

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115867.D
 Acq On : 31 Jul 2019 15:49
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Manual Integrations
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 8/1/2019 5:06:37 PM

Quant Time: Aug 01 11:50:32 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	133931	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	529340	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	275476	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	480570	20.00	ng	0.00
76) Chrysene-d12	14.02	240	369135	20.00	ng	0.00
87) Perylene-d12	15.49	264	341556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	954257	119.28	ng	0.00
7) Phenol-d6	6.49	99	1189596	117.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	748920	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	312089	116.85	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1259036	85.61	ng	0.00
79) Terphenyl-d14	12.96	244	1345757	76.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	42121	10.422	ng	99
3) Pyridine	3.42	79	89863	7.959	ng	99
4) n-Nitrosodimethylamine	3.30	42	41191	9.245	ng	97
6) Aniline	6.52	93	145308	10.052	ng	99
8) 2-Chlorophenol	6.64	128	92888	10.500	ng	97
9) Benzaldehyde	6.40	77	79486	11.413	ng	99
10) Phenol	6.49	94	125180	10.531	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	87730	10.039	ng	96
12) 1,3-Dichlorobenzene	6.79	146	104606	10.231	ng	95
13) 1,4-Dichlorobenzene	6.87	146	104726	10.230	ng	98
14) 1,2-Dichlorobenzene	7.02	146	97976	10.394	ng	98
15) Benzyl Alcohol	6.99	79	81790	10.677	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	116302	9.757	ng	99
17) 2-Methylphenol	7.10	107	75053	10.019	ng	98
18) Hexachloroethane	7.36	117	35856	9.513	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	65207	10.425	ng	98
20) 3+4-Methylphenols	7.26	107	95706	10.796	ng	# 56
22) Acetophenone	7.26	105	132324	11.398	ng	98
24) Nitrobenzene	7.43	77	107664	10.873	ng	99
25) Isophorone	7.67	82	176678	10.076	ng	99
26) 2-Nitrophenol	7.75	139	43576	9.336	ng	98
27) 2,4-Dimethylphenol	7.78	122	77602	11.051	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	107281	9.871	ng	98
29) 2,4-Dichlorophenol	7.99	162	75110	10.130	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	84092	9.950	ng	98
31) Naphthalene	8.15	128	275117	11.045	ng	98
32) Benzoic acid	7.87	122	26003m	5.252	ng	
33) 4-Chloroaniline	8.20	127	112239	10.085	ng	98
34) Hexachlorobutadiene	8.27	225	47117	9.678	ng	98
35) Caprolactam	8.55	113	22621	9.433	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	78020	10.115	ng	98
37) 2-Methylnaphthalene	8.85	142	181003	11.033	ng	97
38) 1-Methylnaphthalene	8.95	142	169033	10.891	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	78656	10.680	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	15843	5.504	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	46482	9.170	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	51252	9.781	ng	96
46) 1,1'-Biphenyl	9.31	154	221788	11.404	ng	98
47) 2-Chloronaphthalene	9.34	162	168526	10.411	ng	100
48) 2-Nitroaniline	9.43	65	49222	9.200	ng	# 81
49) Acenaphthylene	9.75	152	266306	11.277	ng	98
50) Dimethylphthalate	9.60	163	183935	9.806	ng	99
51) 2,6-Dinitrotoluene	9.67	165	39828	9.771	ng	88
52) Acenaphthene	9.92	154	156678	10.815	ng	98
53) 3-Nitroaniline	9.84	138	45010	8.937	ng	93
54) 2,4-Dinitrophenol	9.96	184	7654	4.422	ng	90
55) Dibenzofuran	10.10	168	236169	11.209	ng	100
56) 4-Nitrophenol	10.01	139	22216	6.886	ng	91
57) 2,4-Dinitrotoluene	10.07	165	50593	9.322	ng	# 86
58) Fluorene	10.44	166	183017	11.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	40582	9.205	ng	97
60) Diethylphthalate	10.31	149	174307	9.954	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	86085	10.486	ng	95
62) 4-Nitroaniline	10.45	138	47129	9.054	ng	97
63) Azobenzene	10.59	77	191155	10.613	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	16899	6.636	ng	96
66) n-Nitrosodiphenylamine	10.55	169	153861	10.637	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	51518	10.014	ng	93
68) Hexachlorobenzene	10.99	284	56704	9.532	ng	98
69) Atrazine	11.07	200	44928	9.441	ng	98
70) Pentachlorophenol	11.19	266	17938	6.211	ng	# 87
71) Phenanthrene	11.40	178	269201	10.957	ng	98
72) Anthracene	11.45	178	274859	11.055	ng	99
73) Carbazole	11.61	167	243743	10.805	ng	96
74) Di-n-butylphthalate	11.94	149	247670	9.412	ng	99
75) Fluoranthene	12.59	202	272693	10.602	ng	98
77) Benzidine	12.71	184	125874	10.093	ng	100
78) Pyrene	12.82	202	283459	10.187	ng	98
80) Butylbenzylphthalate	13.43	149	94789	8.053	ng	96
81) Benzo(a)anthracene	14.01	228	232146	9.839	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	79966	9.756	ng	98
83) Chrysene	14.04	228	233961	10.214	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	126406	8.264	ng	98
85) Di-n-octyl phthalate	14.60	149	188907	7.776	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	167484	8.706	ng	99
88) Benzo(b)fluoranthene	15.06	252	185467	9.391	ng	98
89) Benzo(k)fluoranthene	15.09	252	205976	10.708	ng	97
90) Benzo(a)pyrene	15.42	252	179799	10.184	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	138741	9.079	ng	98
92) Benzo(g,h,i)perylene	17.40	276	134628	8.970	ng	97

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

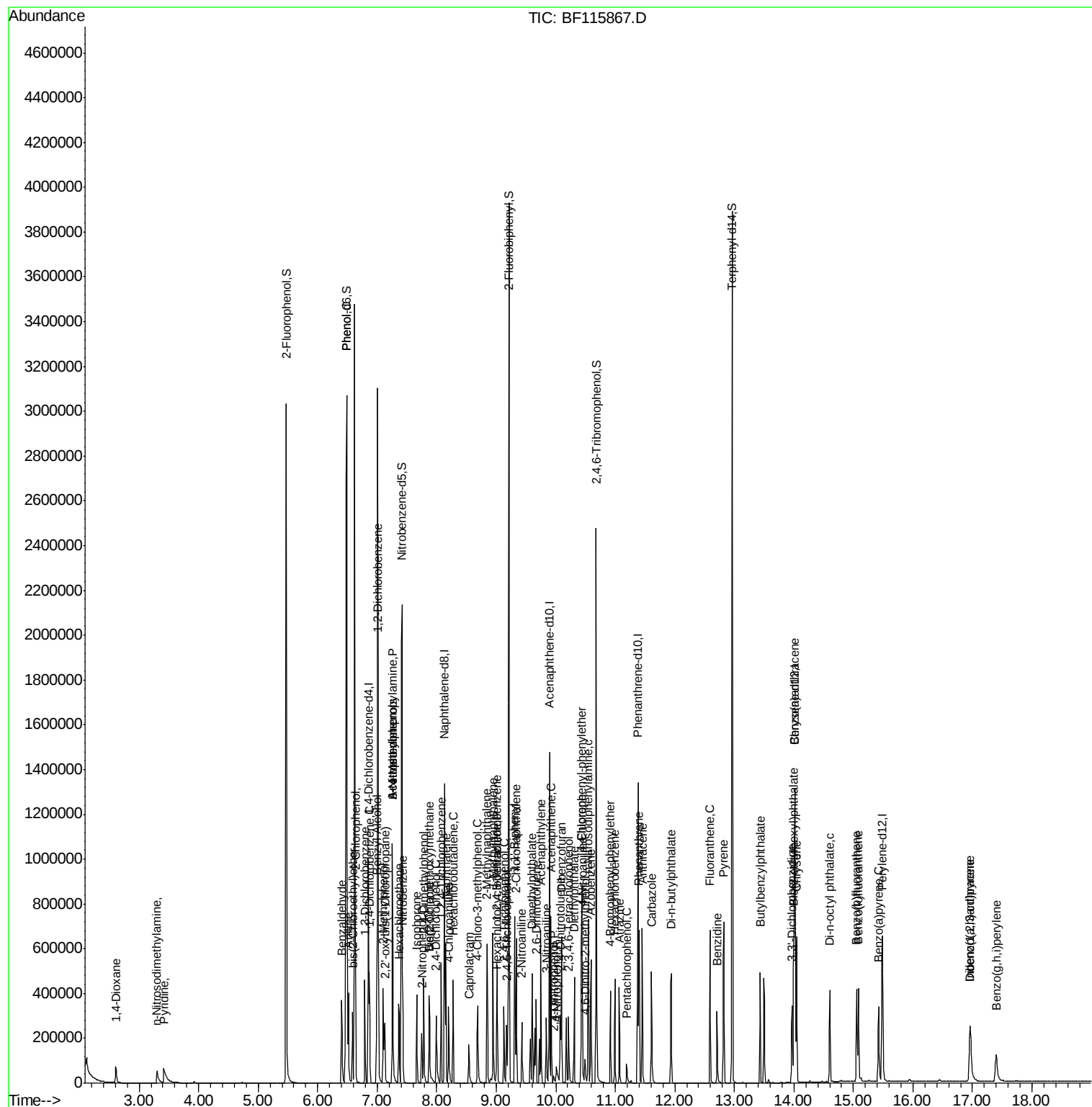
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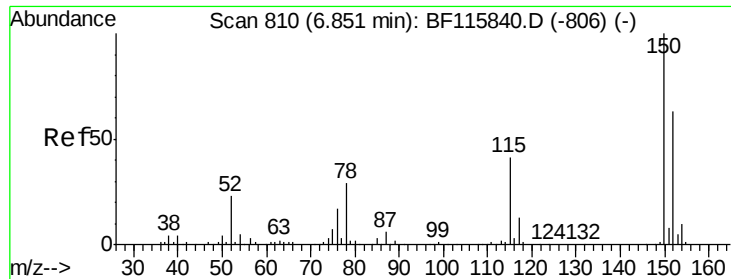
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

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#1

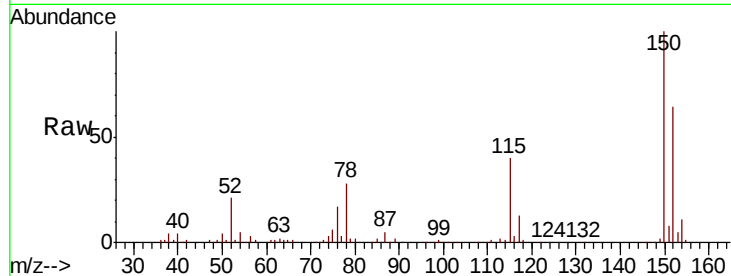
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	61.7	51.8	77.8

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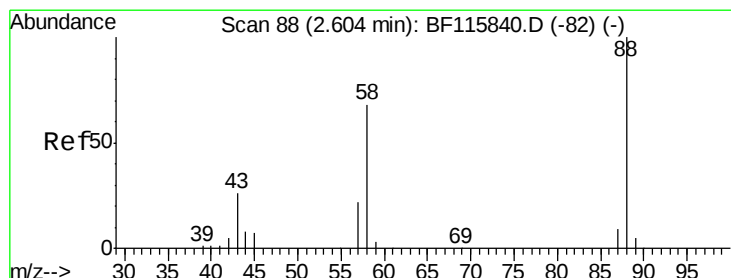
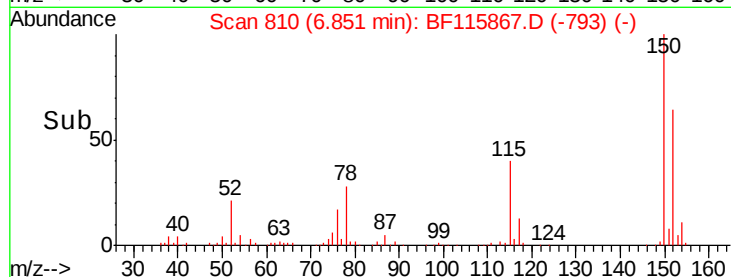
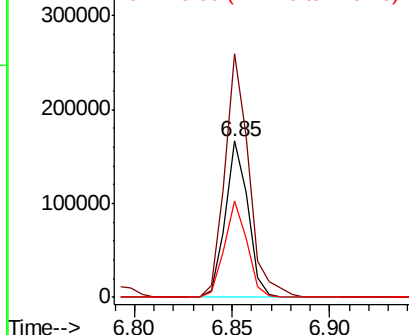


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

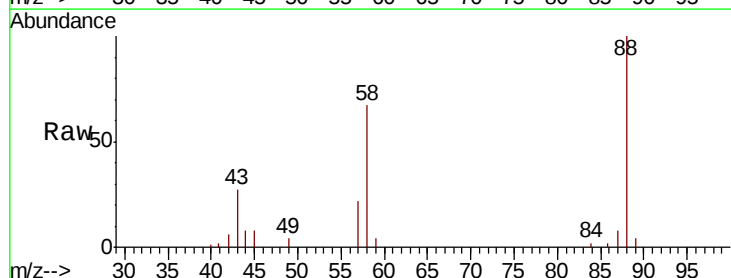
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.422 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.1	81.1
43	27.4	20.7	31.1

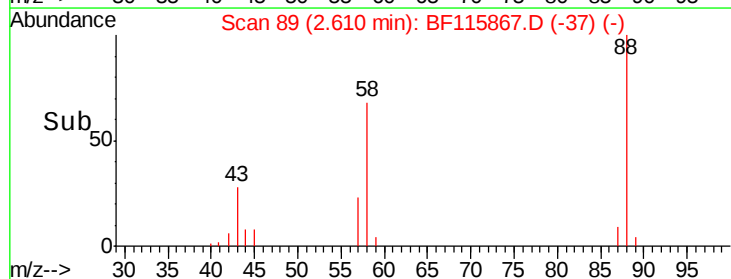
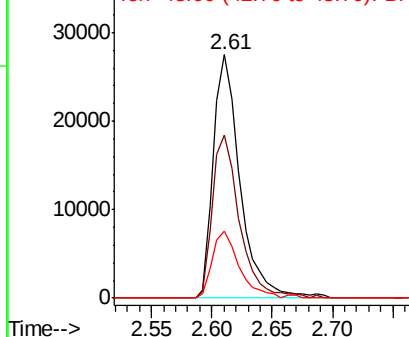


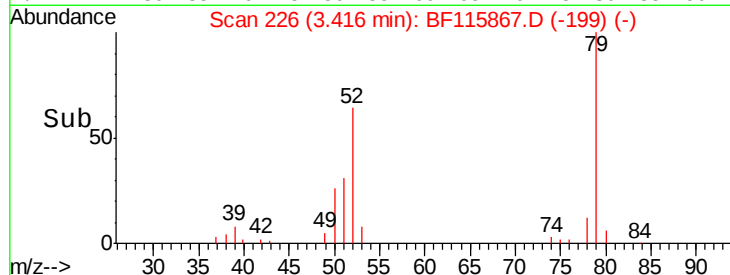
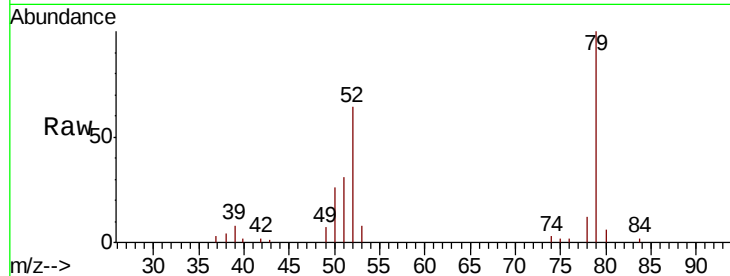
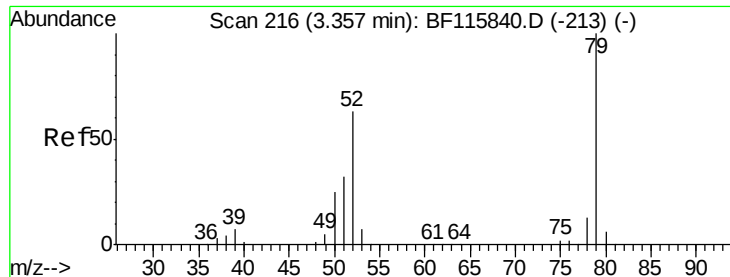
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





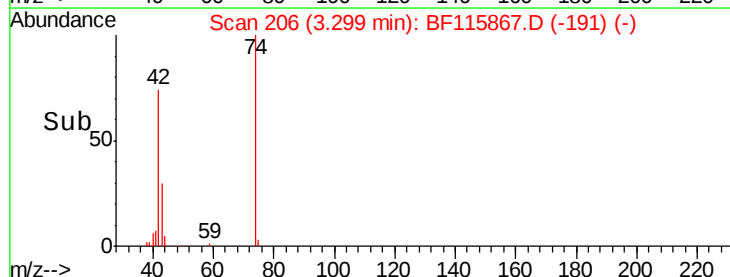
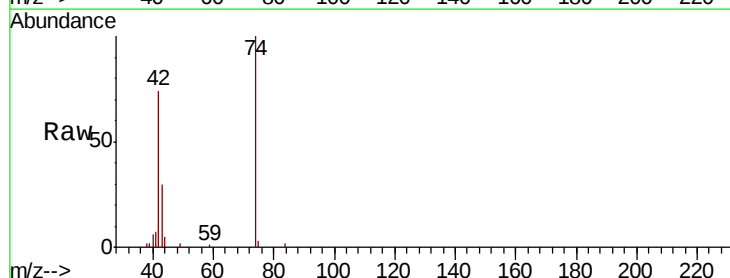
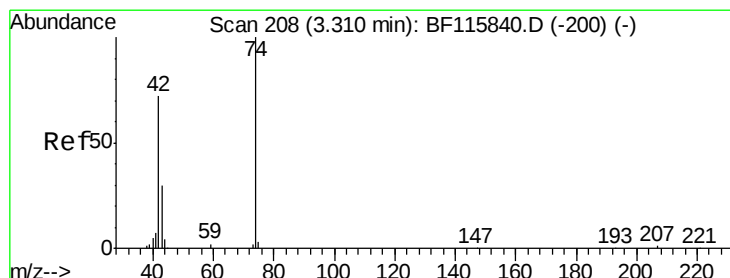
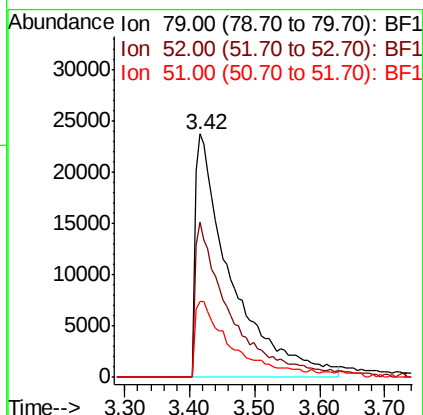
#3
Pvridine
Concen: 7.959 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.06 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	63.9		50.2	75.4
51	51	31.4		25.8	38.6

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2019

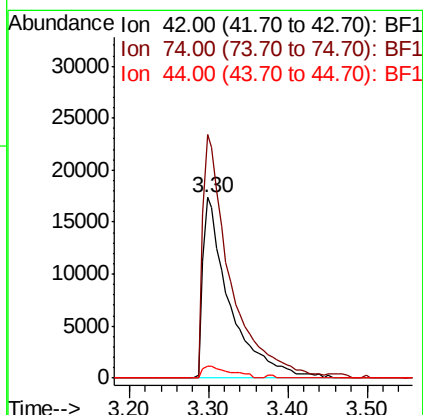
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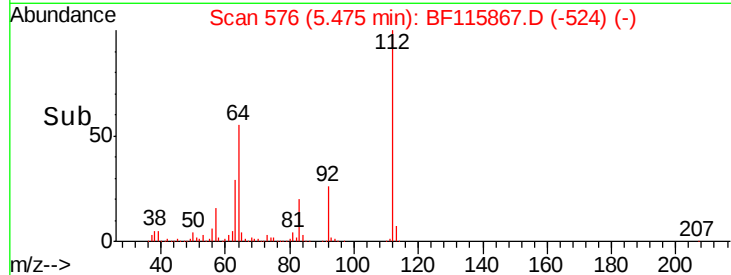
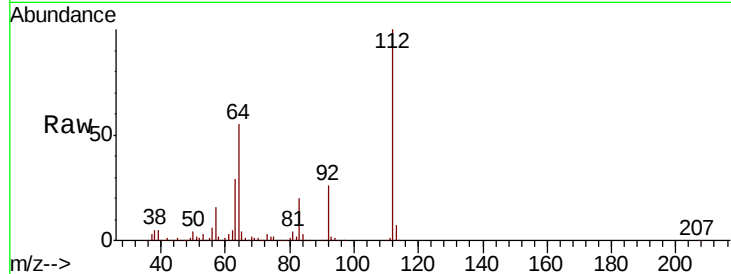
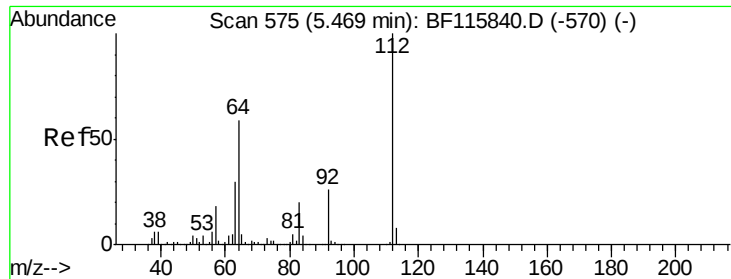
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#4
n-Nitrosodimethylamine
Concen: 9.245 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	134.8		111.0	166.4
44	44	6.4		4.7	7.1





#5

2-Fluorophenol

Concen: 119.277 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tot Ion:	112	Resp:	954257
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.8	70.2
63	28.6	24.2	36.2

Instrument :

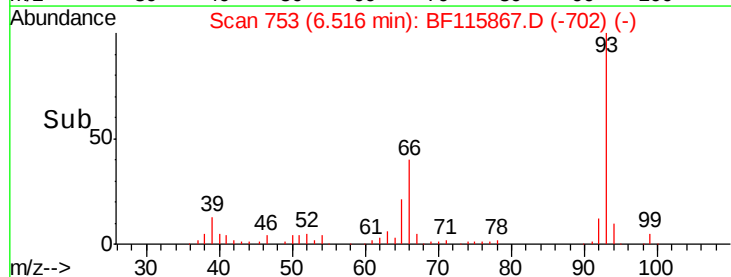
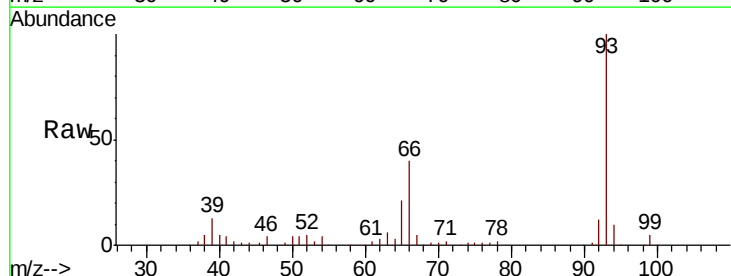
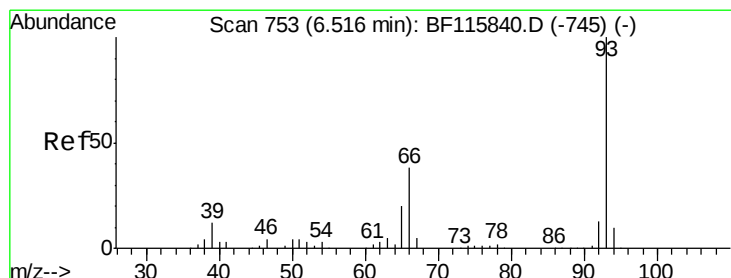
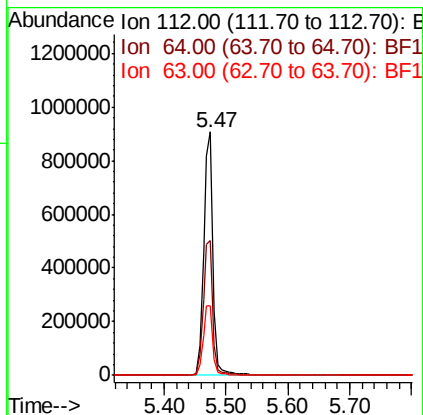
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

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#6

Aniline

Concen: 10.052 ng

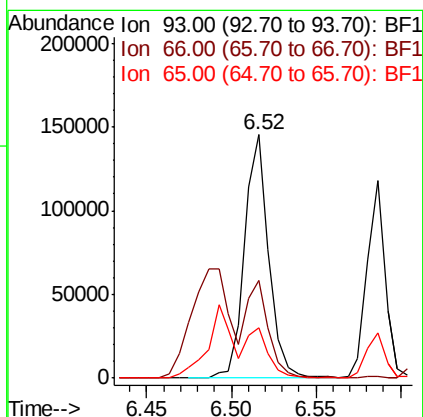
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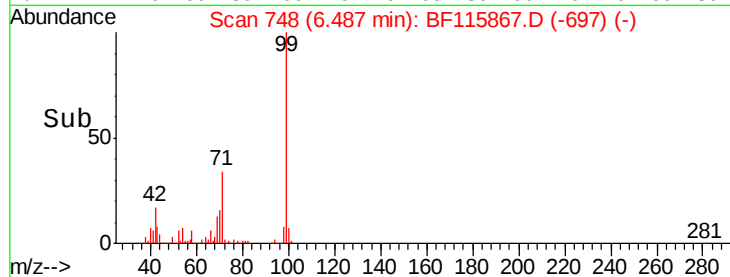
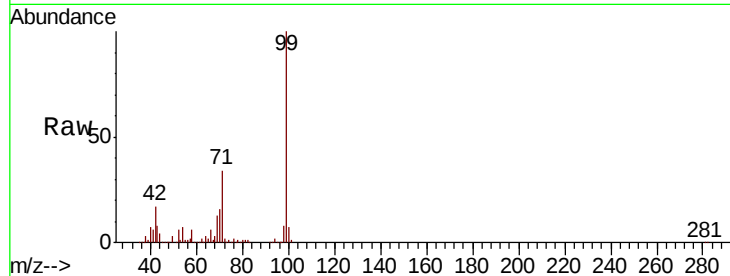
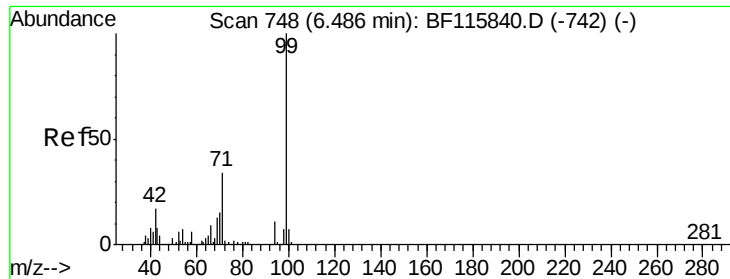
Delta R.T. 0.00 min

Lab File: BF115867.D

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Tgt Ion:	93	Resp:	145308
Ion Ratio	Lower	Upper	
93	100		
66	39.9	31.4	47.0
65	20.7	16.5	24.7





#7

Phenol-d6

Concen: 117.853 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tot Ion:	99	Resp:	1189596
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.7	27.1	40.7

Instrument :

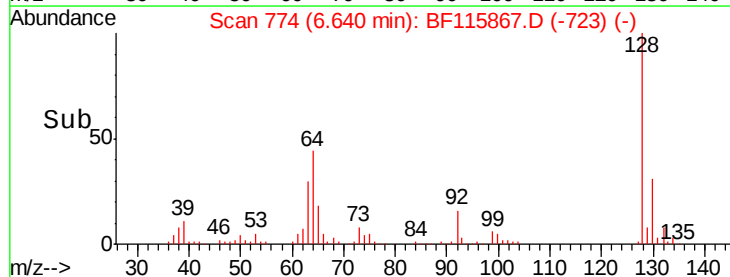
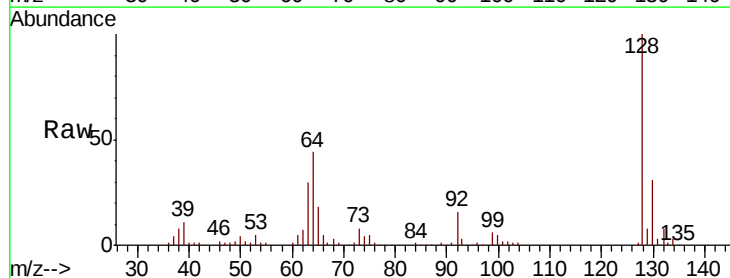
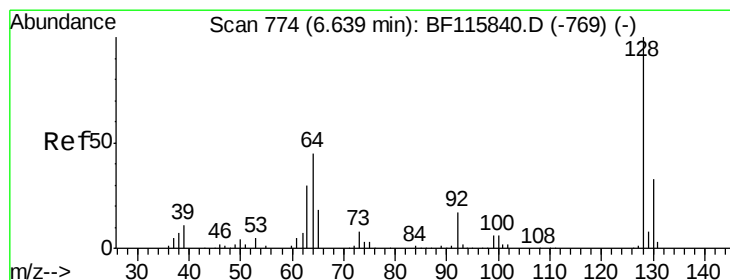
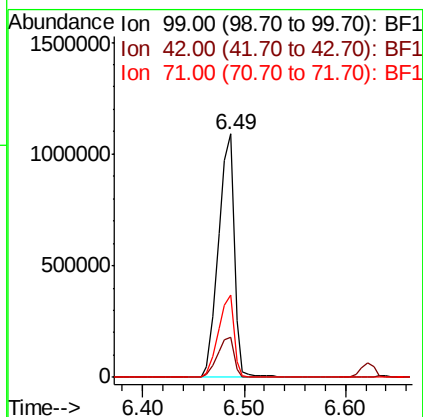
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Manual Integrations
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#8

