

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115866.D
 Acq On : 31 Jul 2019 15:19
 Operator : HP/JU
 Sample : K3591-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Manual Integrations
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mohammad
 8/1/2019 5:06:34 PM

Quant Time: Aug 01 09:18:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 01 09:04:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139515	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	548906	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	289704	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	498722	20.00	ng	0.00
76) Chrysene-d12	14.02	240	382209	20.00	ng	-0.01
87) Perylene-d12	15.49	264	352151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	845509	101.45	ng	0.00
7) Phenol-d6	6.48	99	1060114	100.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	781768	82.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	277953	98.96	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1293416	83.63	ng	0.00
79) Terphenyl-d14	12.96	244	1371397	75.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	34900	8.289	ng	99
3) Pyridine	3.42	79	78987	6.716	ng	99
4) n-Nitrosodimethylamine	3.30	42	33785	7.279	ng	# 99
6) Aniline	6.52	93	123217	8.183	ng	98
8) 2-Chlorophenol	6.64	128	77986	8.462	ng	95
9) Benzaldehyde	6.40	77	67932	9.363	ng	98
10) Phenol	6.49	94	105186	8.495	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	73485	8.072	ng	96
12) 1,3-Dichlorobenzene	6.79	146	86532	8.125	ng	99
13) 1,4-Dichlorobenzene	6.87	146	88247	8.275	ng	98
14) 1,2-Dichlorobenzene	7.02	146	81623	8.313	ng	98
15) Benzyl Alcohol	6.99	79	71013	8.899	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	97409	7.845	ng	98
17) 2-Methylphenol	7.10	107	63164	8.094	ng	98
18) Hexachloroethane	7.36	117	29343	7.474	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	53785	8.255	ng	98
20) 3+4-Methylphenols	7.26	107	81166	8.790	ng	# 49
22) Acetophenone	7.26	105	111362	9.251	ng	98
24) Nitrobenzene	7.43	77	91001	8.863	ng	97
25) Isophorone	7.66	82	149572	8.226	ng	97
26) 2-Nitrophenol	7.75	139	36739	7.591	ng	99
27) 2,4-Dimethylphenol	7.78	122	64997	8.926	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	90256	8.008	ng	99
29) 2,4-Dichlorophenol	7.99	162	62028	8.068	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	70329	8.024	ng	97
31) Naphthalene	8.15	128	230192	8.912	ng	99
32) Benzoic acid	7.87	122	13751m	2.678	ng	
33) 4-Chloroaniline	8.20	127	92766	8.038	ng	97
34) Hexachlorobutadiene	8.27	225	39564	7.837	ng	97
35) Caprolactam	8.54	113	18719	7.528	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	65124	8.142	ng	98
37) 2-Methylnaphthalene	8.85	142	153478	9.022	ng	98
38) 1-Methylnaphthalene	8.95	142	144326	8.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	66601	8.599	ng	99

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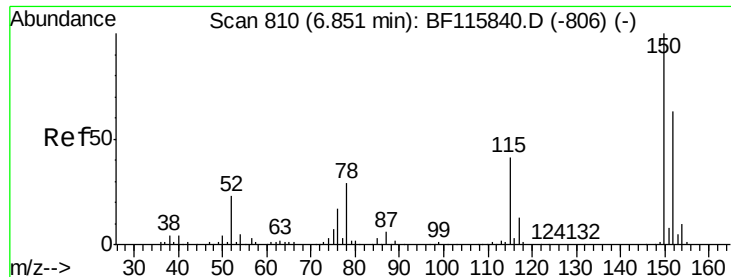
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	12110	4.000	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	38438	7.210	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	40678	7.382	ng	98
46) 1,1'-Biphenyl	9.31	154	187395	9.162	ng	98
47) 2-Chloronaphthalene	9.34	162	140457	8.251	ng	99
48) 2-Nitroaniline	9.43	65	42243	7.508	ng	# 83
49) Acenaphthylene	9.75	152	227175	9.147	ng	98
50) Dimethylphthalate	9.60	163	155742	7.895	ng	99
51) 2,6-Dinitrotoluene	9.67	165	33800	7.885	ng	93
52) Acenaphthene	9.92	154	135304	8.881	ng	99
53) 3-Nitroaniline	9.84	138	37620	7.102	ng	98
54) 2,4-Dinitrophenol	9.96	184	4376	2.404	ng	90
55) Dibenzofuran	10.10	168	201174	9.080	ng	99
56) 4-Nitrophenol	10.02	139	16418	4.839	ng	89
57) 2,4-Dinitrotoluene	10.07	165	42413	7.431	ng	# 83
58) Fluorene	10.44	166	156632	9.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	35835	7.729	ng	98
60) Diethylphthalate	10.30	149	147490	8.009	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	74406	8.618	ng	97
62) 4-Nitroaniline	10.45	138	39623	7.239	ng	98
63) Azobenzene	10.59	77	160967	8.498	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	13116	4.963	ng	97
66) n-Nitrosodiphenylamine	10.55	169	132217	8.808	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	43448	8.138	ng	93
68) Hexachlorobenzene	10.99	284	48202	7.808	ng	99
69) Atrazine	11.07	200	38667	7.830	ng	97
70) Pentachlorophenol	11.19	266	13924	4.646	ng	98
71) Phenanthrene	11.40	178	227614	8.928	ng	98
72) Anthracene	11.45	178	232695	9.018	ng	99
73) Carbazole	11.61	167	203359	8.687	ng	97
74) Di-n-butylphthalate	11.93	149	209605	7.676	ng	99
75) Fluoranthene	12.59	202	234666	8.792	ng	97
77) Benzidine	12.71	184	103945	8.050	ng	99
78) Pyrene	12.82	202	242041	8.401	ng	98
80) Butylbenzylphthalate	13.43	149	79624	6.533	ng	100
81) Benzo(a)anthracene	14.01	228	197168	8.071	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	65789	7.752	ng	99
83) Chrysene	14.04	228	194792	8.213	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	106848	6.747	ng	97
85) Di-n-octyl phthalate	14.60	149	158730	6.310	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	137356	6.895	ng	100
88) Benzo(b)fluoranthene	15.06	252	153080	7.518	ng	99
89) Benzo(k)fluoranthene	15.09	252	168498	8.496	ng	97
90) Benzo(a)pyrene	15.42	252	144903	7.961	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	115016	7.300	ng	99
92) Benzo(g,h,i)perylene	17.40	276	112174	7.249	ng	99

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



#1

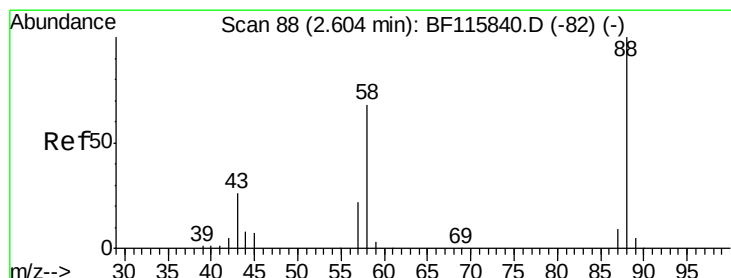
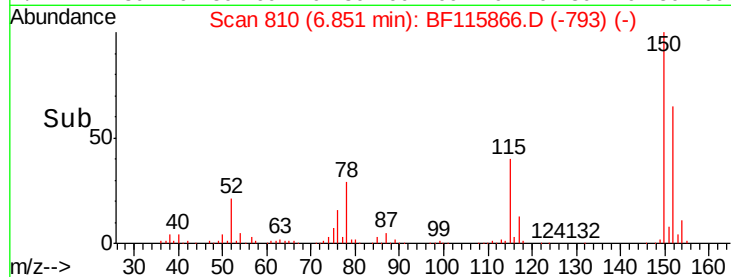
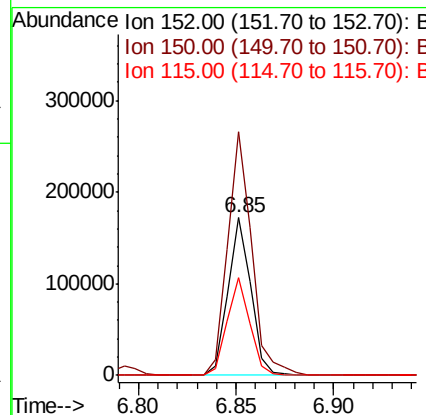
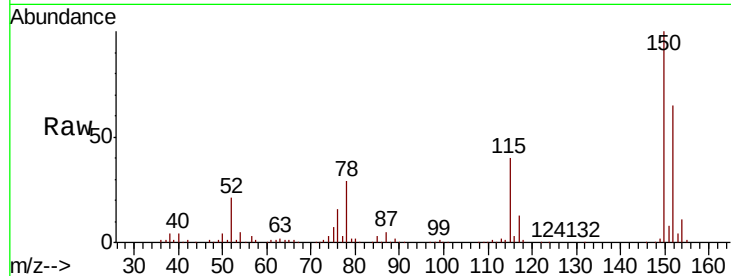
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.4	191.0
115	62.0	51.8	77.8

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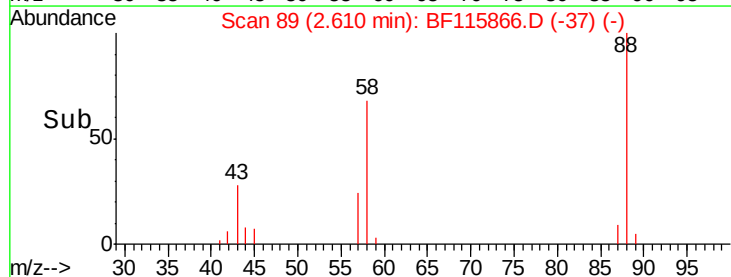
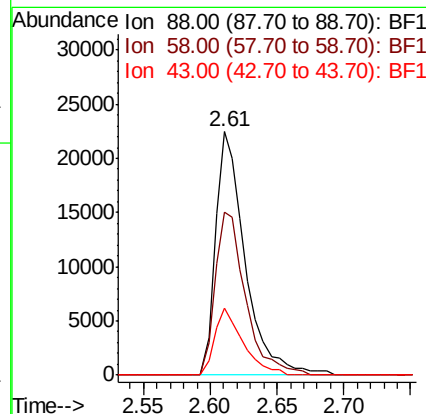
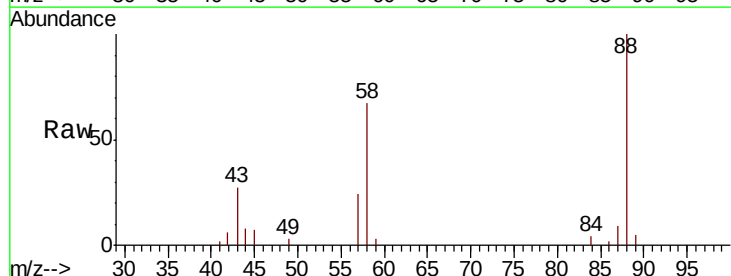
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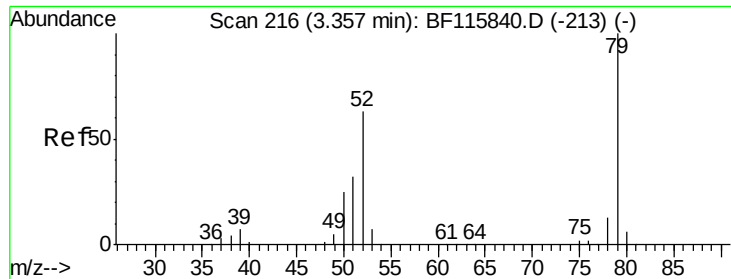


#2

1,4-Dioxane
Concen: 8.289 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	54.1	81.1
43	26.2	20.7	31.1





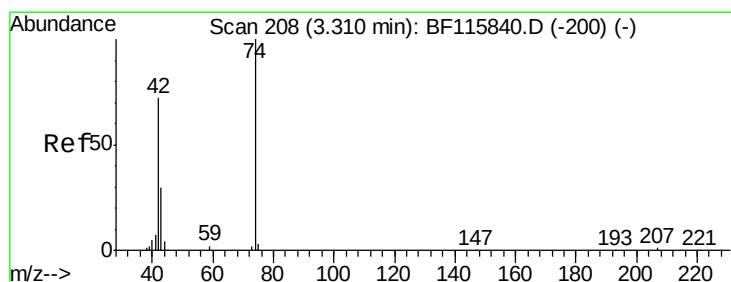
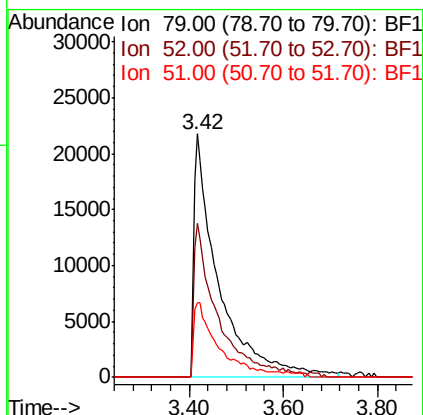
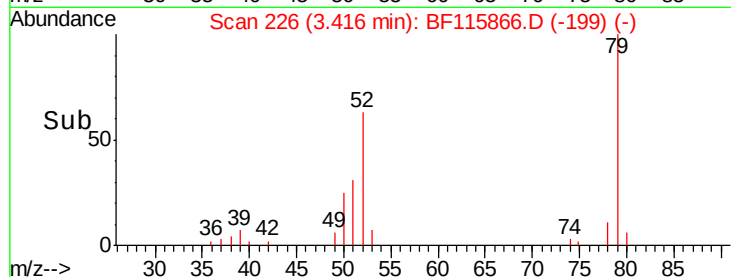
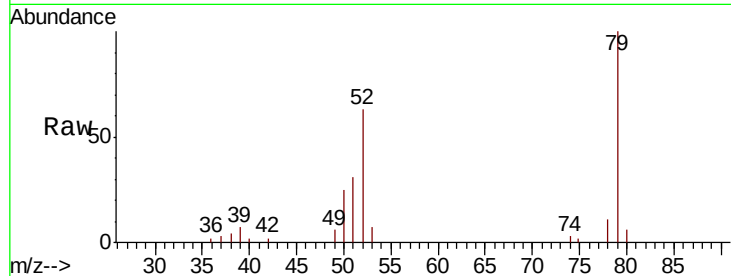
#3
 Pvridine
 Concen: 6.716 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	50.2	75.4
51	30.8	25.8	38.6

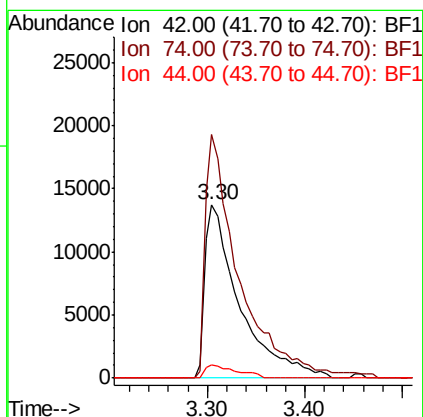
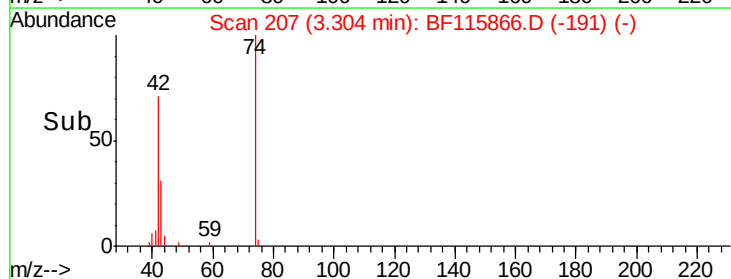
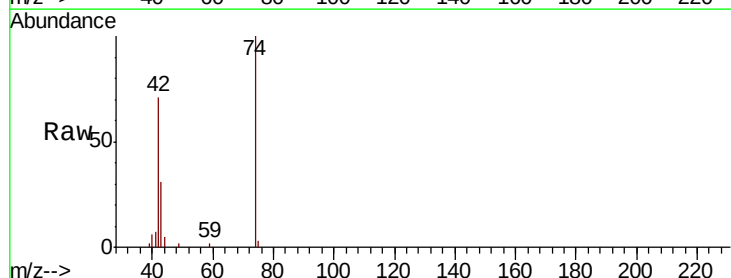
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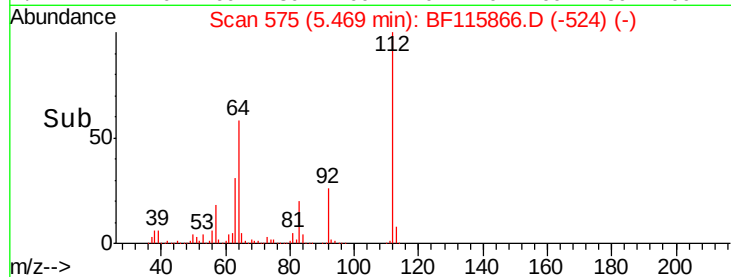
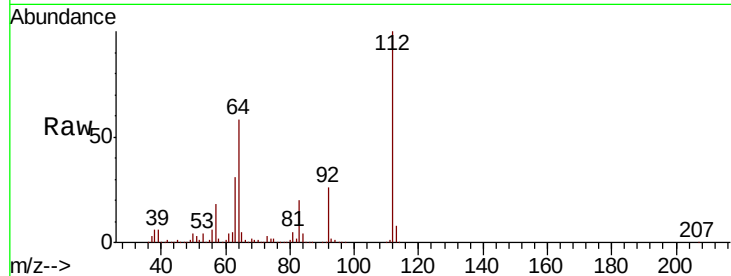
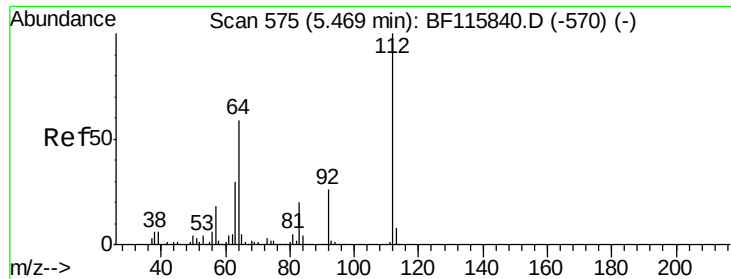
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#4
 n-Nitrosodimethylamine
 Concen: 7.279 ng
 RT: 3.30 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.3	111.0	166.4
44	7.6	4.7	7.1#





#5

2-Fluorophenol

Concen: 101.454 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		845509		
64	58.1	46.8	70.2		
63	30.8	24.2	36.2		

Instrument :

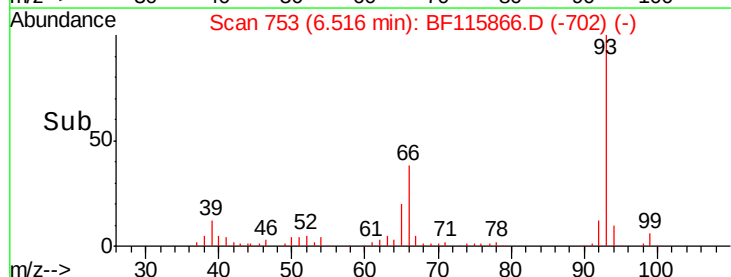
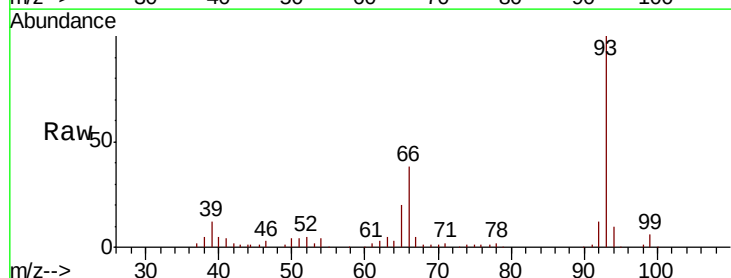
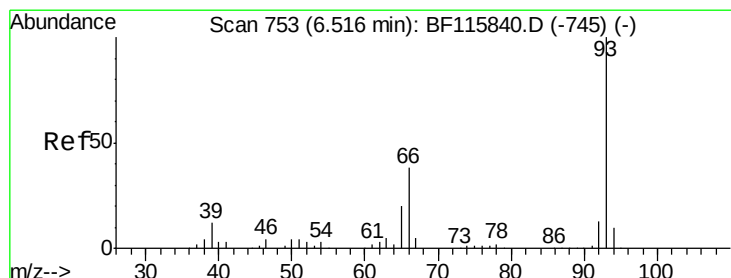
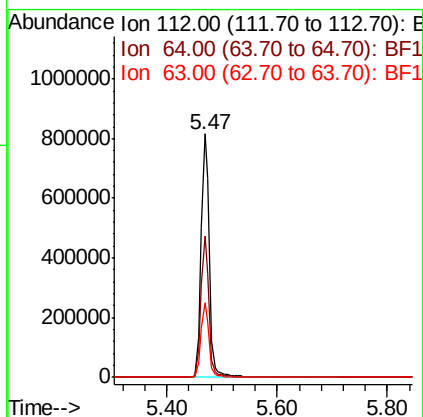
BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

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#6

Aniline

Concen: 8.183 ng

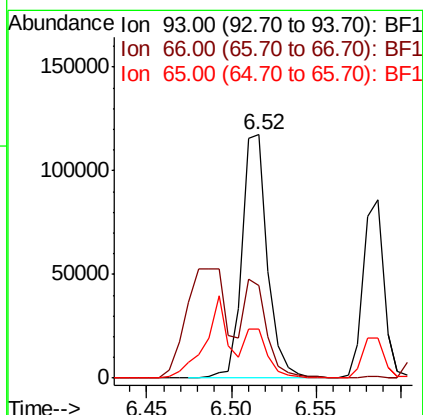
RT: 6.52 min Scan# 753

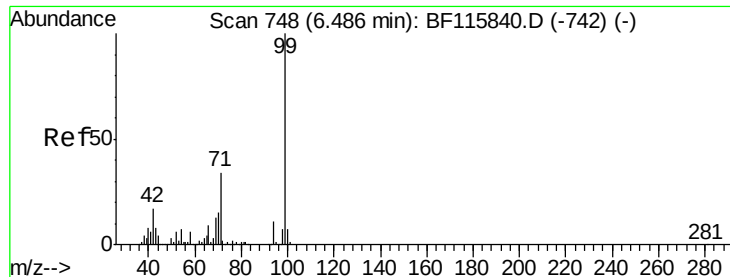
Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		123217		
66	38.0	31.4	47.0		
65	20.2	16.5	24.7		





#7

Phenol-d6

Concen: 100.822 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

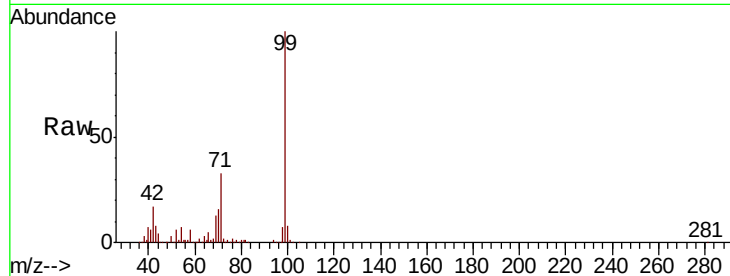
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

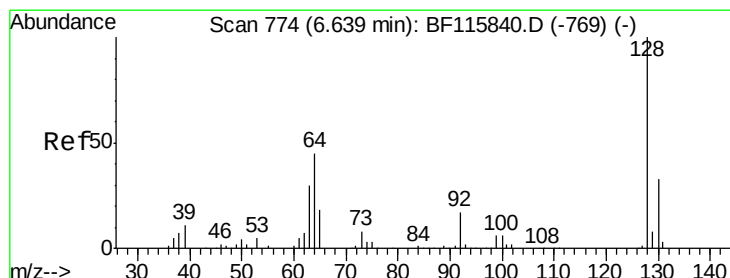
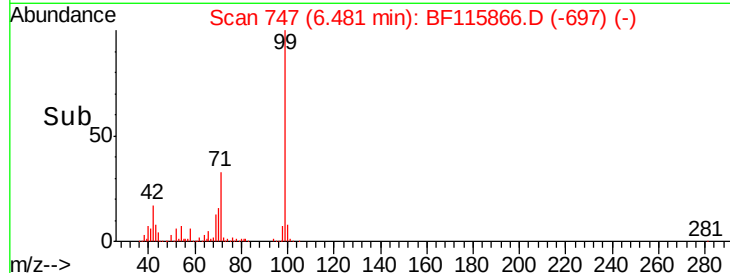
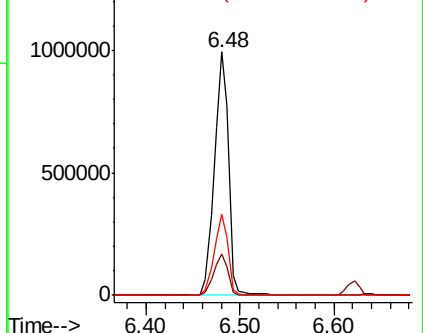
Tot Ion:	99	Resp:	1060114
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	33.3	27.1	40.7

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.462 ng

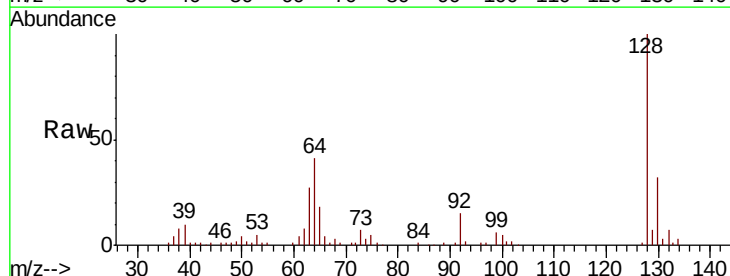
RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

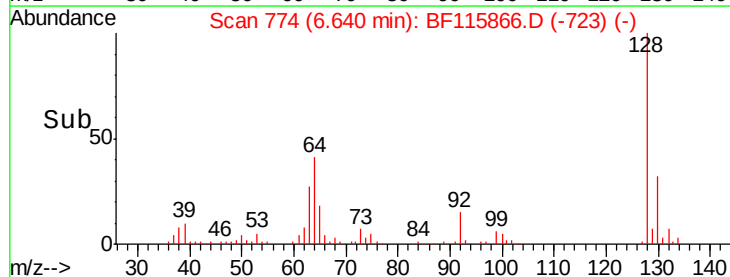
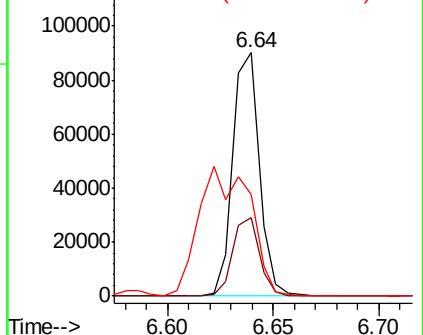
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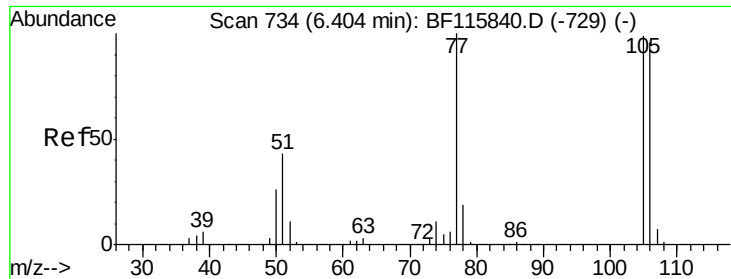
Acq: 31 Jul 2019 15:19

Tgt Ion:	128	Resp:	77986
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	41.5	26.1	66.1



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





#9

Benzaldehyde

Concen: 9.363 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

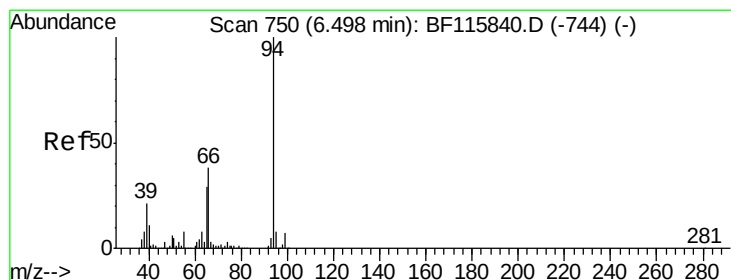
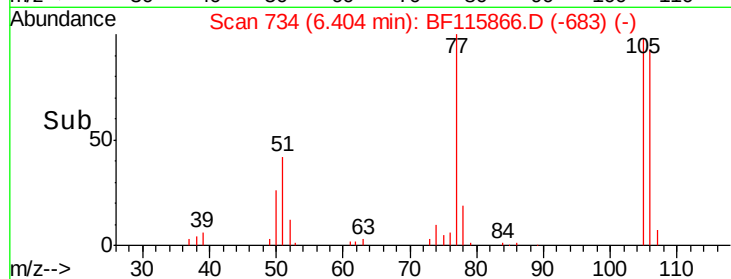
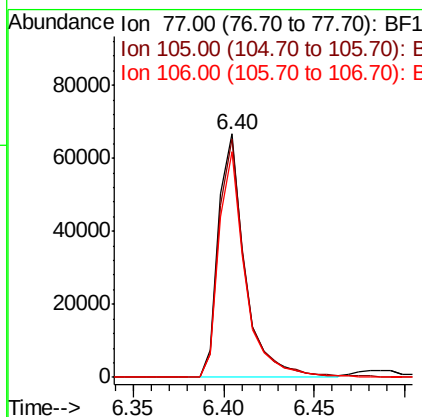
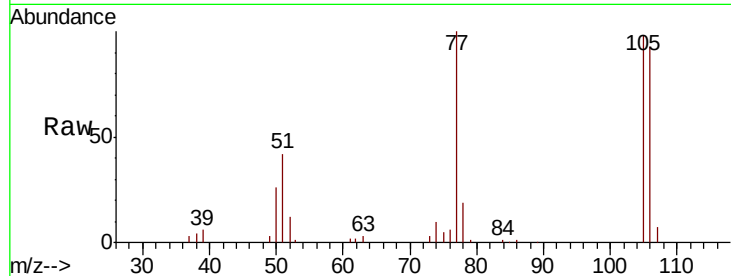
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	77	Resp:	67932
Ion	Ratio	Lower	Upper
77	100		
105	97.8	79.0	119.0
106	92.5	76.2	116.2

