

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073019\
 Data File : BF115851.D
 Acq On : 30 Jul 2019 19:28
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 31 04:40:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 04:26:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135413	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	545003	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	289862	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	504470	20.00	ng	0.00
76) Chrysene-d12	14.02	240	398098	20.00	ng	0.00
87) Perylene-d12	15.49	264	388546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	957701	118.40	ng	0.00
7) Phenol-d6	6.49	99	1195415	117.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	763431	80.86	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	332623	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1289628	83.34	ng	0.00
79) Terphenyl-d14	12.96	244	1418797	75.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	42473	10.394	ng	99
3) Pyridine	3.41	79	88842	7.783	ng	99
4) n-Nitrosodimethylamine	3.30	42	42492	9.433	ng	95
6) Aniline	6.52	93	149668	10.240	ng	99
8) 2-Chlorophenol	6.64	128	93814	10.488	ng	97
9) Benzaldehyde	6.40	77	80587	11.444	ng	99
10) Phenol	6.49	94	126909	10.560	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	88639	10.032	ng	98
12) 1,3-Dichlorobenzene	6.79	146	104498	10.109	ng	97
13) 1,4-Dichlorobenzene	6.87	146	107000	10.338	ng	98
14) 1,2-Dichlorobenzene	7.02	146	98601	10.346	ng	99
15) Benzyl Alcohol	6.99	79	85445	11.032	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	119195	9.890	ng	99
17) 2-Methylphenol	7.10	107	78460	10.359	ng	97
18) Hexachloroethane	7.36	117	37076	9.729	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	66630	10.536	ng	97
20) 3+4-Methylphenols	7.26	107	102586	11.446	ng	# 55
22) Acetophenone	7.26	105	134528	11.255	ng	97
24) Nitrobenzene	7.43	77	107837	10.578	ng	98
25) Isophorone	7.66	82	182913	10.131	ng	96
26) 2-Nitrophenol	7.75	139	46326	9.640	ng	95
27) 2,4-Dimethylphenol	7.78	122	78877	10.910	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	111787	9.990	ng	99
29) 2,4-Dichlorophenol	7.99	162	78014	10.219	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	86554	9.946	ng	98
31) Naphthalene	8.15	128	284076	11.077	ng	98
32) Benzoic acid	7.87	122	16054	3.149	ng	98
33) 4-Chloroaniline	8.20	127	115729	10.099	ng	97
34) Hexachlorobutadiene	8.27	225	49101	9.796	ng	98
35) Caprolactam	8.55	113	24276	9.832	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	82564	10.396	ng	95
37) 2-Methylnaphthalene	8.85	142	186701	11.054	ng	99
38) 1-Methylnaphthalene	8.95	142	176278	11.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	82830	10.689	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	18592	6.138	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	49530	9.286	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	54936	9.964	ng	97
46) 1,1'-Biphenyl	9.31	154	230947	11.285	ng	98
47) 2-Chloronaphthalene	9.34	162	175029	10.276	ng	99
48) 2-Nitroaniline	9.43	65	52218	9.275	ng	84
49) Acenaphthylene	9.75	152	276697	11.135	ng	98
50) Dimethylphthalate	9.60	163	192607	9.759	ng	99
51) 2,6-Dinitrotoluene	9.67	165	41330	9.636	ng	# 86
52) Acenaphthene	9.92	154	164824	10.812	ng	100
53) 3-Nitroaniline	9.84	138	48645	9.179	ng	94
54) 2,4-Dinitrophenol	9.96	184	8924	4.900	ng	92
55) Dibenzofuran	10.10	168	248332	11.202	ng	100
56) 4-Nitrophenol	10.00	139	26523	7.812	ng	93
57) 2,4-Dinitrotoluene	10.07	165	54566	9.555	ng	90
58) Fluorene	10.44	166	194418	11.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	44157	9.519	ng	99
60) Diethylphthalate	10.31	149	184134	9.993	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	91553	10.599	ng	95
62) 4-Nitroaniline	10.45	138	50805	9.276	ng	99
63) Azobenzene	10.59	77	200775	10.593	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	19626	7.341	ng	95
66) n-Nitrosodiphenylamine	10.55	169	165183	10.879	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	54151	10.027	ng	96
68) Hexachlorobenzene	10.99	284	61132	9.790	ng	99
69) Atrazine	11.07	200	48697	9.749	ng	98
70) Pentachlorophenol	11.19	266	21056	6.945	ng	94
71) Phenanthrene	11.40	178	288093	11.171	ng	98
72) Anthracene	11.45	178	290921	11.146	ng	99
73) Carbazole	11.61	167	259678	10.966	ng	98
74) Di-n-butylphthalate	11.94	149	274030	9.920	ng	98
75) Fluoranthene	12.59	202	293753	10.880	ng	99
77) Benzidine	12.71	184	142525	10.597	ng	99
78) Pyrene	12.82	202	306136	10.201	ng	98
80) Butylbenzylphthalate	13.43	149	106870	8.419	ng	98
81) Benzo(a)anthracene	14.01	228	254670	10.009	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	92160	10.425	ng	98
83) Chrysene	14.04	228	251001	10.161	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	145597	8.826	ng	99
85) Di-n-octyl phthalate	14.60	149	225857	8.620	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	190142	9.164	ng	100
88) Benzo(b)fluoranthene	15.06	252	214771	9.560	ng	99
89) Benzo(k)fluoranthene	15.09	252	226985	10.373	ng	98
90) Benzo(a)pyrene	15.42	252	198137	9.866	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	157644	9.068	ng	98
92) Benzo(g,h,i)perylene	17.40	276	155691	9.119	ng	97

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

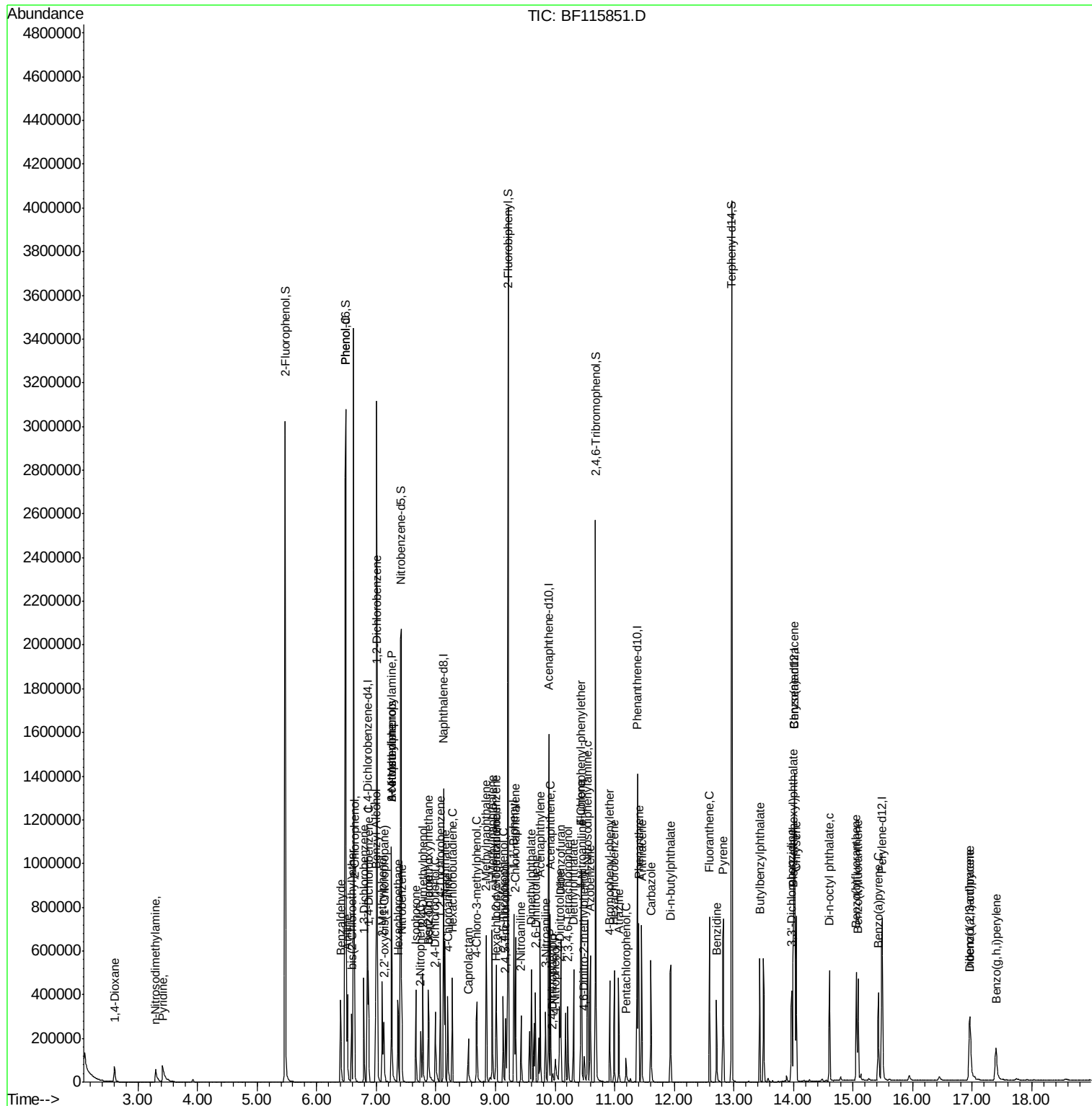
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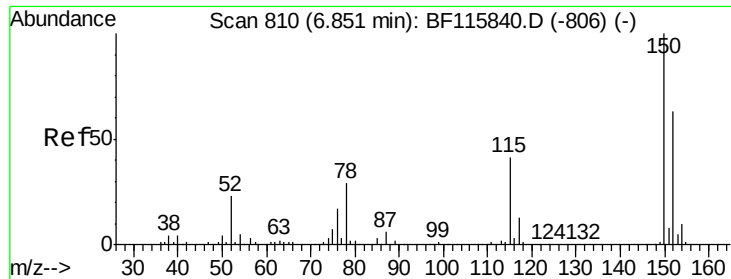
Data Path  : Z:\SV0ASRV\HPCHEM1\BNA_F\DATA\BF073019\
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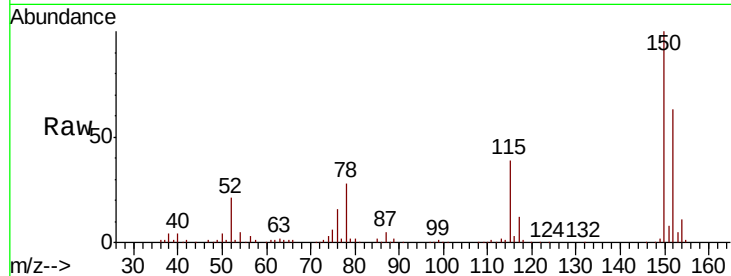


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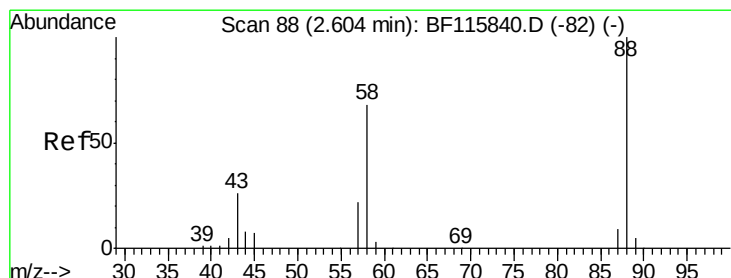
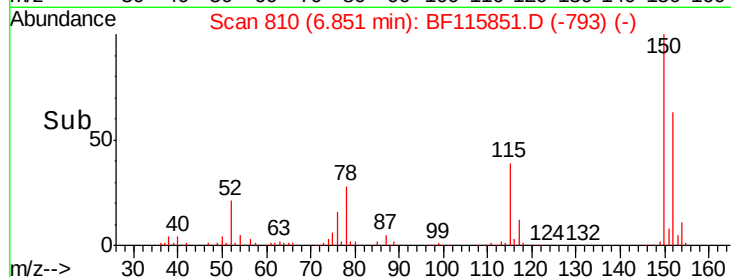
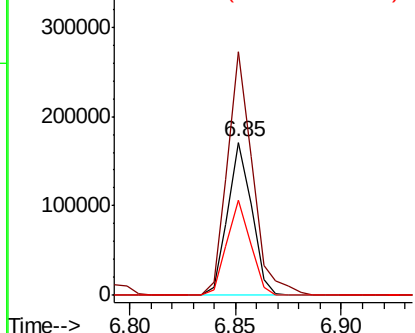
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion: 152 Resp: 135413
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.4 191.0
 115 62.5 51.8 77.8