2-Chlorophenol

Concen: 10.500 ng

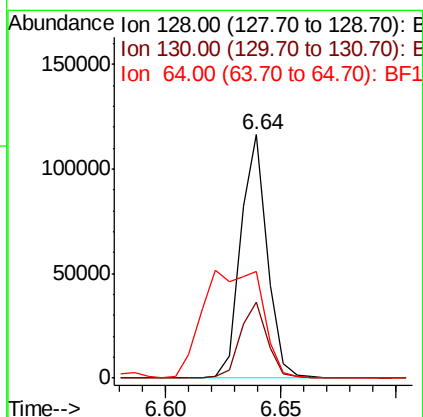
RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	128	Resp:	92888
Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	43.9	26.1	66.1





#9

Benzaldehyde

Concen: 11.413 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

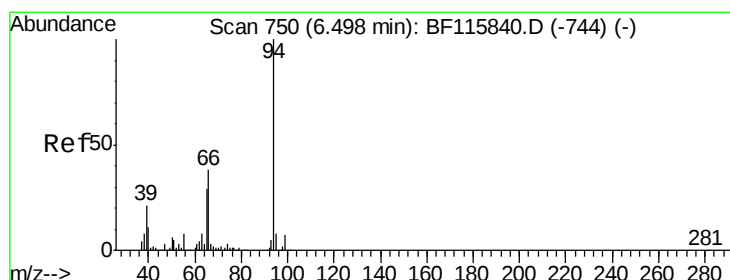
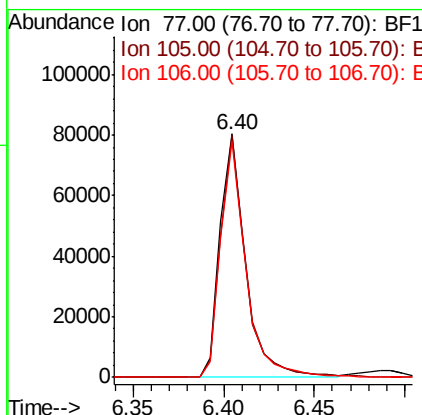
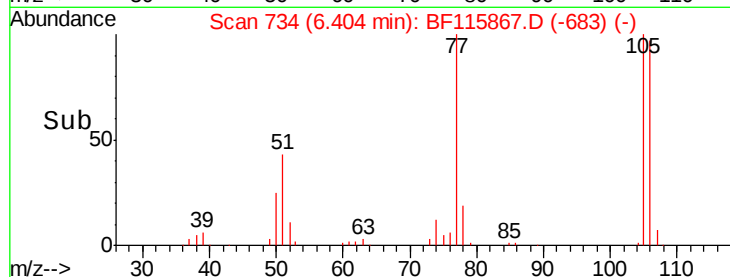
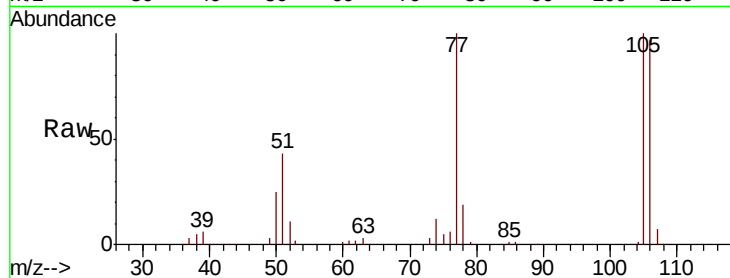
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Tot Ion:	77	Resp:	79486
Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.0	119.0
106	96.8	76.2	116.2

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#10

Phenol

Concen: 10.531 ng

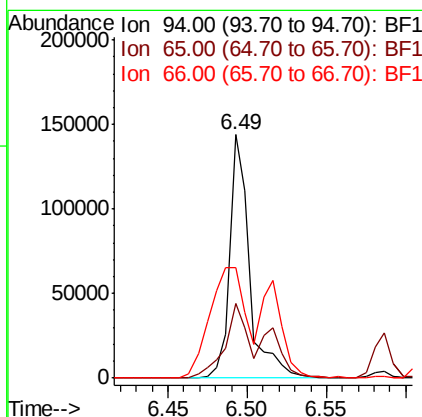
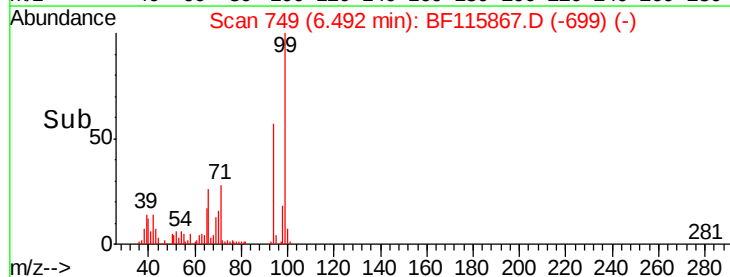
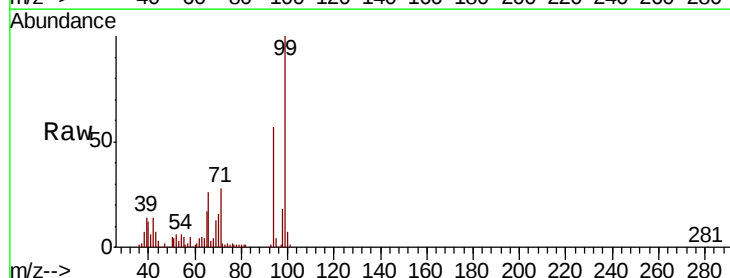
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	94	Resp:	125180
Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.9	48.9
66	45.5	18.0	58.0





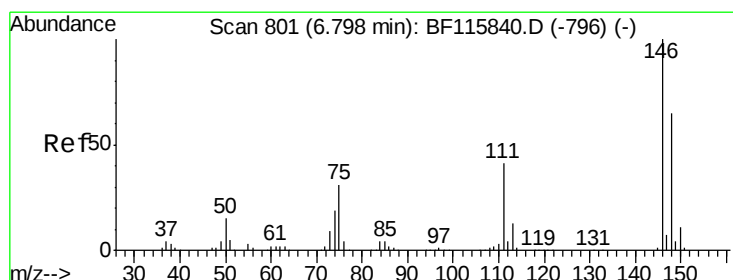
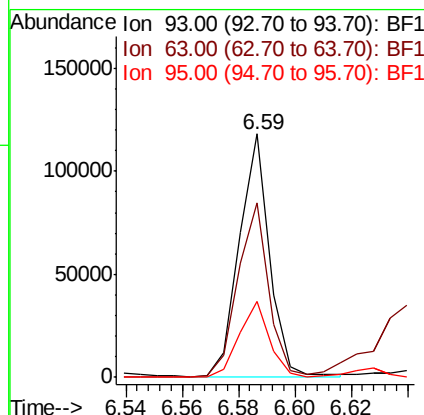
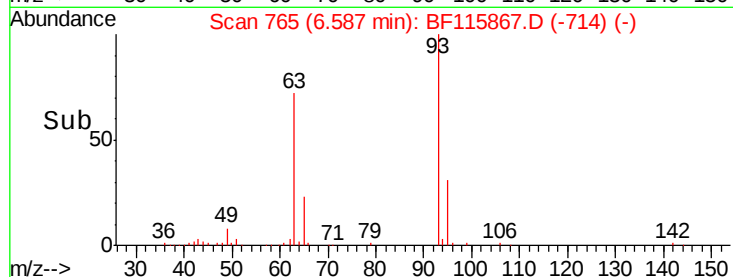
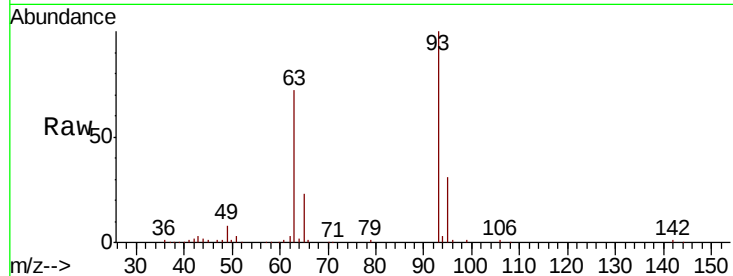
#11
bis(2-Chloroethyl)ether
Concen: 10.039 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	54.9	94.9
95	31.2	13.3	53.3

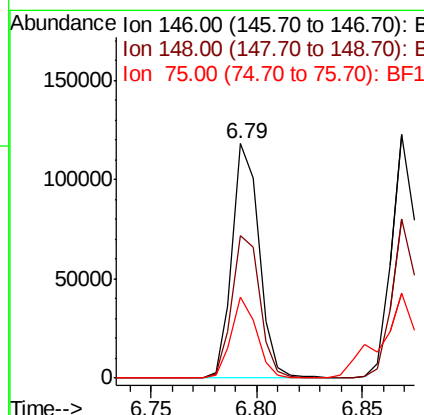
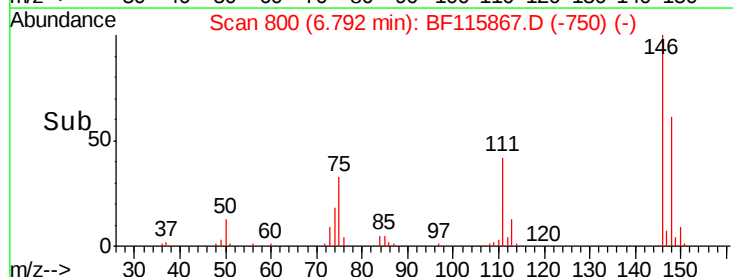
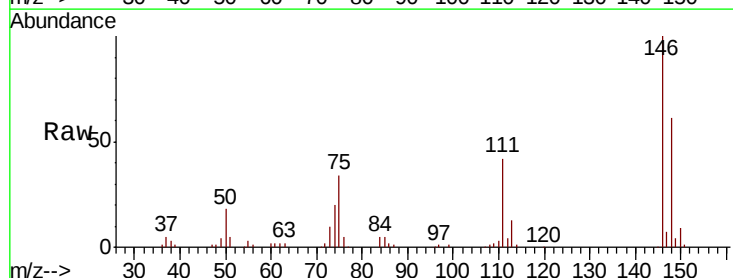
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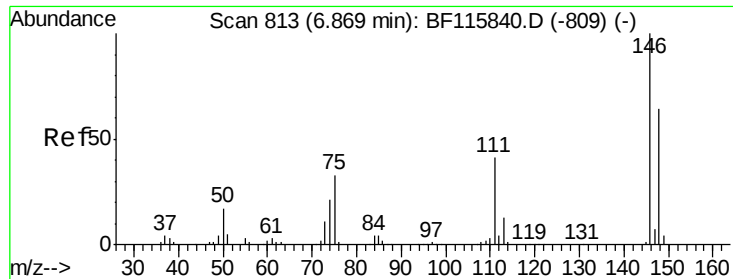
mohammad
8/1/2019 5:06:37 PM



#12
1,3-Dichlorobenzene
Concen: 10.231 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.1	78.1
75	34.4	25.0	37.6





#13

1,4-Dichlorobenzene

Concen: 10.230 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

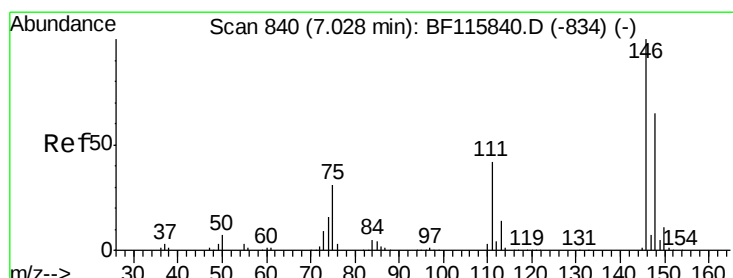
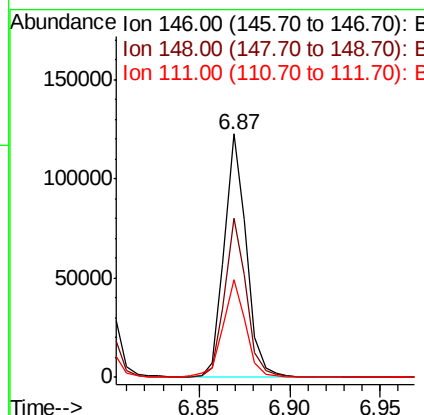
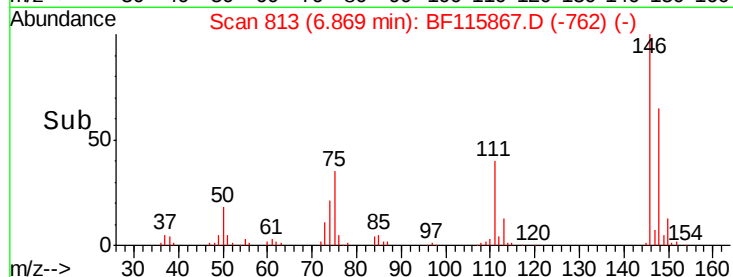
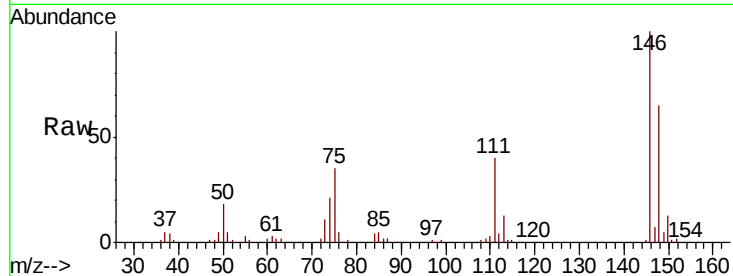
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	146	Resp:	104726
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.2	76.8
111	40.0	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 10.394 ng

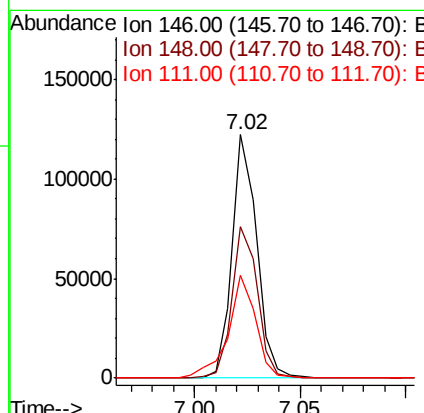
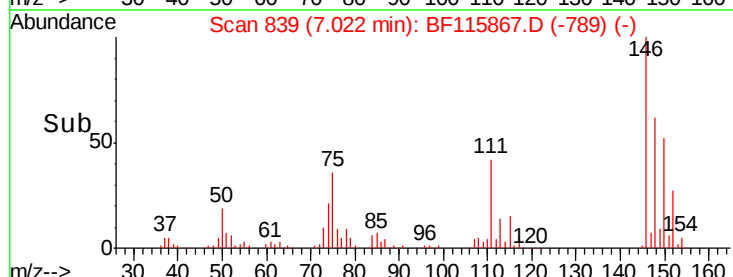
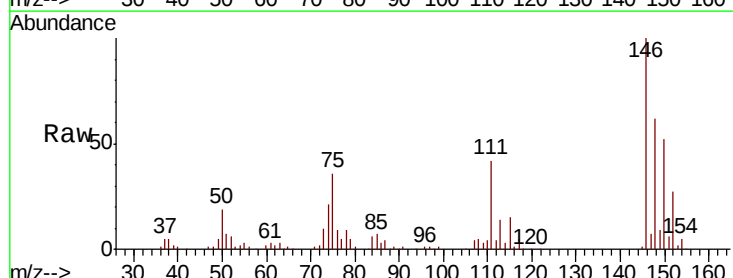
RT: 7.02 min Scan# 839

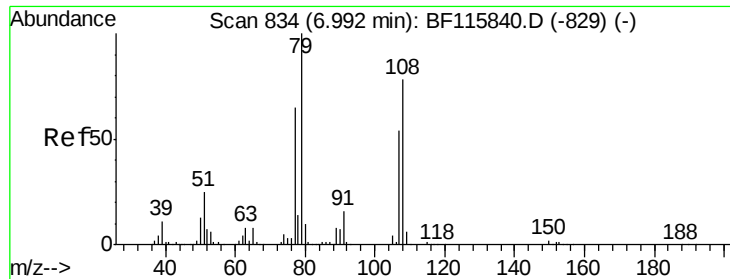
Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	146	Resp:	97976
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.6	77.4
111	42.0	33.6	50.4





#15

Benzyl Alcohol

Concen: 10.677 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

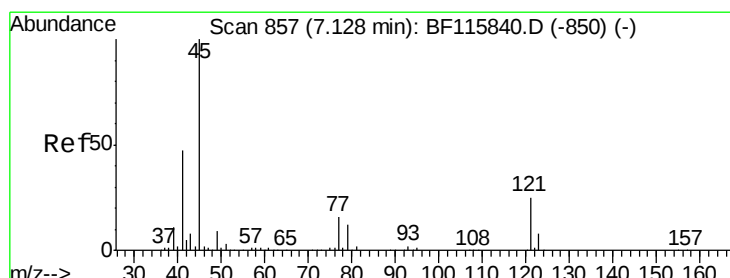
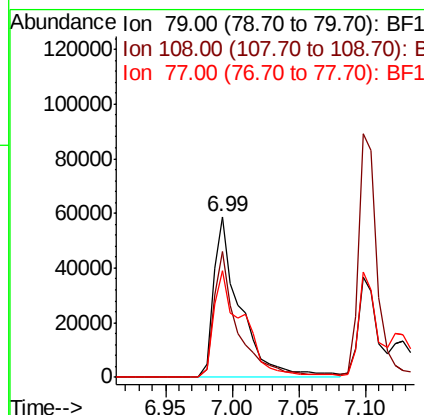
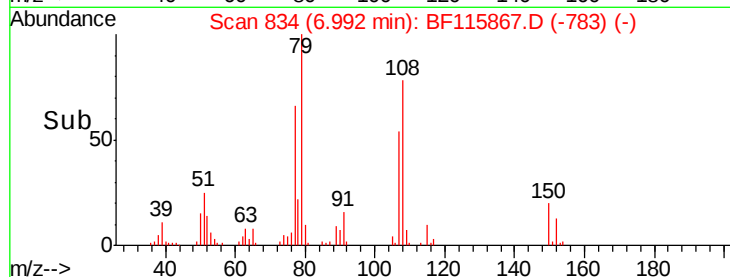
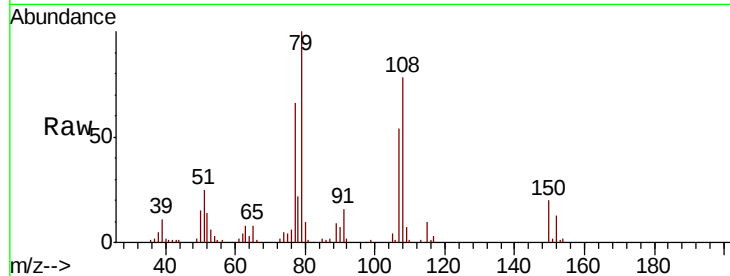
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	79	Resp:	81790
Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.8	94.2
77	65.9	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 9.757 ng

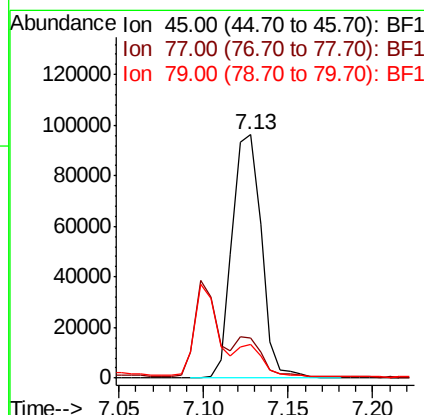
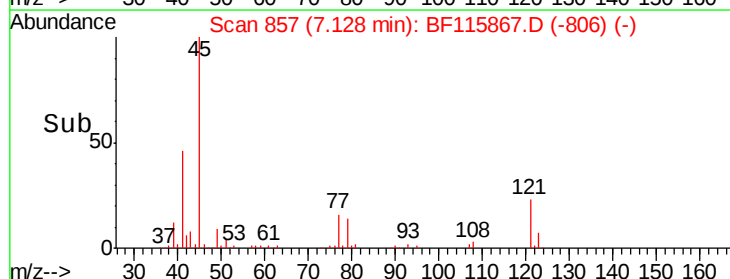
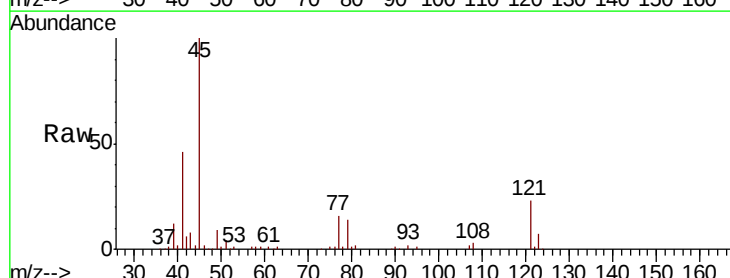
RT: 7.13 min Scan# 857

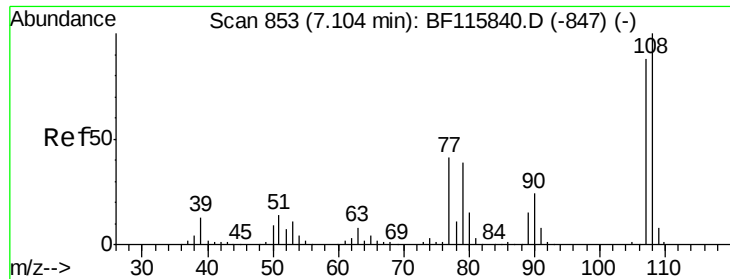
Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	45	Resp:	116302
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	36.3
79	13.7	0.0	32.5





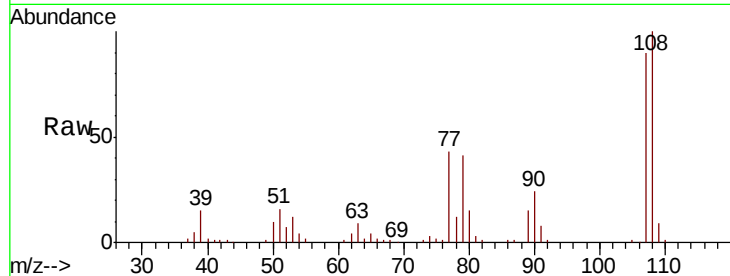
#17
2-Methylphenol
Concen: 10.019 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:	107	Resp:	75053
Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.4	137.0
77	48.2	37.6	56.4
79	46.2	36.2	54.4

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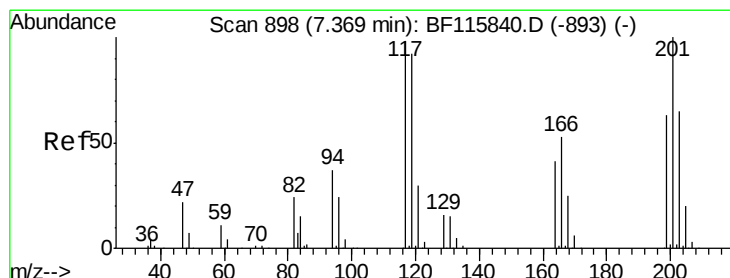
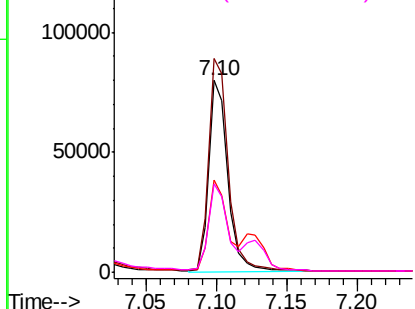
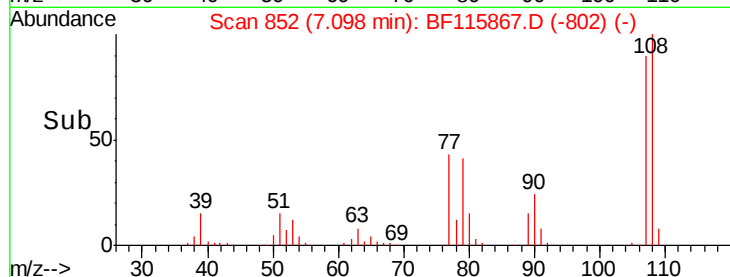
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

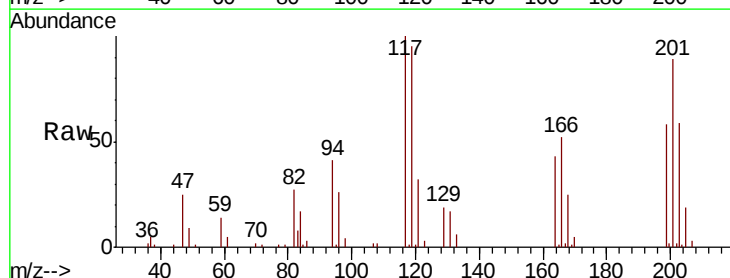
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 9.513 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:	117	Resp:	35856
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
201	88.8	82.0	123.0

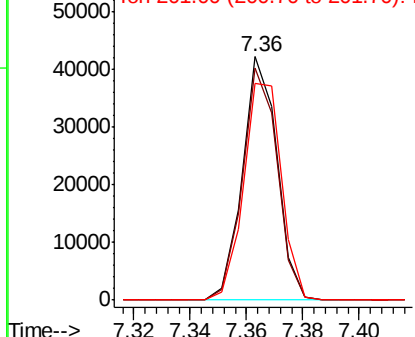
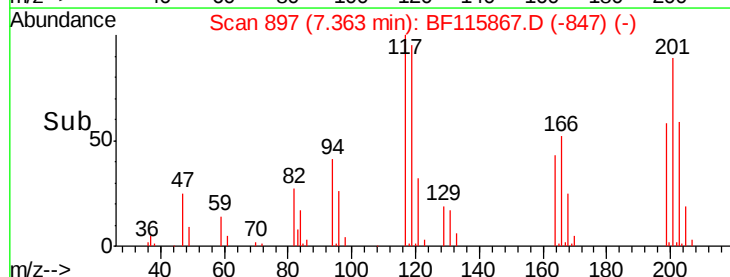


Abundance

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





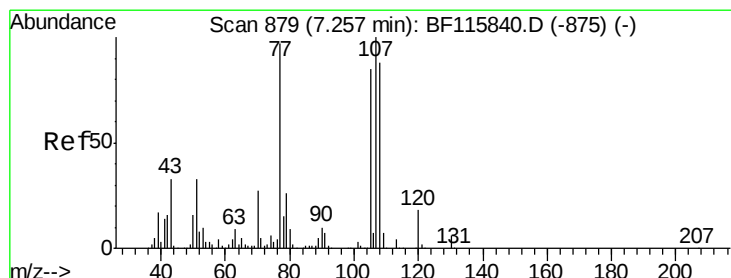
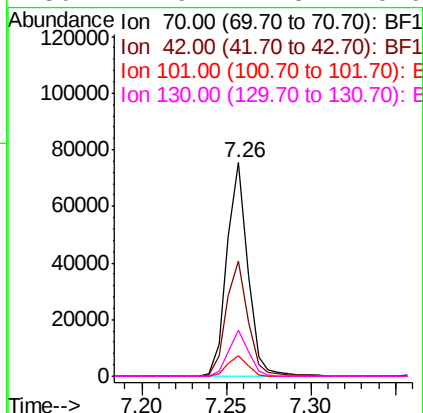
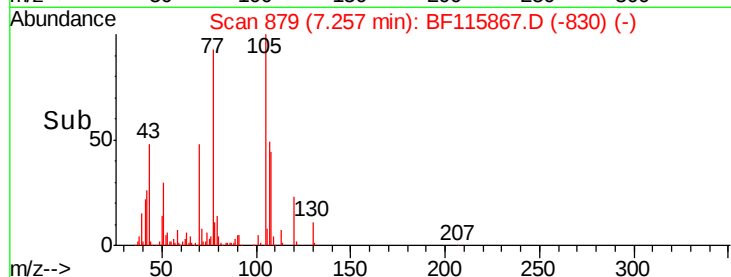
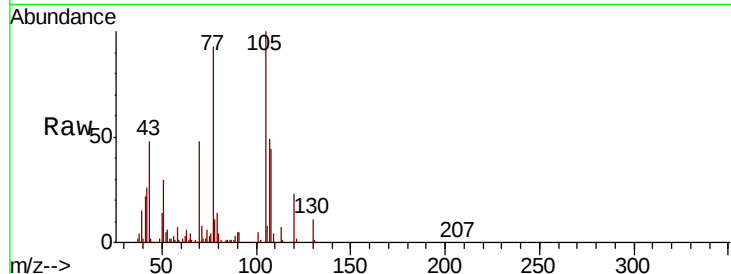
#19
n-Nitroso-di-n-propylamine
Concen: 10.425 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	41.8	62.8
101	9.6	7.7	11.5
130	21.9	17.8	26.6

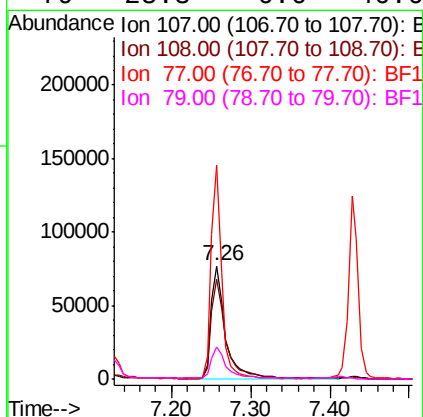
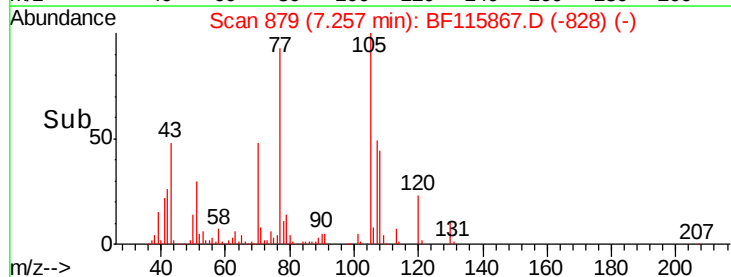
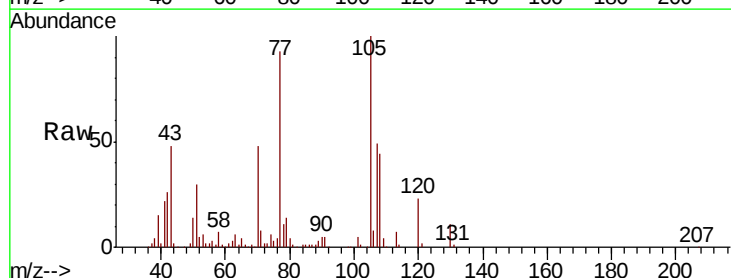
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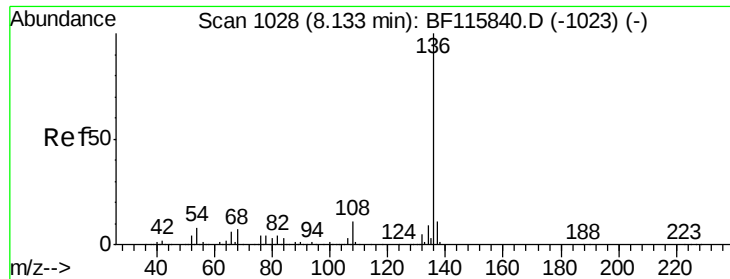
mohammad
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#20
3+4-Methylphenols
Concen: 10.796 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.9	107.9
77	189.6	77.3	117.3#
79	28.3	6.6	46.6





