

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108031.D
 Acq On : 8 Aug 2018 20:36
 Operator : JU/SJ
 Sample : J3762-08
 Misc : L00 20 PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:32 PM

Quant Time: Aug 09 07:34:04 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	264896	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1069296	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	576398	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1168877	20.00	ng	0.00
75) Chrysene-d12	14.21	240	983371	20.00	ng	0.00
86) Perylene-d12	15.77	264	853662	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	2046133	139.84	ng	0.02
7) Phenol-d6	6.64	99	2722019	140.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1480107	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	882410	153.48	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2830307	78.83	ng	0.00
78) Terphenyl-d14	13.15	244	3191641	82.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	146732	19.517	ng	# 87
3) Pyridine	3.74	79	419523	21.662	ng	# 84
4) n-Nitrosodimethylamine	3.68	42	226477	20.782	ng	# 79
6) Aniline	6.68	93	427086	16.149	ng	95
8) 2-Chlorophenol	6.80	128	356926	21.659	ng	96
9) Benzaldehyde	6.57	77	294523	19.538	ng	95
10) Phenol	6.64	94	426485	21.206	ng	81
11) bis(2-Chloroethyl)ether	6.75	93	353445	21.738	ng	95
12) 1,3-Dichlorobenzene	6.95	146	418450	21.961	ng	97
13) 1,4-Dichlorobenzene	7.03	146	411759	21.509	ng	98
14) 1,2-Dichlorobenzene	7.18	146	389362	21.866	ng	98
15) Benzyl Alcohol	7.14	79	340535m	20.805	ng	
16) 2,2'-oxybis(1-Chloropropan	7.28	45	723983	21.614	ng	95
17) 2-Methylphenol	7.25	107	314804	22.276	ng	95
18) Hexachloroethane	7.53	117	148043	21.721	ng	90
19) n-Nitroso-di-n-propylamine	7.41	70	288645	21.953	ng	# 84
20) 3+4-Methylphenols	7.40	107	412773	22.793	ng	96
22) Acetophenone	7.42	105	532532	21.299	ng	94
24) Nitrobenzene	7.59	77	418128	21.578	ng	92
25) Isophorone	7.82	82	762214	20.869	ng	97
26) 2-Nitrophenol	7.91	139	149730	20.461	ng	89
27) 2,4-Dimethylphenol	7.93	122	360955	22.267	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	468336	21.965	ng	99
29) 2,4-Dichlorophenol	8.14	162	329032	22.056	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	351394	21.364	ng	94
31) Naphthalene	8.32	128	1091265	22.440	ng	99
32) Benzoic acid	8.01	122	142545	19.242	ng	94
33) 4-Chloroaniline	8.36	127	302388	14.269	ng	98
34) Hexachlorobutadiene	8.43	225	225409	21.648	ng	97
35) Caprolactam	8.71	113	101946	21.807	ng	# 69
36) 4-Chloro-3-methylphenol	8.83	107	360222	22.383	ng	97
37) 2-Methylnaphthalene	9.01	142	762650	22.166	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	379372	21.433	ng	98
40) Hexachlorocyclopentadiene	9.16	237	240642	21.048	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	238468	21.710	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	270415	22.364	nq	98
45) 1,1'-Biphenyl	9.48	154	941784	22.161	nq	98
46) 2-Chloronaphthalene	9.50	162	733770	21.846	nq	98
47) 2-Nitroaniline	9.60	65	241414	22.213	nq	88
48) Acenaphthylene	9.92	152	1197888	22.559	nq	99
49) Dimethylphthalate	9.77	163	888480	22.129	nq #	99
50) 2,6-Dinitrotoluene	9.84	165	192635	22.932	nq	95
51) Acenaphthene	10.10	154	721375	22.180	nq	98
52) 3-Nitroaniline	10.01	138	149943	16.314	nq	100
53) 2,4-Dinitrophenol	10.11	184	48424	21.072	nq #	54
54) Dibenzofuran	10.27	168	1053794	22.364	nq	95
55) 4-Nitrophenol	10.15	139	148289	21.306	nq	88
56) 2,4-Dinitrotoluene	10.24	165	252848	23.384	nq #	88
57) Fluorene	10.61	166	841572	22.561	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	226350	22.397	nq #	87
59) Diethylphthalate	10.48	149	883690	22.729	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	430094	22.128	nq	92
61) 4-Nitroaniline	10.62	138	197656	21.752	nq	89
62) Azobenzene	10.77	77	909751	22.658	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	77640	21.076	nq	90
65) n-Nitrosodiphenylamine	10.72	169	775614	22.455	nq	96
66) 4-Bromophenyl-phenylether	11.09	248	283526	22.320	nq #	87
67) Hexachlorobenzene	11.16	284	296845	22.210	nq #	90
68) Atrazine	11.24	200	262120	22.625	nq	94
69) Pentachlorophenol	11.35	266	127781	19.975	nq	98
70) Phenanthrene	11.58	178	1268883	23.015	nq	99
71) Anthracene	11.63	178	1298224	22.975	nq	99
72) Carbazole	11.78	167	1143729	22.782	nq	99
73) Di-n-butylphthalate	12.11	149	1340465	23.573	nq	99
74) Fluoranthene	12.78	202	1382180	22.971	nq	95
76) Benzidine	12.89	184	373131	10.156	nq	97
77) Pyrene	13.01	202	1390167	22.329	nq	97
79) Butylbenzylphthalate	13.62	149	554459	22.428	nq #	96
80) Benzo(a)anthracene	14.20	228	1251515	22.176	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	269388	13.320	nq #	96
82) Chrysene	14.24	228	1163780	22.493	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	774182	23.125	nq	99
84) Di-n-octyl phthalate	14.79	149	1192118	23.349	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.38	276	949581	21.182	nq #	92
87) Benzo(b)fluoranthene	15.30	252	1082806	21.227	nq #	96
88) Benzo(k)fluoranthene	15.33	252	1078570	23.002	nq #	96
89) Benzo(a)pyrene	15.70	252	993098	21.741	nq	97
90) Dibenzo(a,h)anthracene	17.40	278	785458	20.783	nq #	95
91) Benzo(g,h,i)perylene	17.87	276	773939	20.796	nq #	90

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

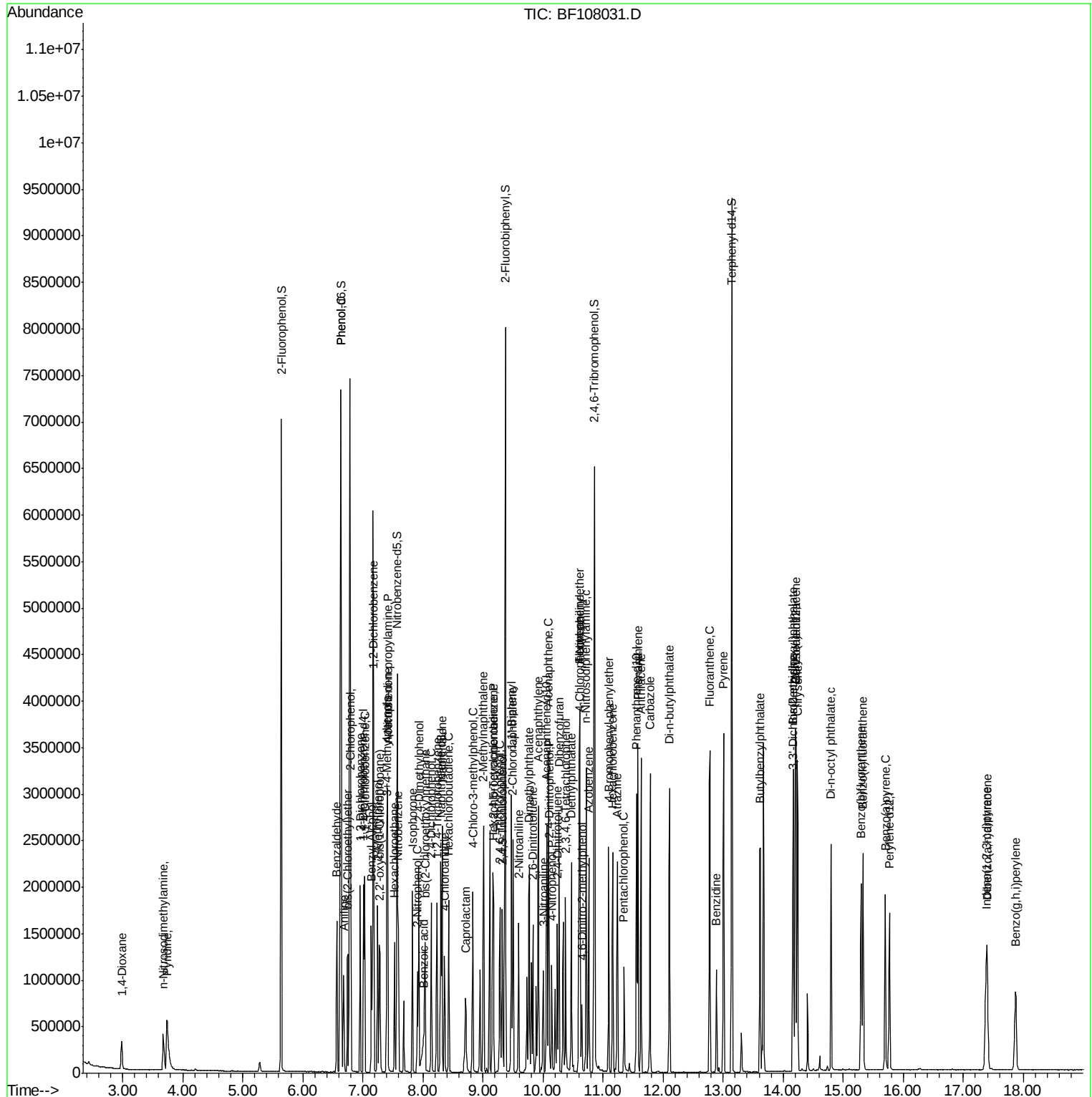
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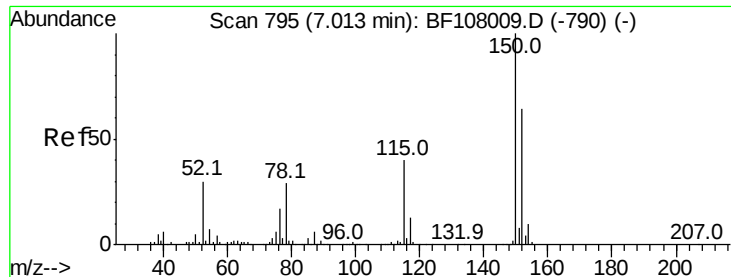
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

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#1

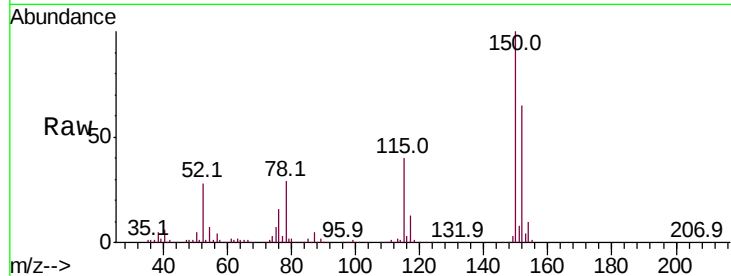
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	61.7	50.1	75.1

Manual Integrations
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8/9/2018 5:01:32 PM

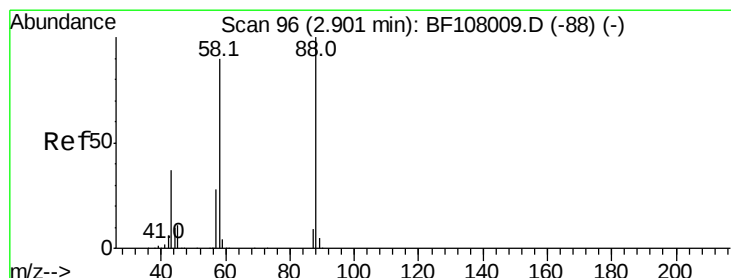
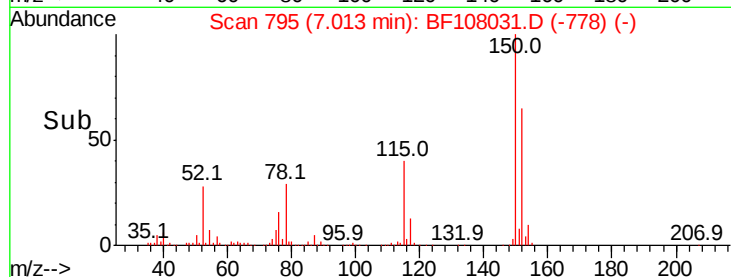
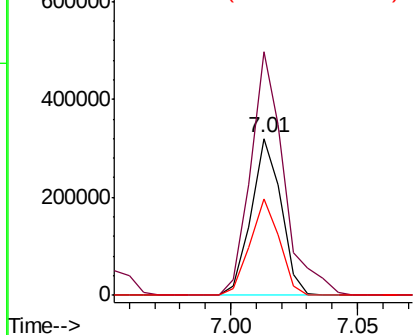


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.517 ng
RT: 2.98 min Scan# 110
Delta R.T. 0.08 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

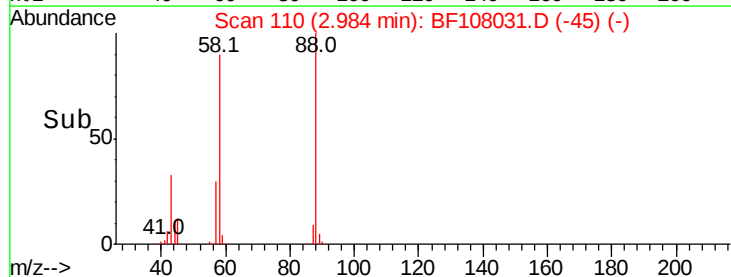
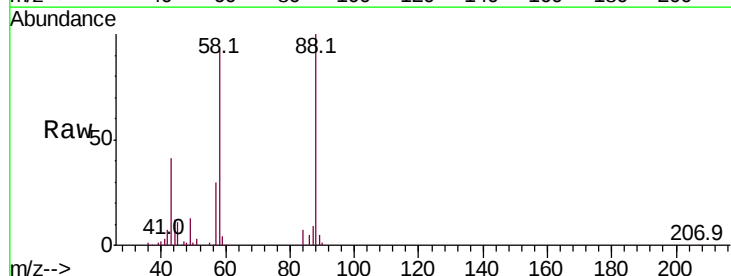
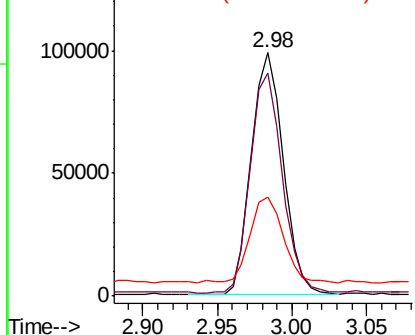
Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	62.6	93.8
43	37.5	24.6	37.0

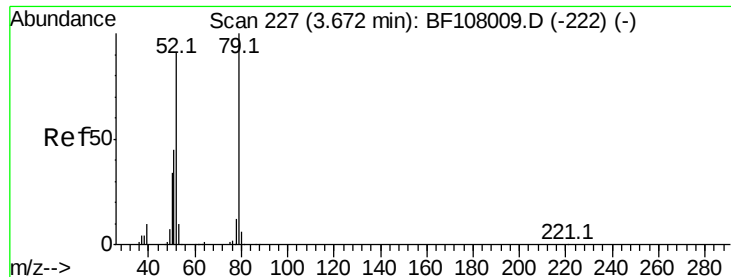
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 21.662 ng

RT: 3.74 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

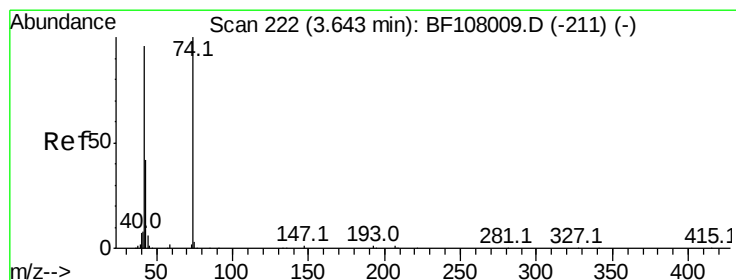
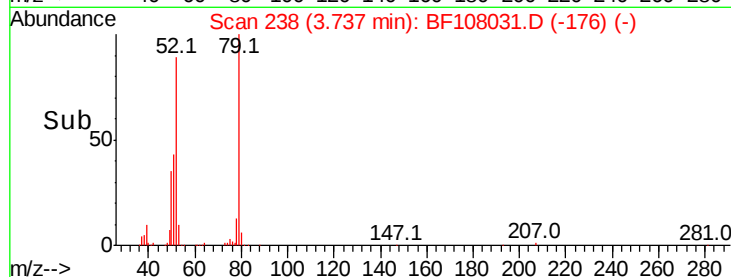
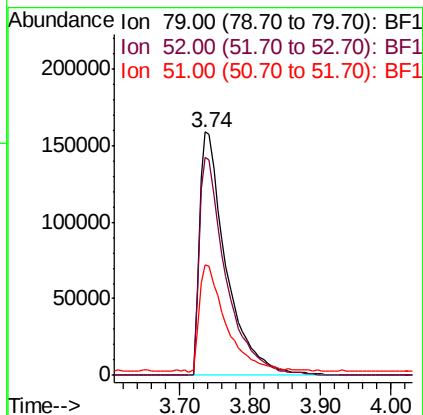
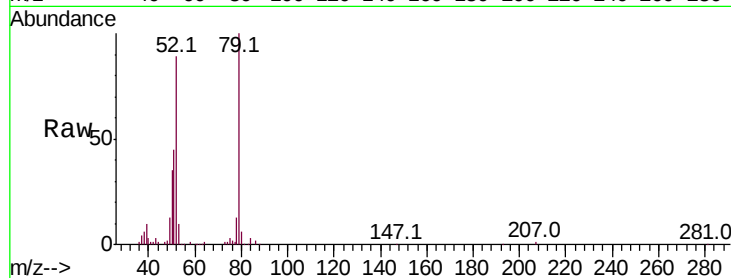
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.3	59.8	89.6
51	45.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 20.782 ng

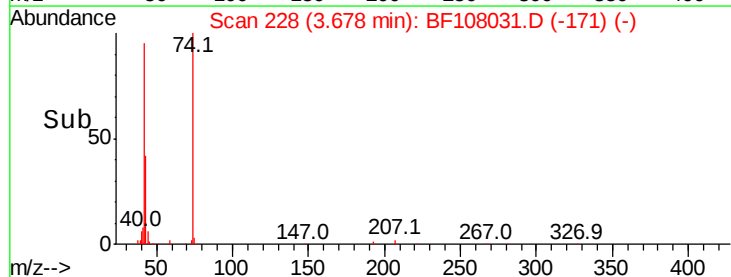
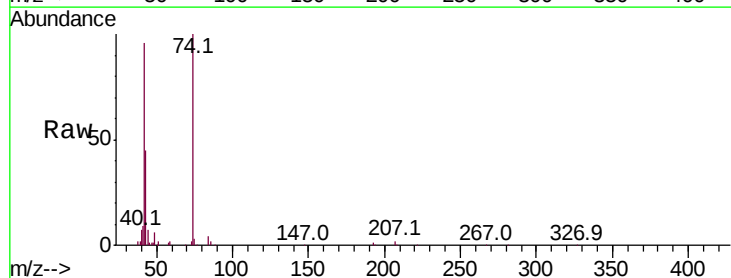
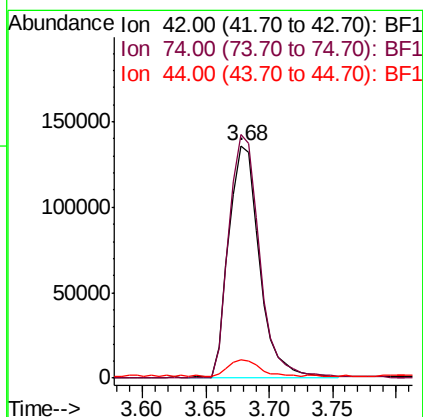
RT: 3.68 min Scan# 228

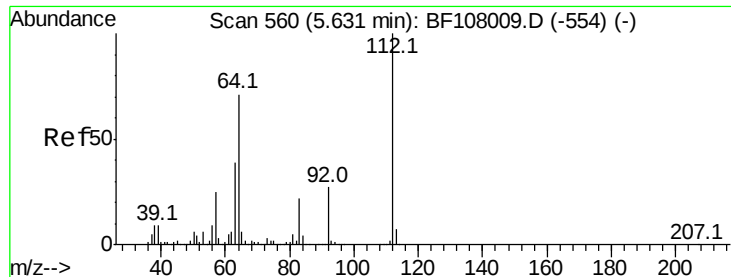
Delta R.T. 0.04 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.7	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 139.845 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:112 Resp: 2046133

Ion Ratio Lower Upper

112 100

64 68.8 47.9 71.9

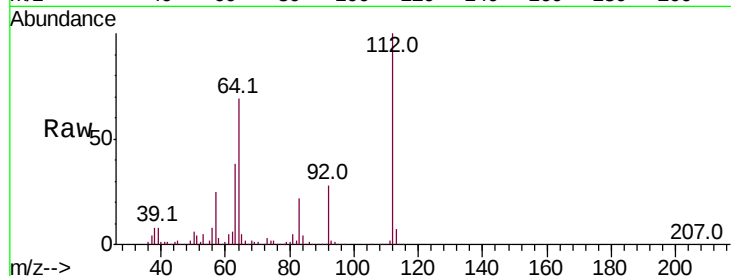
63 37.9 23.7 35.5#

Manual Integrations

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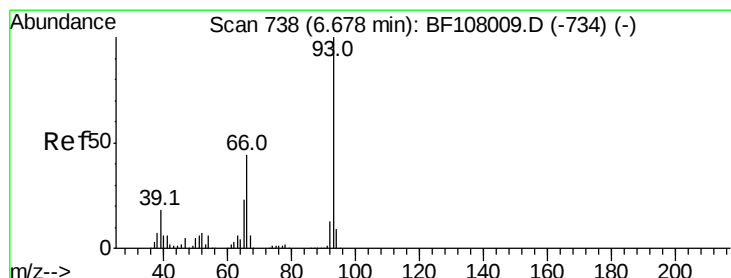
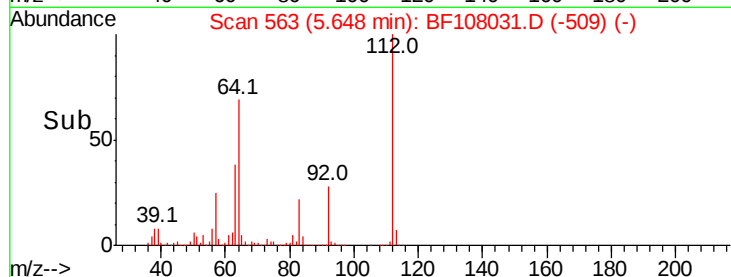
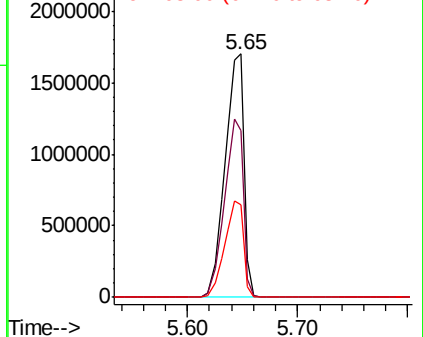
8/9/2018 5:01:32 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.149 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

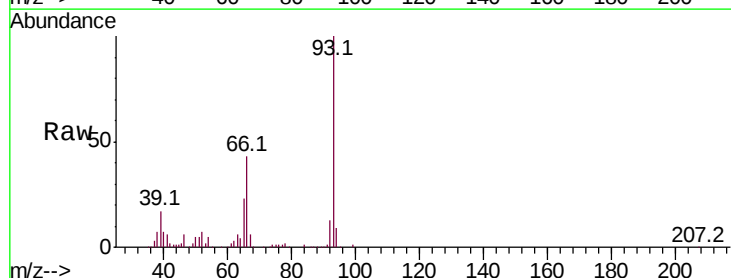
Tgt Ion: 93 Resp: 427086

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

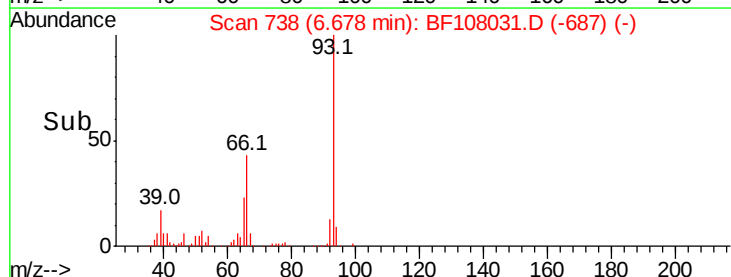
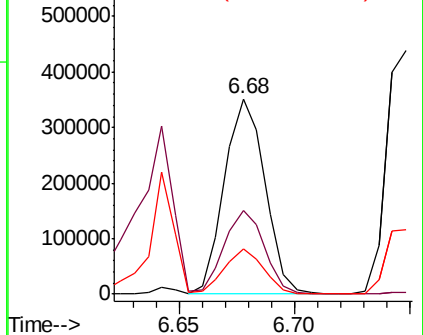
65 23.1 16.4 24.6

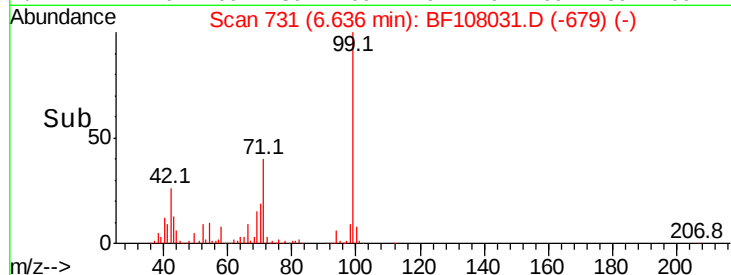
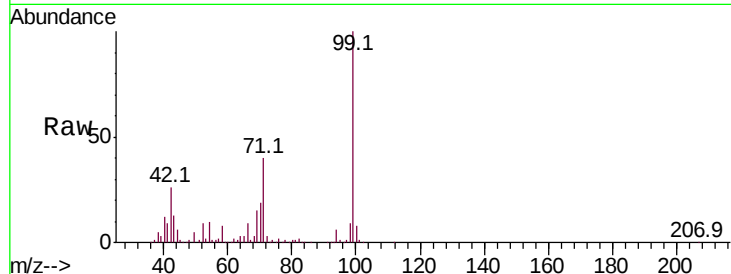
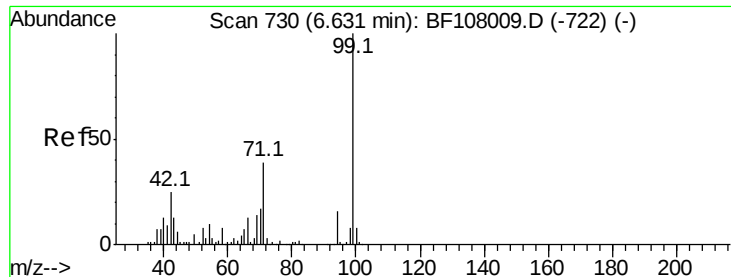


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.998 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tot Ion: 99 Resp: 2722019

Ion Ratio Lower Upper

99 100

42 25.8 14.5 21.7#

71 40.5 25.4 38.0#

Instrument :

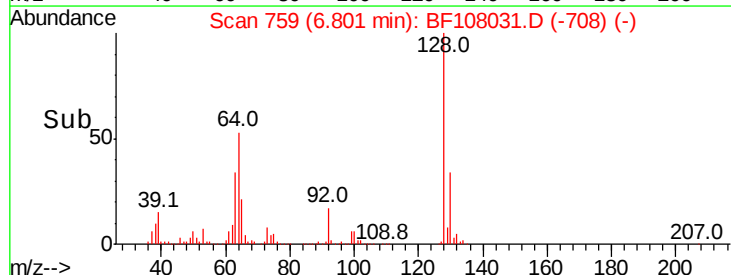
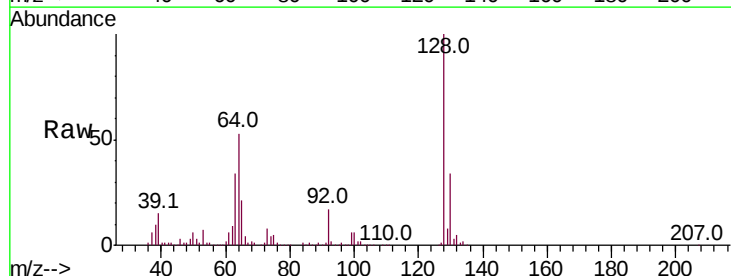
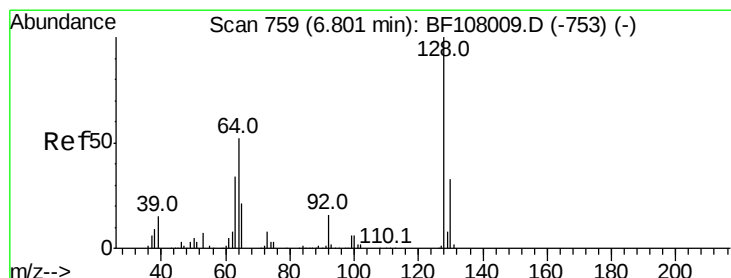
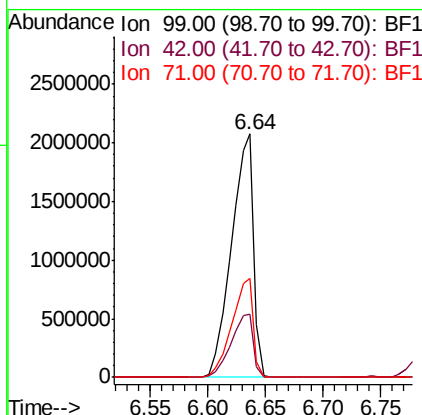
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2018

Manual Integrations
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8/9/2018 5:01:32 PM



#8

2-Chlorophenol

Concen: 21.659 ng

RT: 6.80 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF108031.D

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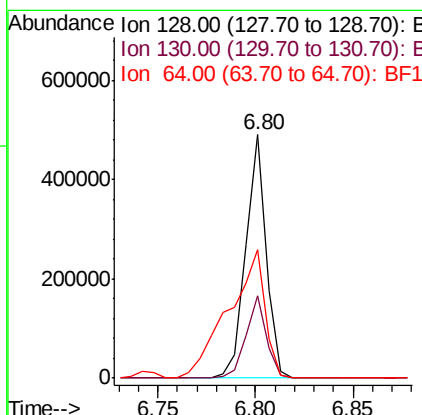
Tgt Ion:128 Resp: 356926

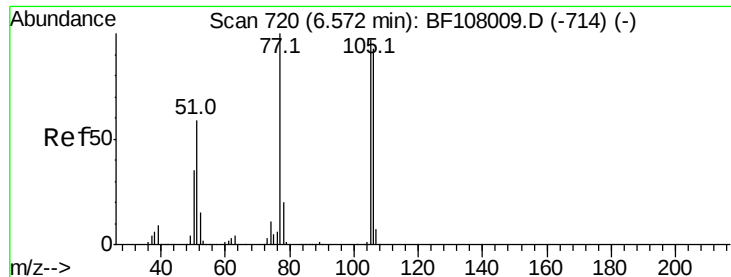
Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 53.0 29.4 69.4





