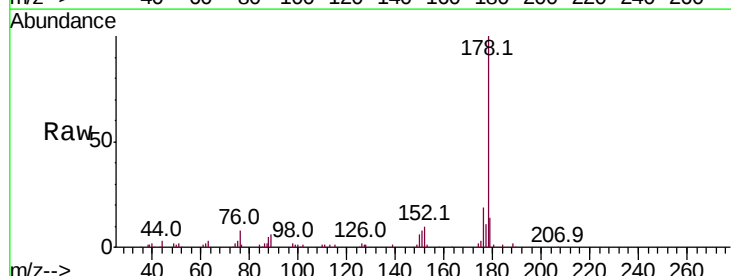
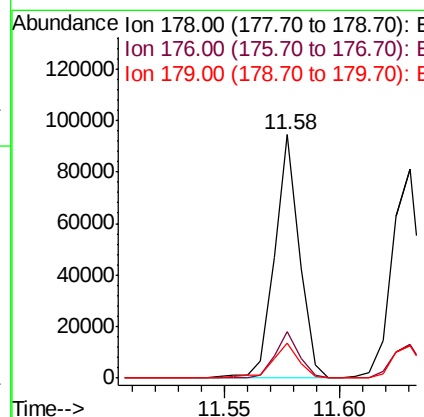
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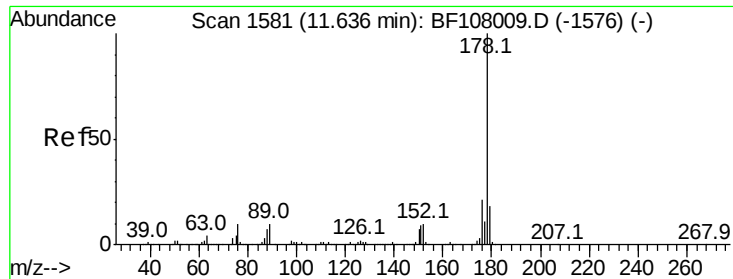
Sohil
 8/9/2018 5:01:34 PM



#70
 Phenanthrene
 Concen: 1.218 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.4	13.0	19.6





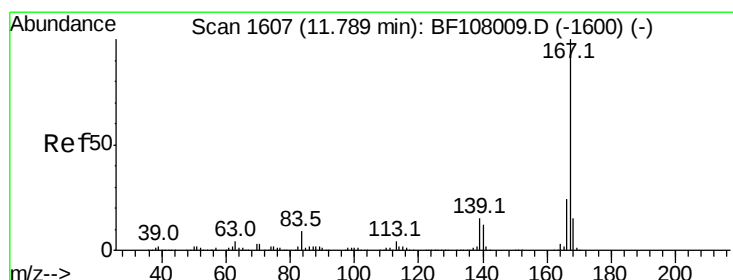
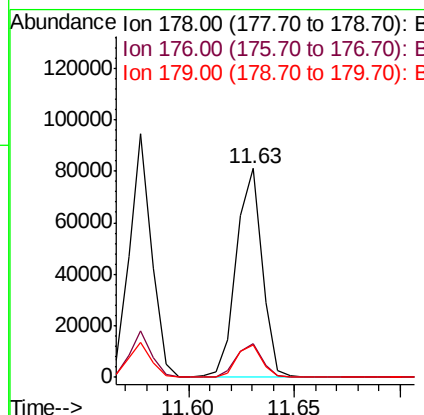
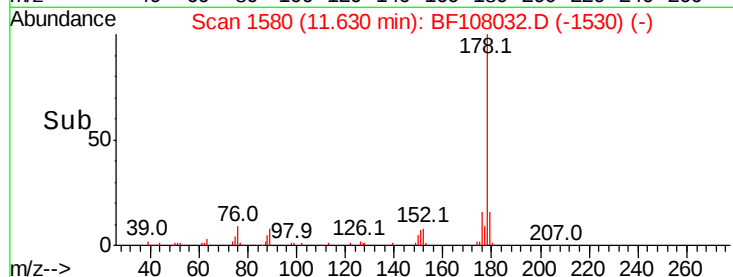
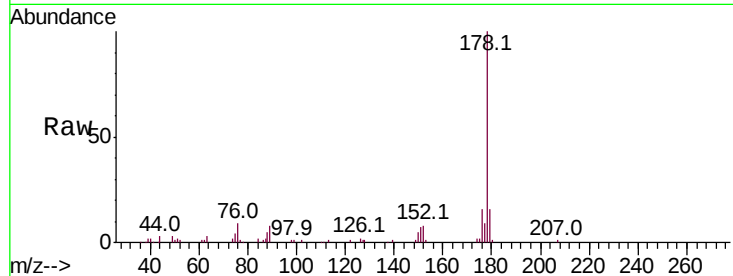
#71
 Anthracene
 Concen: 1.164 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.4	23.2
179	15.7	12.6	19.0

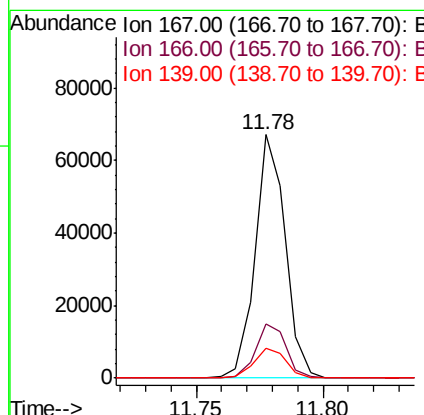
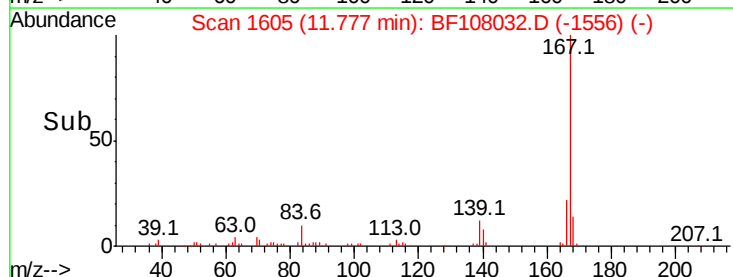
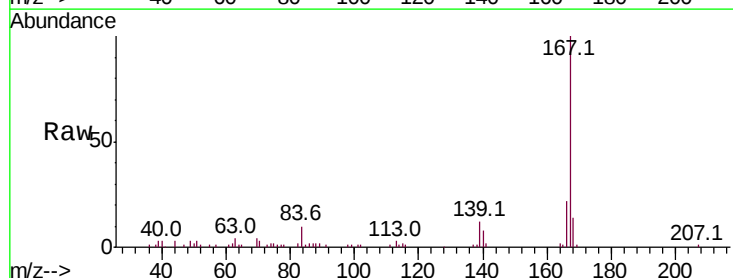
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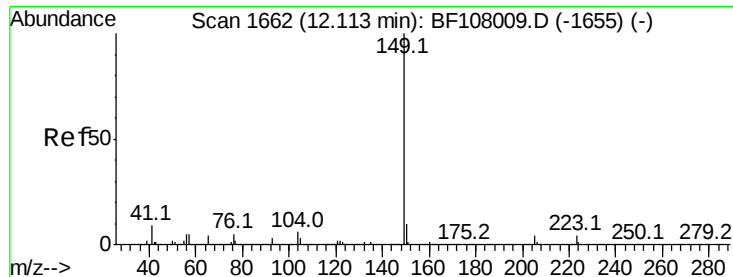
Sohil
 8/9/2018 5:01:34 PM