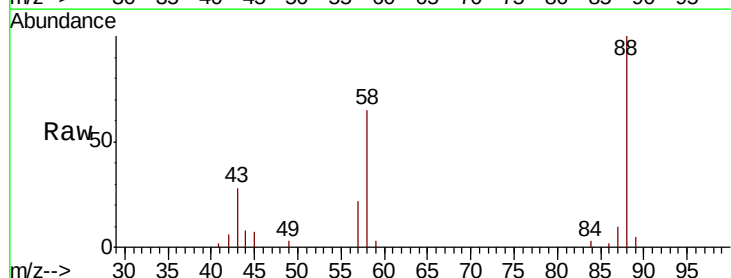
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



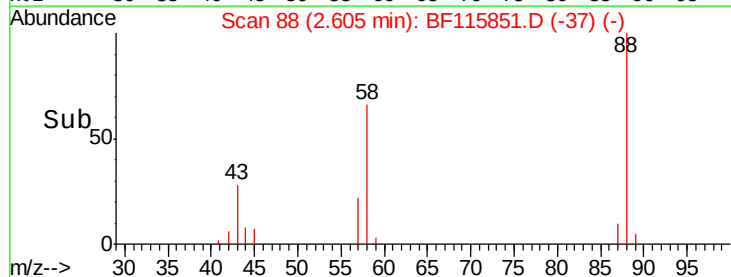
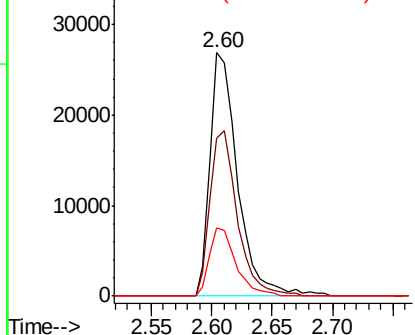
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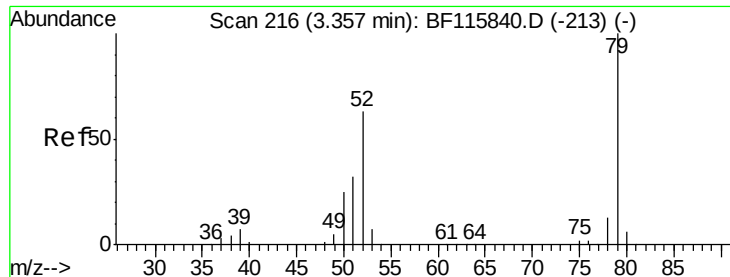
1,4-Dioxane
 Concen: 10.394 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion: 88 Resp: 42473
 Ion Ratio Lower Upper
 88 100
 58 67.1 54.1 81.1
 43 26.8 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

Pyridine

Concen: 7.783 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

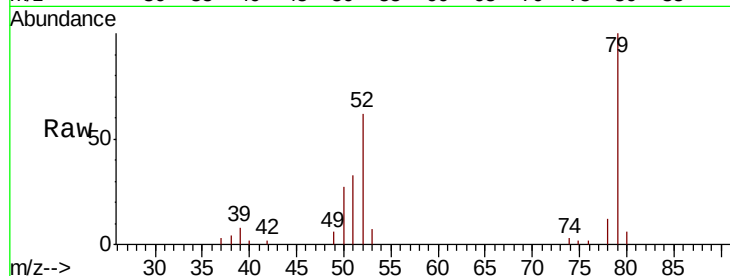
Tgt Ion: 79 Resp: 88842

Ion Ratio Lower Upper

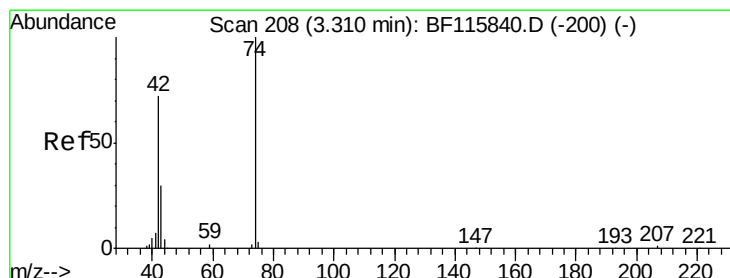
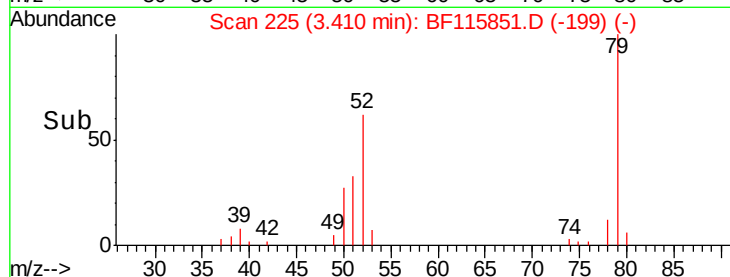
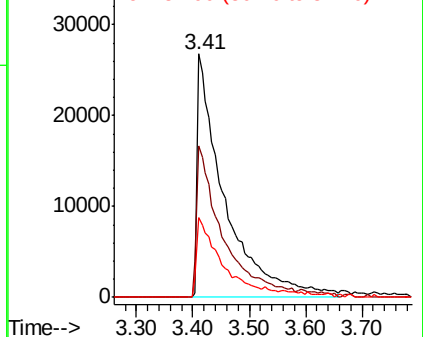
79 100

52 62.2 50.2 75.4

51 32.7 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 9.433 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

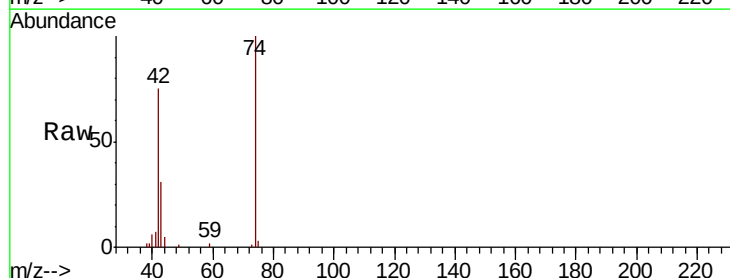
Tgt Ion: 42 Resp: 42492

Ion Ratio Lower Upper

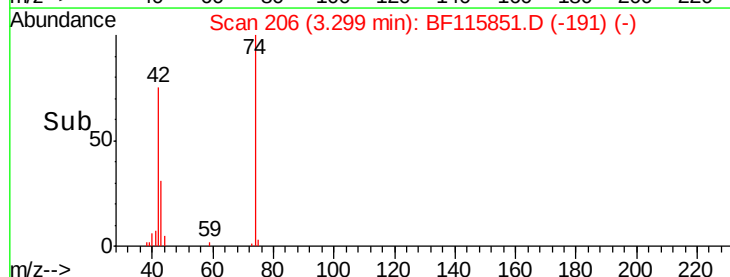
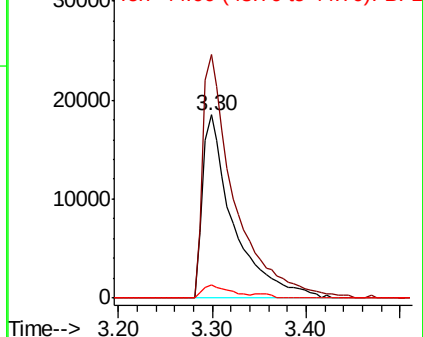
42 100

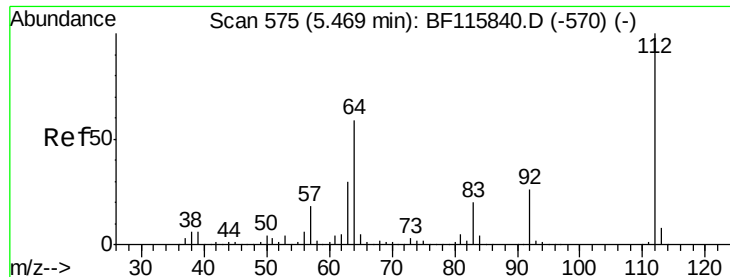
74 133.1 111.0 166.4

44 7.0 4.7 7.1



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.397 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

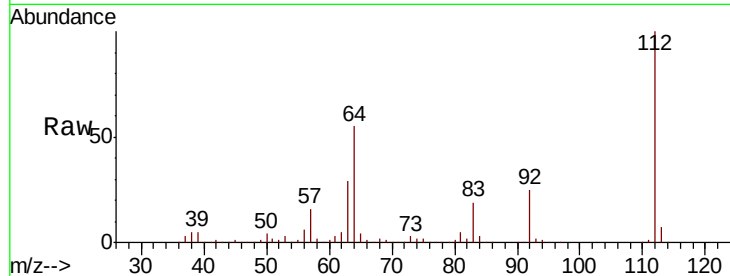
Instrument :

BNA_F

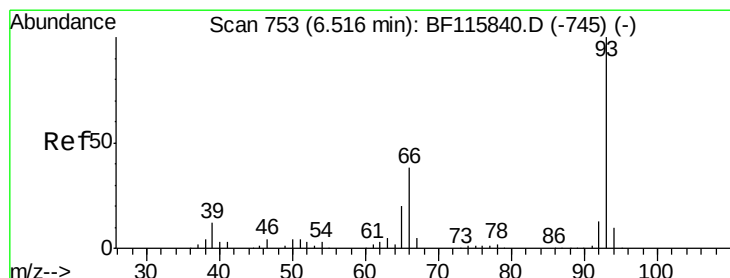
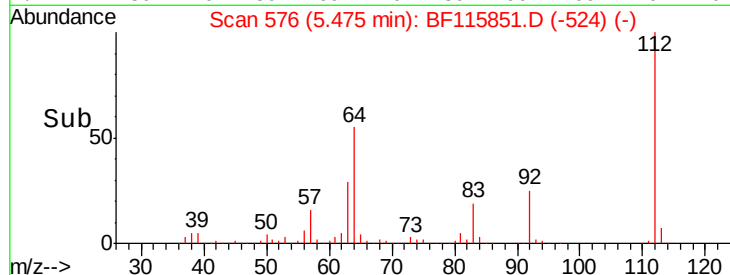
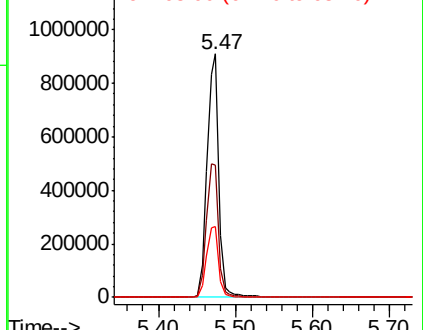
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tgt Ion:	112	Resp:	957701
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.8	70.2
63	28.9	24.2	36.2



Abundance Ion 112.00 (111.70 to 112.70): BF115851.D (-524) (-)



#6

Aniline

Concen: 10.240 ng

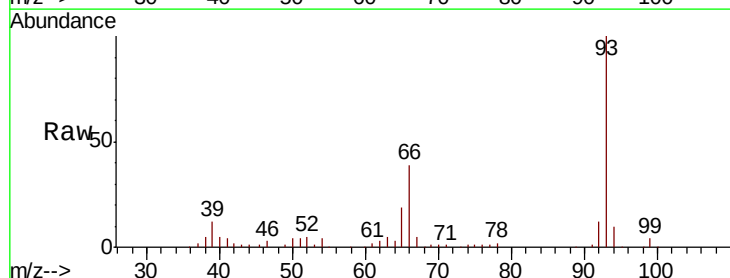
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

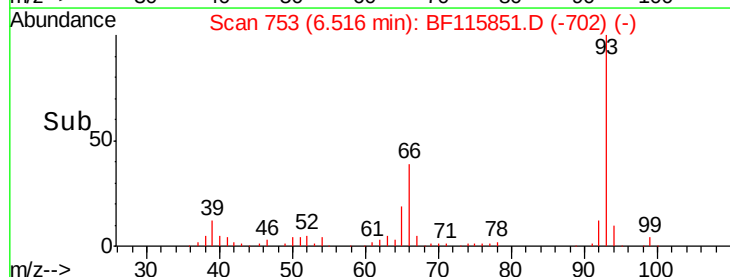
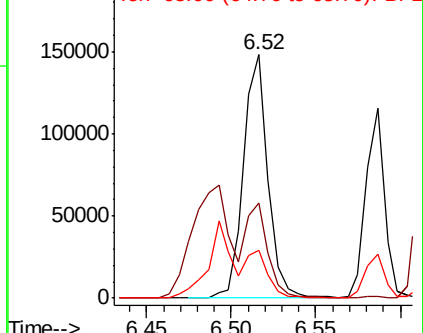
Lab File: BF115851.D

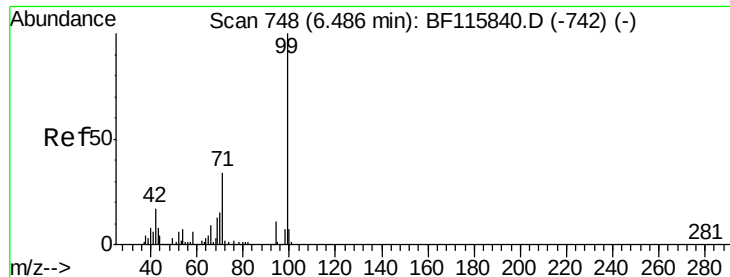
Acq: 30 Jul 2019 19:28

Tgt Ion:	93	Resp:	149668
Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.4	47.0
65	19.5	16.5	24.7