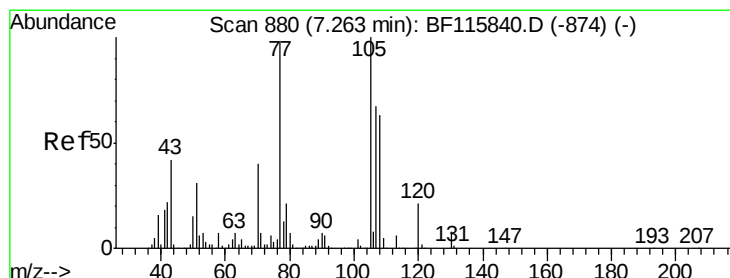
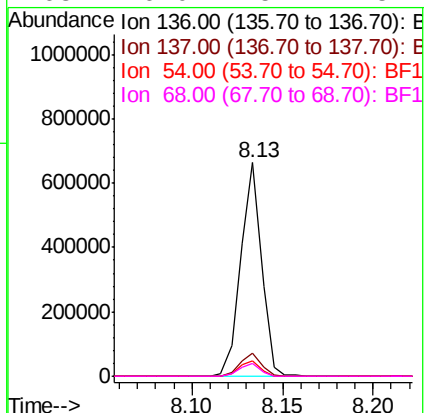
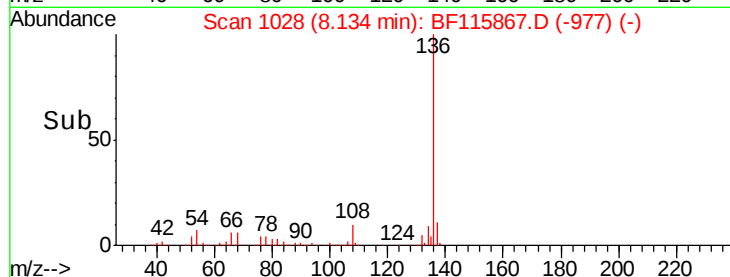
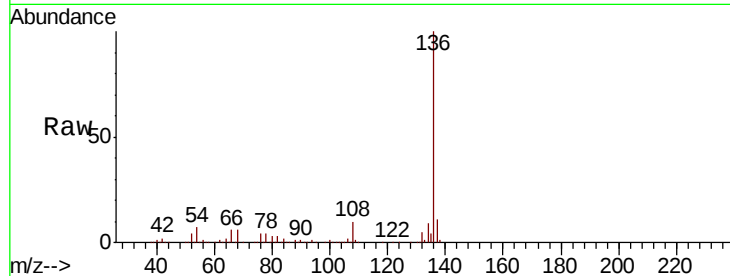
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	529340		
137	11.0		9.1	13.7
54	6.9		6.1	9.1
68	6.0		5.4	8.2

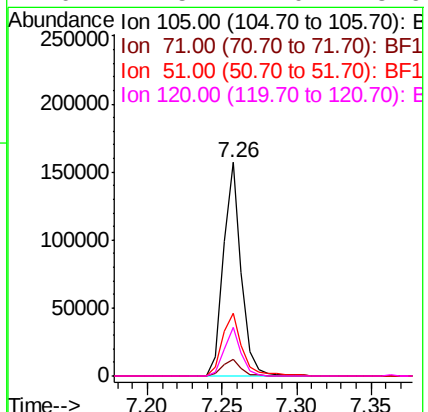
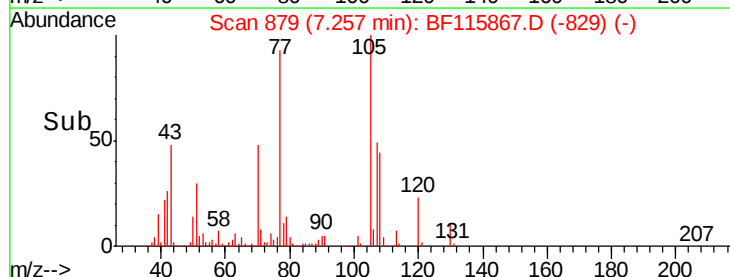
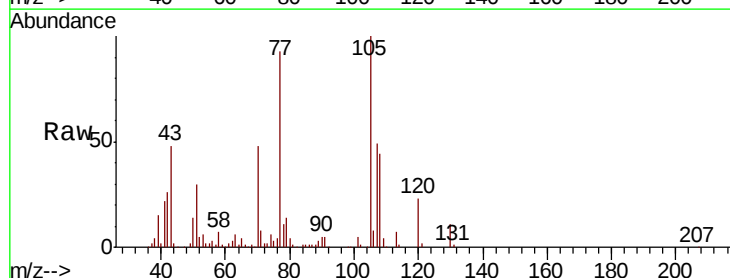
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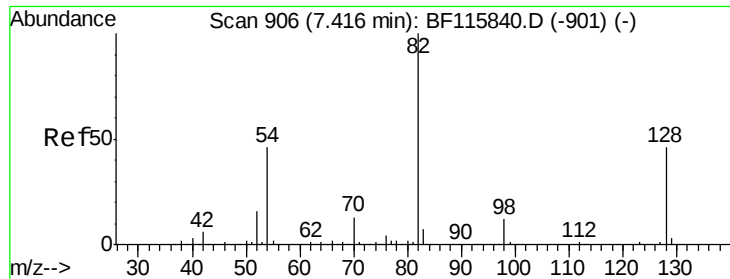
mohammad
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#22
Acetophenone
Concen: 11.398 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132324		
71	8.0		5.4	8.0
51	29.6		24.6	36.8
120	22.5		17.0	25.6





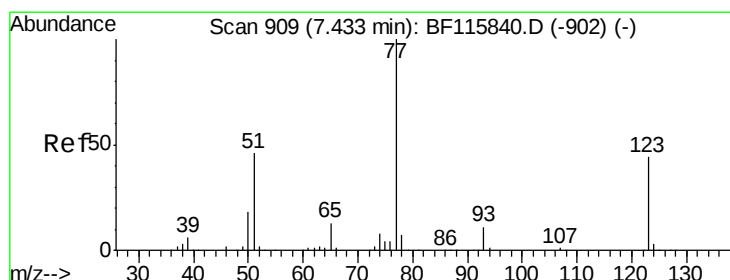
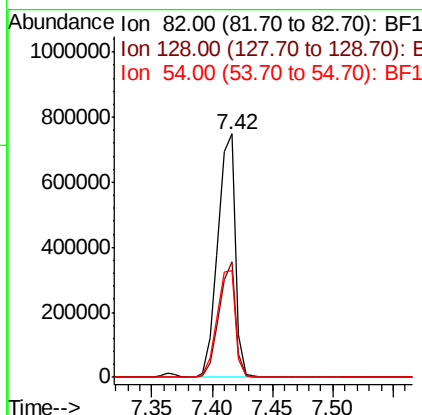
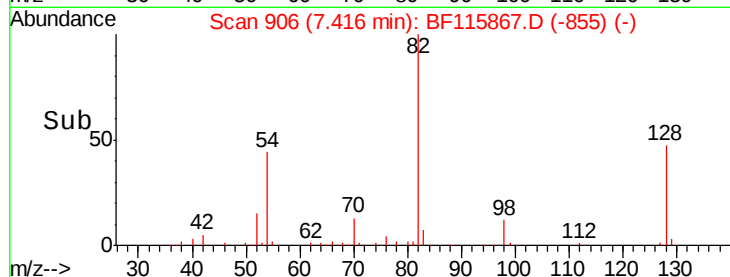
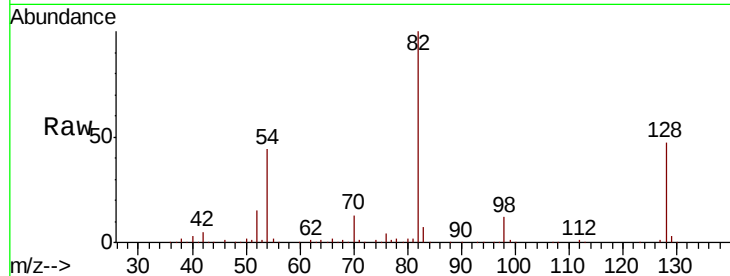
#23
 Nitrobenzene-d5
 Concen: 81.668 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.6	55.0
54	43.7	36.6	55.0

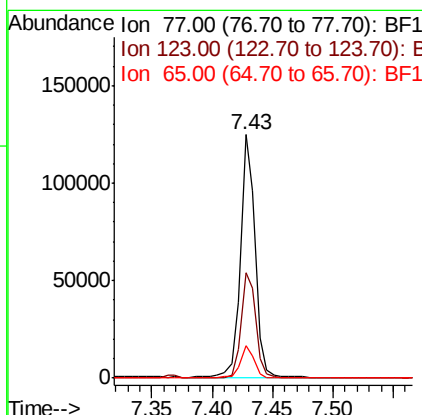
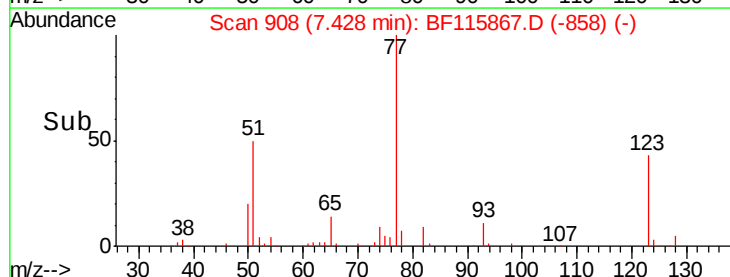
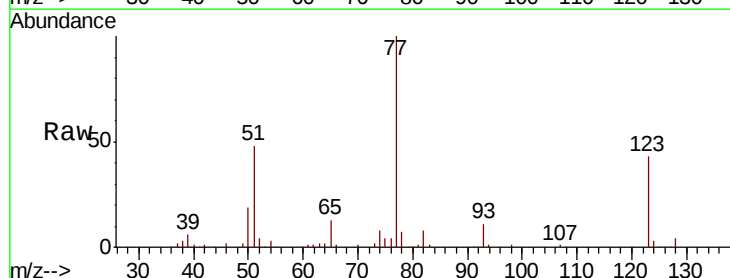
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#24
 Nitrobenzene
 Concen: 10.873 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	35.5	53.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 10.076 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

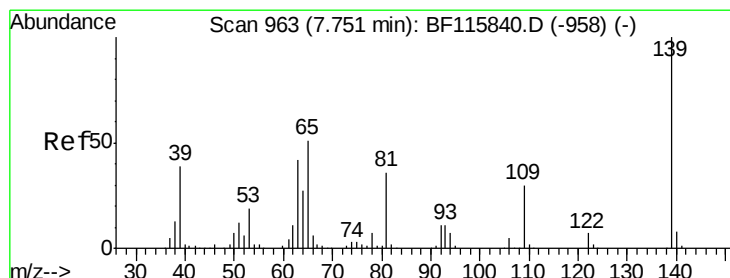
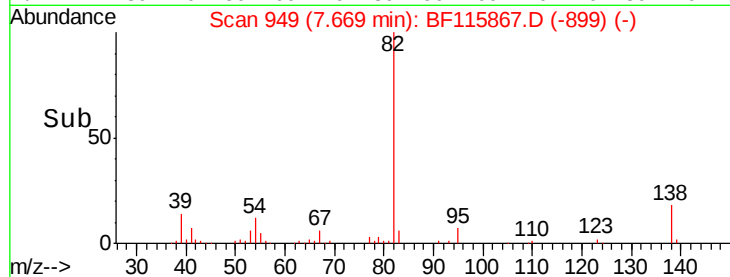
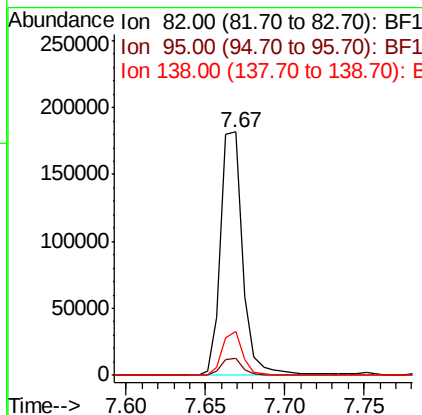
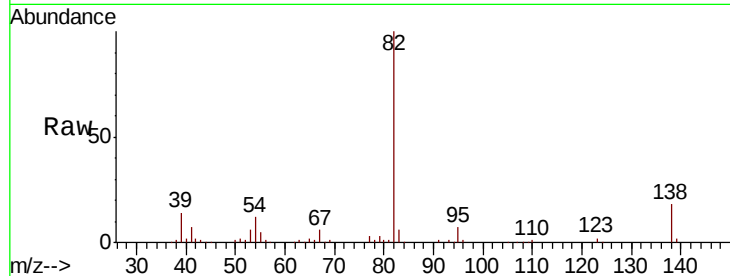
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	82	Resp:	176678
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	18.2	13.9	20.9

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#26

2-Nitrophenol

Concen: 9.336 ng

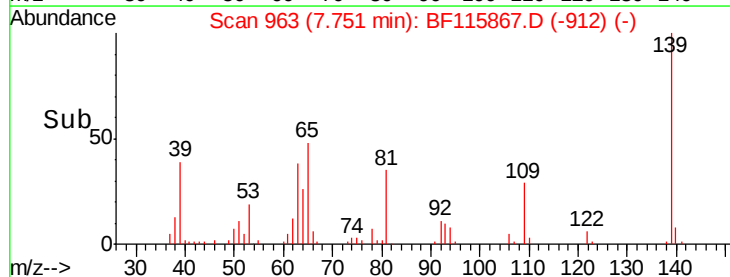
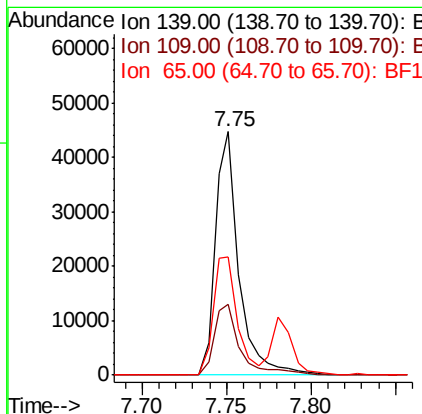
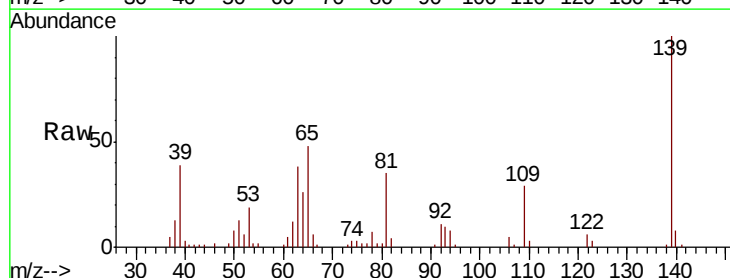
RT: 7.75 min Scan# 963

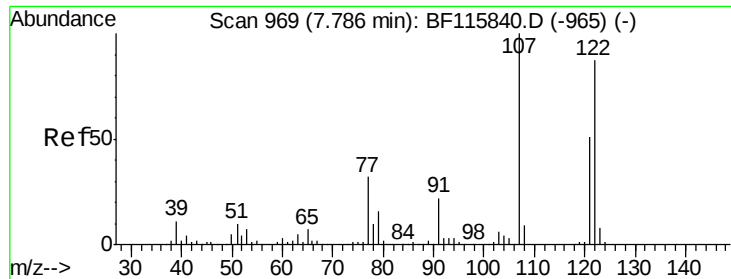
Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	139	Resp:	43576
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.6	35.4
65	48.3	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 11.051 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

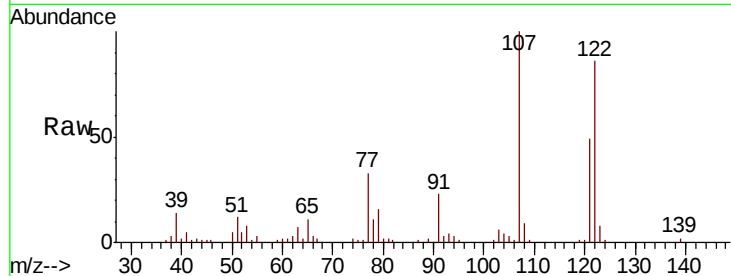
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.7	137.5
121	57.0	46.6	70.0

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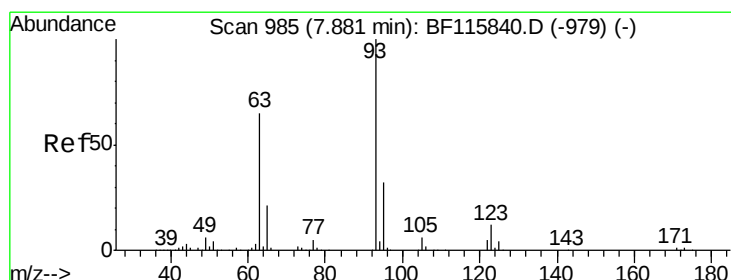
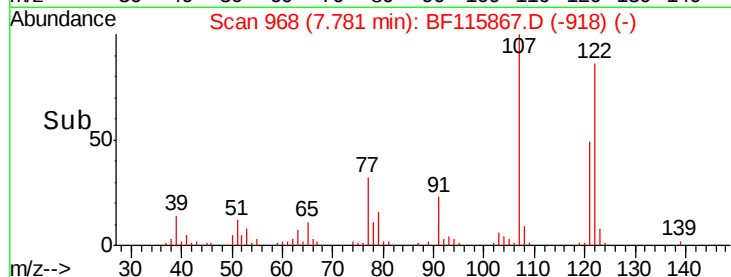
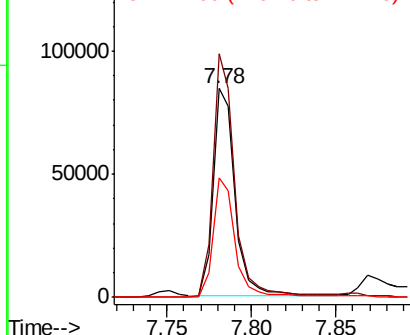


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.871 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

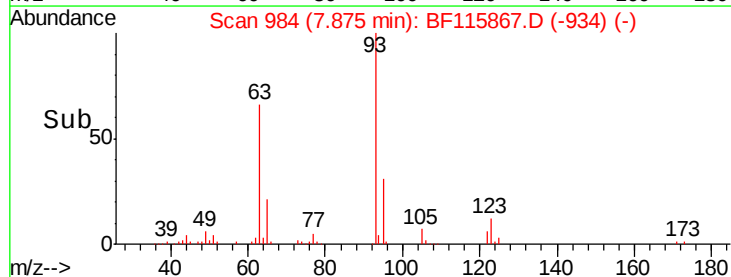
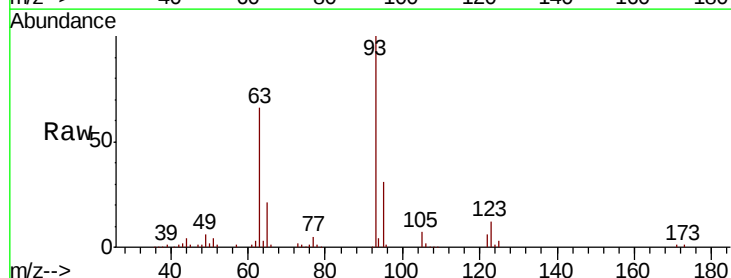
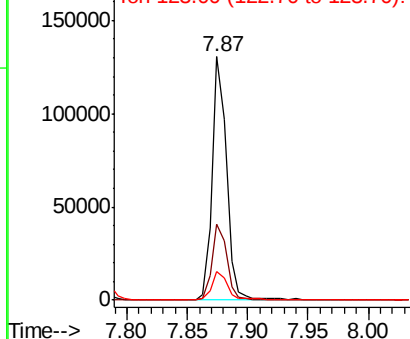
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.0	39.0
123	11.7	9.5	14.3

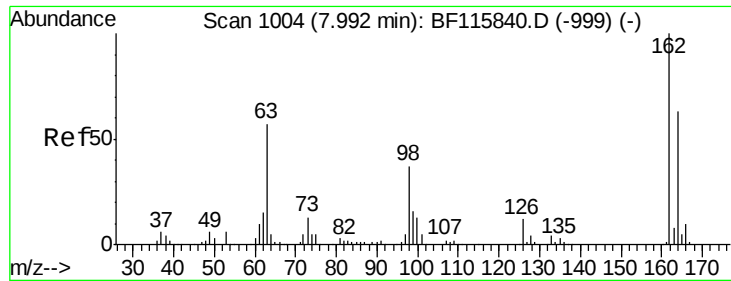
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





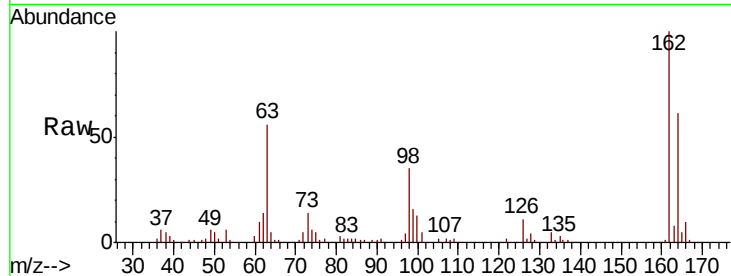
#29
2,4-Dichlorophenol
Concen: 10.130 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	43.2	83.2
98	35.0	17.3	57.3

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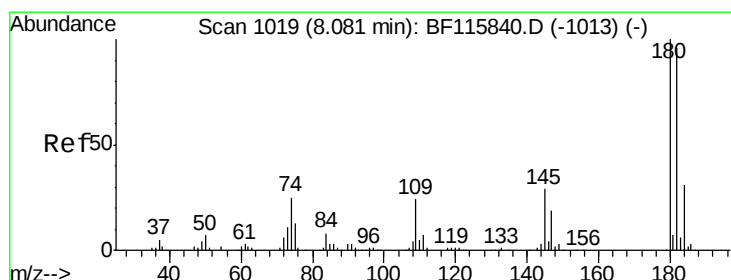
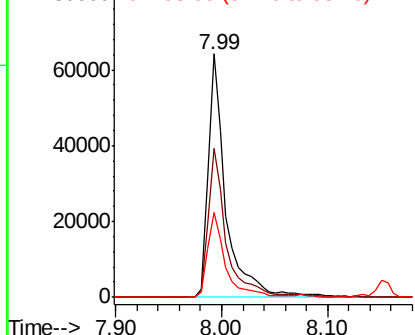
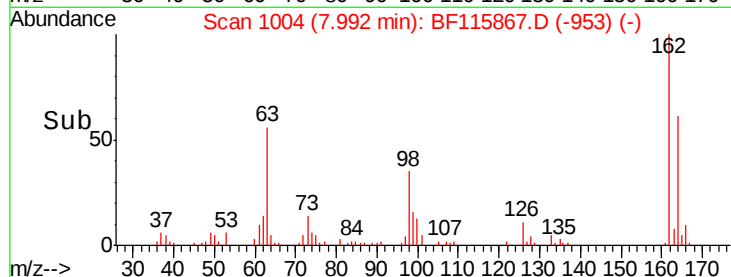


Abundance

Ion 162.00 (161.70 to 162.70): E

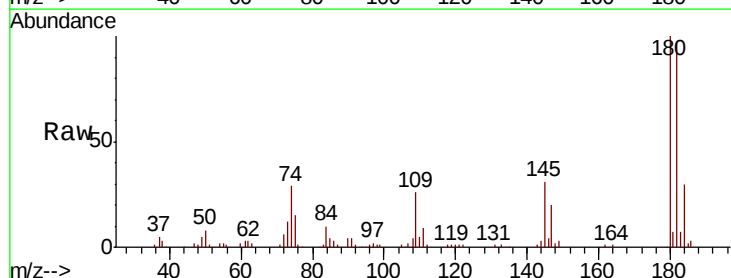
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 9.950 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.6	114.8
145	30.7	23.2	34.8

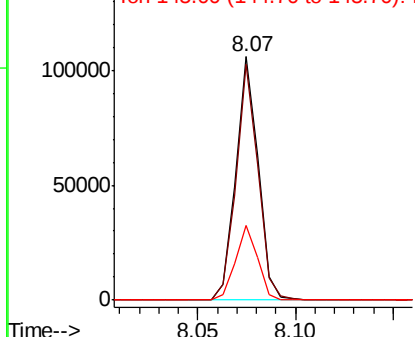
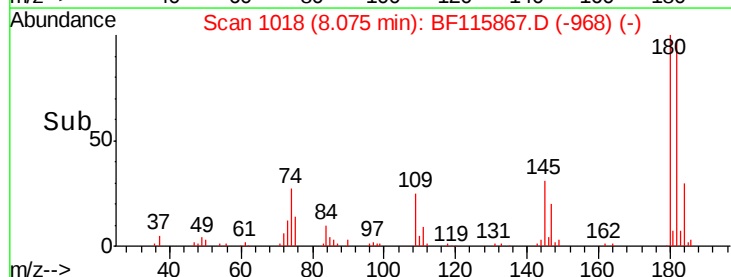


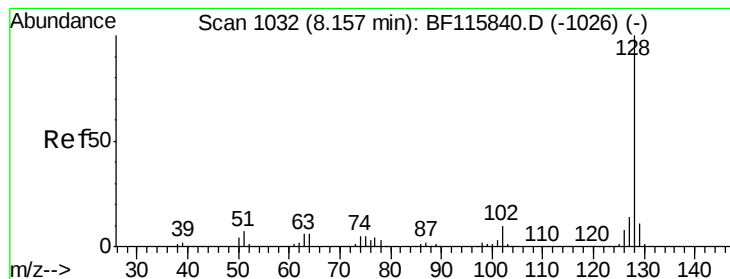
Abundance

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: 11.045 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

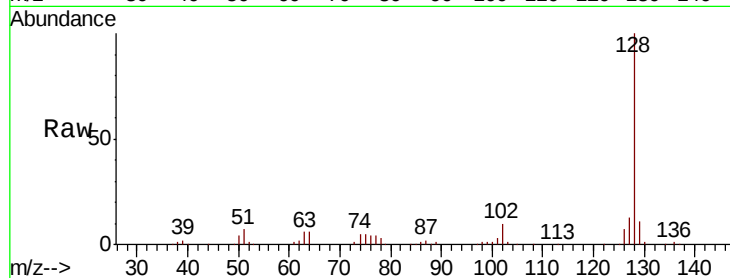
ClientSampleId :

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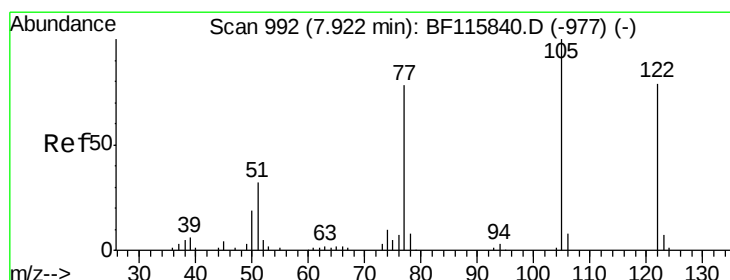
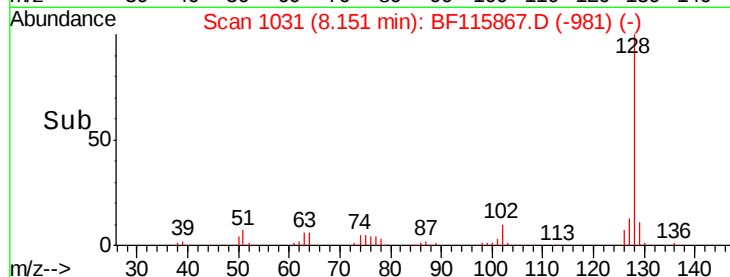
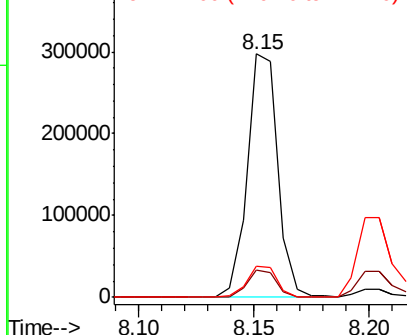
Tot Ion:	128	Resp:	275117
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.2	13.8
127	12.7	11.0	16.4

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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: 5.252 ng m

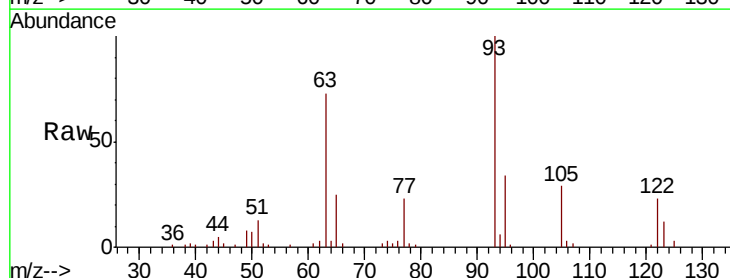
RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