#72
 Carbazole
 Concen: 1.060 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.4	10.9	16.3





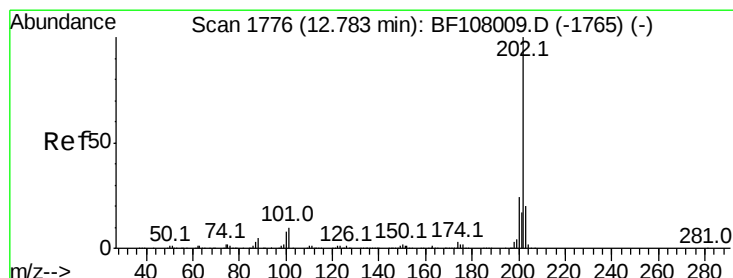
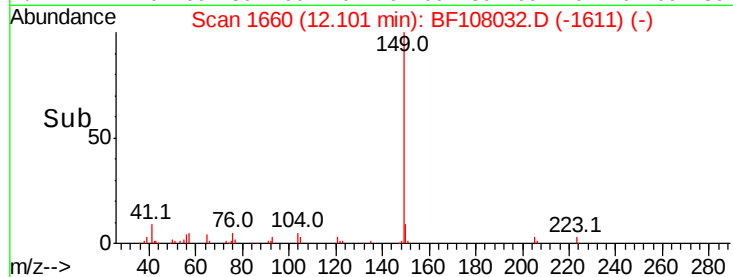
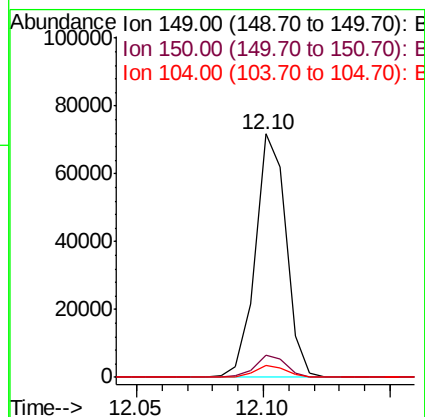
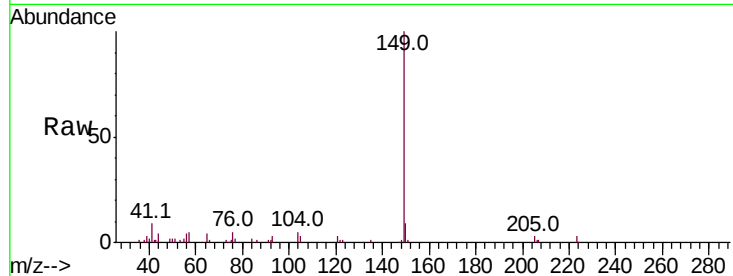
#73
Di-n-butylphthalate
Concen: 1.028 ng
RT: 12.10 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion:	149	Resp:	60923
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	5.1	3.8	5.8

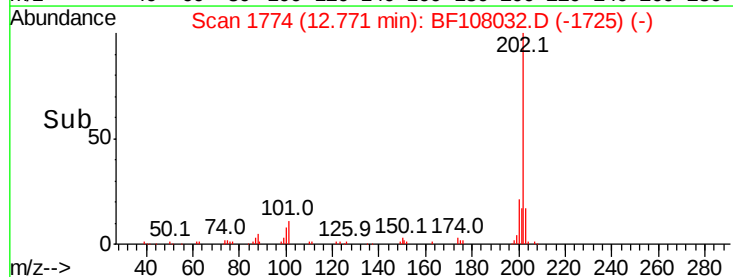
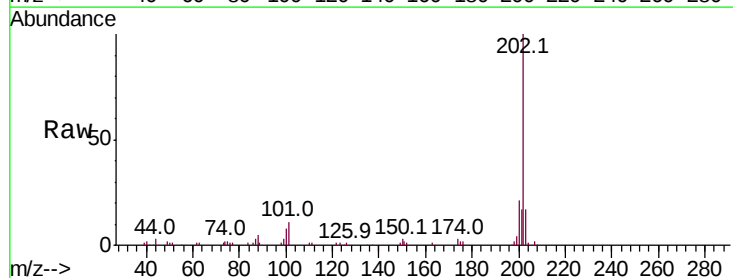
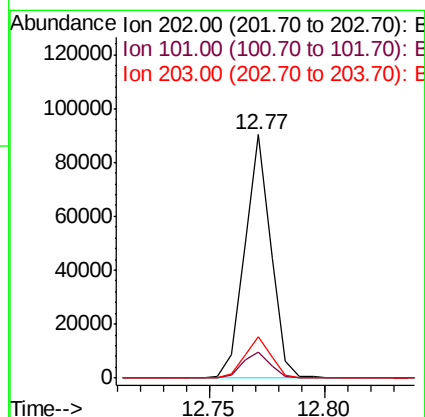
Manual Integrations
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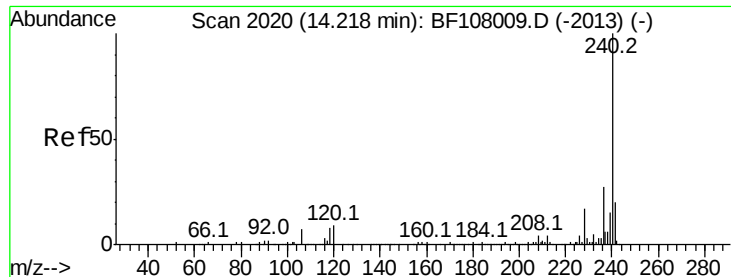
Sohil
8/9/2018 5:01:34 PM



#74
Fluoranthene
Concen: 1.135 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion:	202	Resp:	71142
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	17.1	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: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:240 Resp: 1091014