Abundance Ion 93.00 (92.70 to 93.70): BF115851.D (-702) (-)





#7

Phenol-d6

Concen: 117.134 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

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BNA_F

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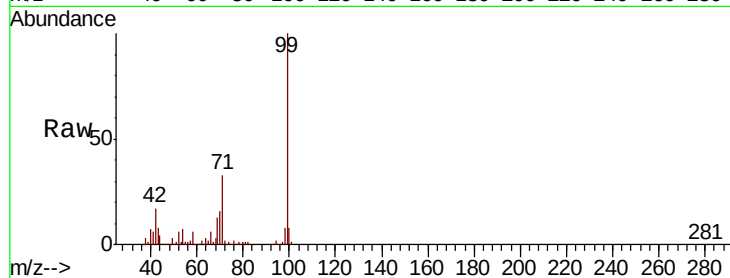
Tgt Ion: 99 Resp: 1195415

Ion Ratio Lower Upper

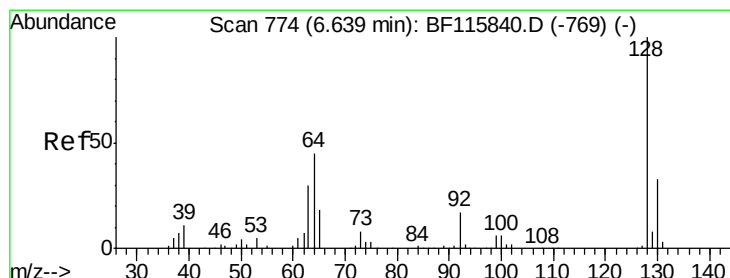
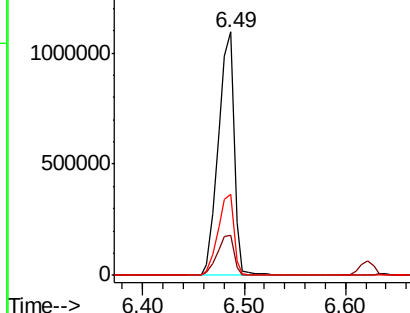
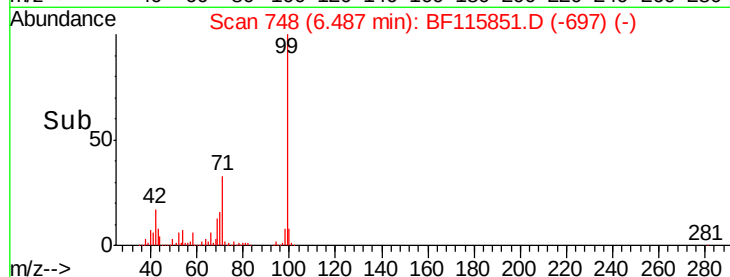
99 100

42 16.7 13.8 20.6

71 33.3 27.1 40.7



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



#8

2-Chlorophenol

Concen: 10.488 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

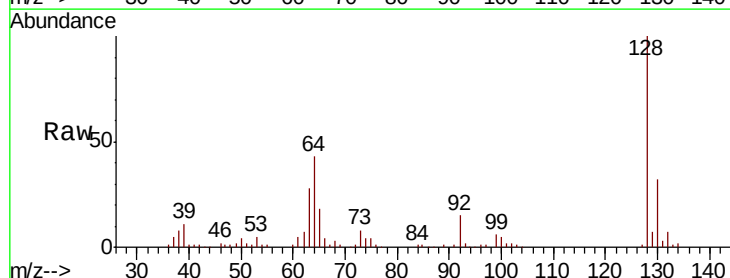
Tgt Ion: 128 Resp: 93814

Ion Ratio Lower Upper

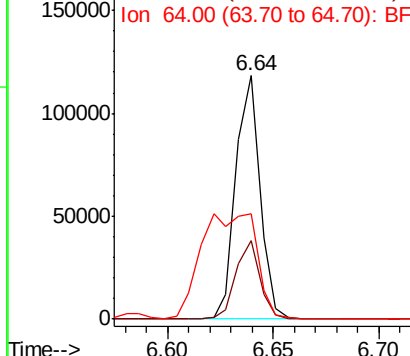
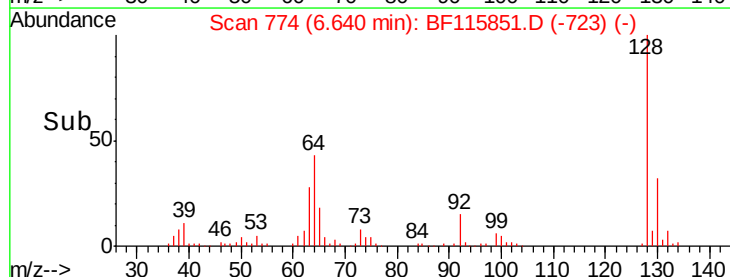
128 100

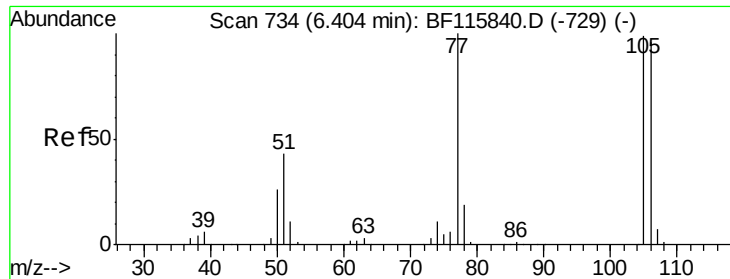
130 32.0 12.9 52.9

64 43.3 26.1 66.1



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





#9

Benzaldehyde

Concen: 11.444 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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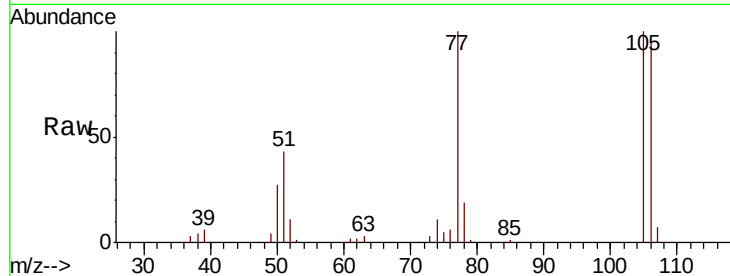
Tgt Ion: 77 Resp: 80587

Ion Ratio Lower Upper

77 100

105 100.3 79.0 119.0

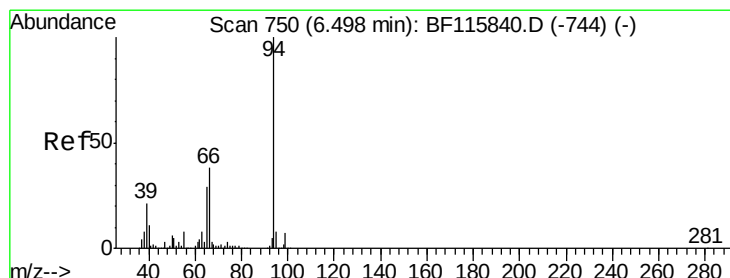
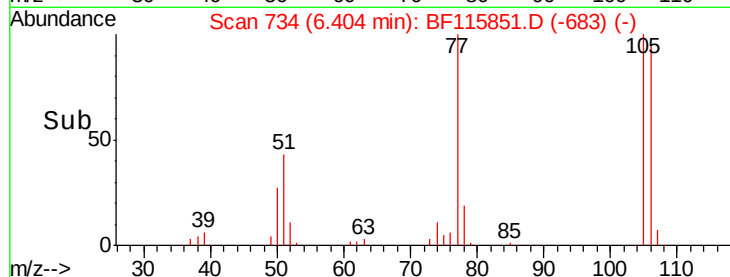
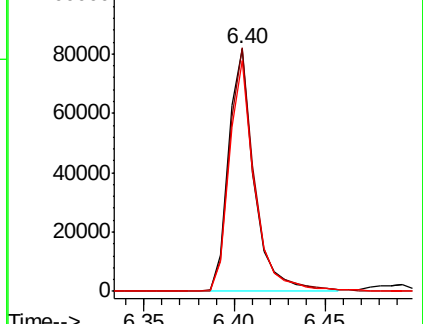
106 94.9 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.560 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

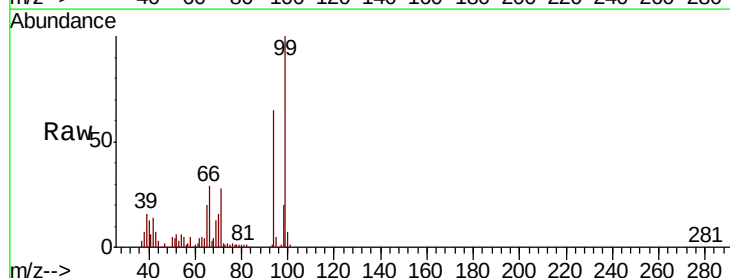
Tgt Ion: 94 Resp: 126909

Ion Ratio Lower Upper

94 100

65 30.1 8.9 48.9

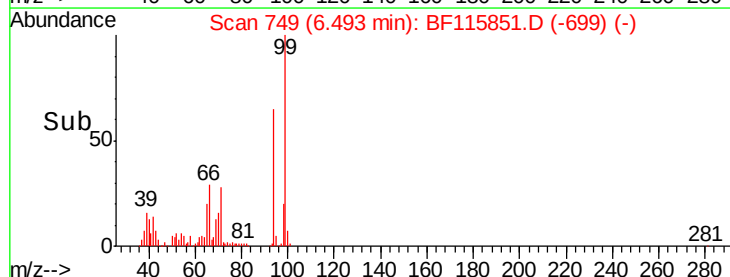
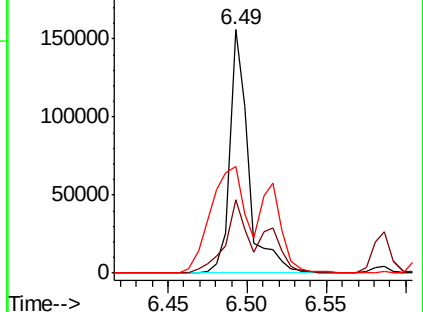
66 43.9 18.0 58.0

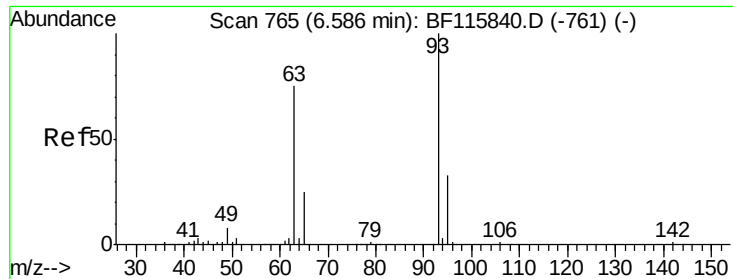


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

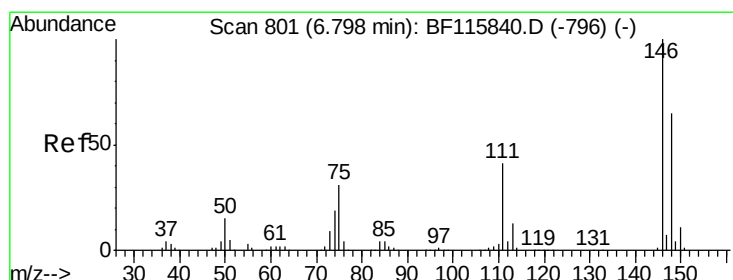
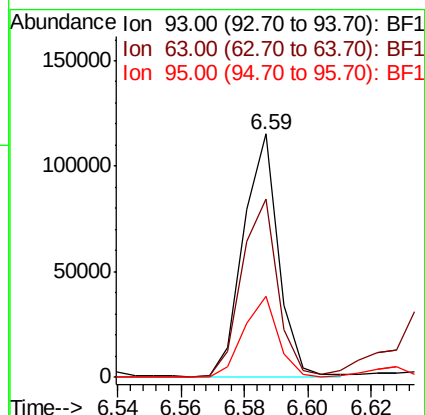
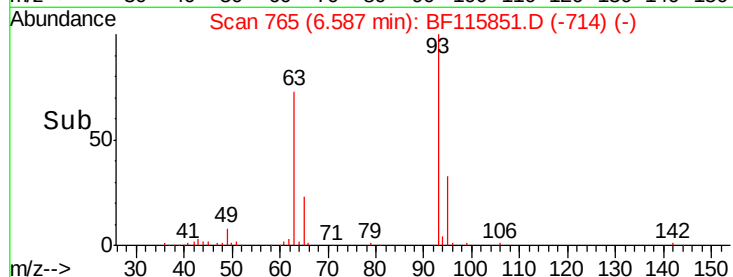
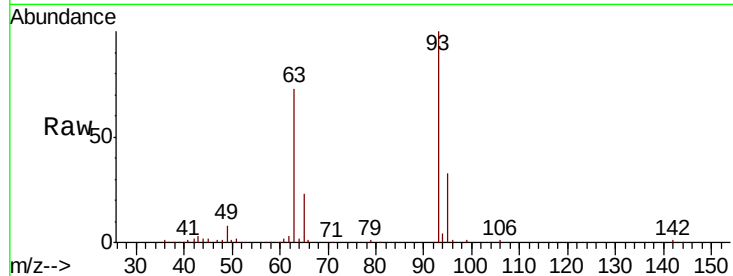