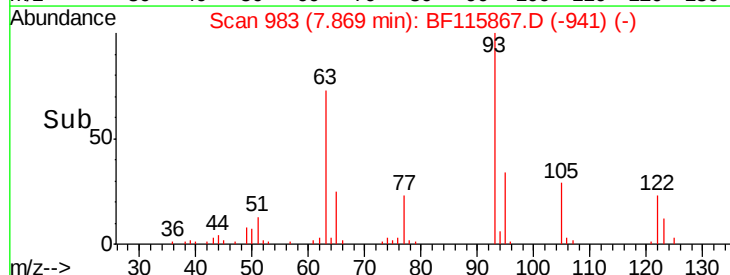
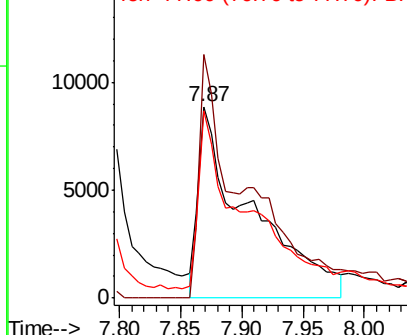
Lab File: BF115867.D

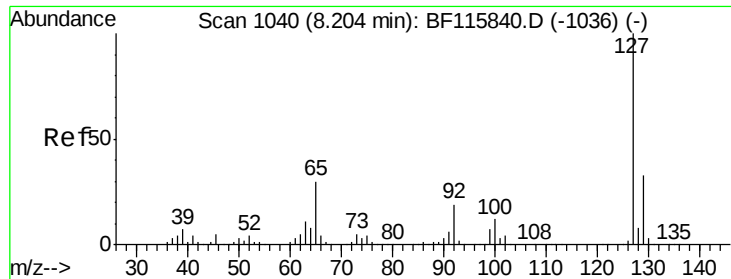
Acq: 31 Jul 2019 15:49

Tgt Ion:	122	Resp:	26003
Ion Ratio	Lower	Upper	
122	100		
105	127.0	103.1	143.1
77	97.8	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





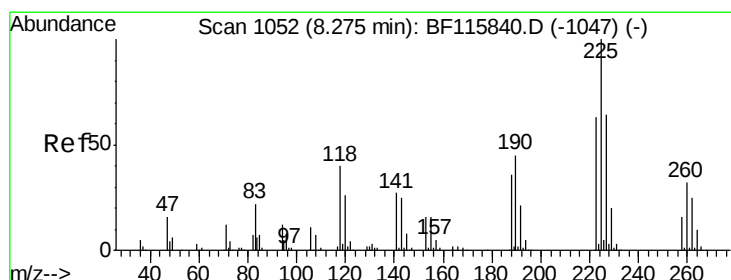
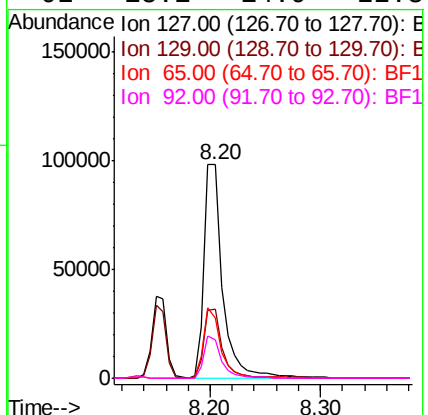
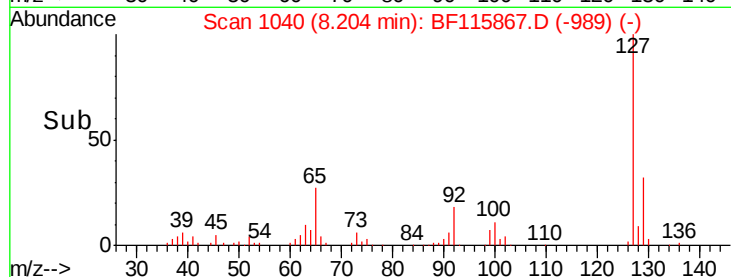
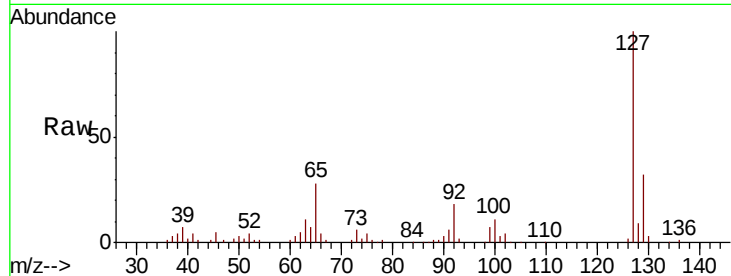
#33
4-Chloroaniline
Concen: 10.085 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	28.0	23.9	35.9
92	18.1	14.9	22.3

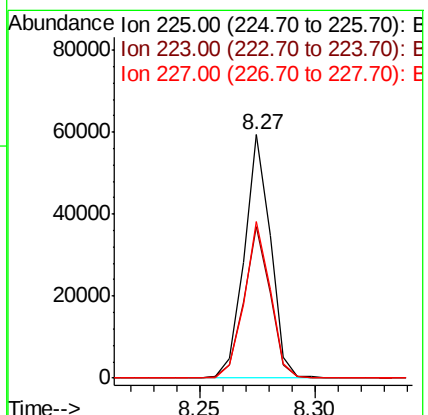
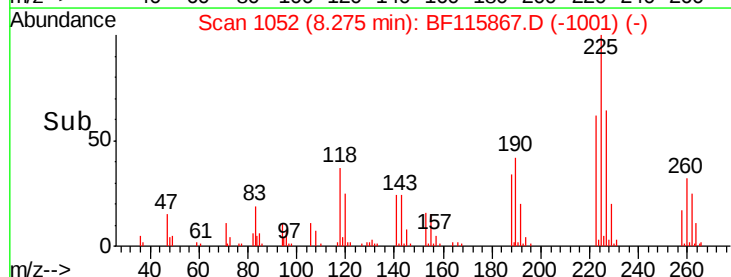
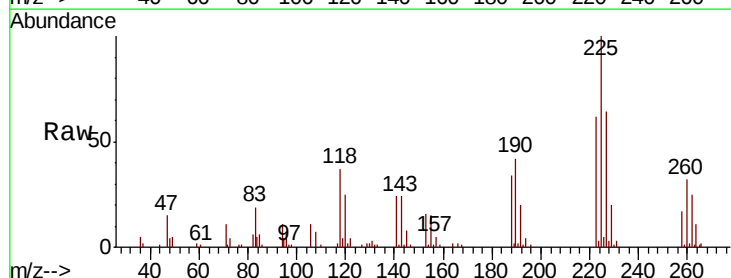
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#34
Hexachlorobutadiene
Concen: 9.678 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	67.1	51.6	77.4





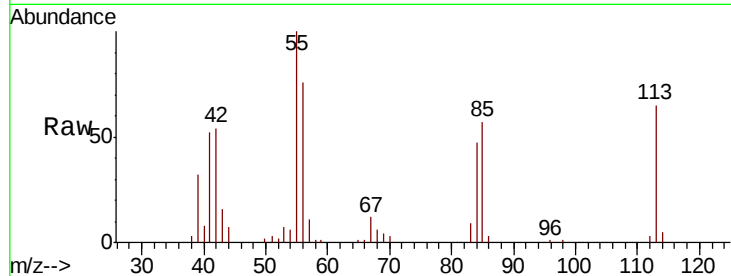
#35
Caprolactam
Concen: 9.433 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.9	138.1	178.1
56	117.2	100.6	140.6

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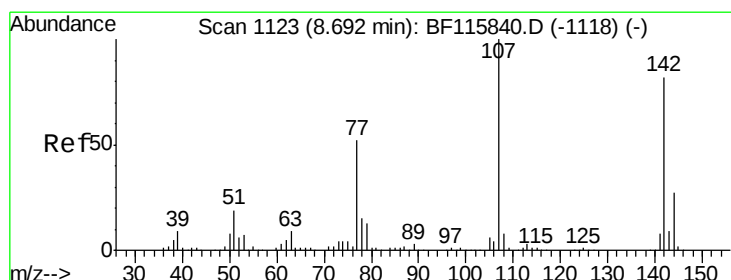
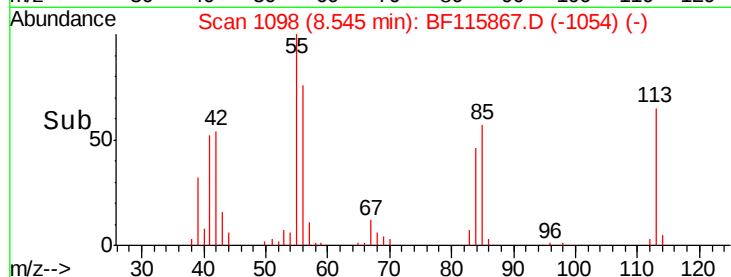
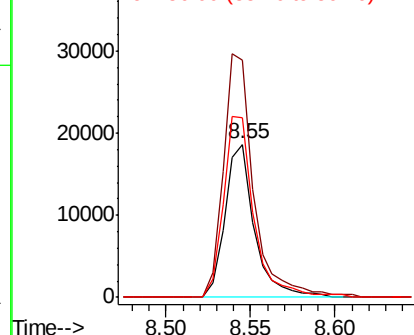


Abundance

Ion 113.00 (112.70 to 113.70): E

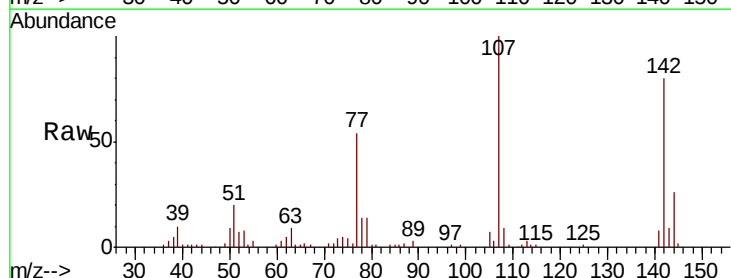
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 10.115 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.4	32.0
142	79.5	65.5	98.3

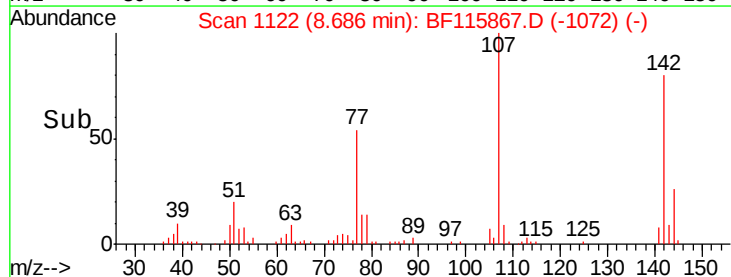
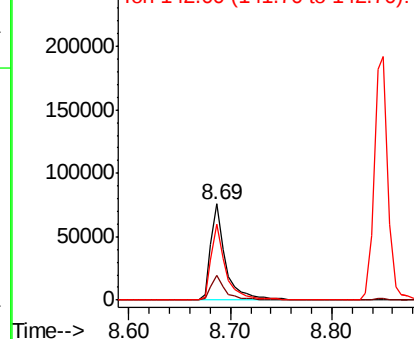


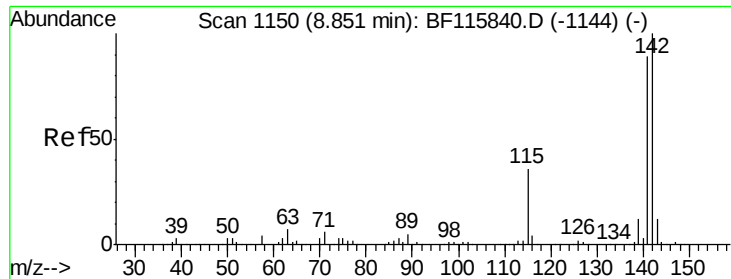
Abundance

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





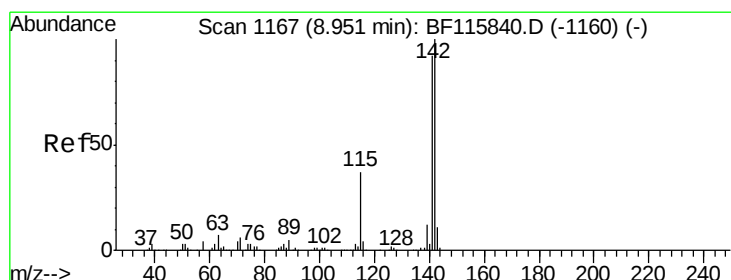
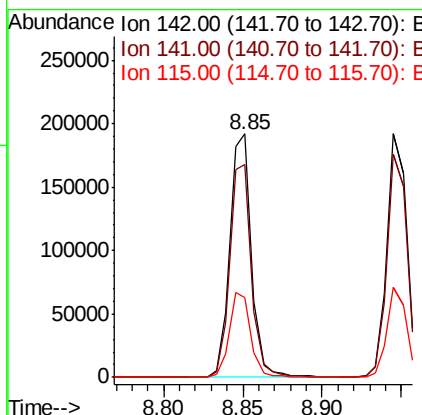
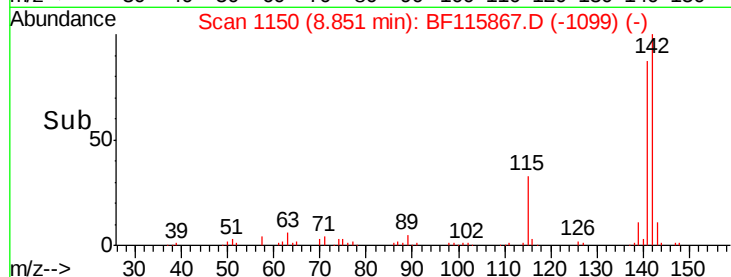
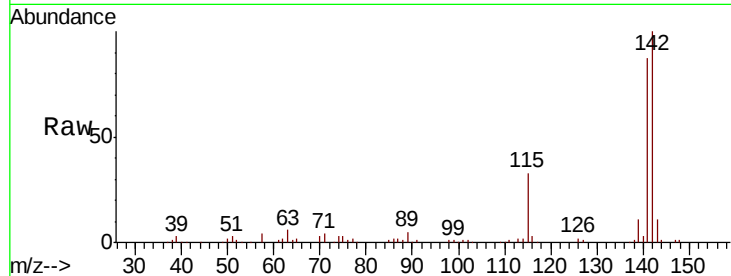
#37
2-Methylnaphthalene
Concen: 11.033 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.4	107.2
115	32.9	28.9	43.3

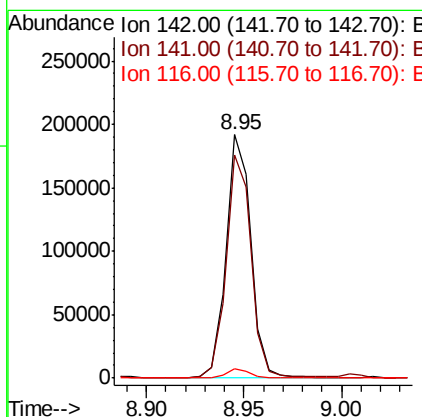
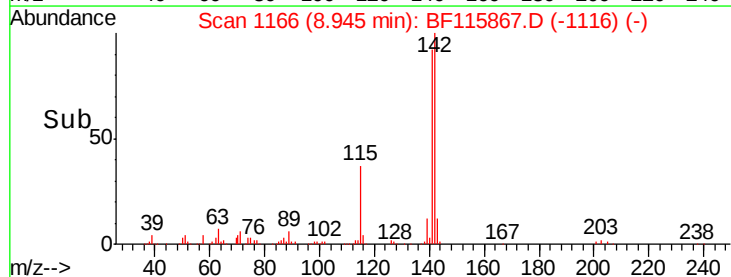
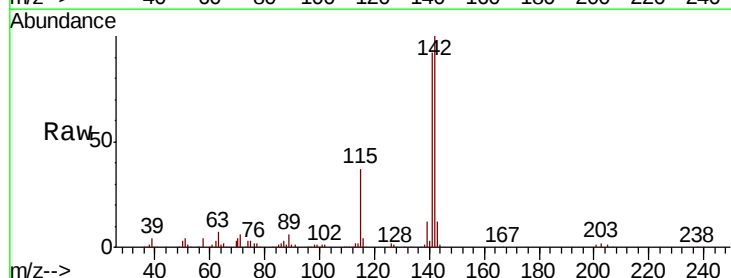
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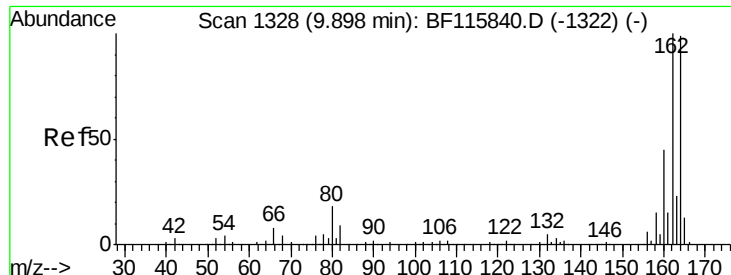
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#38
1-Methylnaphthalene
Concen: 10.891 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.6
116	4.0	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: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

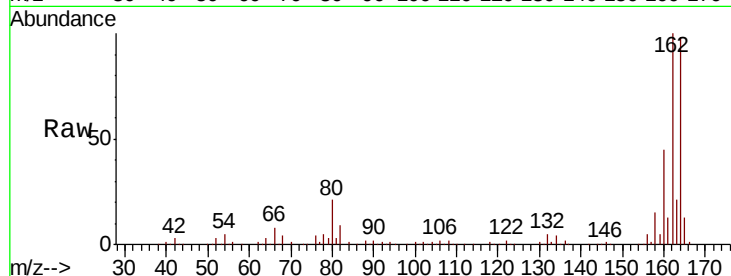
ClientSampleId :

LOQ-WATER-02-QT3-2019

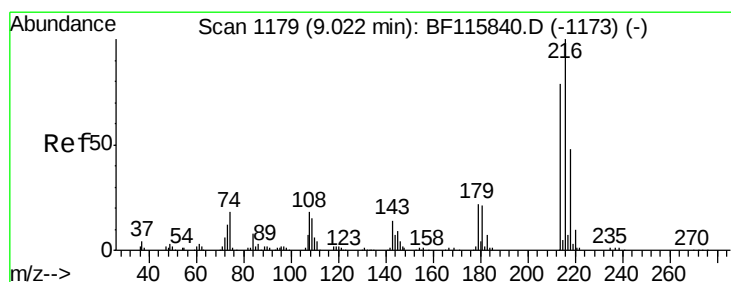
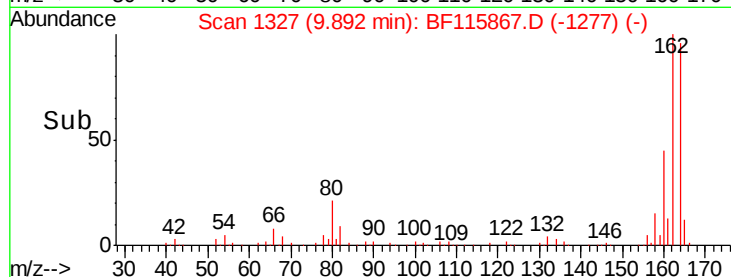
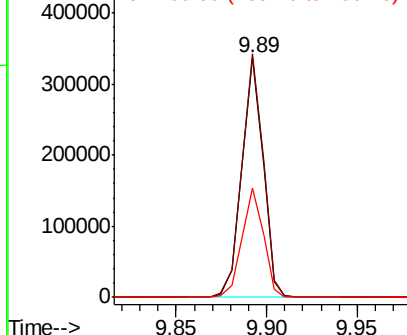
Tot Ion:	164	Resp:	275476
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.8	121.2
160	45.8	36.2	54.4

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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: 10.680 ng

RT: 9.02 min Scan# 1178

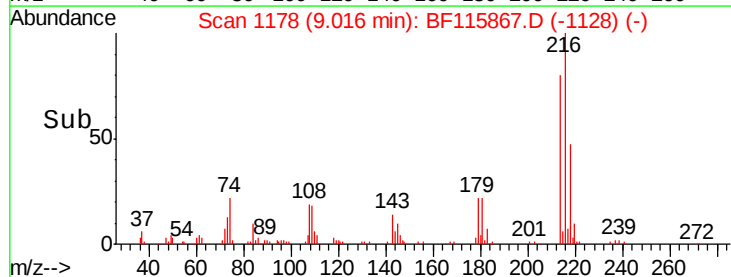
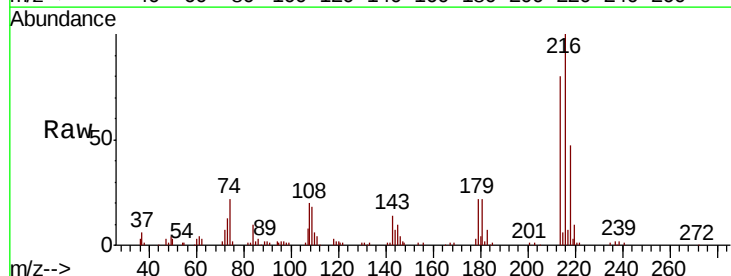
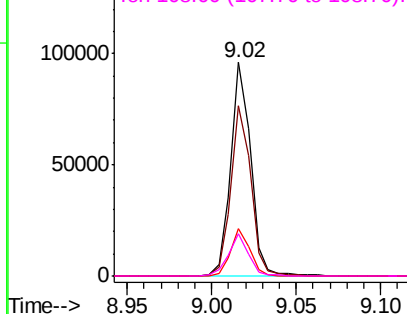
Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	216	Resp:	78656
Ion Ratio	Lower	Upper	
216	100		
214	79.6	62.8	94.2
179	21.4	17.6	26.4
108	19.5	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: 5.504 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

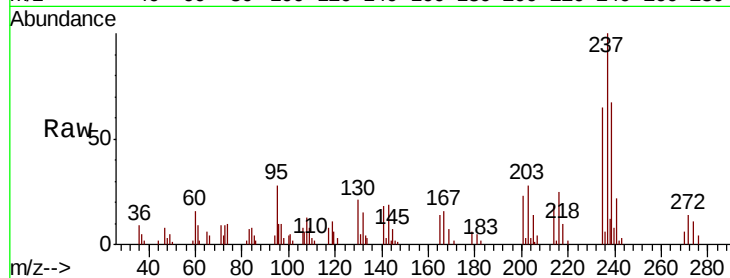
ClientSampleId :

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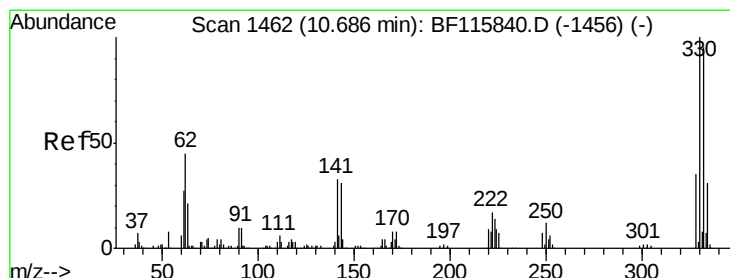
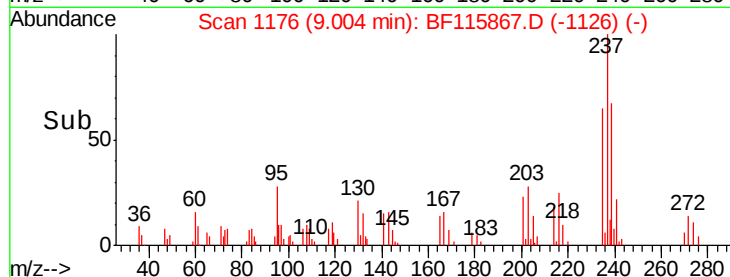
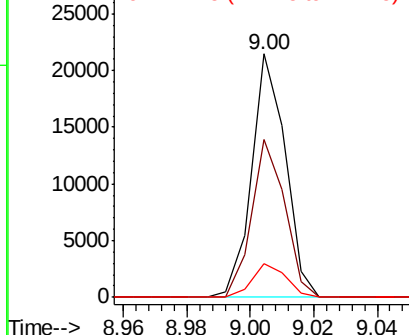
Tot Ion:	237	Resp:	15843
Ion Ratio	Lower	Upper	
237	100		
235	64.7	42.5	82.5
272	14.0	0.0	33.3

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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: 116.852 ng

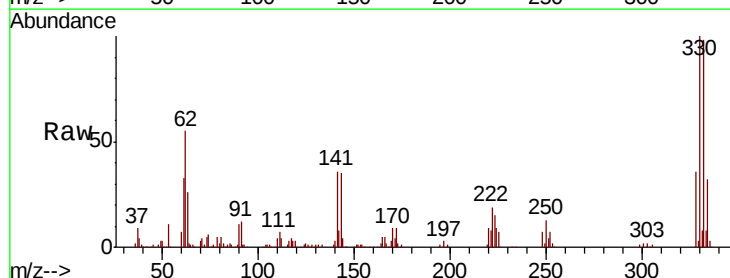
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

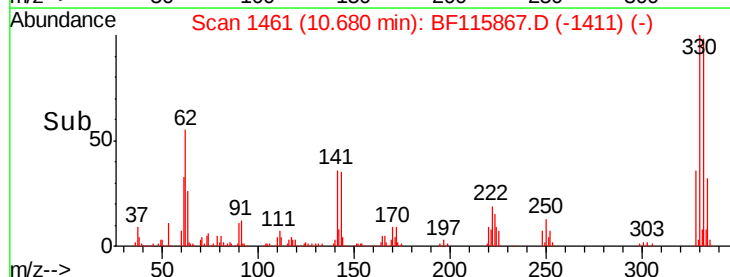
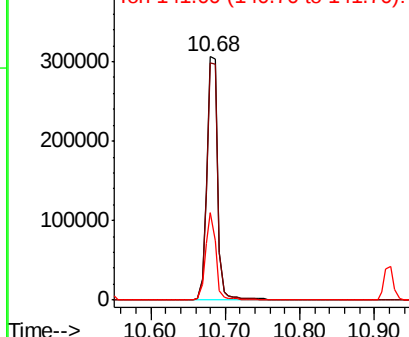
Lab File: BF115867.D

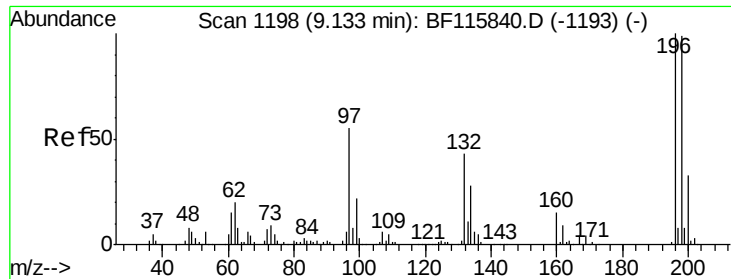
Acq: 31 Jul 2019 15:49

Tgt Ion:	330	Resp:	312089
Ion Ratio	Lower	Upper	
330	100		
332	96.8	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





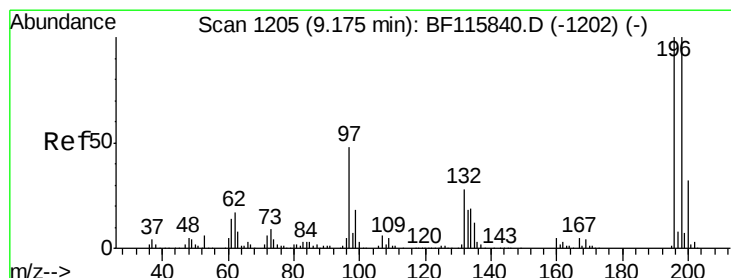
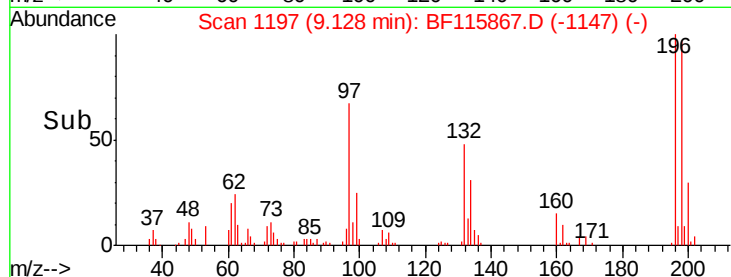
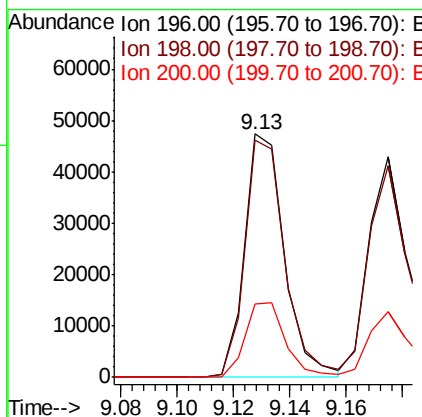
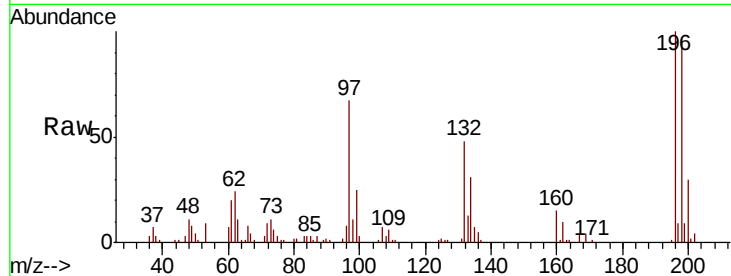
#43
 2,4,6-Trichlorophenol
 Concen: 9.170 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	46482		
198	97.3	79.1	118.7	
200	30.1	26.0	39.0	