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#10

Phenol

Concen: 8.495 ng

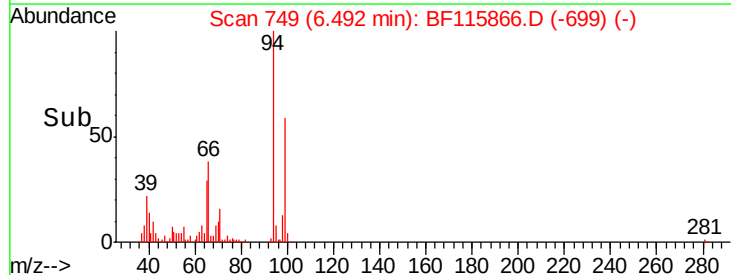
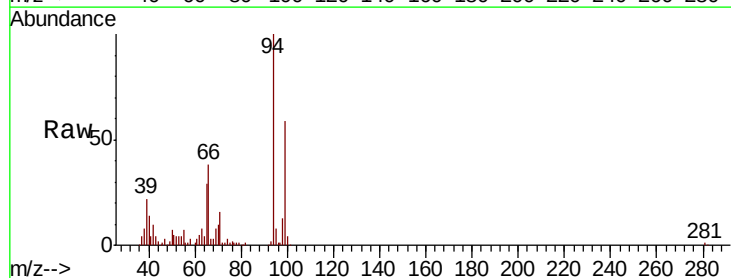
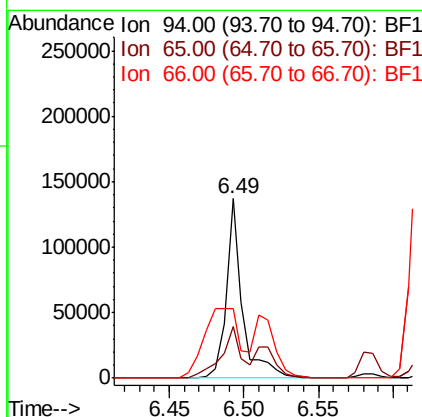
RT: 6.49 min Scan# 749

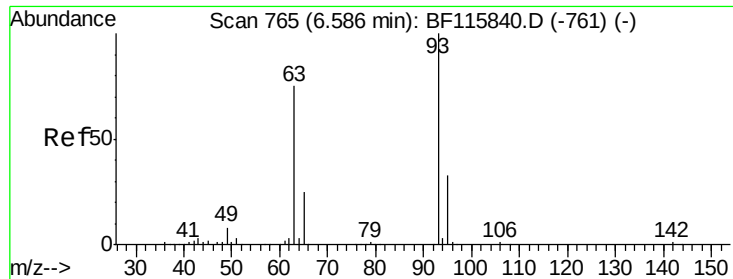
Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	94	Resp:	105186
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.9	48.9
66	38.5	18.0	58.0





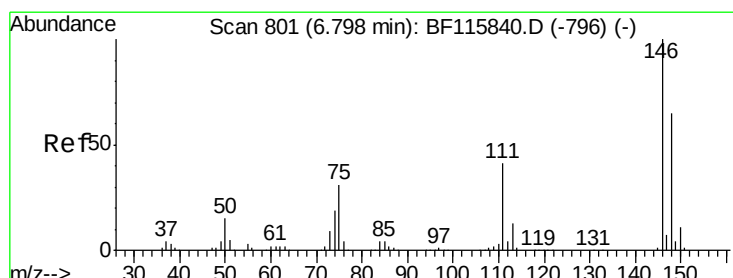
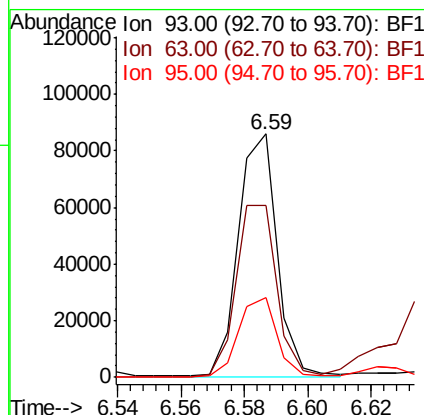
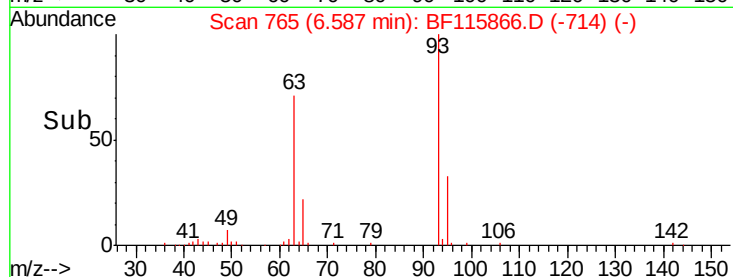
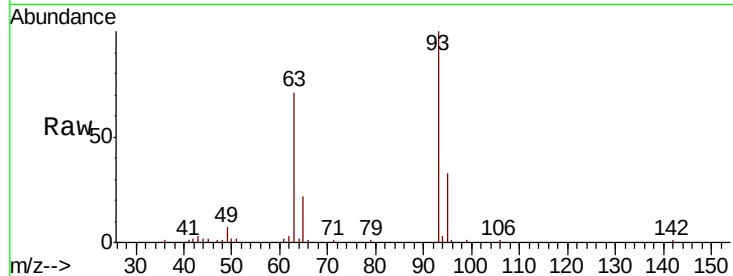
#11
bis(2-Chloroethyl)ether
Concen: 8.072 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion:	93	Resp:	73485
Ion Ratio	Lower	Upper	
93	100		
63	70.8	54.9	94.9
95	32.7	13.3	53.3

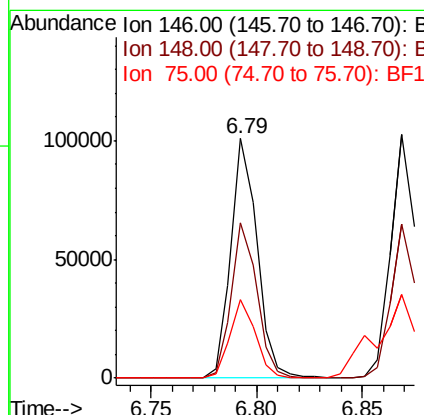
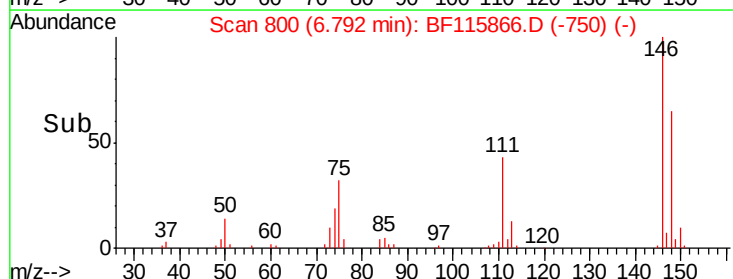
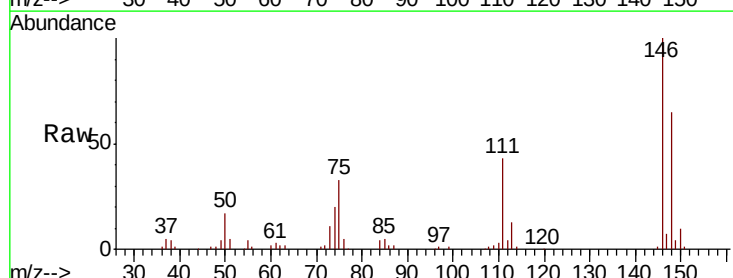
Manual Integrations
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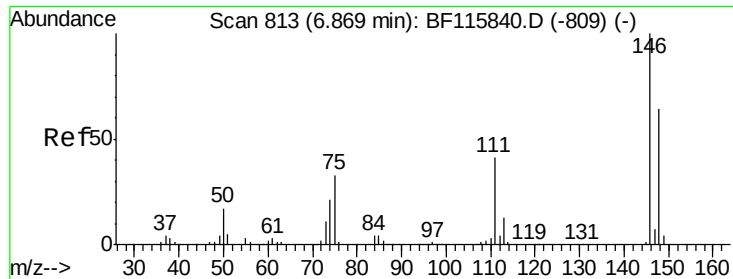
mohammad
8/1/2019 5:06:34 PM



#12
1,3-Dichlorobenzene
Concen: 8.125 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion:	146	Resp:	86532
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.1	78.1
75	32.7	25.0	37.6





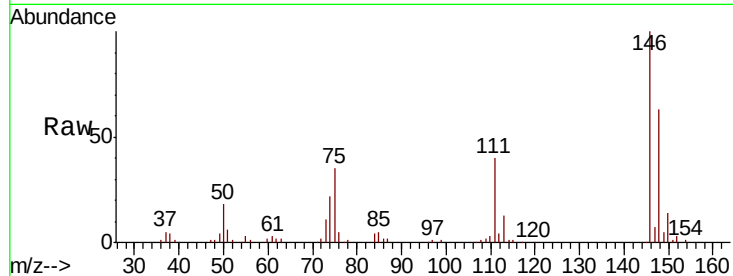
#13
1,4-Dichlorobenzene
Concen: 8.275 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

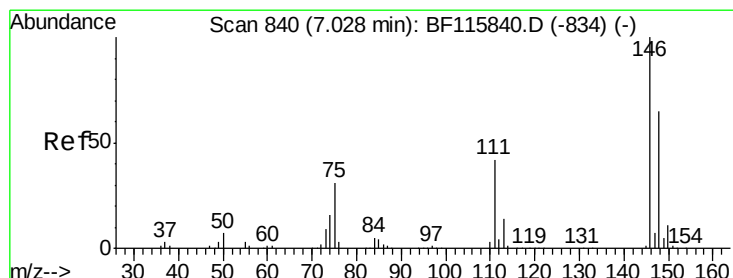
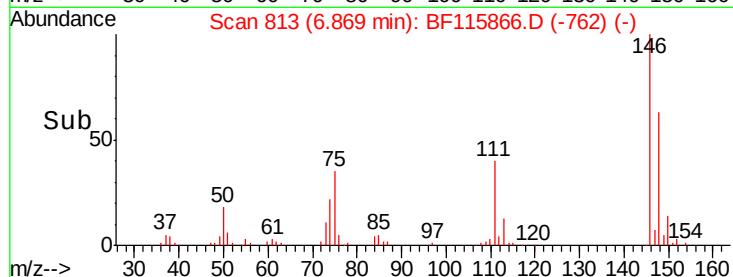
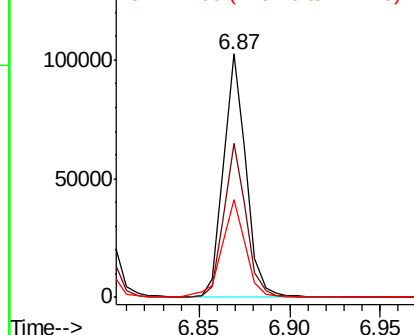
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	40.0	33.2	49.8

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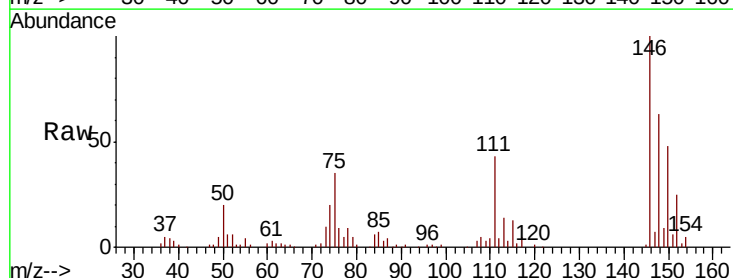


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

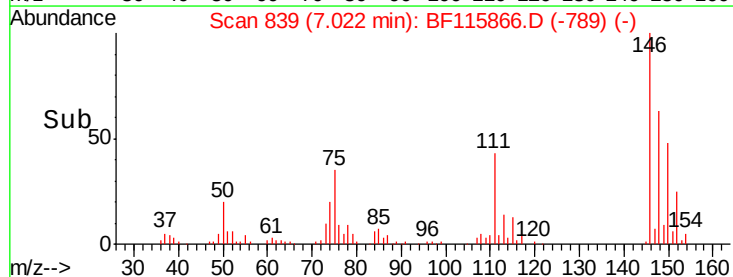
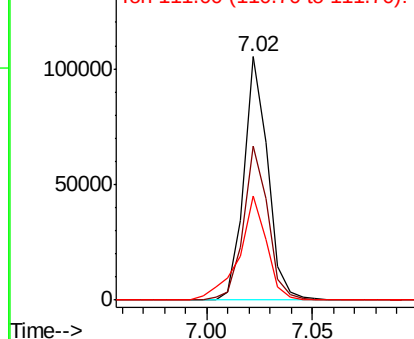


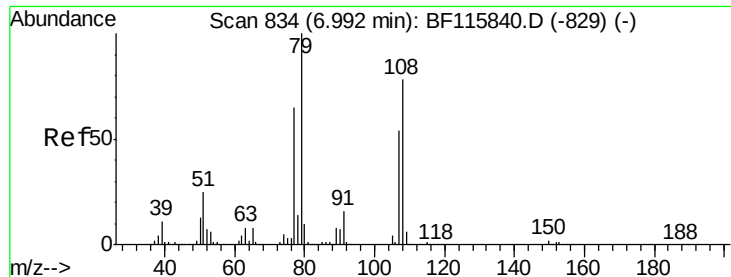
#14
1,2-Dichlorobenzene
Concen: 8.313 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	42.8	33.6	50.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.899 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

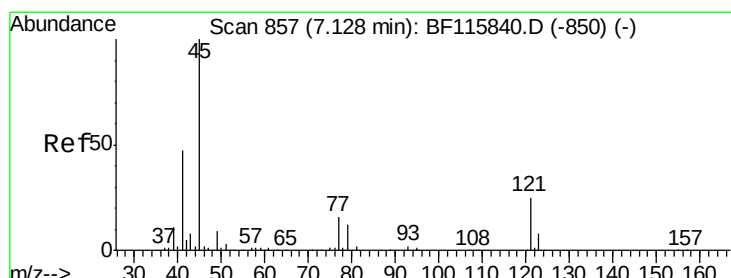
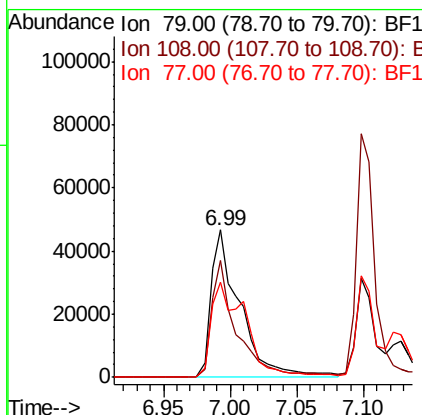
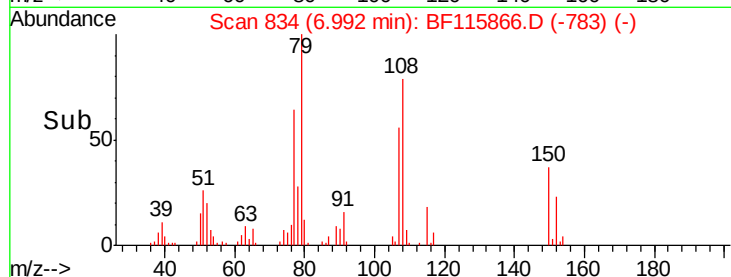
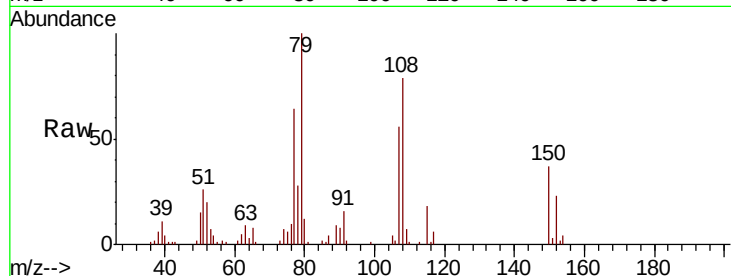
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	79	Resp:	71013
Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.8	94.2
77	64.4	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.845 ng

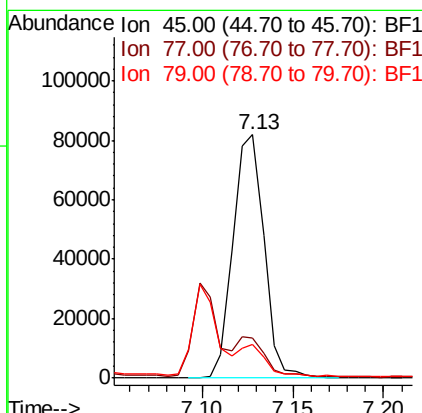
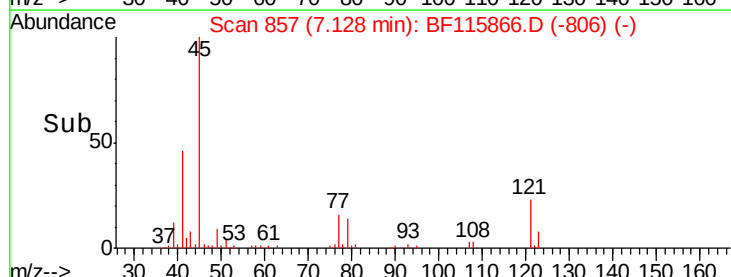
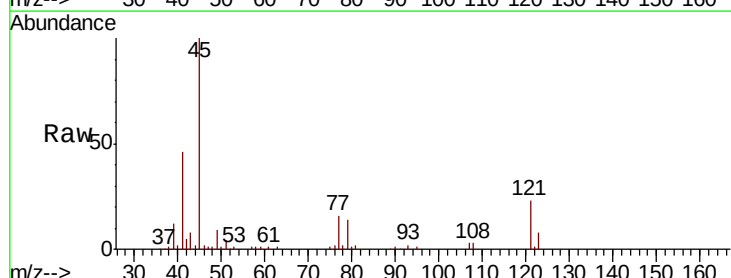
RT: 7.13 min Scan# 857

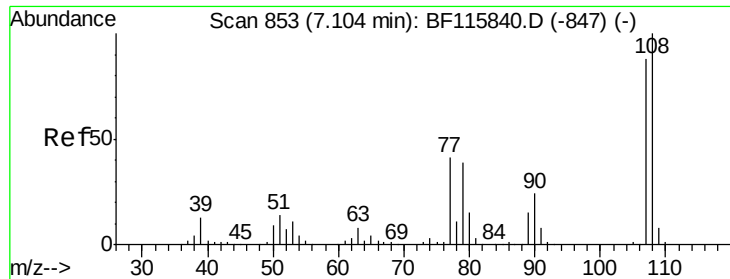
Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	45	Resp:	97409
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.3
79	13.9	0.0	32.5





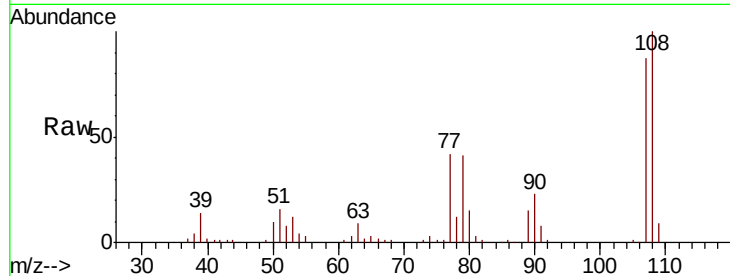
#17
2-Methylphenol
Concen: 8.094 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	107	Resp	63164
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.4	137.0
77	48.1	37.6	56.4
79	47.0	36.2	54.4

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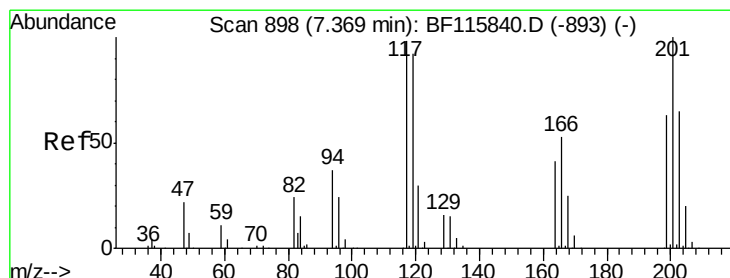
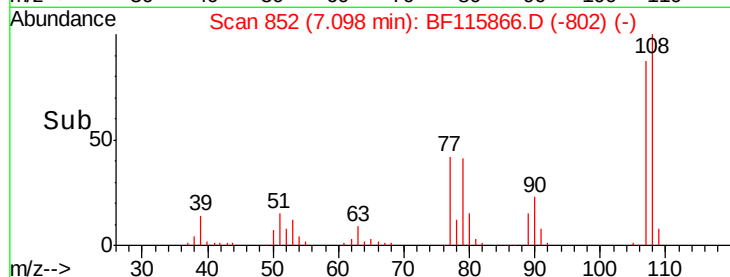
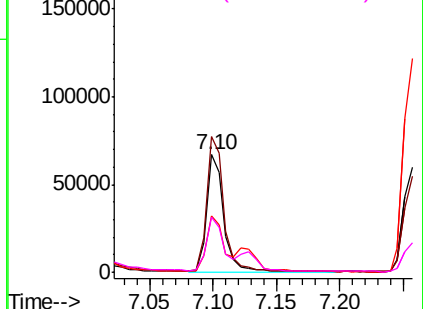
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 7.474 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

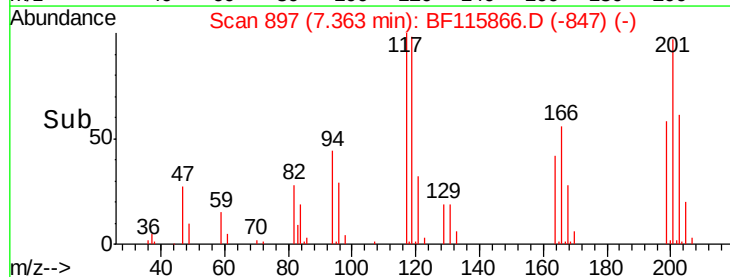
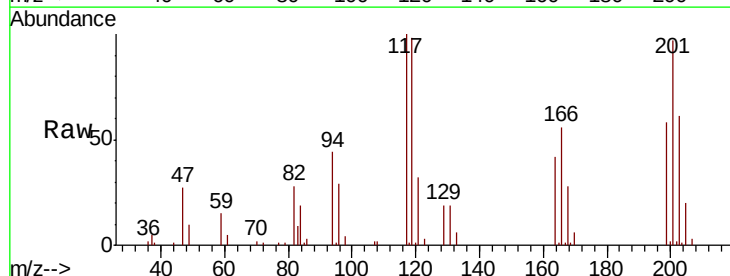
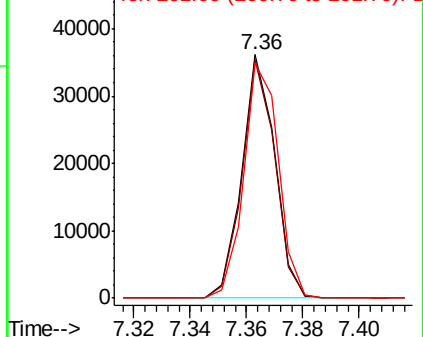
Tgt Ion	117	Resp	29343
Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.6
201	96.5	82.0	123.0

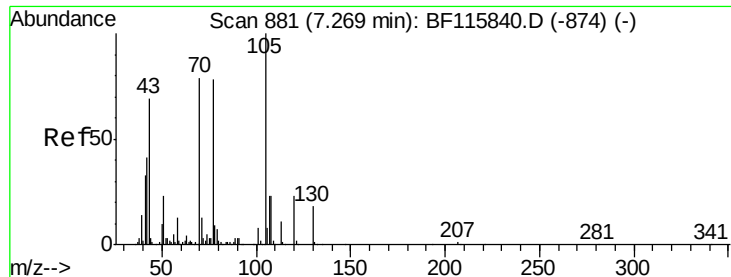
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





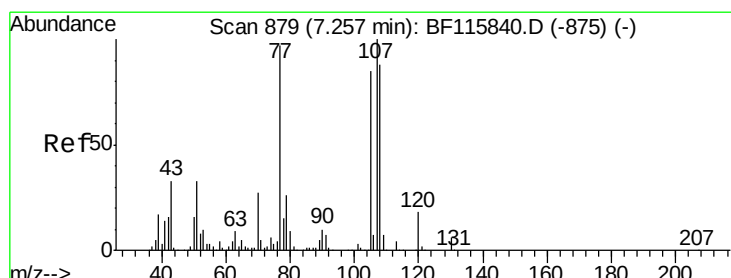
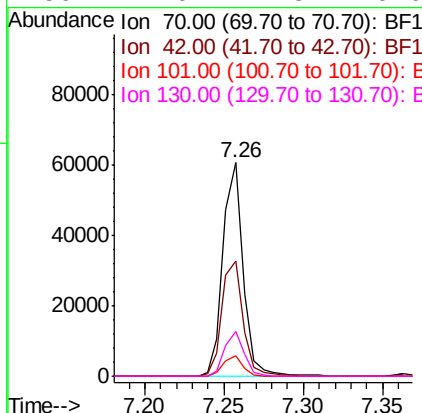
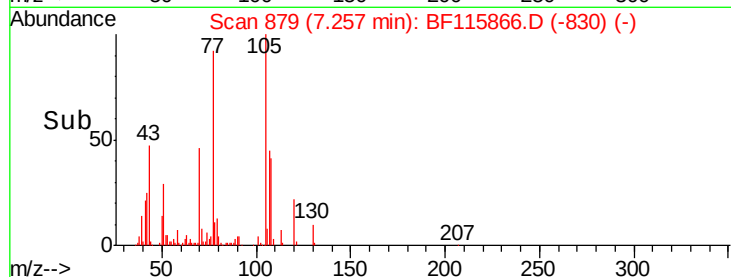
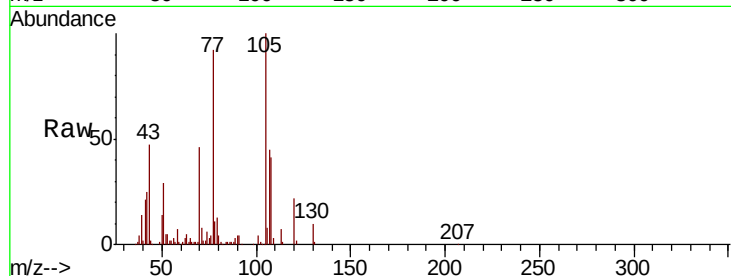
#19
n-Nitroso-di-n-propylamine
Concen: 8.255 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	41.8	62.8	
101	9.4	7.7	11.5	
130	21.0	17.8	26.6	

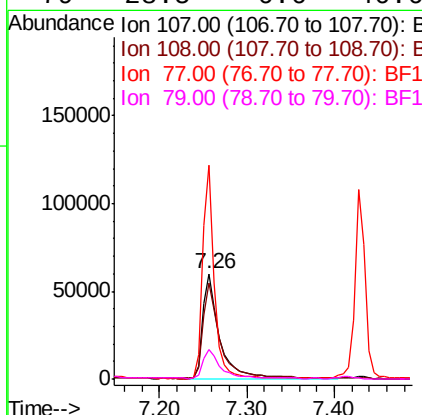
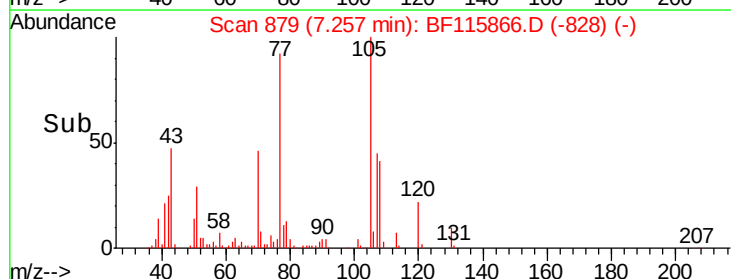
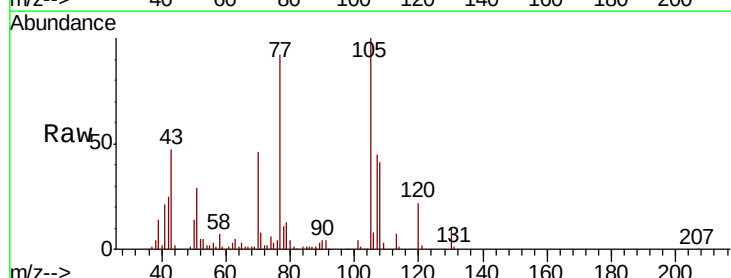
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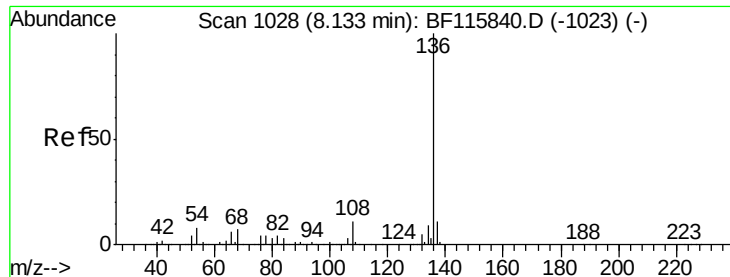
mohammad
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#20
3+4-Methylphenols
Concen: 8.790 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	67.9	107.9	
77	202.9	77.3	117.3	
79	28.5	6.6	46.6	





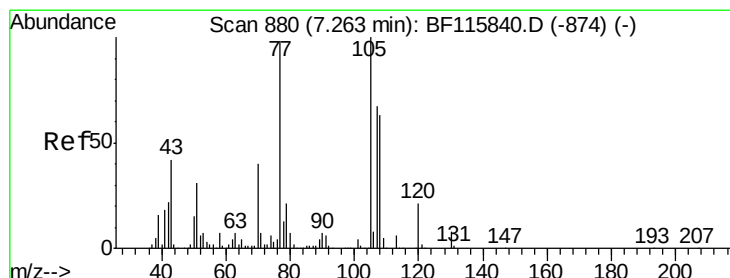
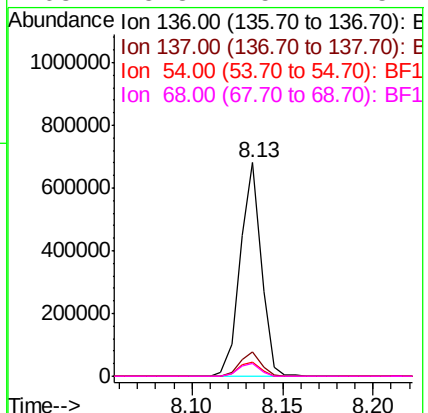
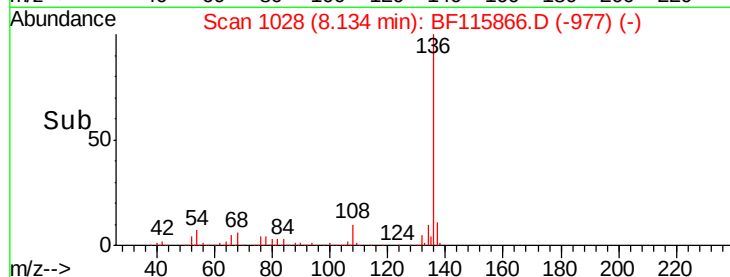
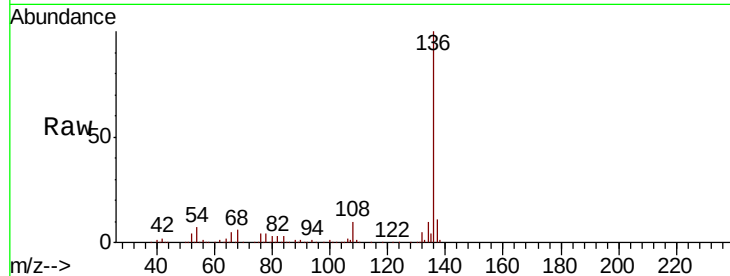
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	6.8	6.1	9.1	
68	5.8	5.4	8.2	