#11
bis(2-Chloroethyl)ether
Concen: 10.032 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

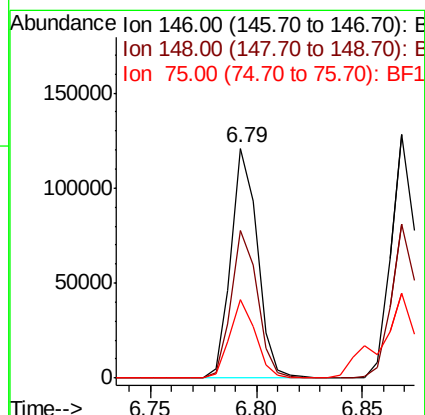
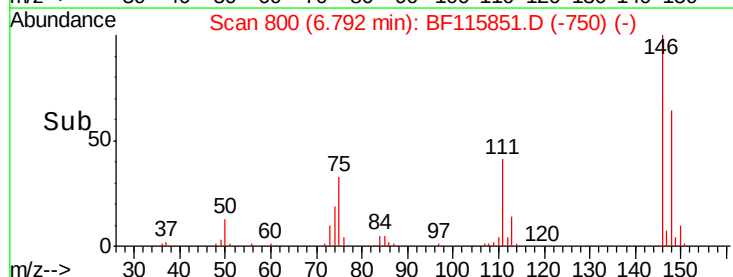
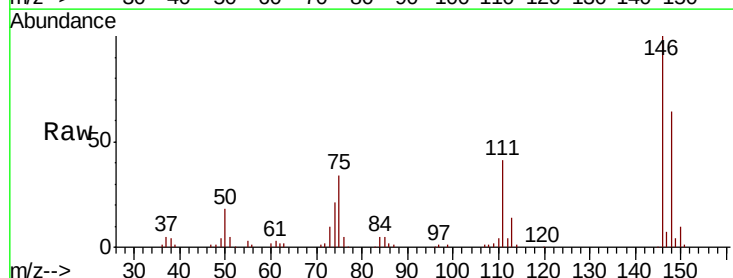
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

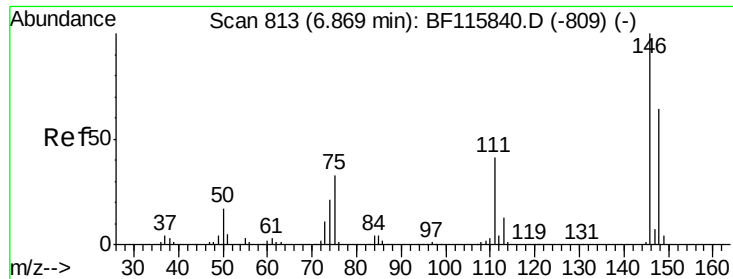
Tgt Ion: 93 Resp: 88639
Ion Ratio Lower Upper
93 100
63 73.1 54.9 94.9
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 10.109 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 146 Resp: 104498
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 34.1 25.0 37.6

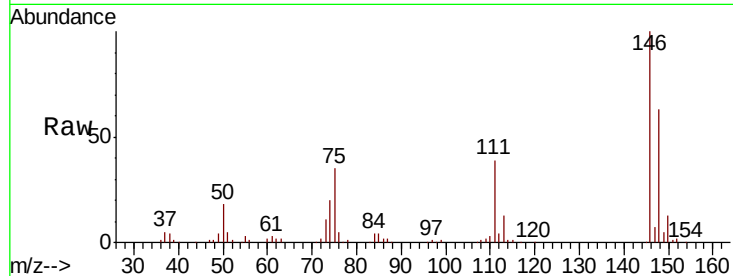




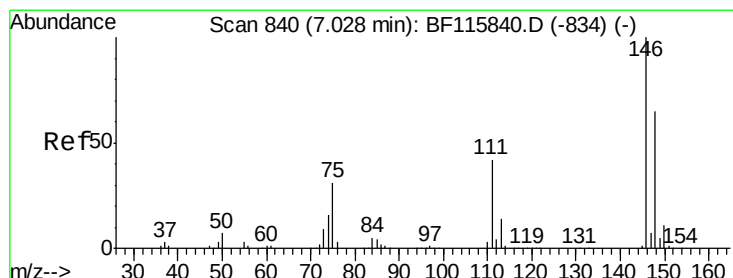
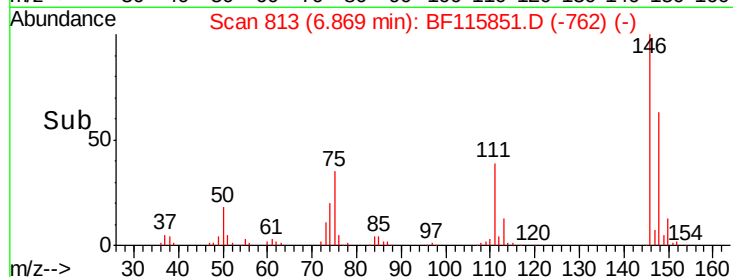
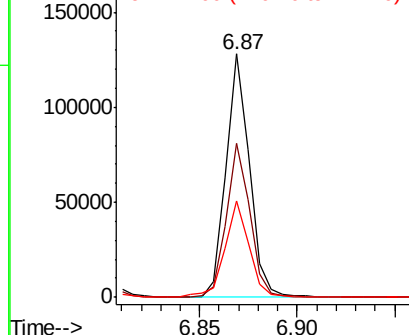
#13
 1,4-Dichlorobenzene
 Concen: 10.338 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion:146 Resp: 107000
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.2 76.8
 111 39.5 33.2 49.8

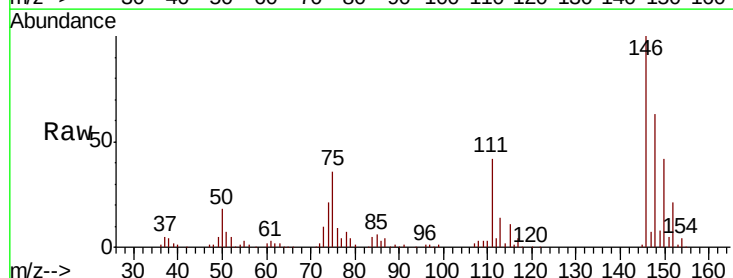


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

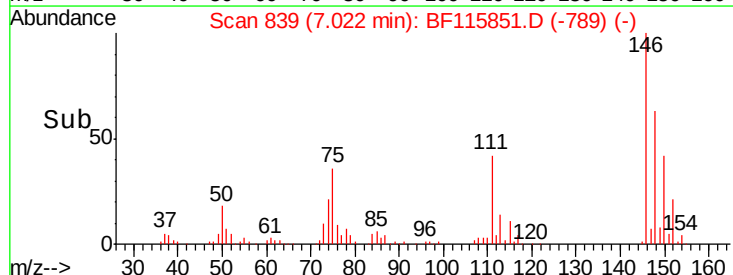
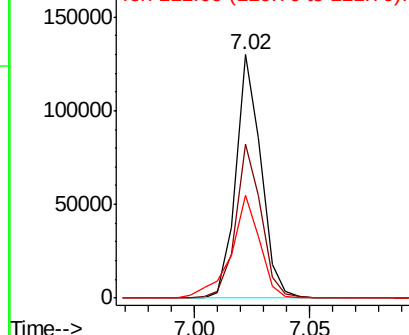


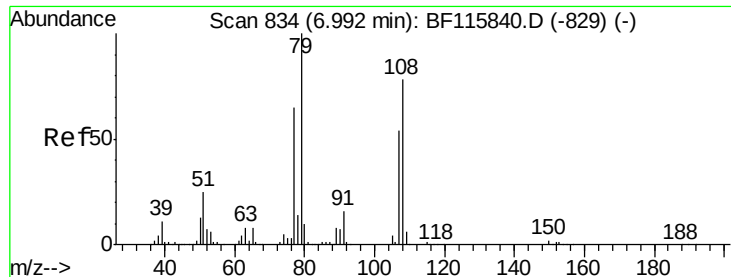
#14
 1,2-Dichlorobenzene
 Concen: 10.346 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:146 Resp: 98601
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 42.3 33.6 50.4



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

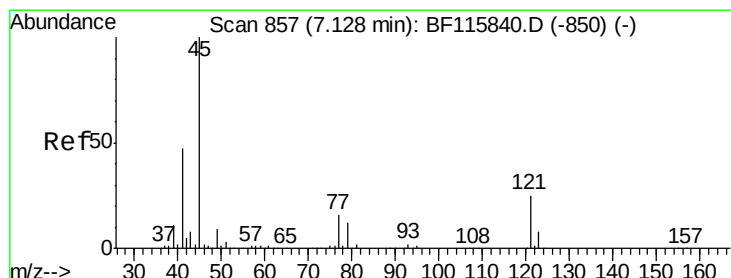
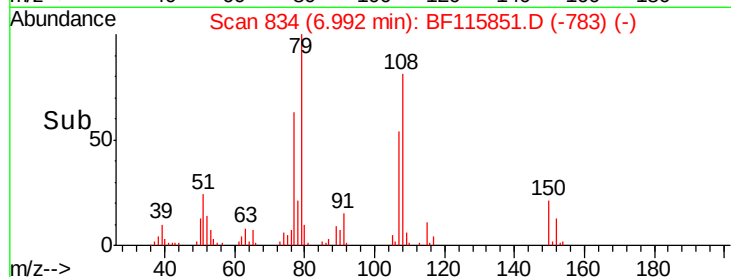
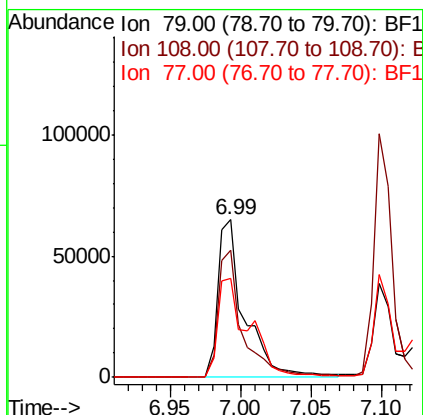
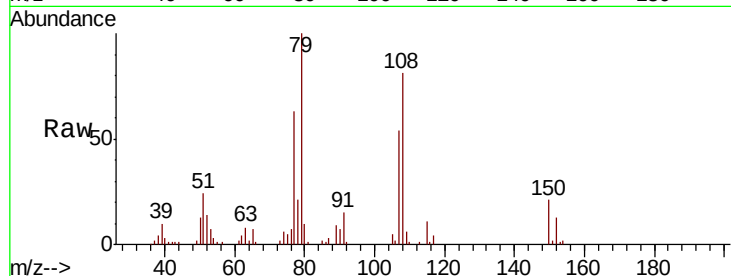




#15
Benzyl Alcohol
Concen: 11.032 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

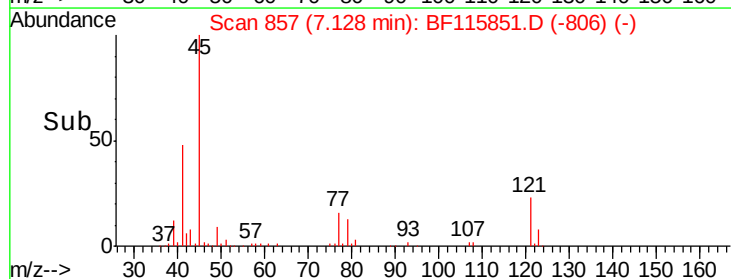
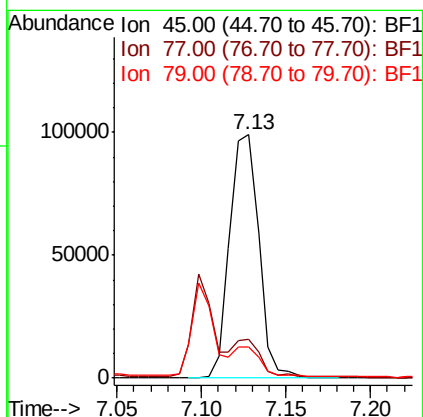
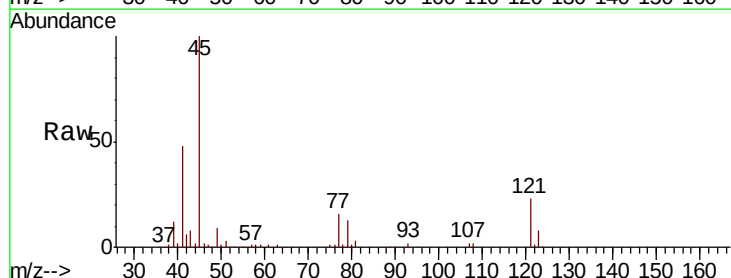
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