Ion Ratio Lower Upper

240 100

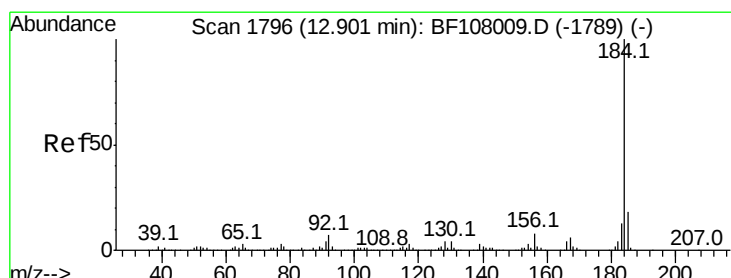
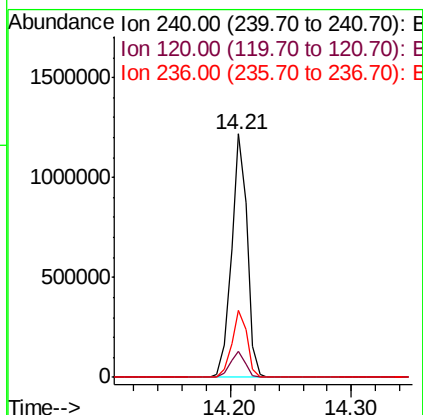
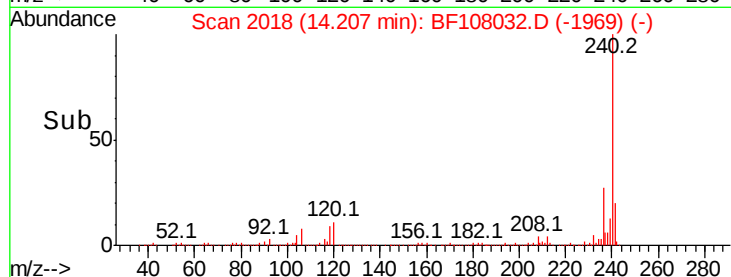
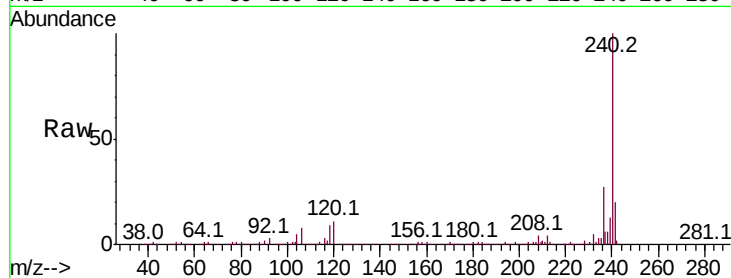
120 10.8 9.5 14.3

236 27.4 20.7 31.1

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#76

Benzidine

Concen: 0.200 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

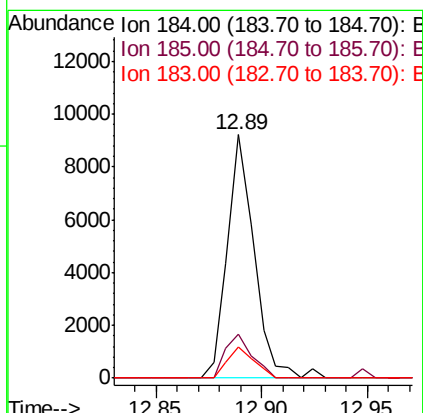
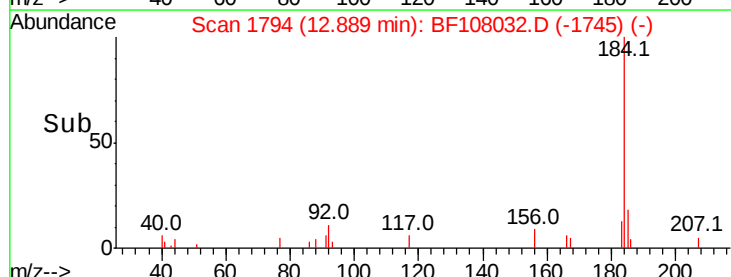
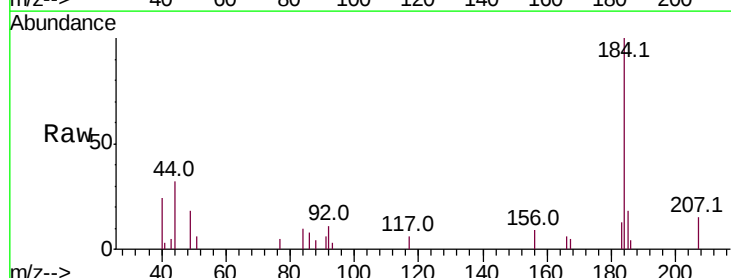
Tgt Ion:184 Resp: 8134

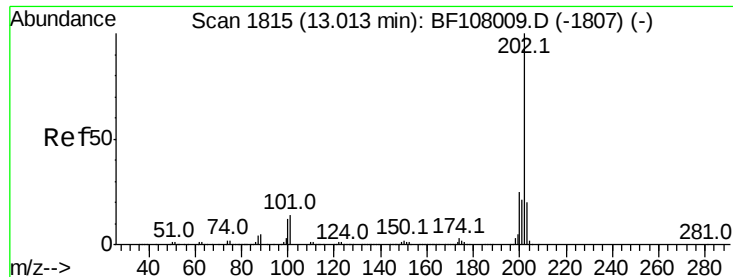
Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

183 13.0 9.3 13.9





#77

Pvrene

Concen: 1.075 ng

RT: 13.00 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

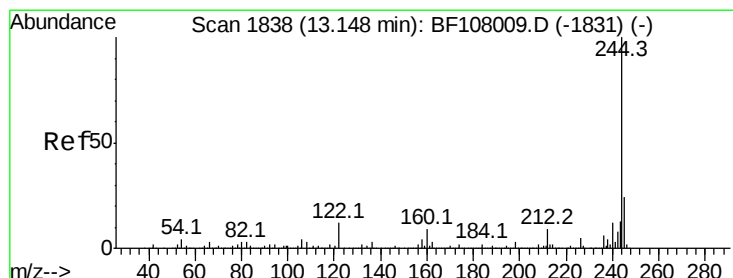
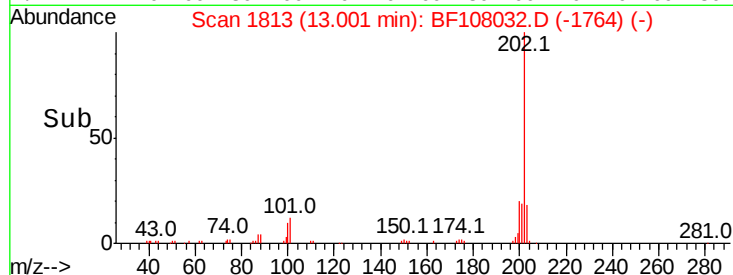
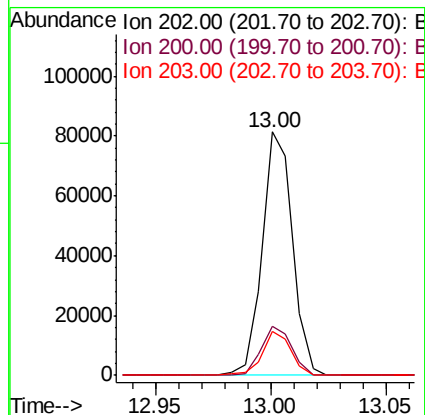
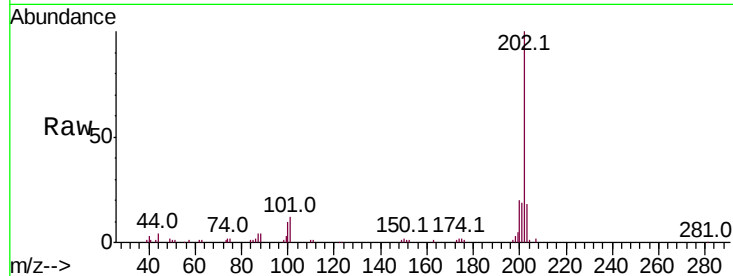
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	202	Resp:	74241
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 86.140 ng