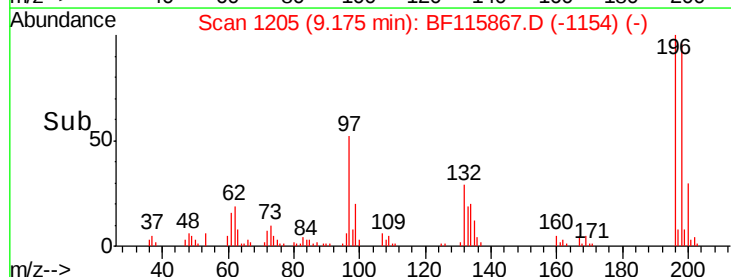
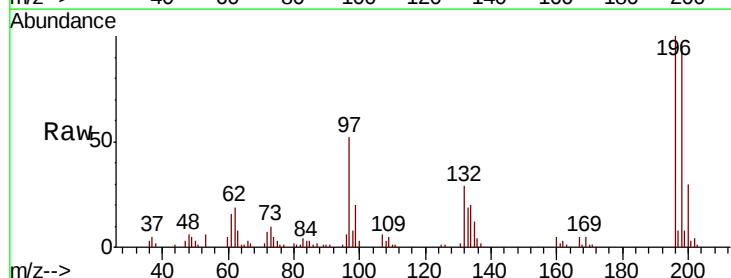
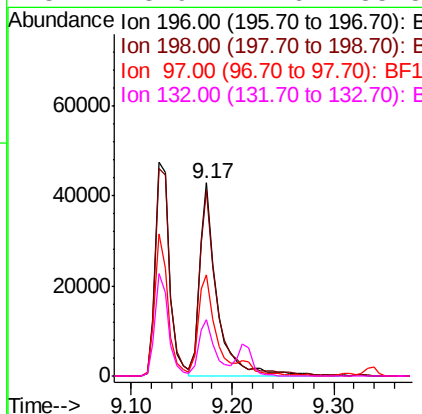
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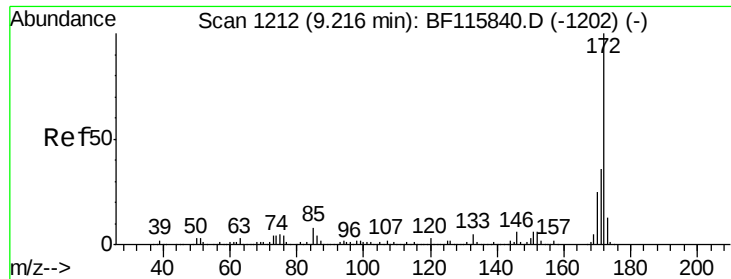
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#44
 2,4,5-Trichlorophenol
 Concen: 9.781 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51252		
198	96.0	80.1	120.1	
97	52.2	38.9	58.3	
132	28.9	22.6	33.8	





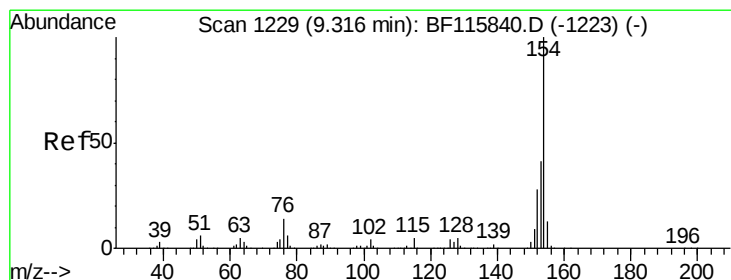
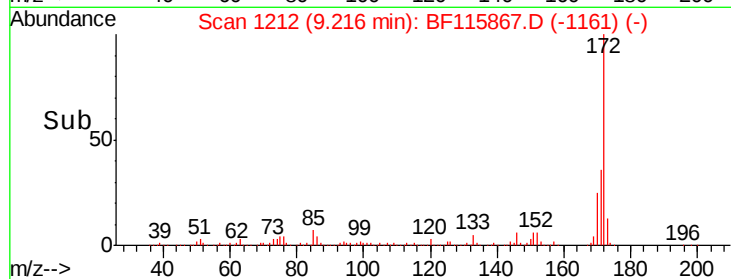
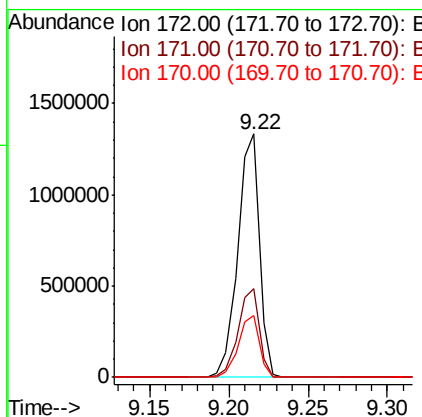
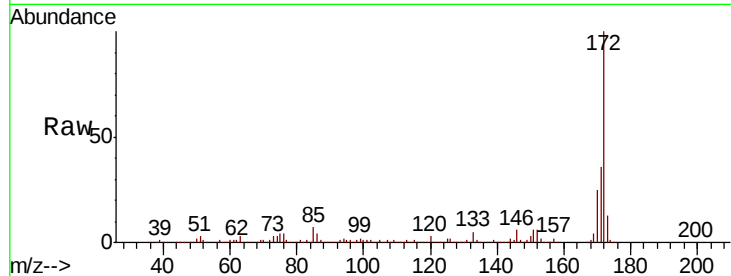
#45
2-Fluorobiphenyl
Concen: 85.607 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	25.2	20.1	30.1

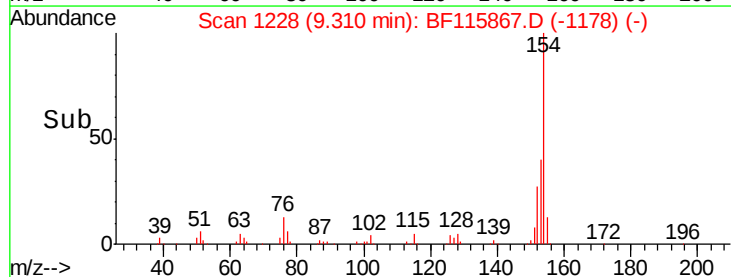
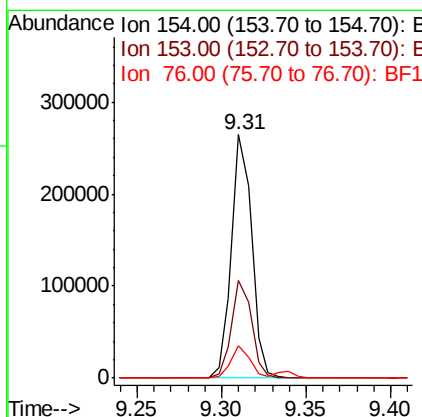
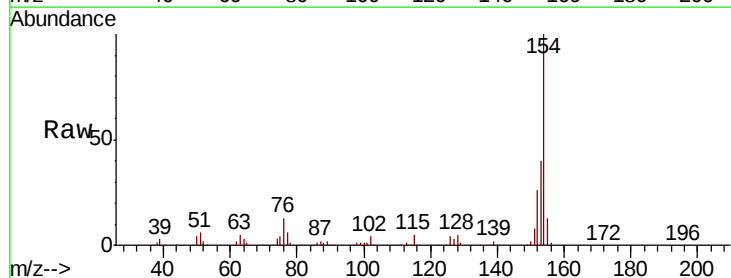
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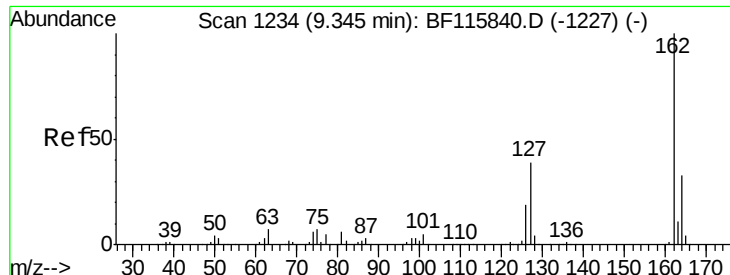
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#46
1,1'-Biphenyl
Concen: 11.404 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	13.1	0.0	34.3





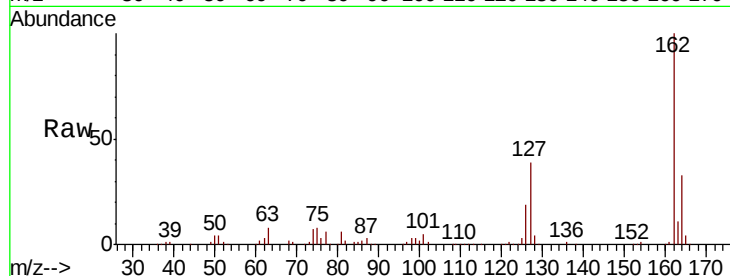
#47
2-Chloronaphthalene
Concen: 10.411 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

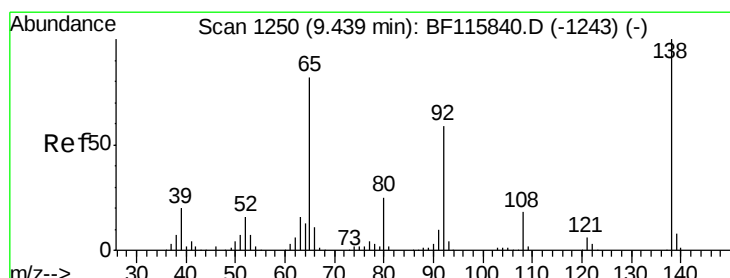
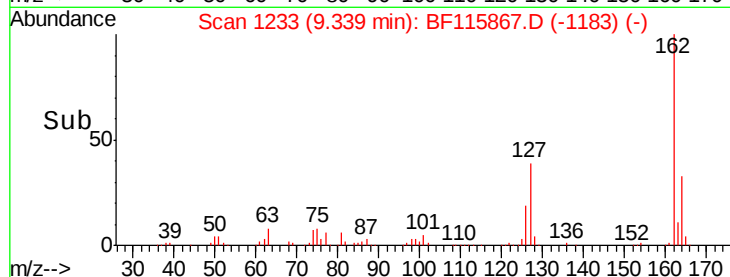
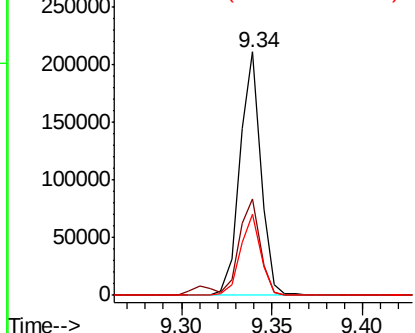
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.5	31.3	46.9
164	33.1	26.6	40.0

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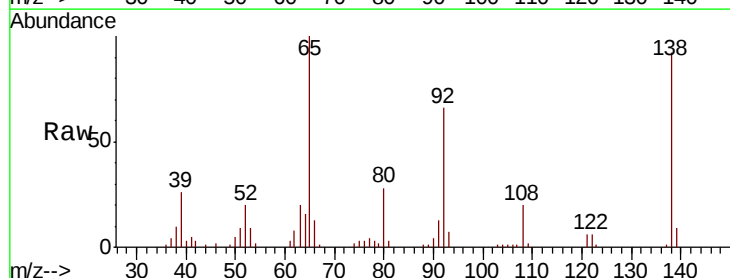


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

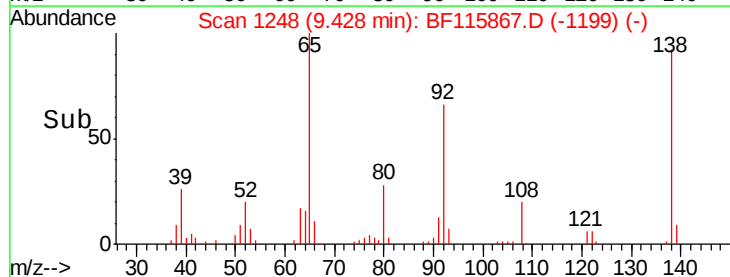
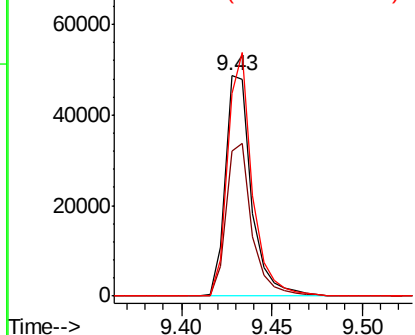


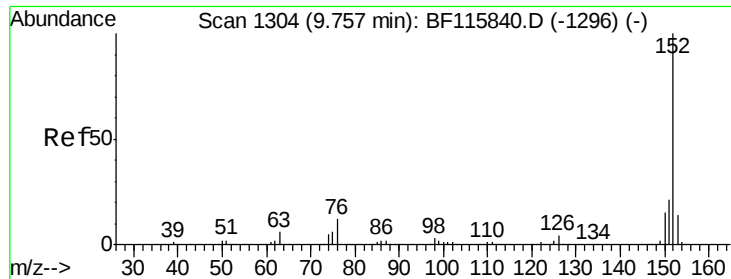
#48
2-Nitroaniline
Concen: 9.200 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.9	57.1	85.7
138	92.1	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





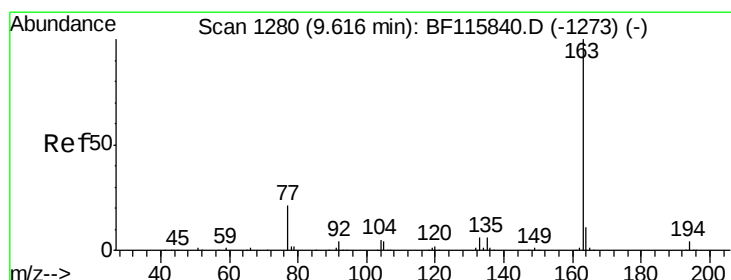
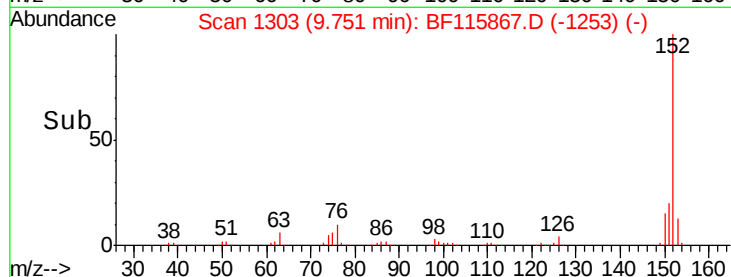
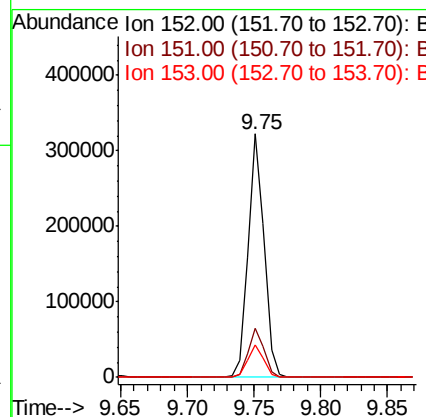
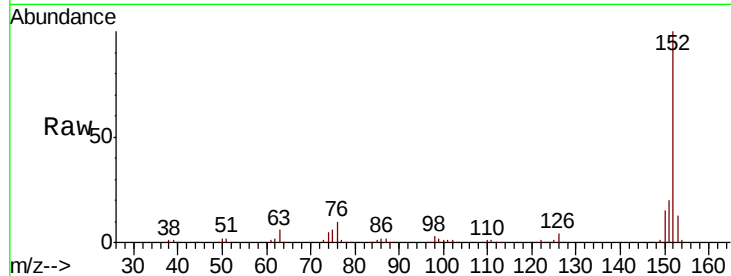
#49
Acenaphthylene
Concen: 11.277 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.4	11.6	17.4

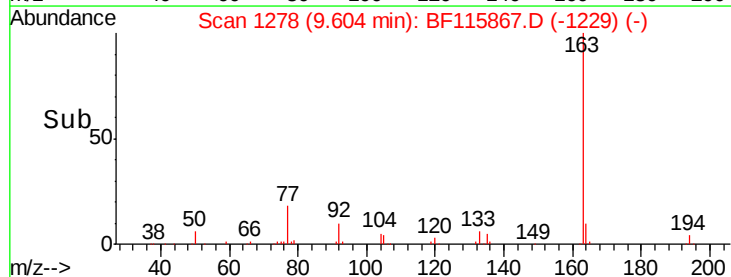
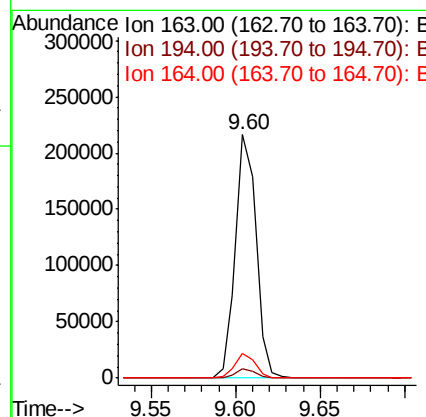
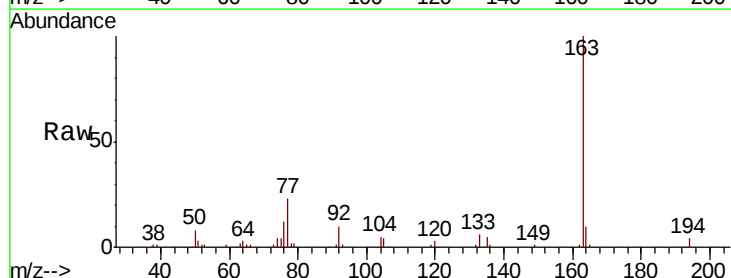
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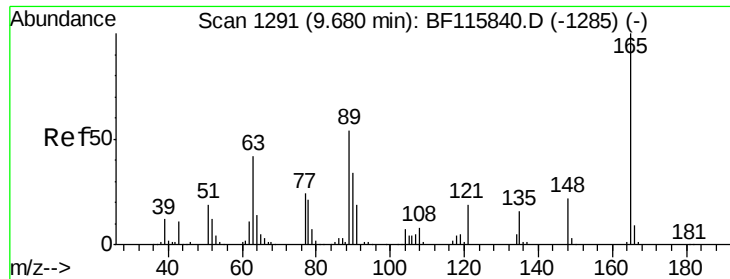
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#50
Dimethylphthalate
Concen: 9.806 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.4	12.6





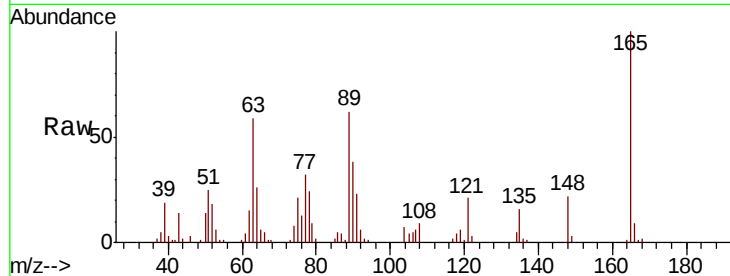
#51
2,6-Dinitrotoluene
Concen: 9.771 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

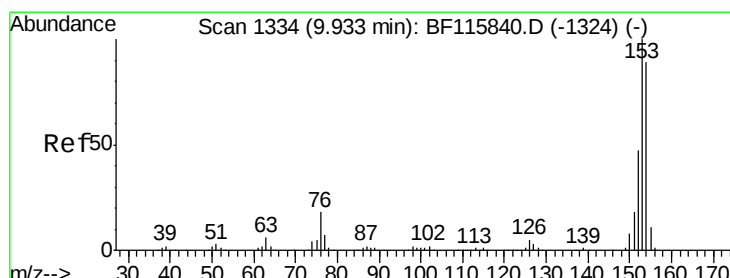
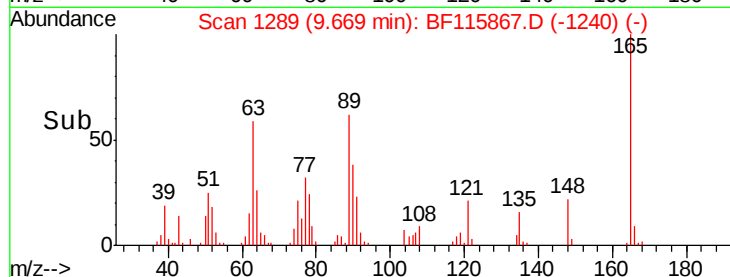
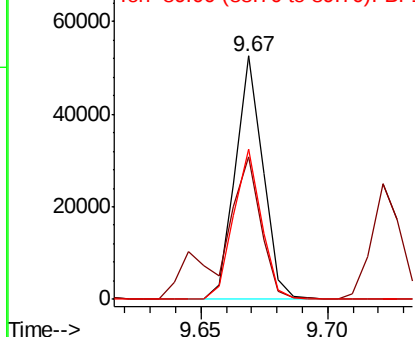
Tot Ion:	165	Resp:	39828
Ion Ratio	Lower	Upper	
165	100		
63	58.6	39.4	59.2
89	61.6	43.0	64.6

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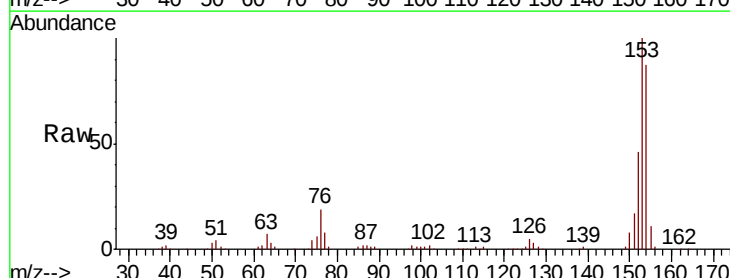


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

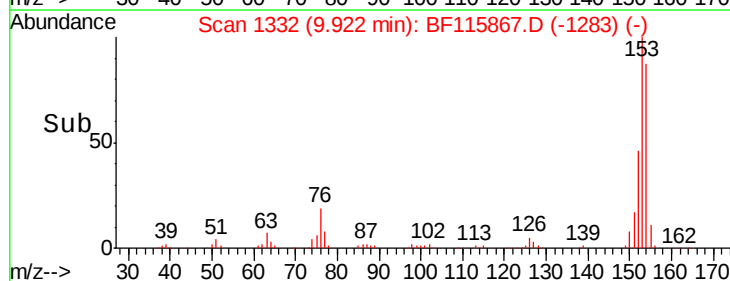
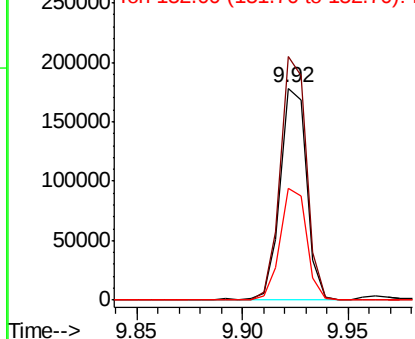


#52
Acenaphthene
Concen: 10.815 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion:	154	Resp:	156678
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.1	135.1
152	52.8	42.6	63.8



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





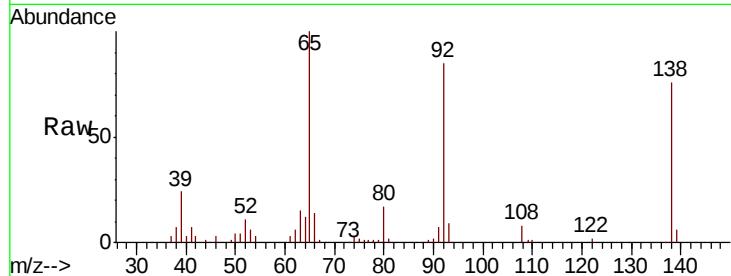
#53
3-Nitroaniline
Concen: 8.937 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

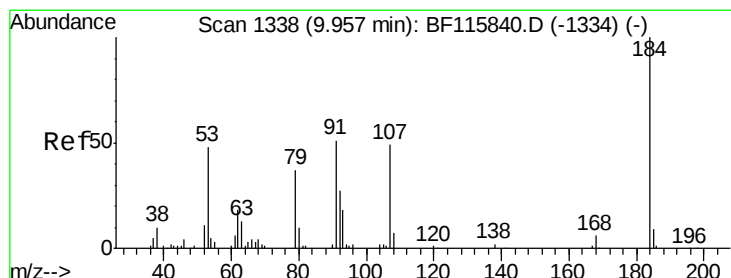
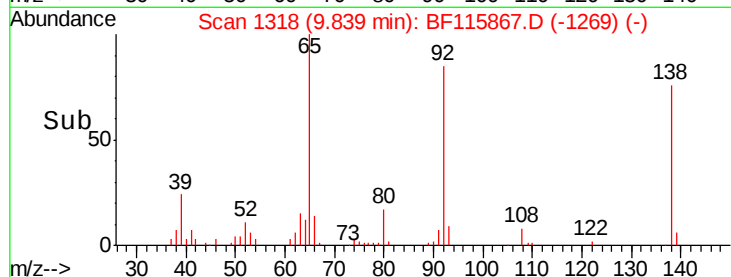
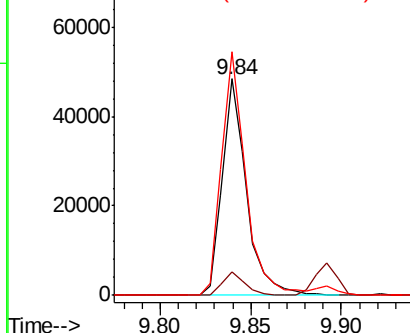
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.4	11.2
92	112.4	83.9	125.9

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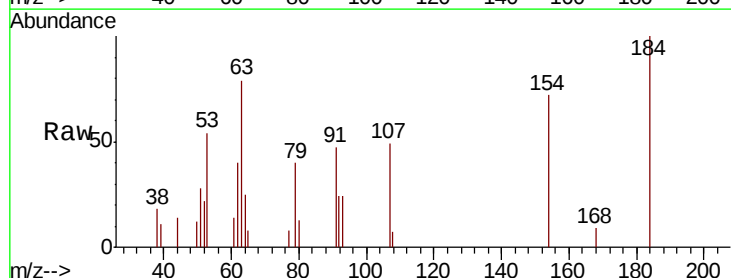


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

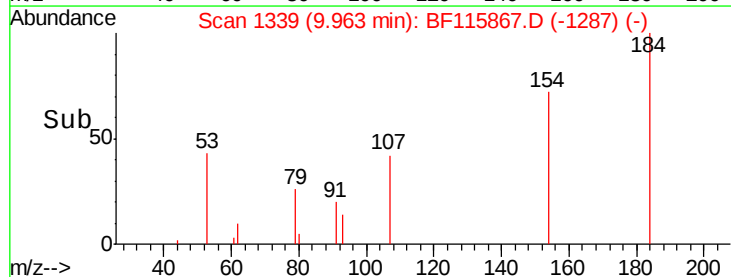
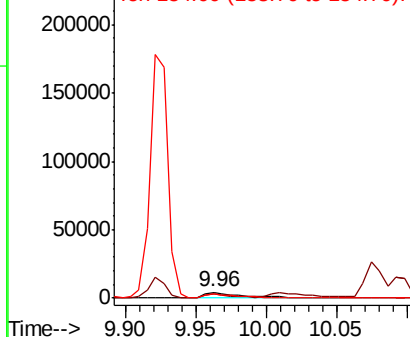


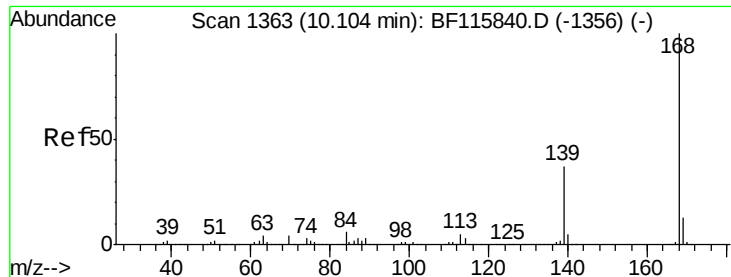
#54
2,4-Dinitrophenol
Concen: 4.422 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.5	56.7	85.1
154	71.8	51.9	77.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 11.209 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

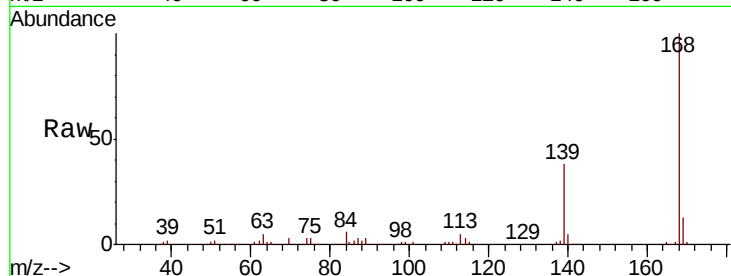
ClientSampleId :

LOQ-WATER-02-QT3-2019

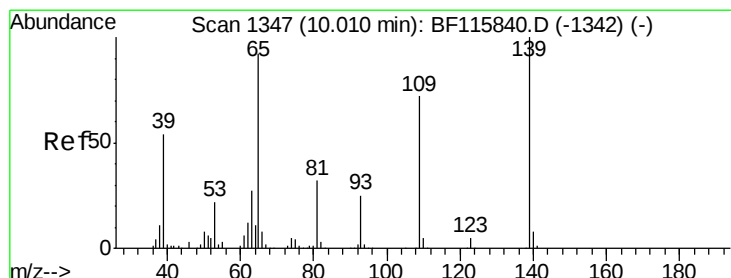
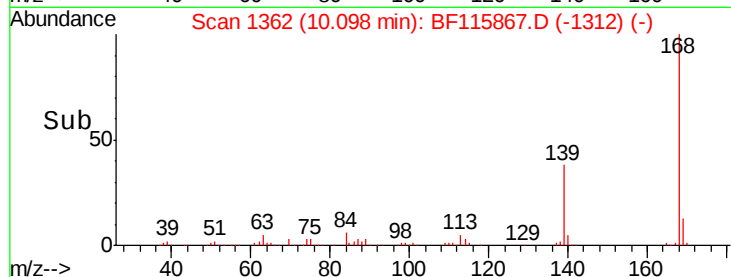
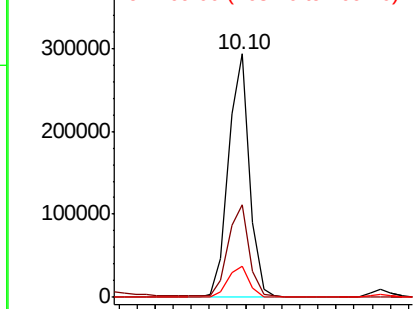
Tot Ion:	168	Resp:	236169
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.2	45.2
169	13.0	10.8	16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.886 ng