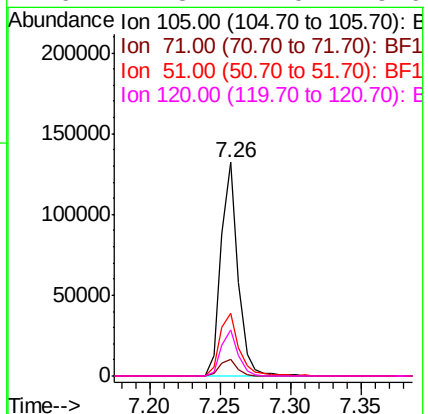
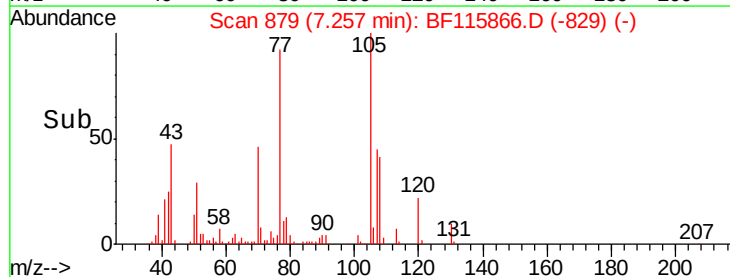
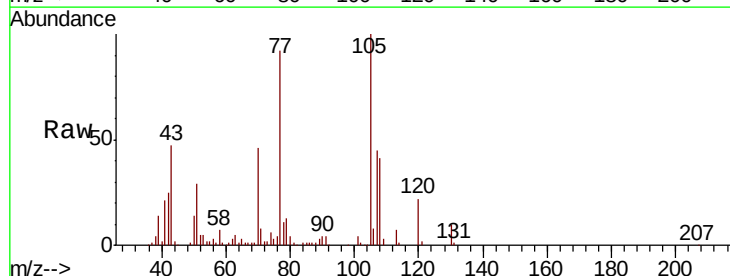
Manual Integrations
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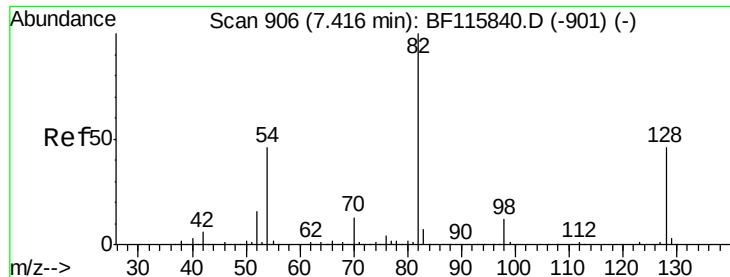
mohammad
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#22
Acetophenone
Concen: 9.251 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	5.4	8.0	
51	29.2	24.6	36.8	
120	21.8	17.0	25.6	





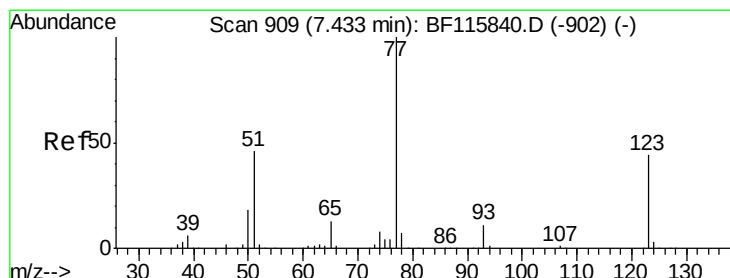
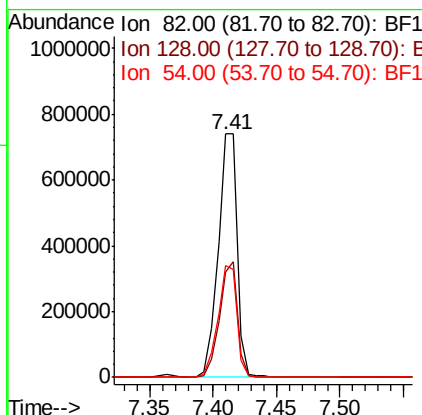
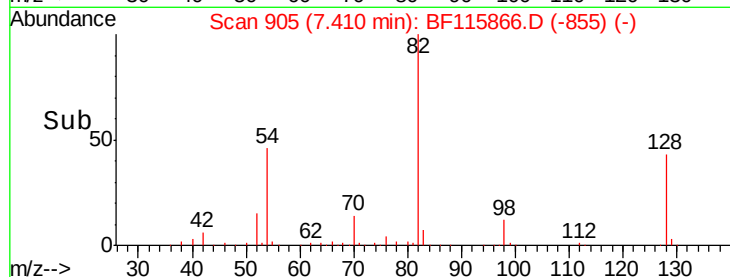
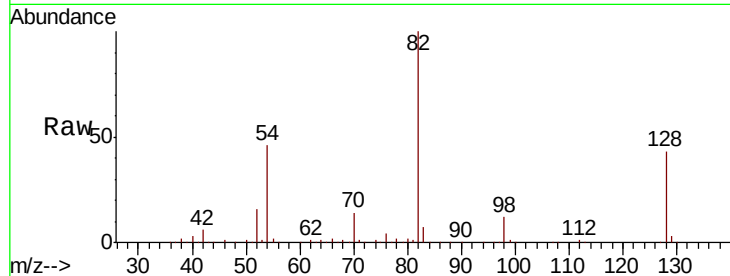
#23
 Nitrobenzene-d5
 Concen: 82.211 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.6	55.0
54	46.0	36.6	55.0

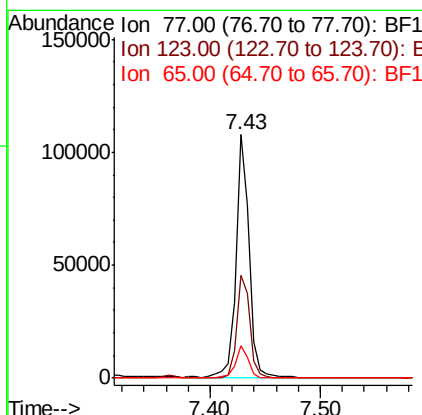
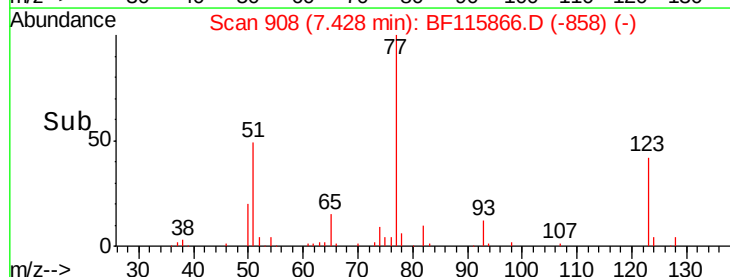
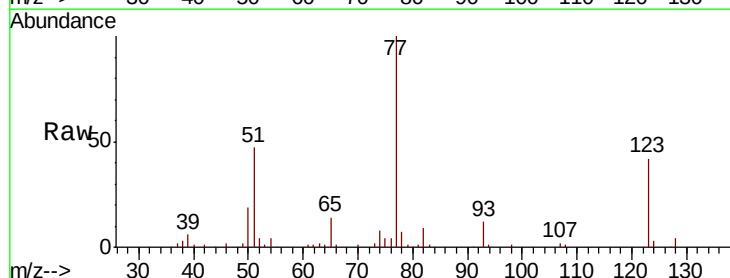
Manual Integrations
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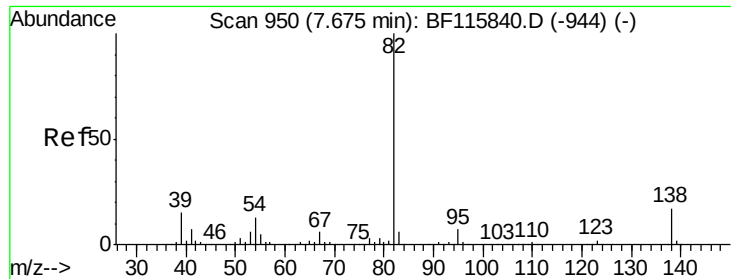
mohammad
 8/1/2019 5:06:34 PM



#24
 Nitrobenzene
 Concen: 8.863 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	35.5	53.3
65	13.6	10.6	15.8





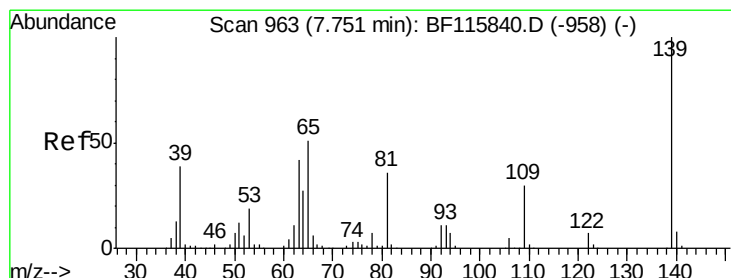
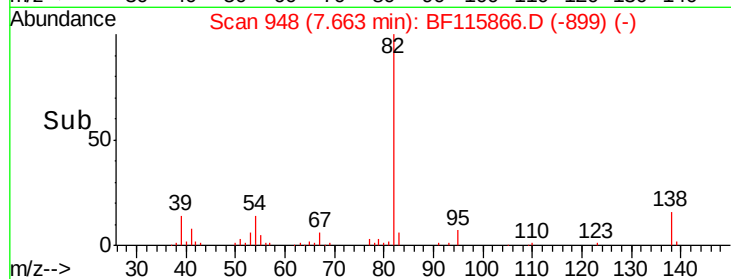
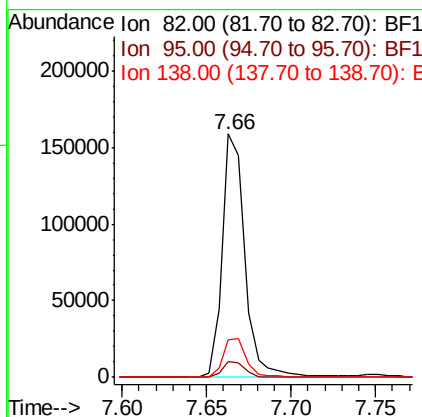
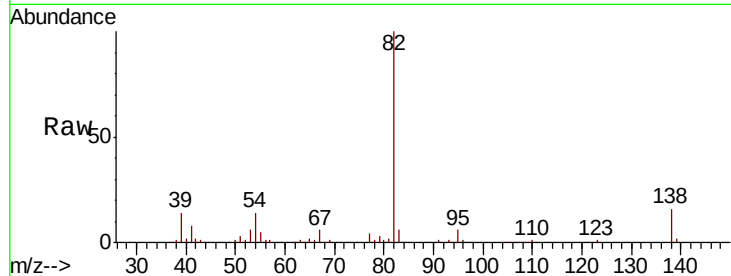
#25
Isophorone
Concen: 8.226 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	15.7	13.9	20.9

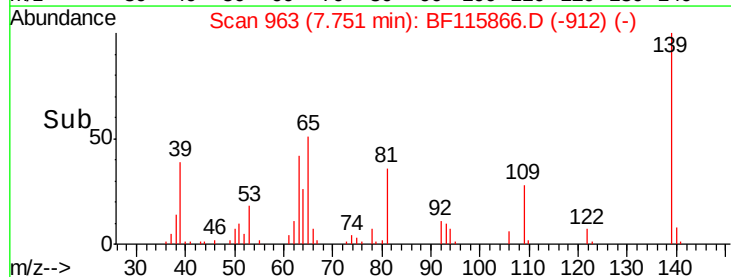
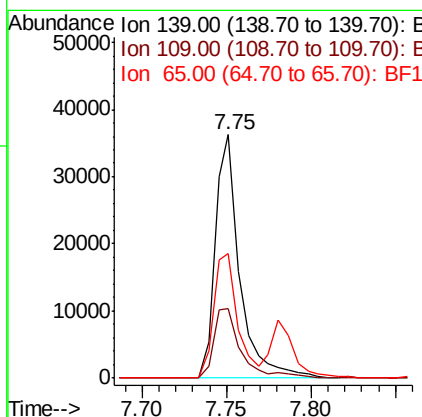
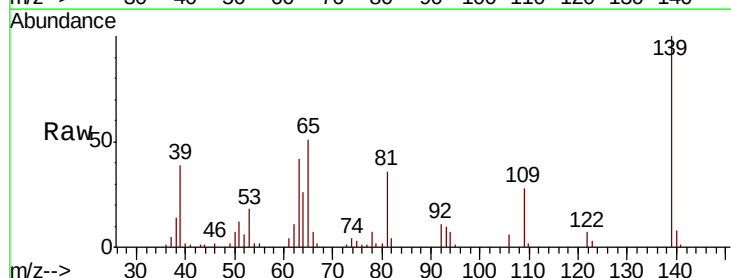
Manual Integrations
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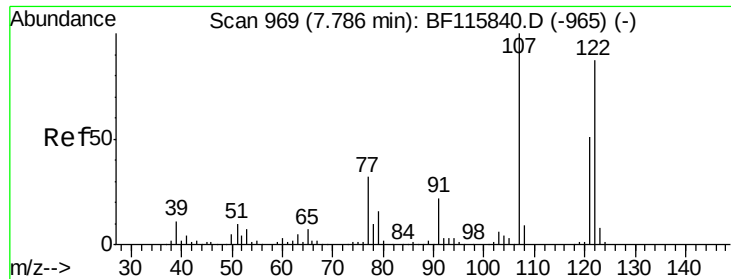
mohammad
8/1/2019 5:06:34 PM



#26
2-Nitrophenol
Concen: 7.591 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.3	23.6	35.4
65	51.3	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 8.926 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

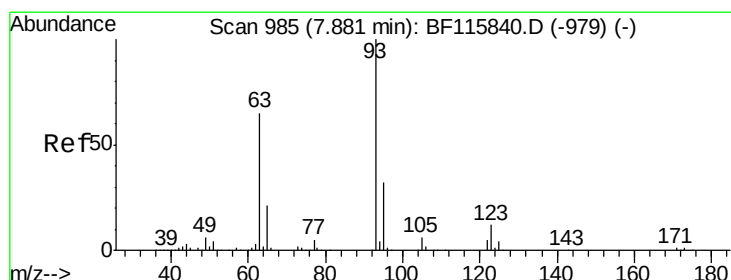
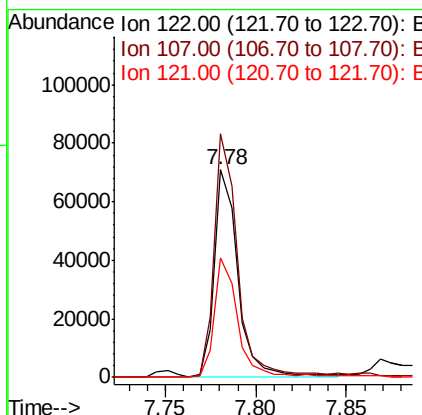
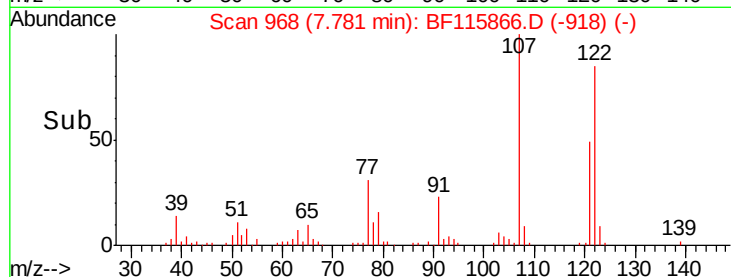
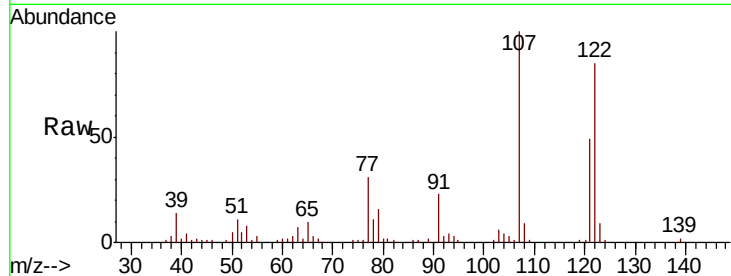
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		64997		
107	117.5	91.7	137.5		
121	57.3	46.6	70.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 8.008 ng

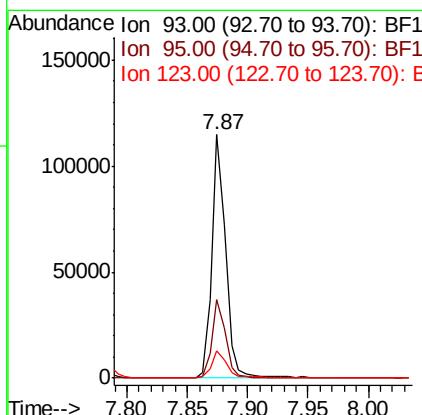
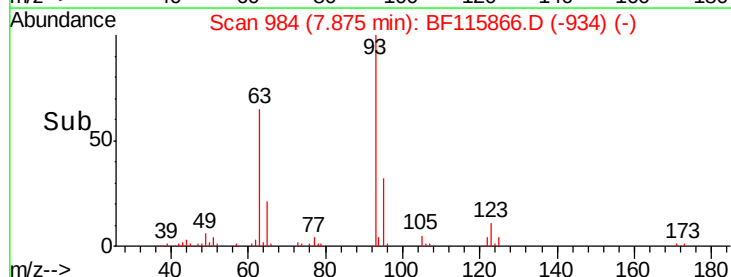
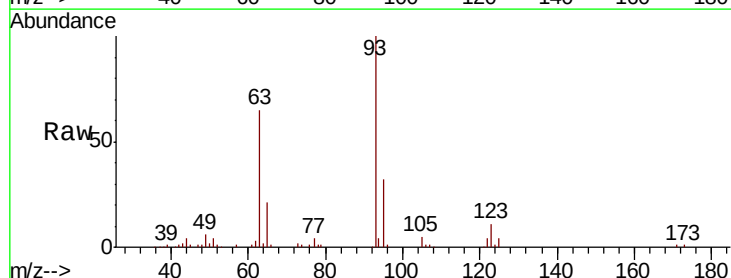
RT: 7.87 min Scan# 984

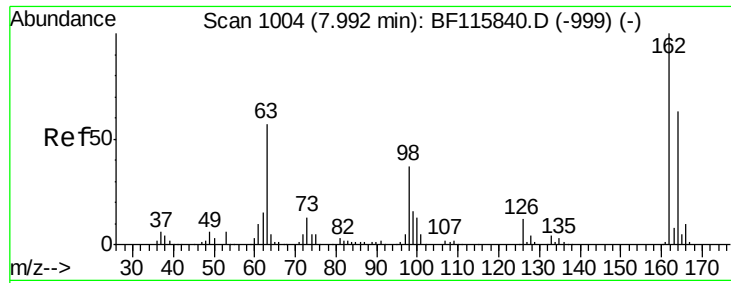
Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		90256		
95	32.4	26.0	39.0		
123	11.3	9.5	14.3		





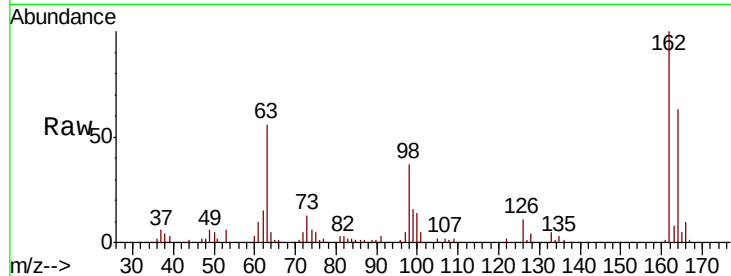
#29
 2,4-Dichlorophenol
 Concen: 8.068 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	36.7	17.3	57.3

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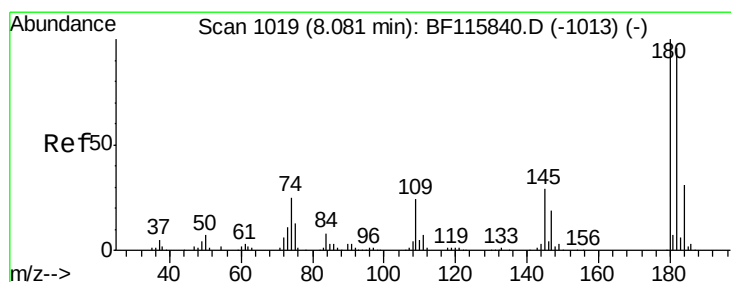
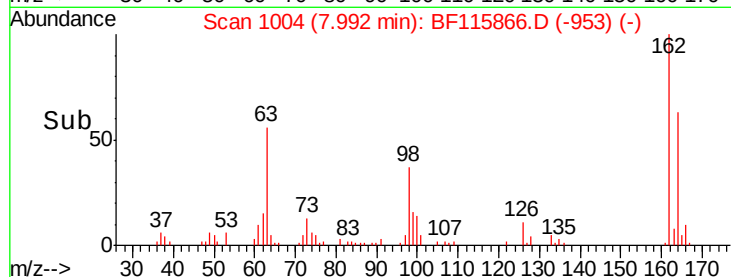
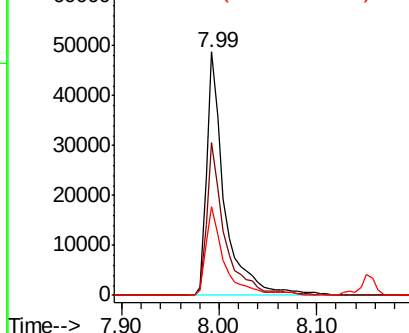


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 8.024 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

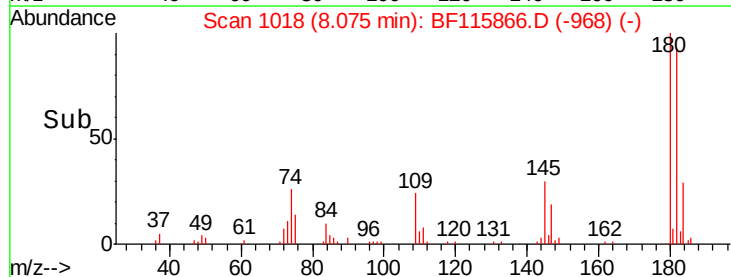
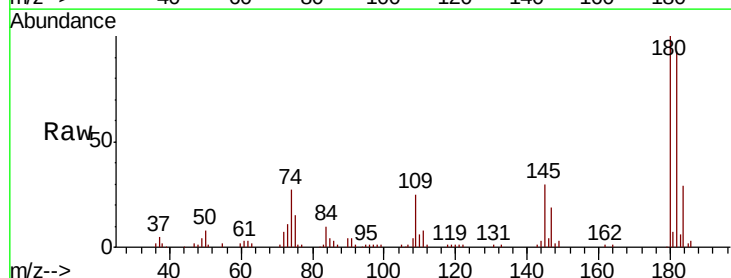
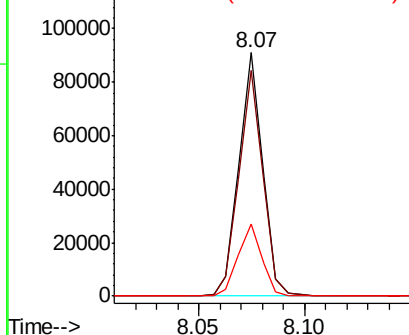
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.6	114.8
145	29.6	23.2	34.8

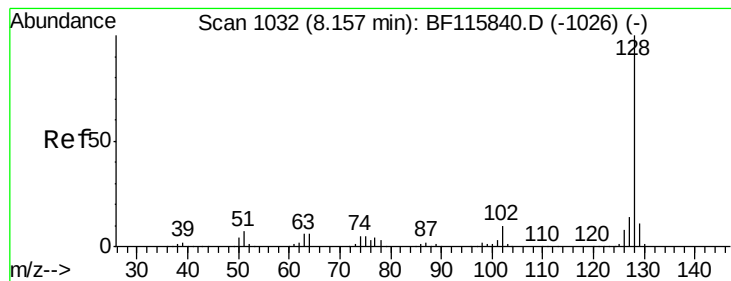
Abundance

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: 8.912 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

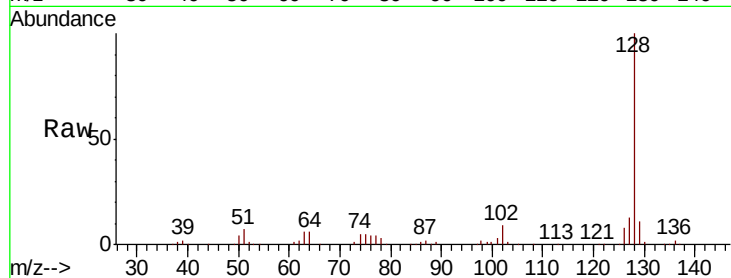
ClientSampleId :

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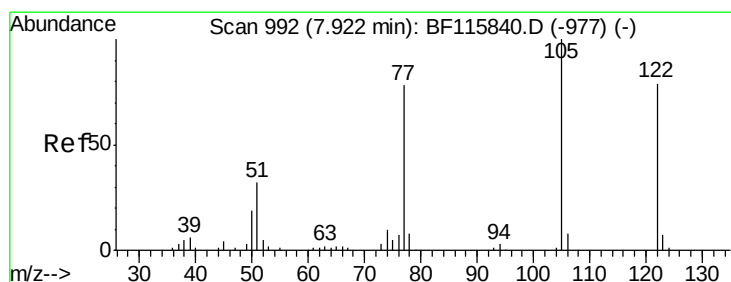
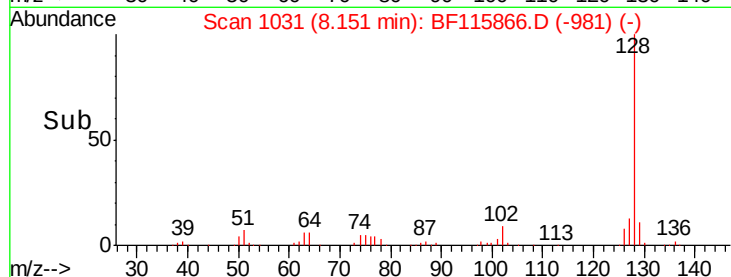
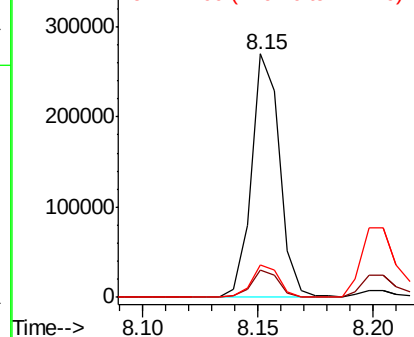
Tot Ion:	128	Resp:	230192
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.2	13.8
127	13.2	11.0	16.4

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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: 2.678 ng m

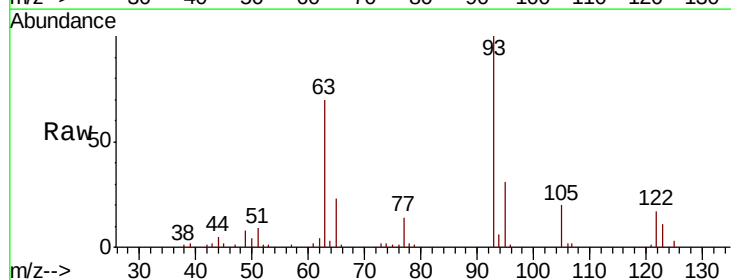
RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

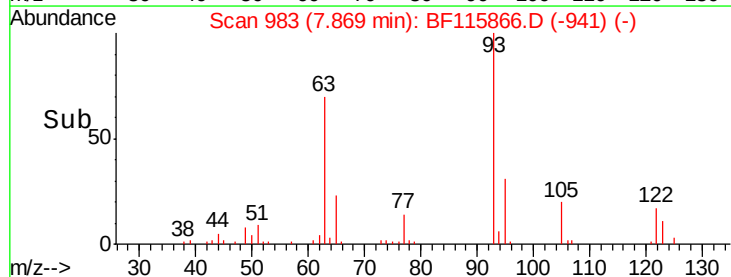
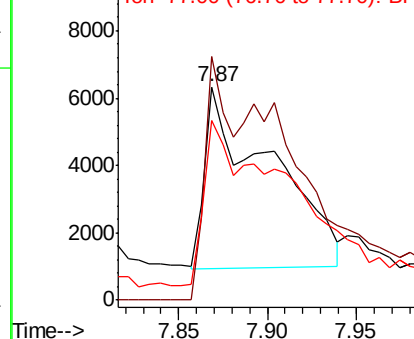
Lab File: BF115866.D

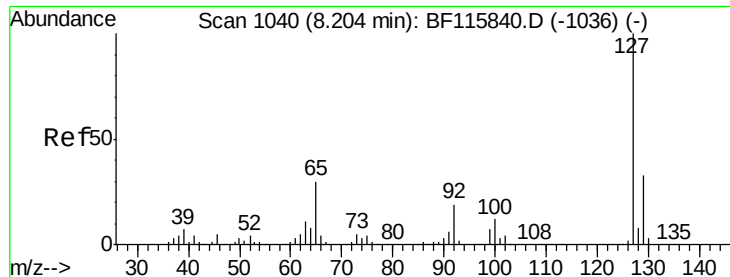
Acq: 31 Jul 2019 15:19

Tgt Ion:	122	Resp:	13751
Ion Ratio	Lower	Upper	
122	100		
105	114.0	103.1	143.1
77	84.1	76.8	116.8



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





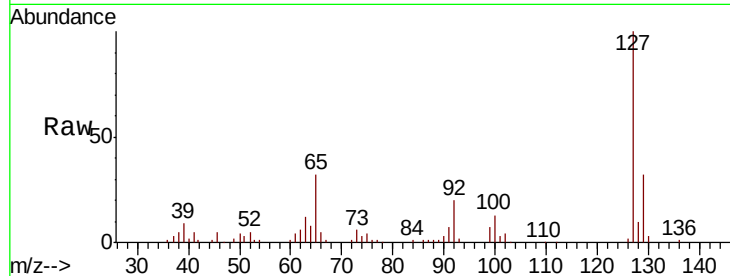
#33
4-Chloroaniline
Concen: 8.038 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