#9

Benzaldehyde

Concen: 19.538 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

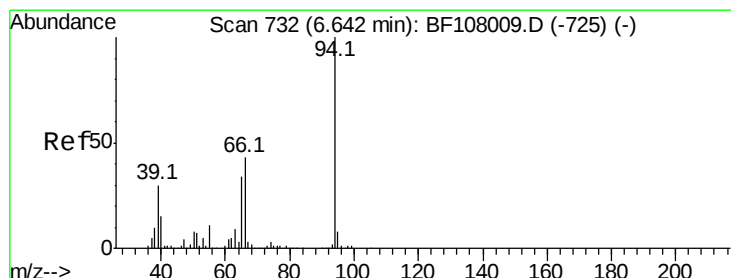
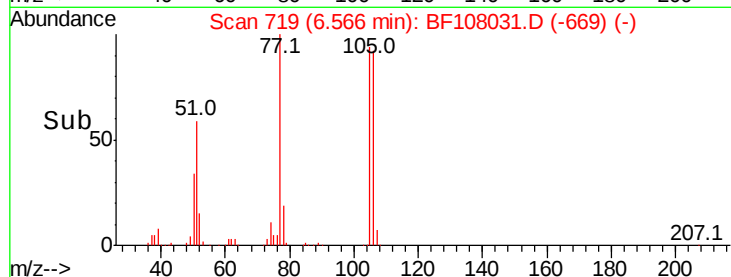
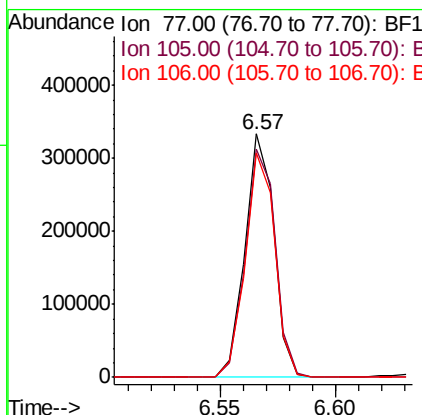
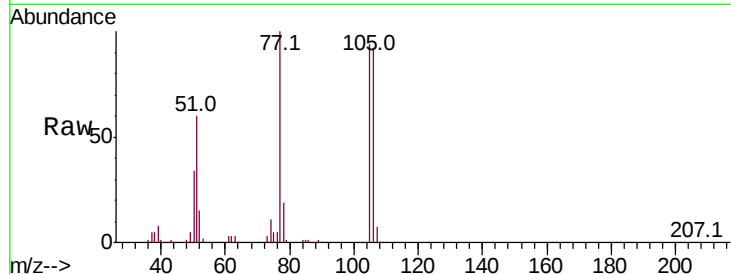
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	77	Resp:	294523
Ion Ratio	Lower	Upper	
77	100		
105	93.9	81.1	121.1
106	92.3	74.5	114.5

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#10

Phenol

Concen: 21.206 ng

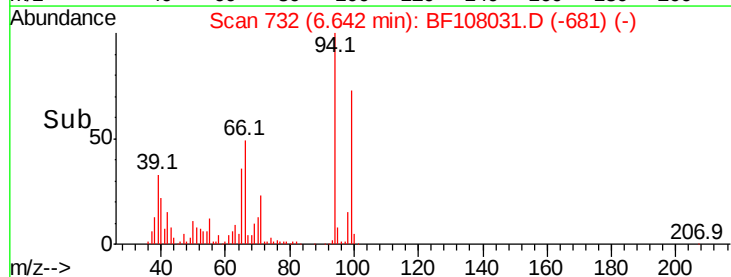
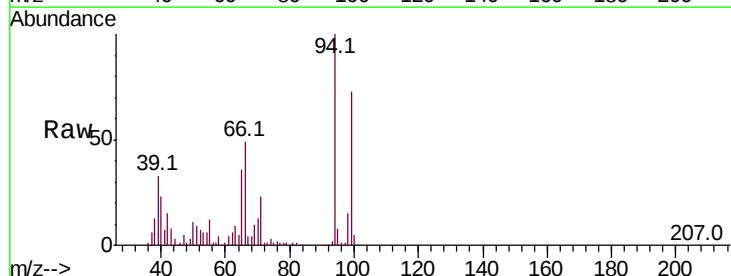
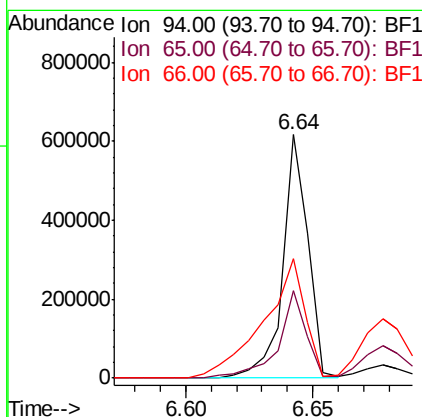
RT: 6.64 min Scan# 732

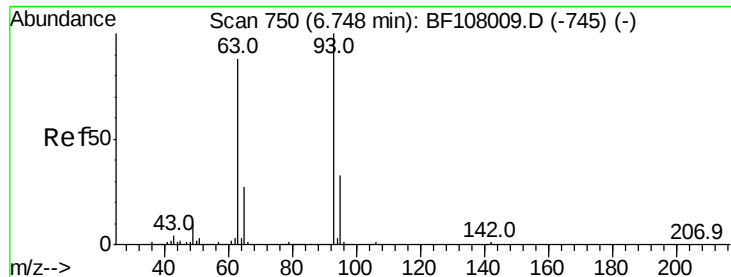
Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	94	Resp:	426485
Ion Ratio	Lower	Upper	
94	100		
65	35.7	7.9	47.9
66	48.9	16.2	56.2





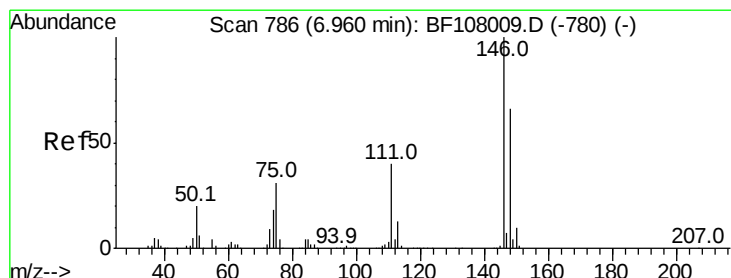
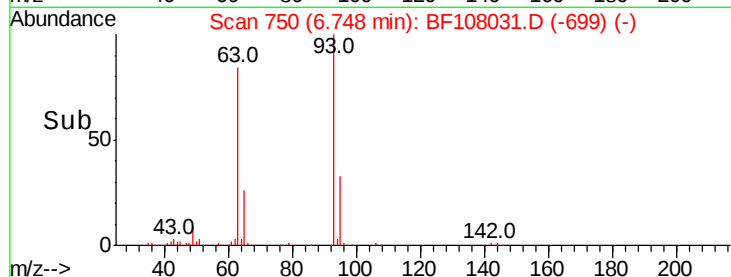
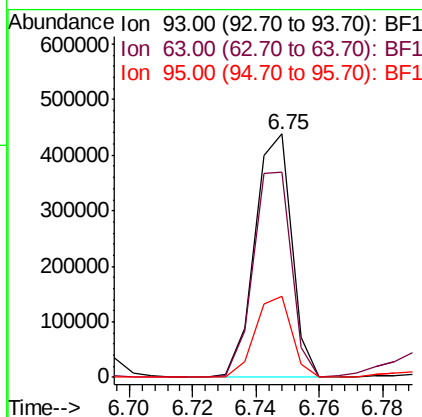
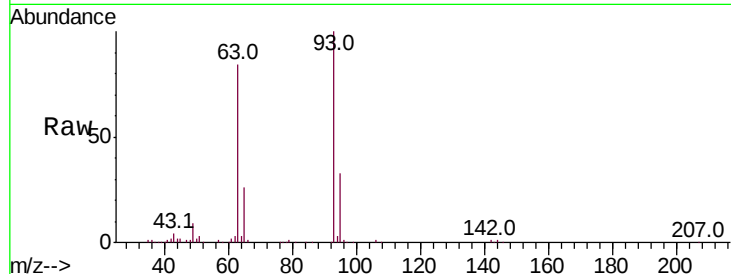
#11
bis(2-Chloroethyl)ether
Concen: 21.738 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.2	58.6	98.6
95	33.4	11.8	51.8

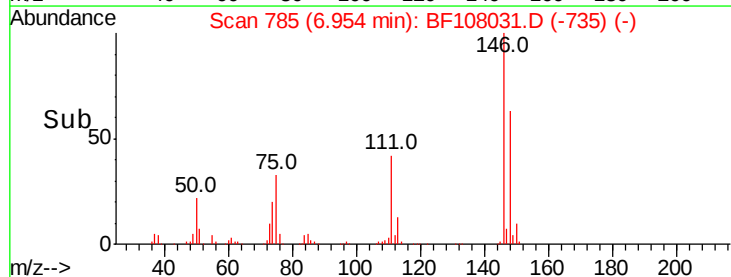
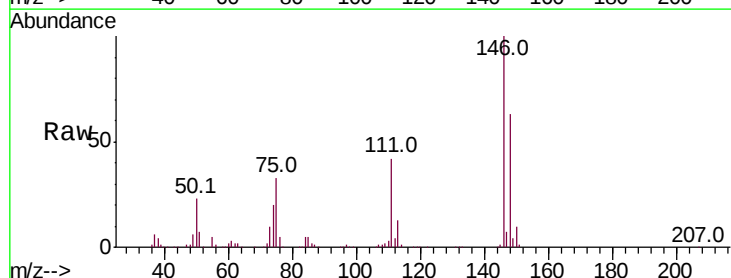
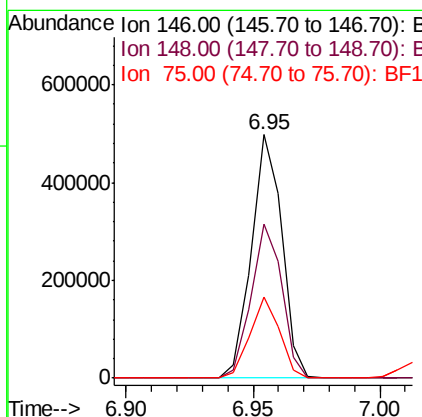
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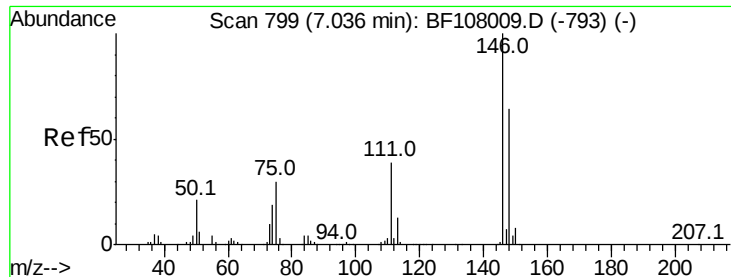
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#12
1,3-Dichlorobenzene
Concen: 21.961 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	33.1	24.2	36.4





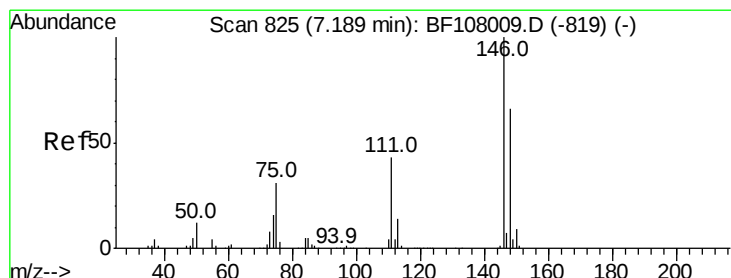
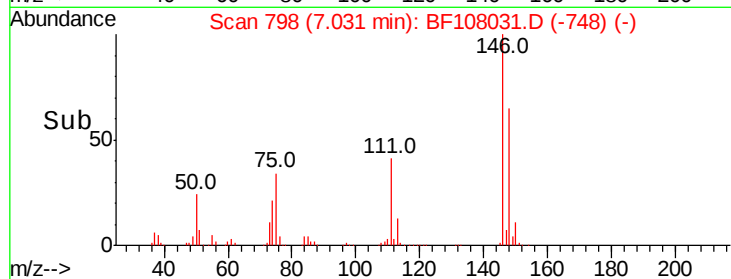
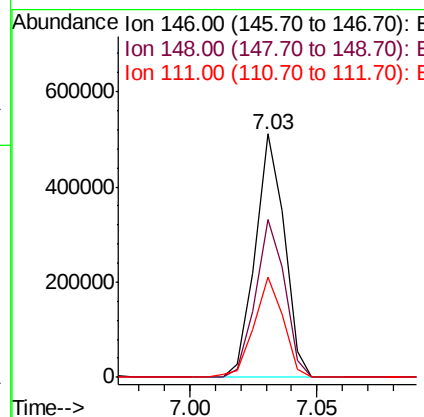
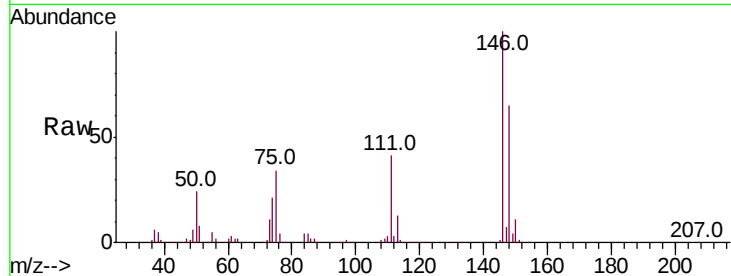
#13
 1,4-Dichlorobenzene
 Concen: 21.509 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	41.4	34.2	51.2

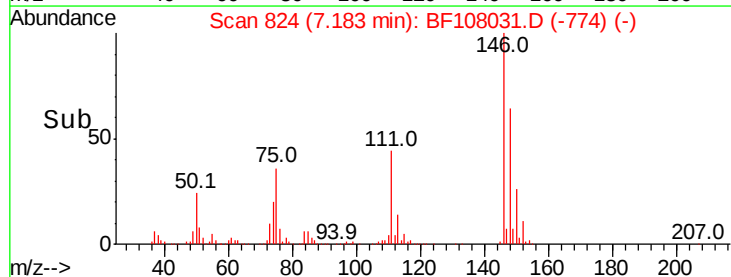
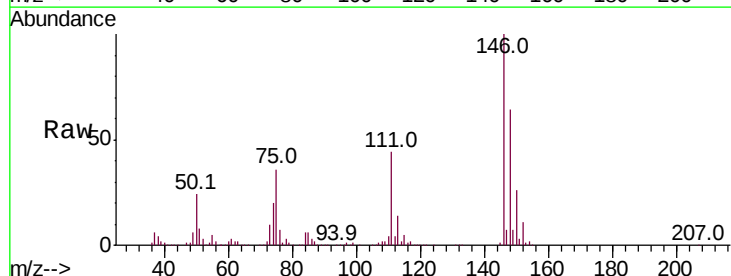
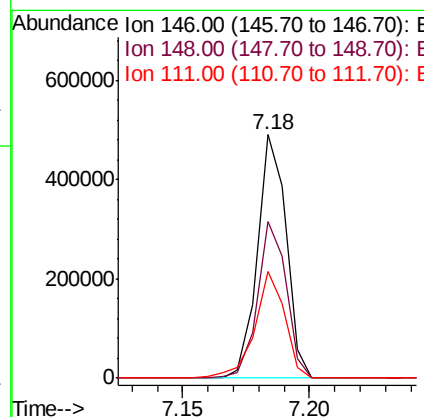
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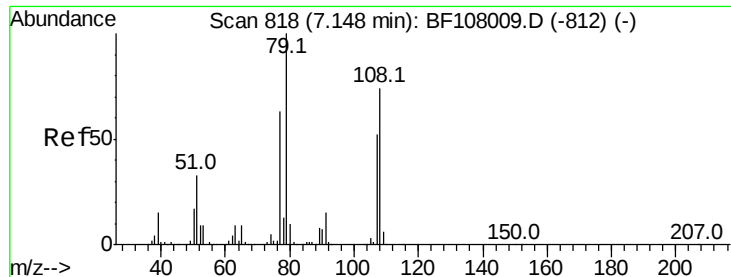
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#14
 1,2-Dichlorobenzene
 Concen: 21.866 ng
 RT: 7.18 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	43.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 20.805 ng/ml

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

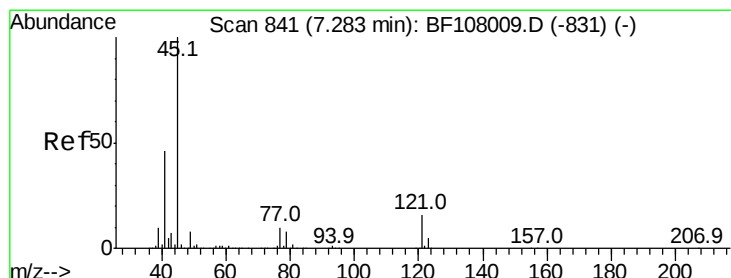
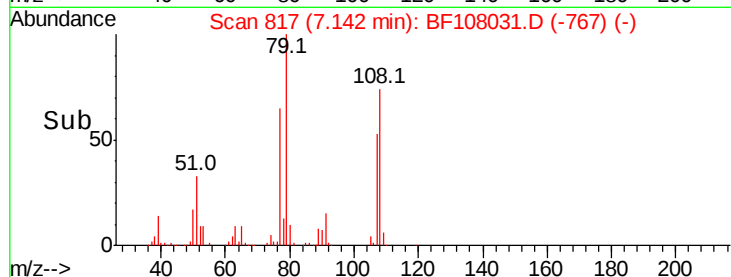
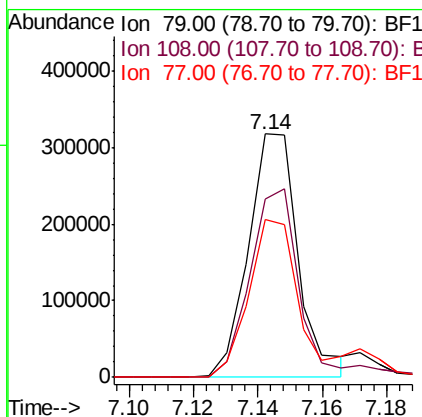
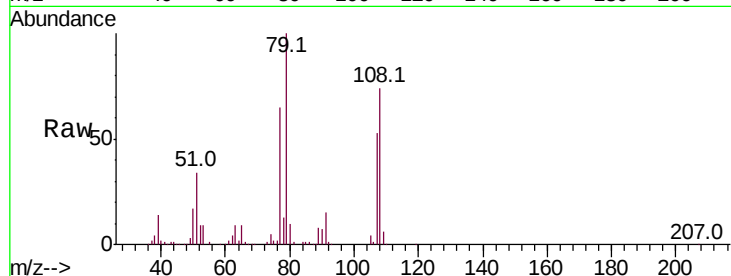
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	79	Resp:	340535
Ion Ratio	Lower	Upper	
79	100		
108	73.5	65.1	97.7
77	64.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 21.614 ng/ml

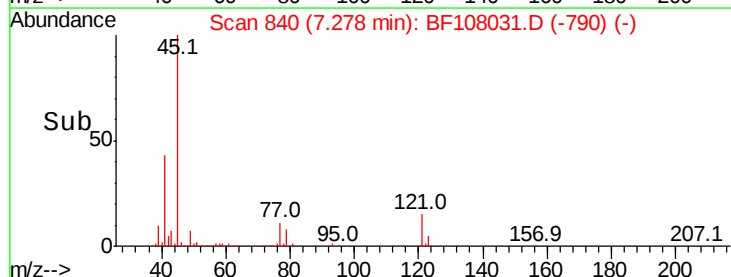
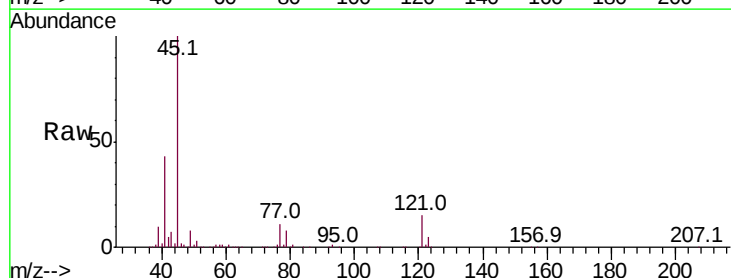
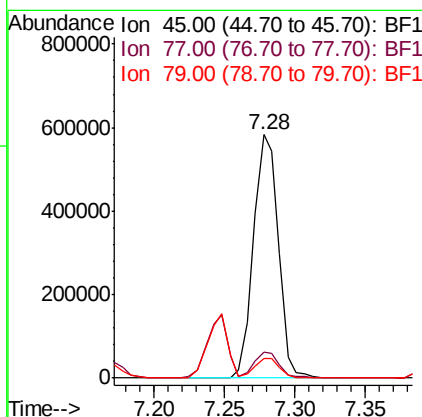
RT: 7.28 min Scan# 840

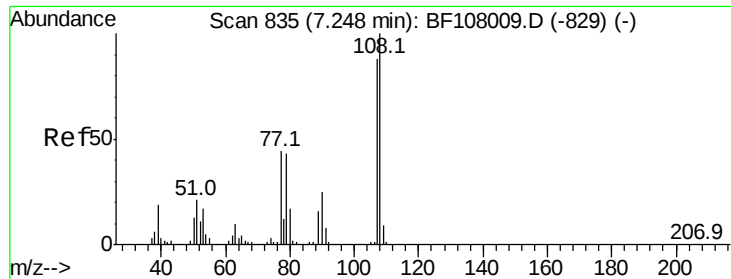
Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	45	Resp:	723983
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	32.9
79	8.1	0.0	29.6





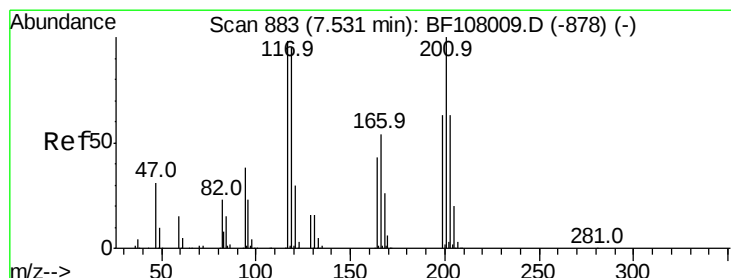
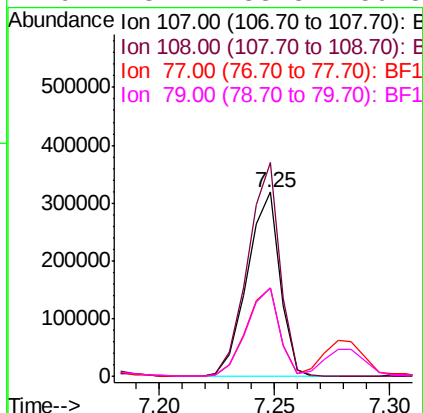
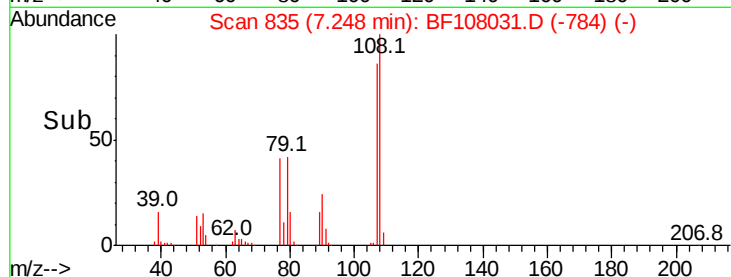
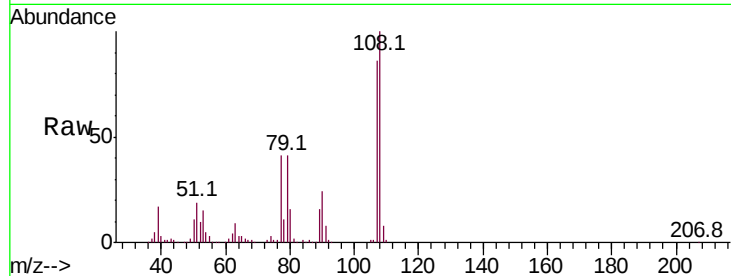
#17
2-Methylphenol
Concen: 22.276 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	91.7	137.5	
77	47.9	33.8	50.8	
79	48.1	33.8	50.8	

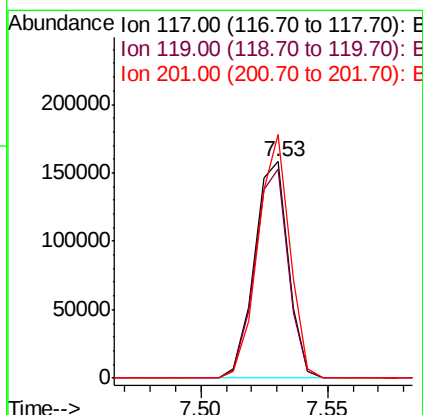
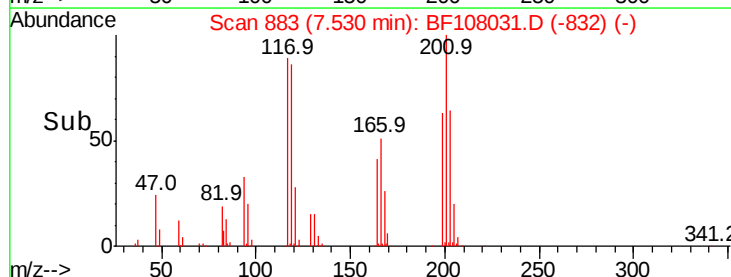
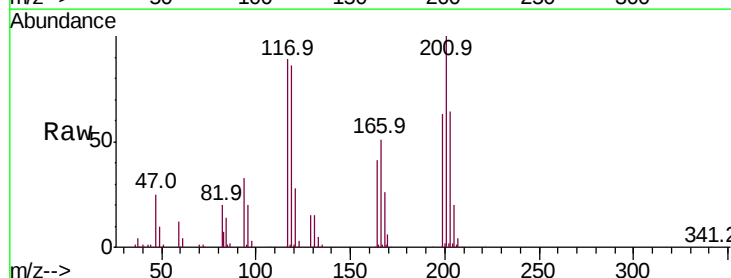
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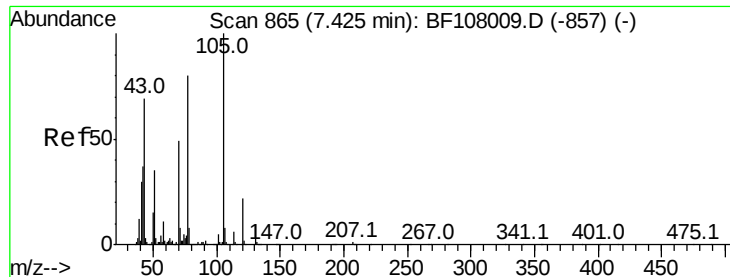
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#18
Hexachloroethane
Concen: 21.721 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.8	113.8	
201	112.4	75.7	113.5	





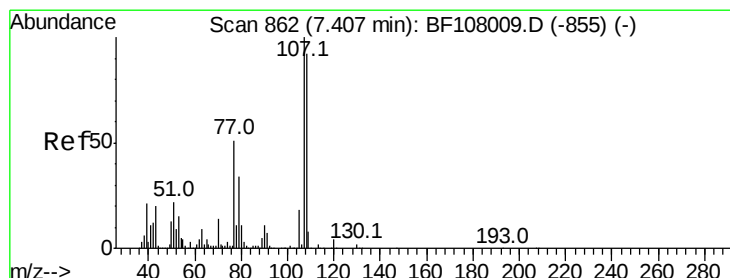
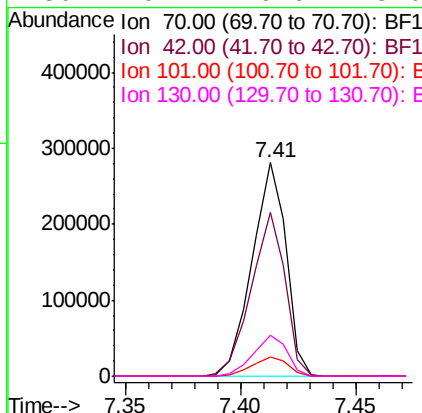
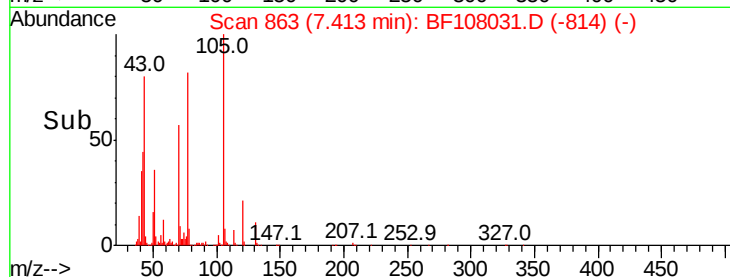
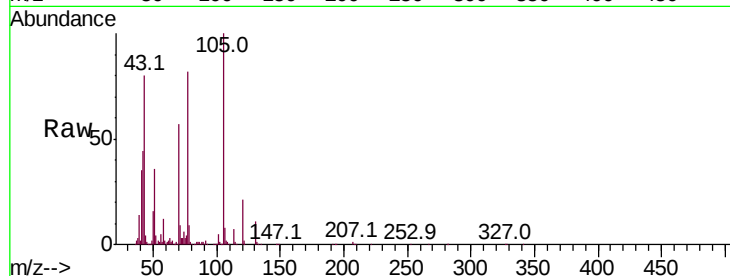
#19
n-Nitroso-di-n-propylamine
Concen: 21.953 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.7	47.5	71.3#
101	8.8	7.4	11.2
130	19.1	16.6	25.0

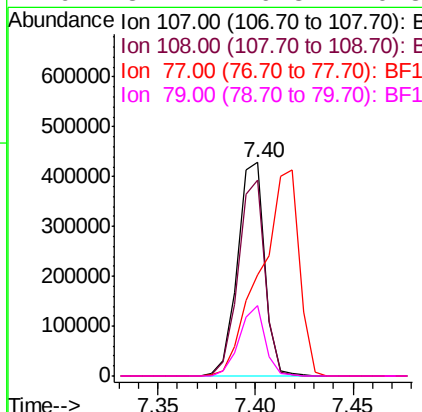
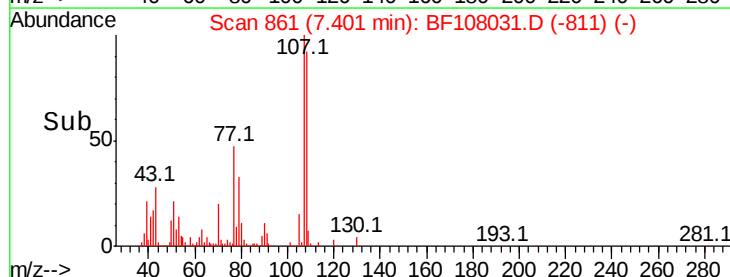
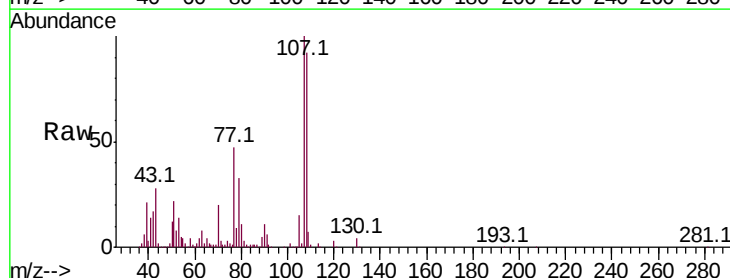
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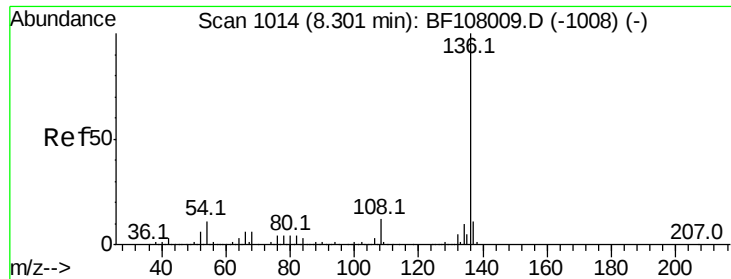
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#20
3+4-Methylphenols
Concen: 22.793 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	47.1	26.7	66.7
79	32.7	6.3	46.3