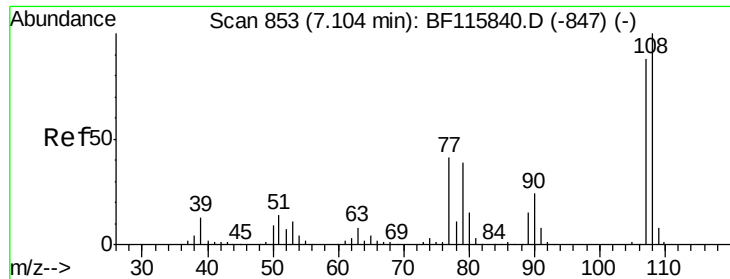
Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.1	62.8	94.2
77	63.1	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.890 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	36.3
79	13.0	0.0	32.5

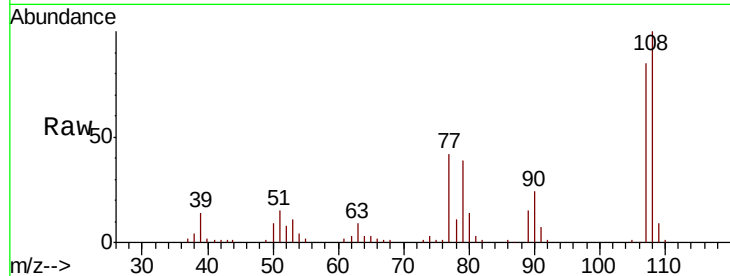




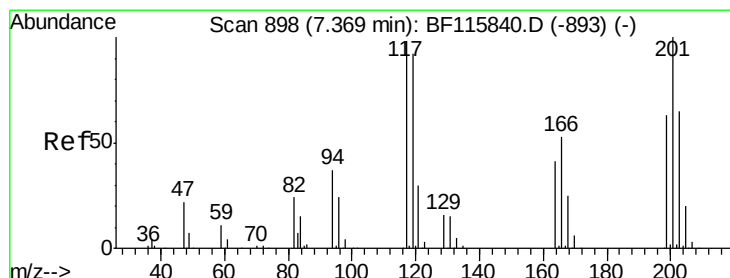
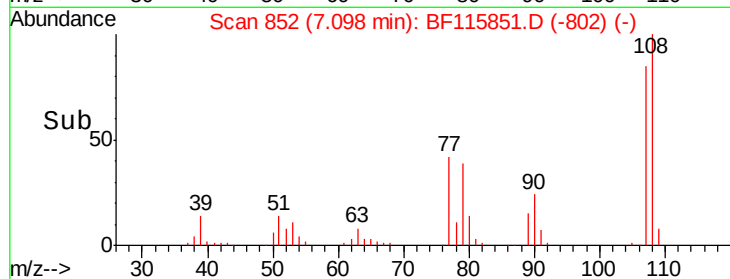
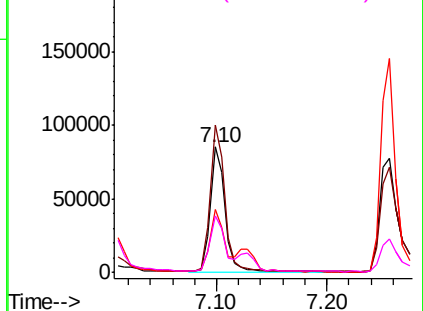
#17
2-Methylphenol
Concen: 10.359 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:107 Resp: 78460
Ion Ratio Lower Upper
107 100
108 117.8 91.4 137.0
77 50.0 37.6 56.4
79 45.4 36.2 54.4

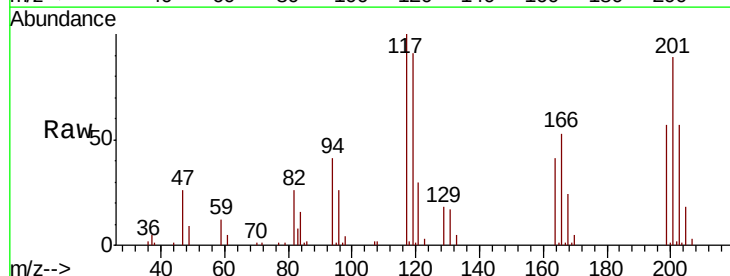


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

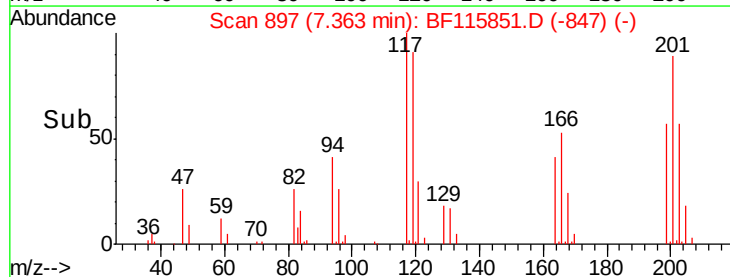
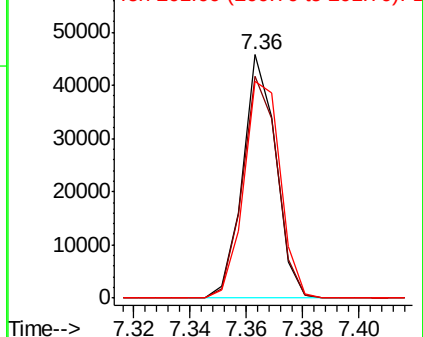


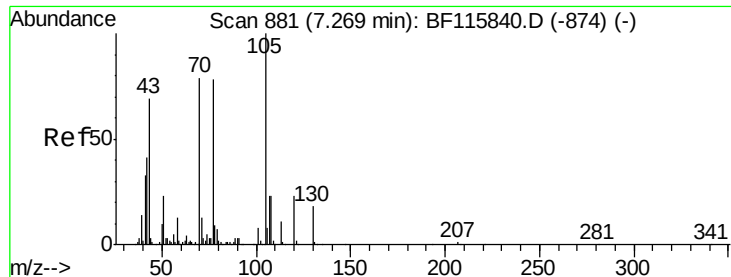
#18
Hexachloroethane
Concen: 9.729 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:117 Resp: 37076
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.6
201 89.0 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

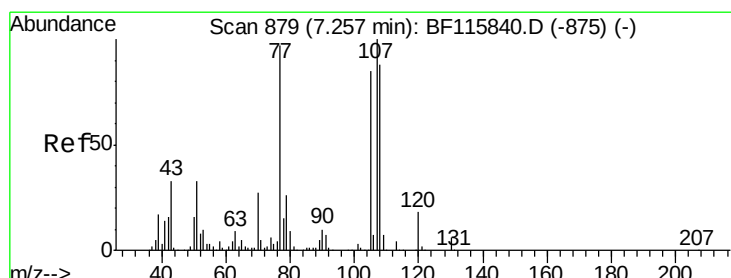
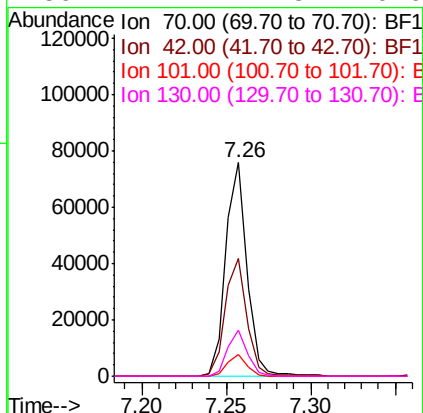
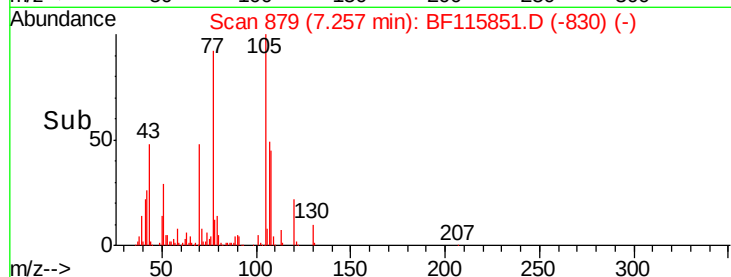
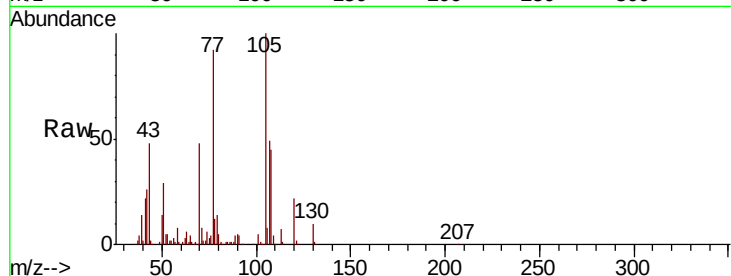




#19
n-Nitroso-di-n-propylamine
Concen: 10.536 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

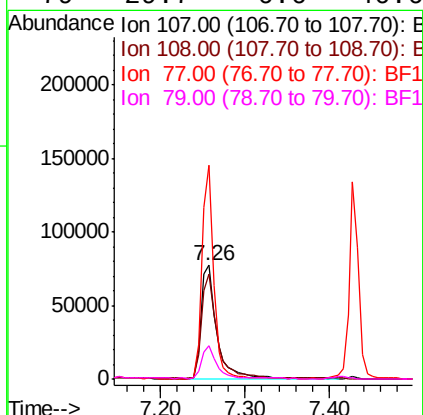
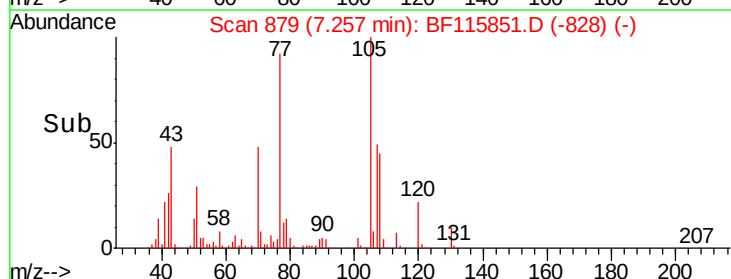
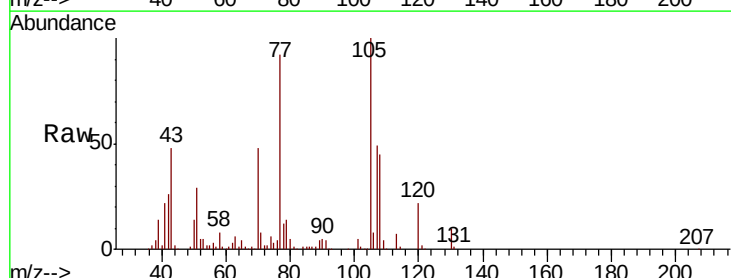
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

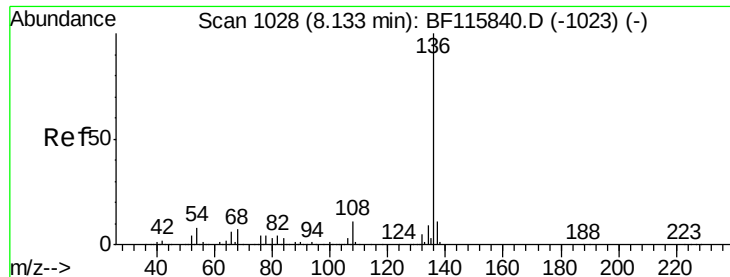
Tgt Ion: 70 Resp: 66630
Ion Ratio Lower Upper
70 100
42 55.2 41.8 62.8
101 9.9 7.7 11.5
130 21.4 17.8 26.6



#20
3+4-Methylphenols
Concen: 11.446 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 107 Resp: 102586
Ion Ratio Lower Upper
107 100
108 92.8 67.9 107.9
77 188.4 77.3 117.3#
79 29.7 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: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tgt Ion:136 Resp: 545003

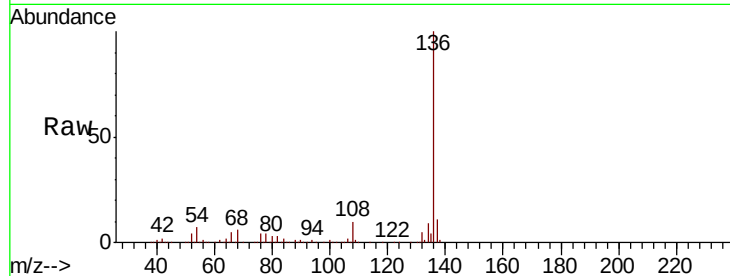
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 6.1 9.1