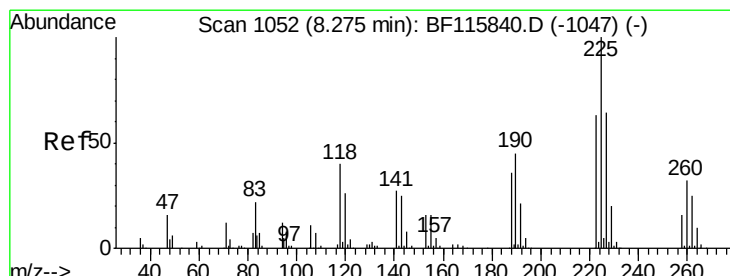
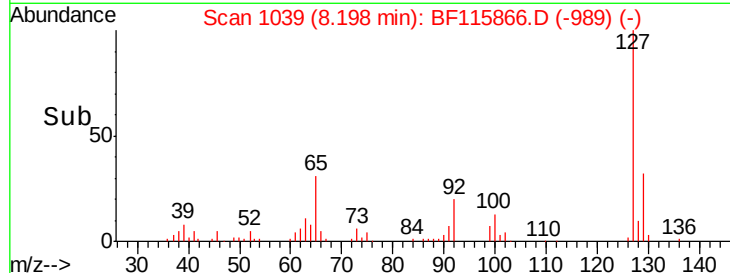
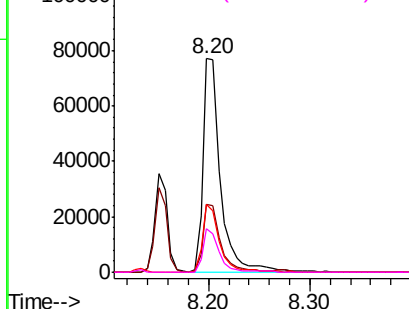
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		92766		
129	31.7	26.0	39.0		
65	32.1	23.9	35.9		
92	20.2	14.9	22.3		

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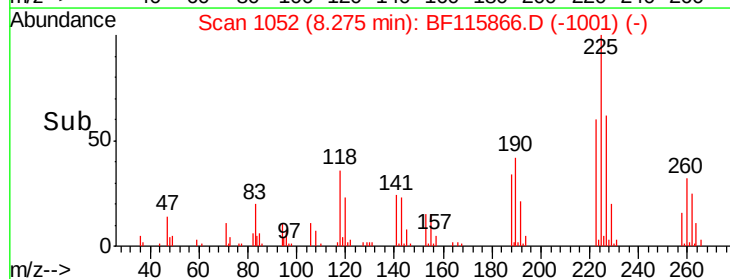
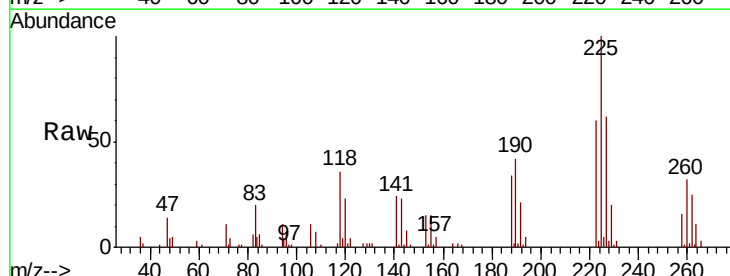
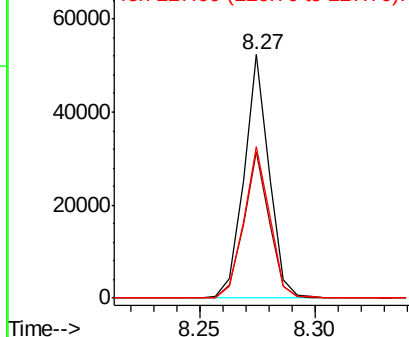
Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

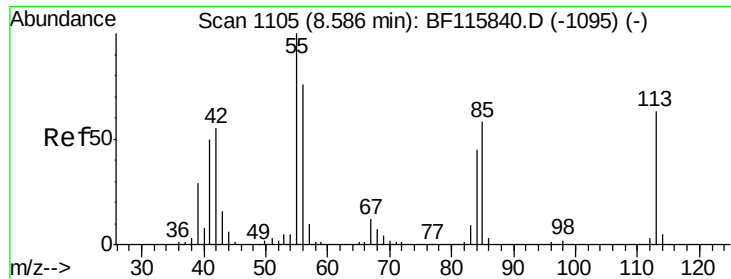


#34
Hexachlorobutadiene
Concen: 7.837 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		39564		
223	60.1	50.4	75.6		
227	62.4	51.6	77.4		

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





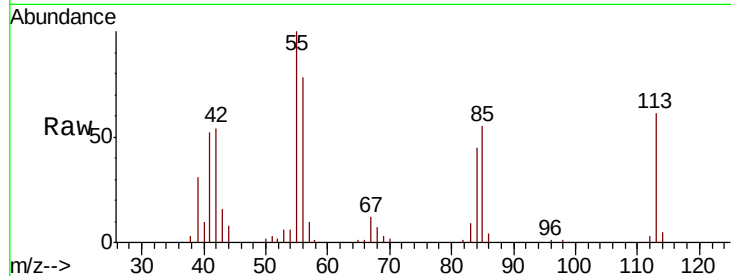
#35
Caprolactam
Concen: 7.528 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

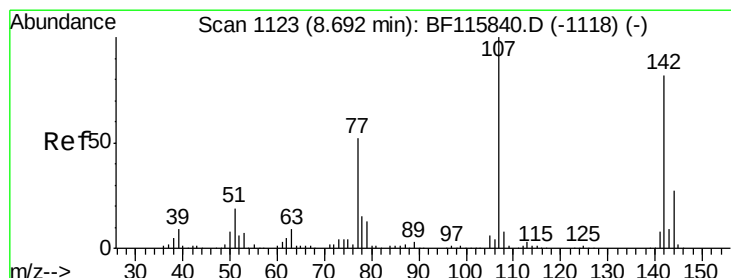
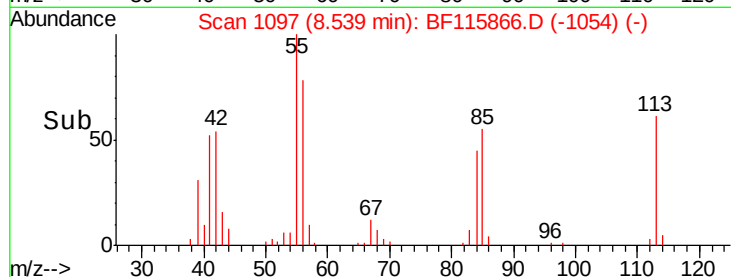
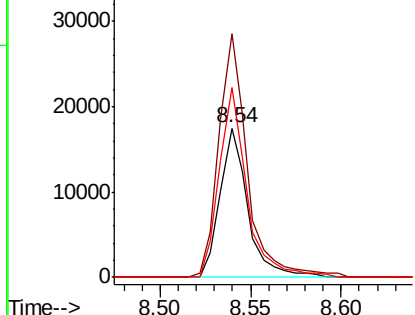
Tot Ion:113 Resp: 18719
Ion Ratio Lower Upper
113 100
55 163.1 138.1 178.1
56 127.2 100.6 140.6

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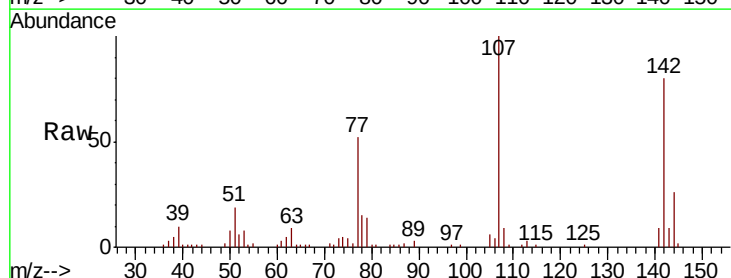


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

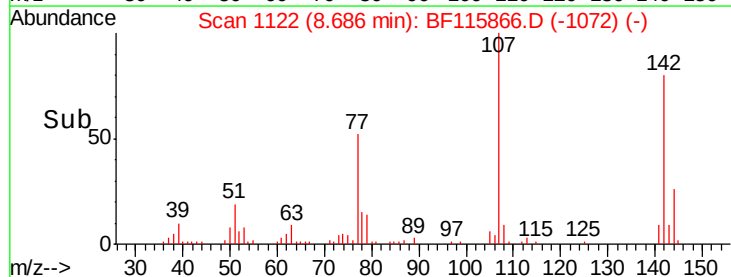
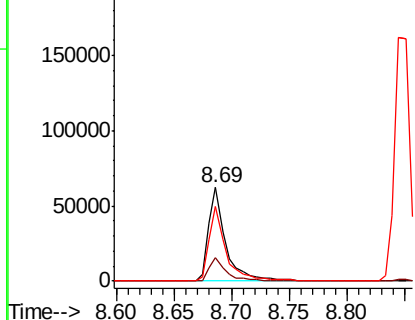


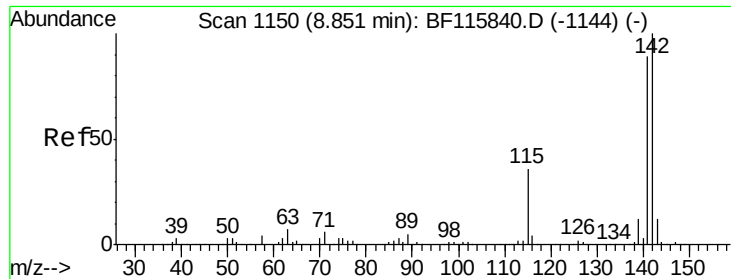
#36
4-Chloro-3-methylphenol
Concen: 8.142 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion:107 Resp: 65124
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.0
142 79.7 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





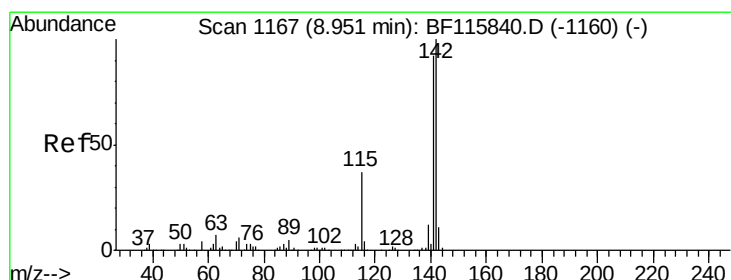
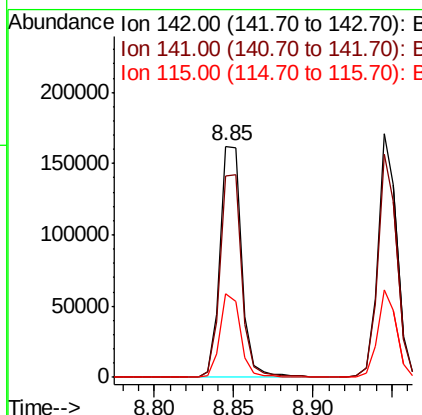
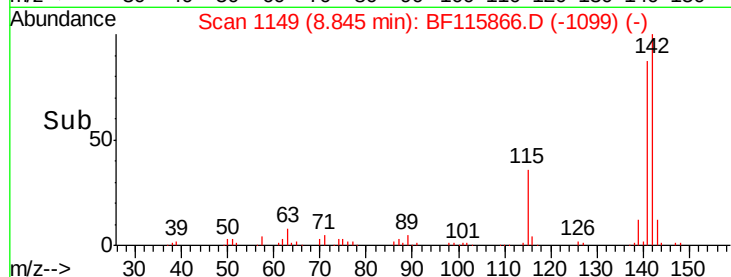
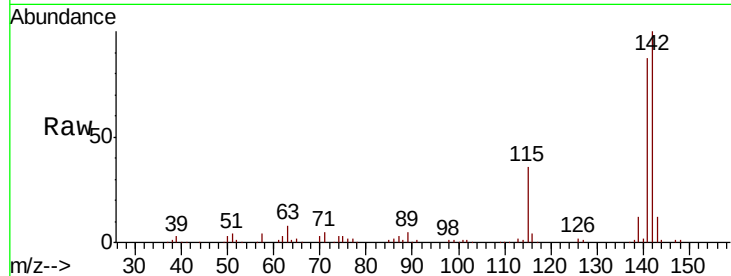
#37
2-Methylnaphthalene
Concen: 9.022 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.2
115	36.4	28.9	43.3

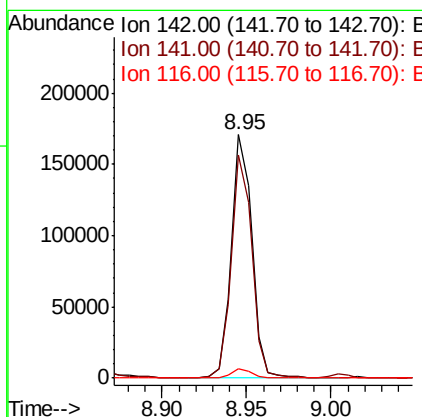
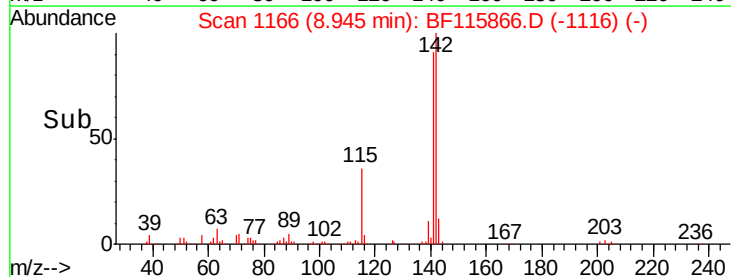
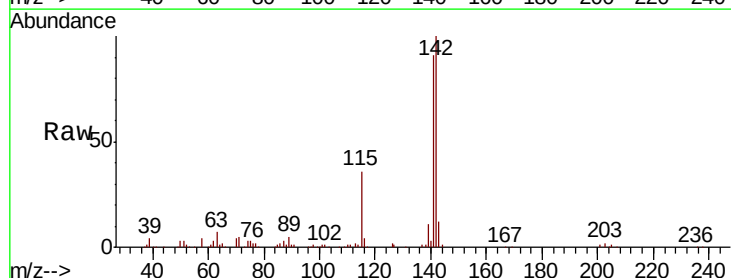
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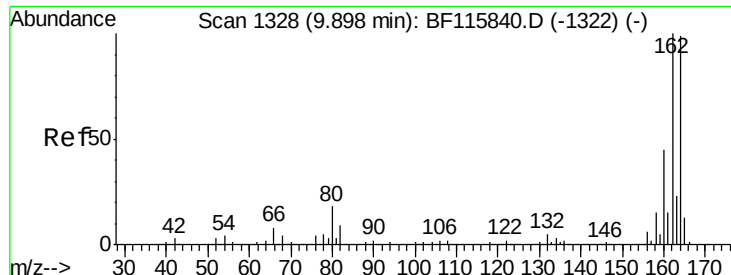
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#38
1-Methylnaphthalene
Concen: 8.968 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

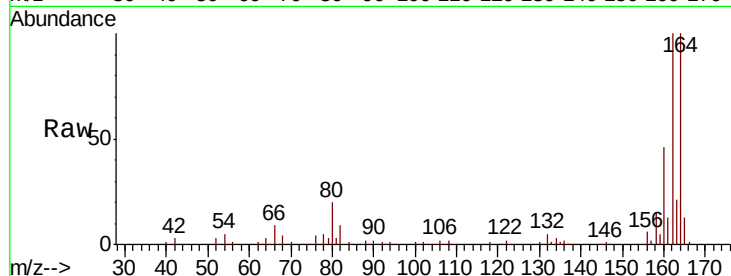
ClientSampleId :

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Tot Ion:	164	Resp:	289704
Ion Ratio	Lower	Upper	
164	100		
162	100.1	80.8	121.2
160	46.5	36.2	54.4

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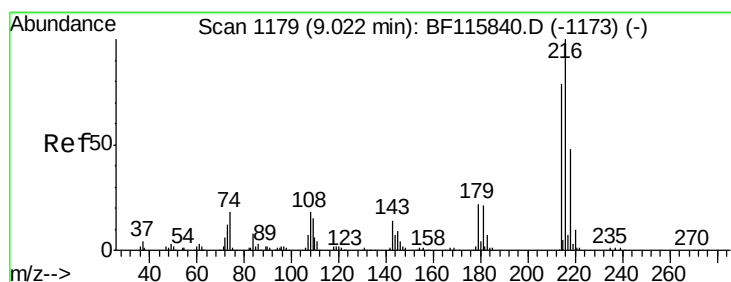
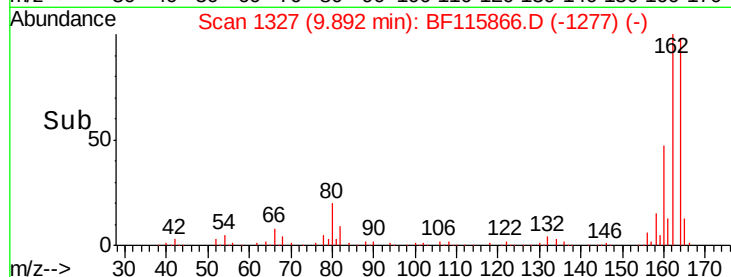
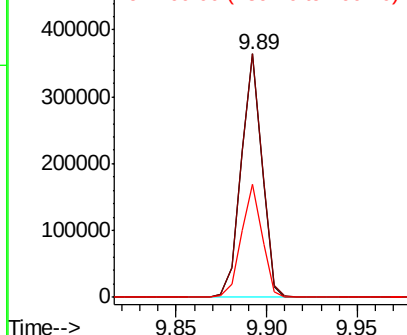


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.599 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	216	Resp:	66601
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.8	94.2
179	21.6	17.6	26.4
108	20.5	16.1	24.1

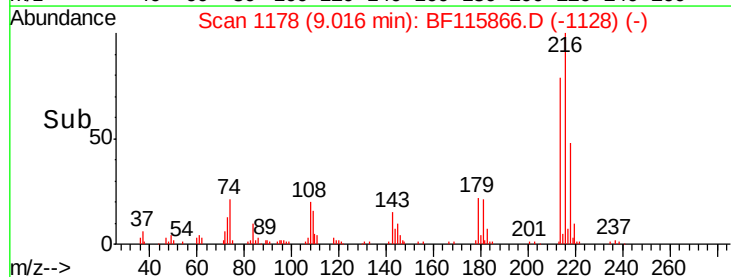
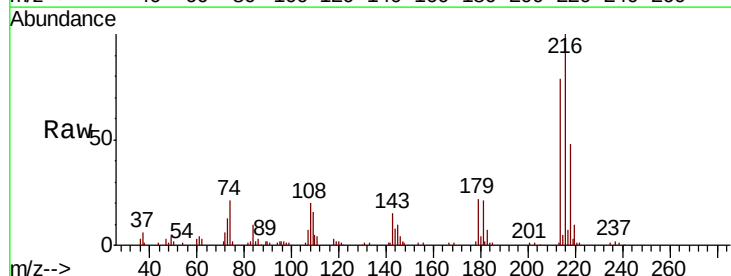
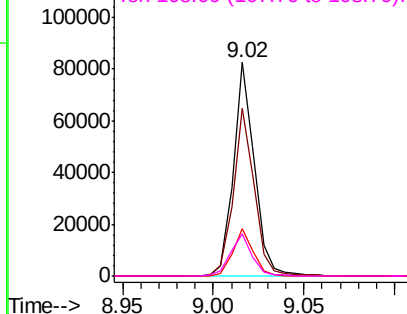
Abundance

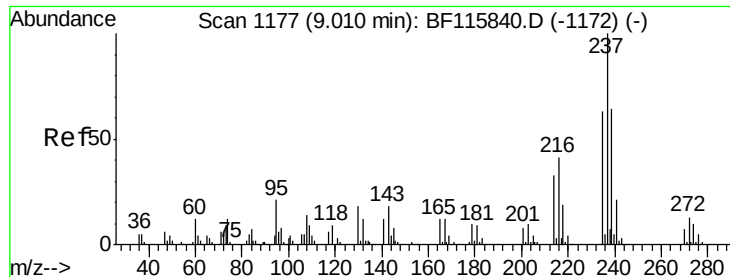
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





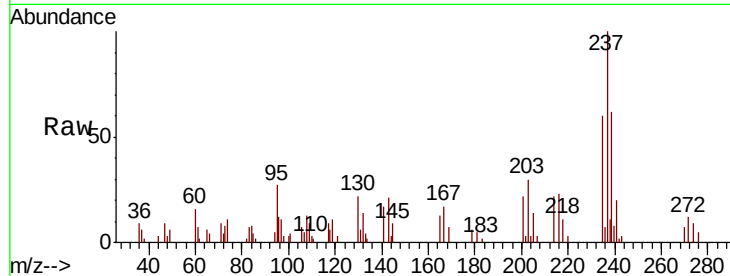
#41
Hexachlorocyclopentadiene
Concen: 4.000 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

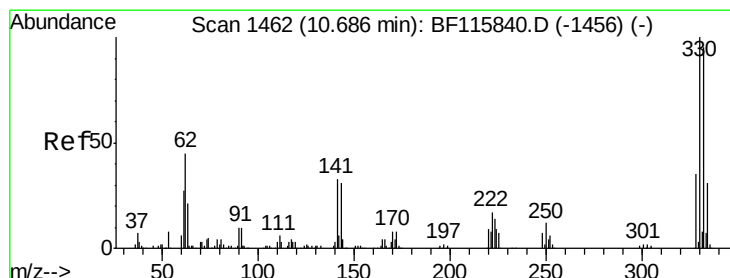
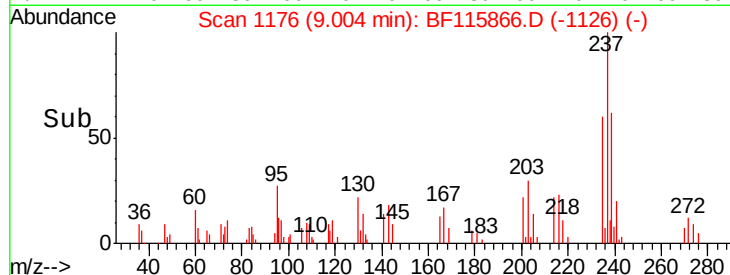
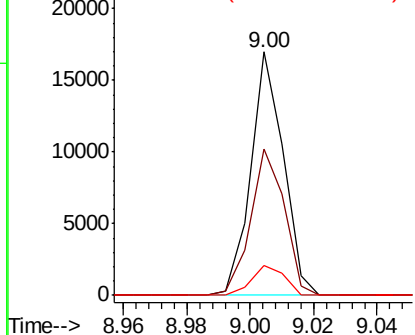
Tot Ion:	237	Resp:	12110
Ion Ratio	Lower	Upper	
237	100		
235	60.3	42.5	82.5
272	12.2	0.0	33.3

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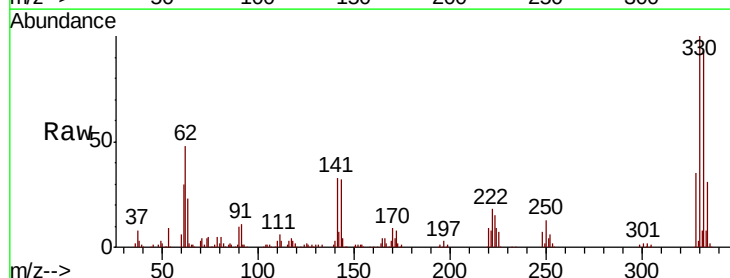


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

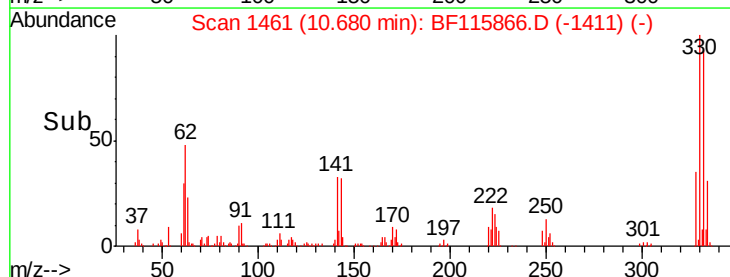
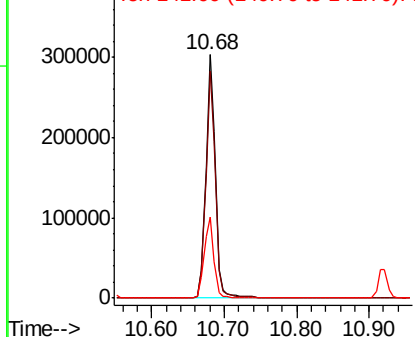


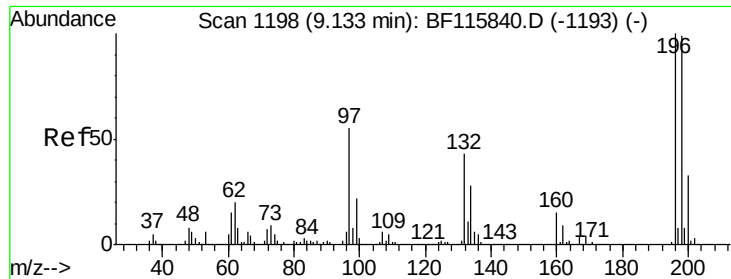
#42
2,4,6-Tribromophenol
Concen: 98.959 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion:	330	Resp:	277953
Ion Ratio	Lower	Upper	
330	100		
332	94.0	77.7	116.5
141	34.0	28.1	42.1



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





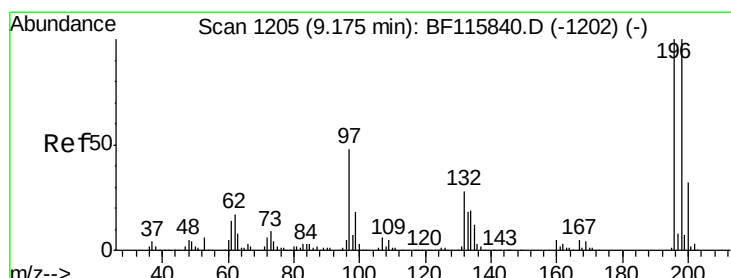
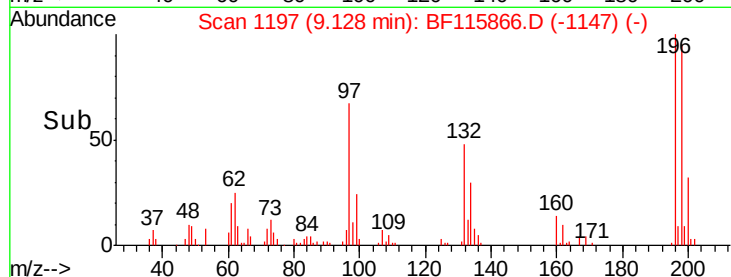
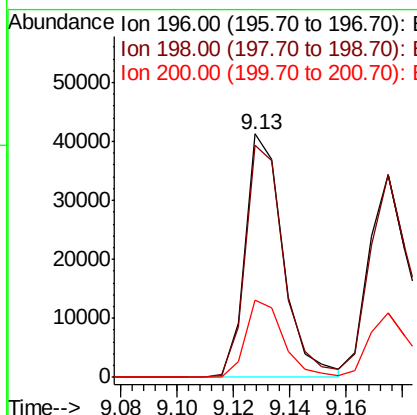
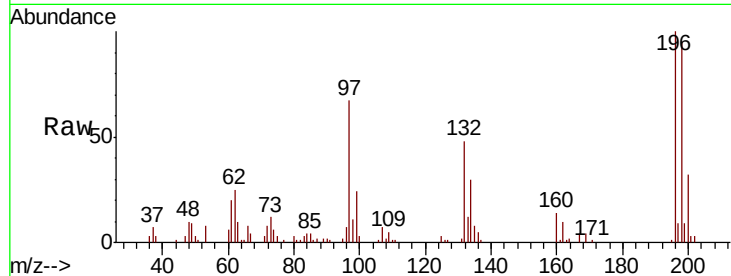
#43
 2,4,6-Trichlorophenol
 Concen: 7.210 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion:	196	Resp:	38438
Ion Ratio	Lower	Upper	
196	100		
198	95.1	79.1	118.7
200	31.6	26.0	39.0

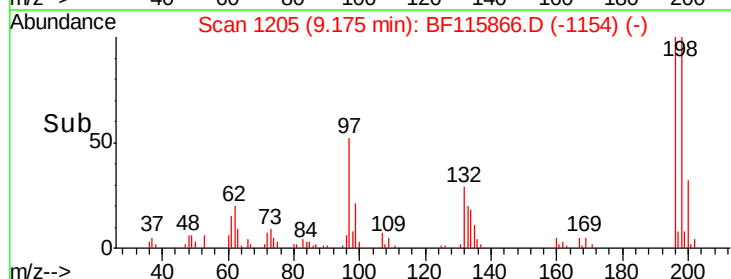
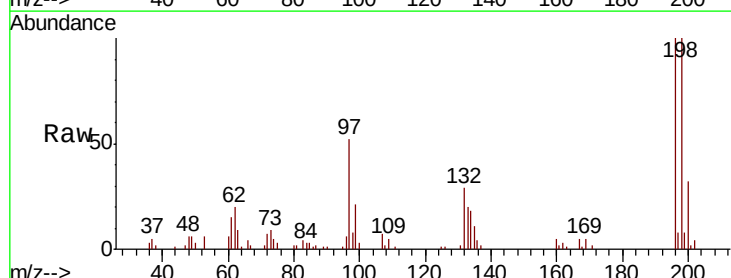
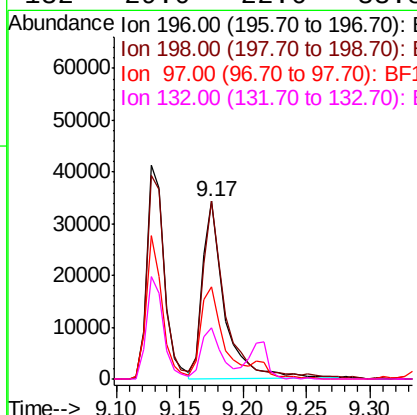
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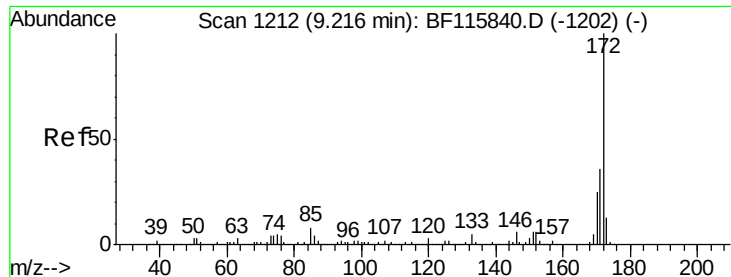
mohammad
 8/1/2019 5:06:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 7.382 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion:	196	Resp:	40678
Ion Ratio	Lower	Upper	
196	100		
198	100.0	80.1	120.1
97	51.9	38.9	58.3
132	29.0	22.6	33.8