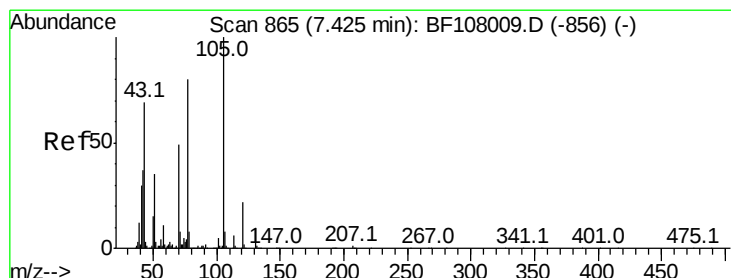
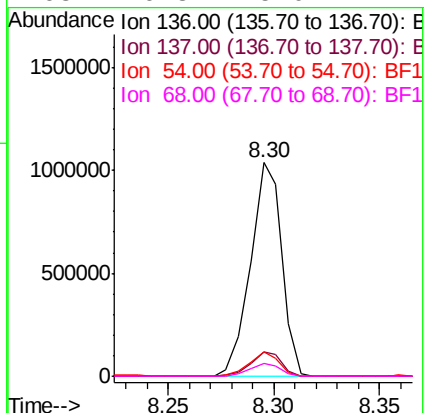
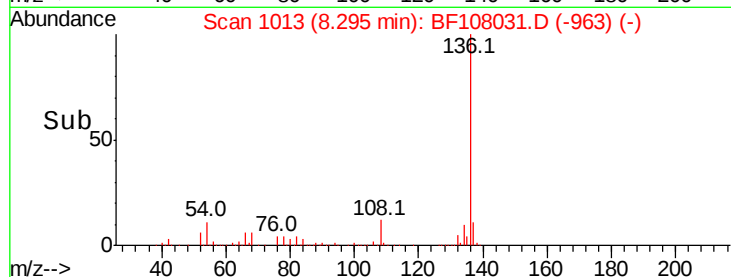
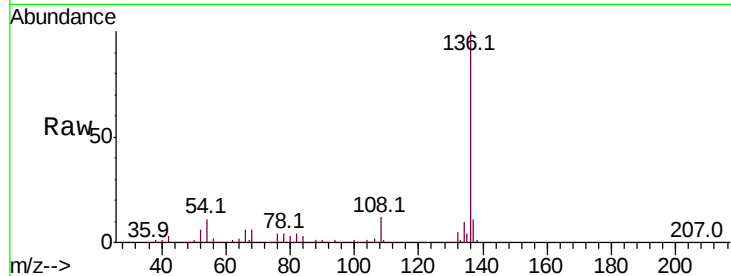
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.1	6.6	9.8
68	6.3	5.0	7.4

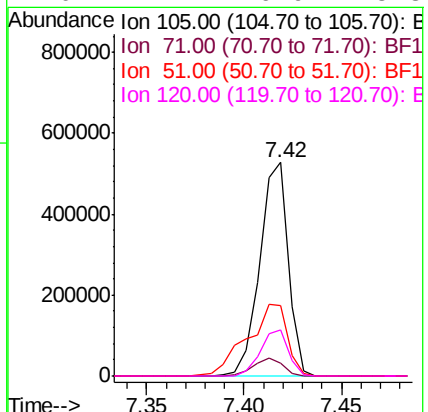
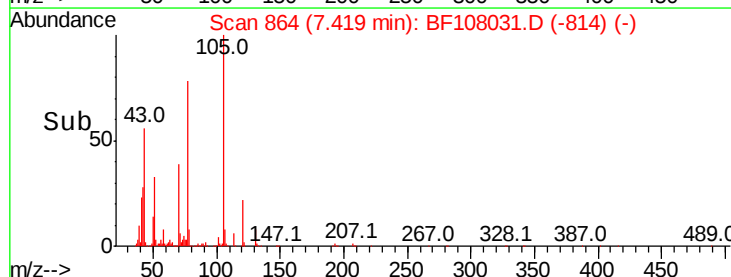
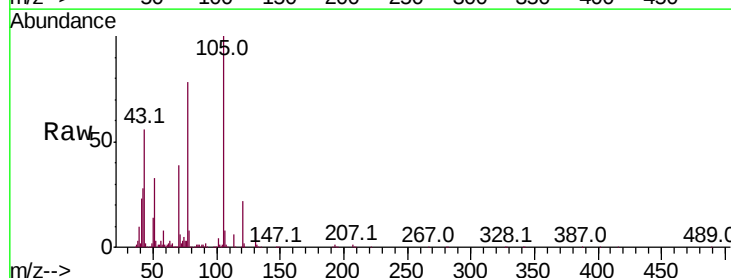
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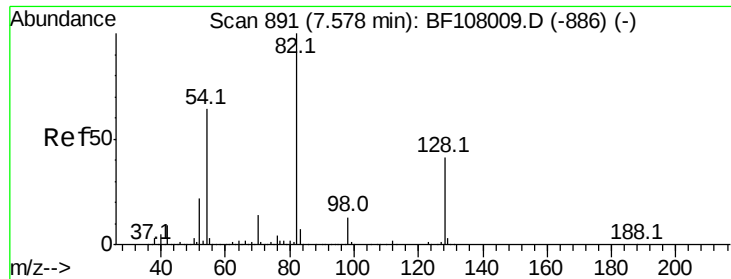
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#22
Acetophenone
Concen: 21.299 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	33.1	22.3	33.5
120	21.7	16.9	25.3





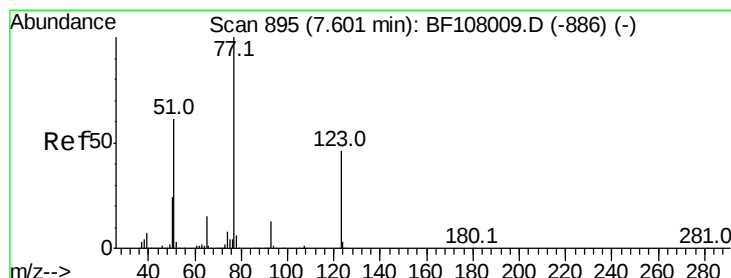
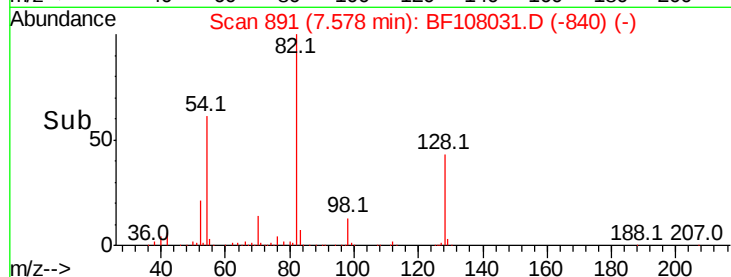
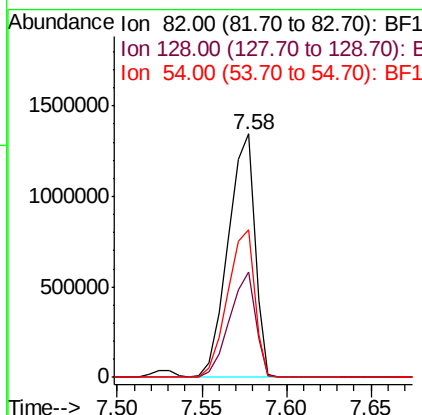
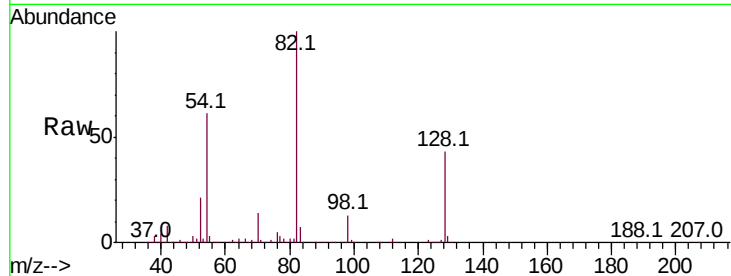
#23
 Nitrobenzene-d5
 Concen: 77.240 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion: 82 Resp: 1480107
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 60.6 41.4 62.2

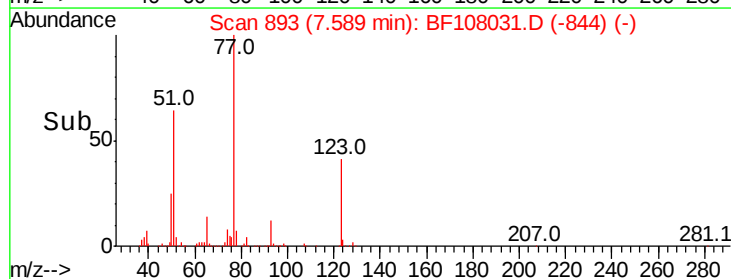
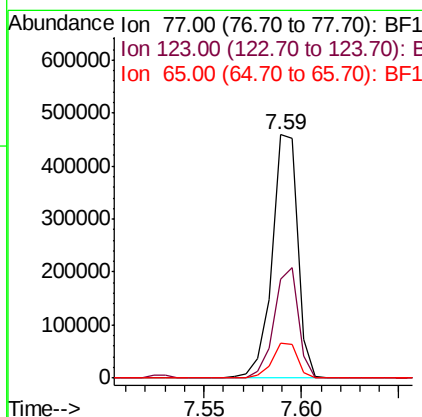
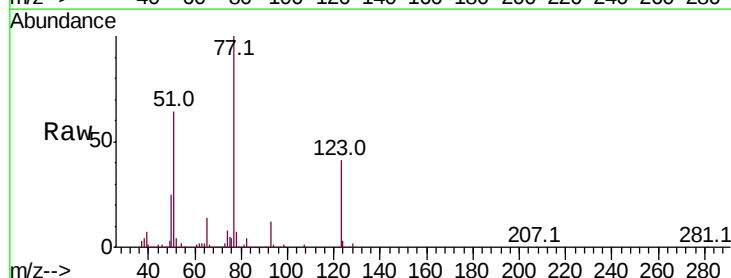
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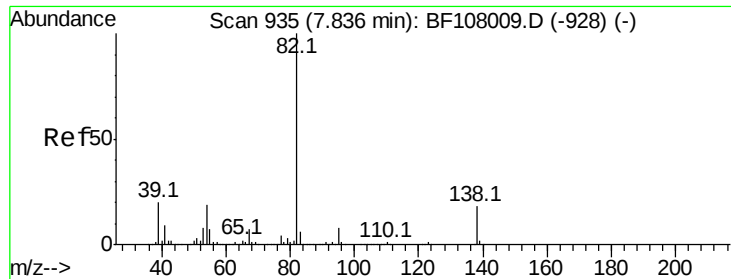
Sohil
 8/9/2018 5:01:32 PM



#24
 Nitrobenzene
 Concen: 21.578 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion: 77 Resp: 418128
 Ion Ratio Lower Upper
 77 100
 123 40.6 37.9 56.9
 65 14.1 11.0 16.4





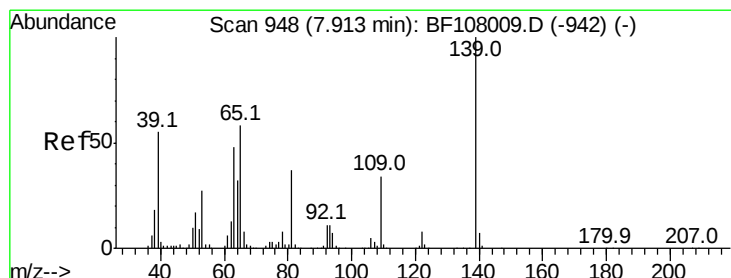
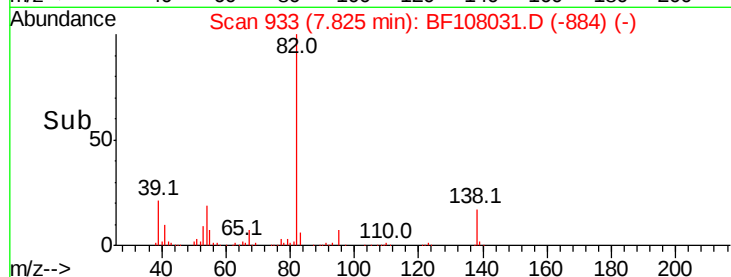
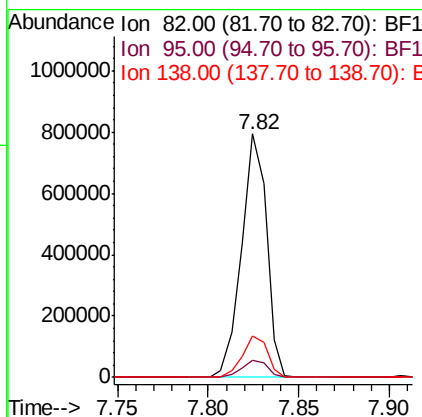
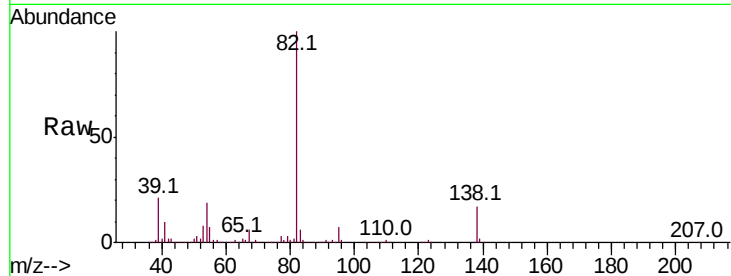
#25
Isophorone
Concen: 20.869 ng
RT: 7.82 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	16.9	14.9	22.3

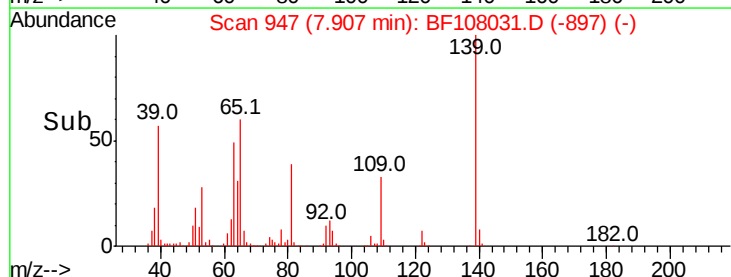
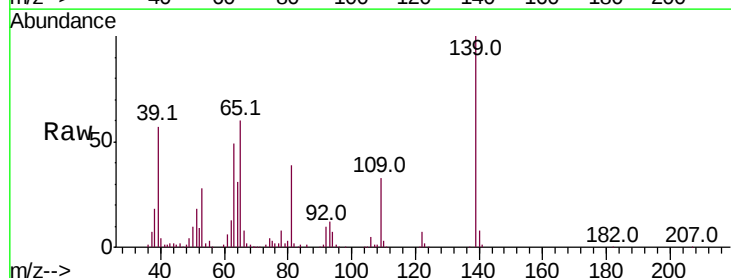
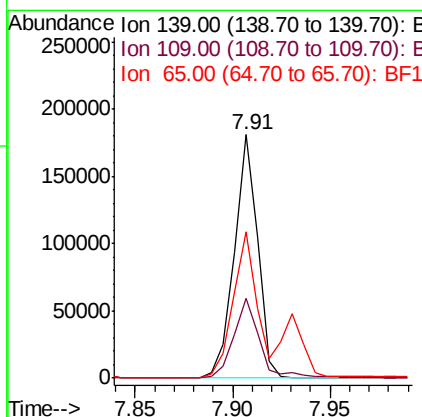
Manual Integrations
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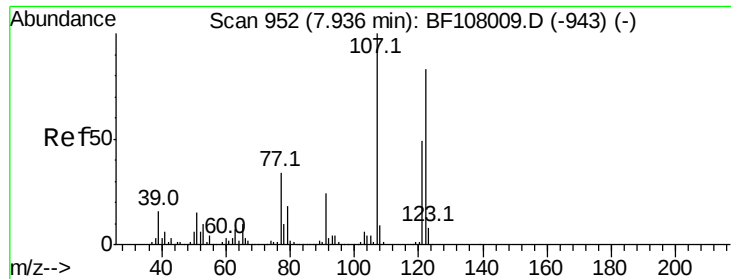
Sohil
8/9/2018 5:01:32 PM



#26
2-Nitrophenol
Concen: 20.461 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.7	22.7	34.1
65	59.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 22.267 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

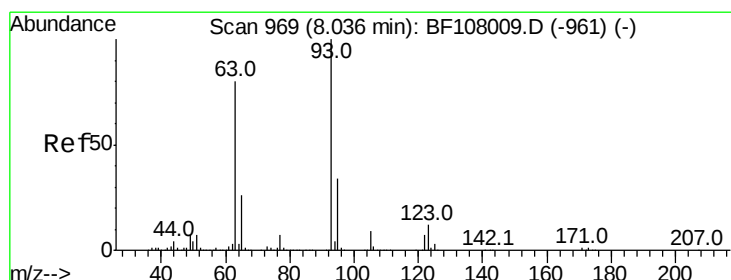
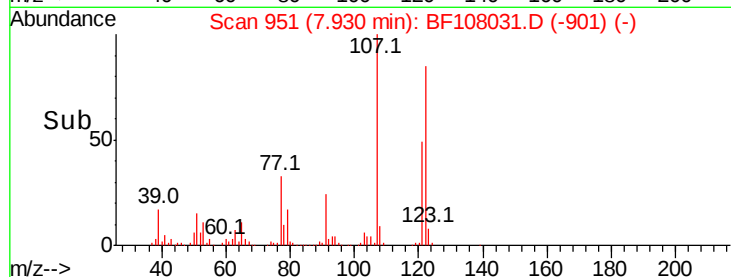
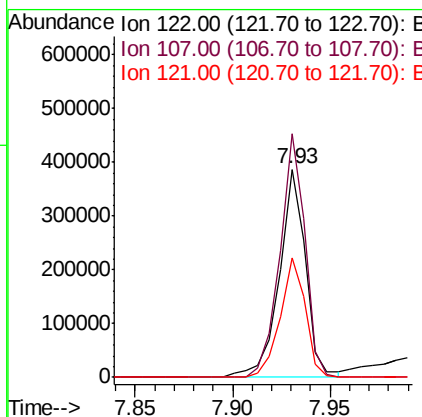
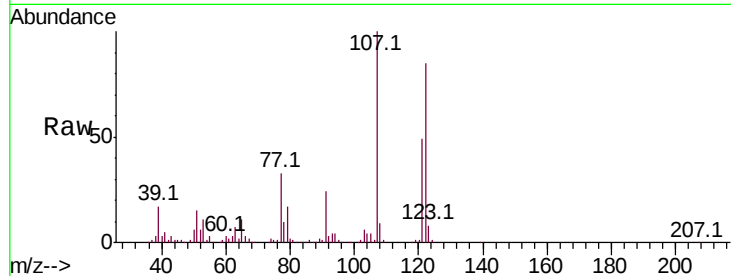
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	122	Resp:	360955
Ion Ratio	Lower	Upper	
122	100		
107	117.1	91.2	136.8
121	57.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 21.965 ng

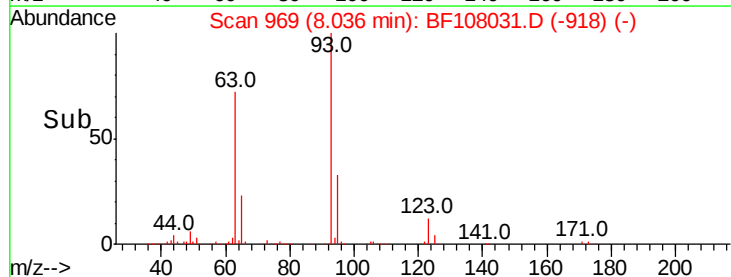
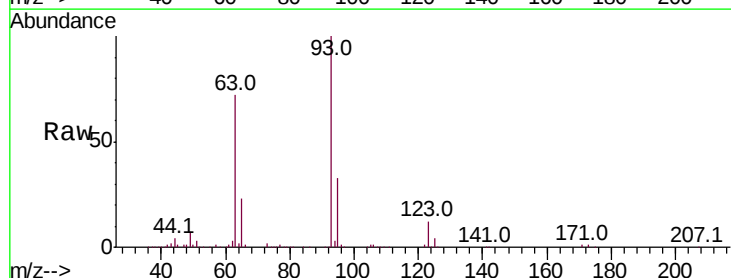
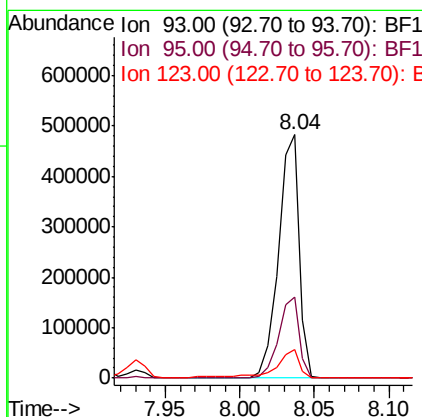
RT: 8.04 min Scan# 969

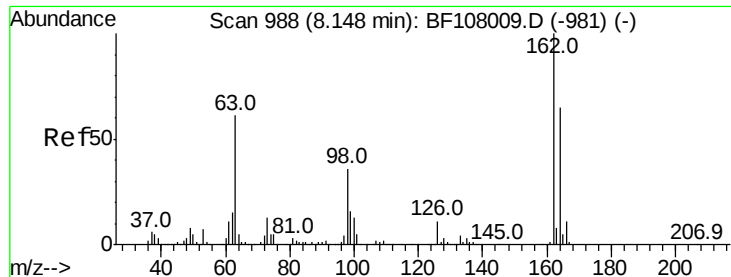
Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	93	Resp:	468336
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.3	39.5
123	11.5	9.8	14.6





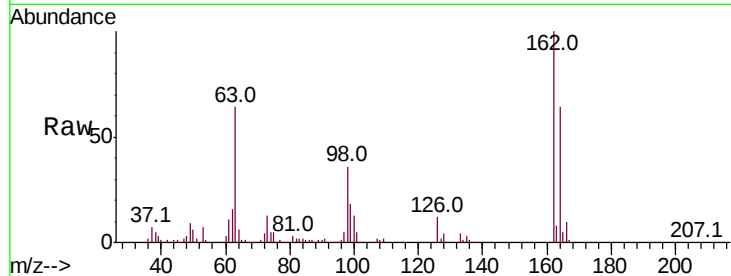
#29
2,4-Dichlorophenol
Concen: 22.056 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
162	100	329032		
164	63.8	42.7	82.7	
98	36.5	18.1	58.1	

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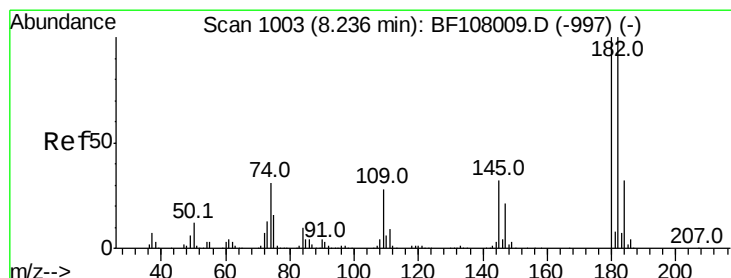
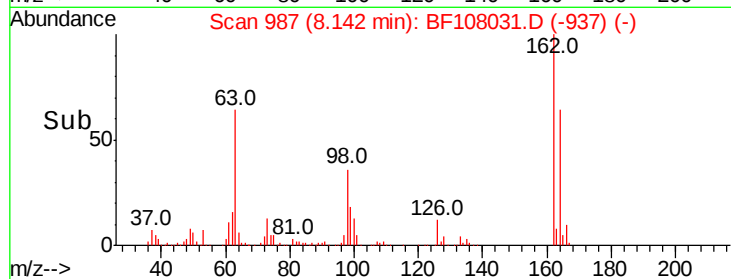
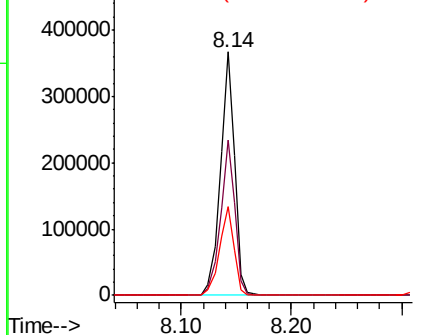


Abundance

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: 21.364 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

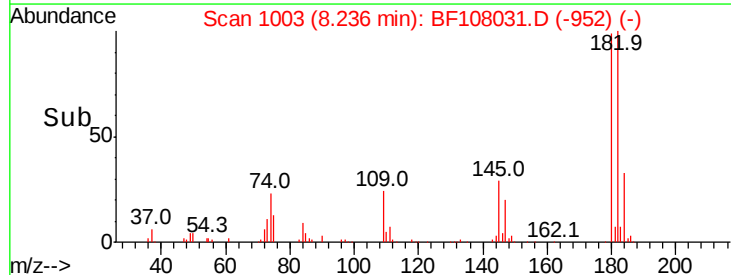
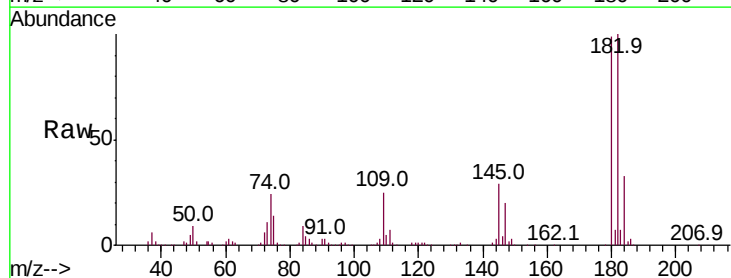
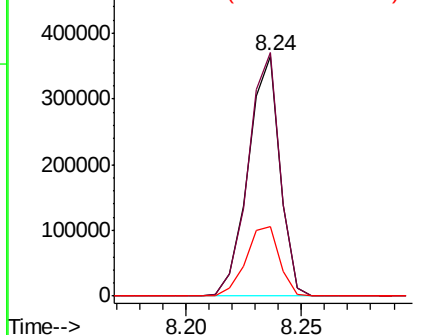
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351394		
182	101.4	76.8	115.2	
145	29.0	26.5	39.7	

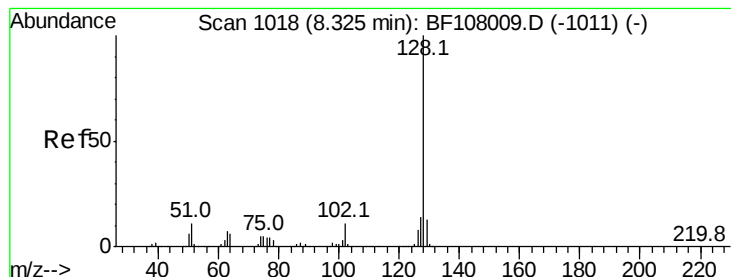
Abundance

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: 22.440 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:128 Resp: 1091265

Ion Ratio Lower Upper

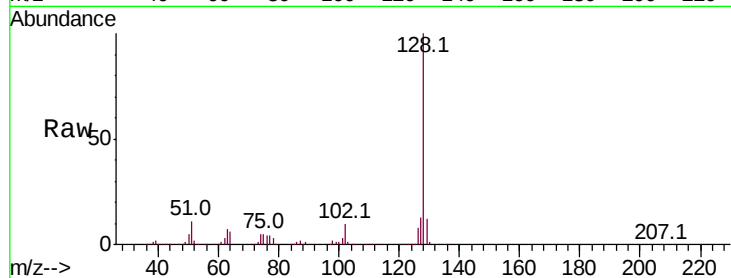
128 100

129 11.6 8.8 13.2

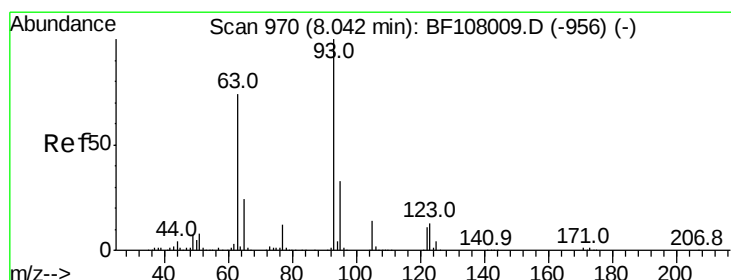
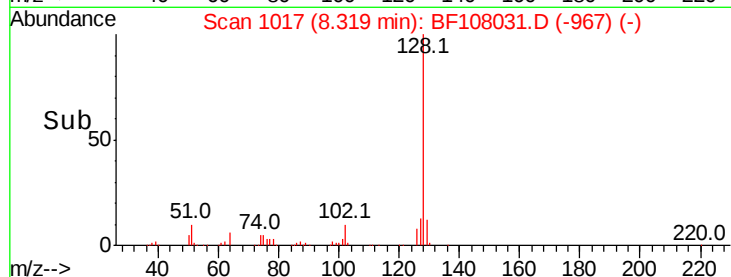
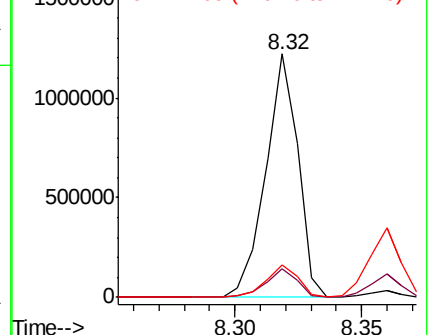
127 13.4 10.9 16.3

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



#32

Benzoic acid

Concen: 19.242 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

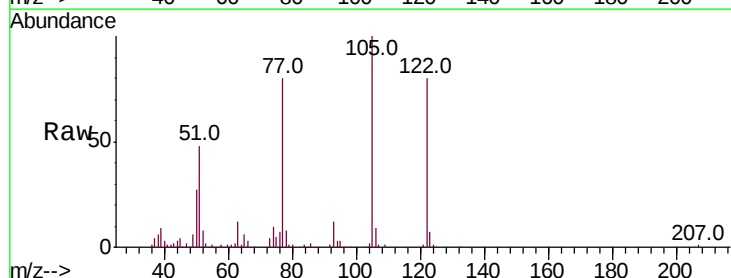
Tgt Ion:122 Resp: 142545

Ion Ratio Lower Upper

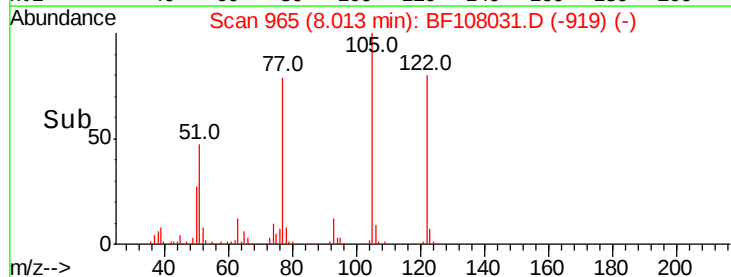
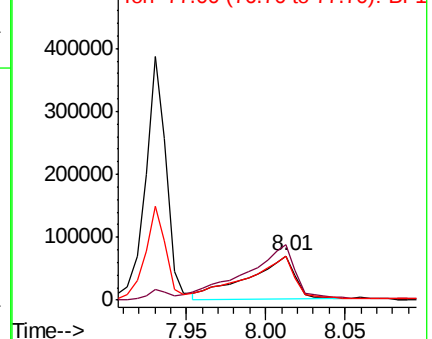
122 100