68 6.2 5.4 8.2

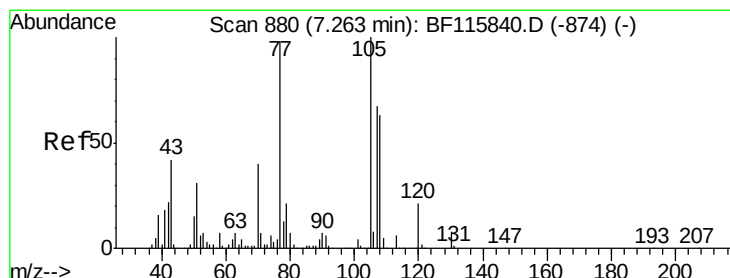
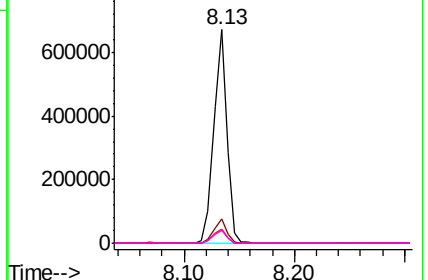
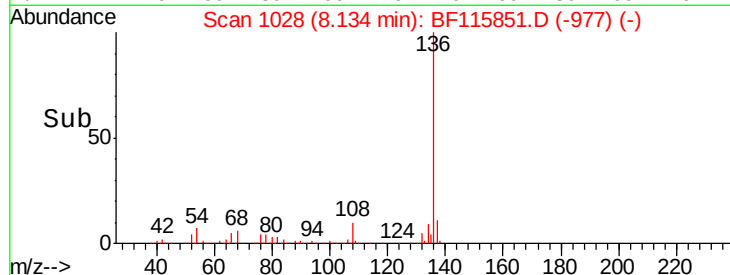


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 11.255 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:105 Resp: 134528

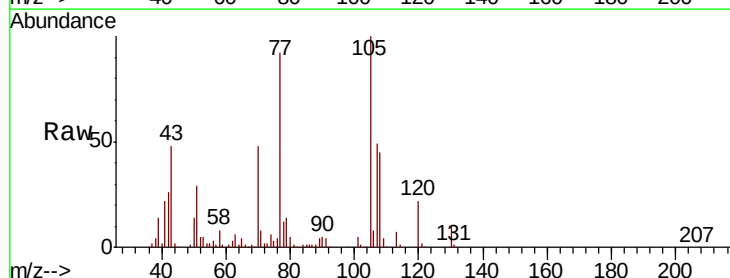
Ion Ratio Lower Upper

105 100

71 7.7 5.4 8.0

51 29.1 24.6 36.8

120 22.4 17.0 25.6

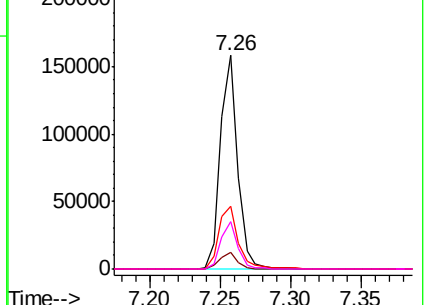
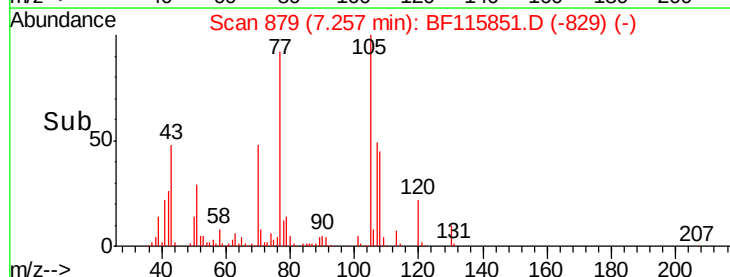


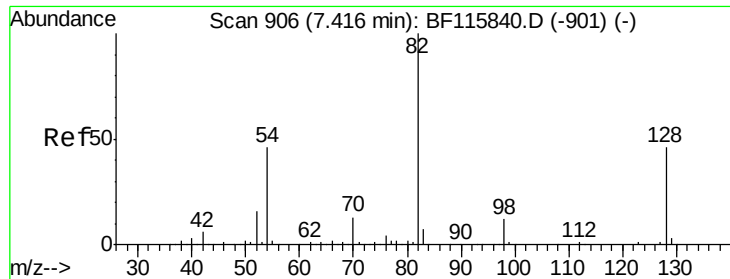
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.858 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

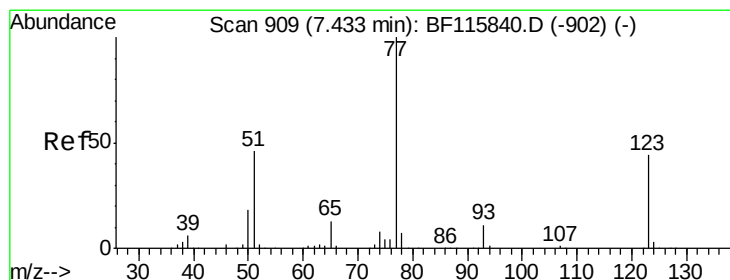
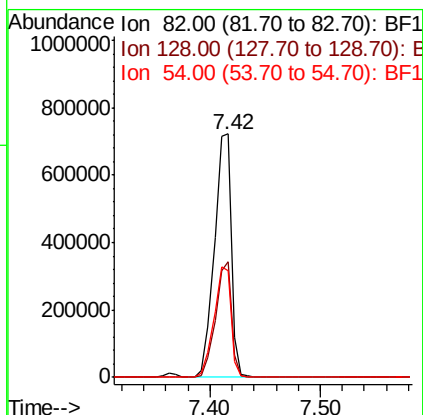
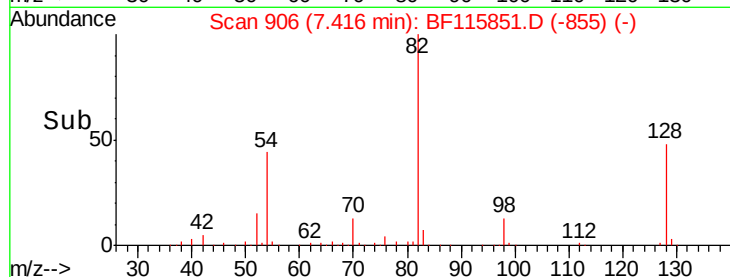
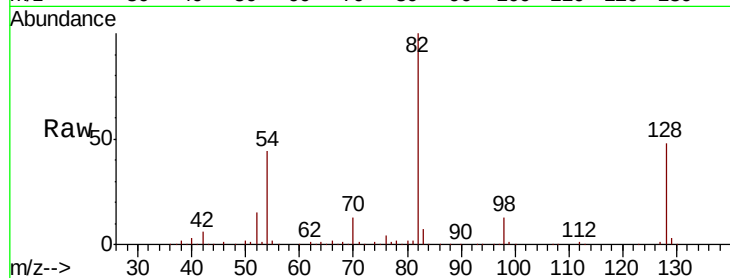
Tgt Ion: 82 Resp: 763431

Ion Ratio Lower Upper

82 100

128 47.7 36.6 55.0

54 44.0 36.6 55.0



#24

Nitrobenzene

Concen: 10.578 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

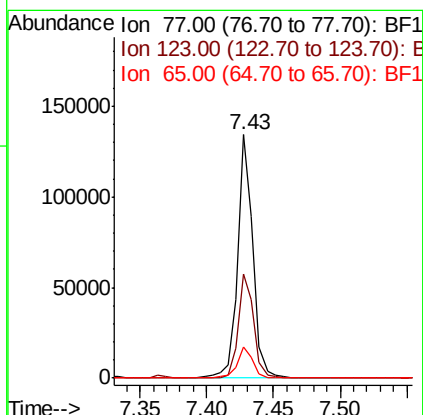
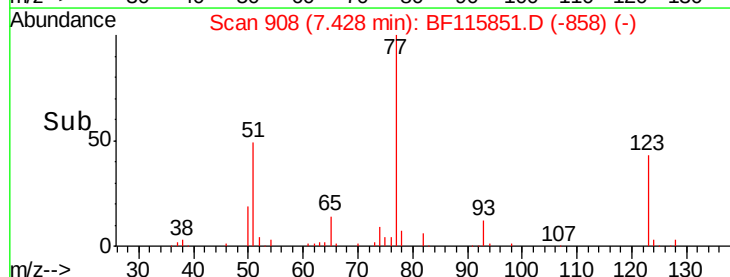
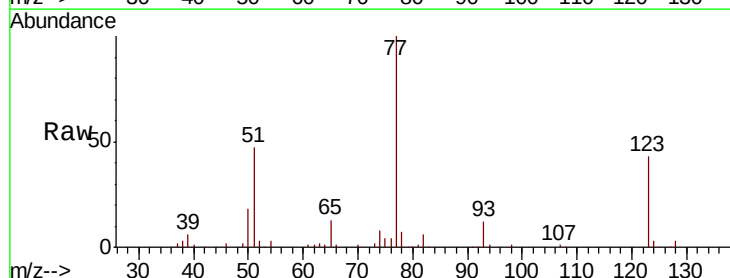
Tgt Ion: 77 Resp: 107837

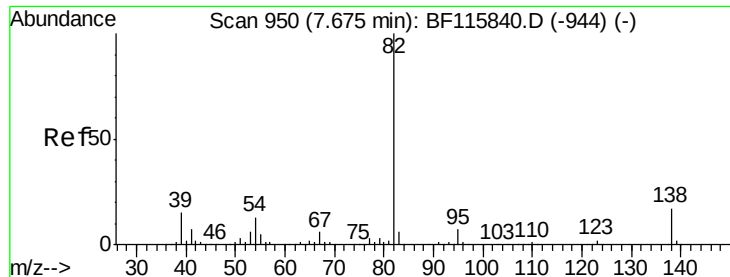
Ion Ratio Lower Upper

77 100

123 42.9 35.5 53.3

65 12.8 10.6 15.8





#25

Isophorone

Concen: 10.131 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

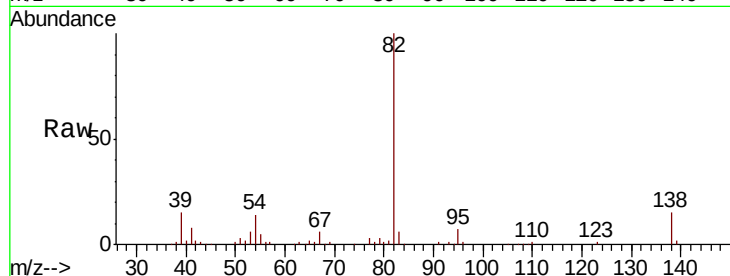
Tgt Ion: 82 Resp: 182913

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

138 15.4 13.9 20.9

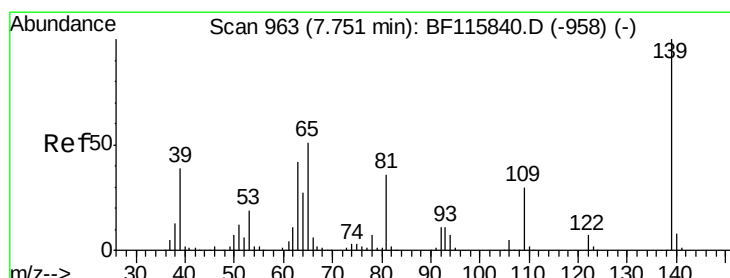
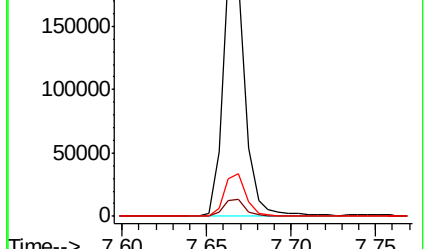
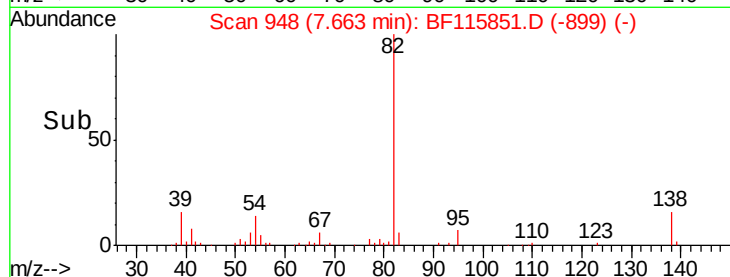