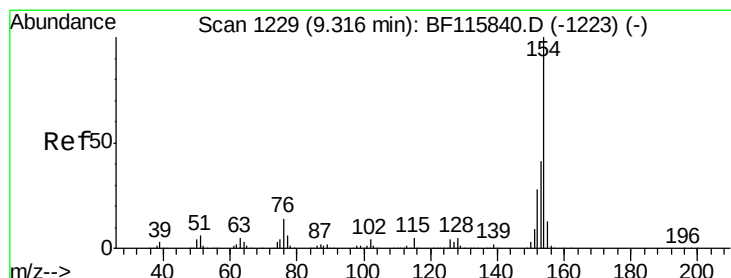
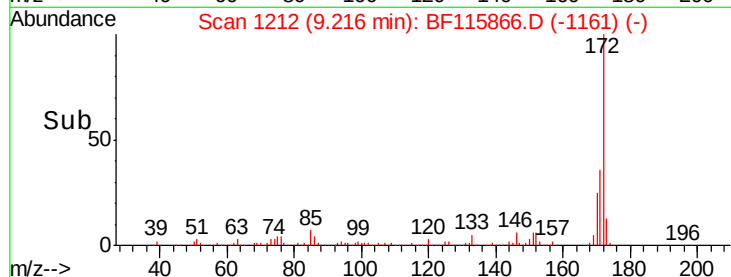
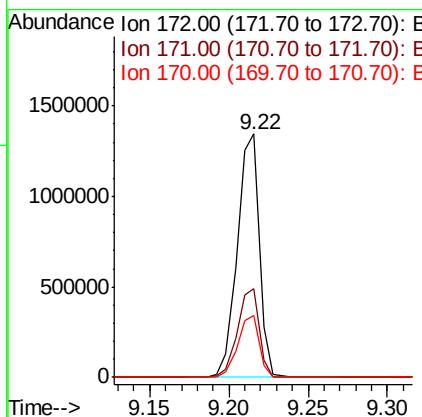
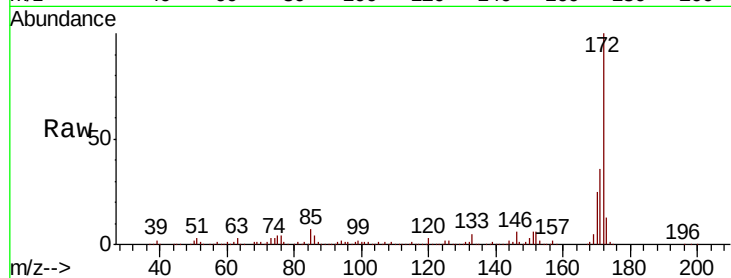
#45
2-Fluorobiphenyl
Concen: 83.625 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.3	20.1	30.1

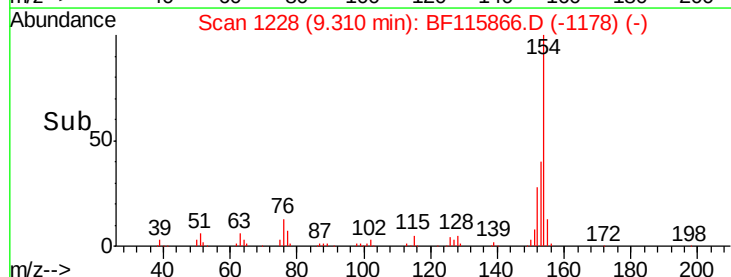
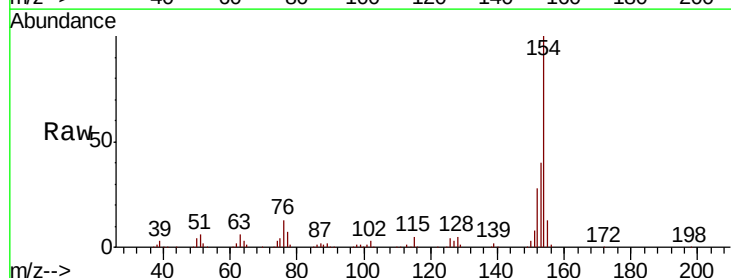
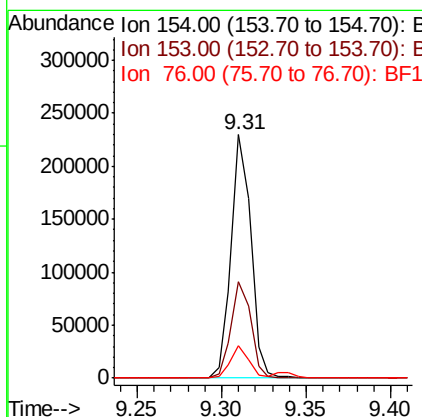
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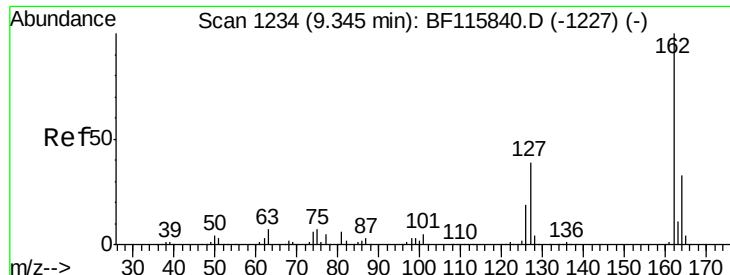
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#46
1,1'-Biphenyl
Concen: 9.162 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.9	60.9
76	13.2	0.0	34.3





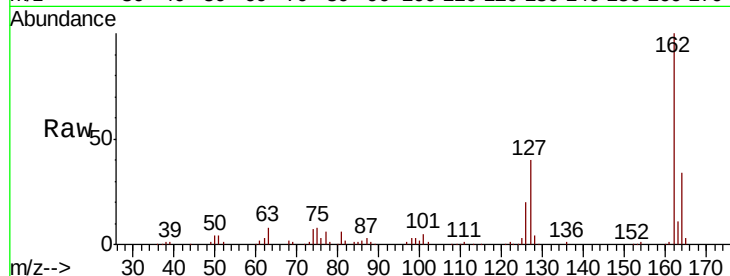
#47
2-Chloronaphthalene
Concen: 8.251 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

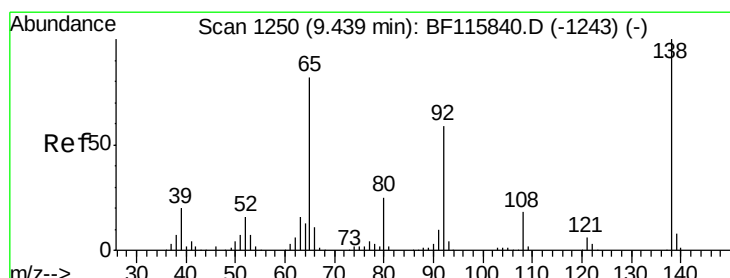
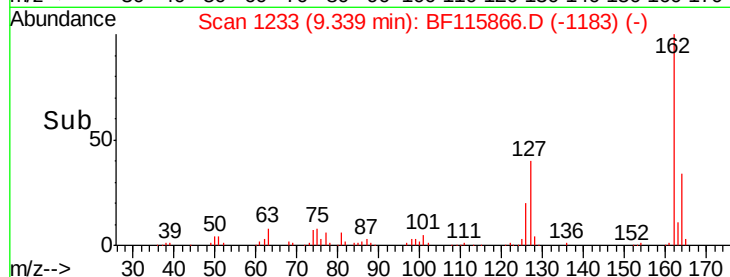
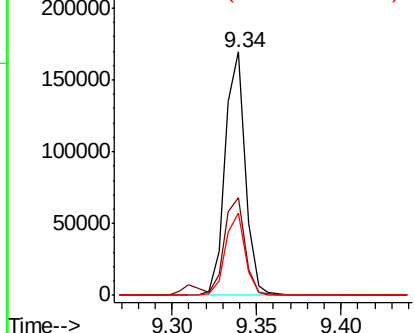
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	31.3	46.9
164	33.8	26.6	40.0

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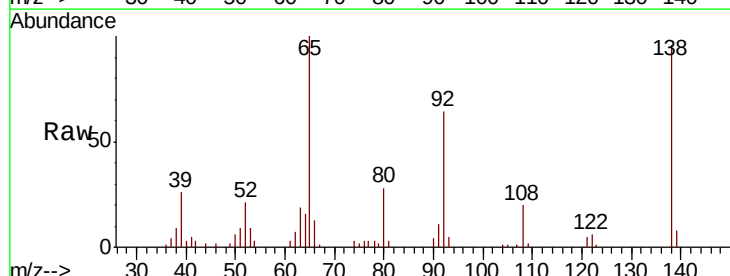


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

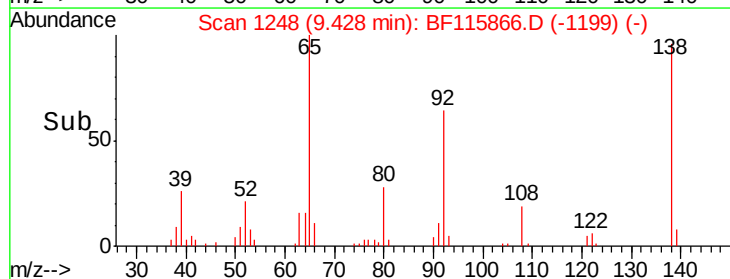
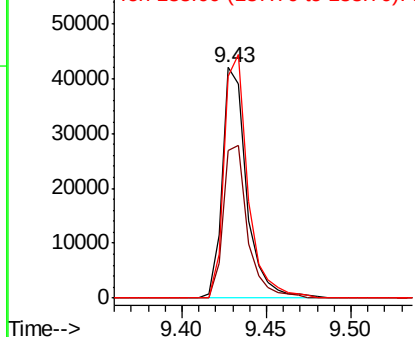


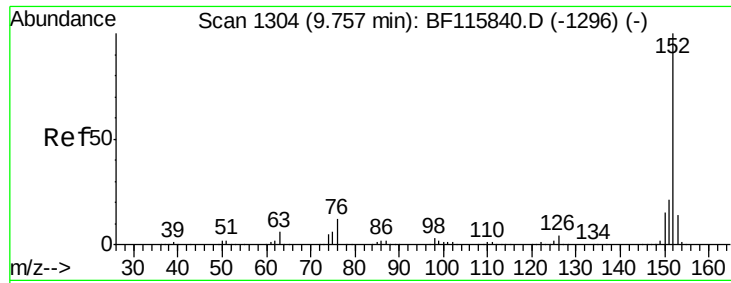
#48
2-Nitroaniline
Concen: 7.508 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.1	57.1	85.7
138	96.5	97.1	145.7#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.147 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

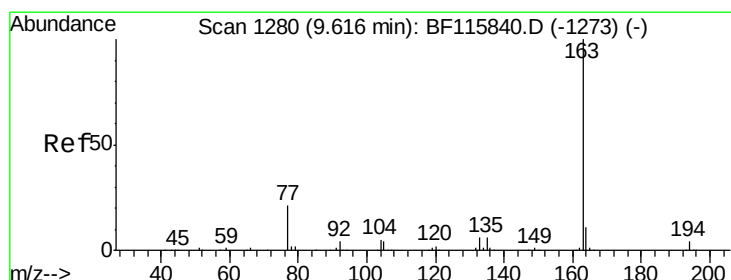
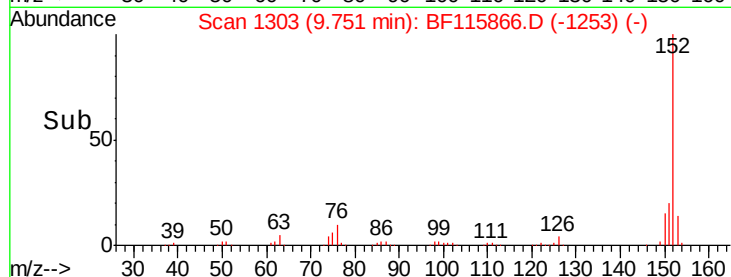
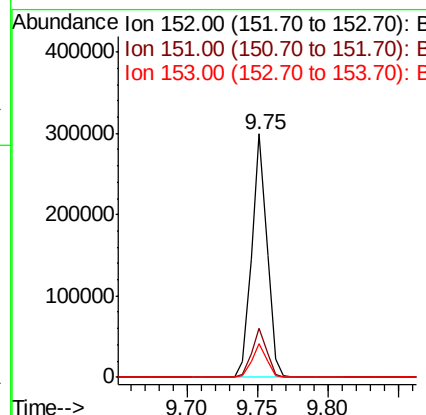
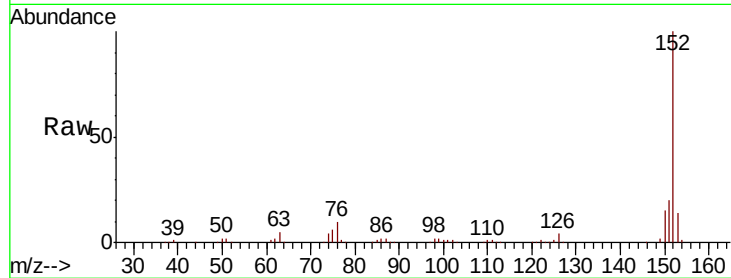
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	152	Resp:	227175
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	13.7	11.6	17.4

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#50

Dimethylphthalate

Concen: 7.895 ng

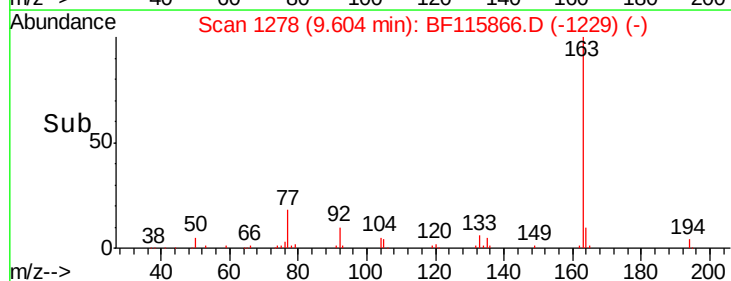
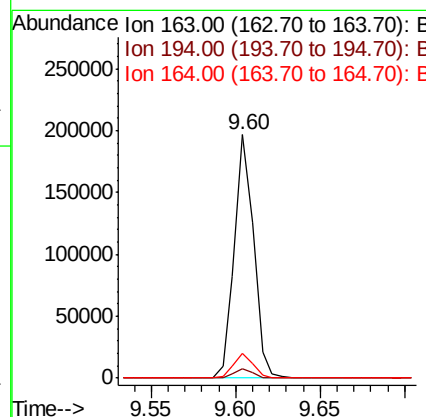
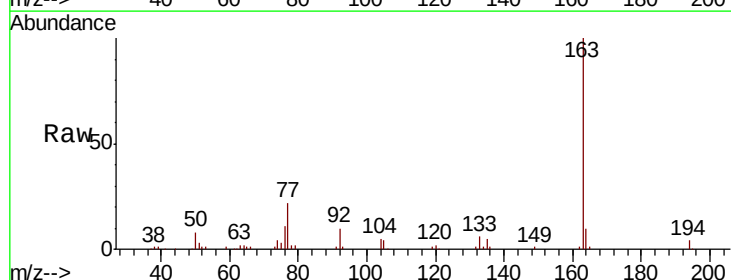
RT: 9.60 min Scan# 1278

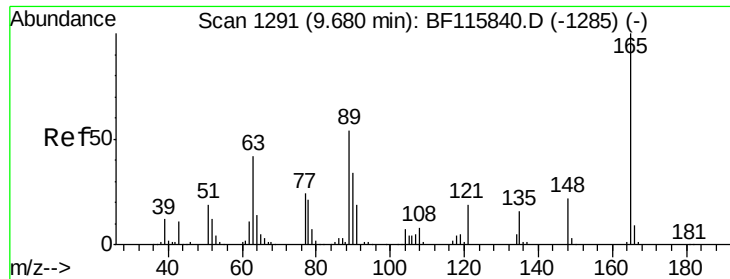
Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	163	Resp:	155742
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	9.9	8.4	12.6





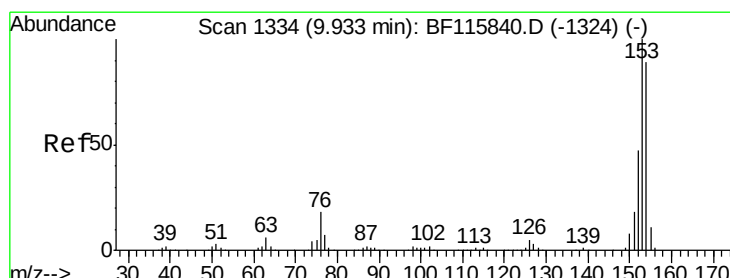
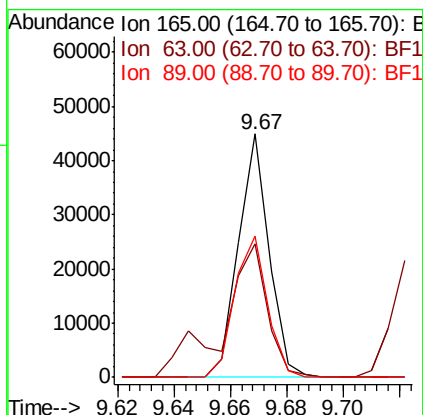
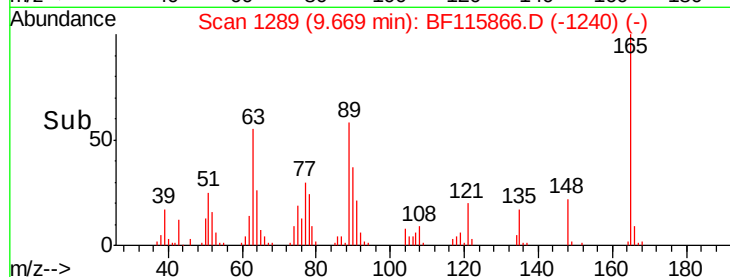
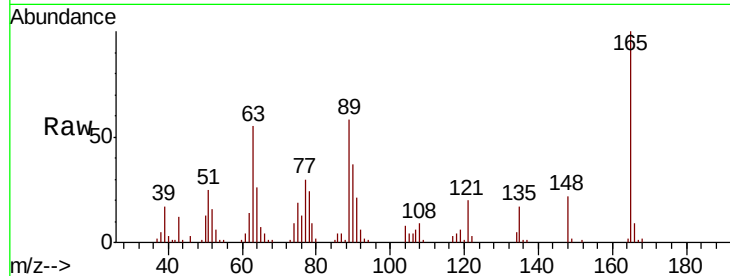
#51
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion:	165	Resp:	33800
Ion Ratio	Lower	Upper	
165	100		
63	54.8	39.4	59.2
89	57.9	43.0	64.6

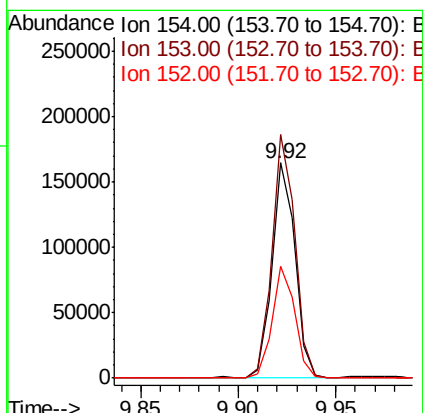
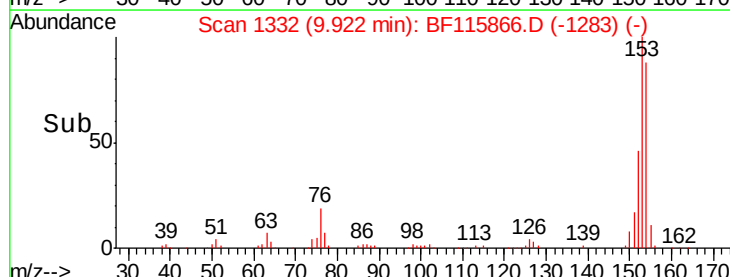
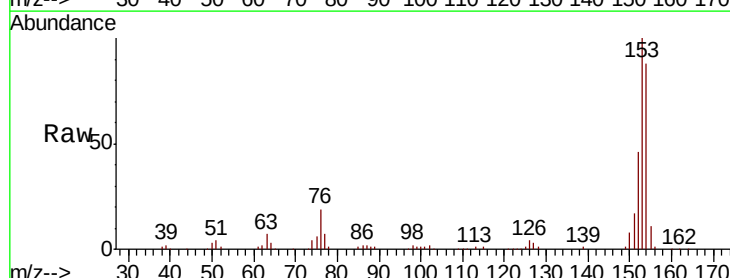
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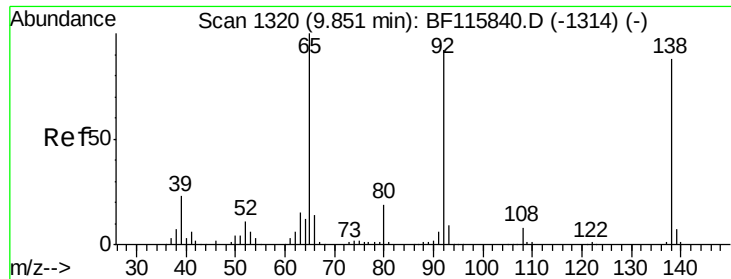
mohammad
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#52
 Acenaphthene
 Concen: 8.881 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion:	154	Resp:	135304
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	51.7	42.6	63.8





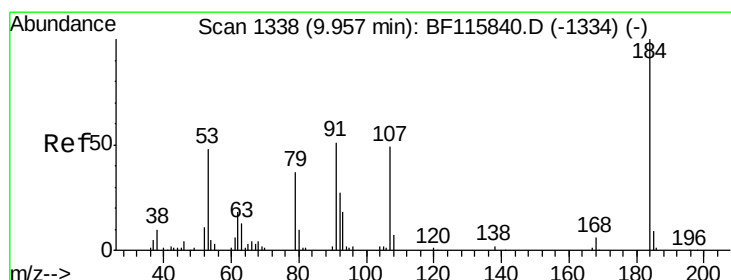
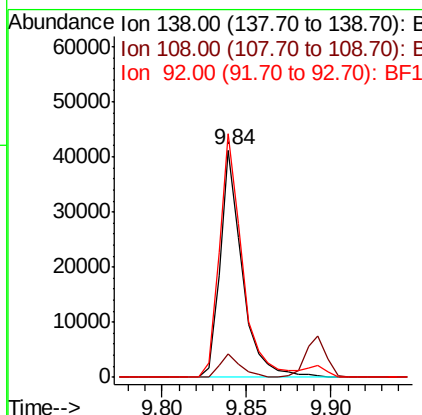
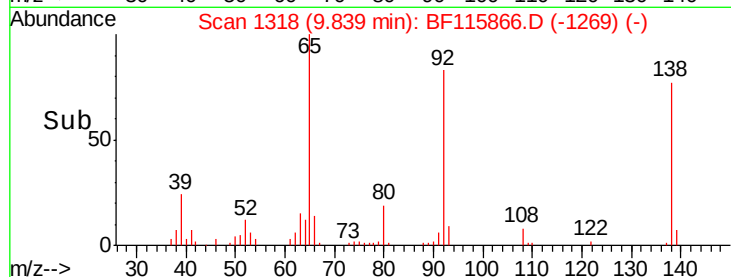
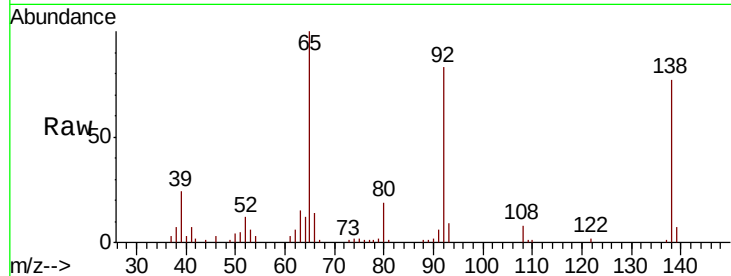
#53
3-Nitroaniline
Concen: 7.102 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion:138 Resp: 37620
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 107.0 83.9 125.9

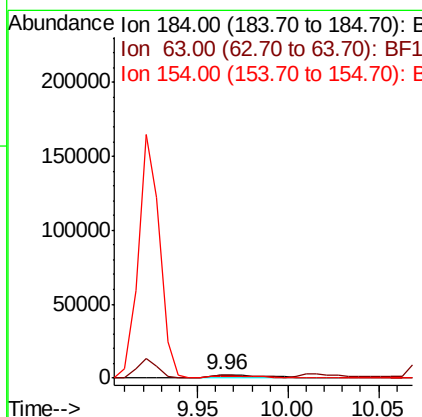
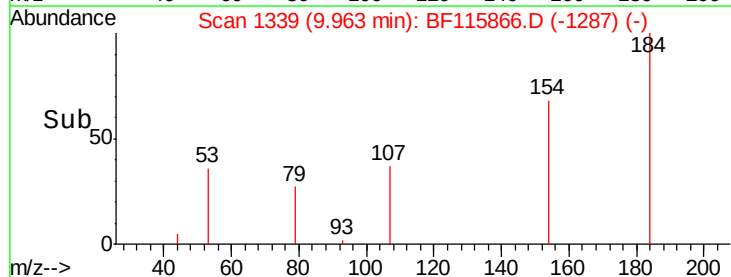
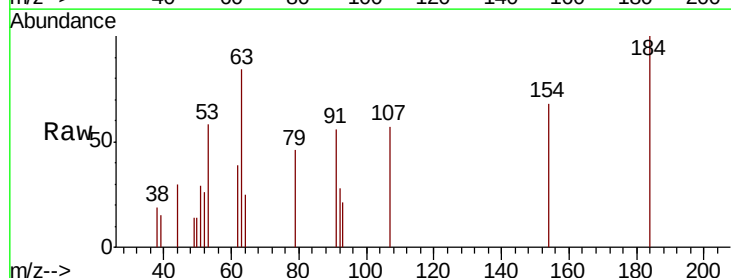
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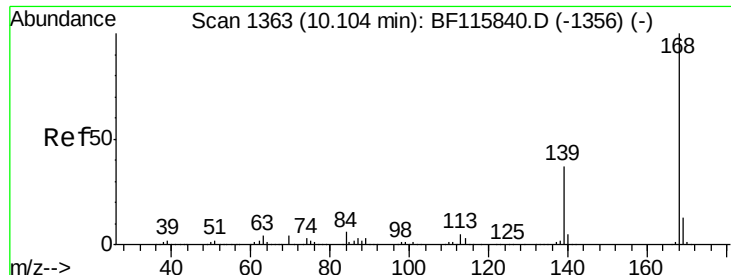
mohammad
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#54
2,4-Dinitrophenol
Concen: 2.404 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion:184 Resp: 4376
Ion Ratio Lower Upper
184 100
63 84.0 56.7 85.1
154 68.3 51.9 77.9





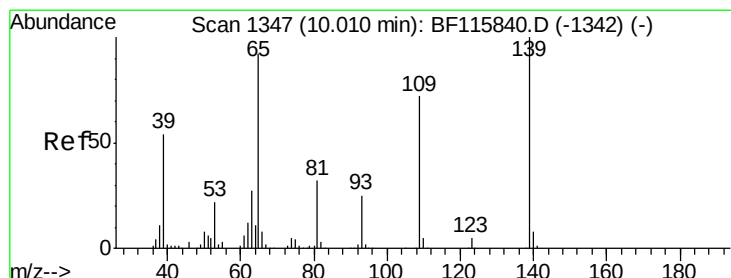
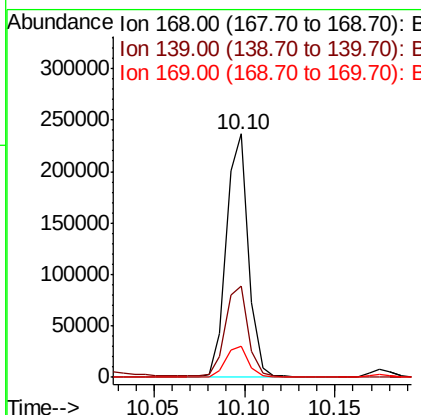
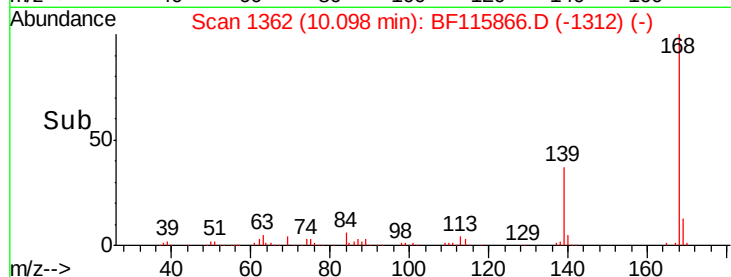
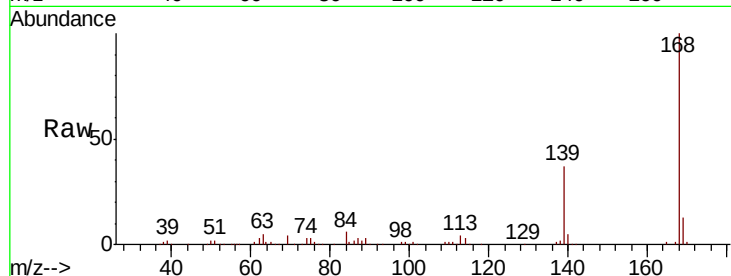
#55
Dibenzenofuran
Concen: 9.080 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion:	168	Resp:	201174
Ion Ratio	Lower	Upper	
168	100		
139	37.4	30.2	45.2
169	12.7	10.8	16.2

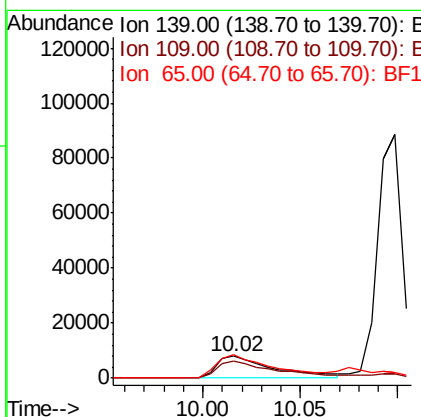
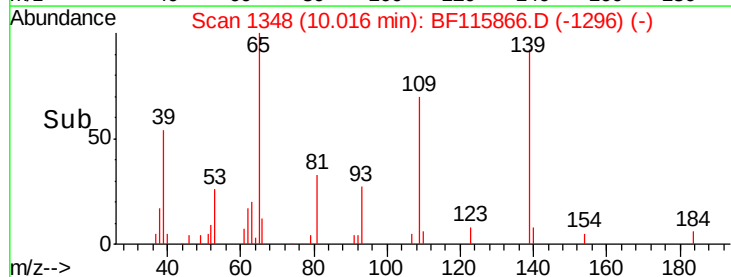
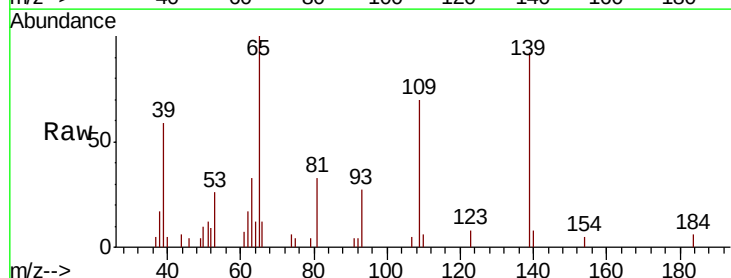
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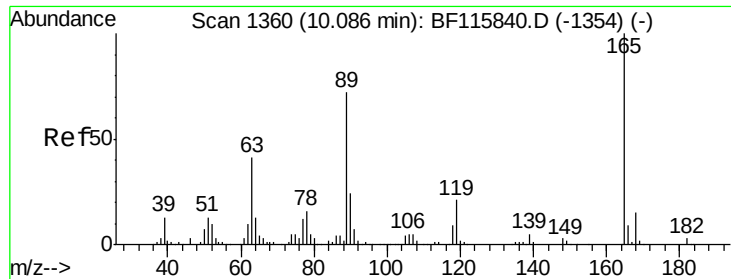
mohammad
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#56
4-Nitrophenol
Concen: 4.839 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion:	139	Resp:	16418
Ion Ratio	Lower	Upper	
139	100		
109	75.7	52.0	92.0
65	108.3	72.6	112.6