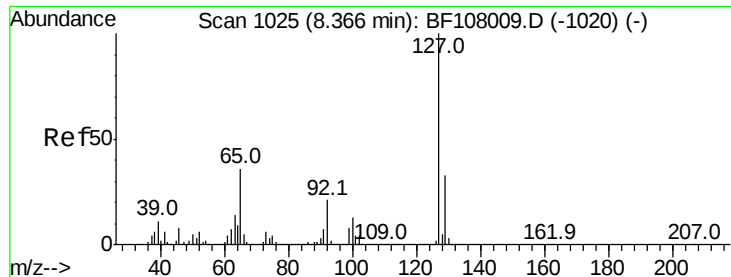
105 124.7 101.1 141.1

77 99.8 70.7 110.7



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





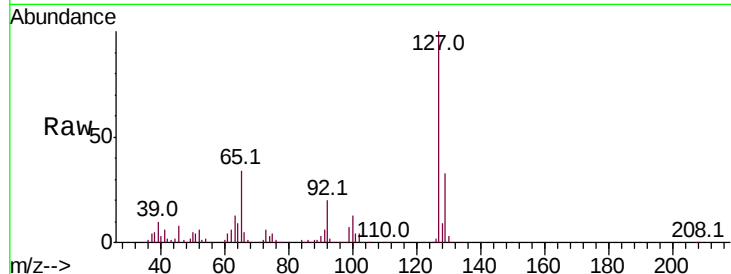
#33
4-Chloroaniline
Concen: 14.269 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	33.5	25.0	37.4	
92	19.9	15.2	22.8	

Manual Integrations
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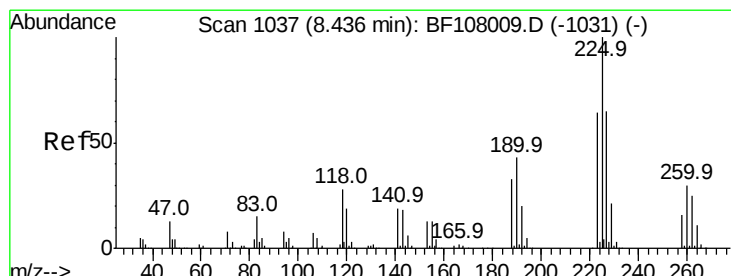
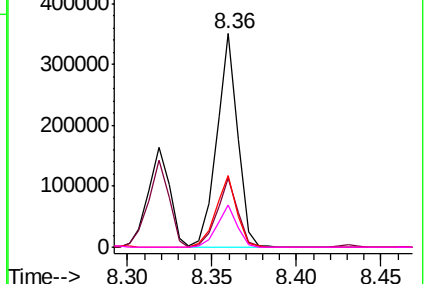
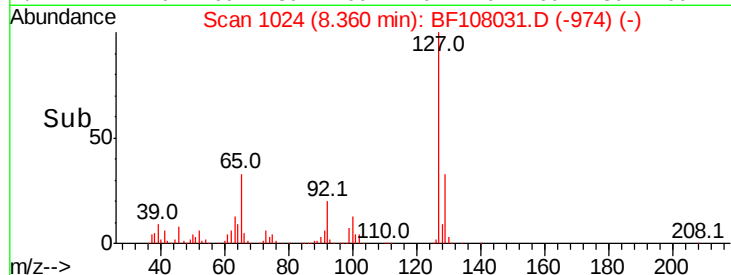
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

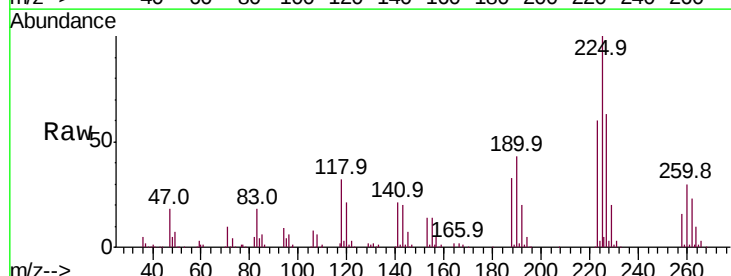
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 21.648 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	50.6	76.0	
227	62.7	51.9	77.9	

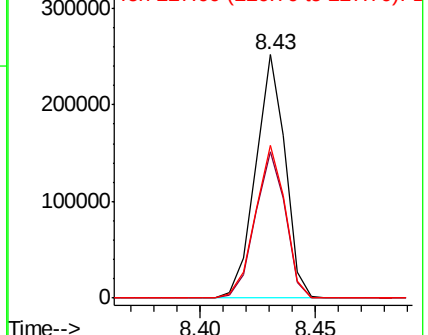
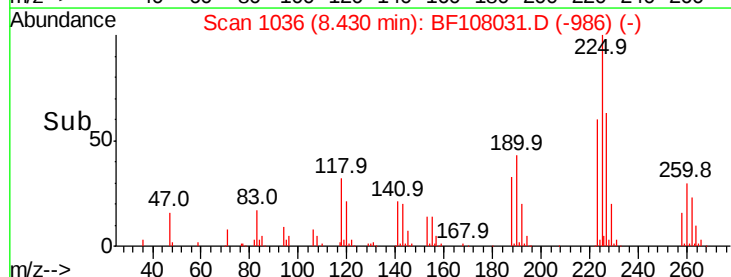


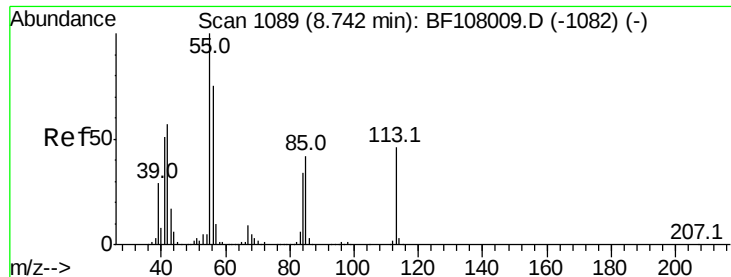
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





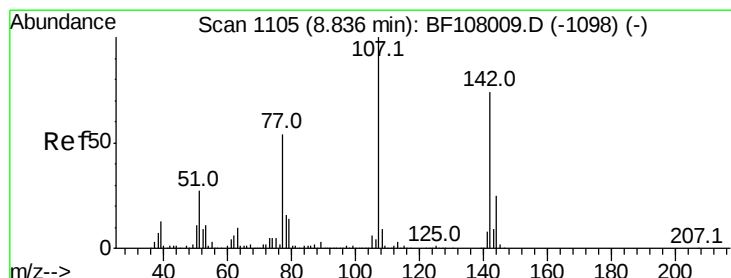
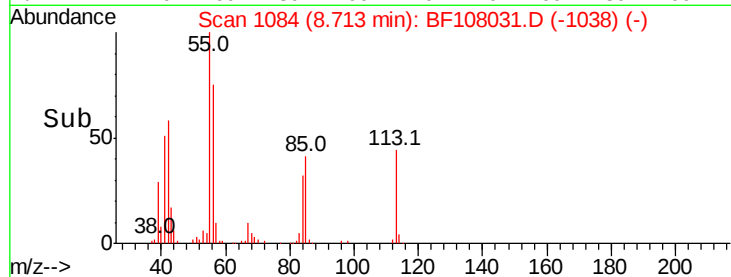
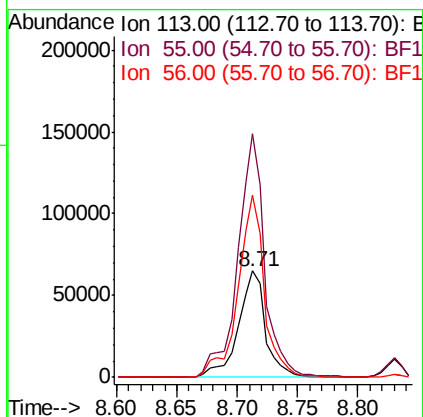
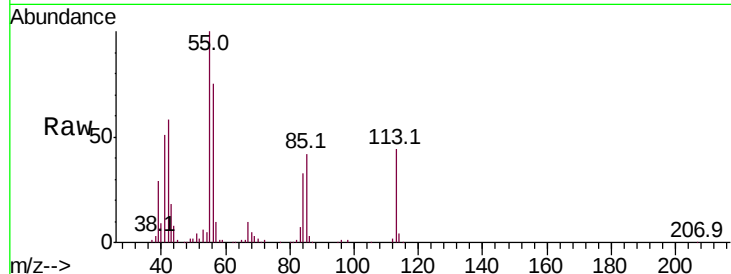
#35
Caprolactam
Concen: 21.807 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	228.9	163.3	203.3#	
56	170.8	115.7	155.7#	

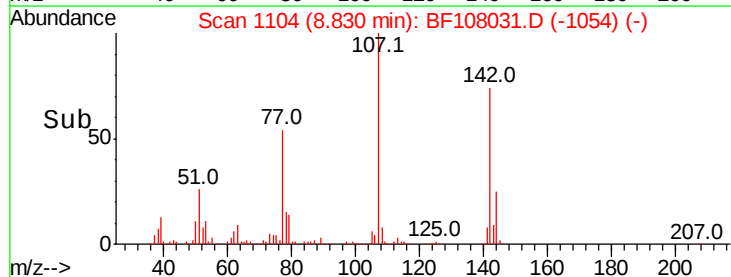
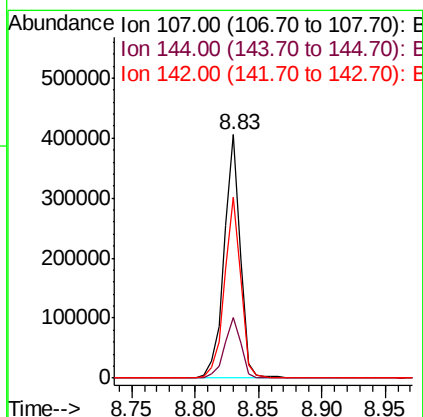
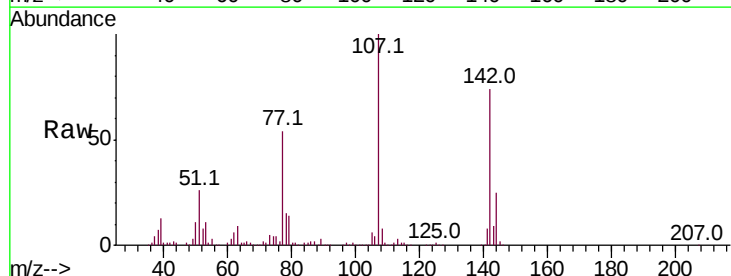
Manual Integrations
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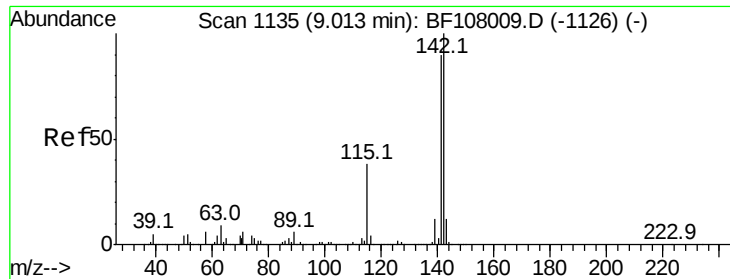
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#36
4-Chloro-3-methylphenol
Concen: 22.383 ng
RT: 8.83 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.9	20.5	30.7	
142	74.4	62.0	93.0	





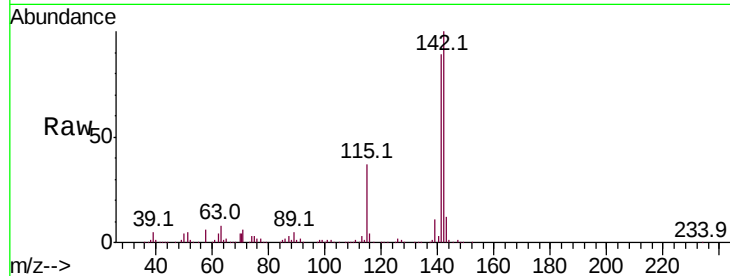
#37
2-Methylnaphthalene
Concen: 22.166 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	37.3	26.1	39.1

Manual Integrations
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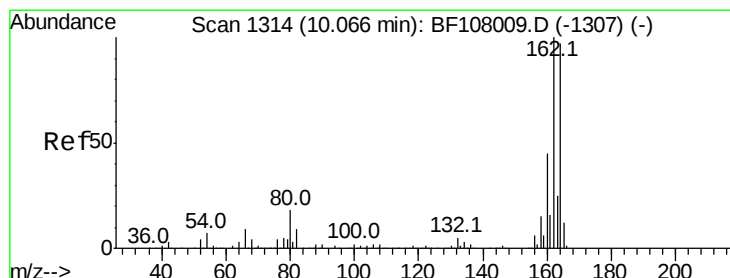
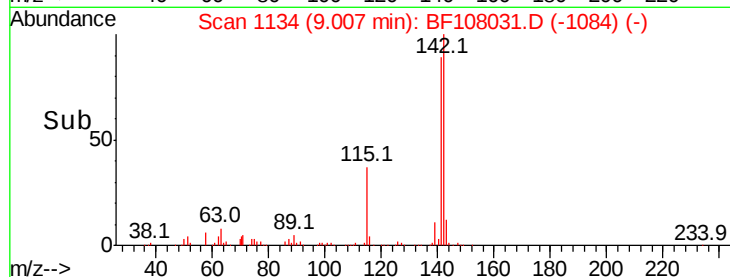
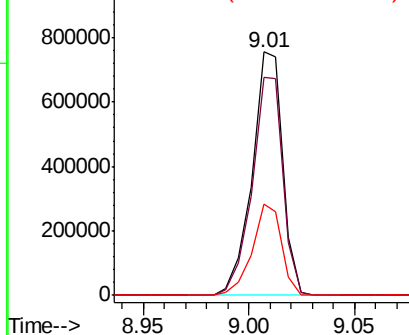


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

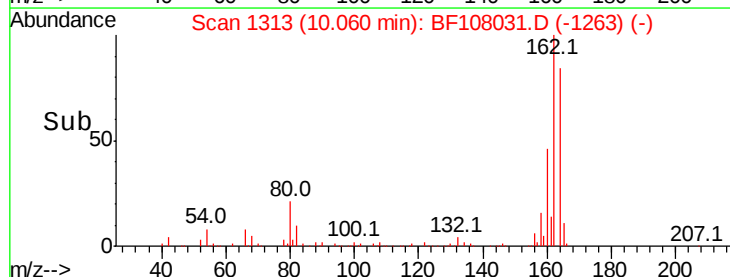
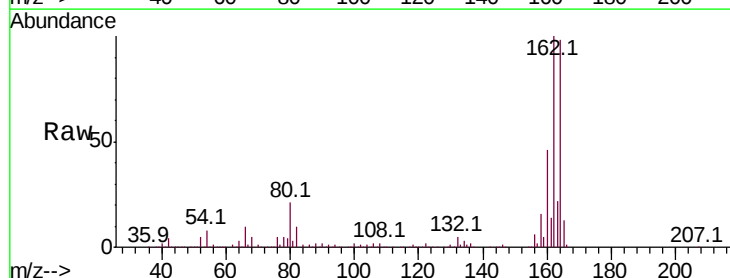
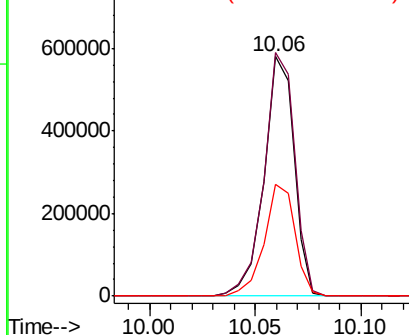
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.9	38.3	57.5

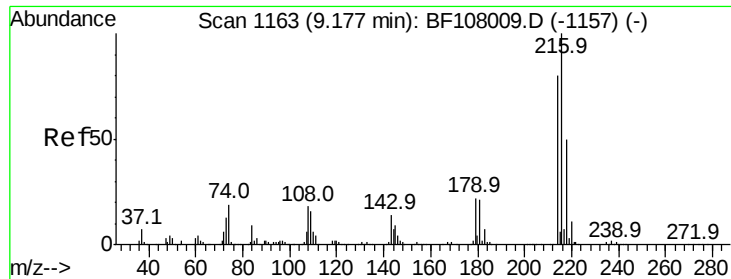
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





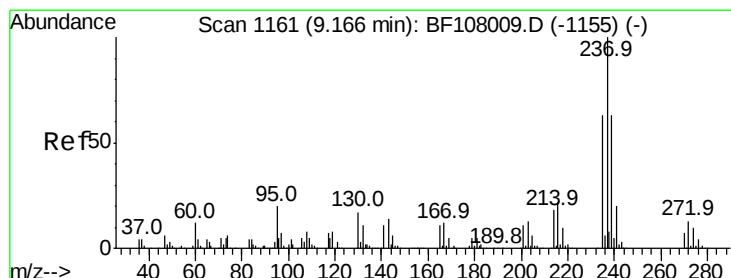
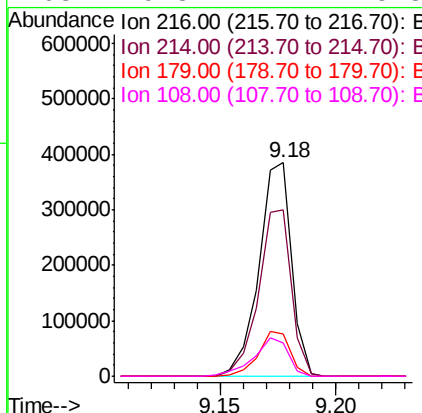
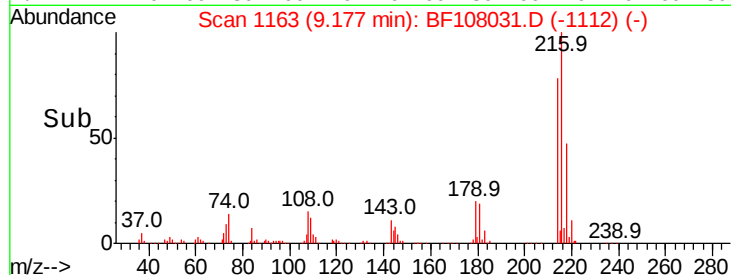
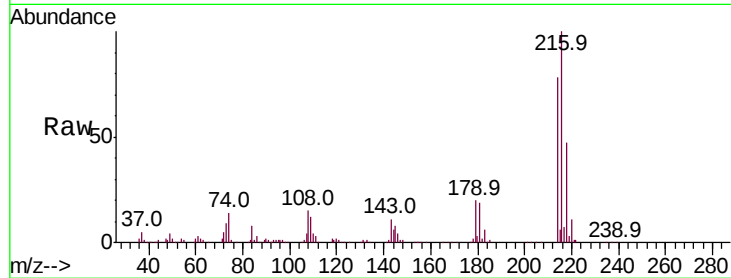
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.433 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
216	100	379372		
214	78.6	63.0	94.4	
179	20.6	18.1	27.1	
108	19.3	17.2	25.8	

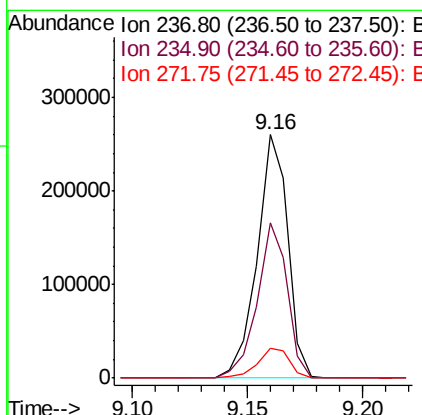
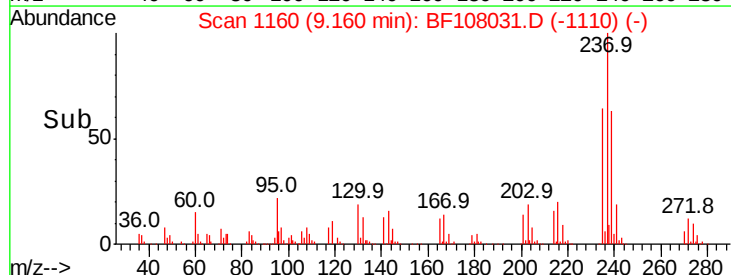
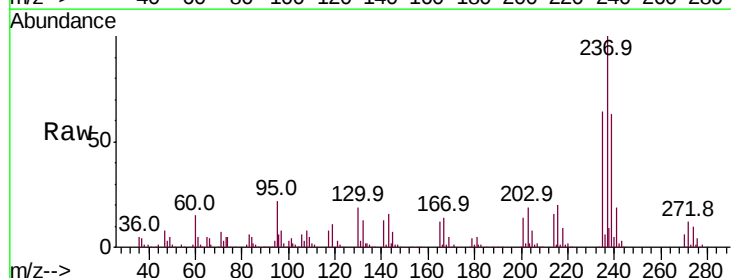
Manual Integrations
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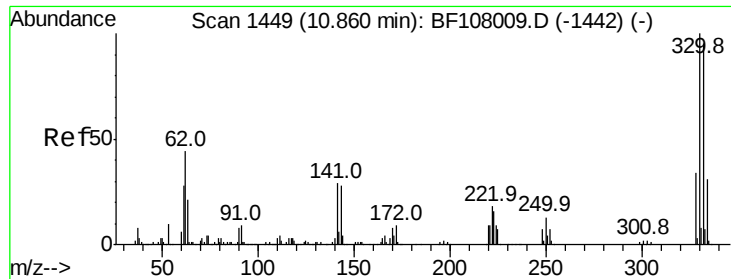
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 21.048 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	240642		
235	63.8	44.8	84.8	
272	12.4	0.0	33.3	





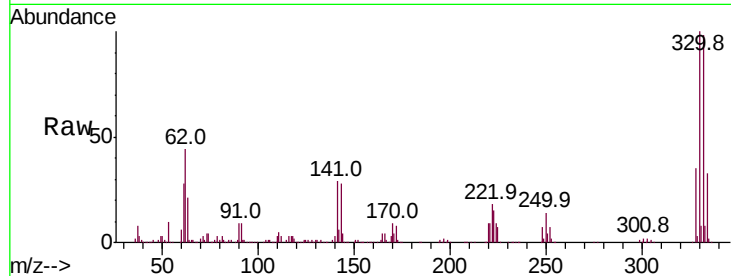
#41
 2,4,6-Tribromophenol
 Concen: 153.478 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	34.4	29.9	44.9	

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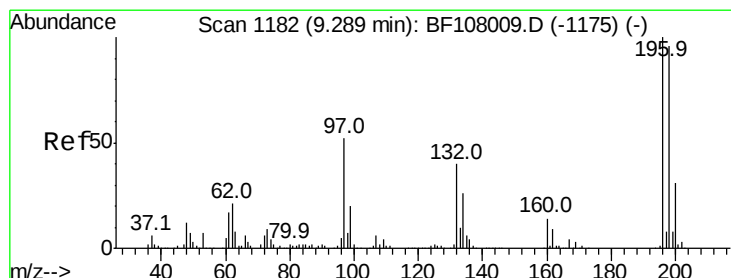
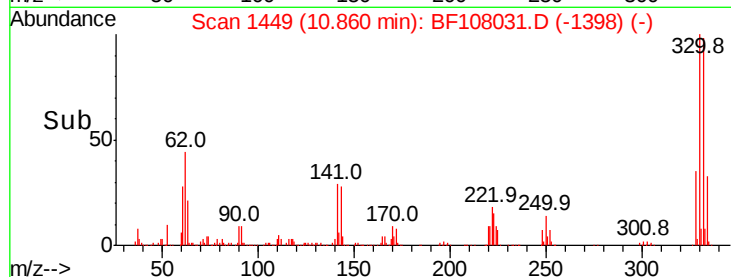
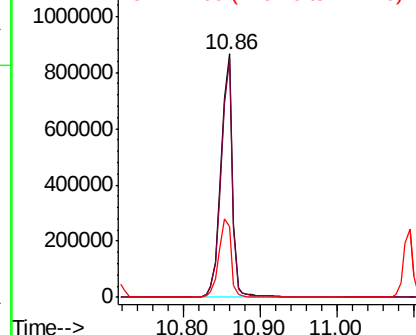


Abundance

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: 21.710 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

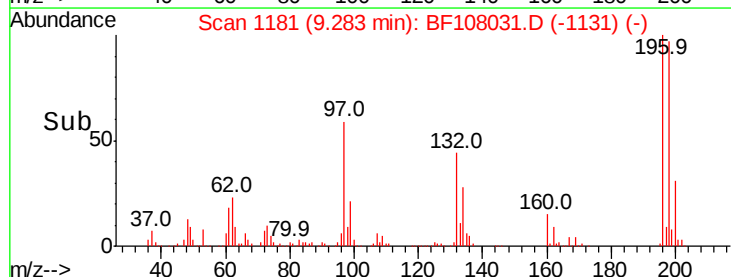
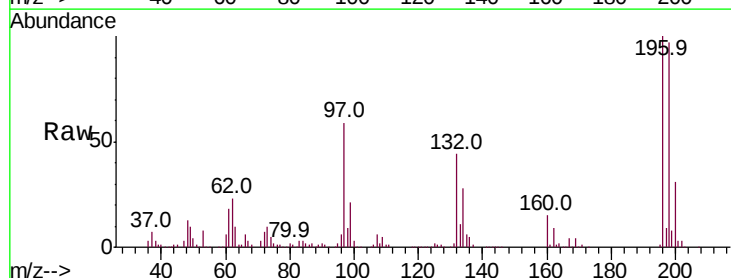
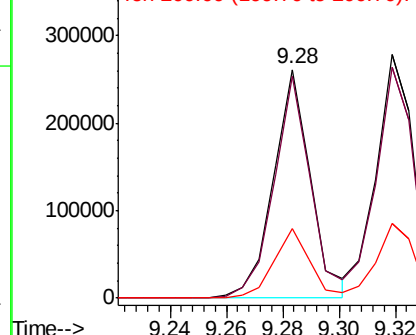
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	75.7	113.5	
200	30.5	24.5	36.7	

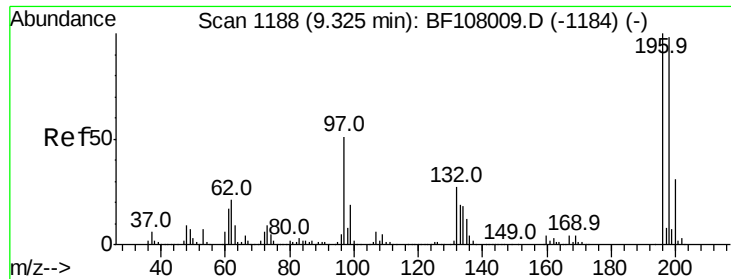
Abundance

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





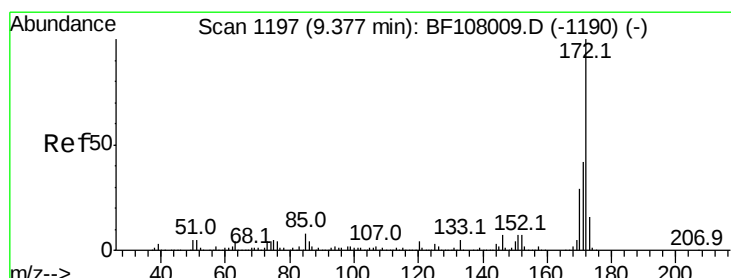
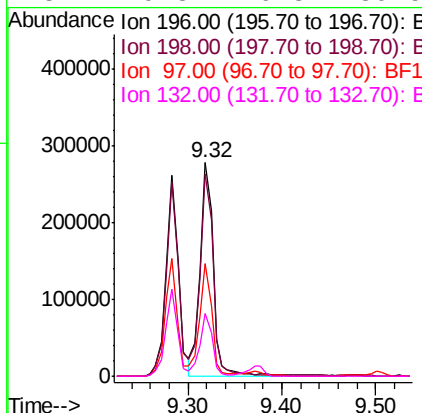
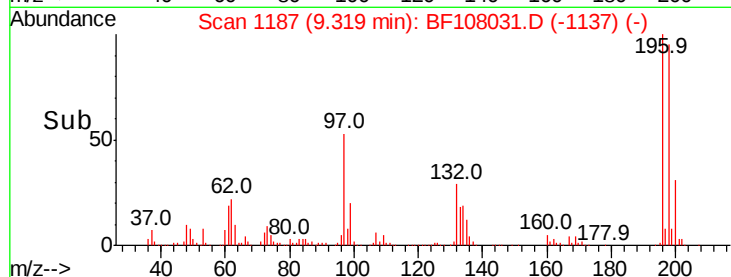
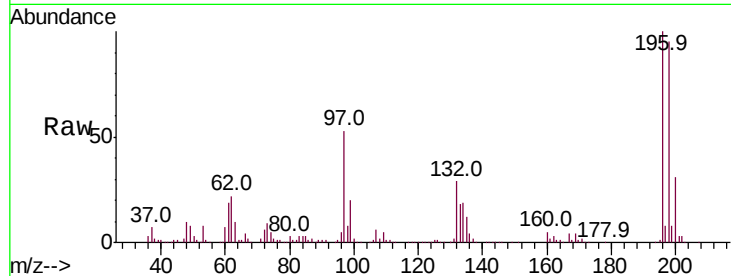
#43
 2,4,5-Trichlorophenol
 Concen: 22.364 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	270415		
198	94.6		74.6	112.0
97	53.0		42.9	64.3
132	29.3		26.3	39.5