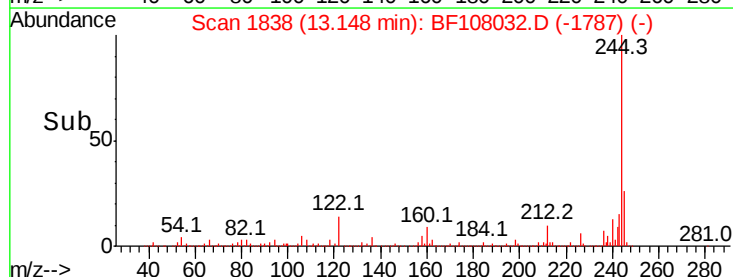
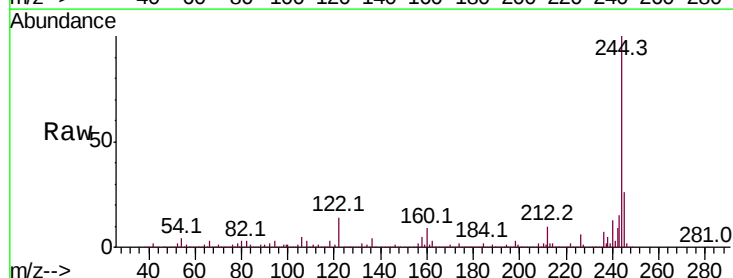
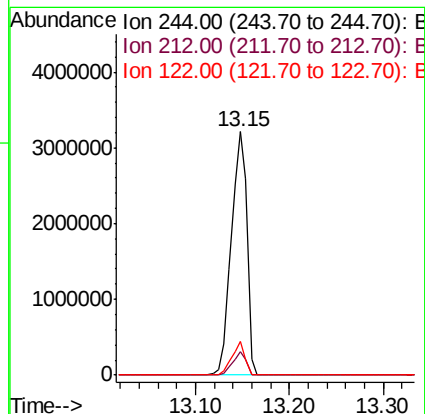
RT: 13.15 min Scan# 1838

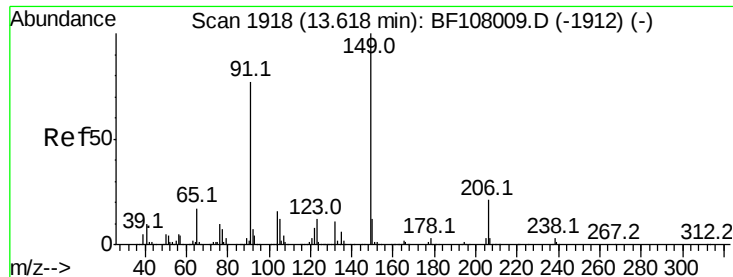
Delta R.T. -0.00 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	244	Resp:	3696269
Ion Ratio	Lower	Upper	
244	100		
212	9.6	5.4	8.0#
122	13.9	11.0	16.4





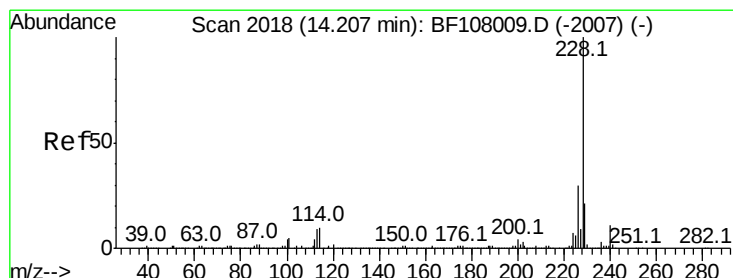
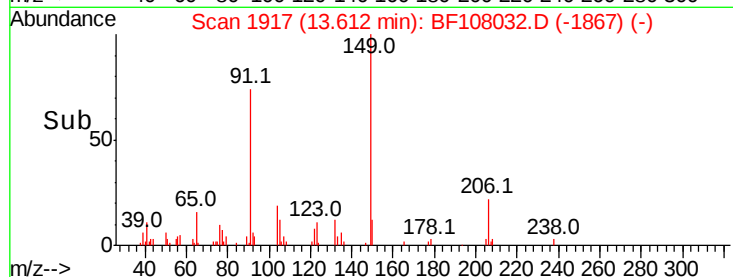
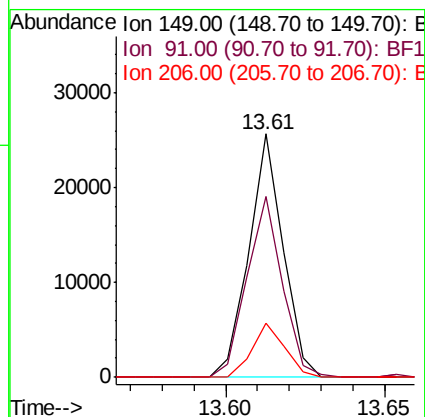
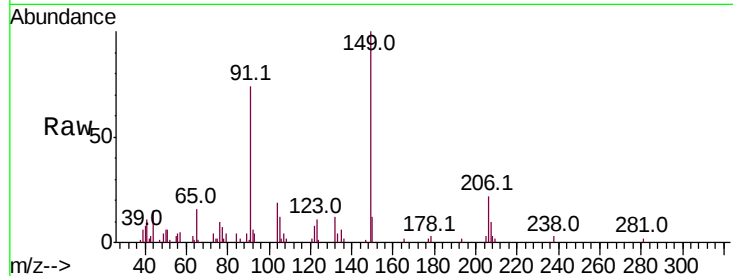
#79
Butylbenzylphthalate
Concen: 0.701 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	19232		
91	74.4	56.8	85.2	
206	22.0	14.1	21.1	

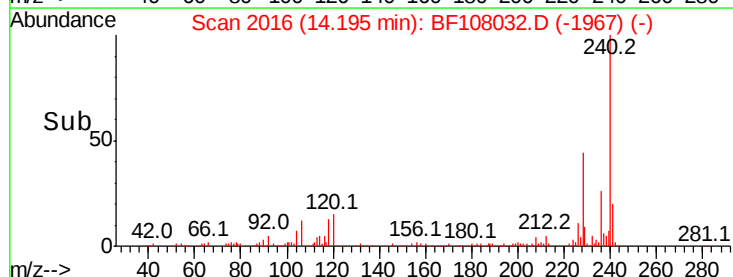
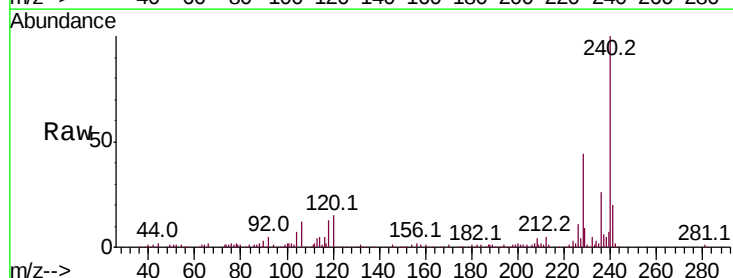
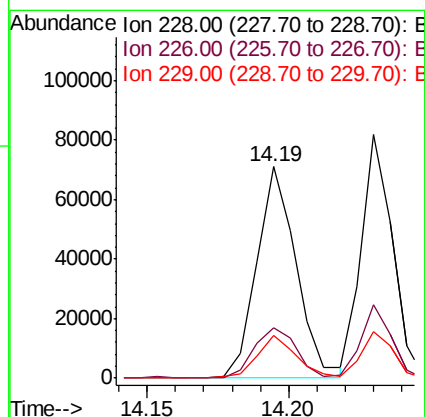
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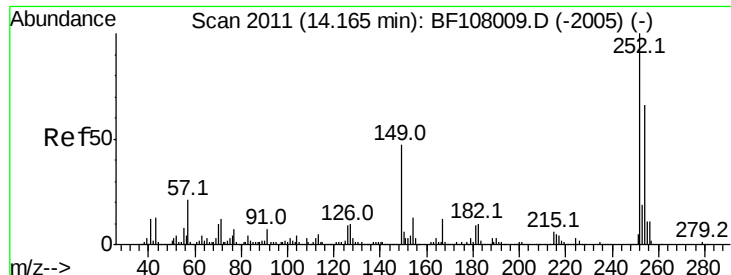
Sohil
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#80
Benzo(a)anthracene
Concen: 1.101 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	68929		
226	23.7	22.6	33.8	
229	20.0	15.8	23.6	