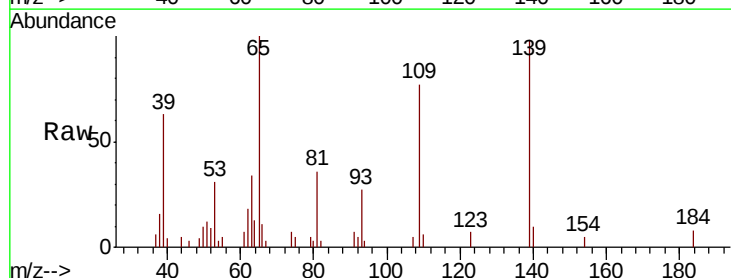
RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

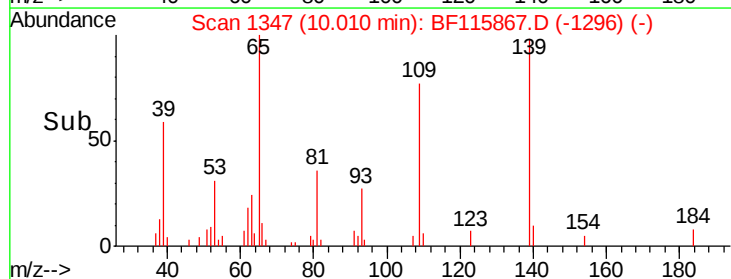
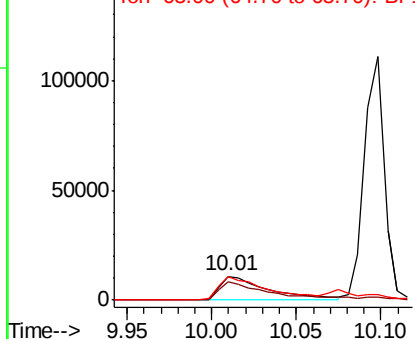
Lab File: BF115867.D

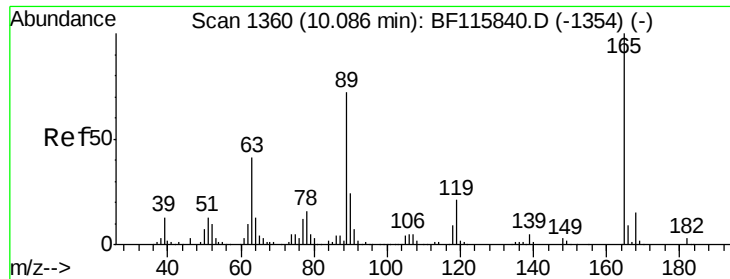
Acq: 31 Jul 2019 15:49

Tgt Ion:	139	Resp:	22216
Ion Ratio	Lower	Upper	
139	100		
109	78.1	52.0	92.0
65	101.6	72.6	112.6



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





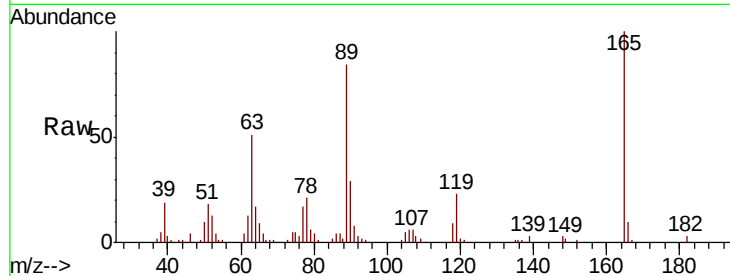
#57
2,4-Dinitrotoluene
Concen: 9.322 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	50593		
63	50.6	33.2	49.8	
89	84.1	57.3	85.9	
182	2.7	2.1	3.1	

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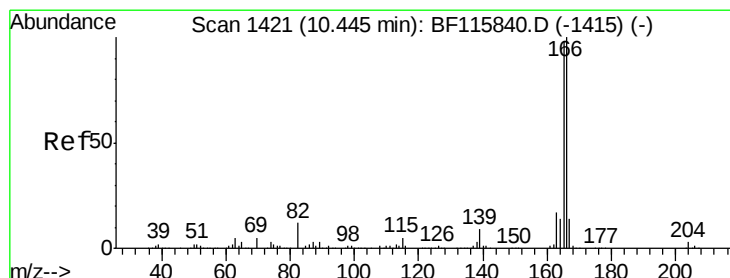
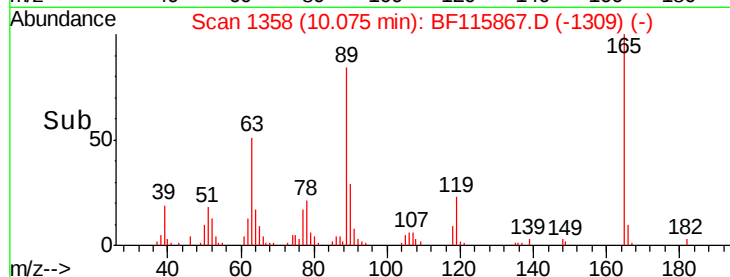
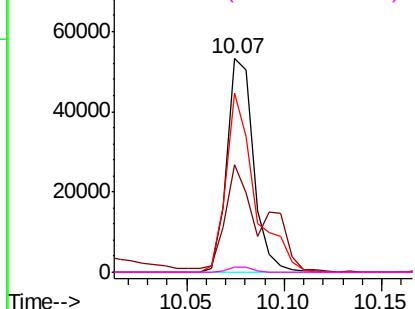
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

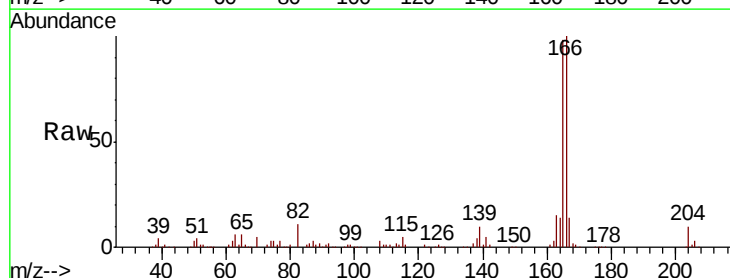
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 11.291 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	183017		
165	98.0	78.6	118.0	
167	13.6	10.9	16.3	

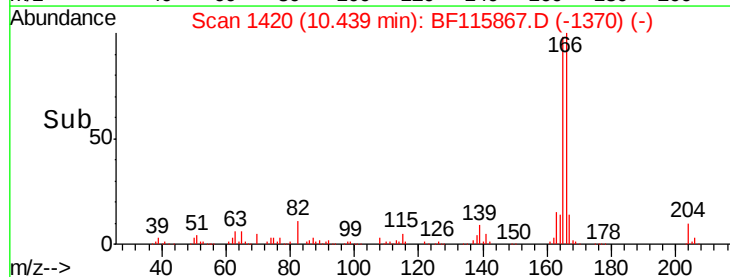
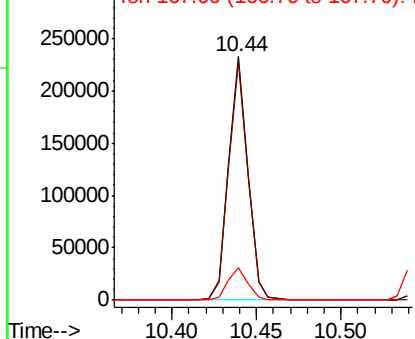


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





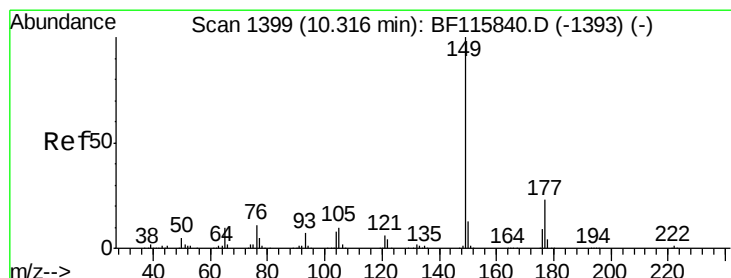
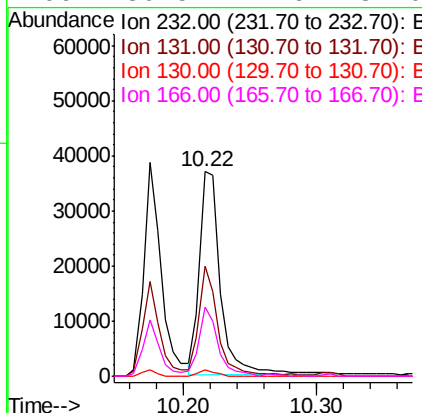
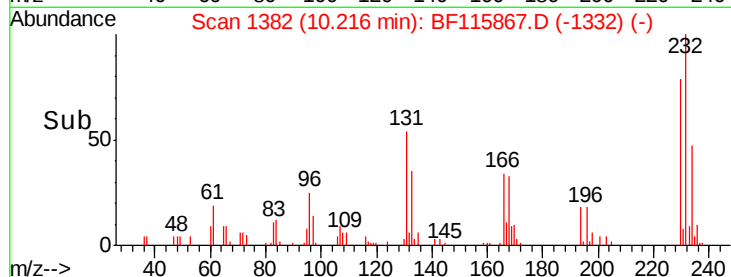
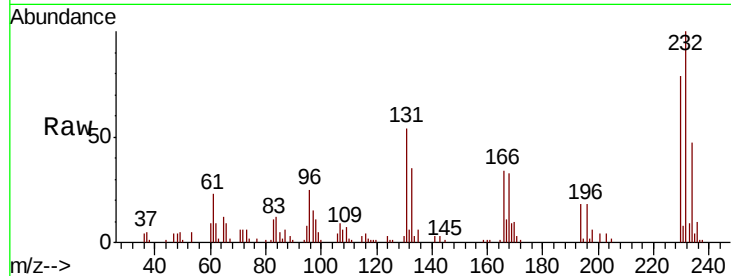
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.205 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.6	37.6	56.4
130	2.5	1.8	2.8
166	30.5	24.6	37.0

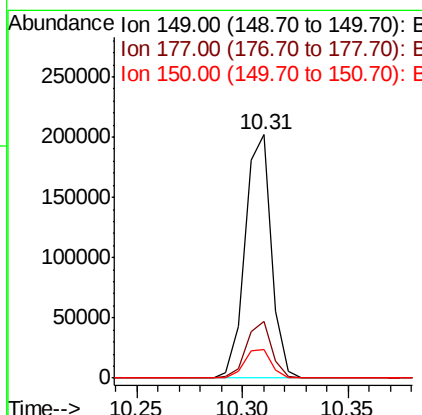
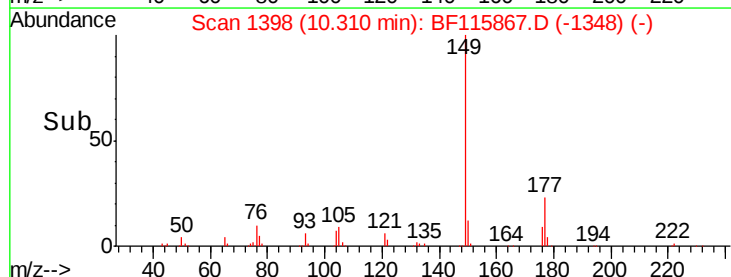
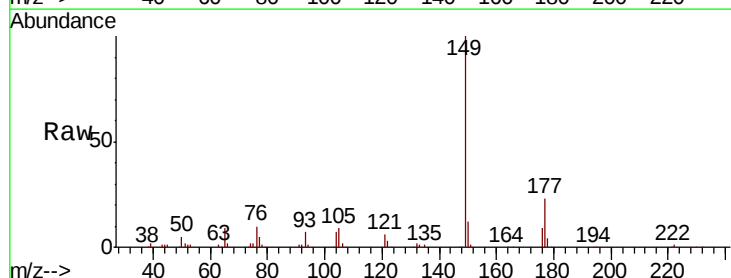
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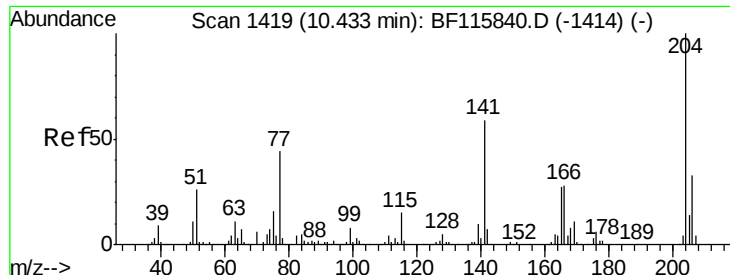
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#60
Diethylphthalate
Concen: 9.954 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	11.9	10.1	15.1





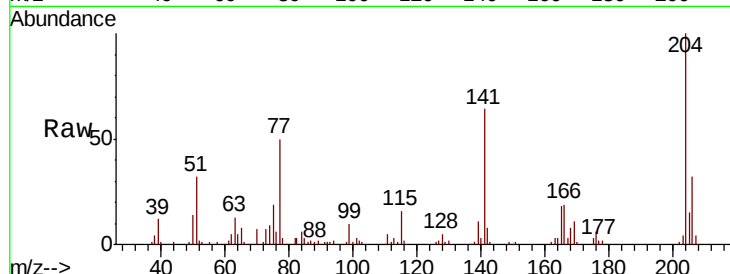
#61
 4-Chlorophenyl-phenylether
 Concen: 10.486 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

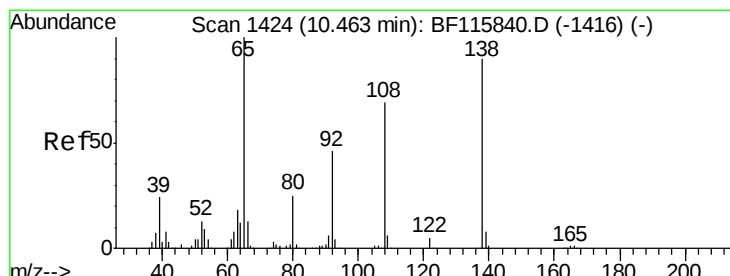
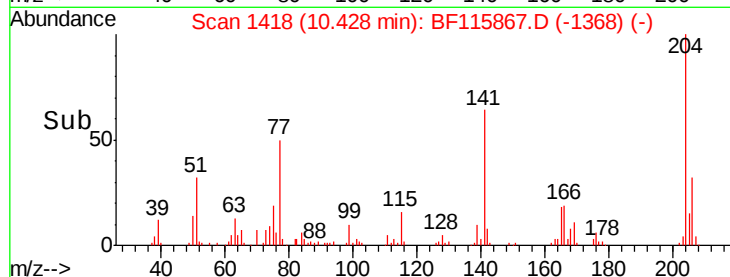
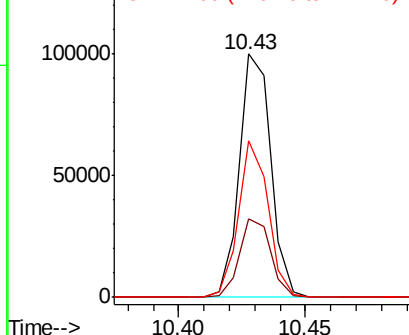
Tot Ion:	204	Resp:	86085
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.4	39.6
141	64.5	47.0	70.4

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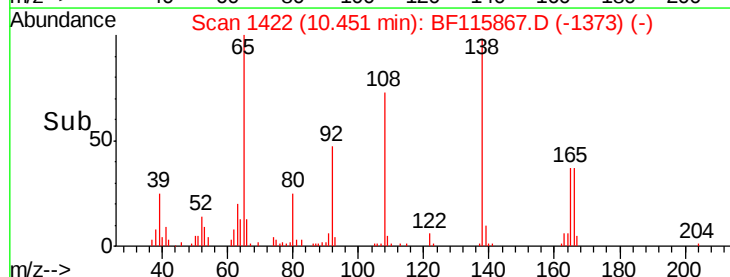
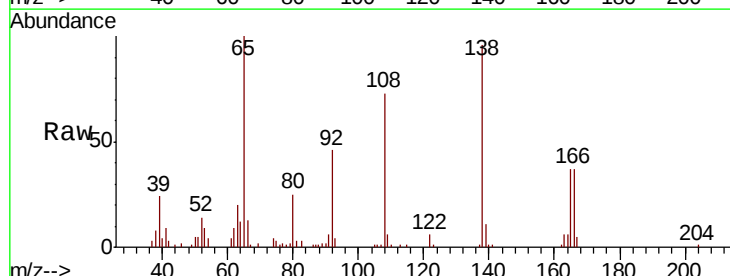
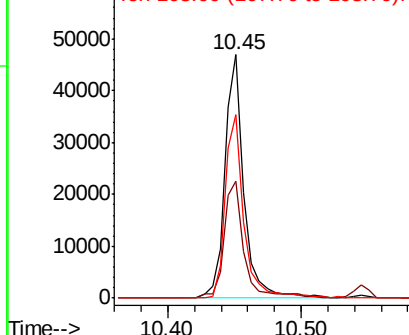
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

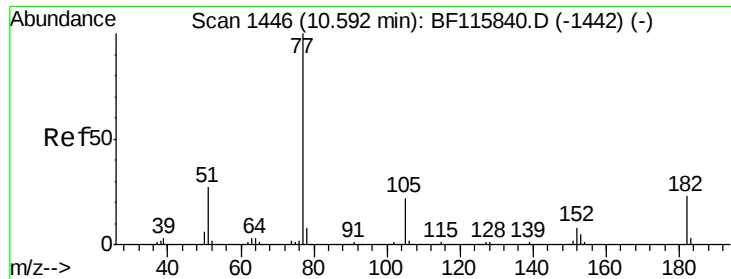


#62
 4-Nitroaniline
 Concen: 9.054 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:	138	Resp:	47129
Ion Ratio	Lower	Upper	
138	100		
92	47.8	31.0	71.0
108	75.2	56.7	96.7

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





#63

Azobenzene

Concen: 10.613 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

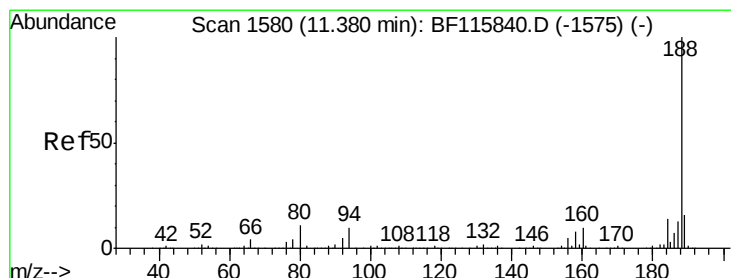
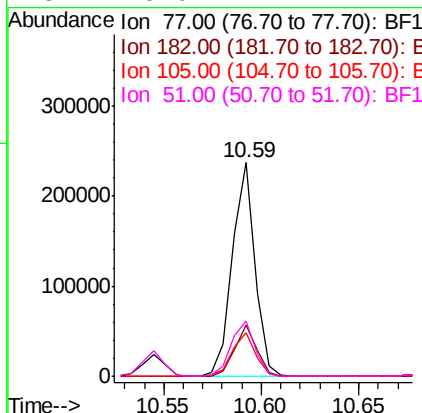
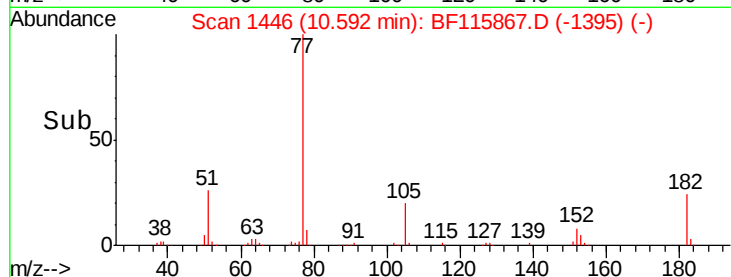
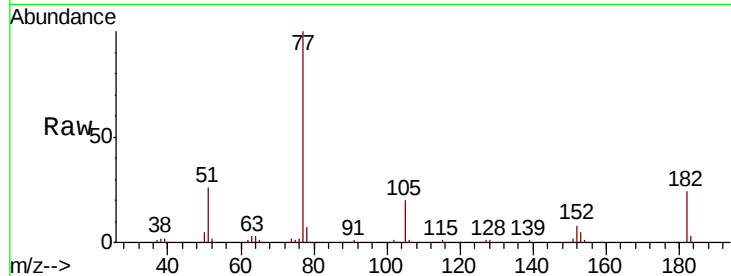
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.6	42.6
105	20.5	1.6	41.6
51	26.0	7.4	47.4

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#64

Phenanthrene-d10

Concen: 20.000 ng

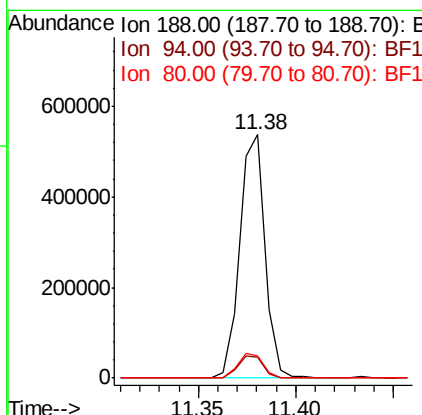
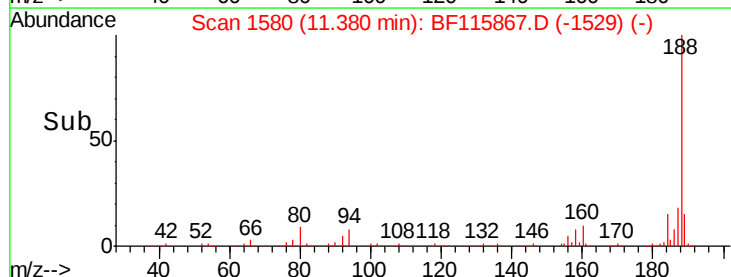
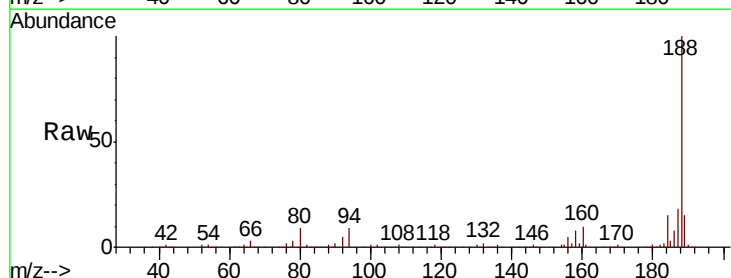
RT: 11.38 min Scan# 1580

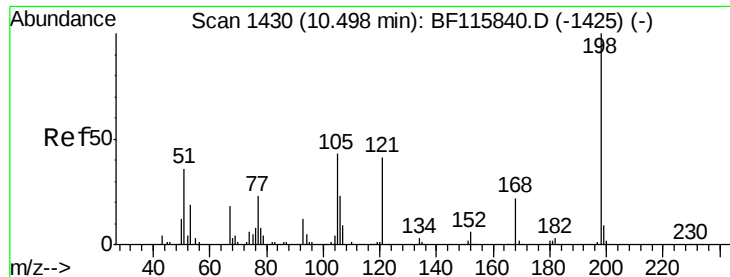
Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	9.2	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 6.636 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

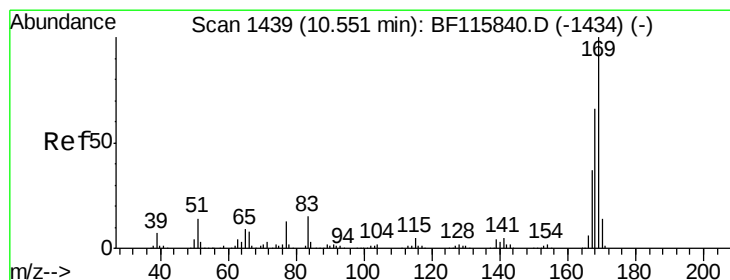
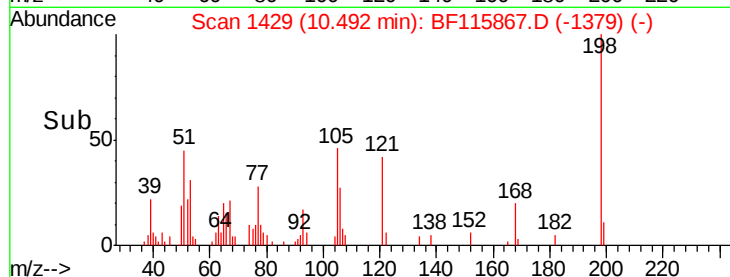
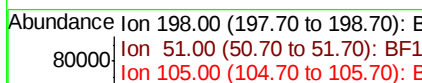
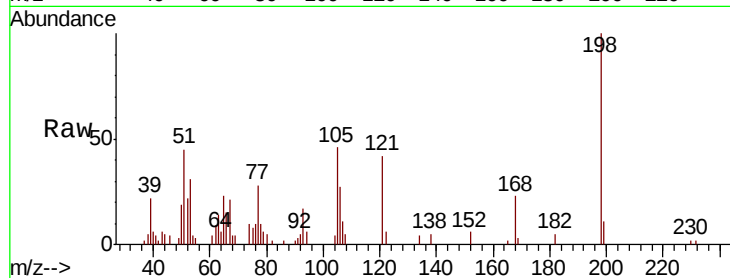
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	198	Resp:	16899
Ion Ratio	Lower	Upper	
198	100		
51	45.4	21.1	61.1
105	45.6	24.5	64.5

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#66

n-Nitrosodiphenylamine

Concen: 10.637 ng

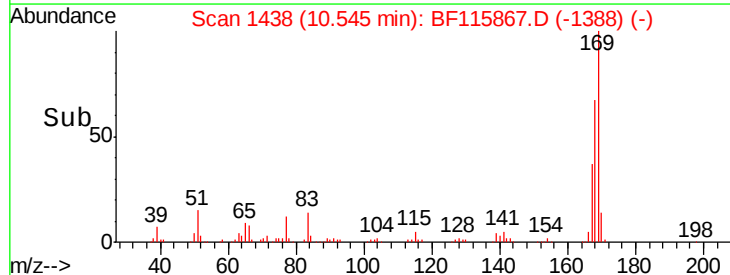
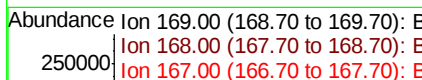
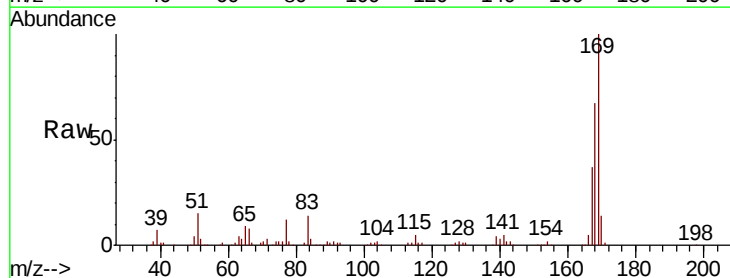
RT: 10.55 min Scan# 1438

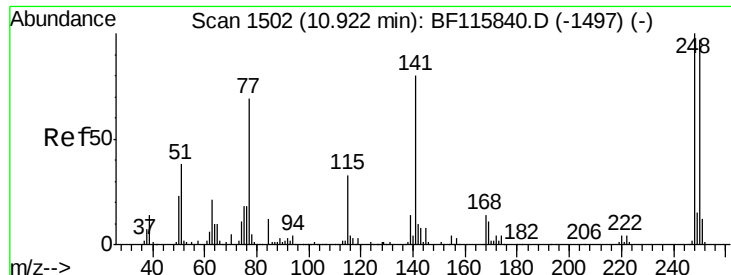
Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	169	Resp:	153861
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.0	79.6
167	37.5	29.9	44.9





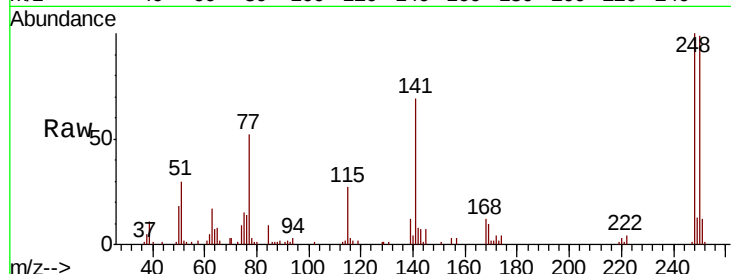
#67
 4-Bromophenyl-phenylether
 Concen: 10.014 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT3-2019

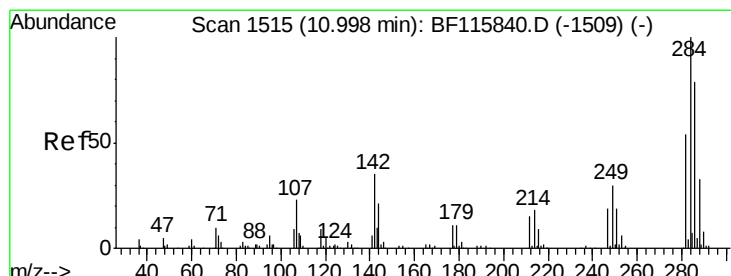
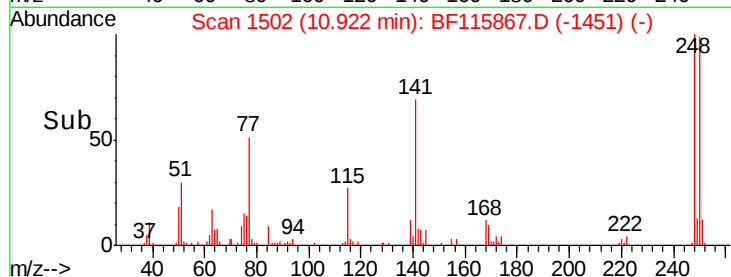
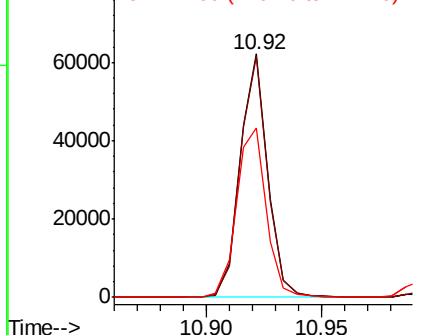
Tot Ion:	248	Resp:	51518
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.8	116.6
141	69.3	64.3	96.5