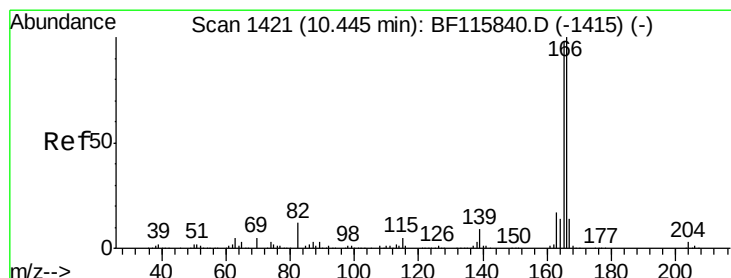
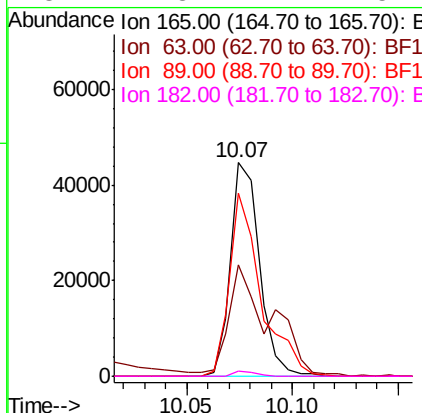
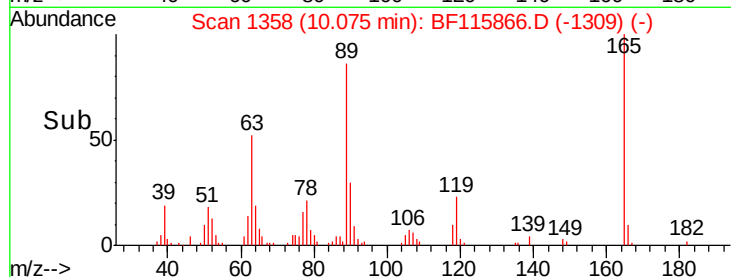
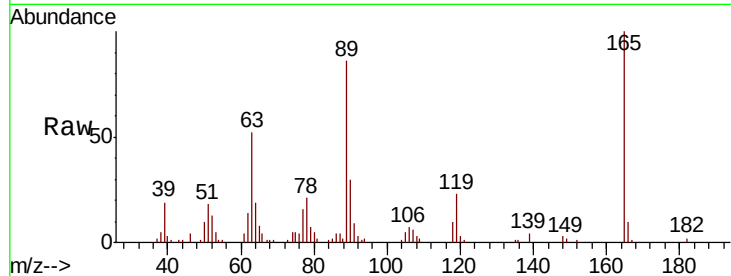
#57
2,4-Dinitrotoluene
Concen: 7.431 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	42413		
63	52.2		33.2	49.8#
89	85.8		57.3	85.9
182	2.3		2.1	3.1

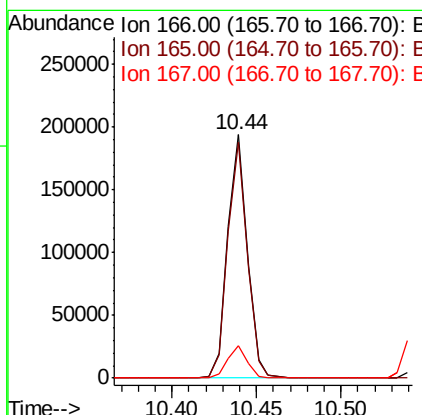
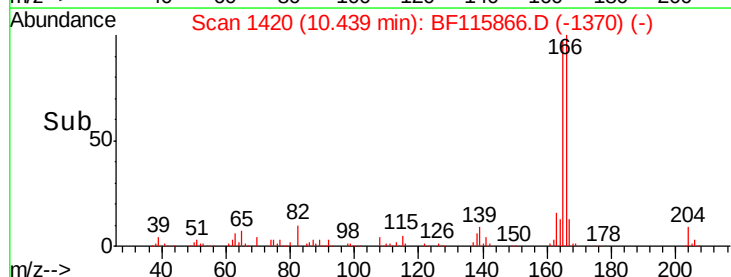
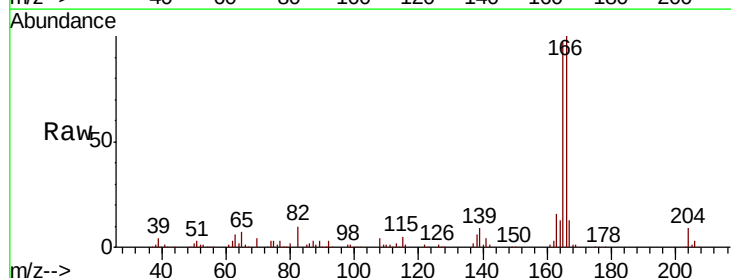
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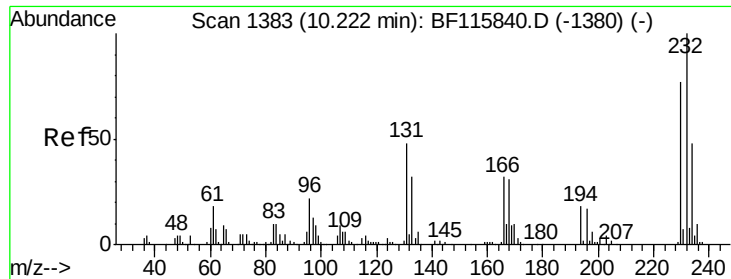
mohammad
8/1/2019 5:06:34 PM



#58
Fluorene
Concen: 9.188 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	156632		
165	96.7		78.6	118.0
167	13.3		10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.729 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

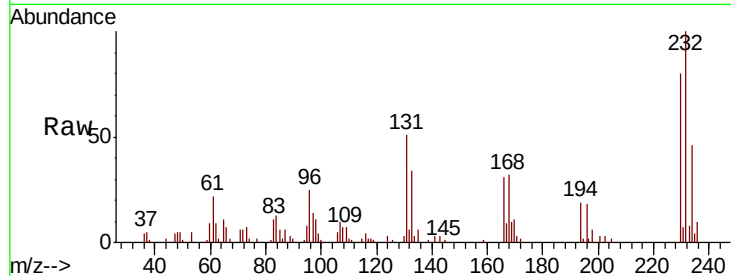
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	232	Resp:	35835
Ion Ratio	Lower	Upper	
232	100		
131	46.3	37.6	56.4
130	2.2	1.8	2.8
166	29.5	24.6	37.0

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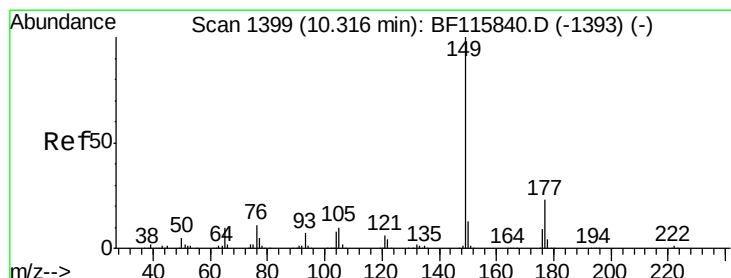
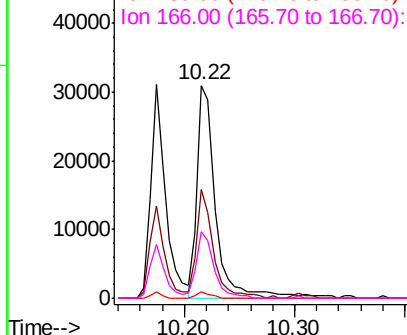
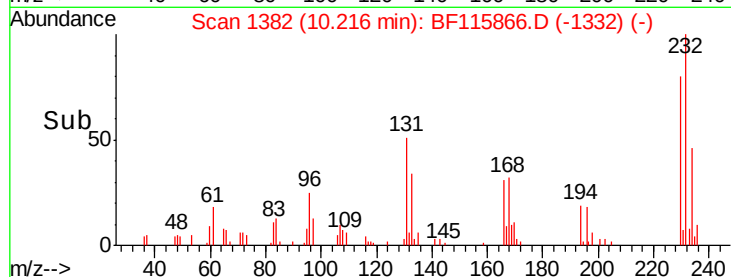
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 8.009 ng

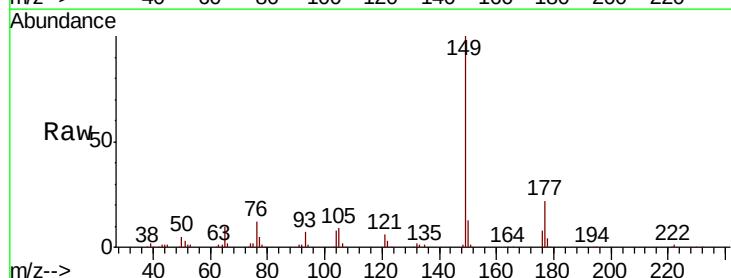
RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	149	Resp:	147490
Ion Ratio	Lower	Upper	
149	100		
177	21.6	18.4	27.6
150	12.9	10.1	15.1

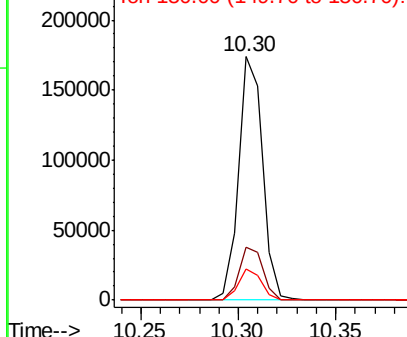
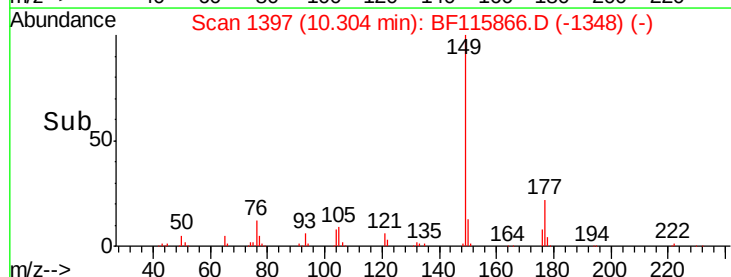


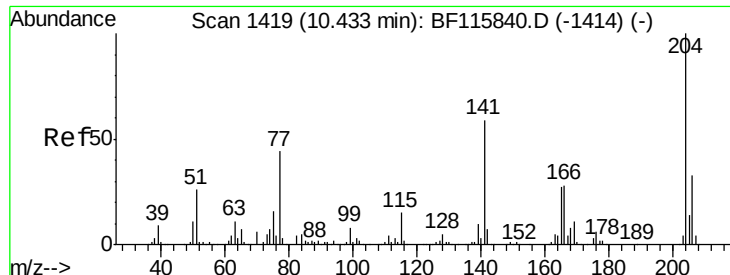
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





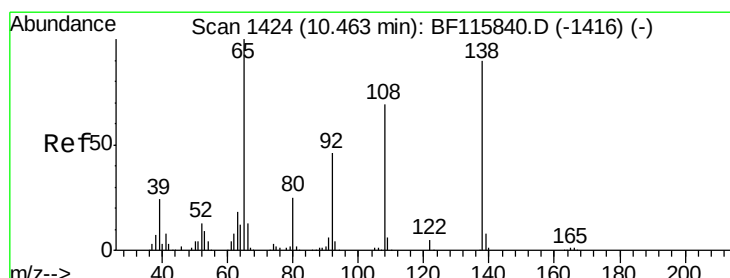
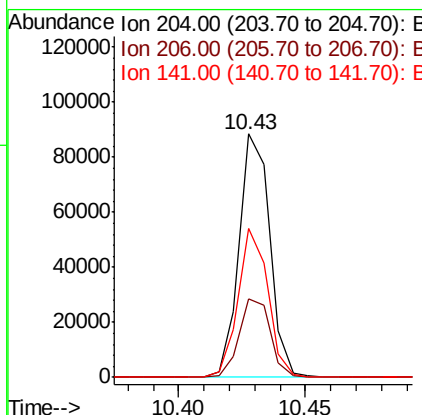
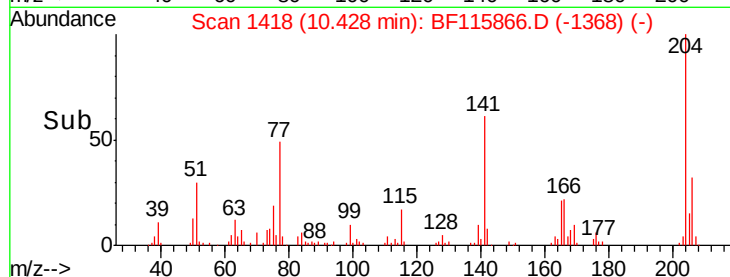
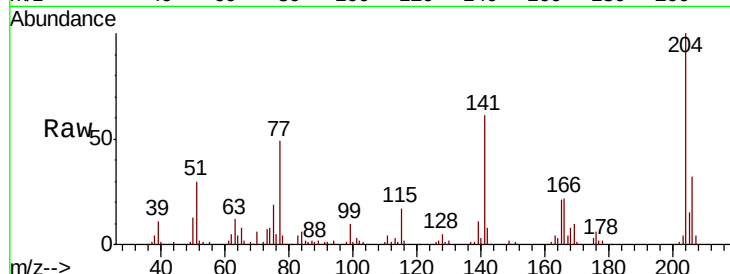
#61
4-Chlorophenyl-phenylether
Concen: 8.618 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.4	39.6
141	61.1	47.0	70.4

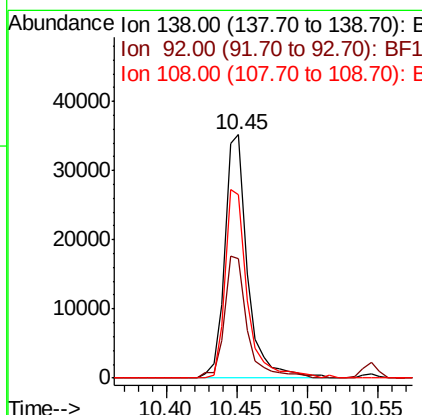
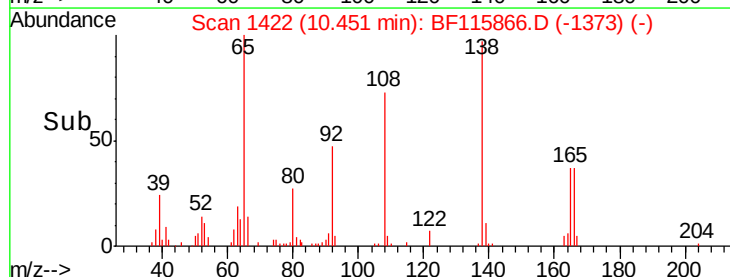
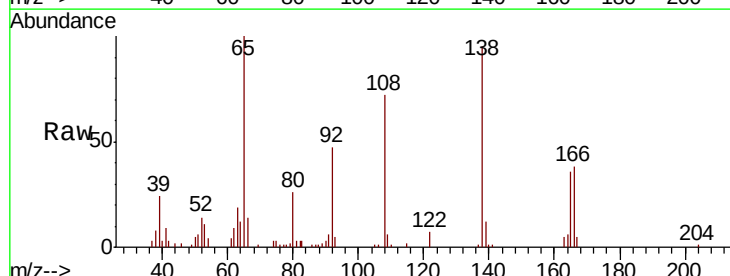
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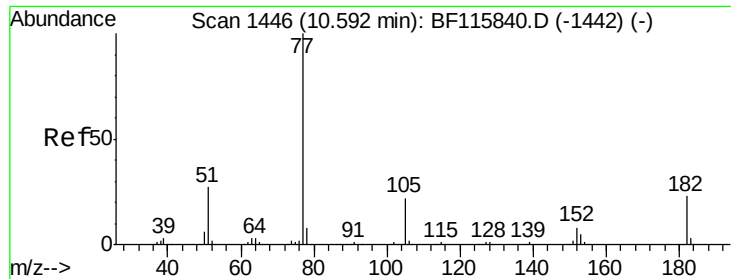
mohammad
8/1/2019 5:06:34 PM



#62
4-Nitroaniline
Concen: 7.239 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.0	71.0
108	75.4	56.7	96.7





#63

Azobenzene

Concen: 8.498 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

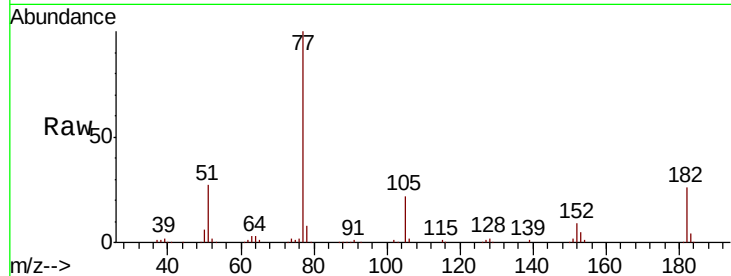
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	2.6	42.6	
105	21.7	1.6	41.6	
51	27.2	7.4	47.4	

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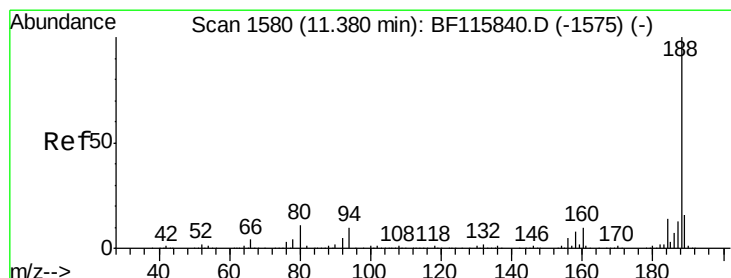
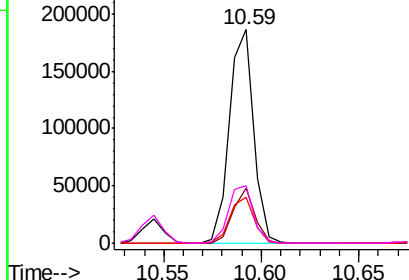
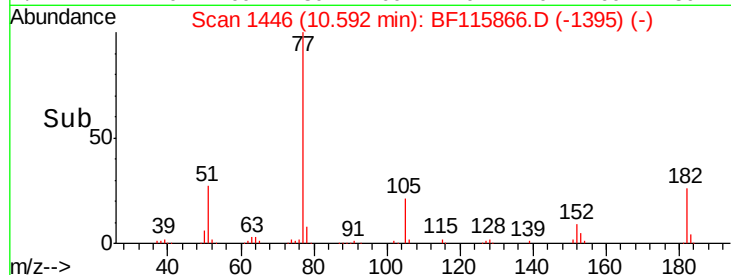


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

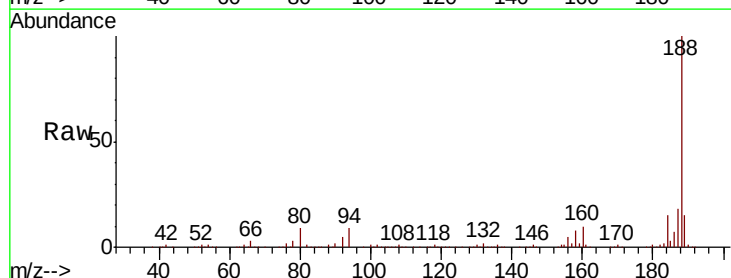
RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

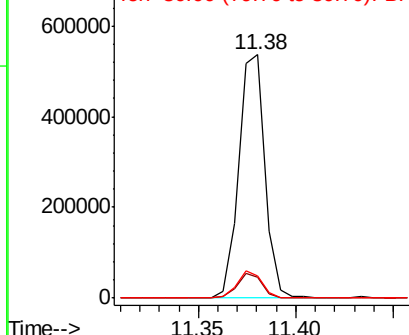
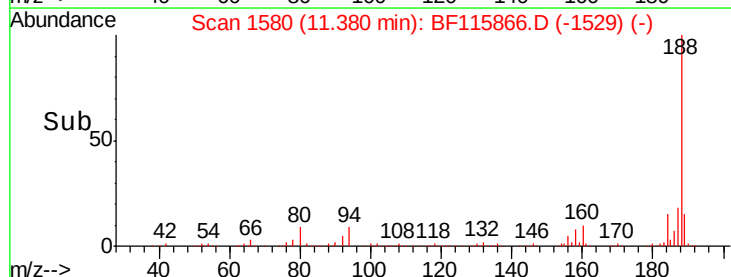
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	8.0	12.0	
80	8.9	8.6	12.8	

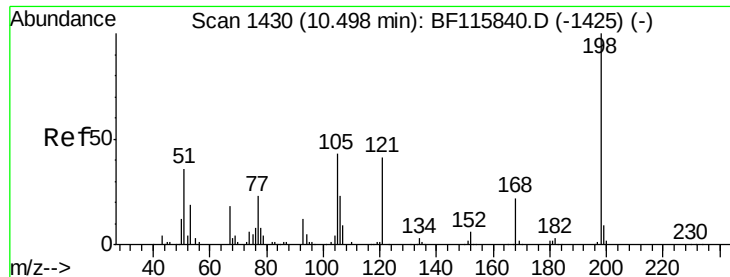


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.963 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

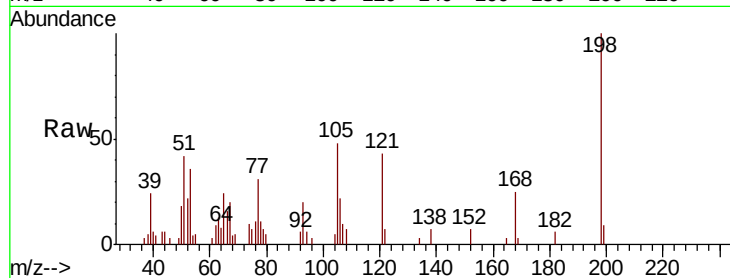
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

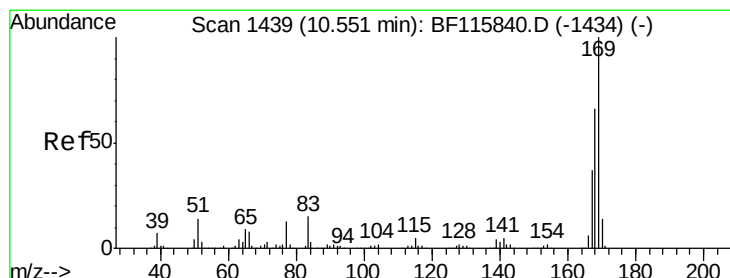
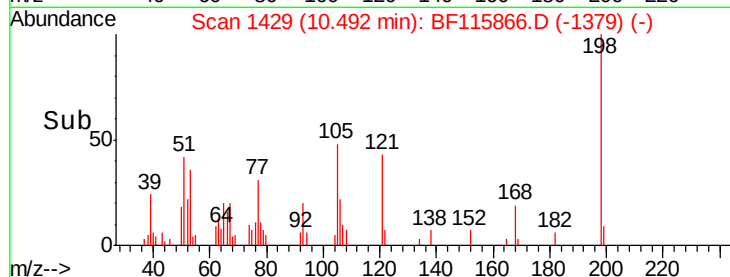
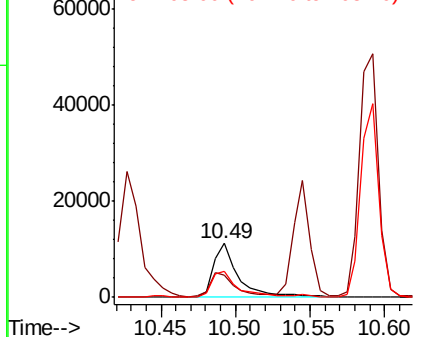
Tot Ion:	198	Resp:	13116
Ion Ratio	Lower	Upper	
198	100		
51	41.8	21.1	61.1
105	47.9	24.5	64.5

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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



#66

n-Nitrosodiphenylamine

Concen: 8.808 ng

RT: 10.55 min Scan# 1438

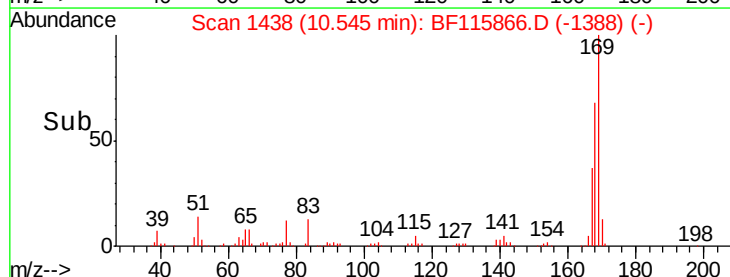
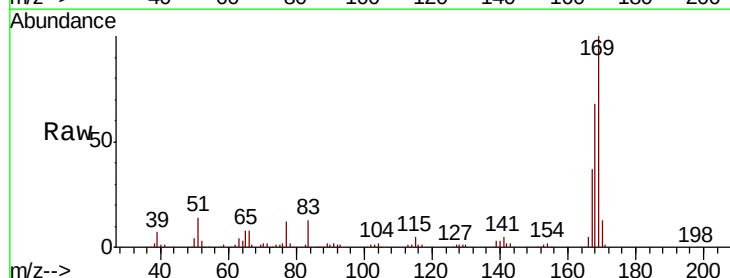
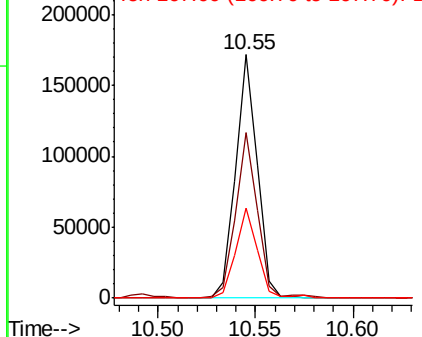
Delta R.T. -0.01 min

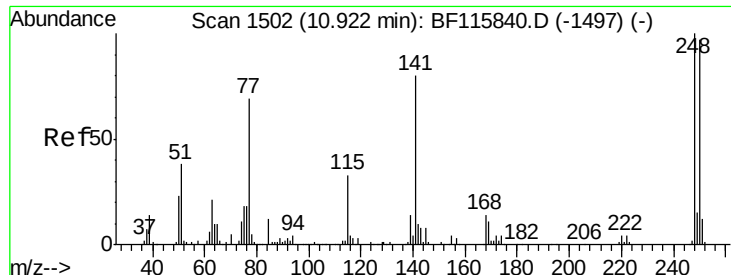
Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	169	Resp:	132217
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.0	79.6
167	36.7	29.9	44.9

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





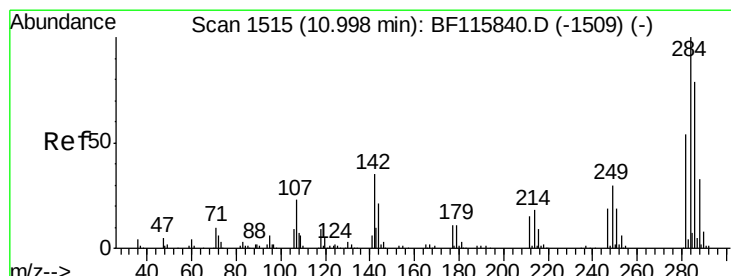
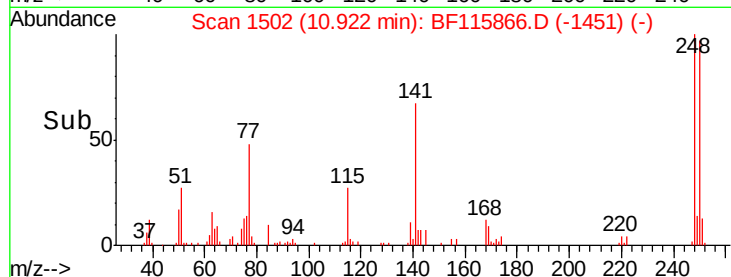
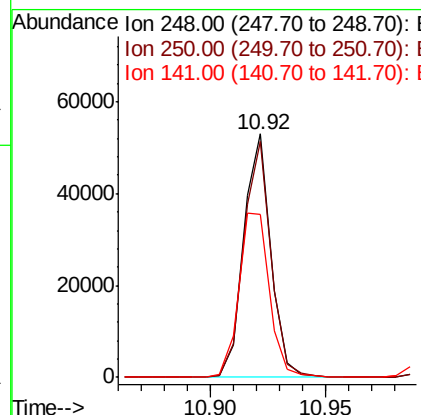
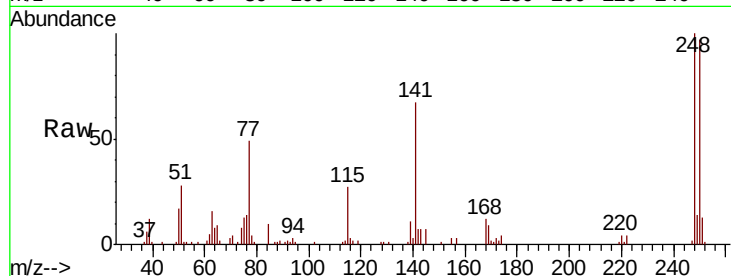
#67
 4-Bromophenyl-phenylether
 Concen: 8.138 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion:	248	Resp:	43448
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.8	116.6
141	67.2	64.3	96.5

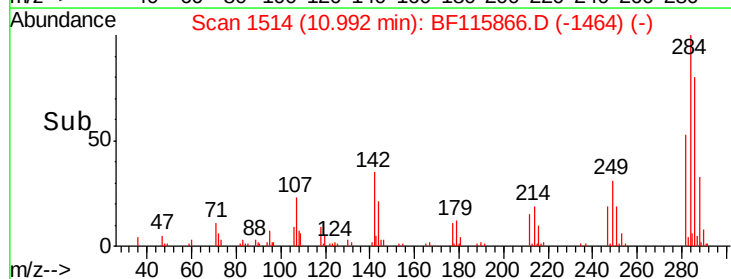
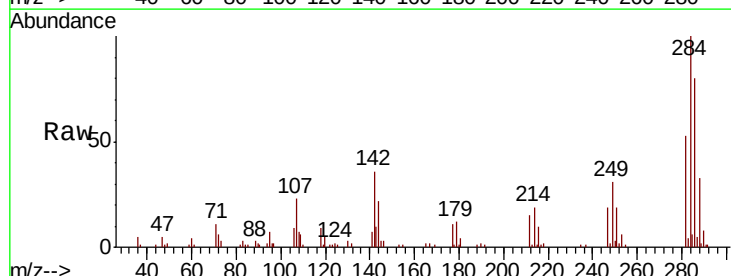
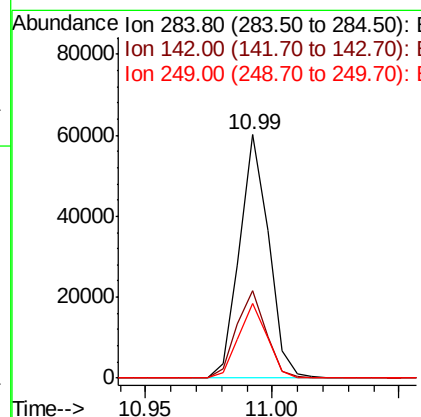
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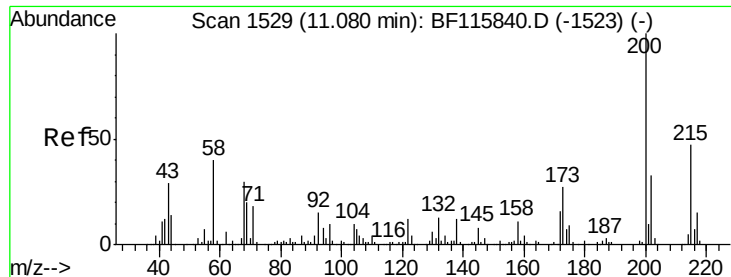
mohammad
 8/1/2019 5:06:34 PM