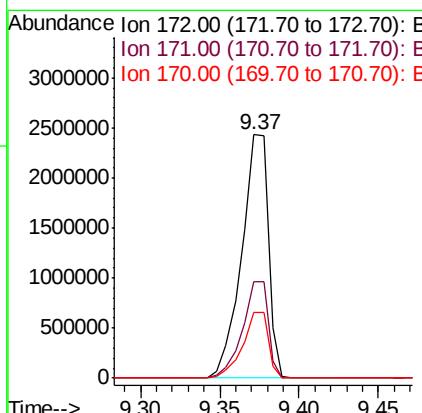
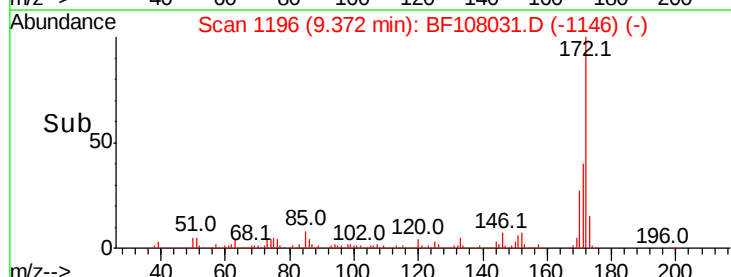
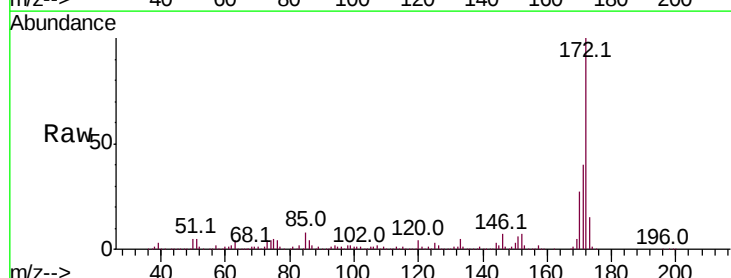
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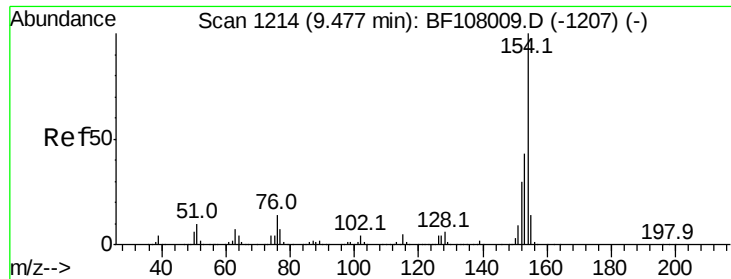
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 78.834 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2830307		
171	39.6		29.7	44.5
170	27.0		19.6	29.4





#45

1,1'-Biphenyl

Concen: 22.161 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

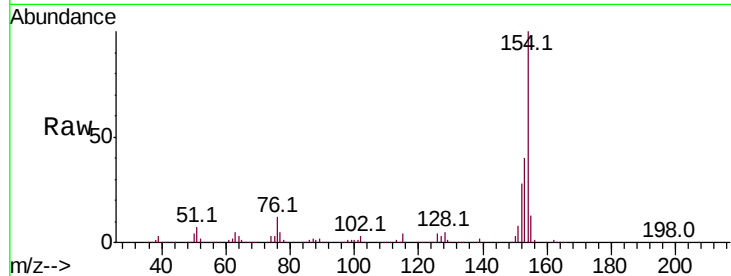
ClientSampleId :

LOQ-WATER-02-QT3-2018

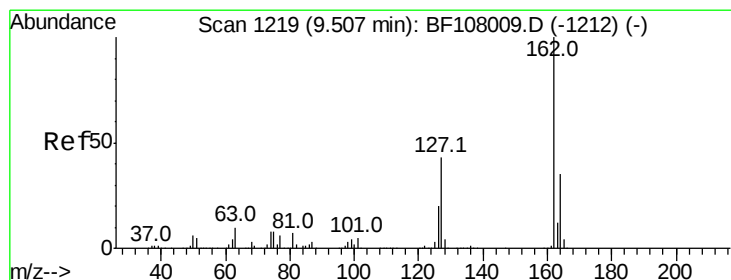
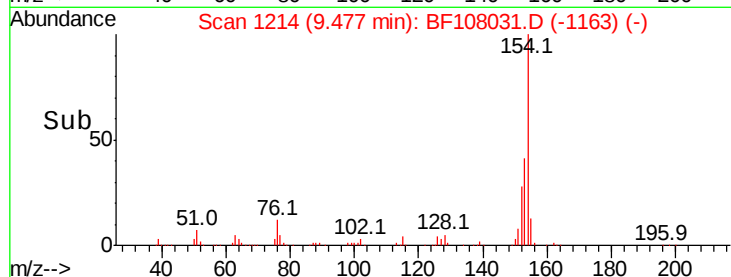
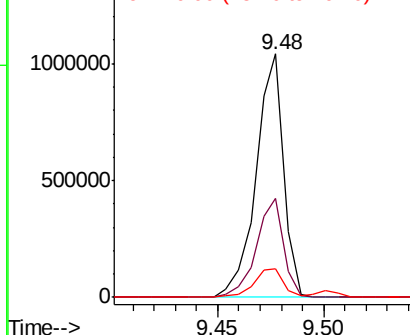
Tot Ion:	154	Resp:	941784
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	11.8	0.0	34.0

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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: 21.846 ng

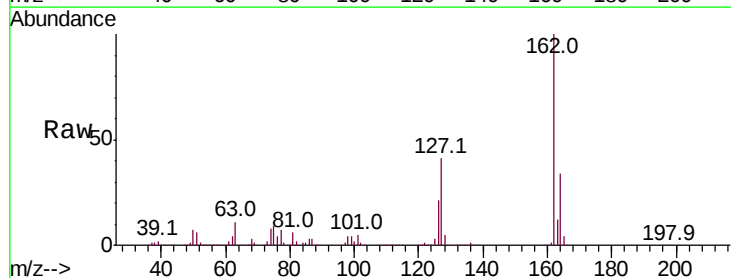
RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

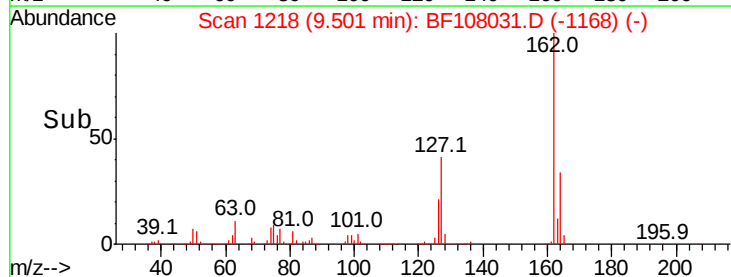
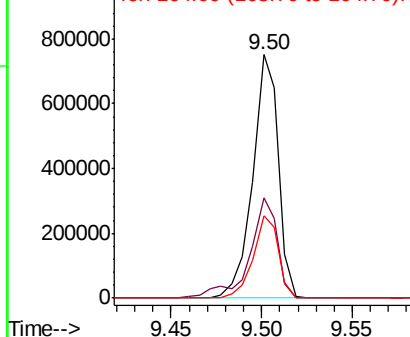
Lab File: BF108031.D

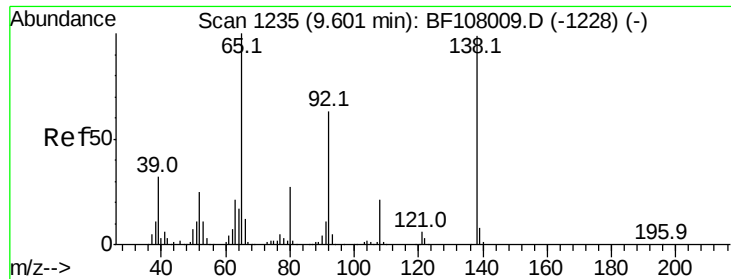
Acq: 8 Aug 2018 20:36

Tgt Ion:	162	Resp:	733770
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	33.6	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





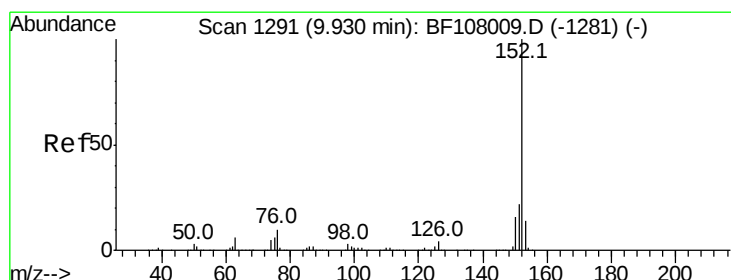
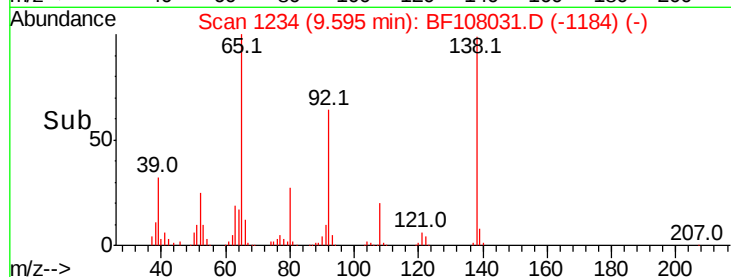
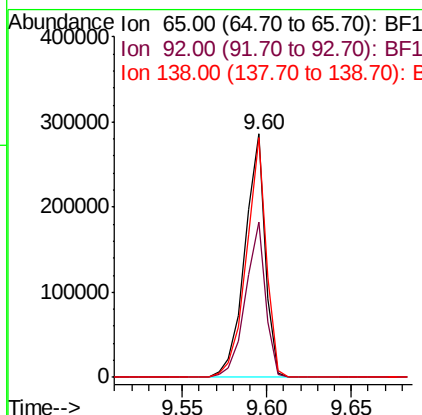
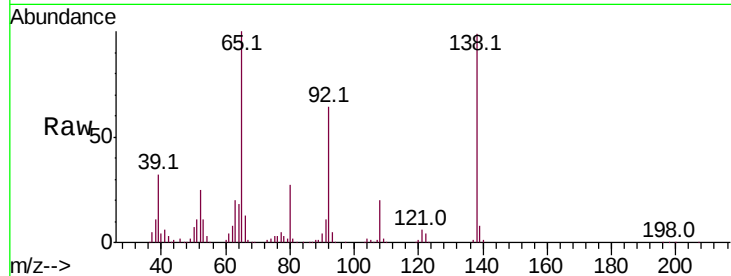
#47
2-Nitroaniline
Concen: 22.213 ng
RT: 9.60 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.8	83.6
138	98.6	91.2	136.8

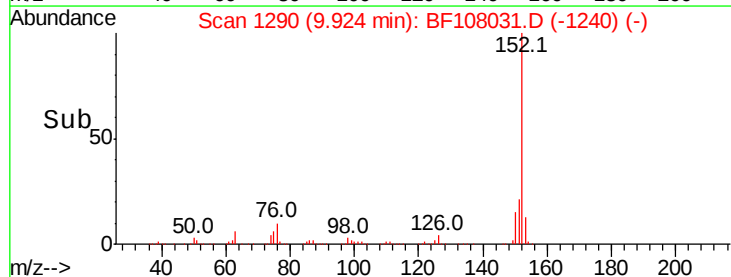
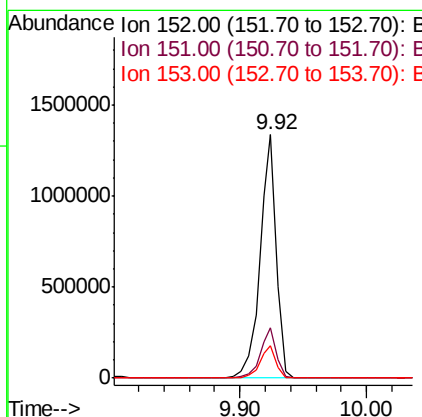
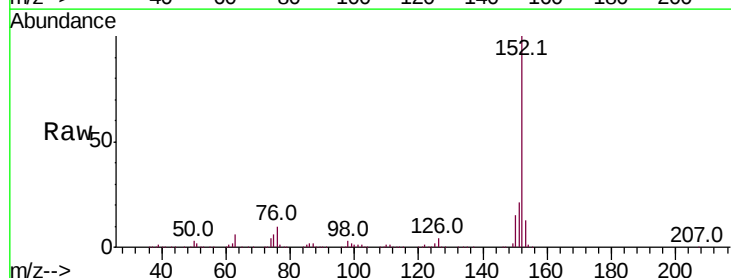
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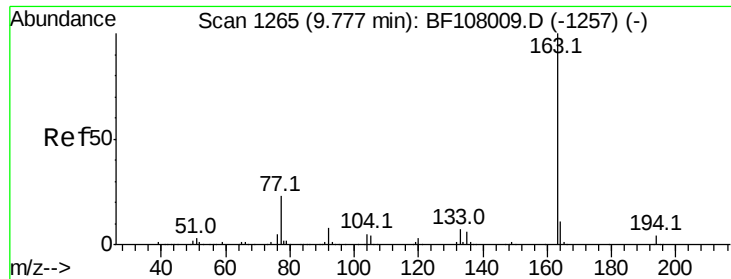
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#48
Acenaphthylene
Concen: 22.559 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





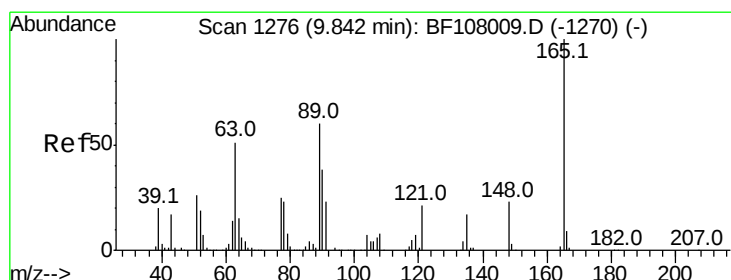
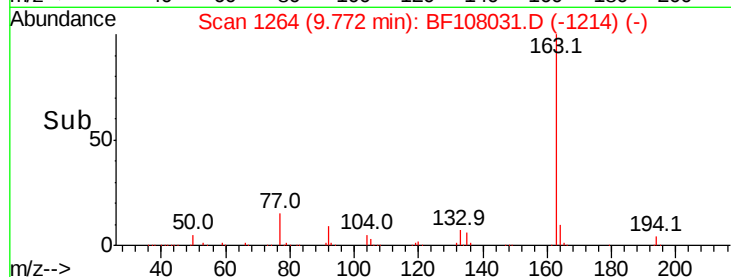
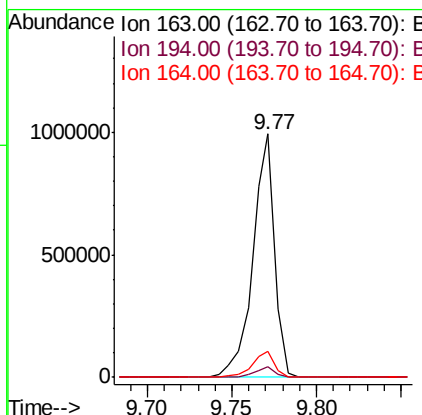
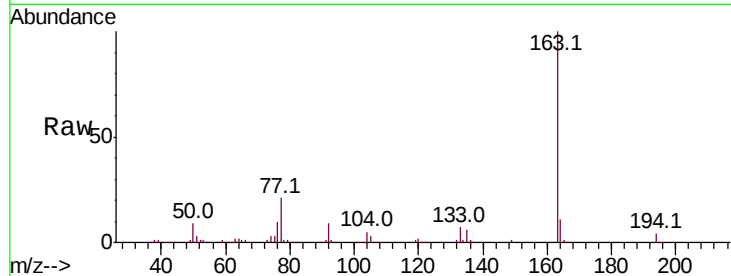
#49
 Dimethylphthalate
 Concen: 22.129 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:	163	Resp:	888480
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.5	8.2	12.2

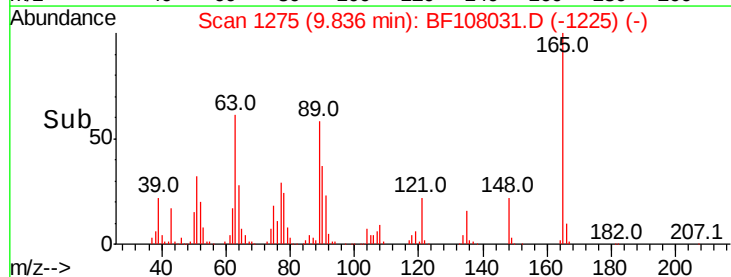
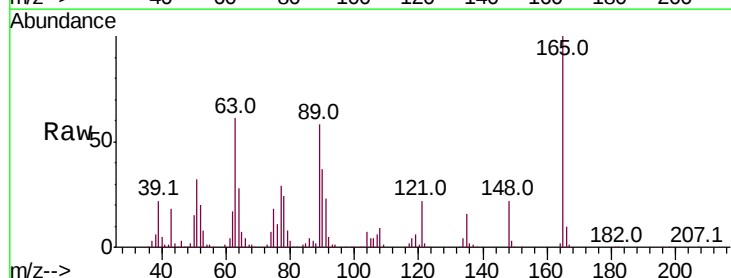
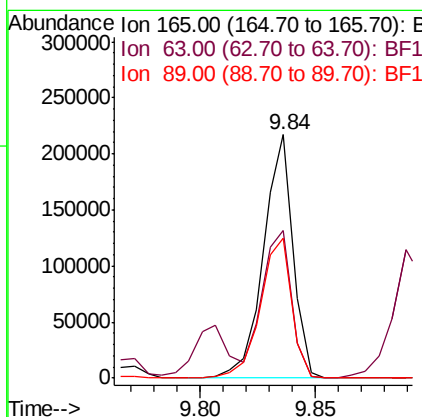
Manual Integrations
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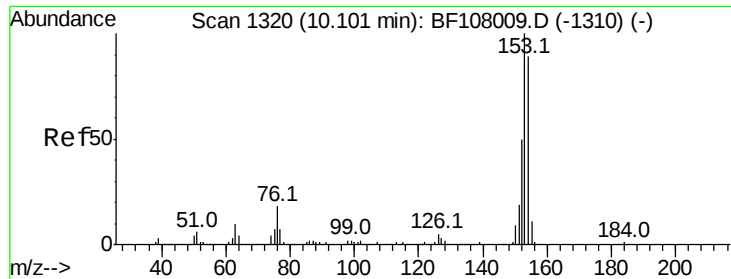
Sohil
 8/9/2018 5:01:32 PM



#50
 2,6-Dinitrotoluene
 Concen: 22.932 ng
 RT: 9.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion:	165	Resp:	192635
Ion Ratio	Lower	Upper	
165	100		
63	60.8	44.7	67.1
89	57.7	44.0	66.0





#51

Acenaphthene

Concen: 22.180 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

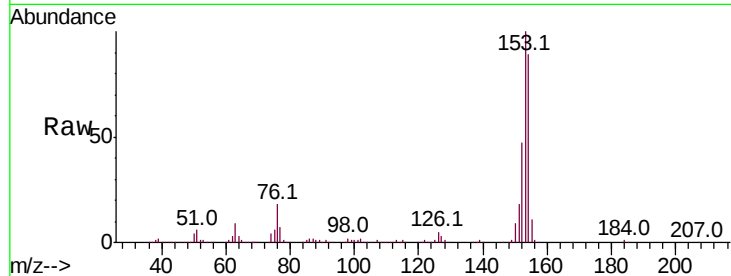
ClientSampleId :

LOQ-WATER-02-QT3-2018

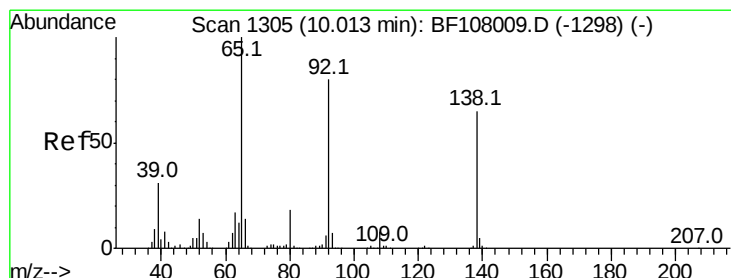
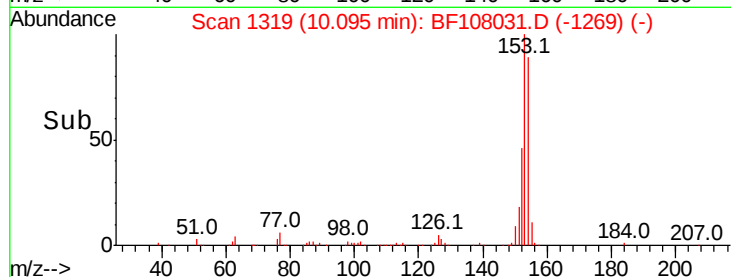
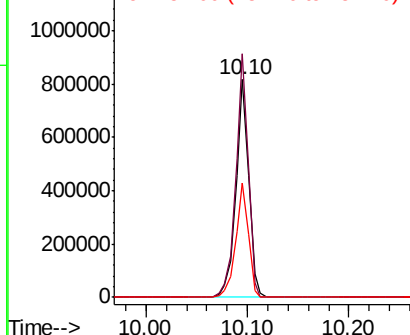
Tot Ion:	154	Resp:	721375
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.2	136.8
152	52.5	43.8	65.8

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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: 16.314 ng

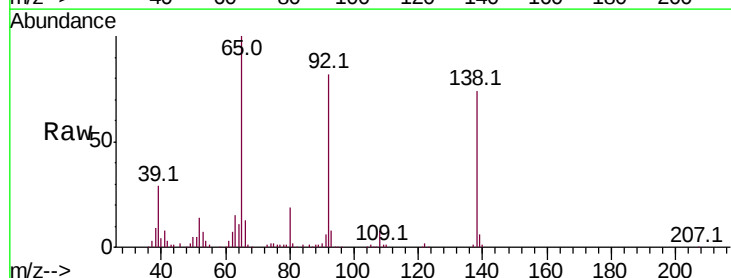
RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

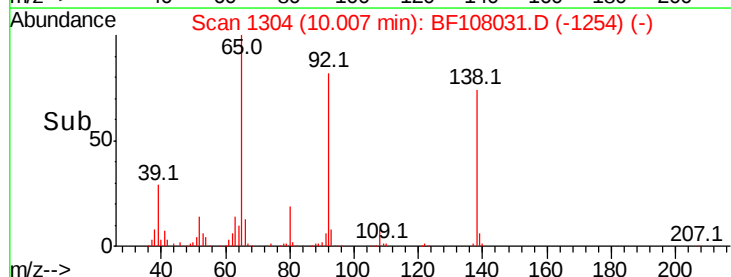
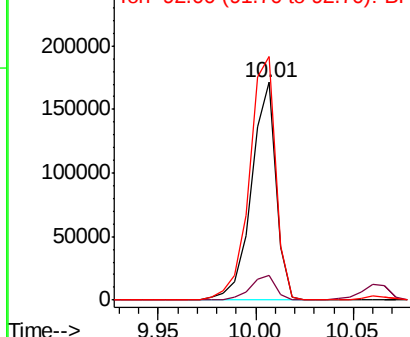
Lab File: BF108031.D

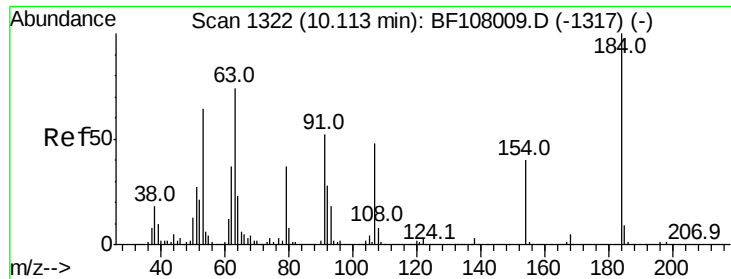
Acq: 8 Aug 2018 20:36

Tgt Ion:	138	Resp:	149943
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.0
92	111.9	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





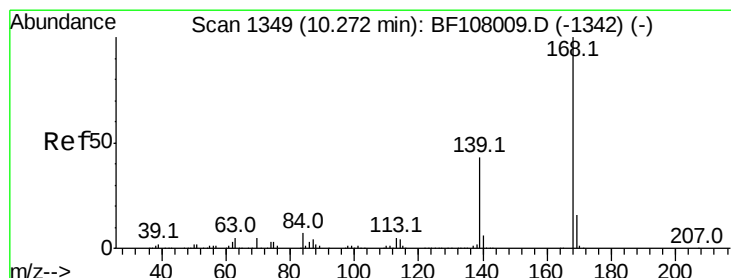
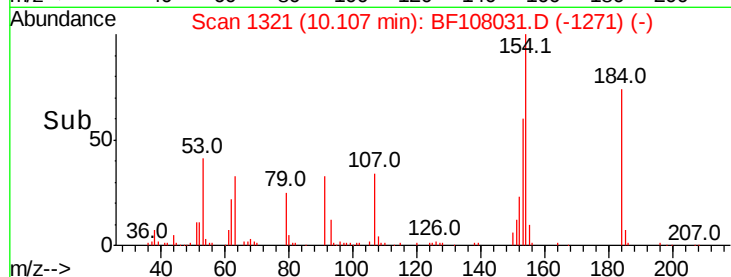
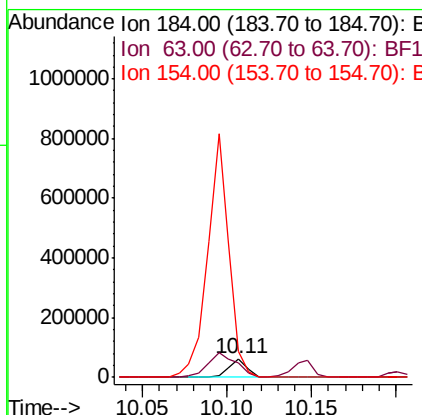
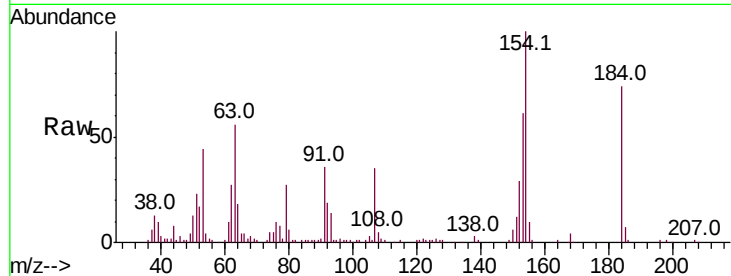
#53
 2,4-Dinitrophenol
 Concen: 21.072 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	75.8	54.2	81.2	
154	136.0	184.0	276.0	

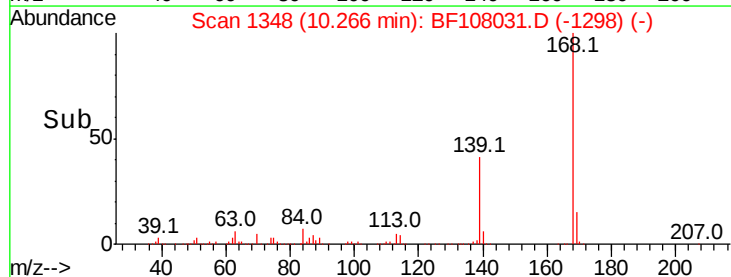
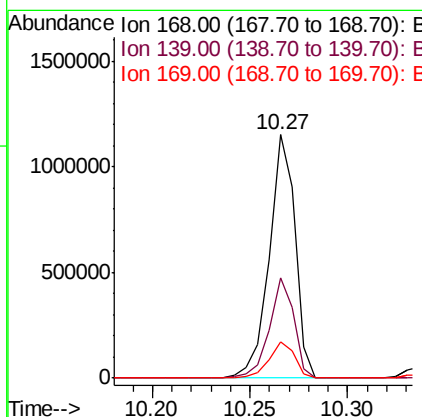
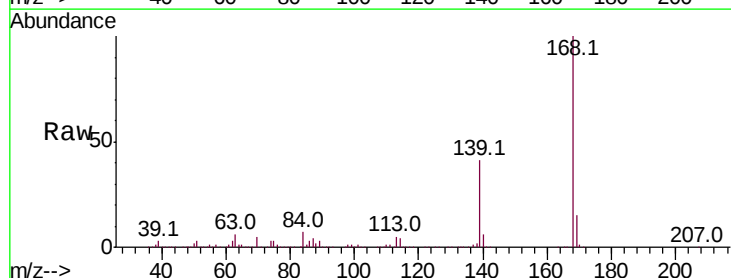
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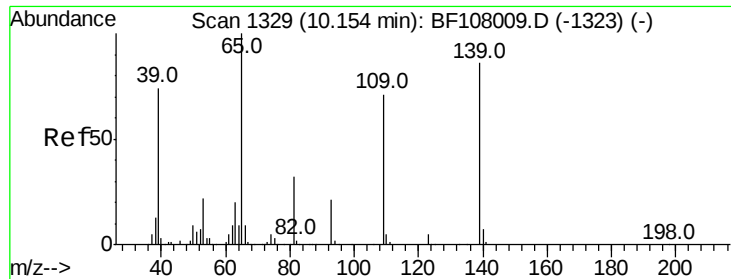
Sohil
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#54
 Dibenzofuran
 Concen: 22.364 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	41.0	30.1	45.1	
169	15.0	10.9	16.3	





#55

4-Nitrophenol

Concen: 21.306 ng

RT: 10.15 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

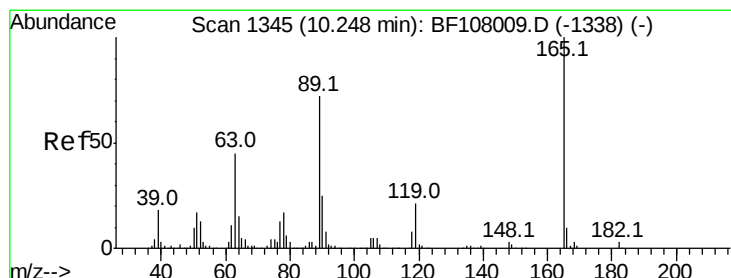
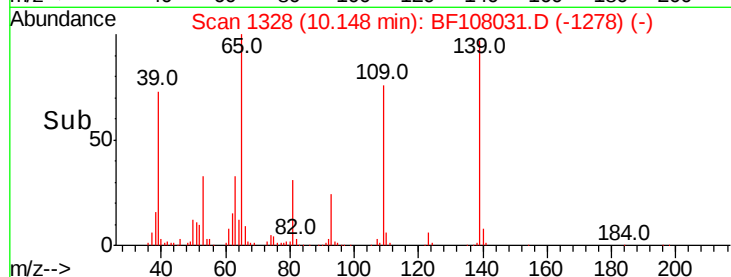
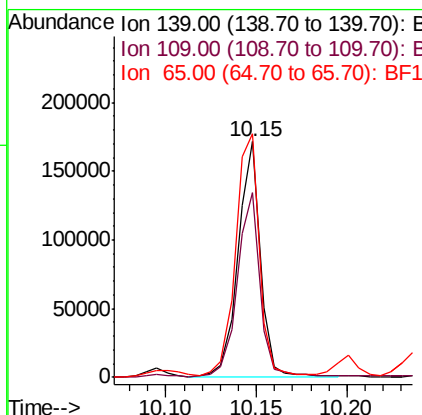
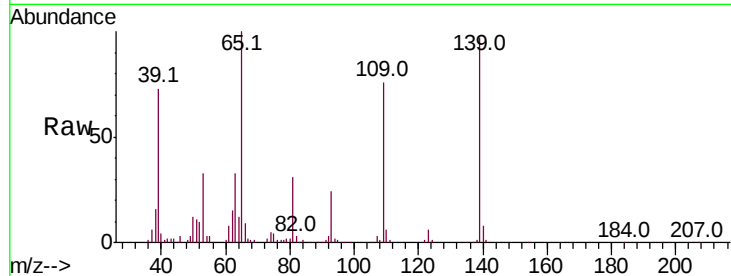
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:139	Resp:	148289
Ion Ratio	Lower	Upper
139	100	
109	78.6	48.4 88.4
65	103.3	72.6 112.6