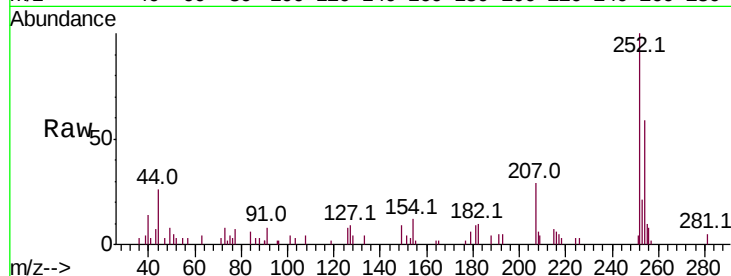
#81
 3,3'-Dichlorobenzidine
 Concen: 0.480 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	58.5	50.4	75.6
126	7.5	11.3	16.9

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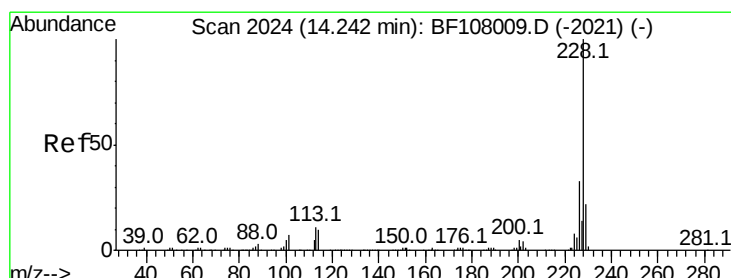
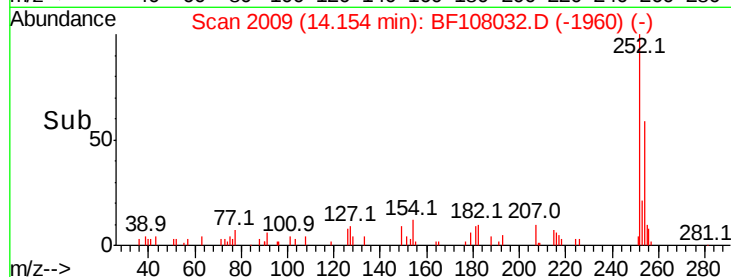
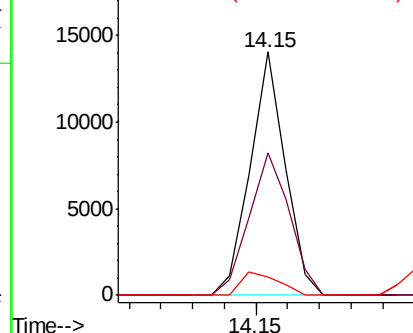


Abundance

Ion 252.00 (251.70 to 252.70): E

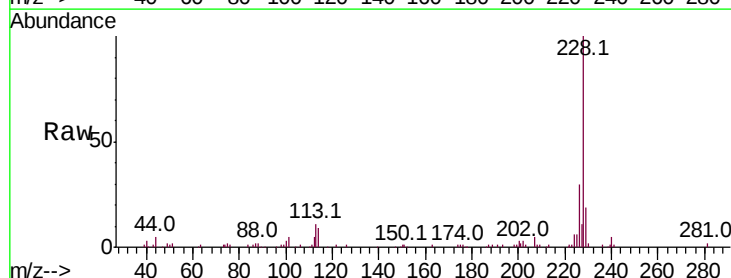
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 1.098 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4

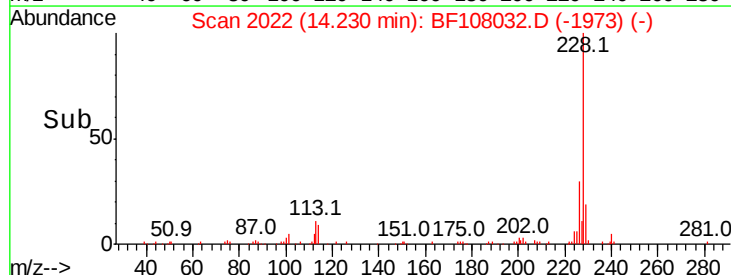
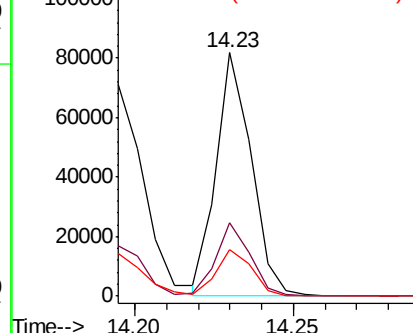


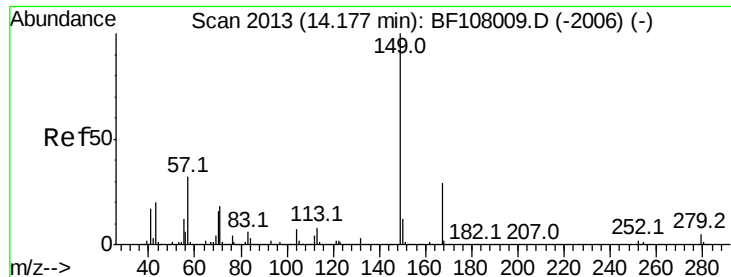
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.810 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Instrument :