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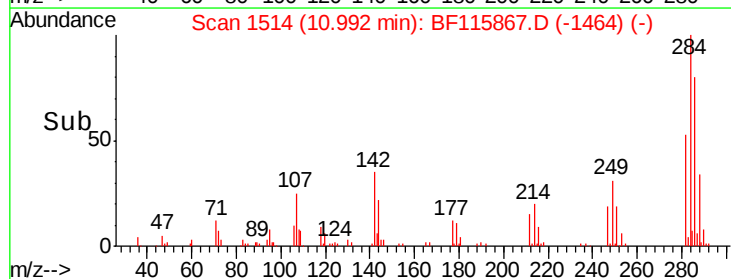
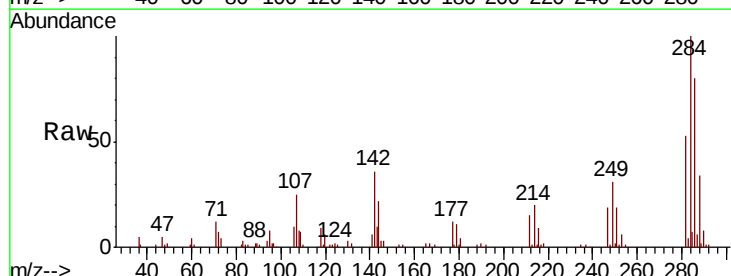
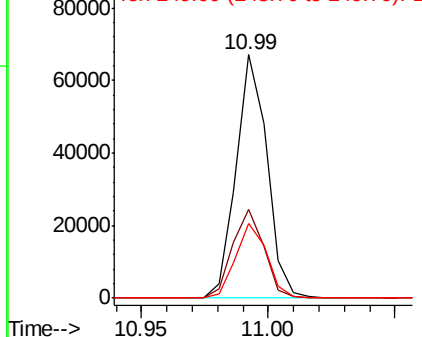
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

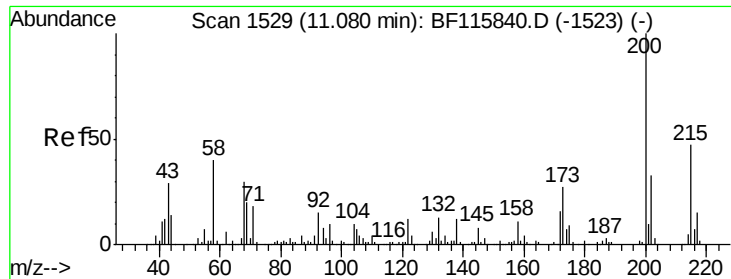


#68
 Hexachlorobenzene
 Concen: 9.532 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion:	284	Resp:	56704
Ion Ratio	Lower	Upper	
284	100		
142	36.4	28.2	42.2
249	30.6	24.0	36.0

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





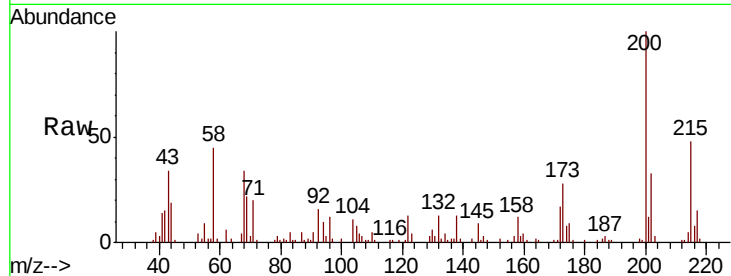
#69
Atrazine
Concen: 9.441 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.3	47.3
215	47.9	26.9	66.9

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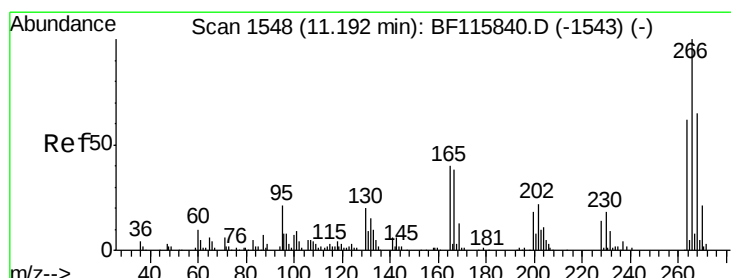
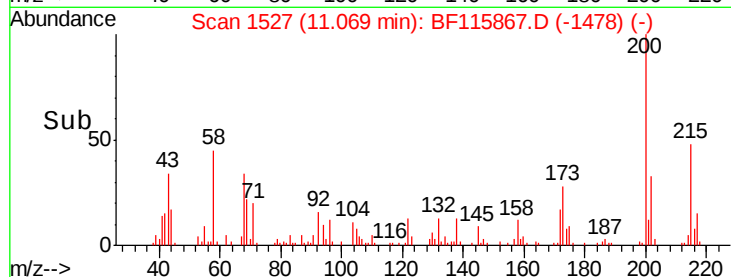
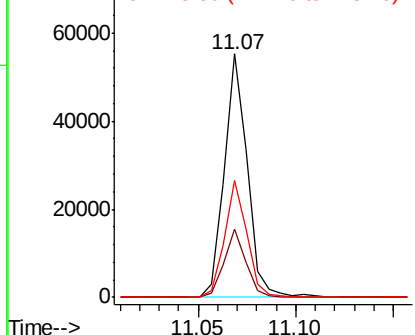


Abundance

Ion 200.00 (199.70 to 200.70): E

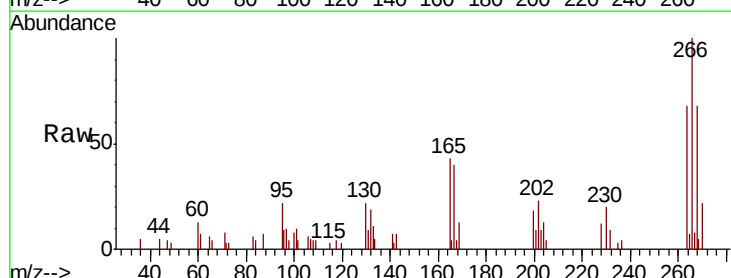
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 6.211 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.4	51.6	77.4
264	74.6	49.4	74.0#

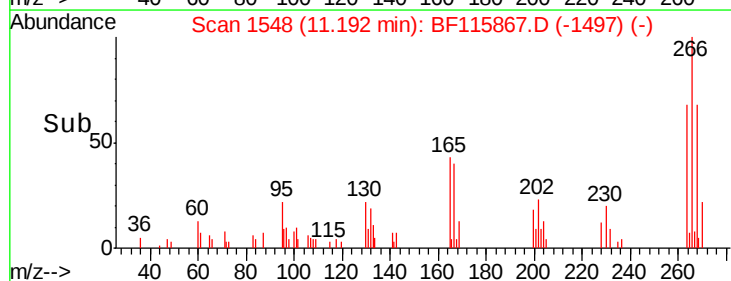
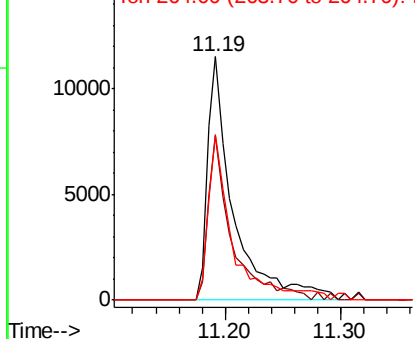


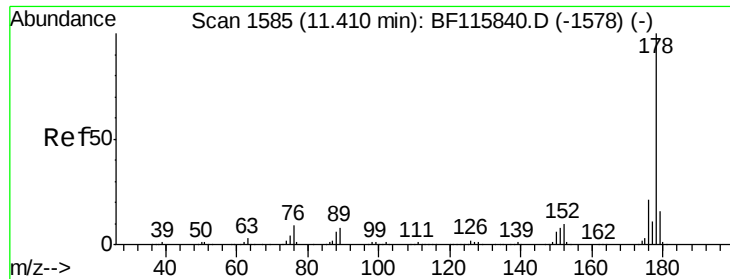
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





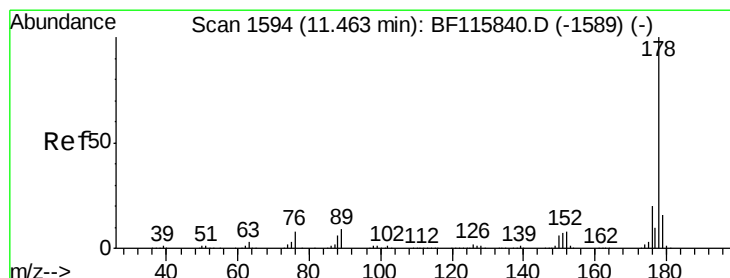
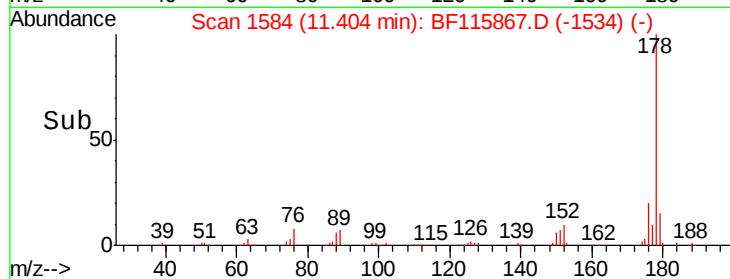
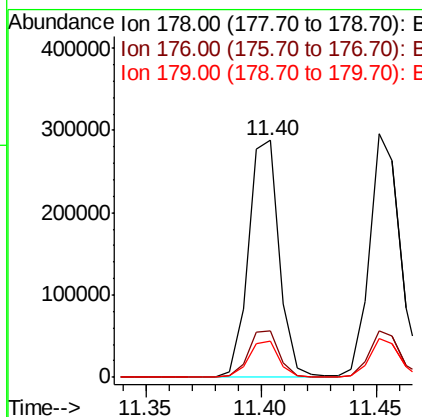
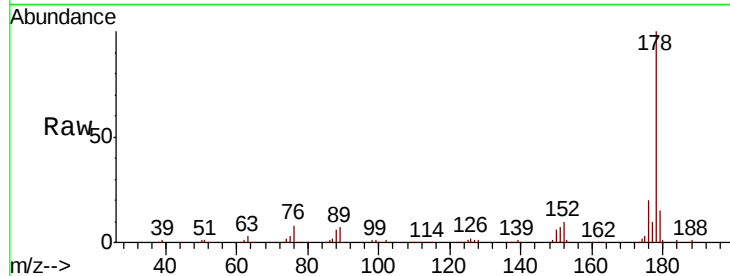
#71
Phenanthrene
Concen: 10.957 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.2	12.6	18.8

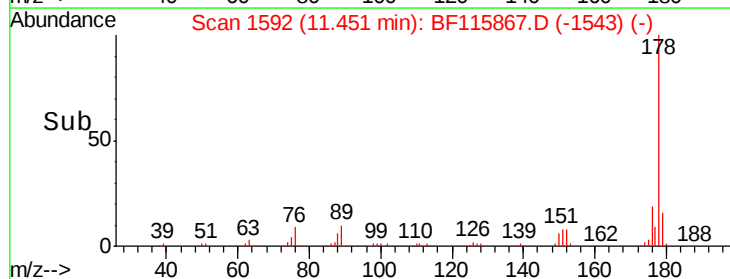
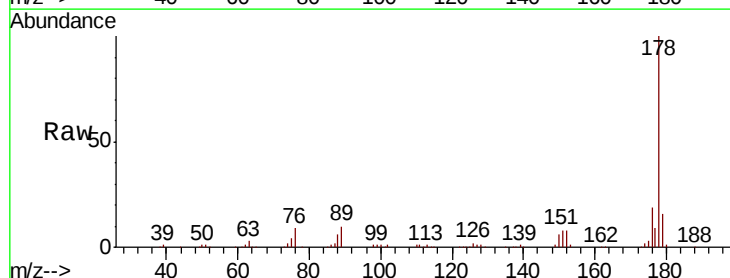
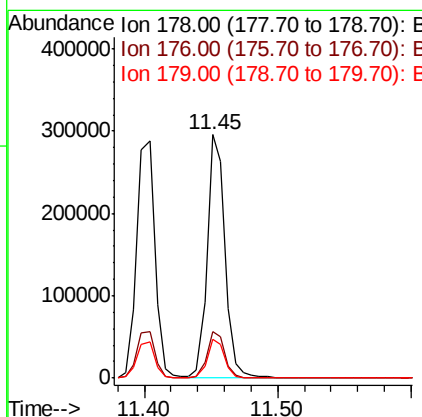
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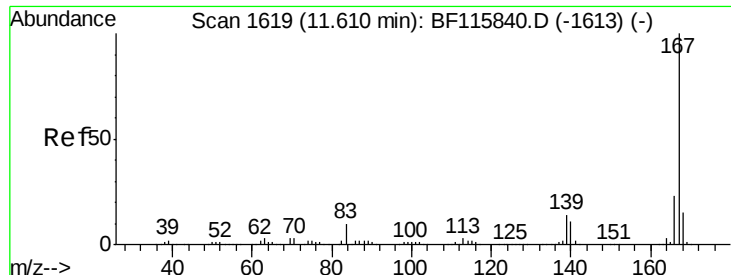
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#72
Anthracene
Concen: 11.055 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.8	12.4	18.6





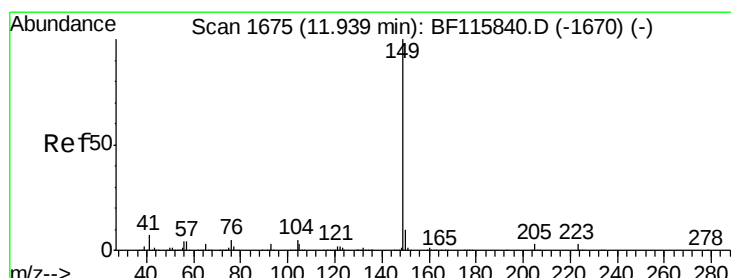
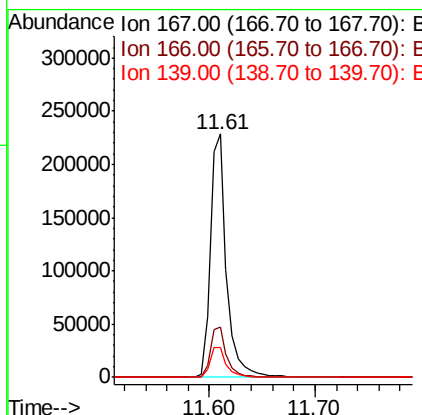
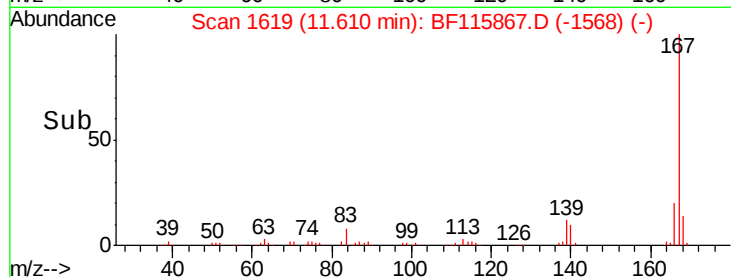
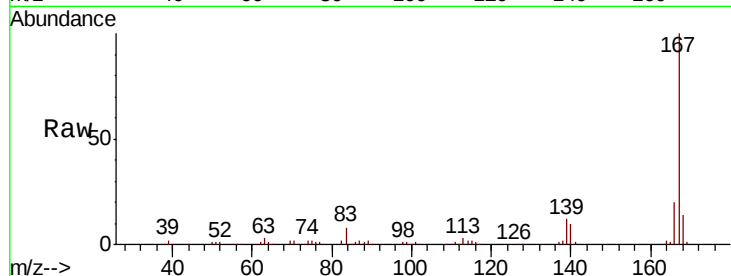
#73
 Carbazole
 Concen: 10.805 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	18.0	27.0
139	12.5	11.4	17.2

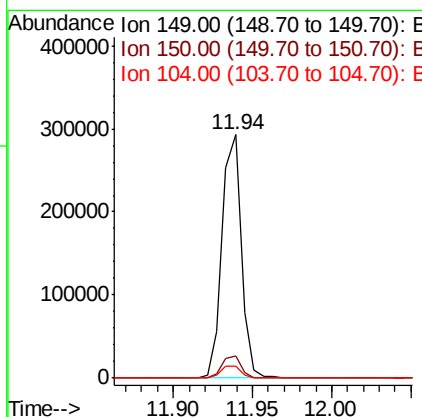
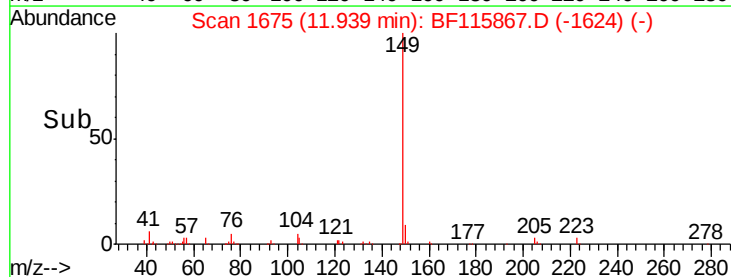
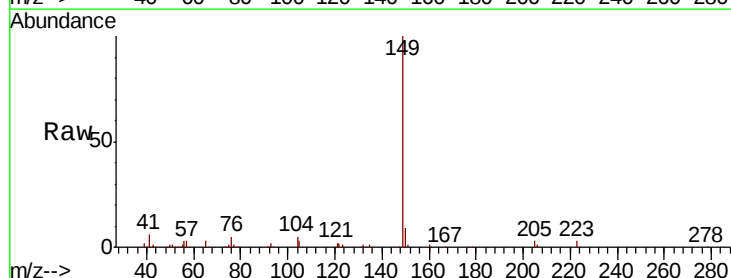
Manual Integrations
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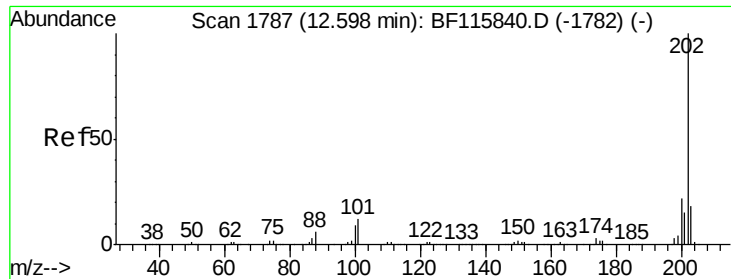
mohammad
 8/1/2019 5:06:37 PM



#74
 Di-n-butylphthalate
 Concen: 9.412 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.3	6.5





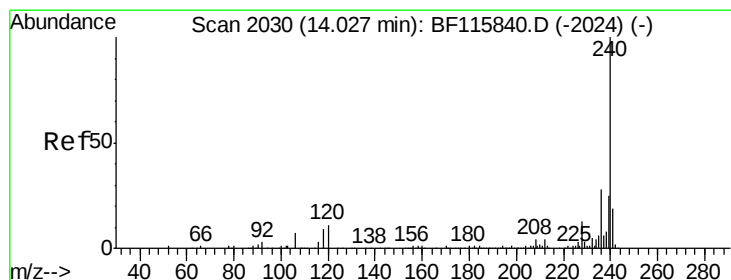
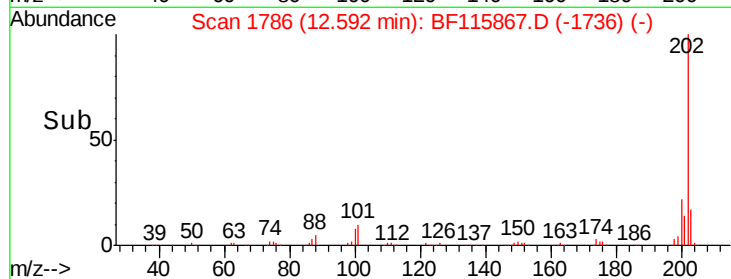
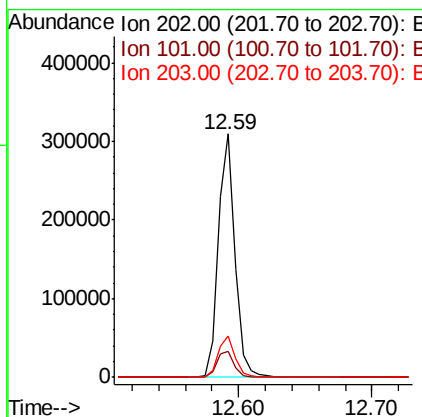
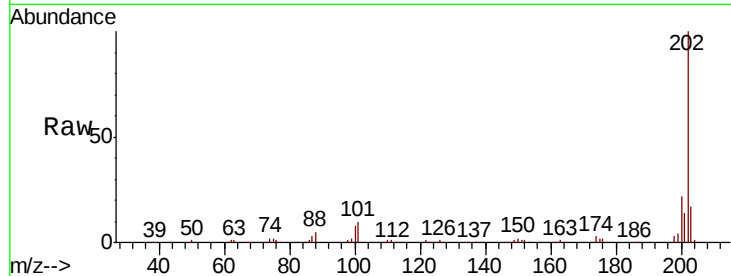
#75
Fluoranthene
 Concen: 10.602 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		272693		
101	10.5	0.0	31.5		
203	17.2	0.0	37.9		

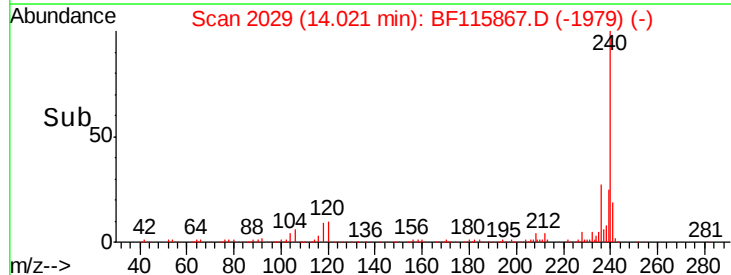
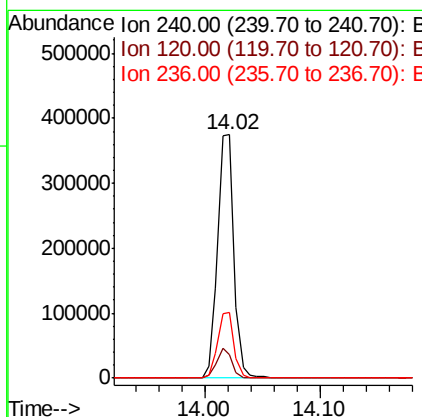
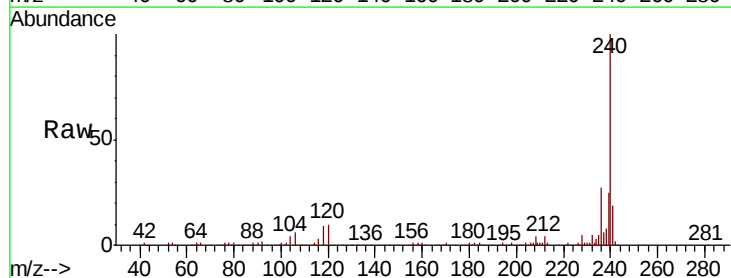
Manual Integrations
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		369135		
120	9.8	8.5	12.7		
236	27.1	22.2	33.2		





#77

Benzidine

Concen: 10.093 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

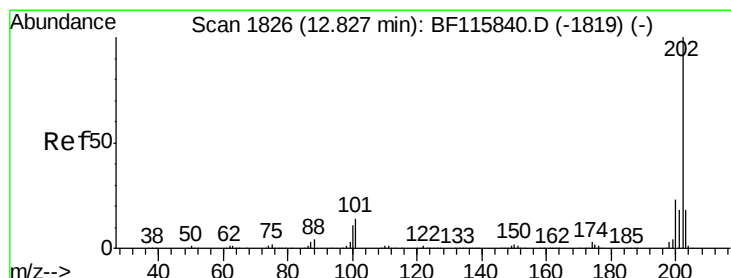
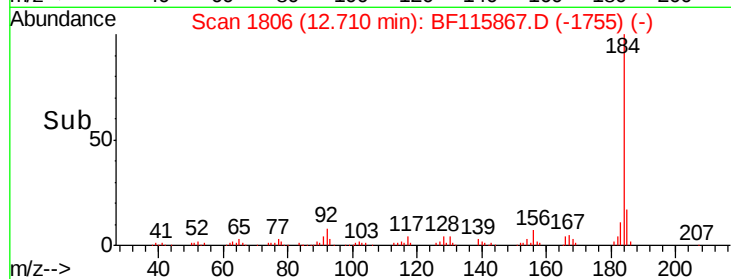
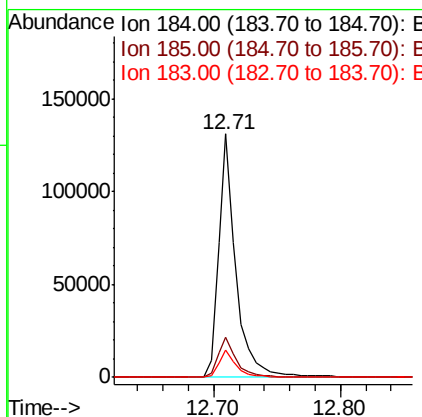
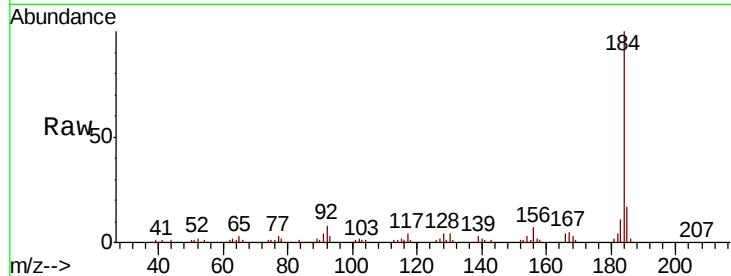
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	184	Resp:	125874
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.4	20.2
183	11.4	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 10.187 ng

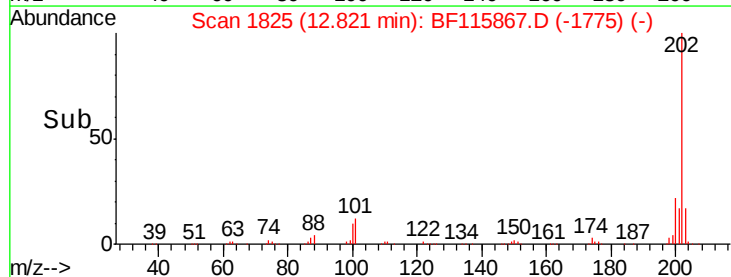
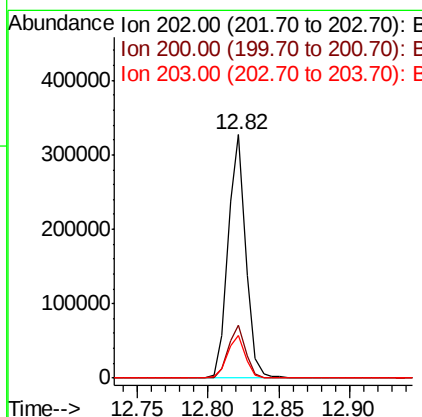
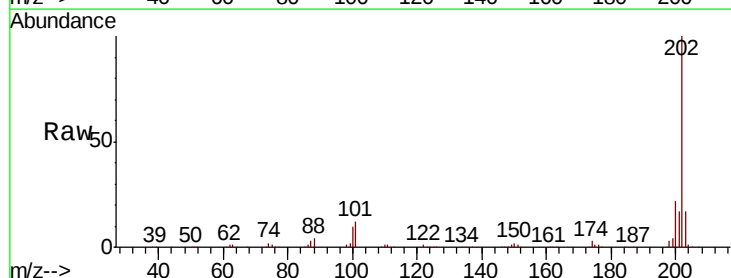
RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	202	Resp:	283459
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.2	27.2
203	17.4	14.3	21.5





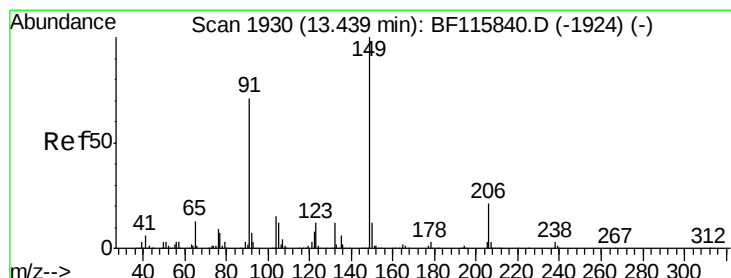
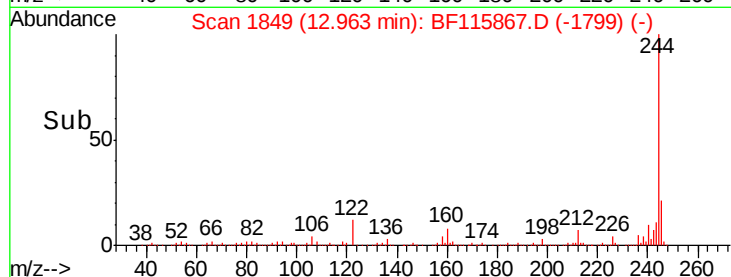
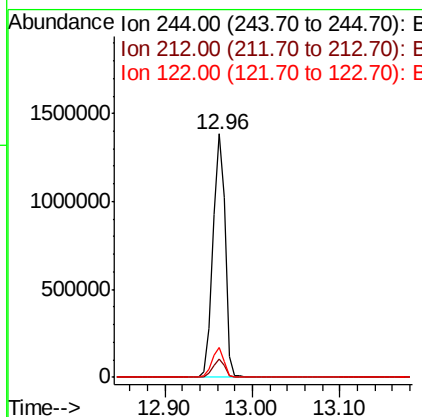
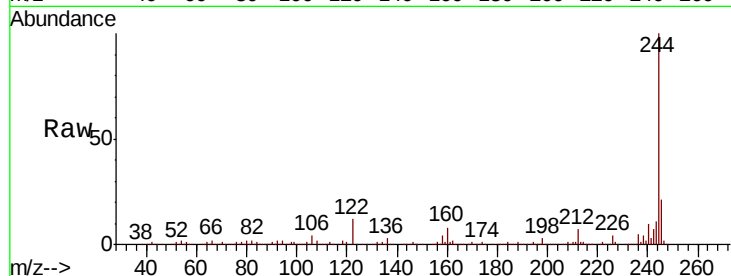
#79
 Terphenyl-d14
 Concen: 76.821 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	12.2	8.6	13.0