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#56

2,4-Dinitrotoluene

Concen: 23.384 ng

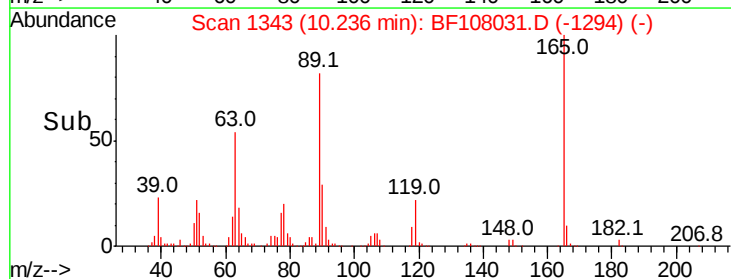
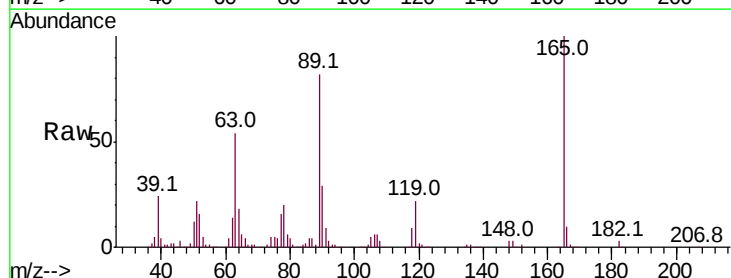
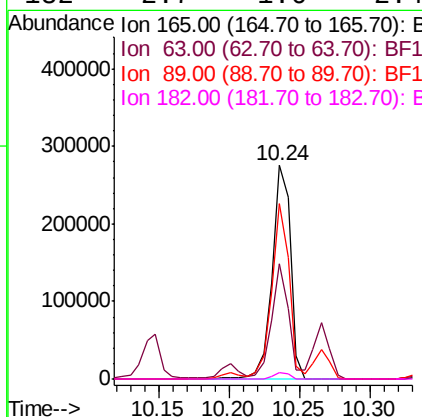
RT: 10.24 min Scan# 1343

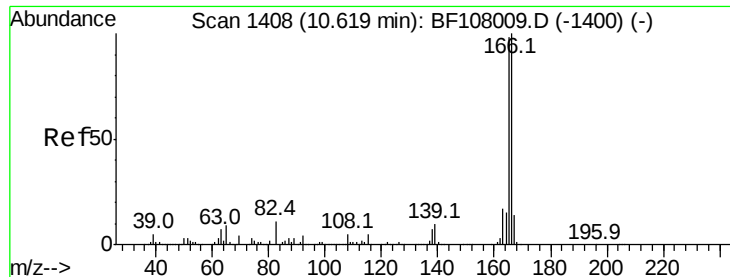
Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:165	Resp:	252848
Ion Ratio	Lower	Upper
165	100	
63	53.8	36.4 54.6
89	82.2	57.8 86.6
182	2.7	1.6 2.4#





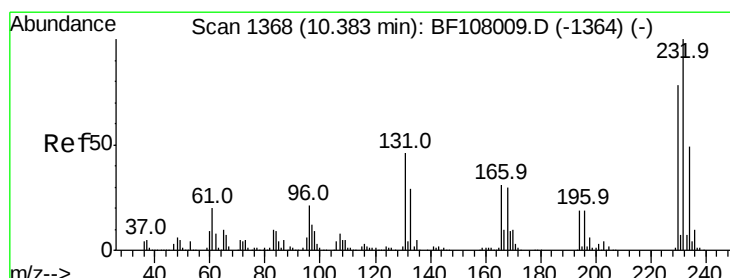
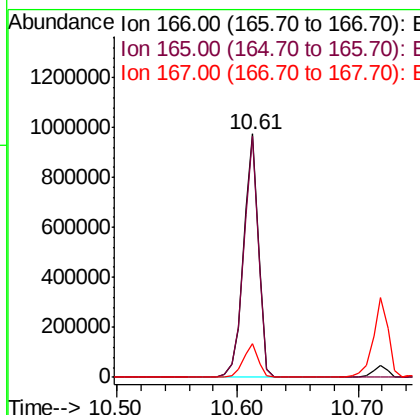
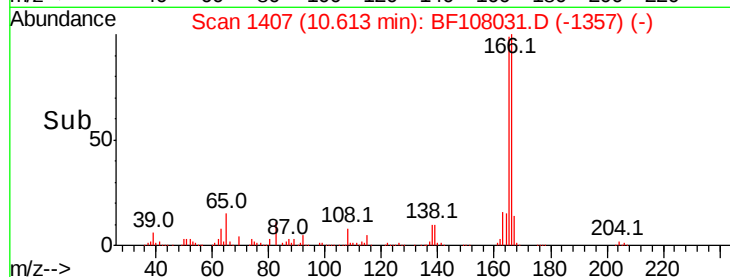
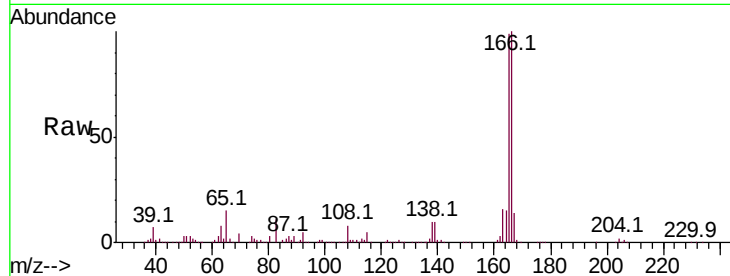
#57
 Fluorene
 Concen: 22.561 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.8	10.6	16.0

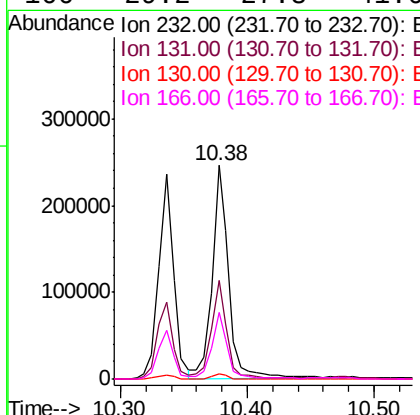
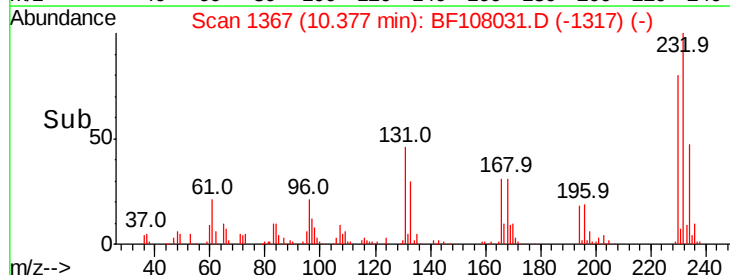
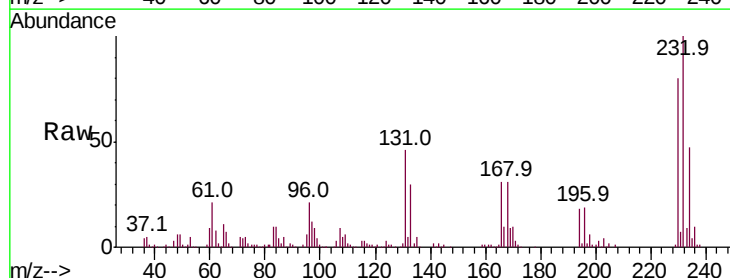
Manual Integrations
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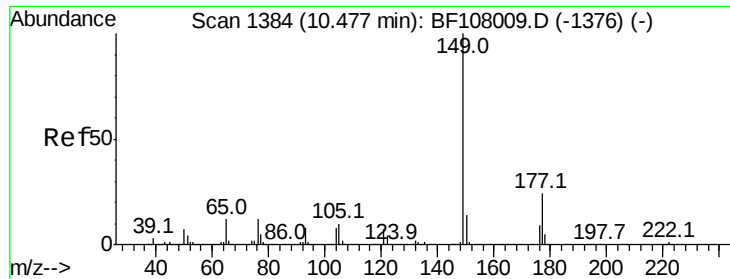
Sohil
 8/9/2018 5:01:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 22.397 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	43.8	65.8#
130	2.3	2.1	3.1
166	29.2	27.8	41.6





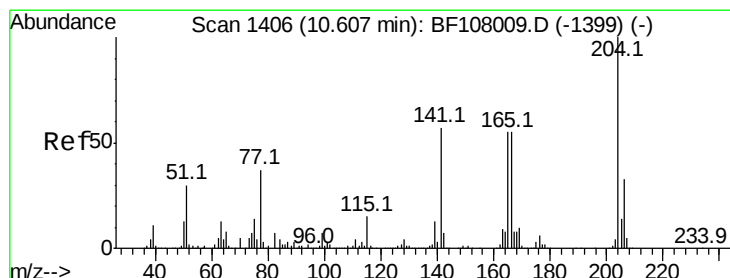
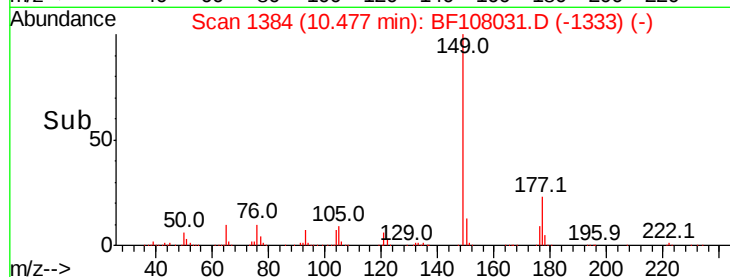
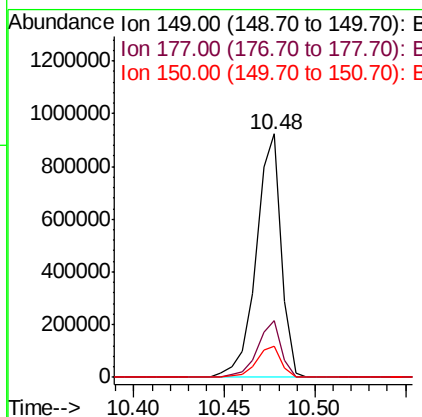
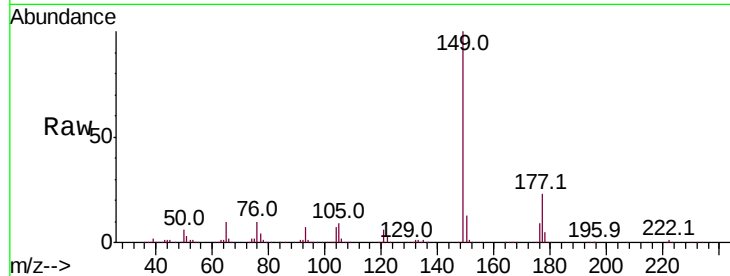
#59
Diethylphthalate
Concen: 22.729 ng
RT: 10.48 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	883690		
177	23.2	16.1	24.1	
150	12.7	10.1	15.1	

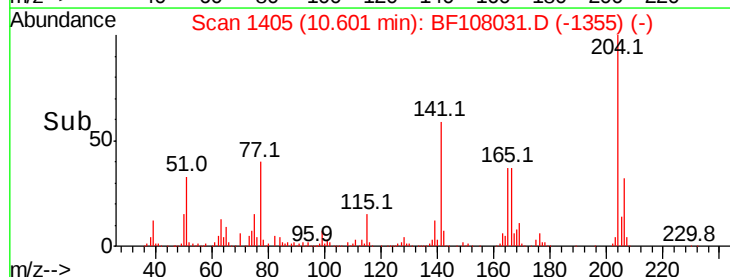
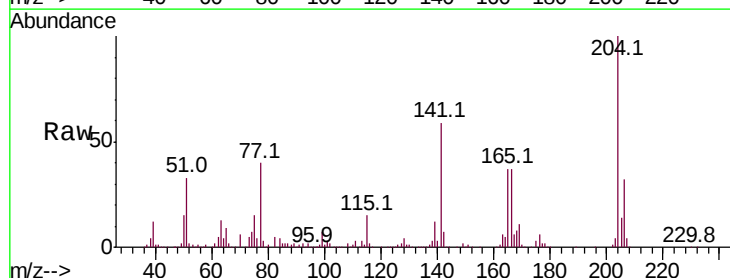
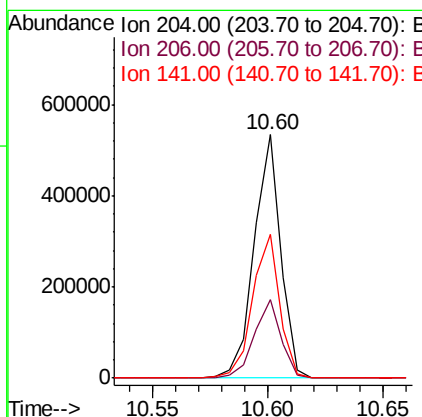
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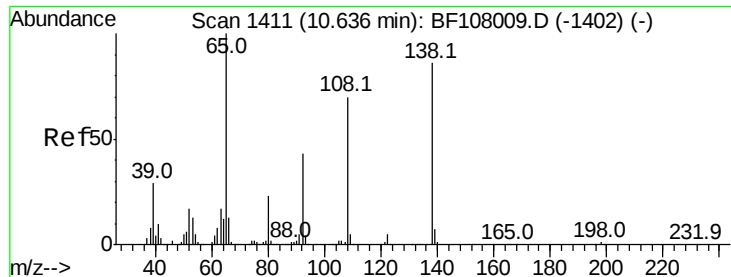
Sohil
8/9/2018 5:01:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 22.128 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	430094		
206	32.0	26.5	39.7	
141	59.1	54.6	81.8	





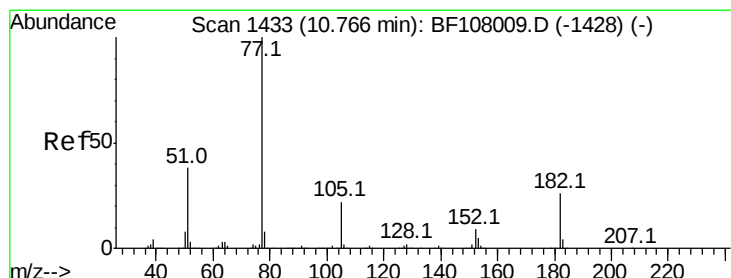
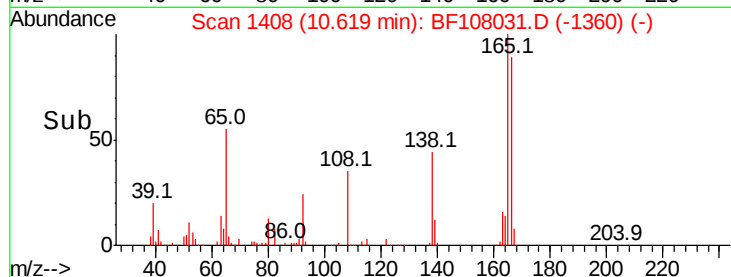
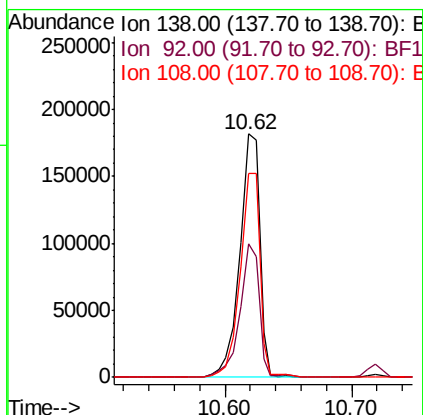
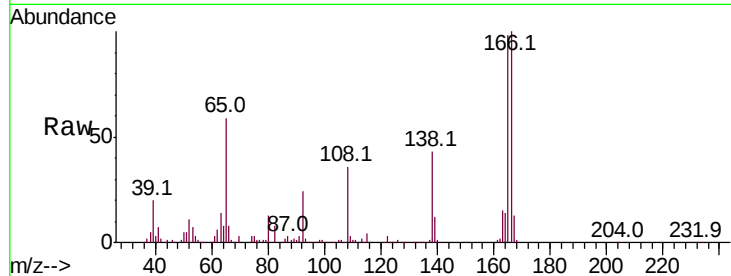
#61
4-Nitroaniline
Concen: 21.752 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.9	30.2	70.2
108	84.0	52.5	92.5

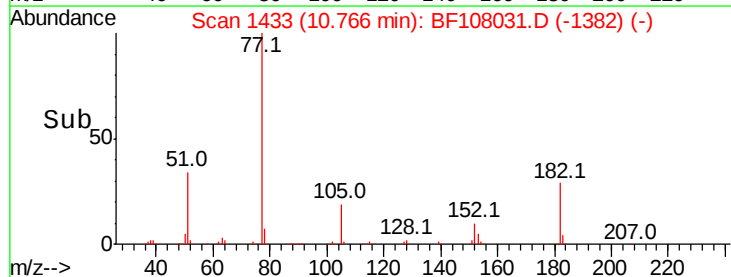
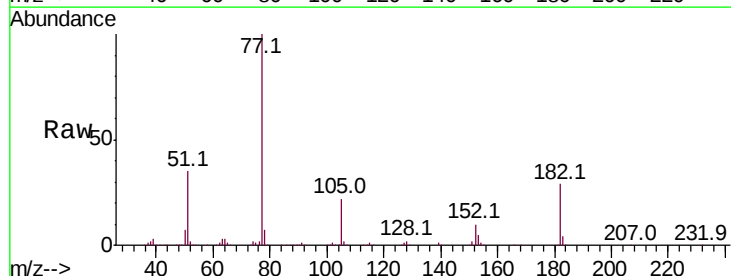
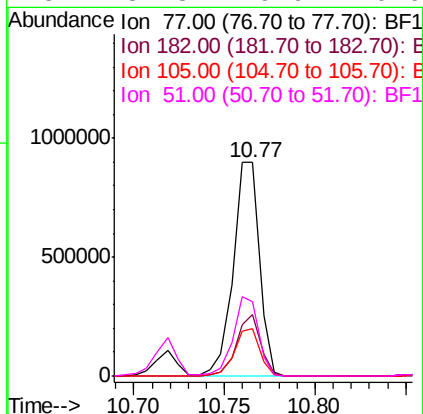
Manual Integrations
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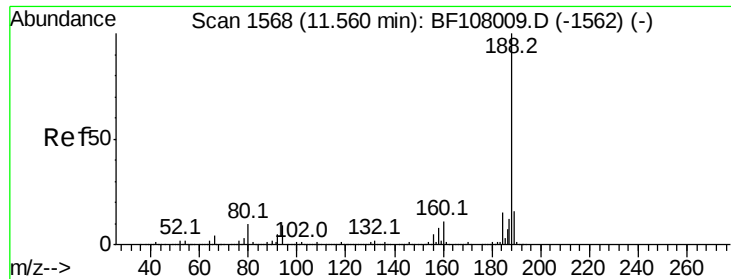
Sohil
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#62
Azobenzene
Concen: 22.658 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	1.7	41.7
105	22.4	3.0	43.0
51	34.8	9.9	49.9





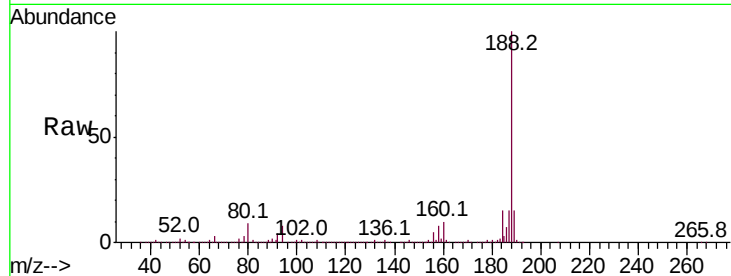
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

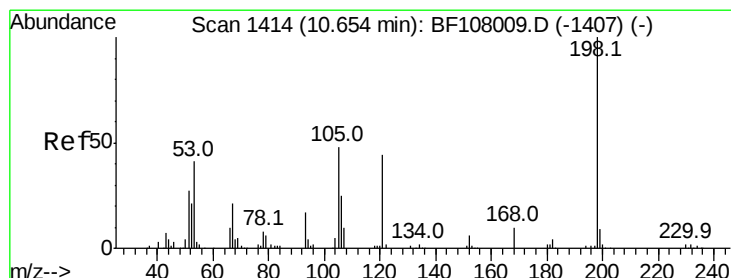
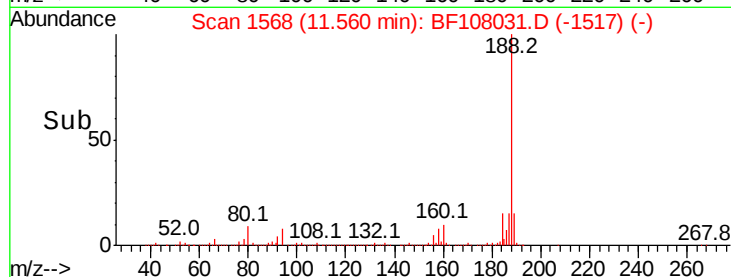
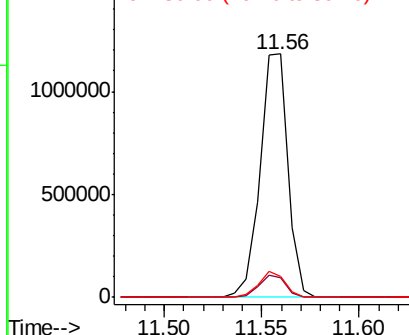
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.7	9.2	13.8#

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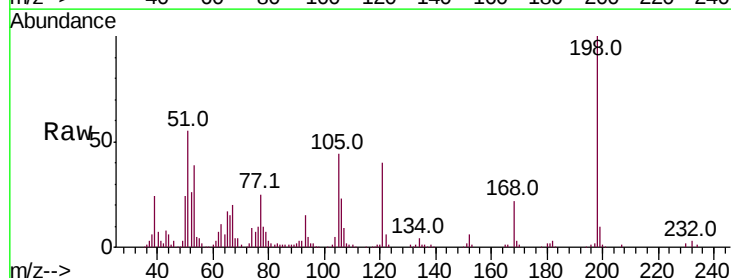


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

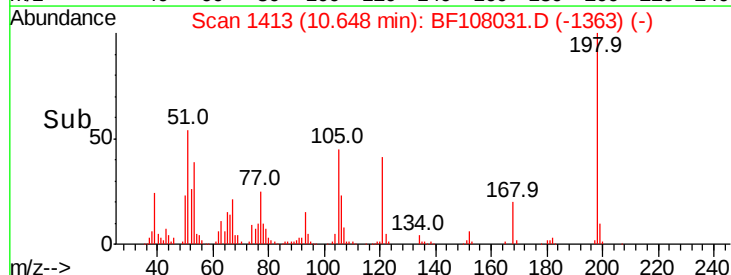
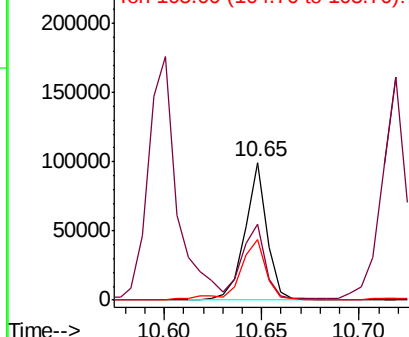


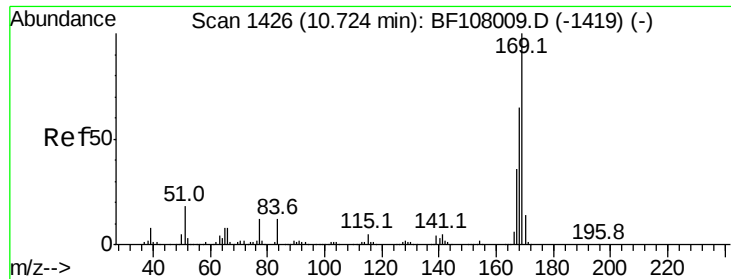
#64
4,6-Dinitro-2-methylphenol
Concen: 21.076 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.8	37.7	77.7
105	44.5	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





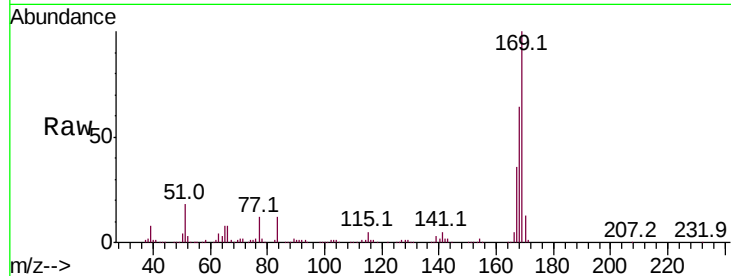
#65
n-Nitrosodiphenylamine
Concen: 22.455 ng
RT: 10.72 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.0	54.4	81.6
167	35.9	29.8	44.6

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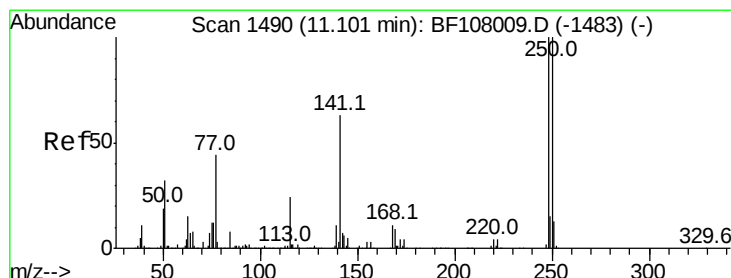
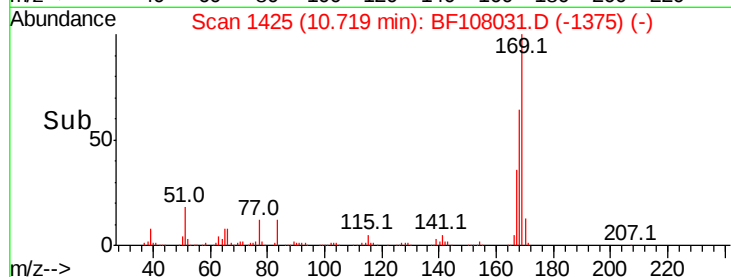
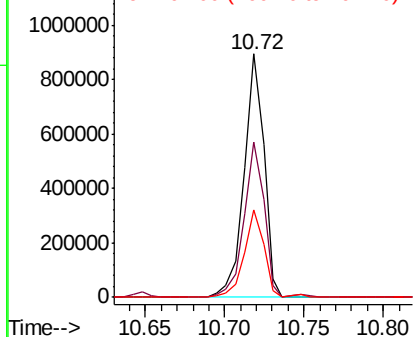


Abundance

Ion 169.00 (168.70 to 169.70): E

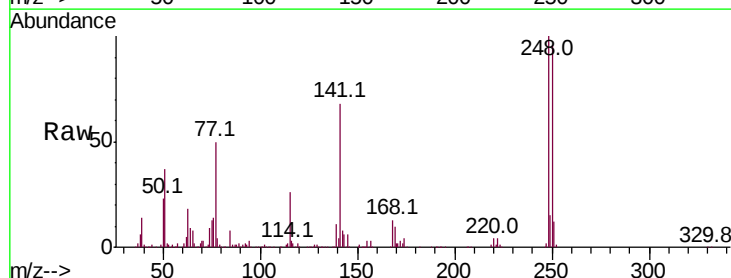
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 22.320 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	67.9	74.4	111.6#

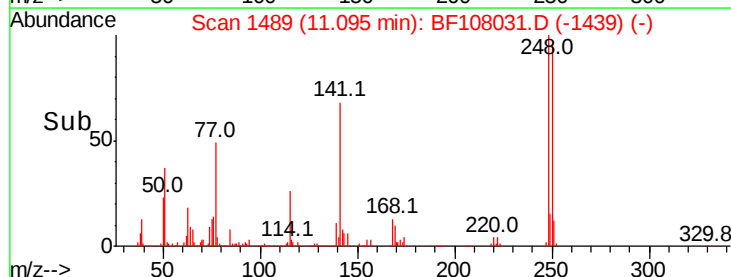
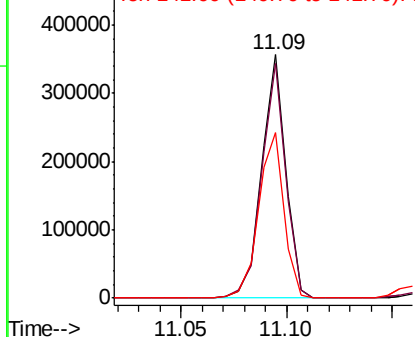


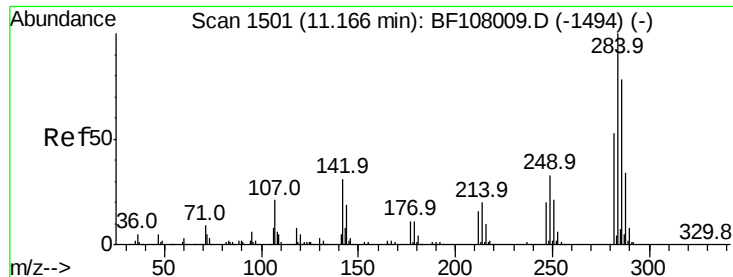
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.210 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

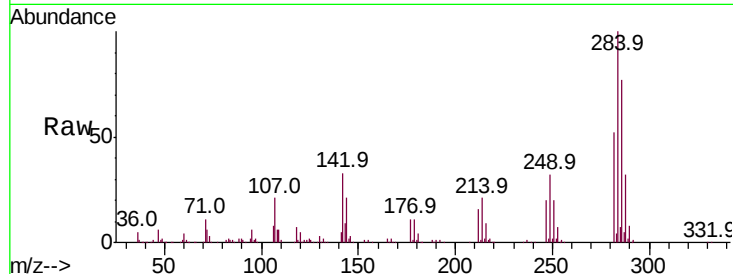
ClientSampleId :

LOQ-WATER-02-QT3-2018

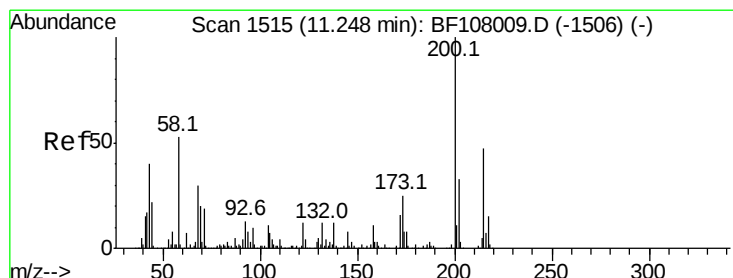
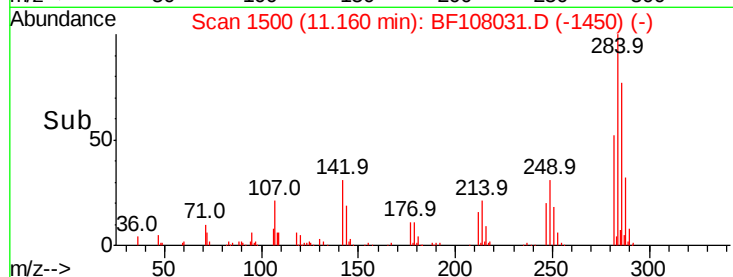
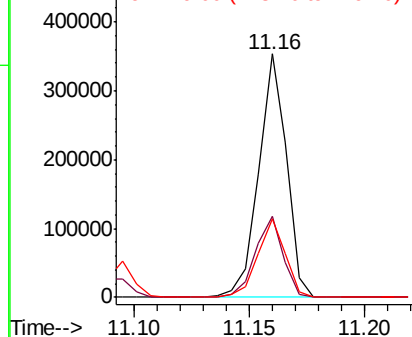
Tot Ion:	284	Resp:	296845
Ion Ratio	Lower	Upper	
284	100		
142	33.3	34.6	52.0#
249	32.1	24.8	37.2