BNA_F

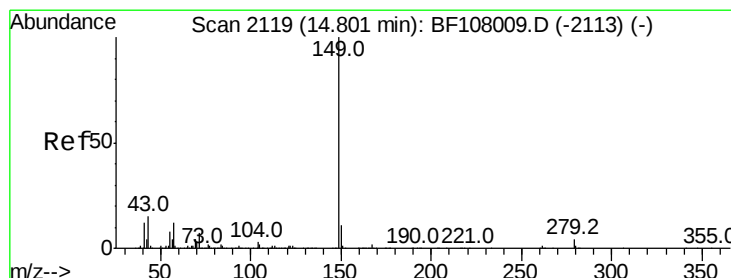
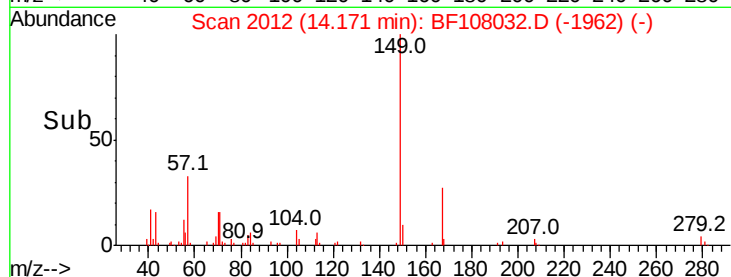
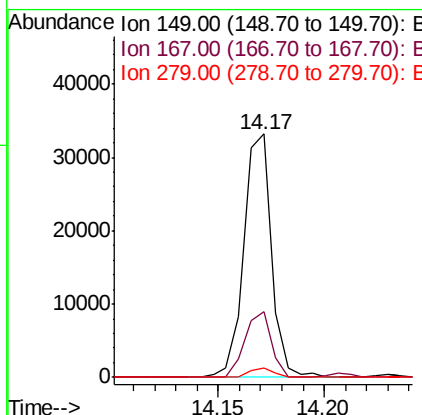
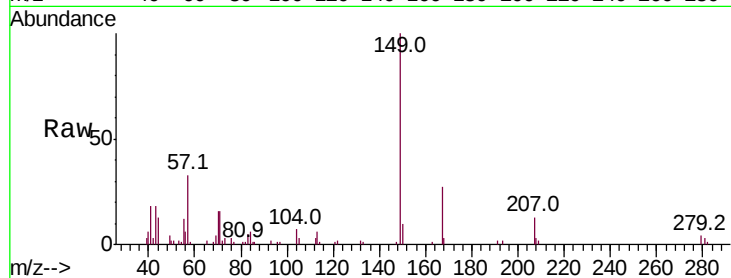
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	149	Resp:	30097
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	4.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 0.677 ng

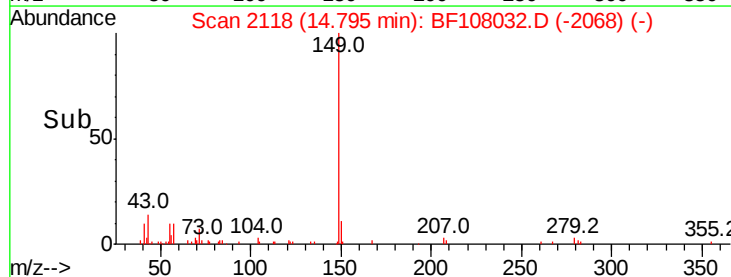
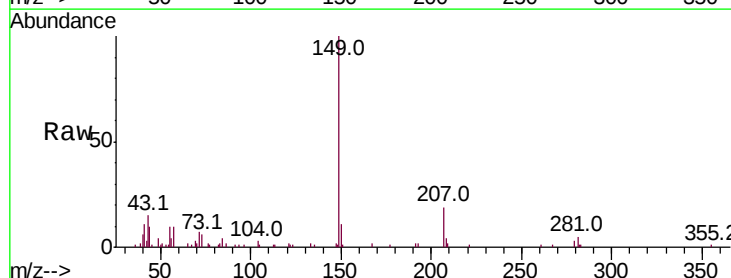
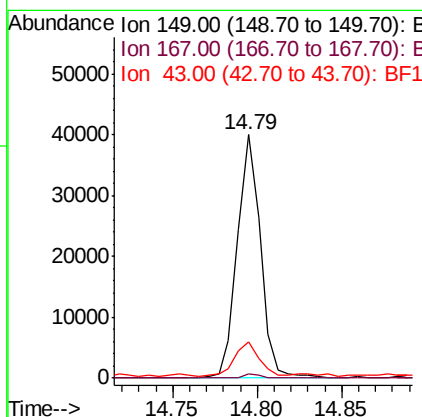
RT: 14.79 min Scan# 2118

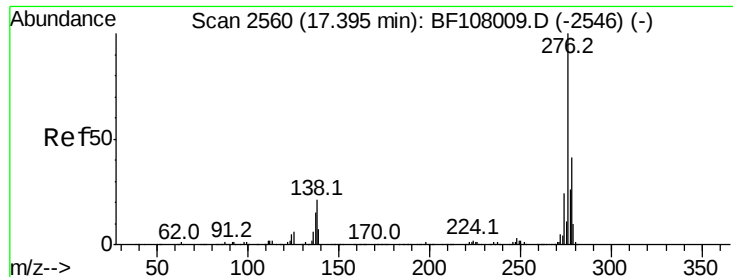
Delta R.T. -0.01 min

Lab File: BF108032.D

Acq: 8 Aug 2018 21:03

Tgt Ion:	149	Resp:	38377
Ion Ratio	Lower	Upper	
149	100		
167	1.1	1.2	1.8#
43	14.3	8.4	12.6#





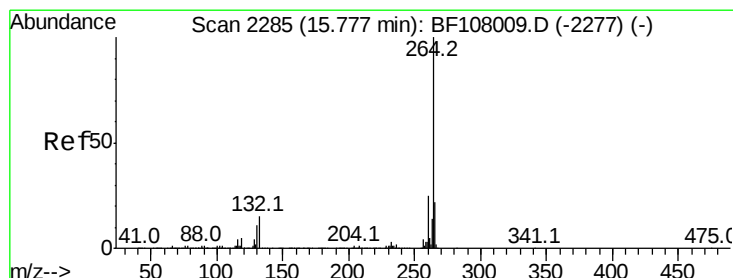
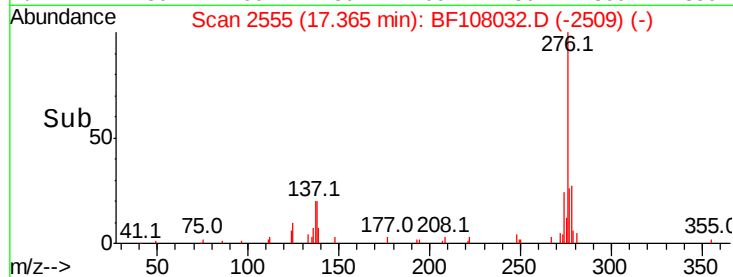
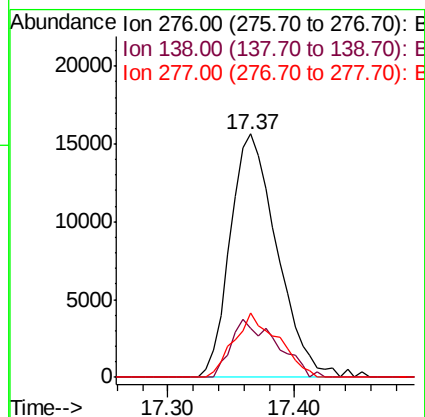
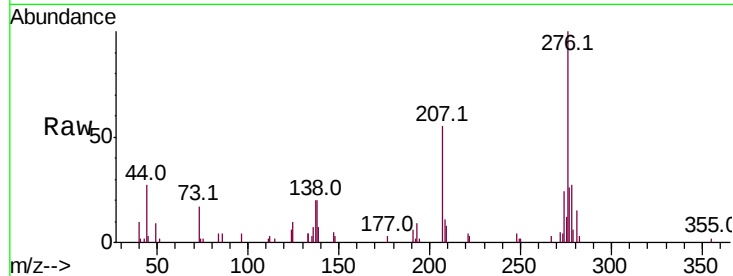
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.804 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.1	20.1	30.1