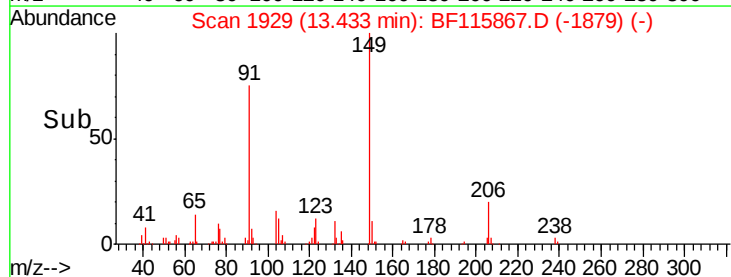
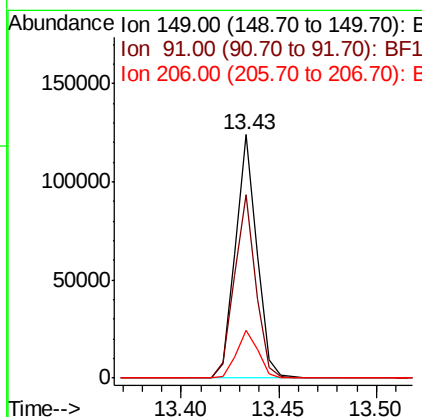
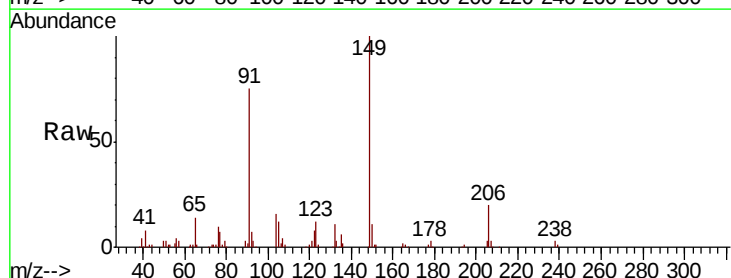
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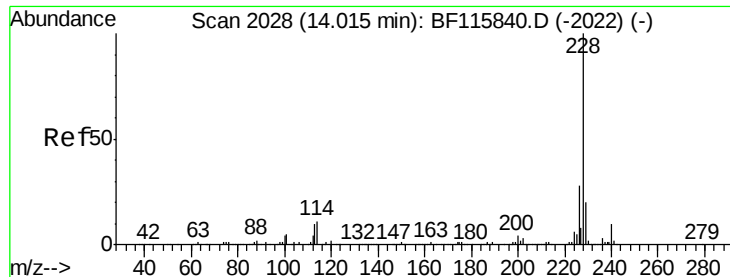
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#80
 Butylbenzylphthalate
 Concen: 8.053 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	57.0	85.6
206	19.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 9.839 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

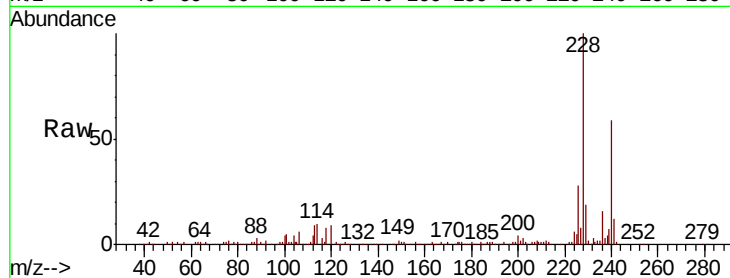
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	228	Resp:	232146
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.5	33.7
229	19.2	16.1	24.1

Manual Integrations
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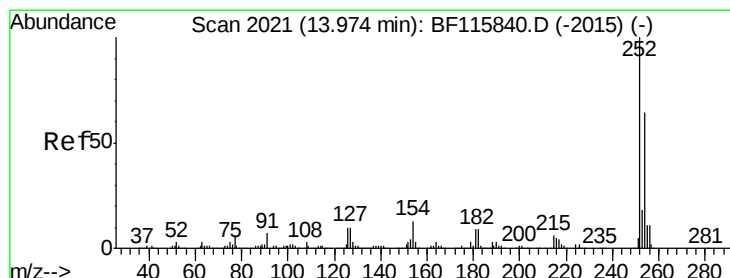
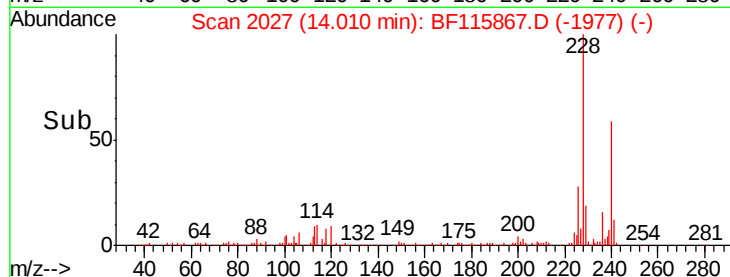
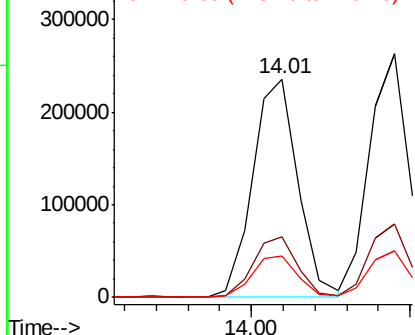


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.756 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

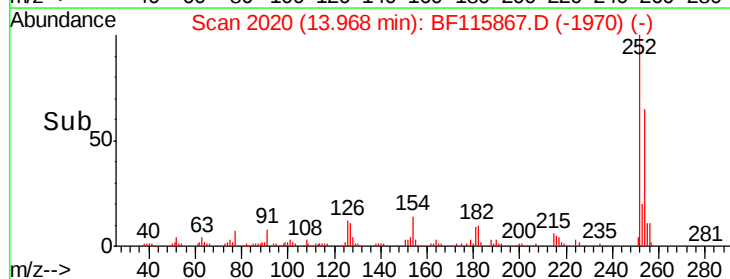
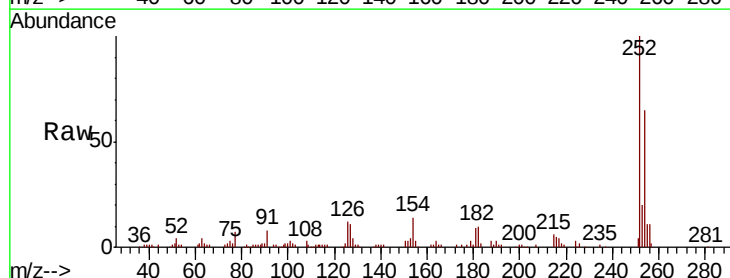
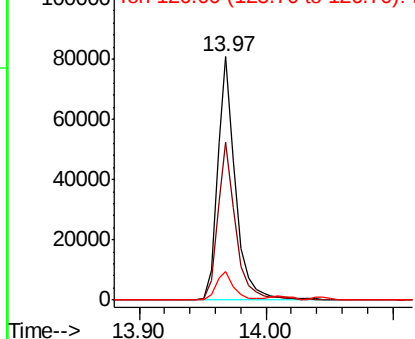
Tgt Ion:	252	Resp:	79966
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.2	76.8
126	11.8	8.1	12.1

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





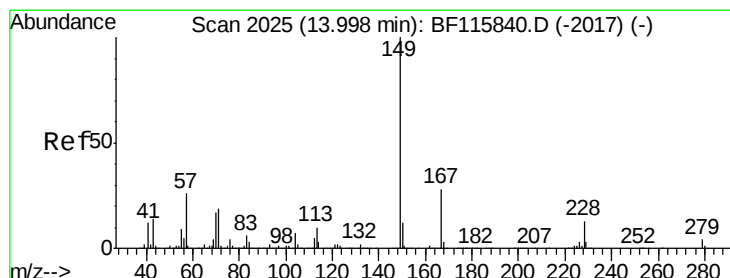
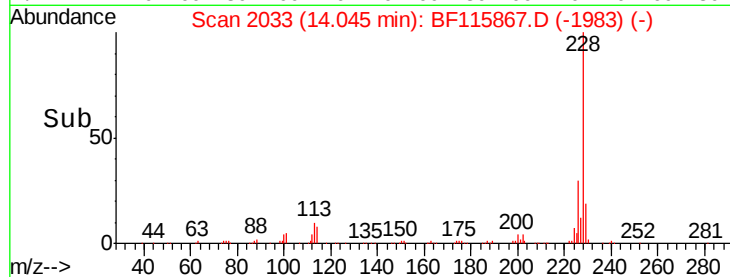
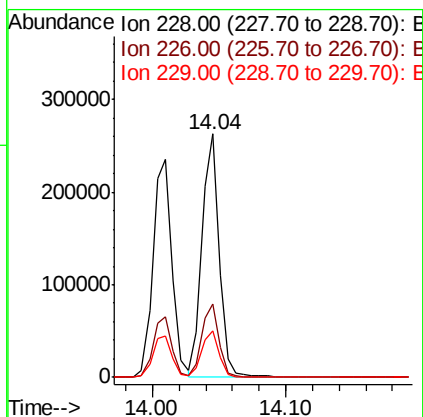
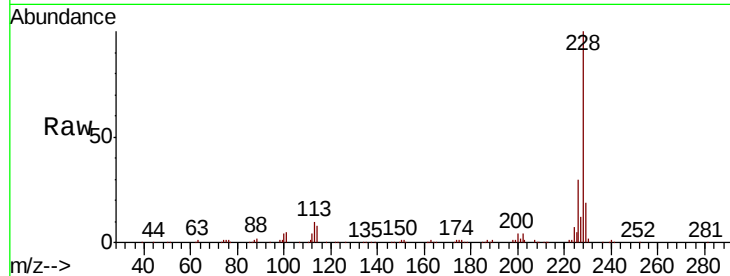
#83
 Chrvsene
 Concen: 10.214 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.3	16.4	24.6

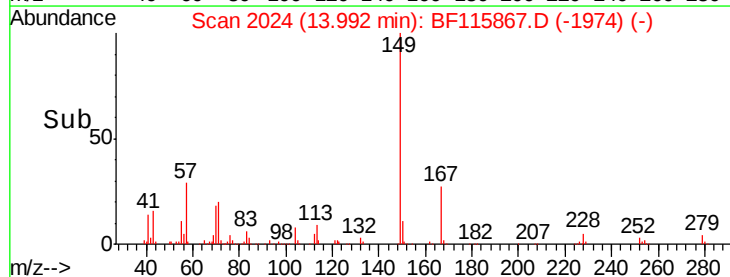
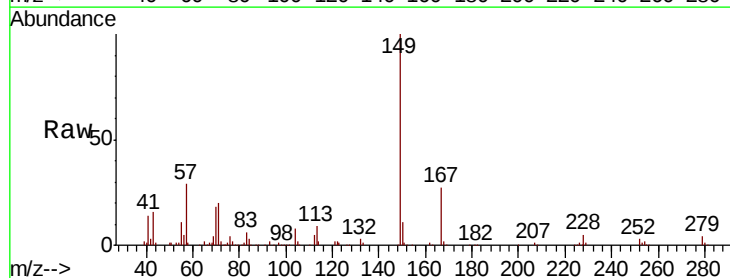
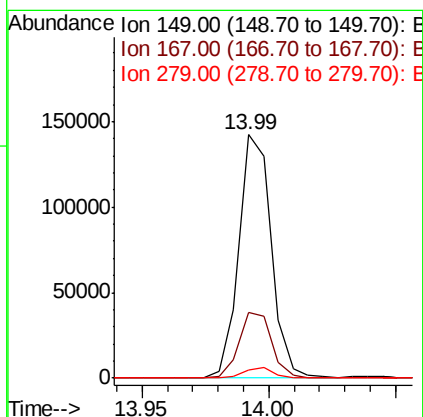
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.264 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF115867.D
 Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	3.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 7.776 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Instrument :

BNA_F

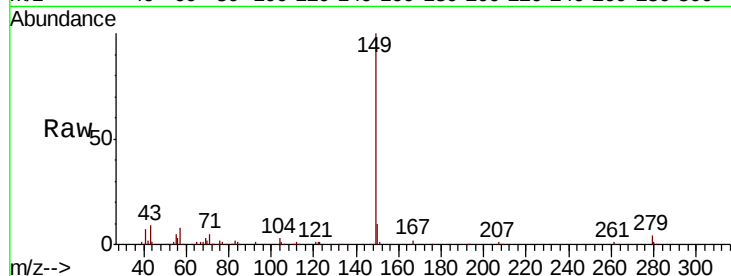
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	149	Resp:	188907
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	7.4	11.0

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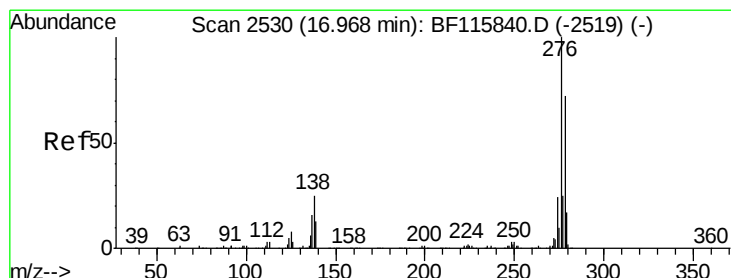
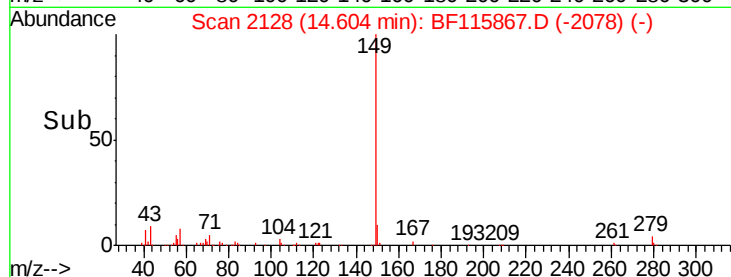
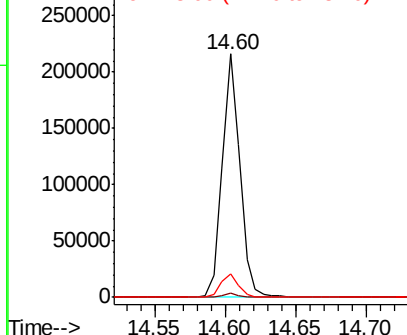


Abundance

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: 8.706 ng

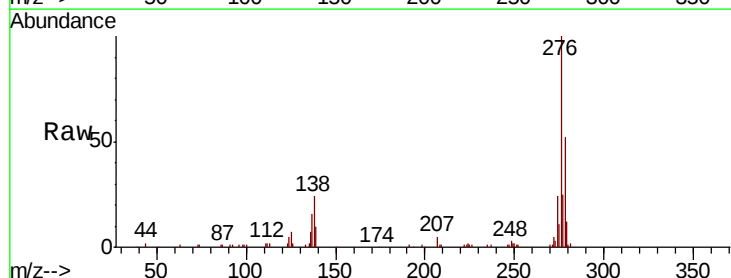
RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF115867.D

Acq: 31 Jul 2019 15:49

Tgt Ion:	276	Resp:	167484
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.6	29.4
277	24.6	20.1	30.1

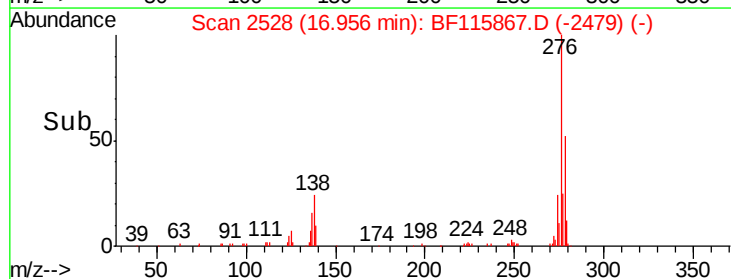
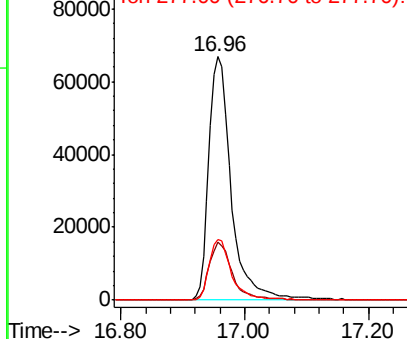


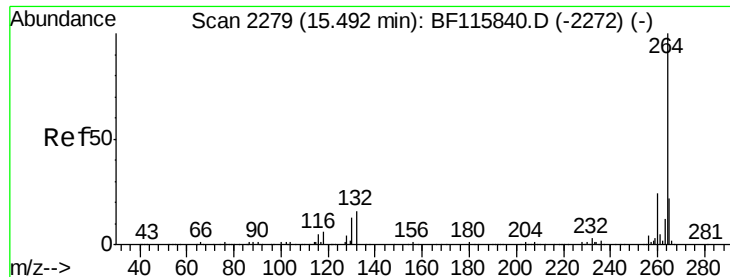
Abundance

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





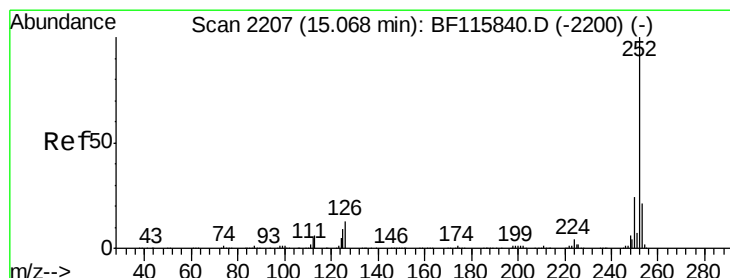
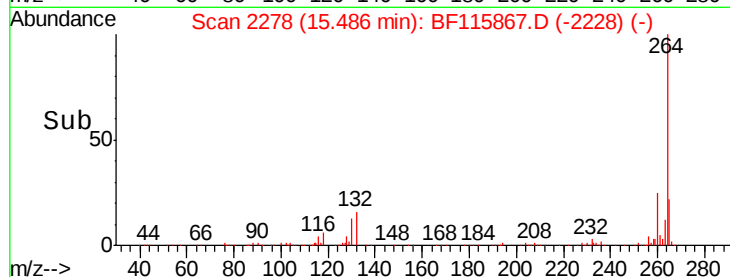
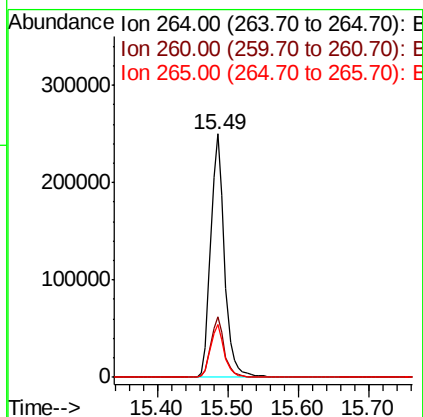
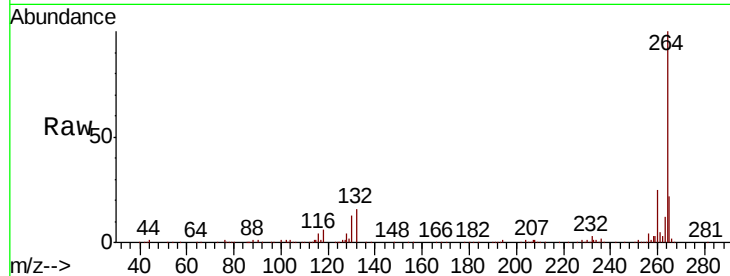
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.8	17.5	26.3

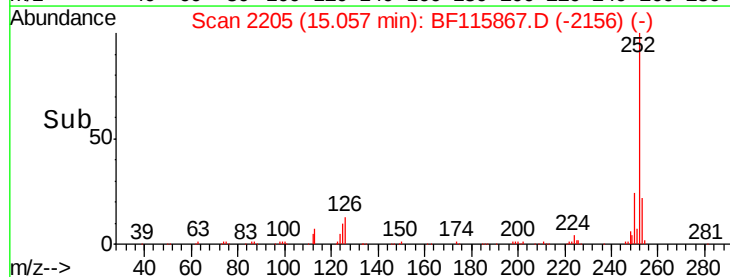
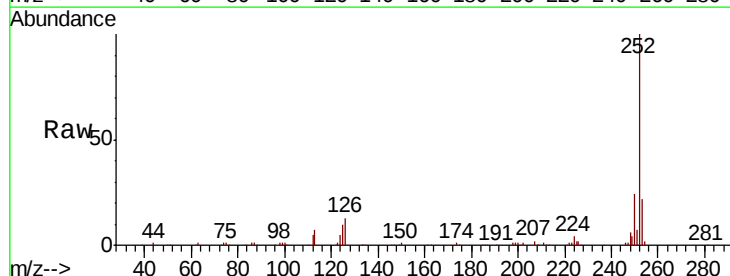
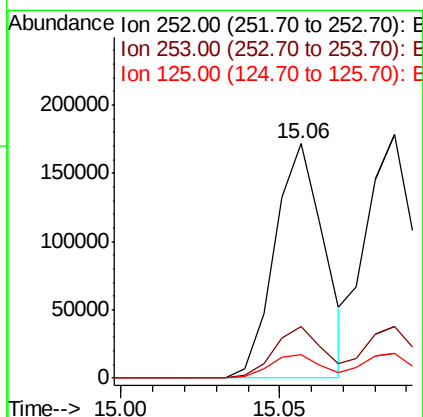
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 9.391 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.3	7.4	11.0





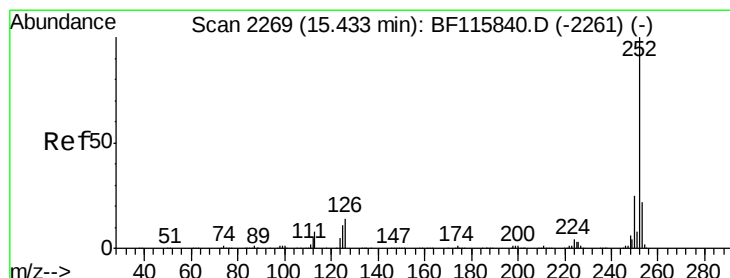
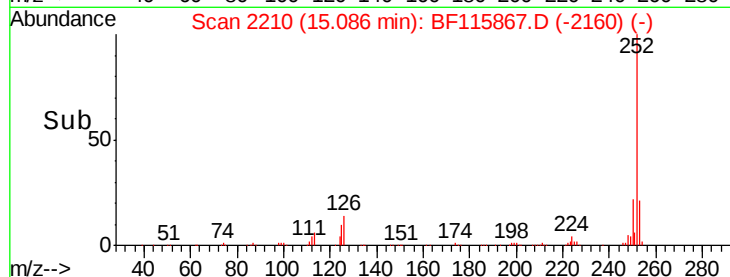
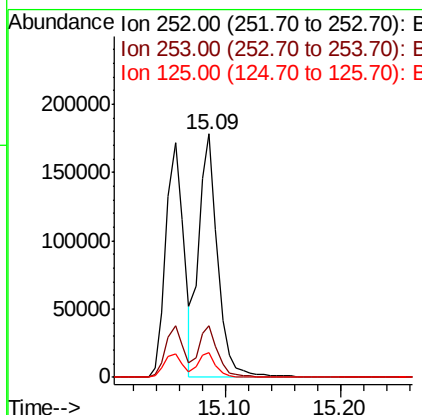
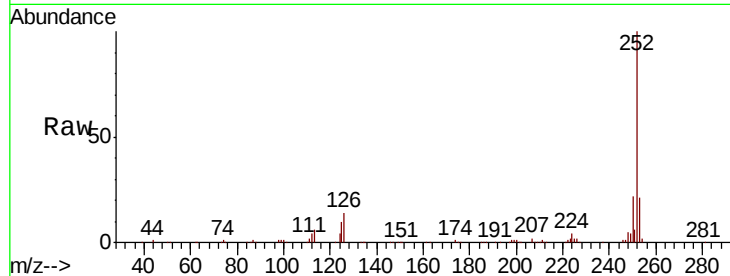
#89
Benzo(k)fluoranthene
Concen: 10.708 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	10.0	8.9	13.3

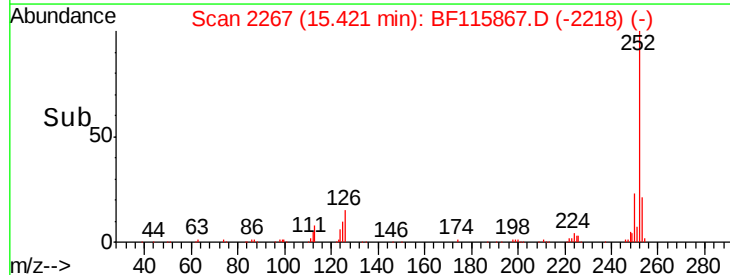
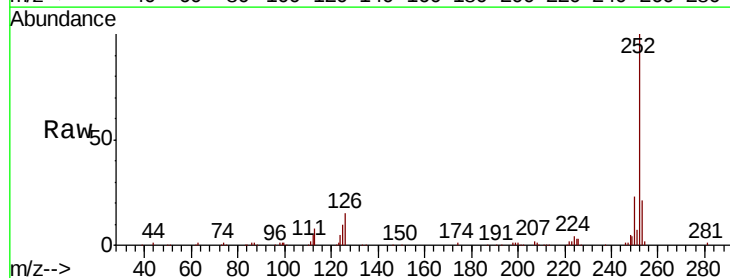
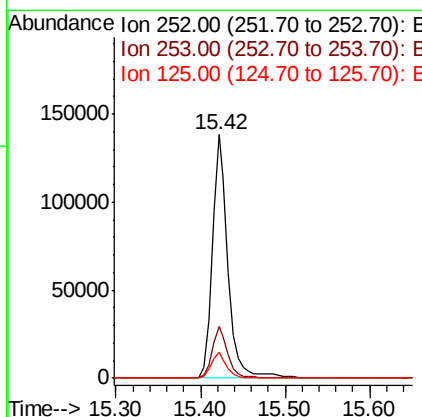
Manual Integrations
APPROVED

mohammad
8/1/2019 5:06:37 PM



#90
Benzo(a)pyrene
Concen: 10.184 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	10.4	8.8	13.2





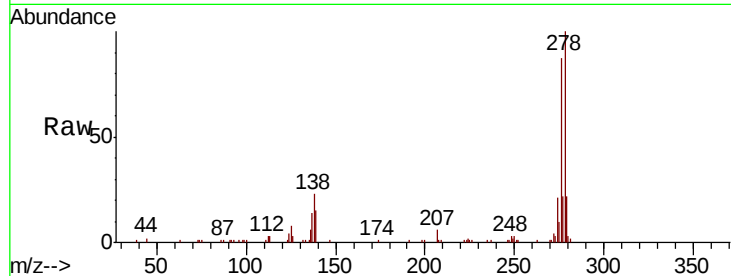
#91
Dibenzo(a,h)anthracene
Concen: 9.079 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

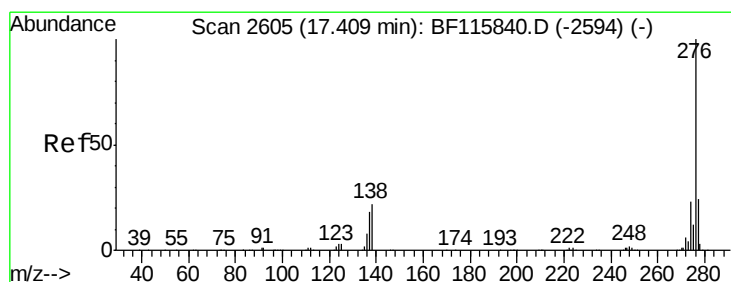
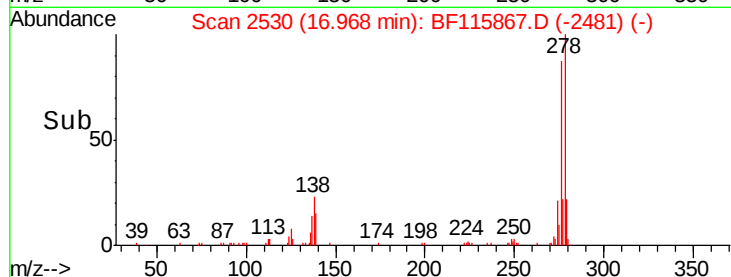
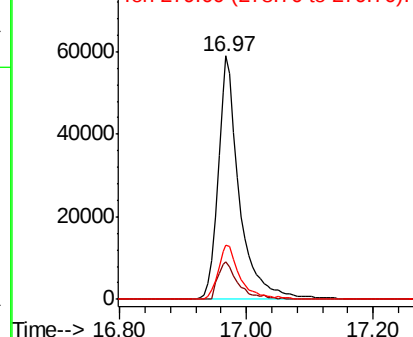
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	22.4	18.8	28.2

Manual Integrations
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8/1/2019 5:06:37 PM

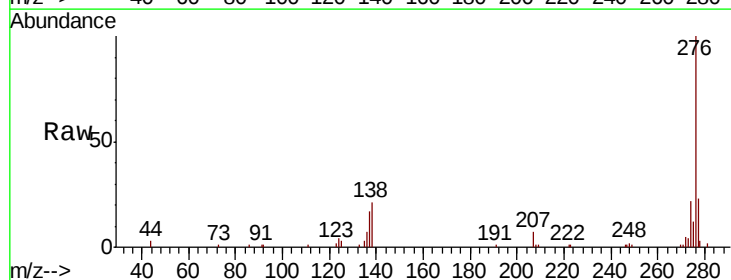


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.970 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115867.D
Acq: 31 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.5	29.3
138	20.6	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