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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: 22.625 ng

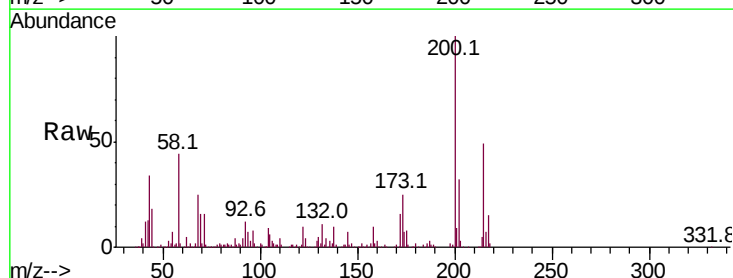
RT: 11.24 min Scan# 1514

Delta R.T. -0.01 min

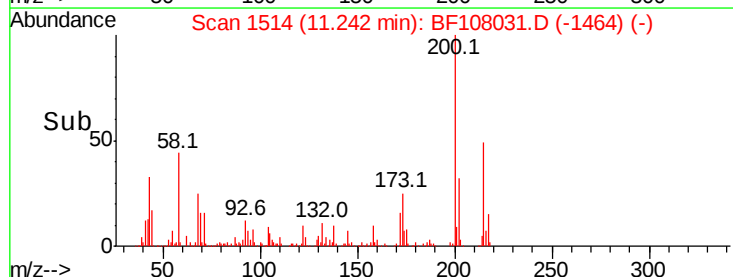
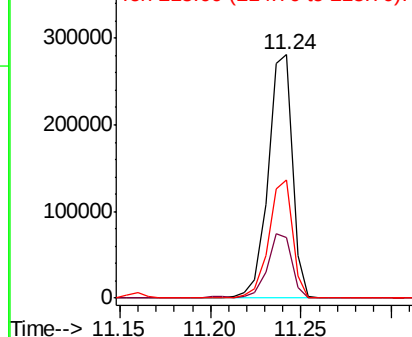
Lab File: BF108031.D

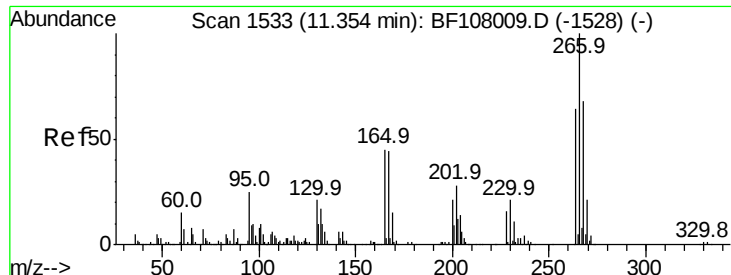
Acq: 8 Aug 2018 20:36

Tgt Ion:	200	Resp:	262120
Ion Ratio	Lower	Upper	
200	100		
173	25.0	8.6	48.6
215	48.7	25.1	65.1



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





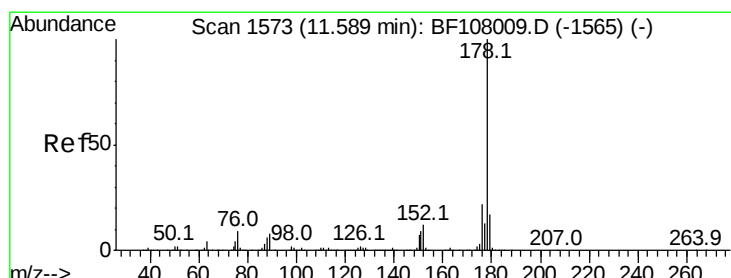
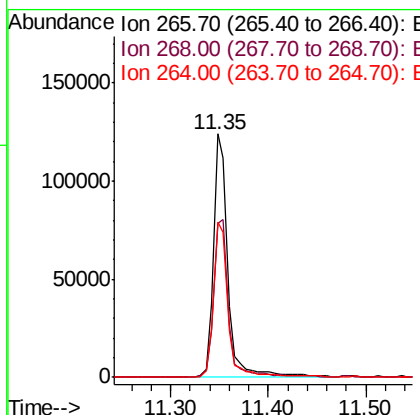
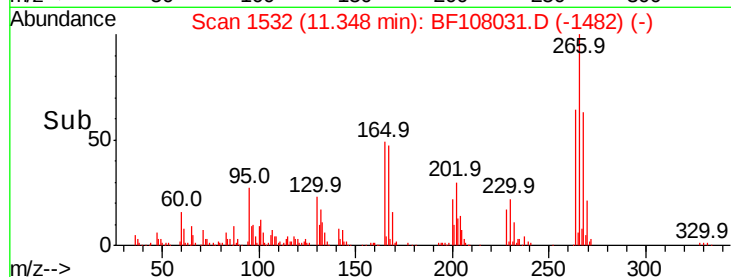
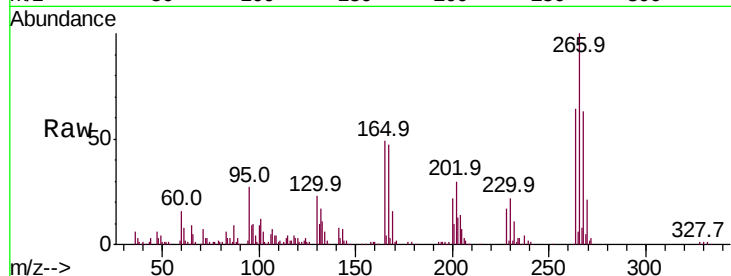
#69
 Pentachlorophenol
 Concen: 19.975 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127781		
268	63.1	51.1	76.7	
264	63.8	49.5	74.3	

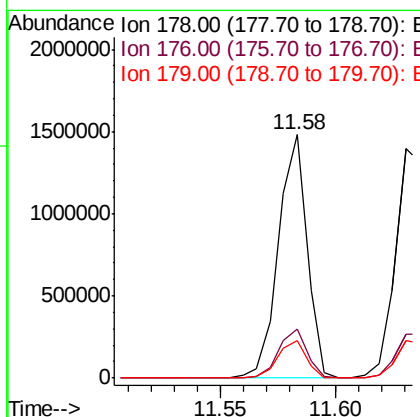
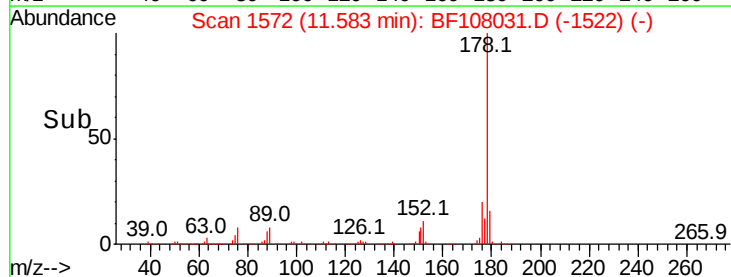
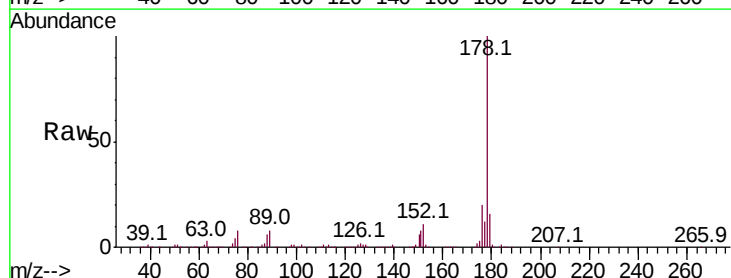
Manual Integrations
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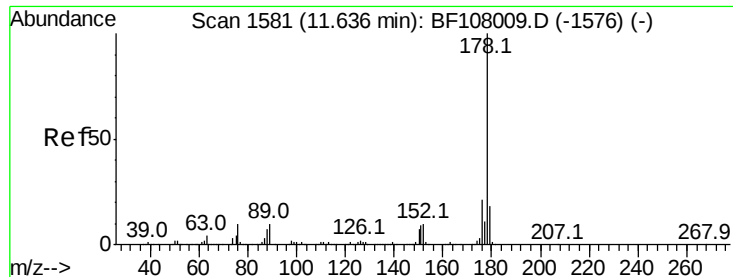
Sohil
 8/9/2018 5:01:32 PM



#70
 Phenanthrene
 Concen: 23.015 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1268883		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





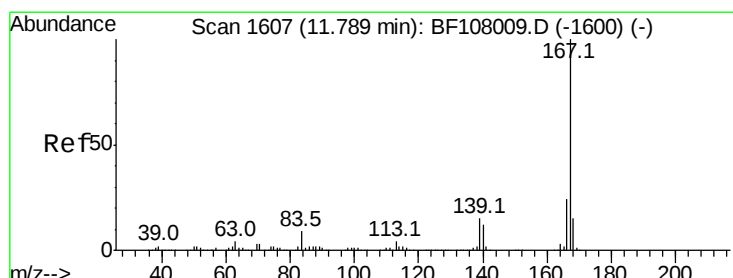
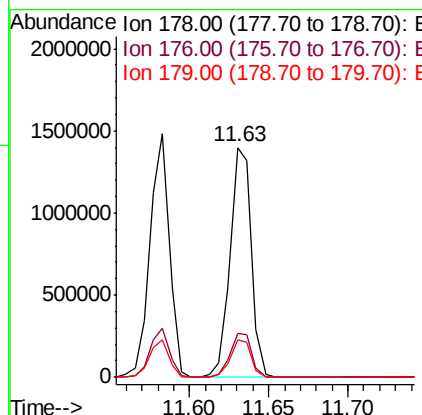
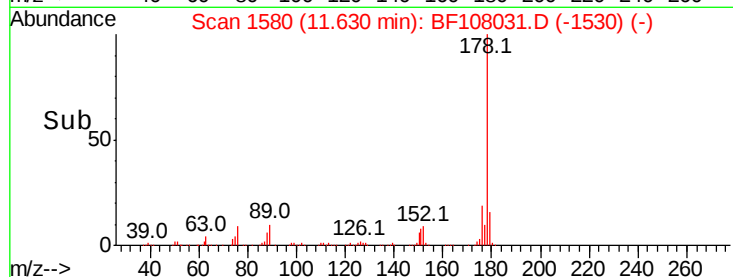
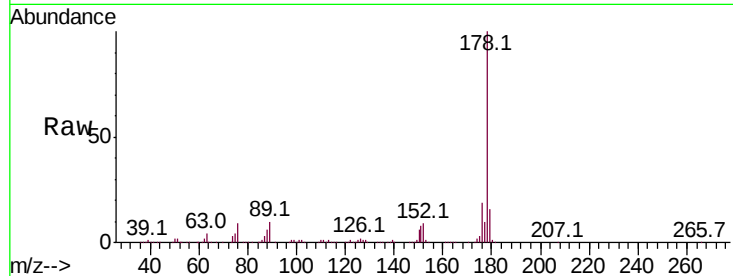
#71
 Anthracene
 Concen: 22.975 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.4	12.6	19.0

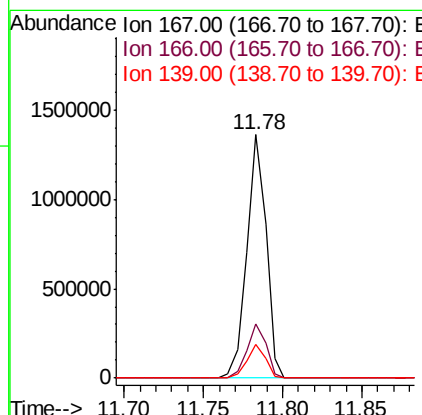
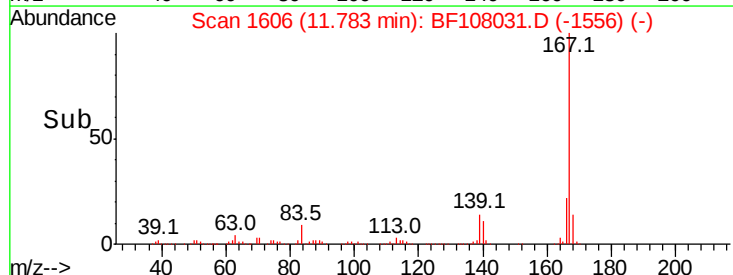
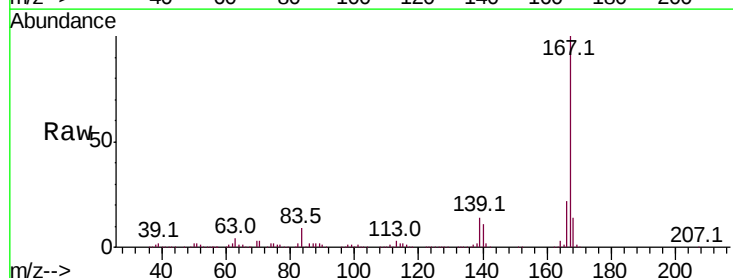
Manual Integrations
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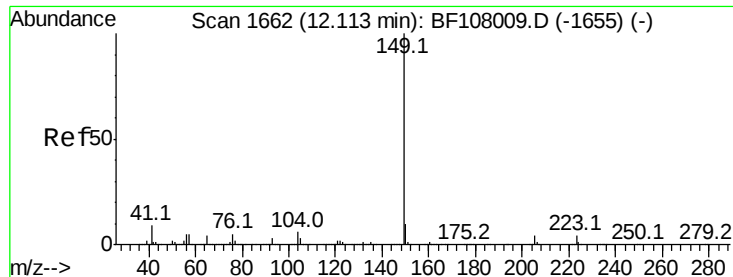
Sohil
 8/9/2018 5:01:32 PM



#72
 Carbazole
 Concen: 22.782 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 23.573 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

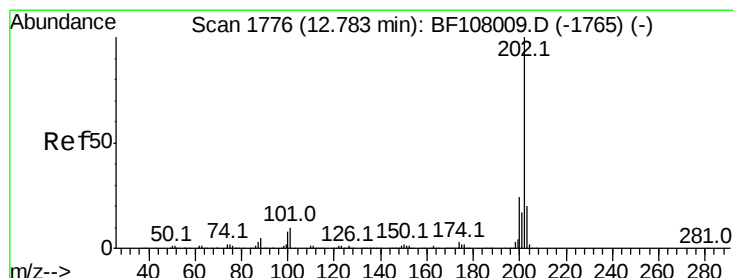
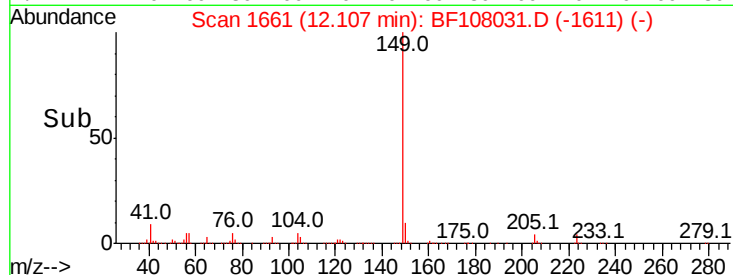
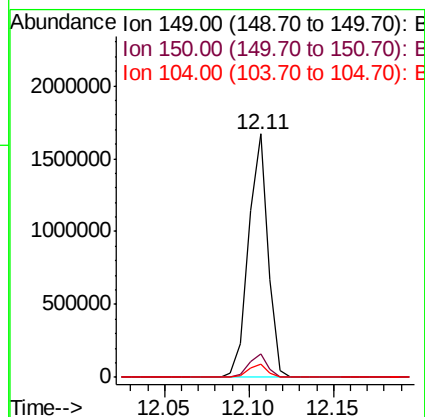
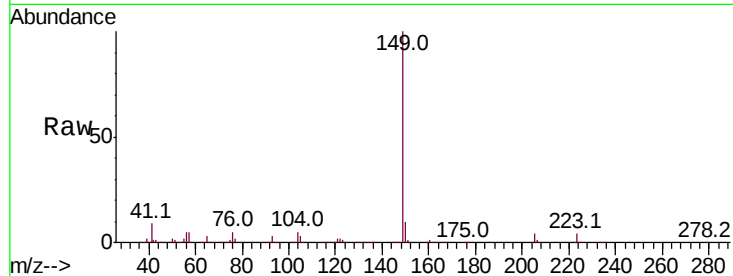
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	149	Resp:	1340465
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.4	3.8	5.8

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#74

Fluoranthene

Concen: 22.971 ng

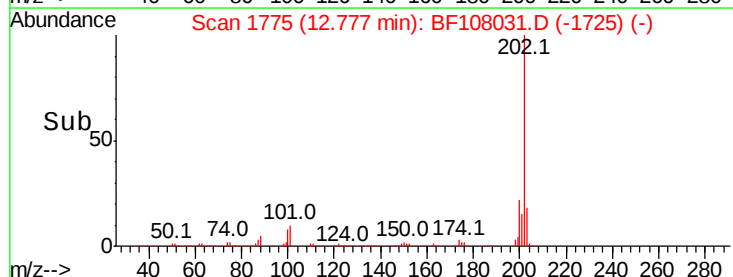
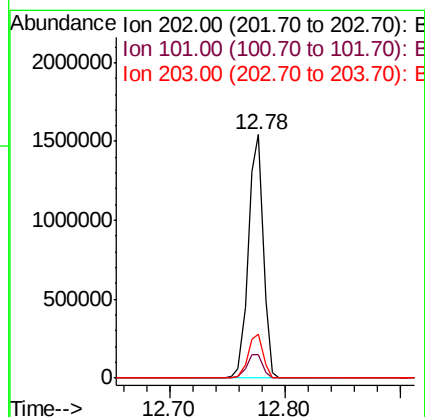
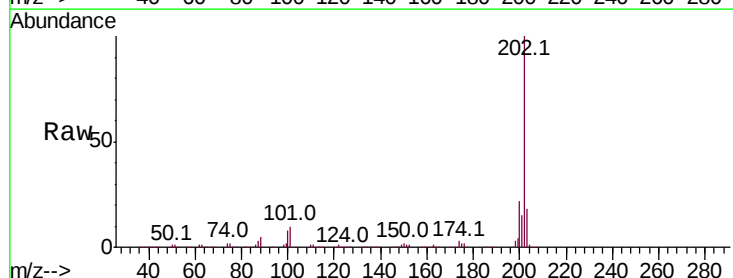
RT: 12.78 min Scan# 1775

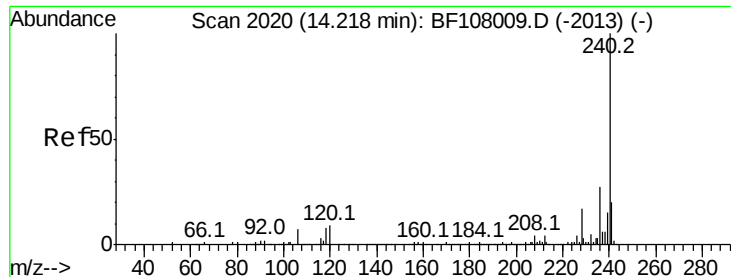
Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	202	Resp:	1382180
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

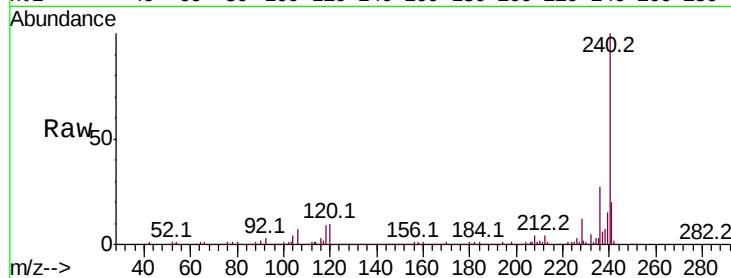
ClientSampleId :

LOQ-WATER-02-QT3-2018

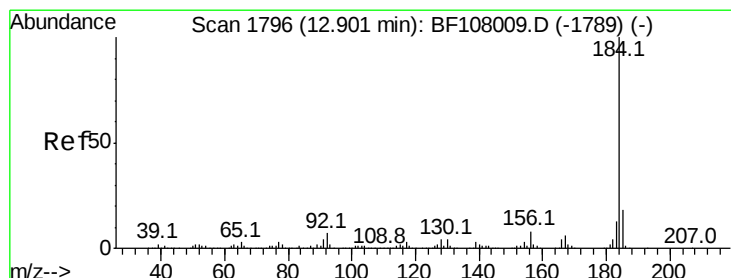
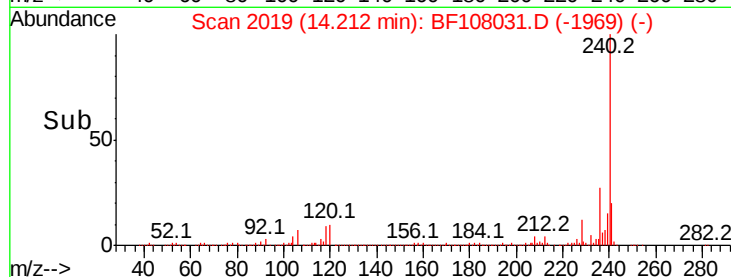
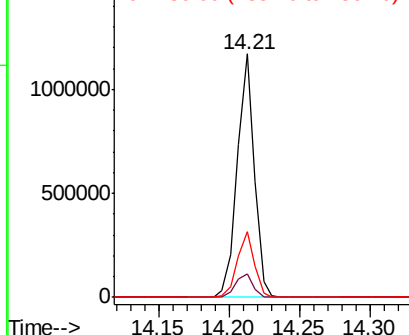
Tot Ion:	240	Resp:	983371
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	27.0	20.7	31.1

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



#76

Benzidine

Concen: 10.156 ng

RT: 12.89 min Scan# 1794

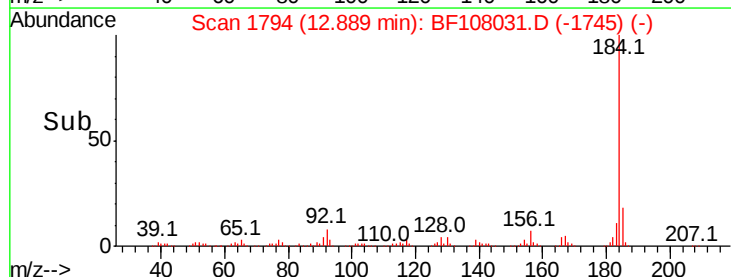
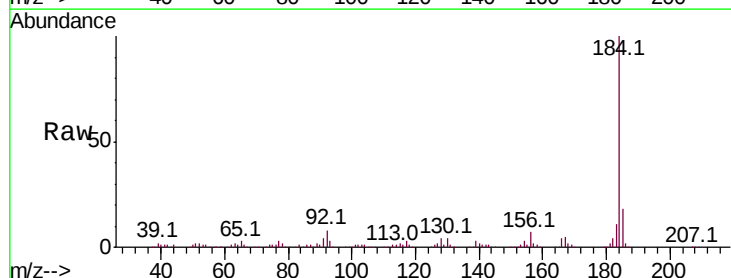
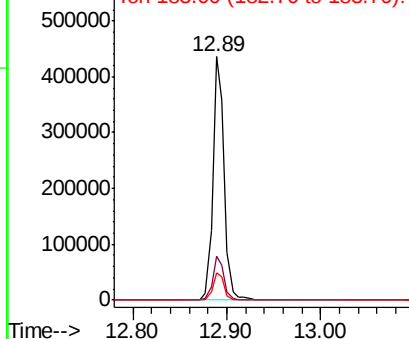
Delta R.T. -0.01 min

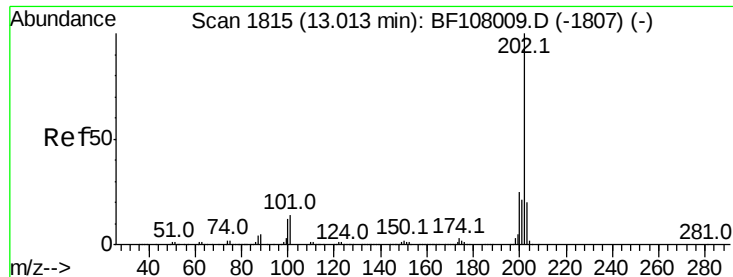
Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	184	Resp:	373131
Ion Ratio	Lower	Upper	
184	100		
185	17.9	12.6	18.8
183	11.3	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





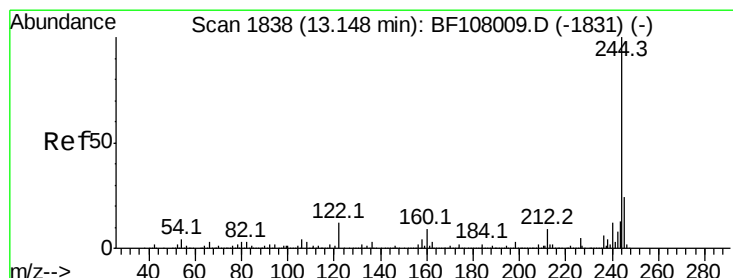
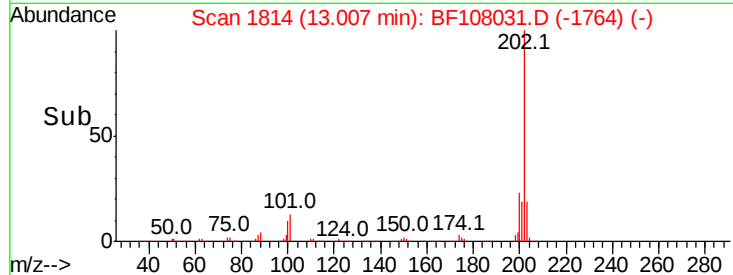
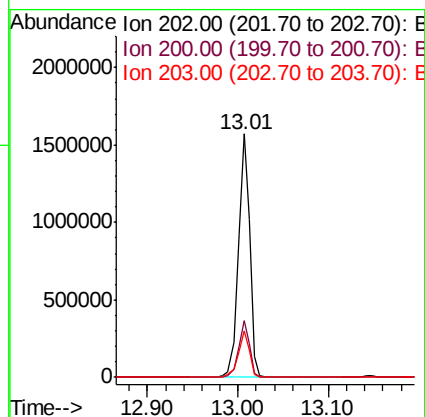
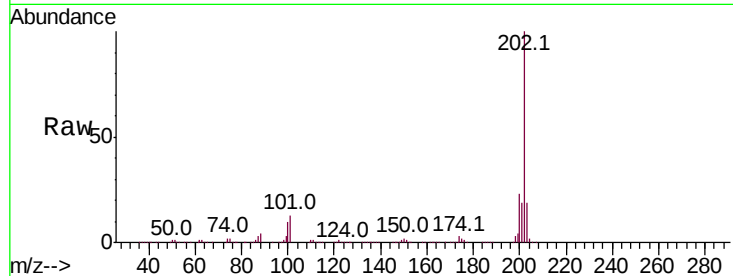
#77
Pvrene
Concen: 22.329 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	19.0	14.3	21.5

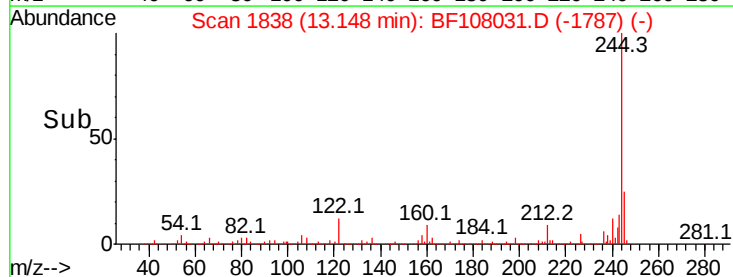
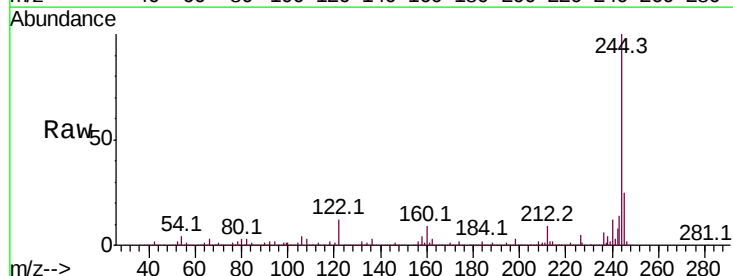
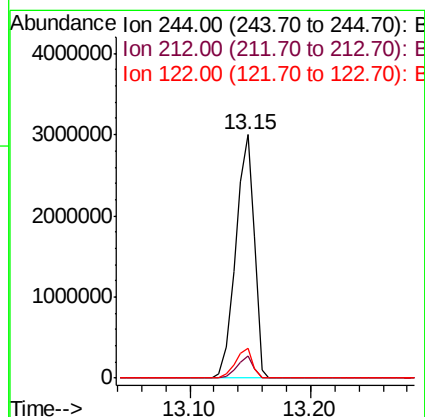
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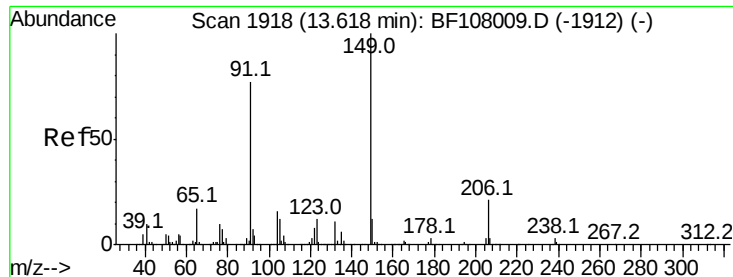
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#78
Terphenyl-d14
Concen: 82.522 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.4	8.0#
122	12.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 22.428 ng

RT: 13.62 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

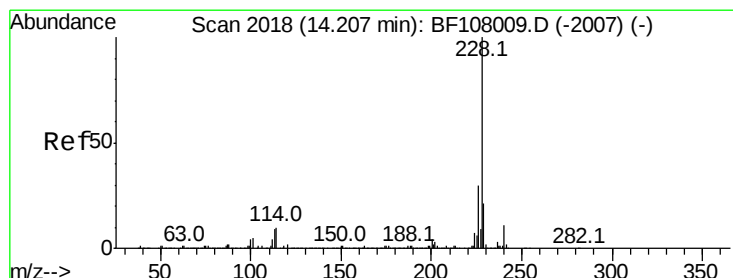
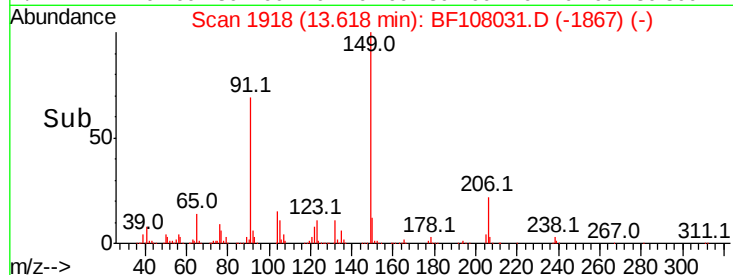
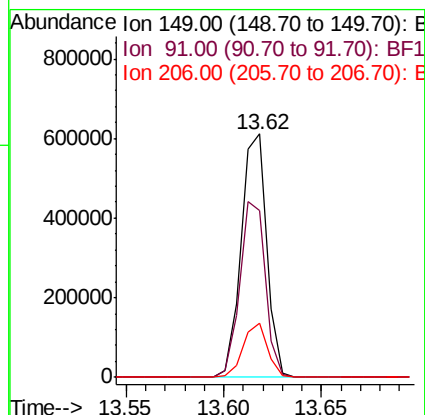
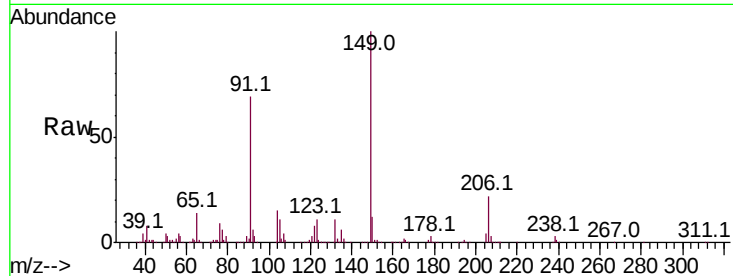
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	149	Resp:	554459
Ion Ratio	Lower	Upper	
149	100		
91	68.5	56.8	85.2
206	22.2	14.1	21.1#