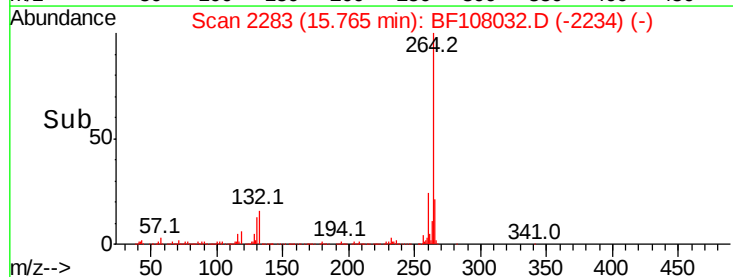
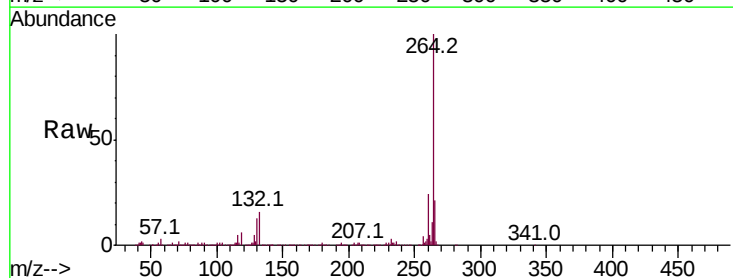
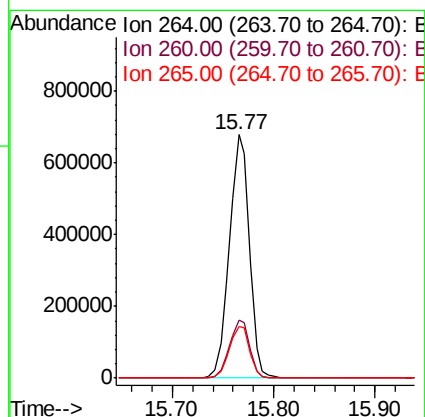
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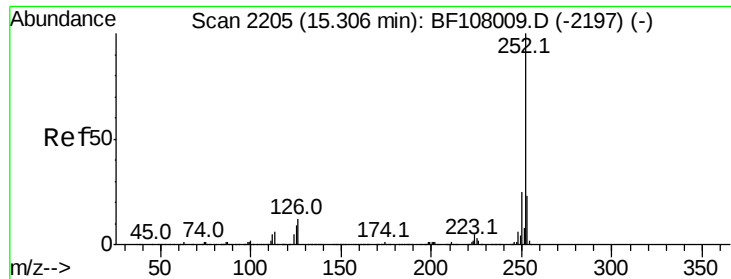
Sohil
8/9/2018 5:01:34 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3





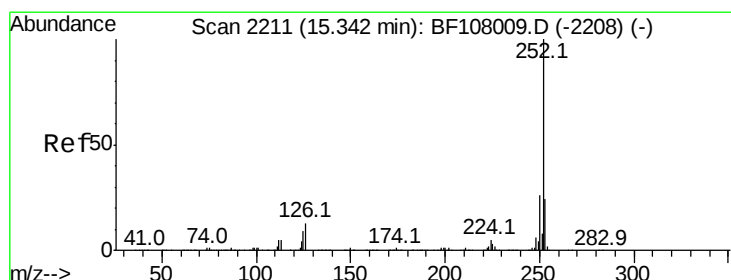
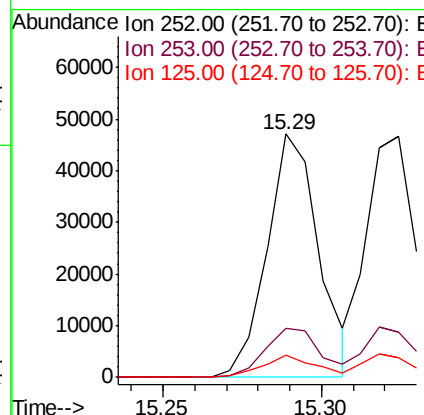
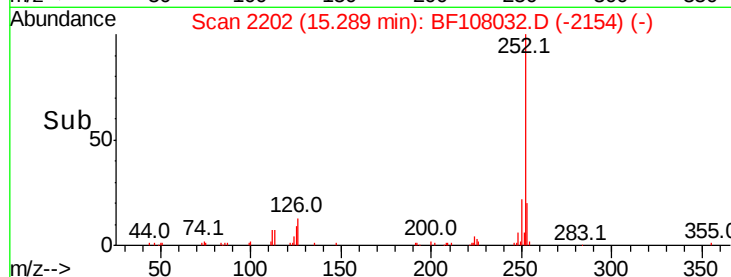
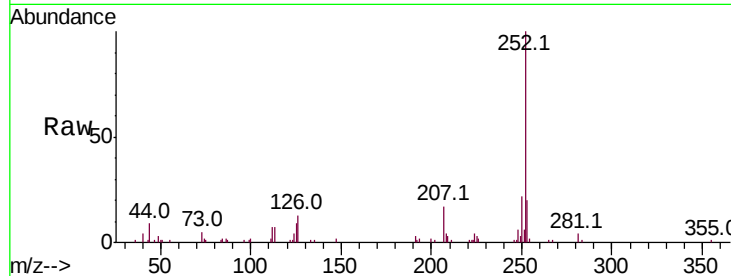
#87
Benzo(b)fluoranthene
Concen: 0.966 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.0	25.6
125	9.3	9.0	13.6