#68
 Hexachlorobenzene
 Concen: 7.808 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion:	284	Resp:	48202
Ion Ratio	Lower	Upper	
284	100		
142	36.0	28.2	42.2
249	30.8	24.0	36.0





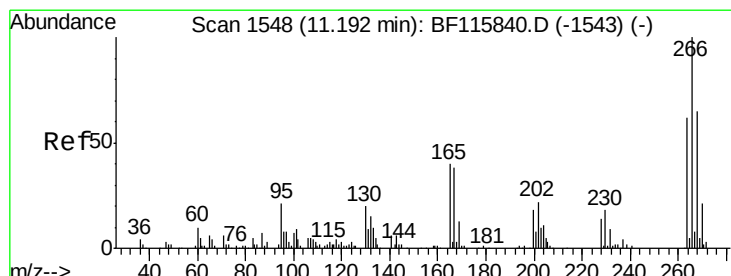
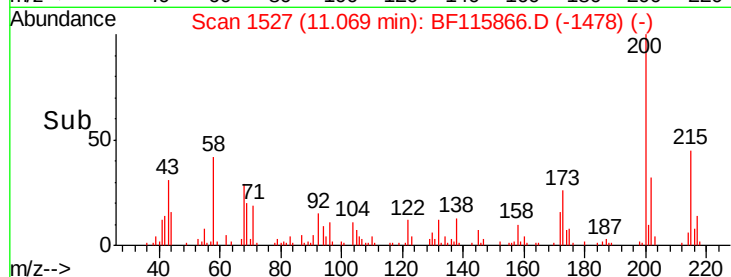
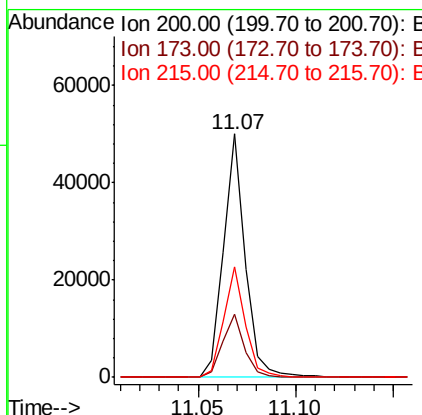
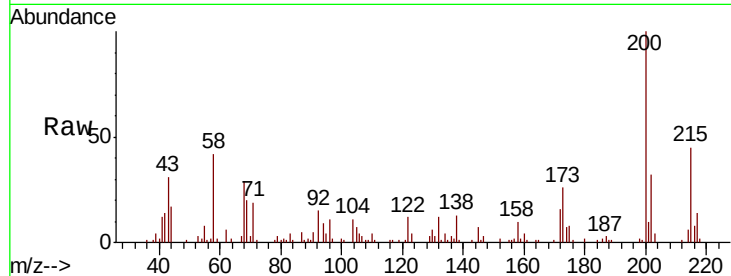
#69
Atrazine
Concen: 7.830 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	7.3	47.3
215	45.4	26.9	66.9

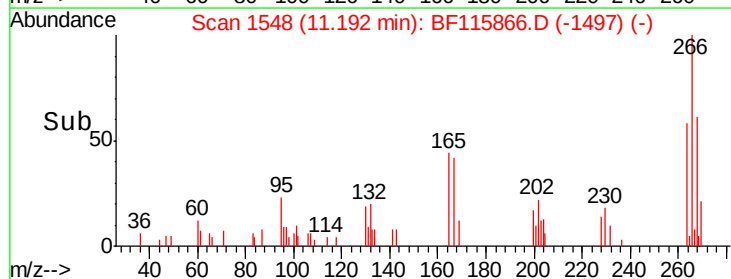
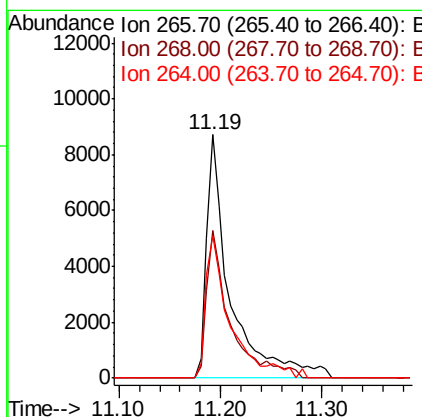
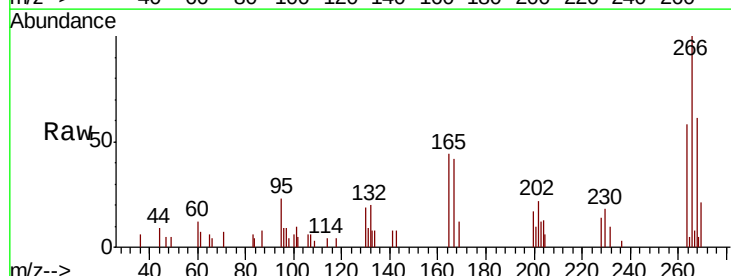
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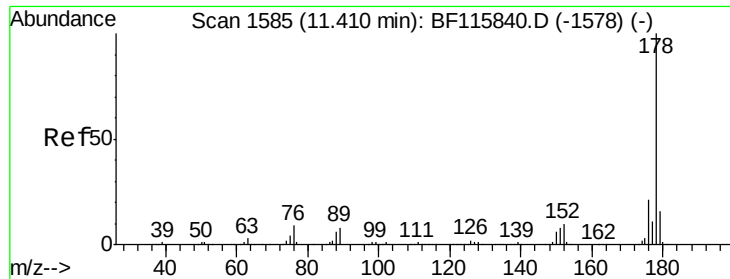
mohammad
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#70
Pentachlorophenol
Concen: 4.646 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.6	77.4
264	63.2	49.4	74.0





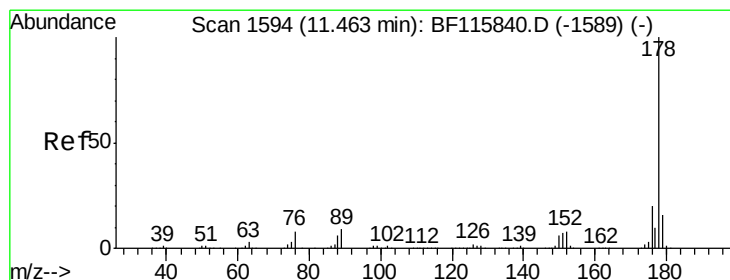
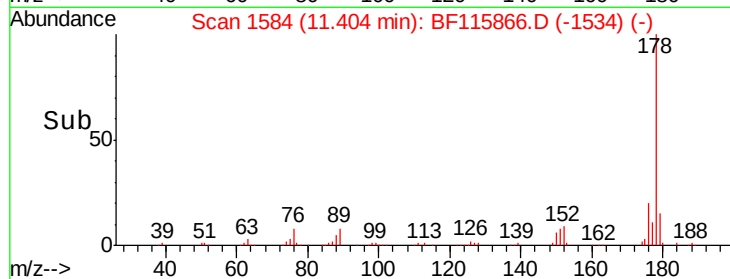
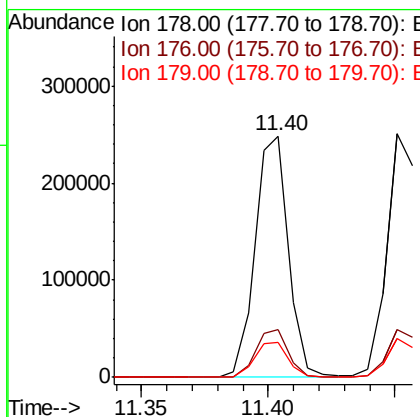
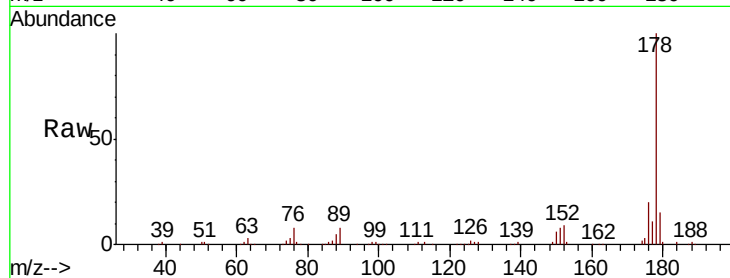
#71
Phenanthrene
Concen: 8.928 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.5	24.7
179	14.7	12.6	18.8

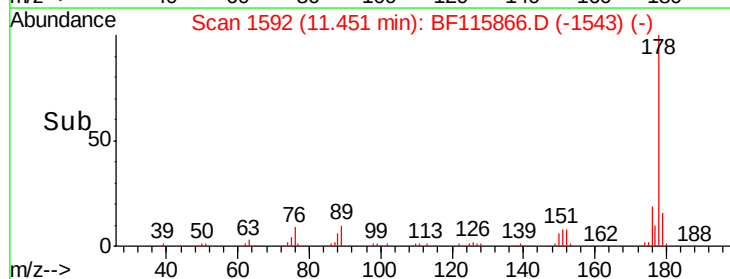
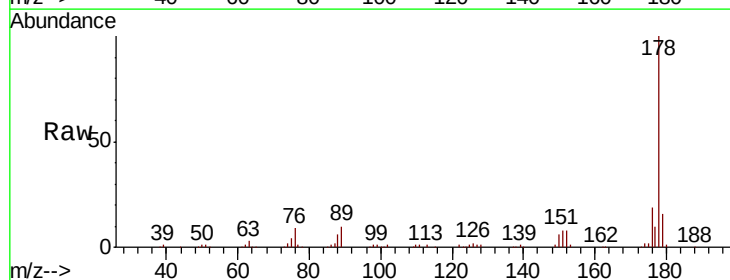
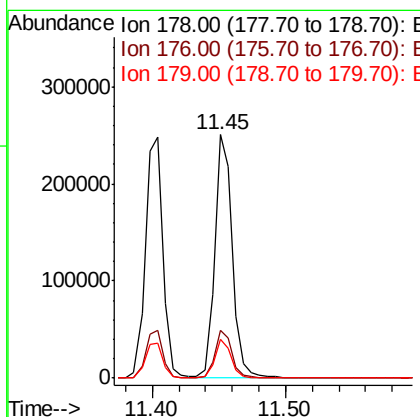
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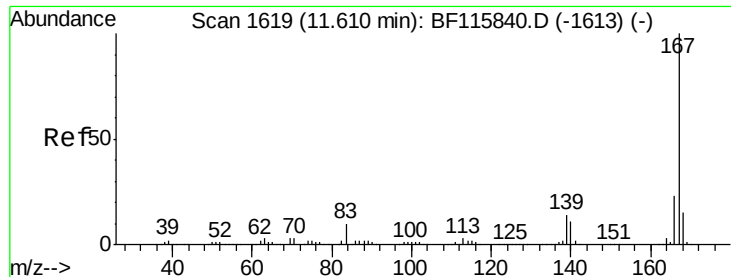
mohammad
8/1/2019 5:06:34 PM



#72
Anthracene
Concen: 9.018 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.9	12.4	18.6





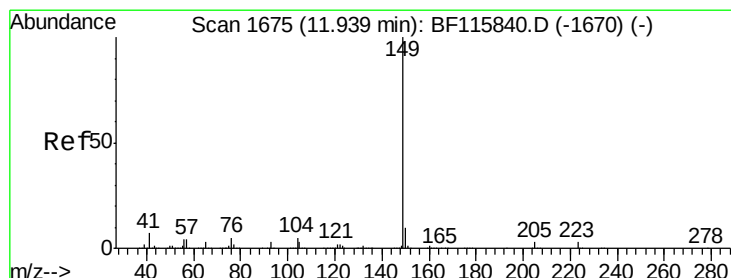
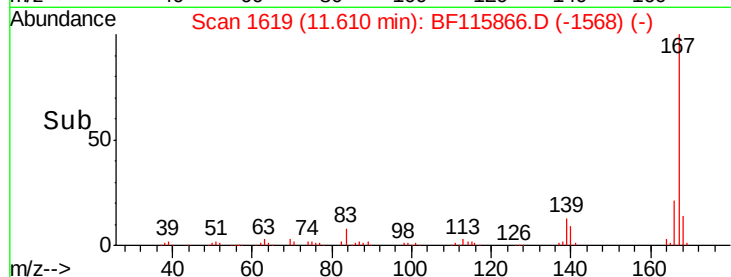
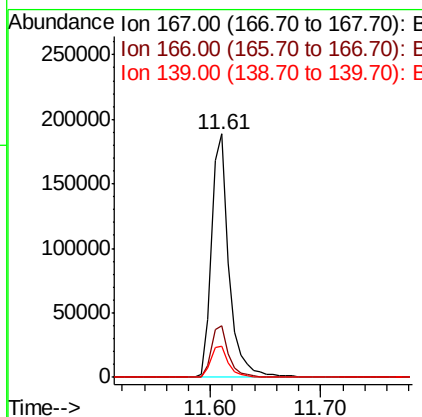
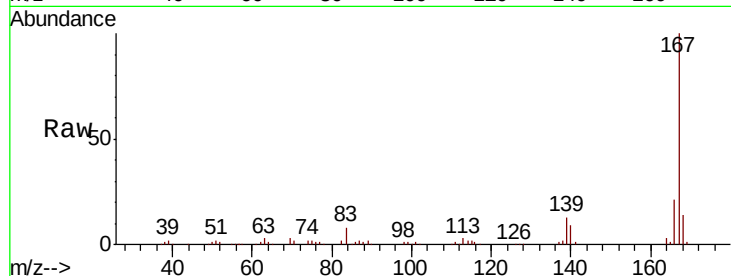
#73
 Carbazole
 Concen: 8.687 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
167	100	203359		
166	21.0		18.0	27.0
139	13.0		11.4	17.2

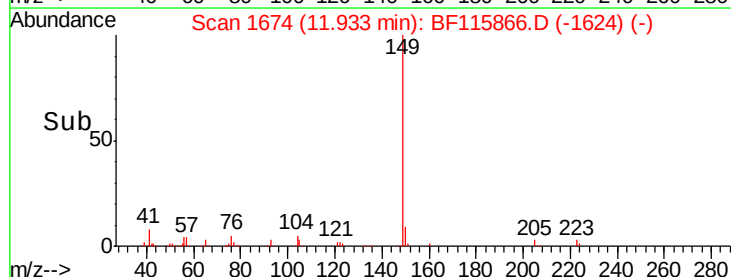
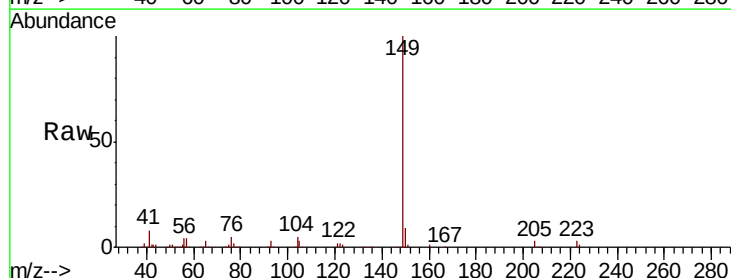
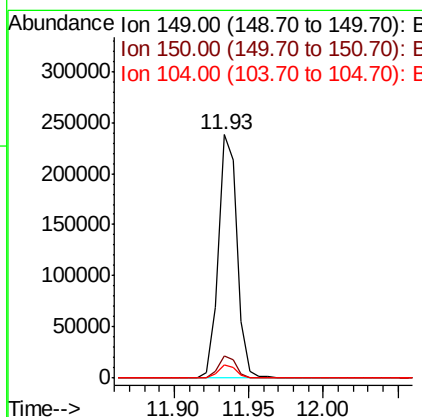
Manual Integrations
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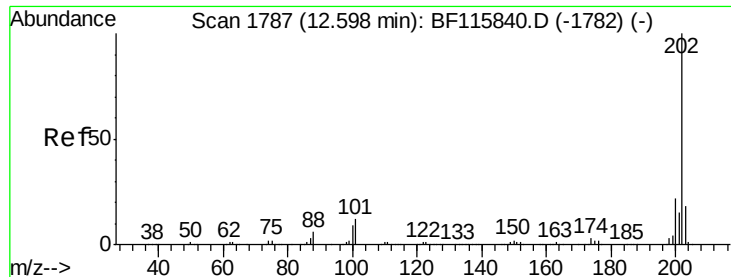
mohammad
 8/1/2019 5:06:34 PM



#74
 Di-n-butylphthalate
 Concen: 7.676 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	209605		
150	9.3		7.7	11.5
104	5.3		4.3	6.5





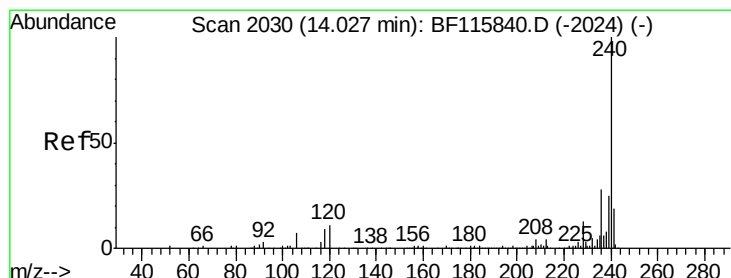
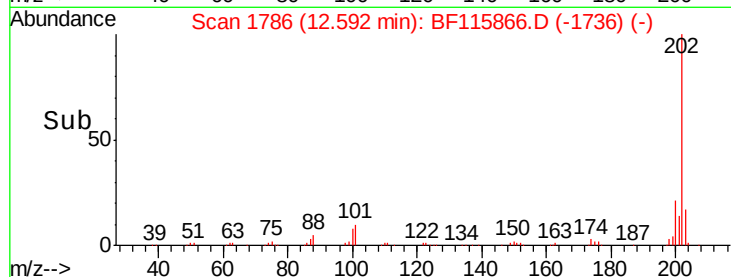
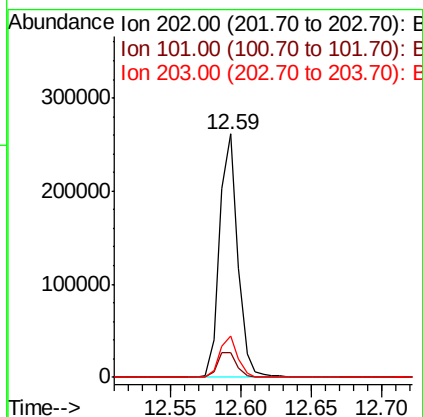
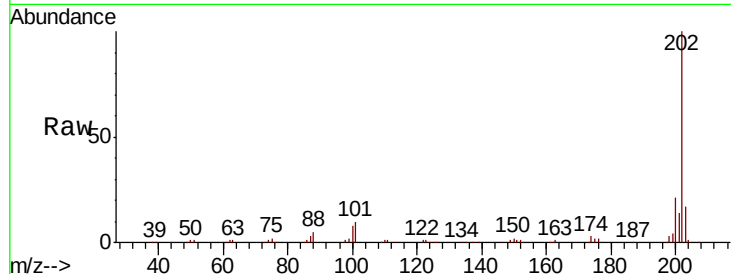
#75
Fluoranthene
Concen: 8.792 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	31.5
203	17.2	0.0	37.9

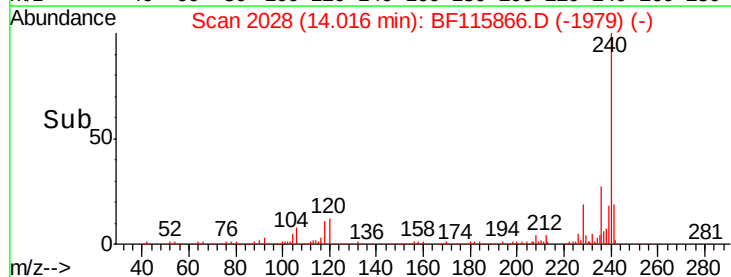
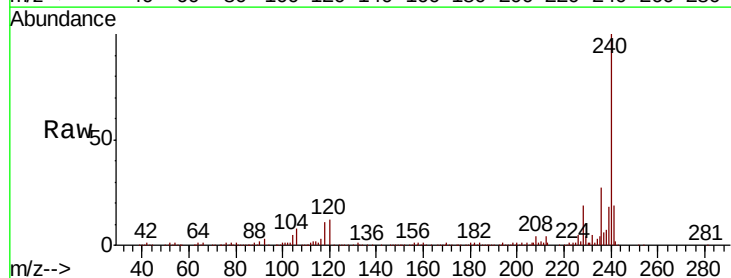
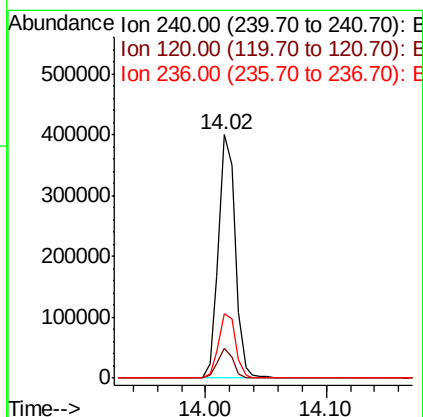
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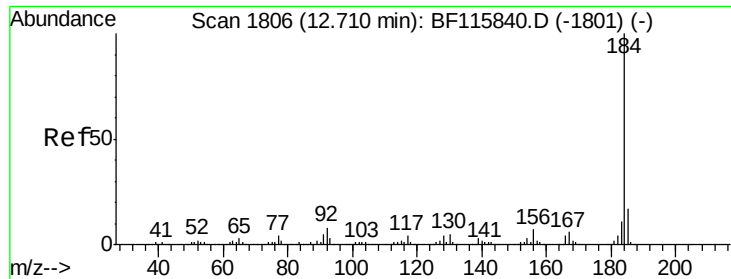
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	8.5	12.7
236	26.6	22.2	33.2





#77

Benzidine

Concen: 8.050 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

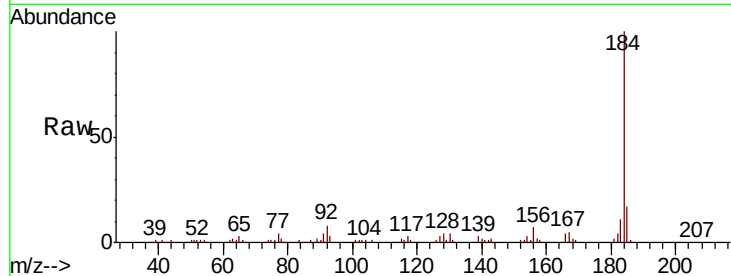
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

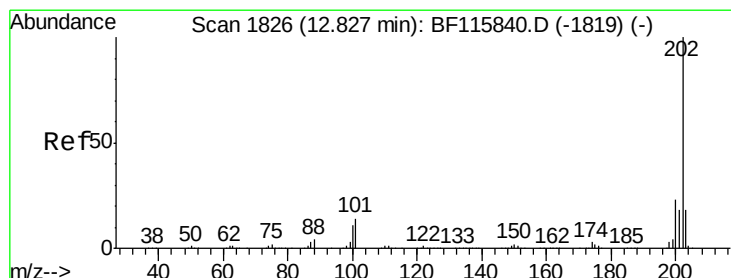
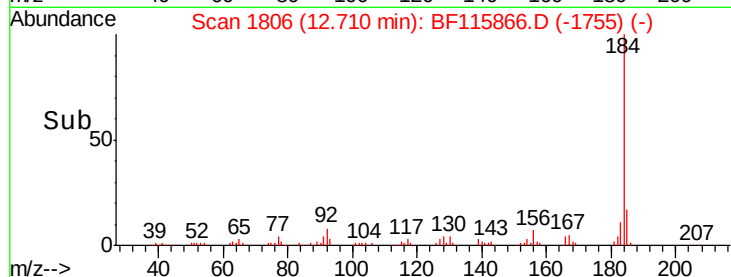
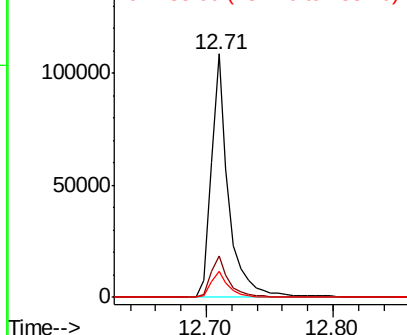
Tot Ion:	184	Resp:	103945
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.4	20.2
183	10.9	9.1	13.7

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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



#78

Pyrene

Concen: 8.401 ng

RT: 12.82 min Scan# 1825

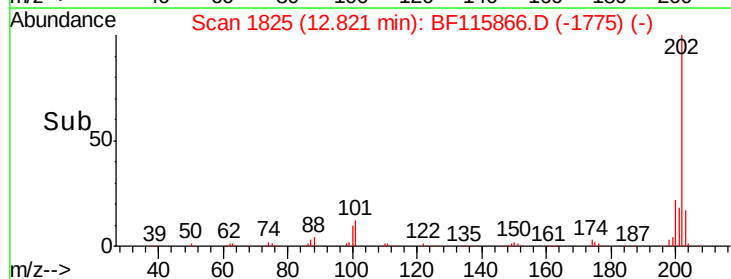
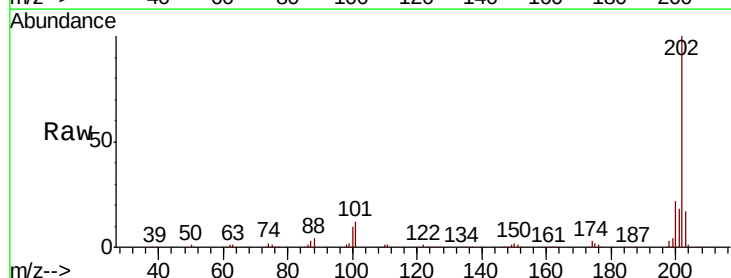
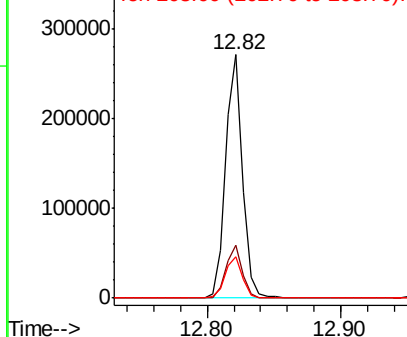
Delta R.T. -0.01 min

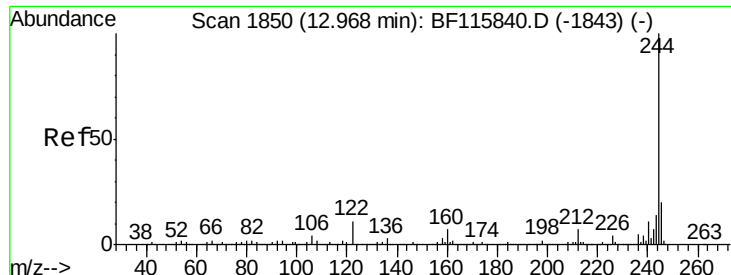
Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	202	Resp:	242041
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.2	27.2
203	17.0	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





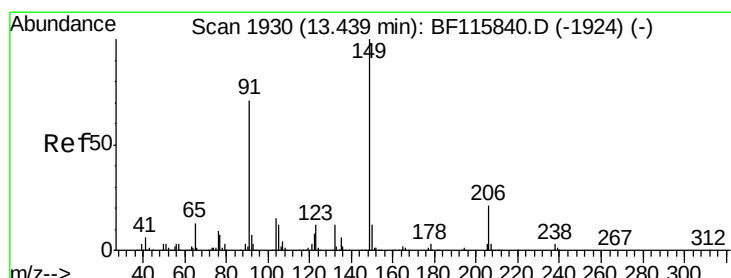
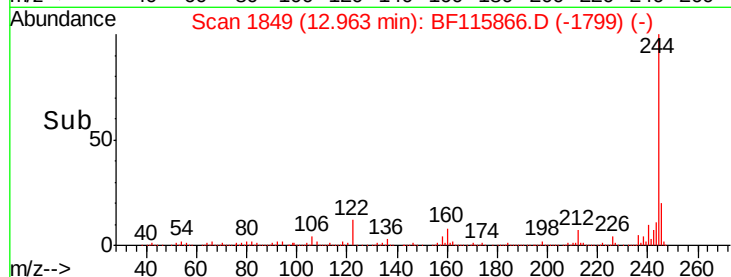
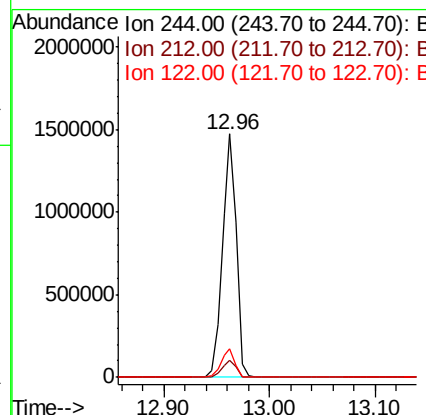
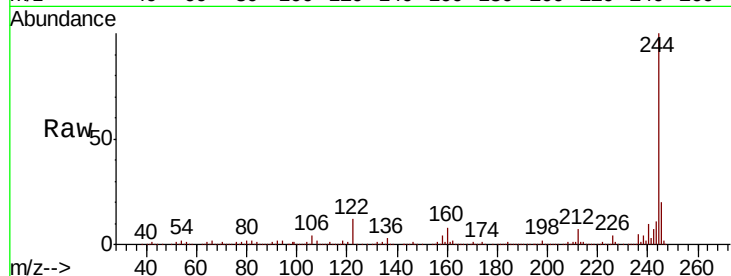
#79
 Terphenyl-d14
 Concen: 75.607 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.8	8.6	13.0