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#26

2-Nitrophenol

Concen: 9.640 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

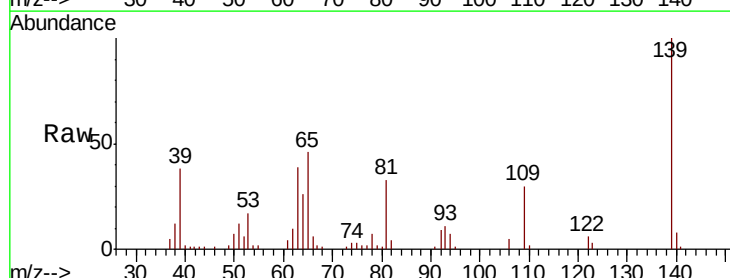
Tgt Ion: 139 Resp: 46326

Ion Ratio Lower Upper

139 100

109 30.0 23.6 35.4

65 46.1 40.6 60.8

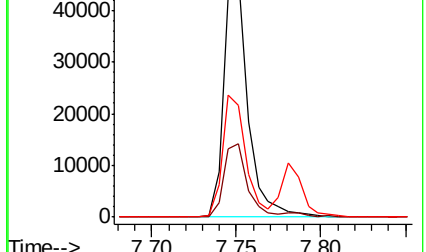
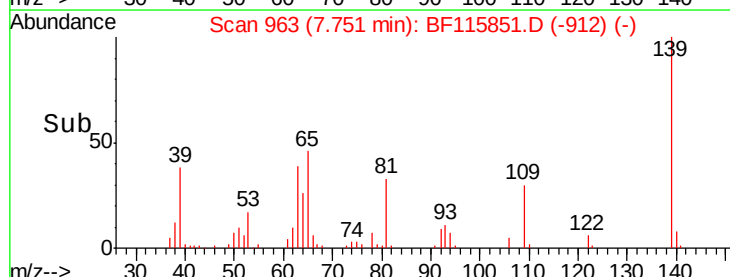


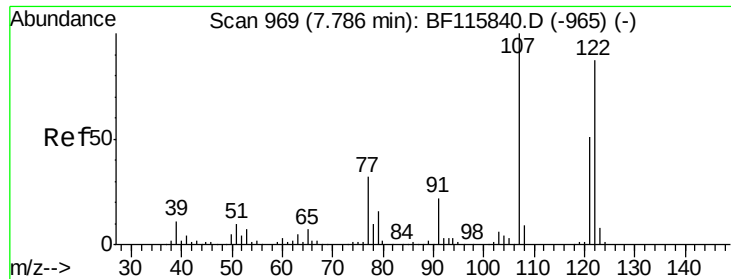
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->

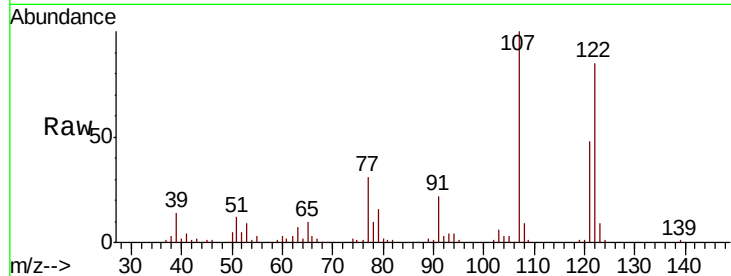




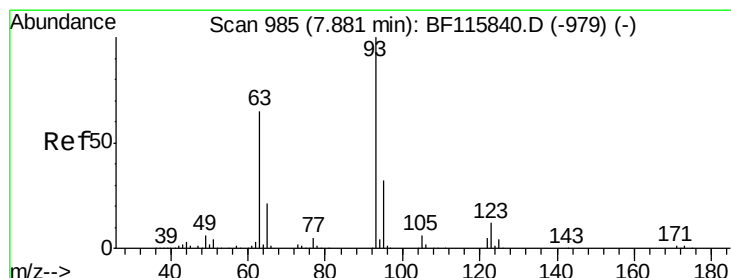
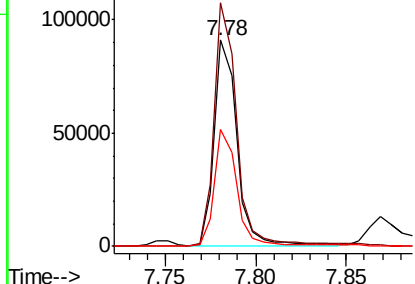
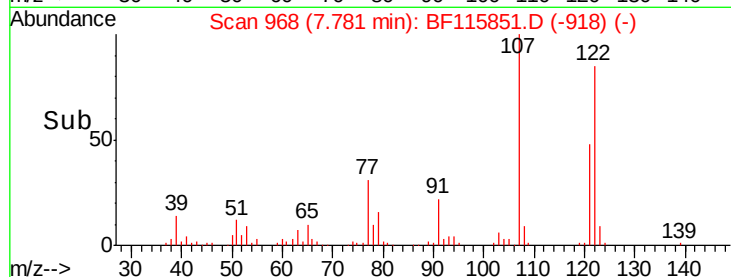
#27
 2,4-Dimethylphenol
 Concen: 10.910 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion: 122 Resp: 78877
 Ion Ratio Lower Upper
 122 100
 107 118.0 91.7 137.5
 121 56.9 46.6 70.0

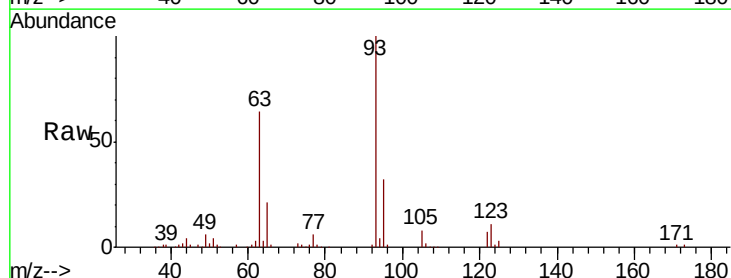


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

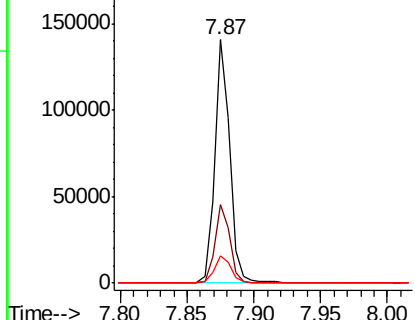
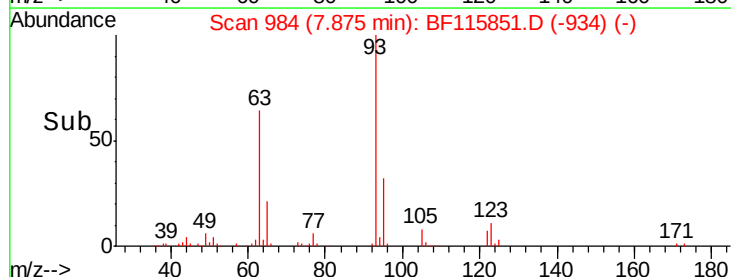


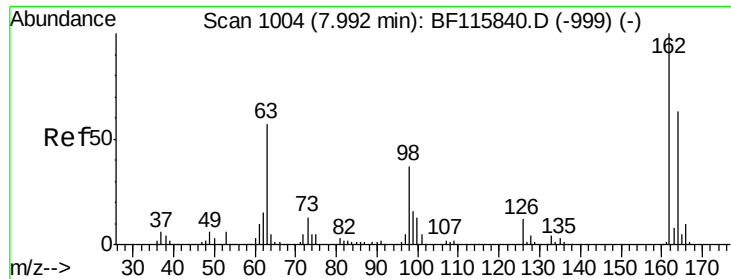
#28
 bis(2-Chloroethoxy)methane
 Concen: 9.990 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion: 93 Resp: 111787
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.4 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

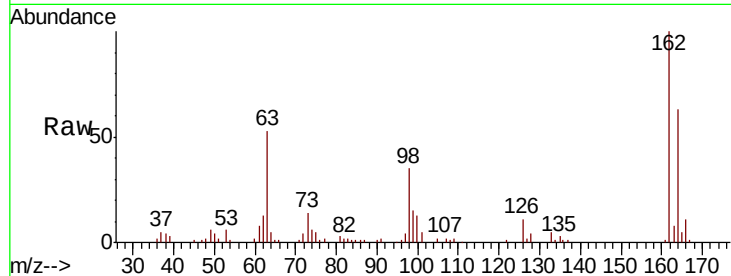




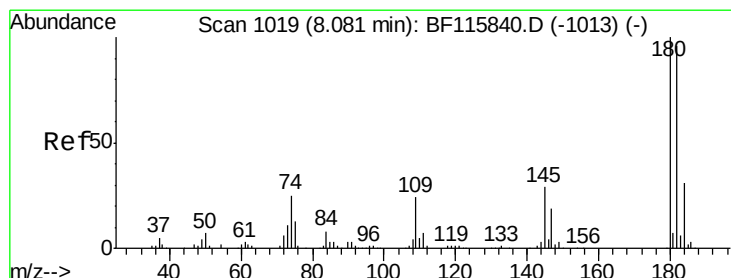
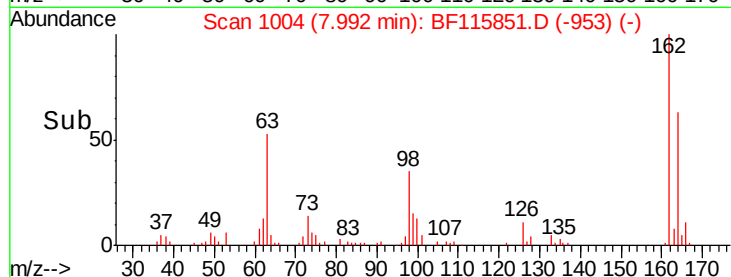
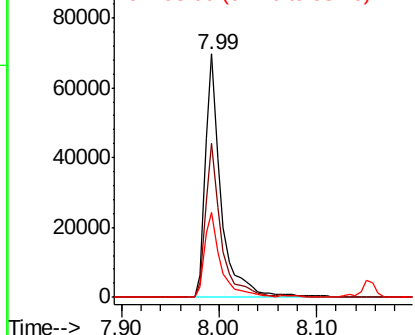
#29
2,4-Dichlorophenol
Concen: 10.219 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	35.0	17.3	57.3

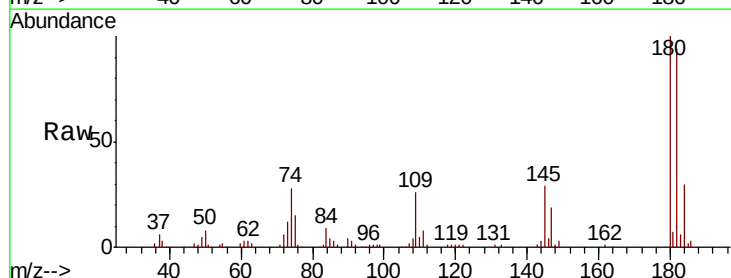


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

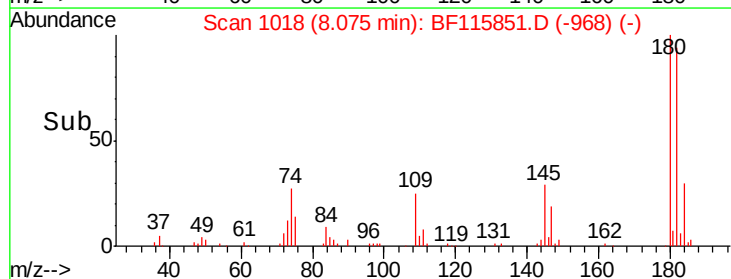
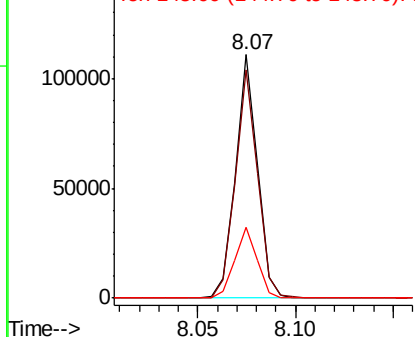


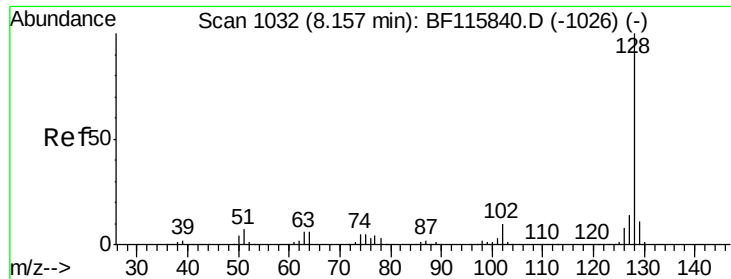
#30
1,2,4-Trichlorobenzene
Concen: 9.946 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	28.9	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