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#80

Benzo(a)anthracene

Concen: 22.176 ng

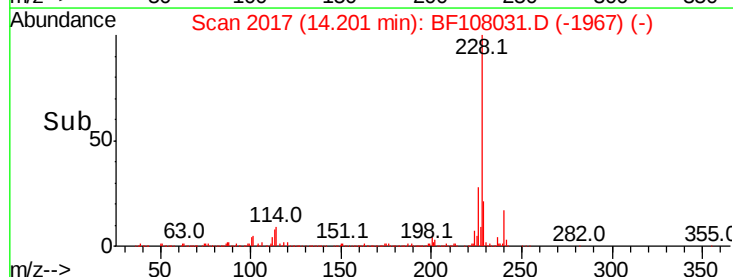
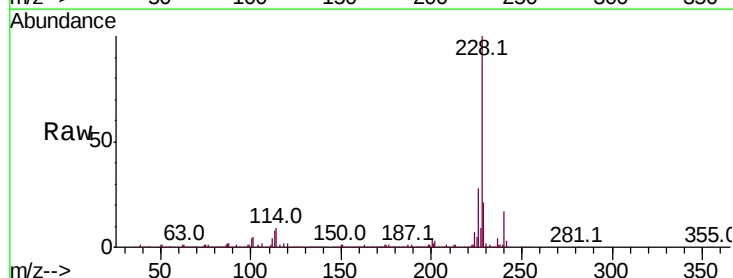
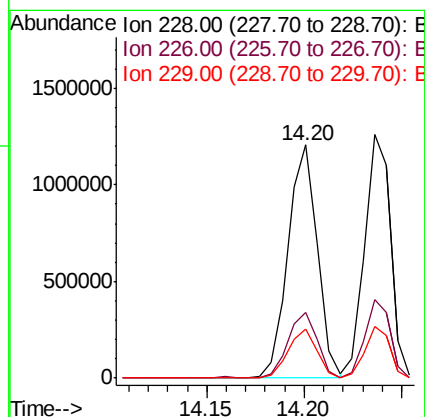
RT: 14.20 min Scan# 2017

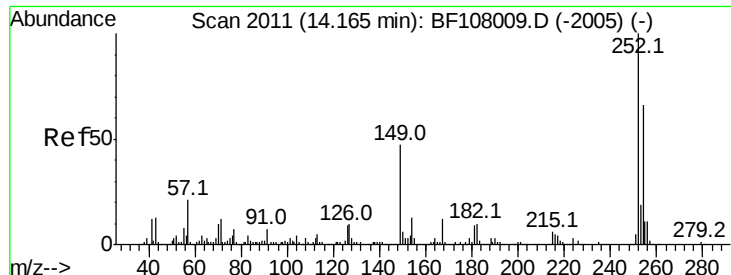
Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:	228	Resp:	1251515
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.9	15.8	23.6





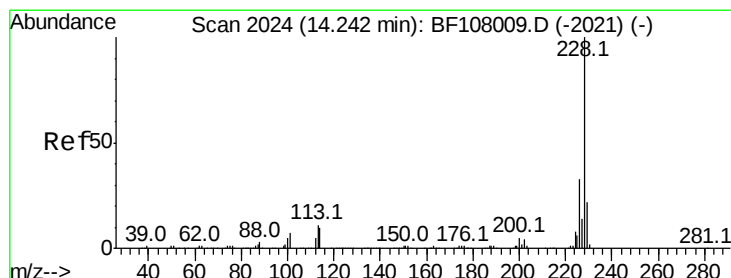
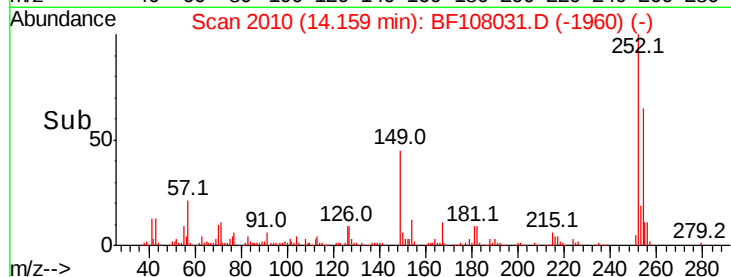
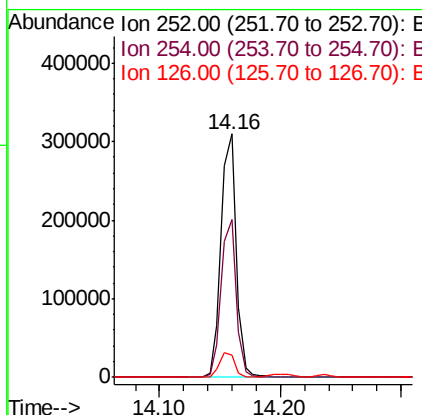
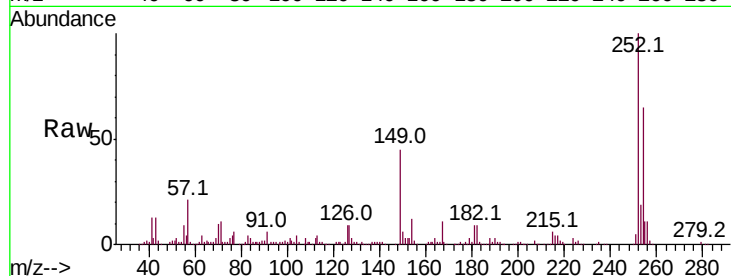
#81
 3,3'-Dichlorobenzidine
 Concen: 13.320 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.3	11.3	16.9

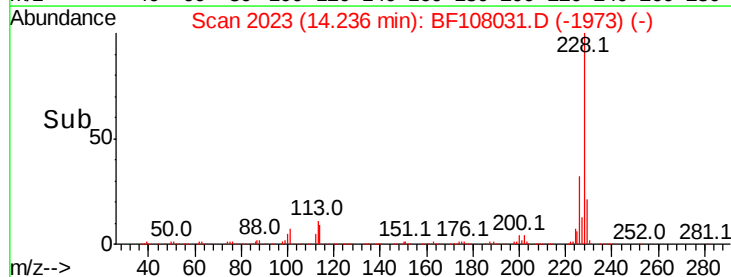
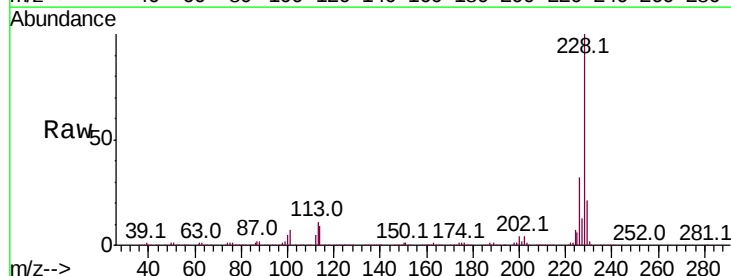
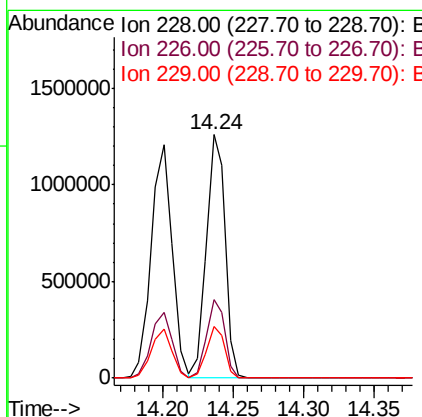
Manual Integrations
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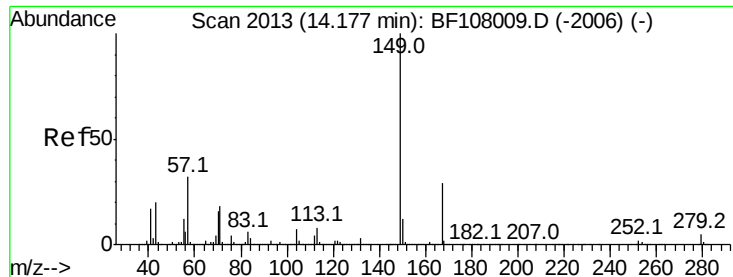
Sohil
 8/9/2018 5:01:32 PM



#82
 Chrysene
 Concen: 22.493 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.1	16.2	24.4





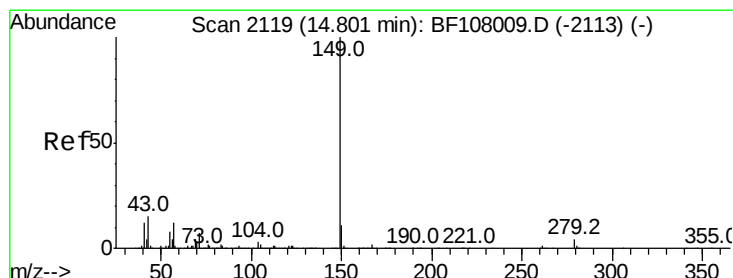
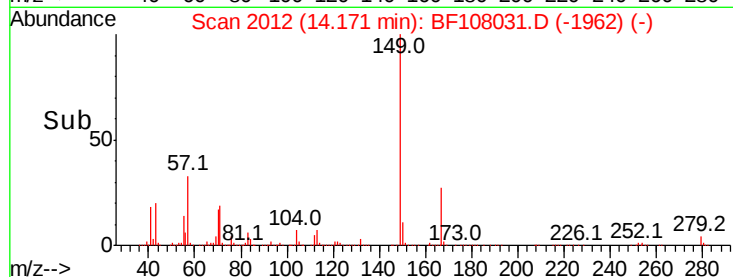
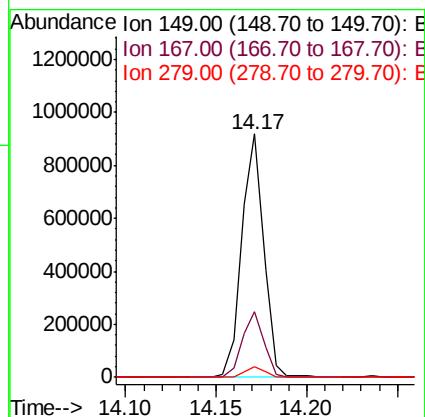
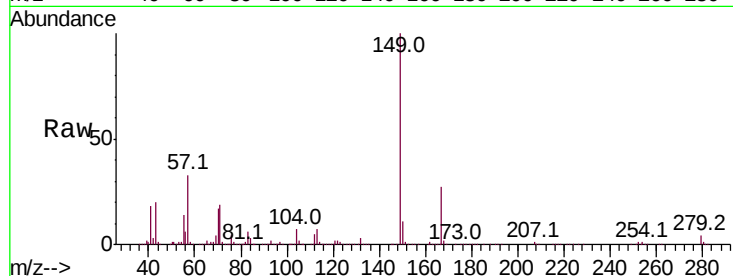
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.125 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.4	3.0	4.4

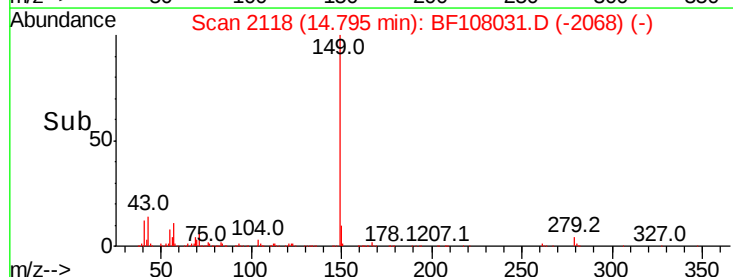
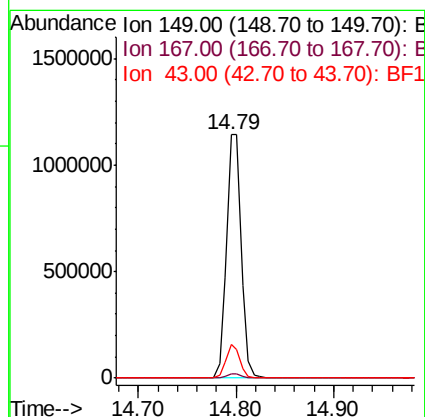
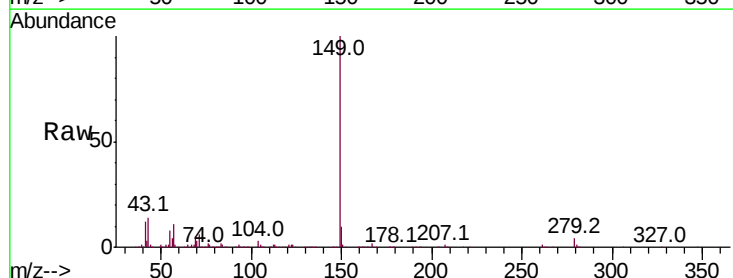
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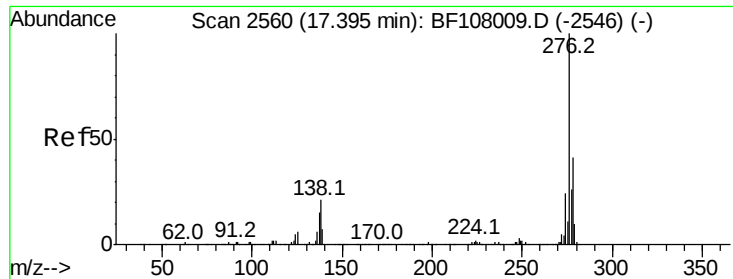
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#84
 Di-n-octyl phthalate
 Concen: 23.349 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.182 ng

RT: 17.38 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

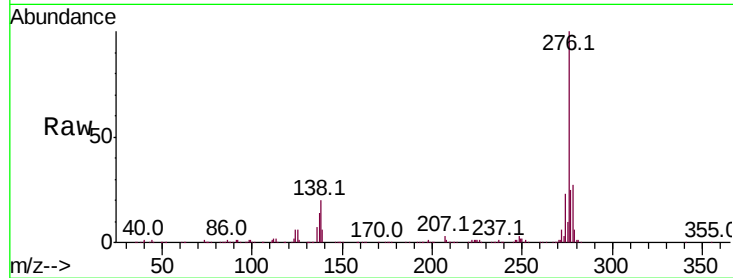
ClientSampleId :

LOQ-WATER-02-QT3-2018

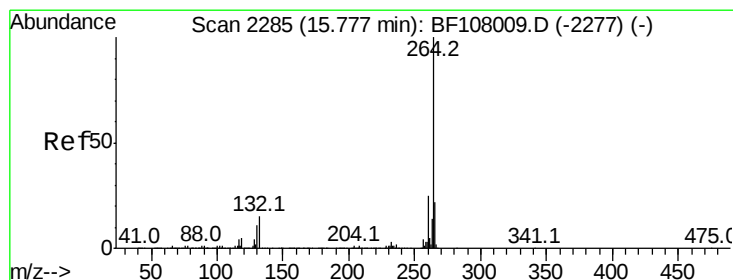
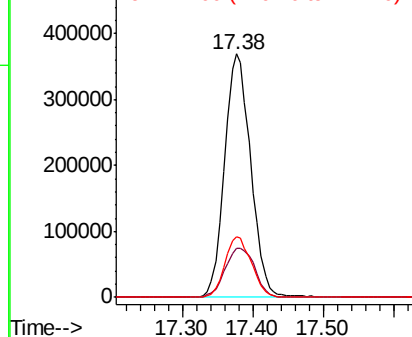
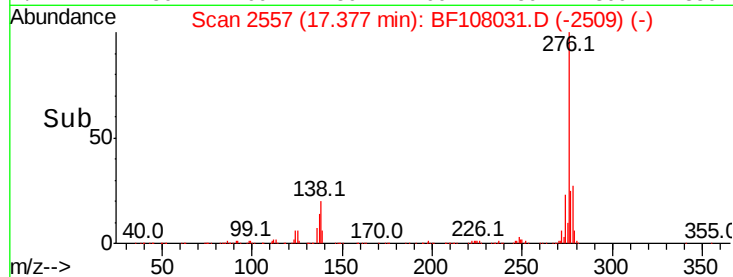
Tot Ion:	276	Resp:	949581
Ion Ratio	Lower	Upper	
276	100		
138	23.1	25.0	37.6#
277	25.3	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

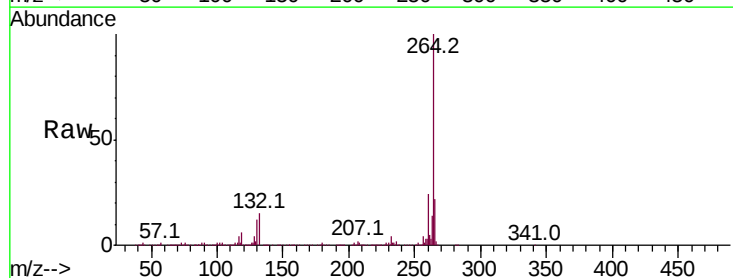
RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

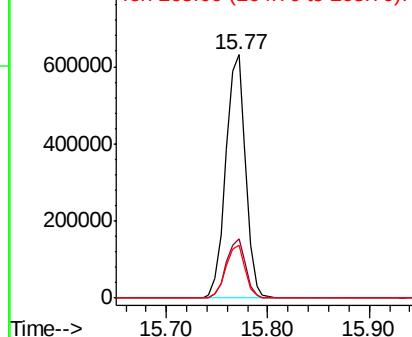
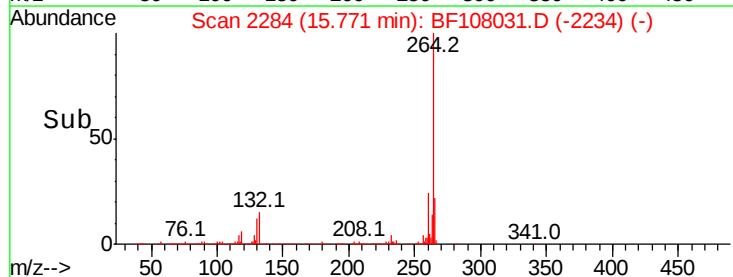
Lab File: BF108031.D

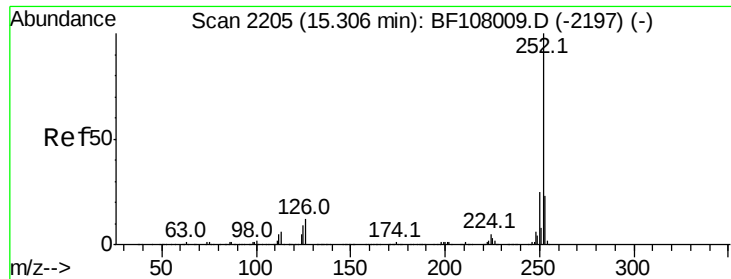
Acq: 8 Aug 2018 20:36

Tgt Ion:	264	Resp:	853662
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.227 ng

RT: 15.30 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Instrument :

BNA_F

ClientSampleId :

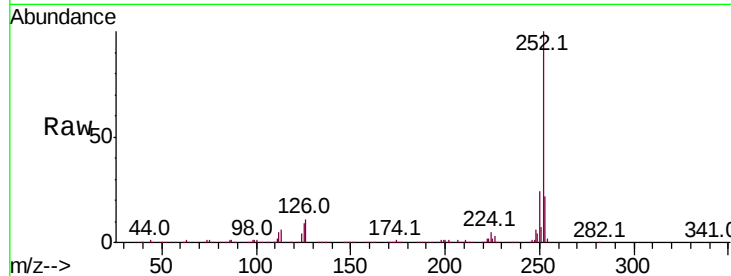
LOQ-WATER-02-QT3-2018

Tot Ion:252 Resp: 1082806

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.9	9.0	13.6#

Manual Integrations
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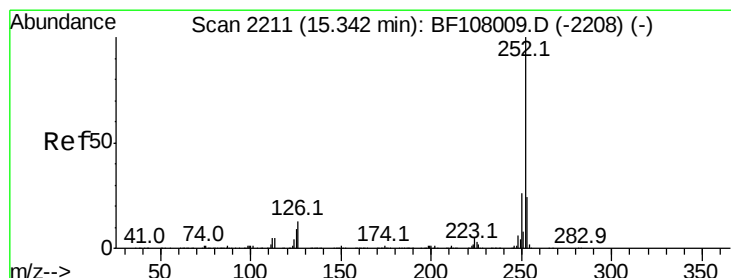
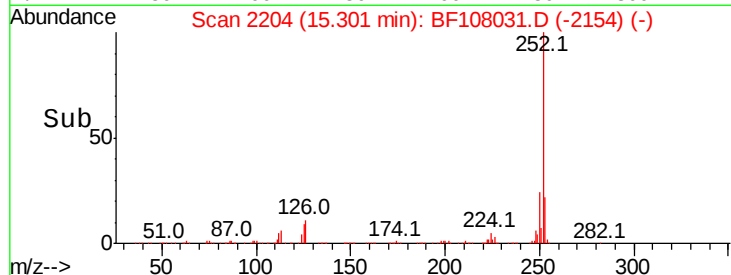
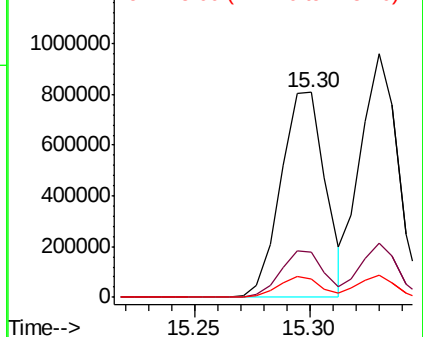


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 23.002 ng

RT: 15.33 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF108031.D

Acq: 8 Aug 2018 20:36

Tgt Ion:252 Resp: 1078570

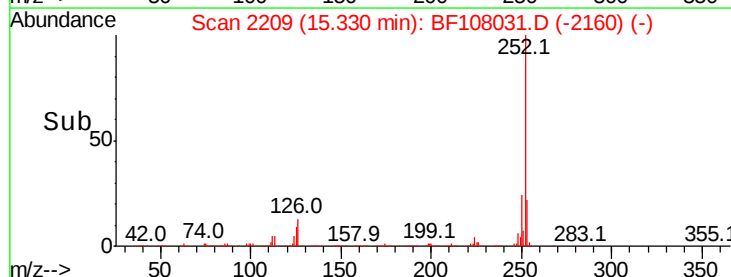
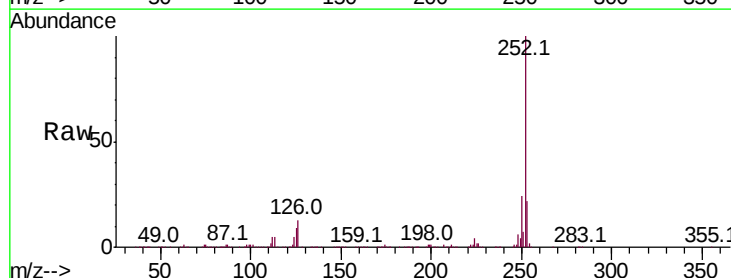
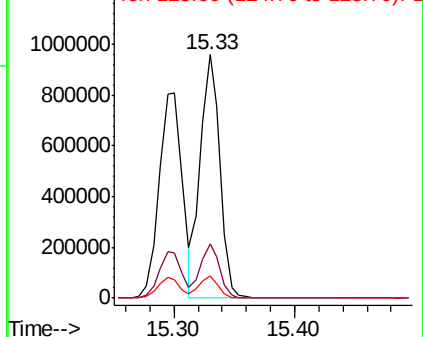
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.9	10.2	15.2#

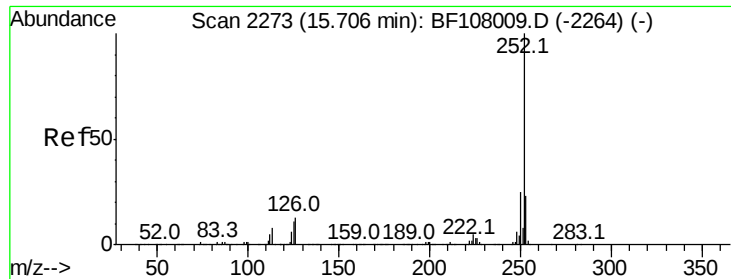
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





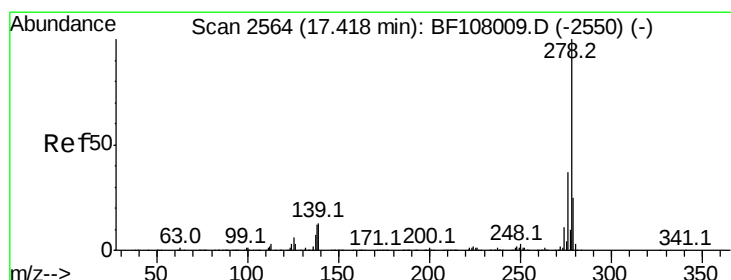
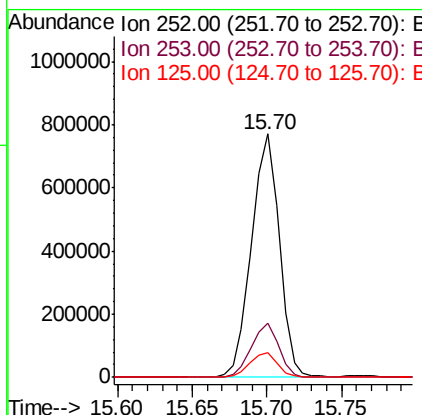
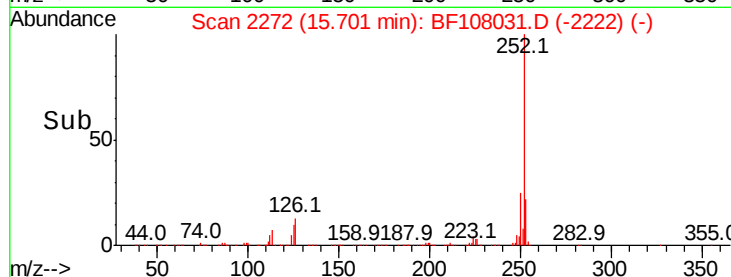
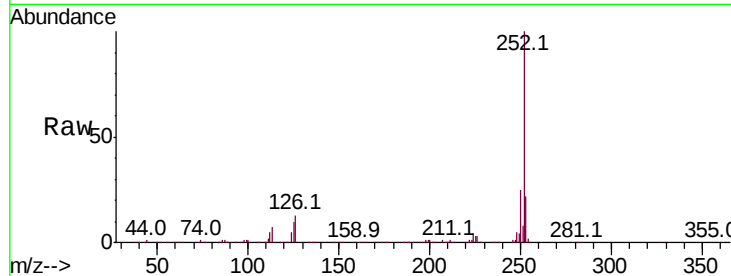
#89
Benzo(a)pyrene
Concen: 21.741 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.1	9.8	14.6

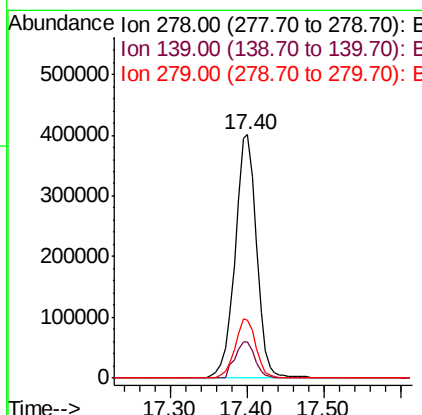
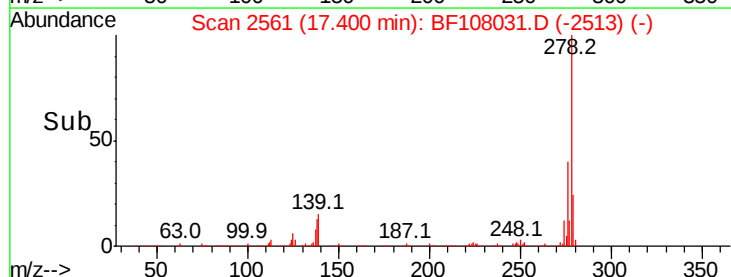
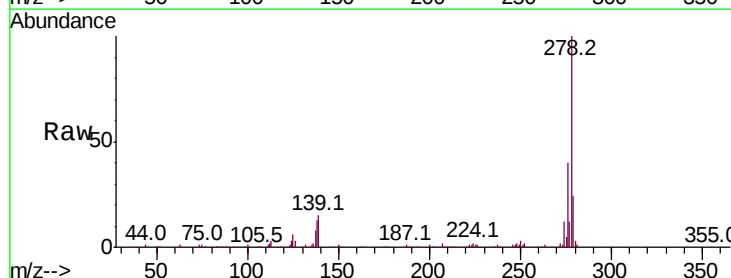
Manual Integrations
APPROVED

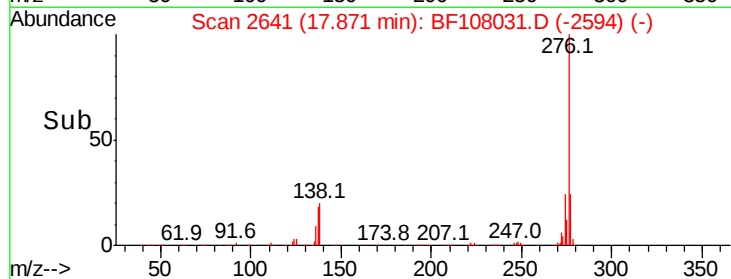
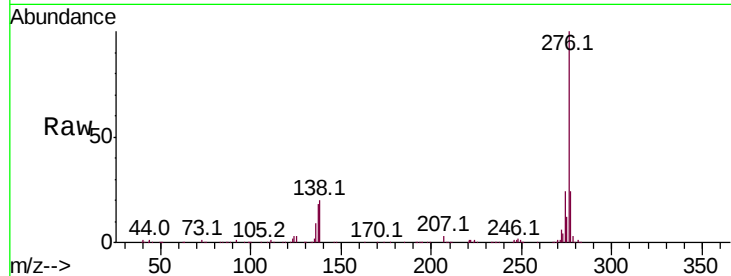
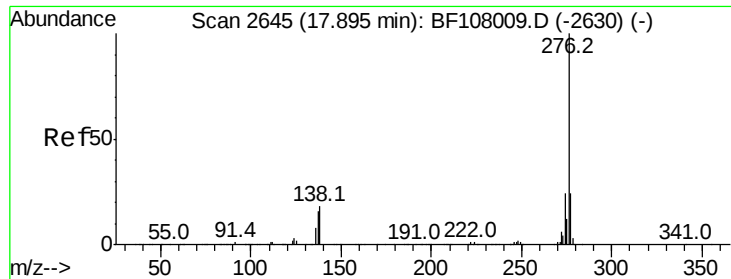
Sohil
8/9/2018 5:01:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 20.783 ng
RT: 17.40 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF108031.D
Acq: 8 Aug 2018 20:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	15.9	23.9#
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 20.796 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.02 min
 Lab File: BF108031.D
 Acq: 8 Aug 2018 20:36

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	19.5	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:32 PM