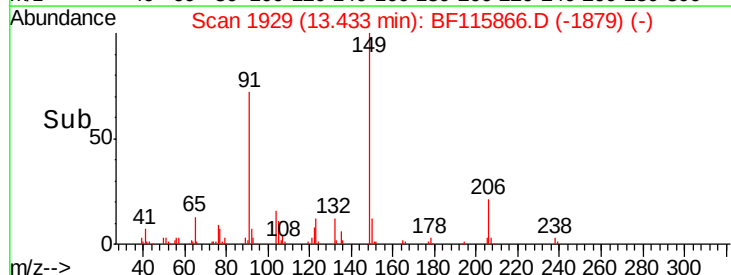
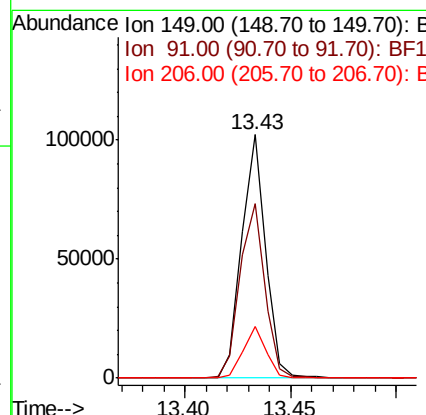
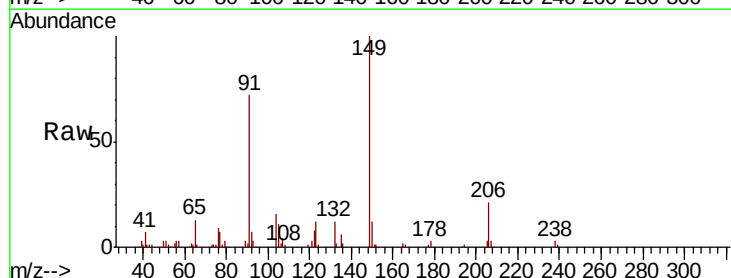
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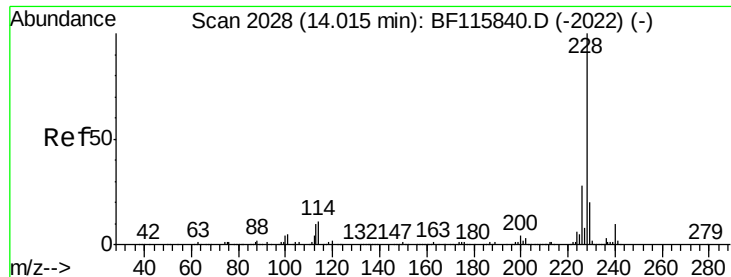
mohammad
 8/1/2019 5:06:34 PM



#80
 Butylbenzylphthalate
 Concen: 6.533 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	57.0	85.6
206	21.0	16.9	25.3





#81

Benzo(a)anthracene

Concen: 8.071 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

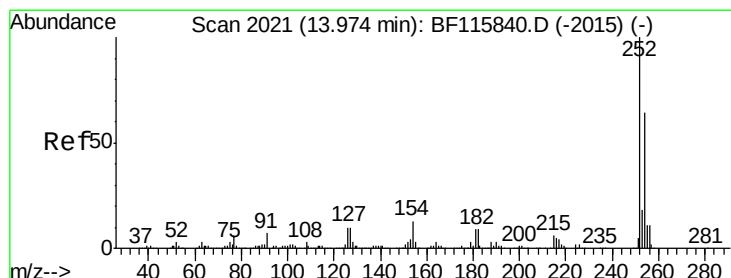
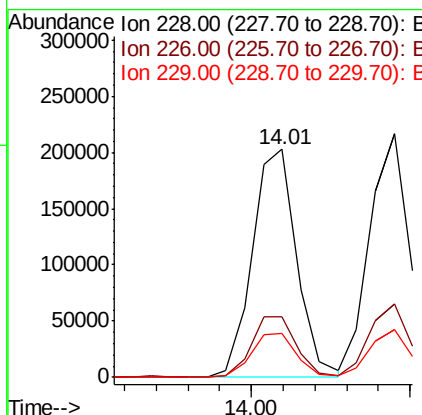
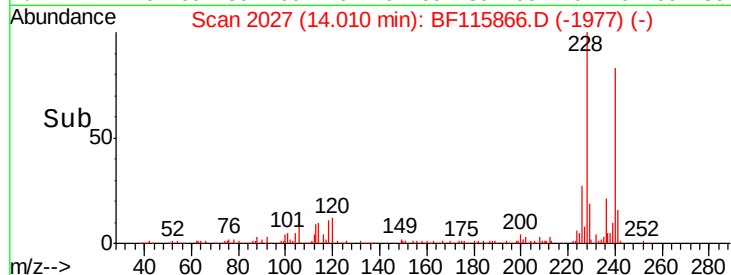
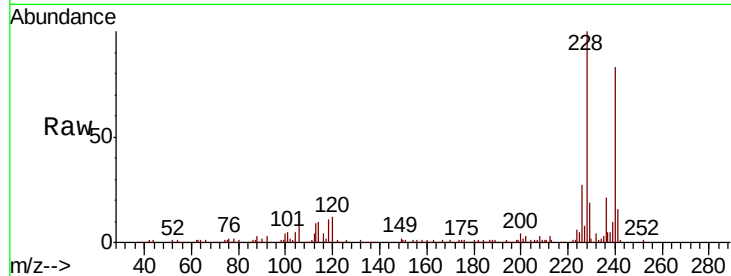
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	228	Resp:	197168
Ion Ratio		Lower	Upper
228	100		
226	26.6	22.5	33.7
229	19.5	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 7.752 ng

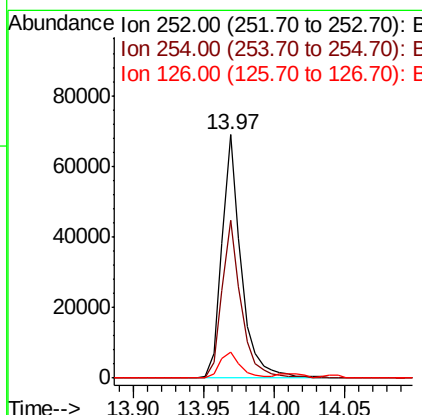
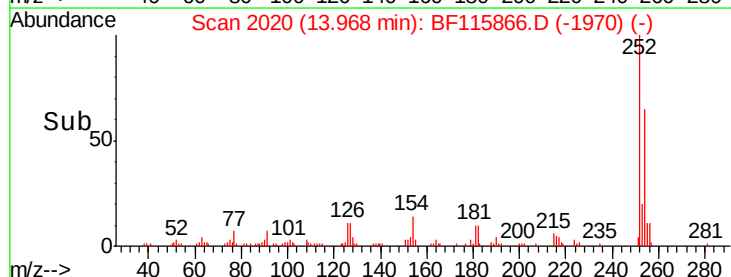
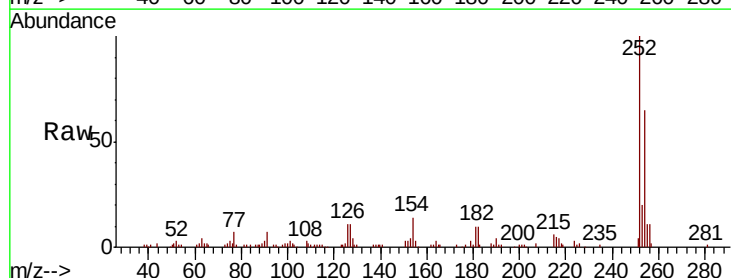
RT: 13.97 min Scan# 2020

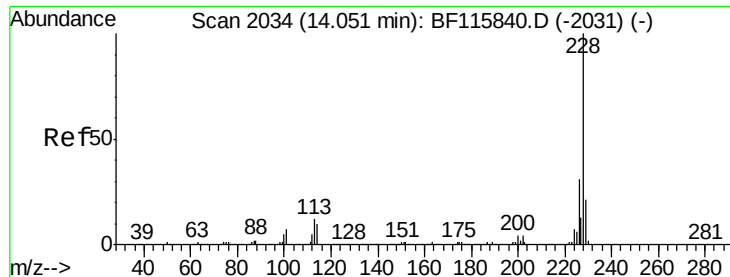
Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	252	Resp:	65789
Ion Ratio		Lower	Upper
252	100		
254	64.7	51.2	76.8
126	10.9	8.1	12.1





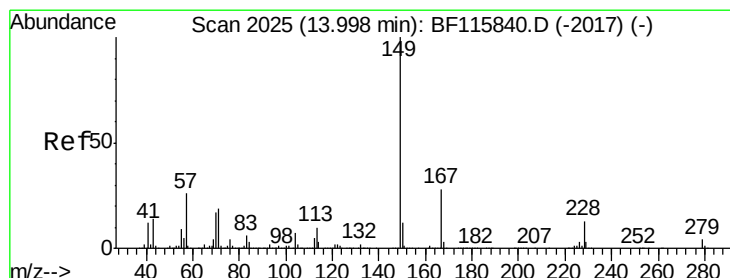
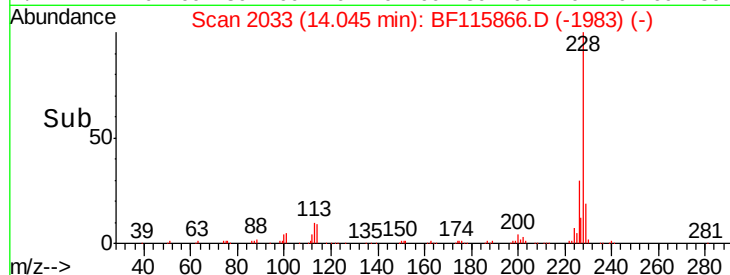
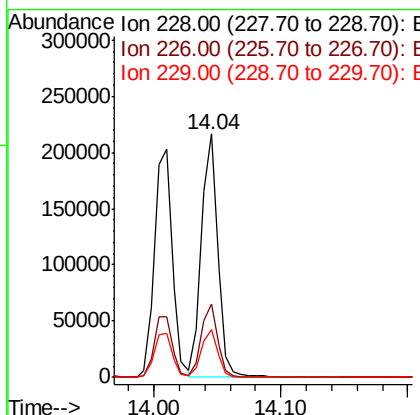
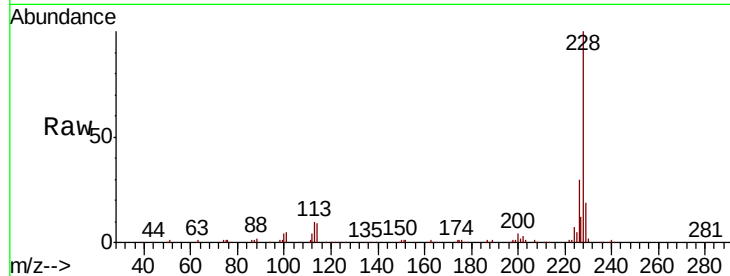
#83
 Chrysene
 Concen: 8.213 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
228	100	194792		
226	30.1	24.8	37.2	
229	19.4	16.4	24.6	

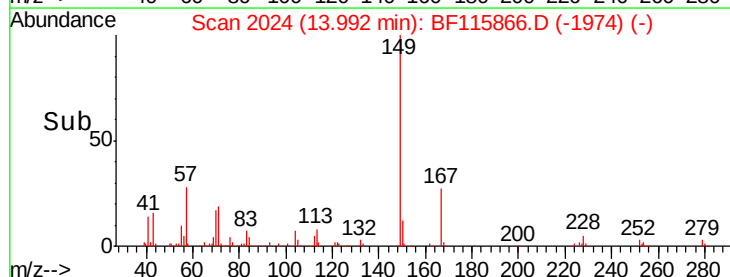
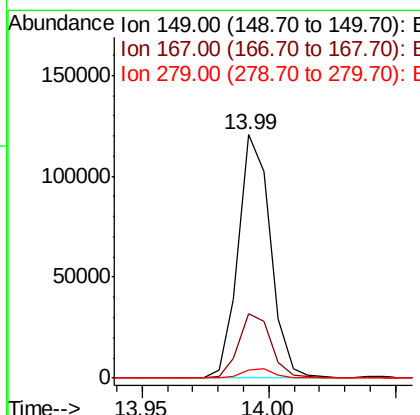
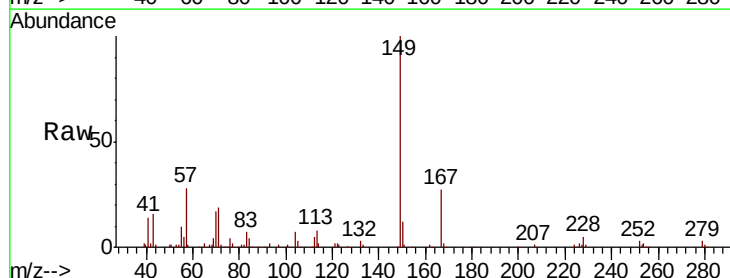
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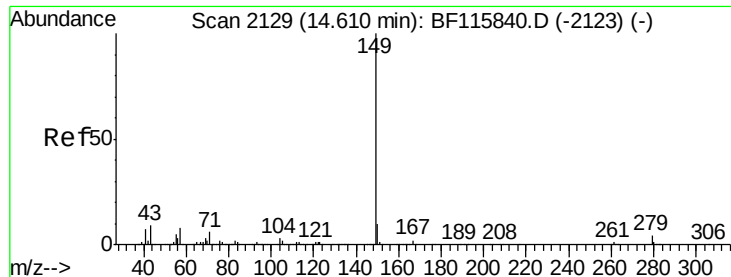
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.747 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF115866.D
 Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	106848		
167	26.6	22.4	33.6	
279	3.4	3.3	4.9	





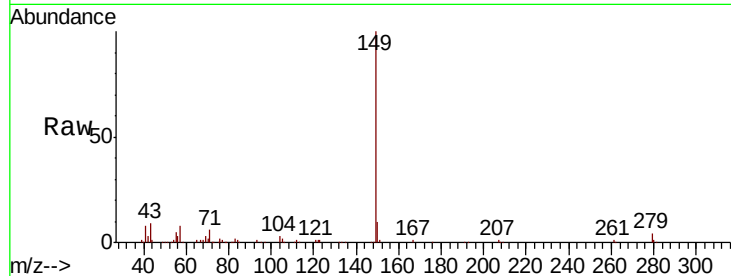
#85
Di-n-octyl phthalate
Concen: 6.310 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

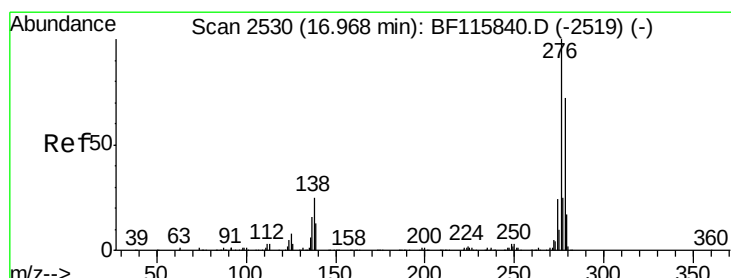
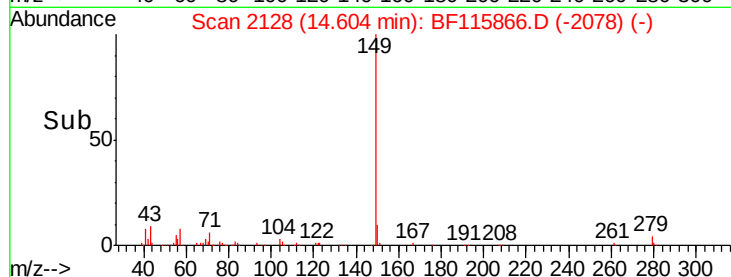
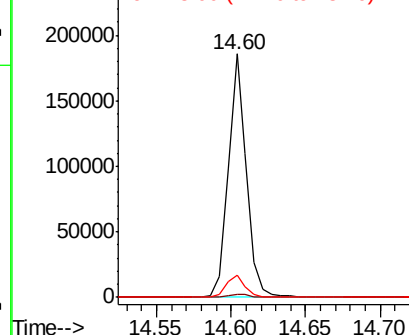
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	7.4	11.0

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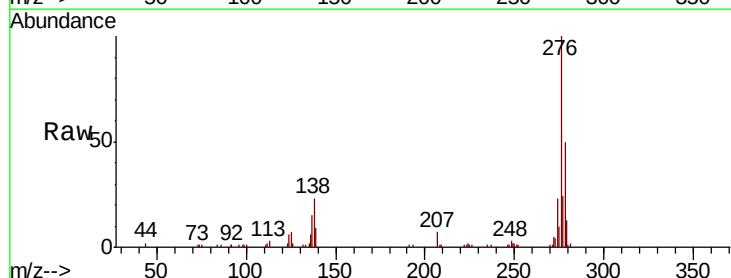


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

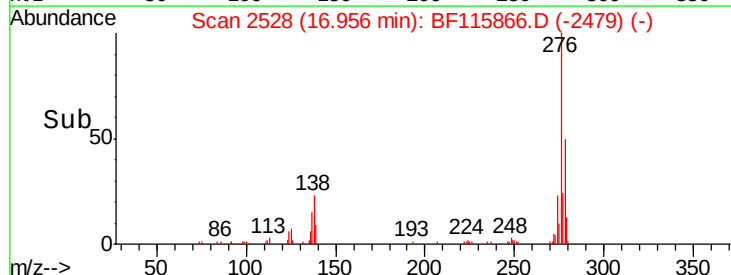
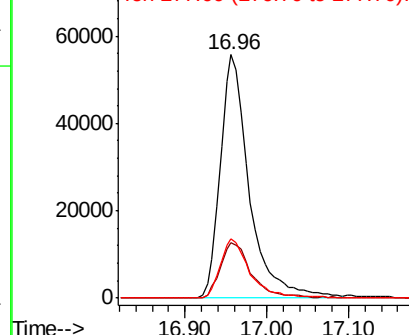


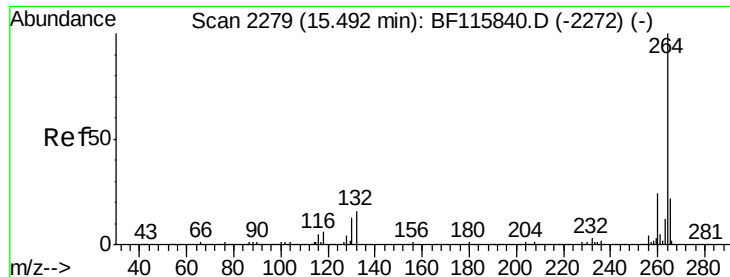
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.895 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	24.8	20.1	30.1



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





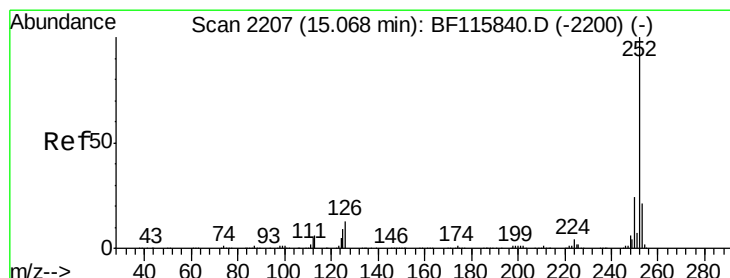
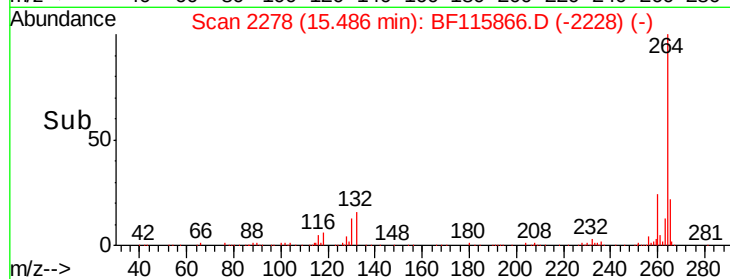
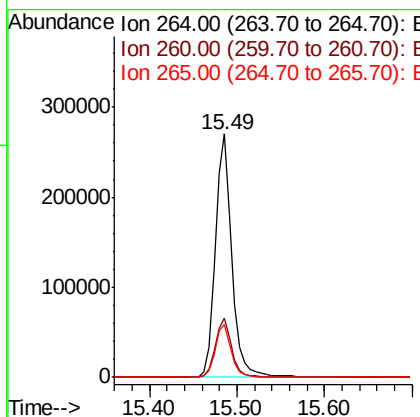
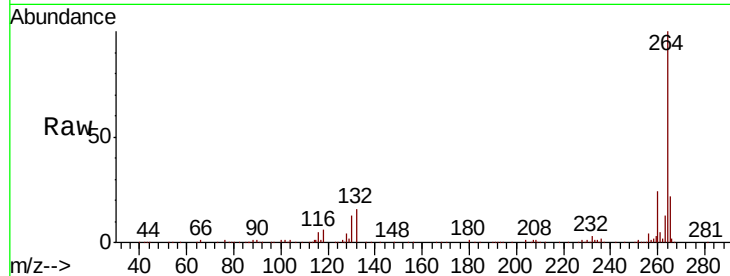
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.7	17.5	26.3

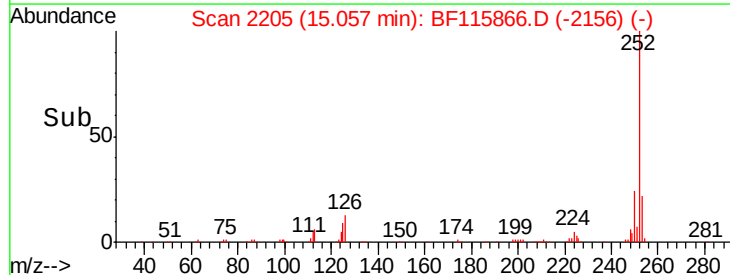
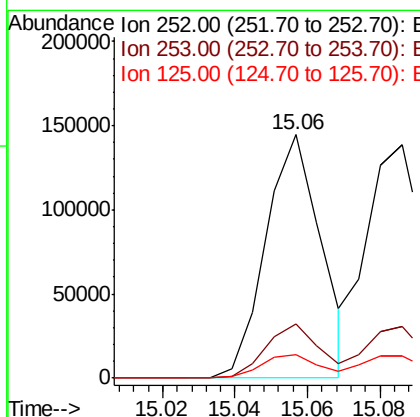
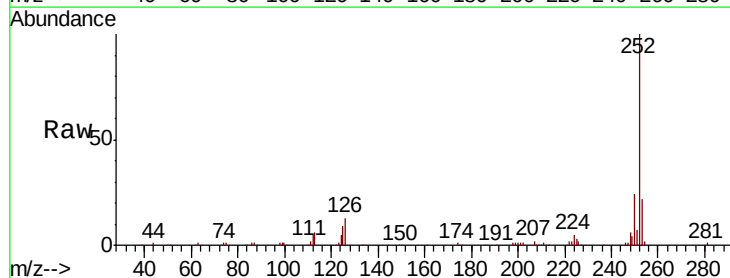
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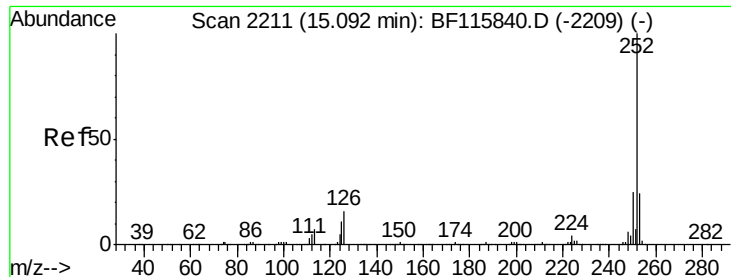
mohammad
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#88
Benzo(b)fluoranthene
Concen: 7.518 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.4	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 8.496 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Instrument :

BNA_F

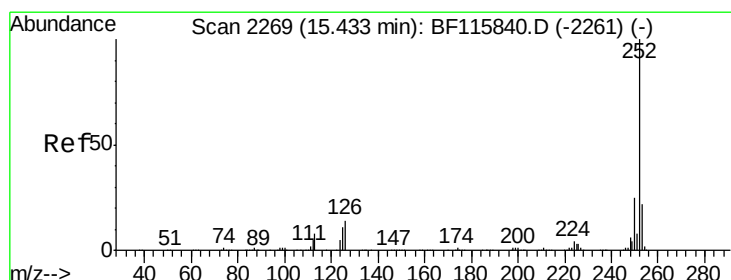
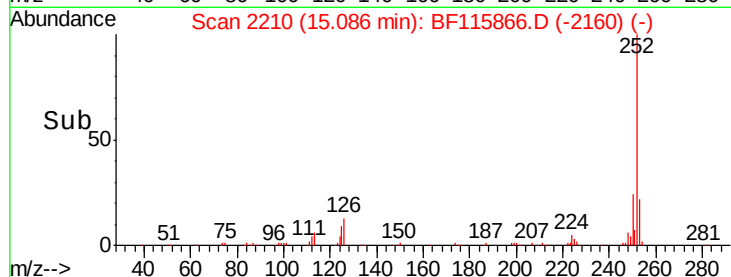
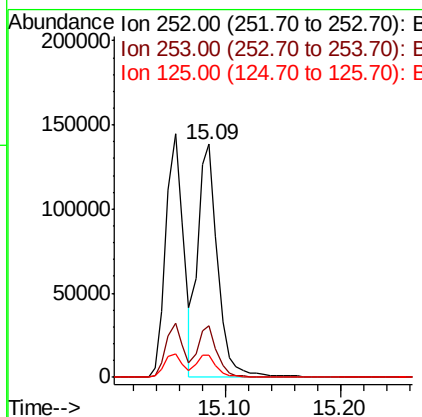
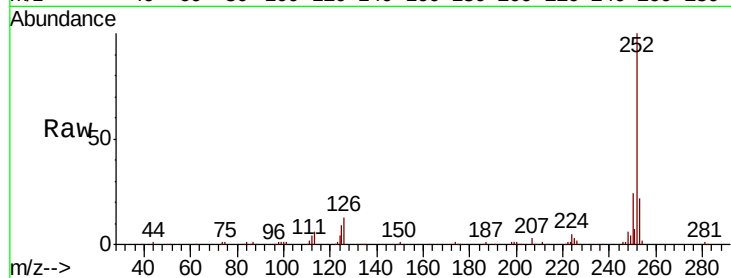
ClientSampleId :

MDL-MDL-WATER-03-QT3-2019

Tot Ion:	252	Resp:	168498
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	9.3	8.9	13.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 7.961 ng

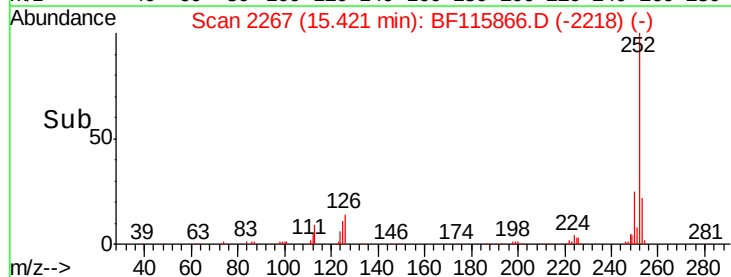
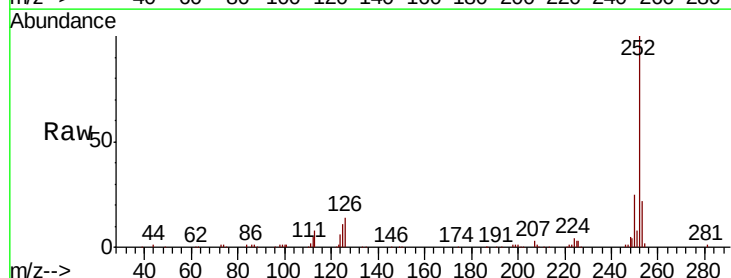
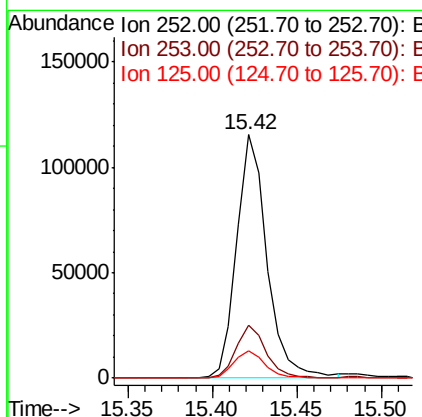
RT: 15.42 min Scan# 2267

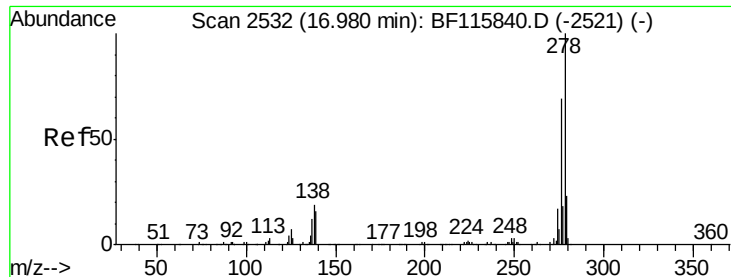
Delta R.T. -0.01 min

Lab File: BF115866.D

Acq: 31 Jul 2019 15:19

Tgt Ion:	252	Resp:	144903
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	11.2	8.8	13.2





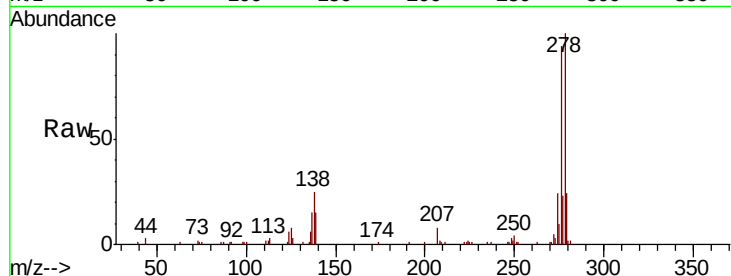
#91
Dibenzo(a,h)anthracene
Concen: 7.300 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	23.8	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:06:34 PM

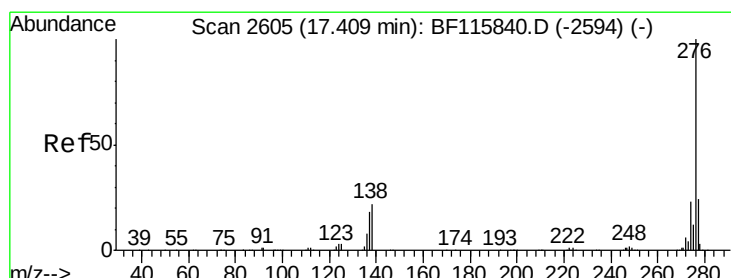
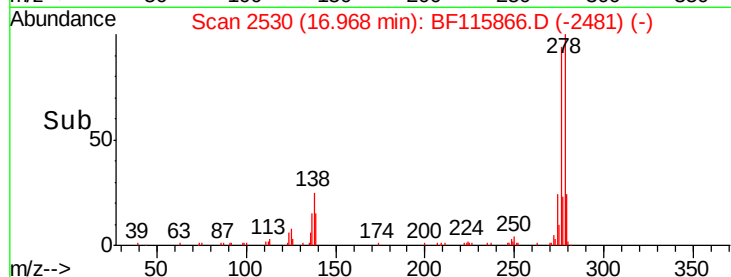
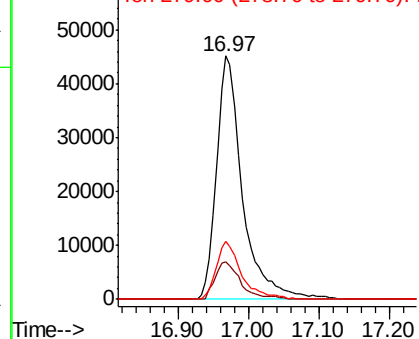


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.249 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115866.D
Acq: 31 Jul 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	22.4	17.8	26.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