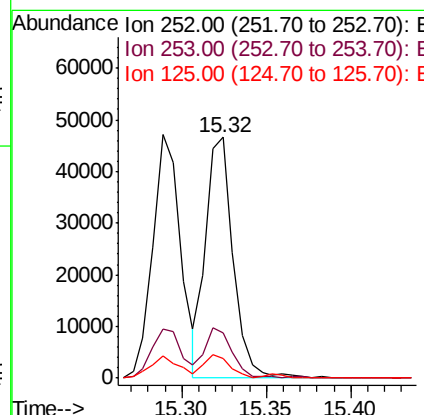
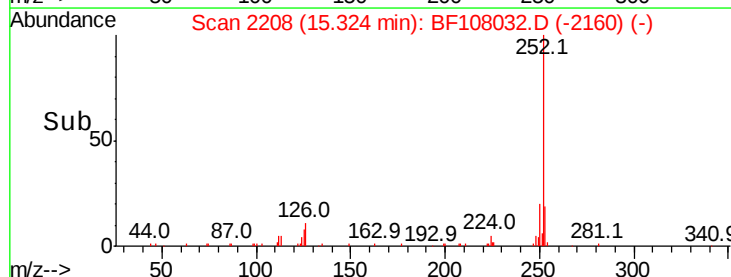
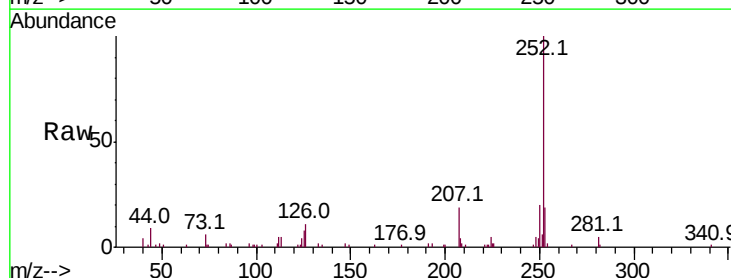
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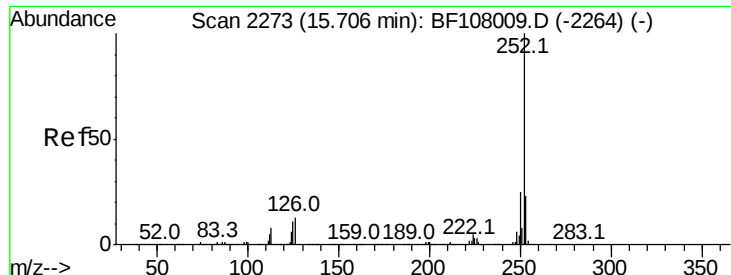
Sohil
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#88
Benzo(k)fluoranthene
Concen: 1.038 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.9	26.9
125	8.1	10.2	15.2#





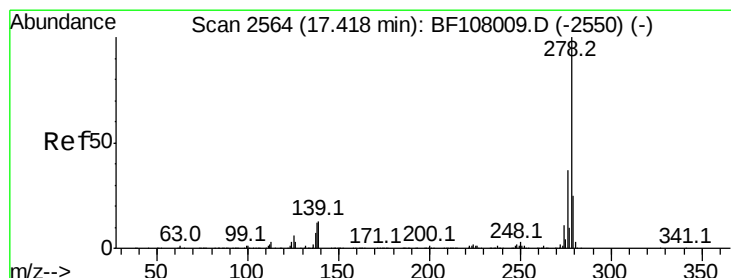
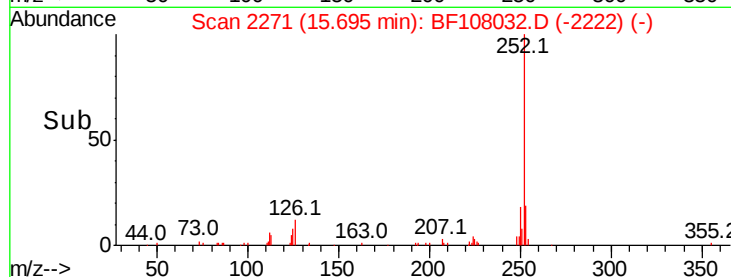
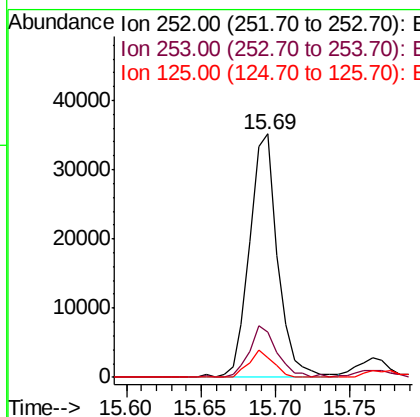
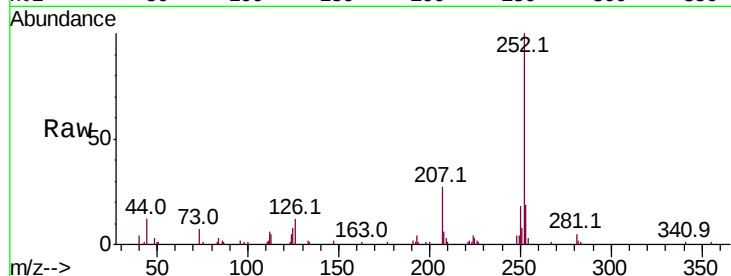
#89
Benzo(a)pyrene
Concen: 0.923 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	18.7	17.1	25.7
125	8.1	9.8	14.6

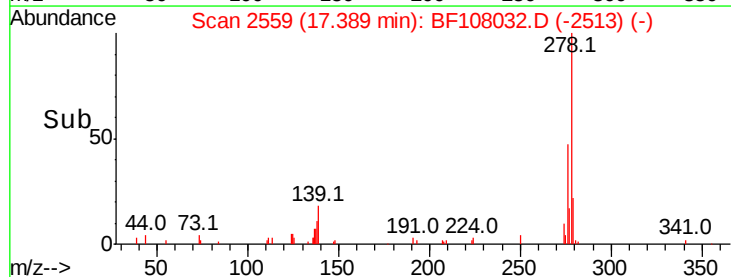
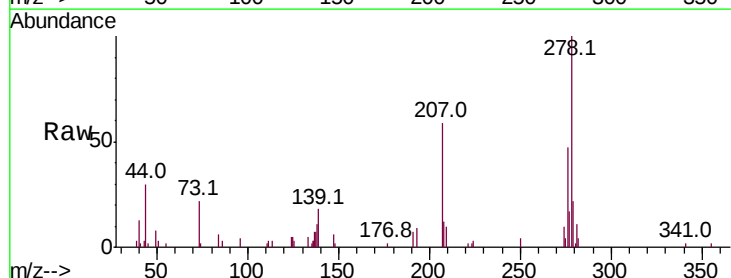
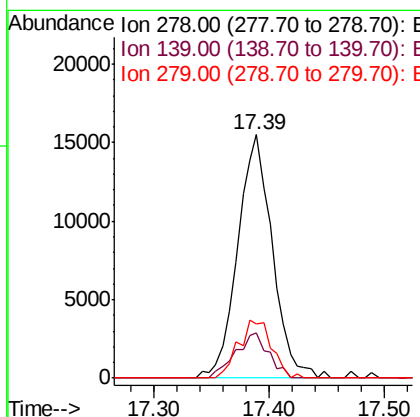
Manual Integrations
APPROVED

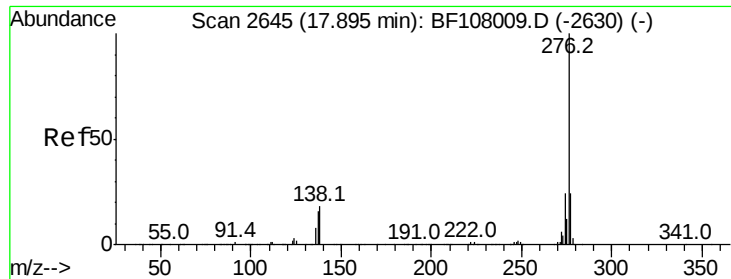
Sohil
8/9/2018 5:01:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 0.786 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BF108032.D
Acq: 8 Aug 2018 21:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	22.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 0.795 ng
 RT: 17.85 min Scan# 2638
 Delta R.T. -0.04 min
 Lab File: BF108032.D
 Acq: 8 Aug 2018 21:03

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

Tot Ion:	276	Resp:	32176
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	25.5	21.8	32.8

Manual Integrations
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