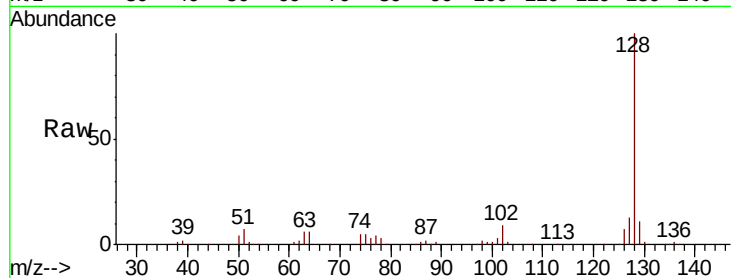




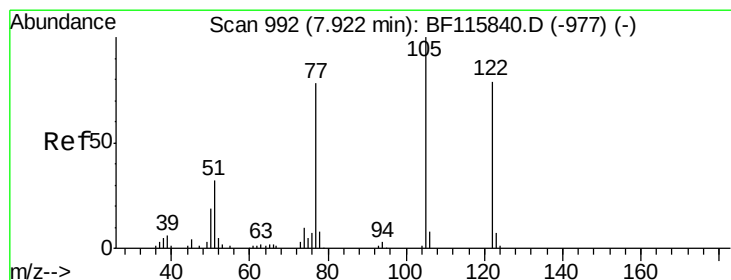
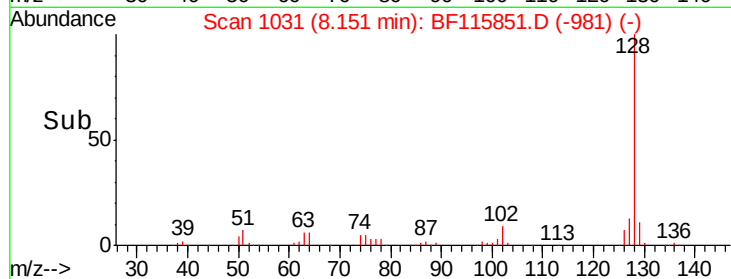
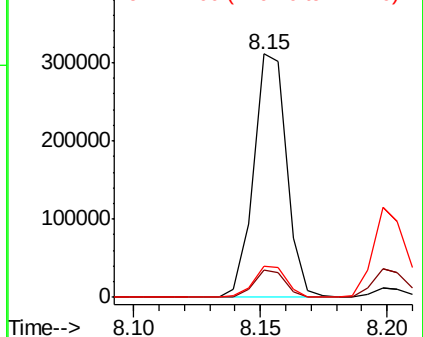
#31
Naphthalene
Concen: 11.077 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:128 Resp: 284076
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 11.0 16.4

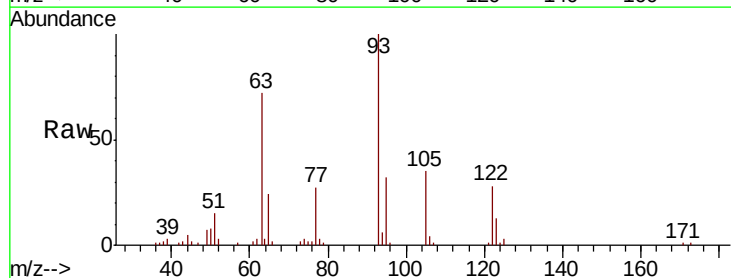


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

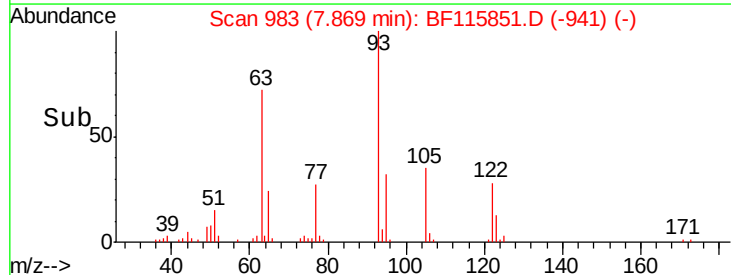
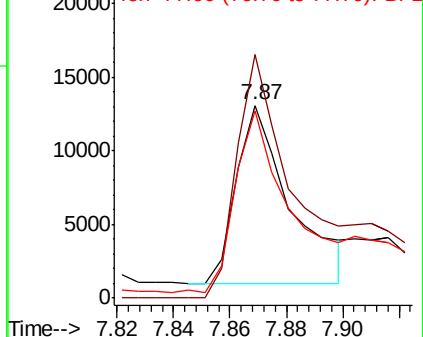


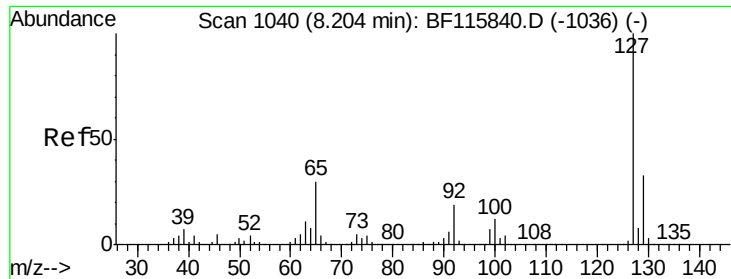
#32
Benzoic acid
Concen: 3.149 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:122 Resp: 16054
Ion Ratio Lower Upper
122 100
105 126.4 103.1 143.1
77 97.2 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

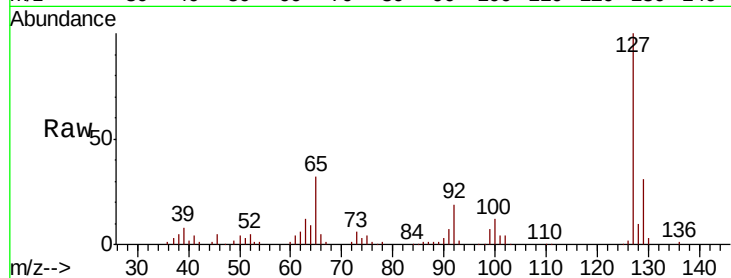




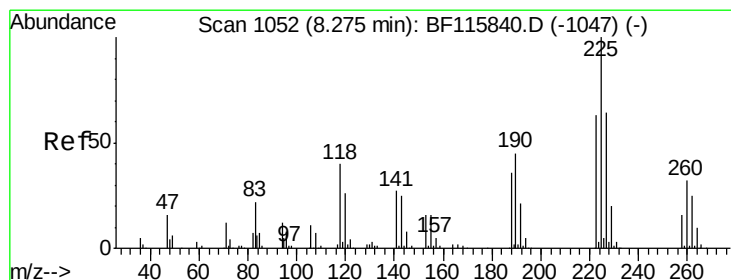
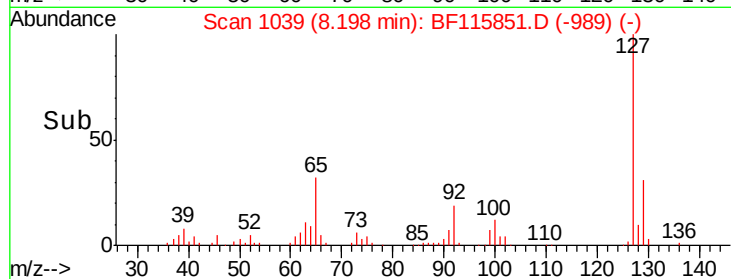
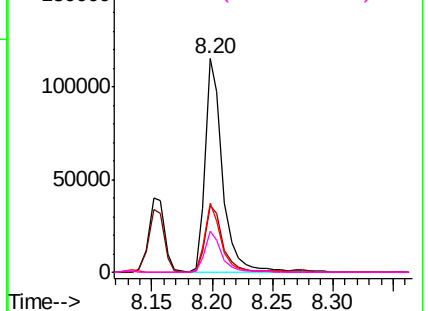
#33
4-Chloroaniline
Concen: 10.099 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:	127	Resp:	115729
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.0	39.0
65	32.4	23.9	35.9
92	19.3	14.9	22.3

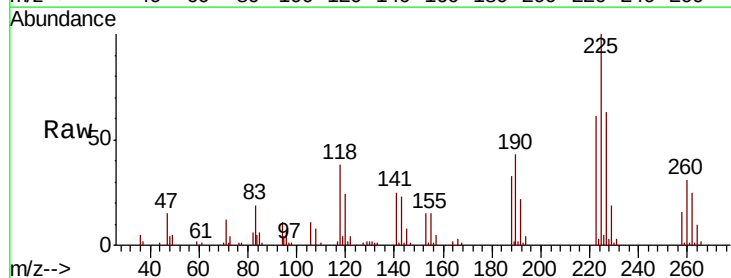


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

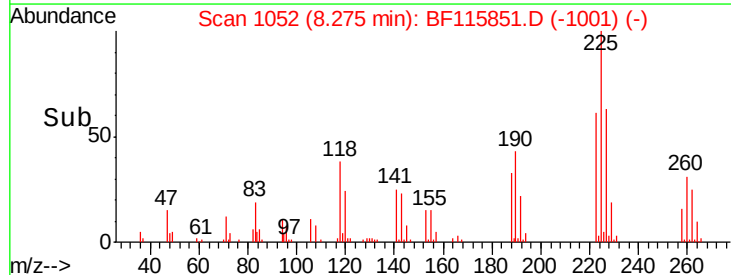
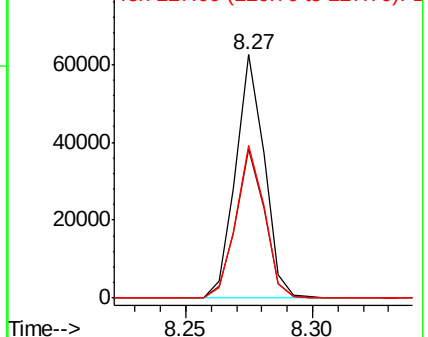


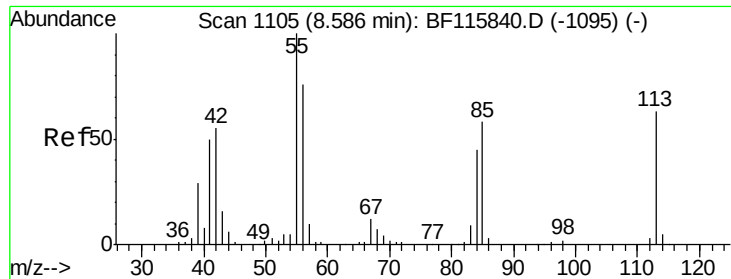
#34
Hexachlorobutadiene
Concen: 9.796 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:	225	Resp:	49101
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.4	75.6
227	62.7	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

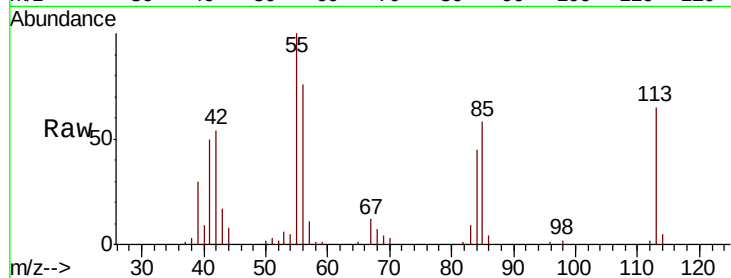




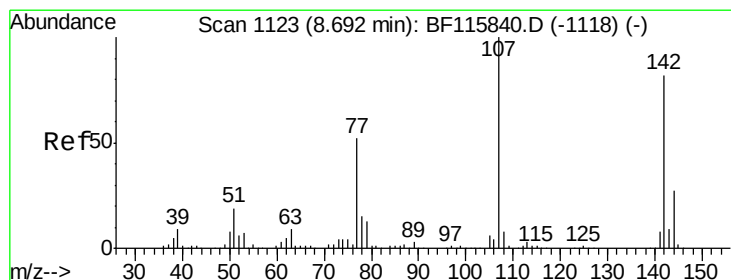
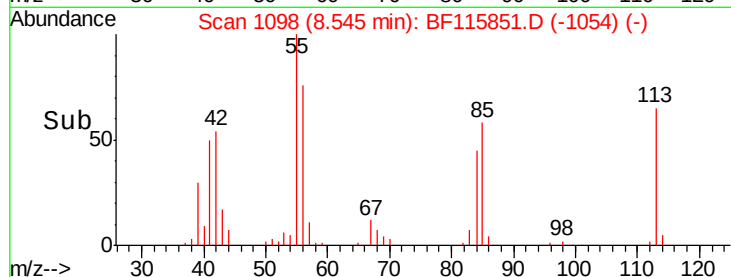
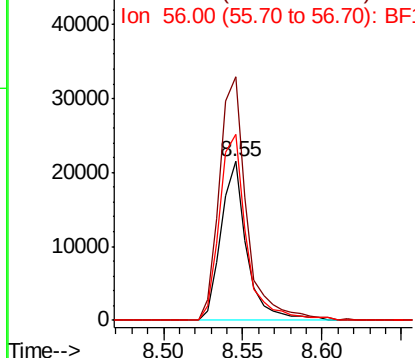
#35
 Caprolactam
 Concen: 9.832 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion:113 Resp: 24276
 Ion Ratio Lower Upper
 113 100
 55 153.1 138.1 178.1
 56 117.0 100.6 140.6

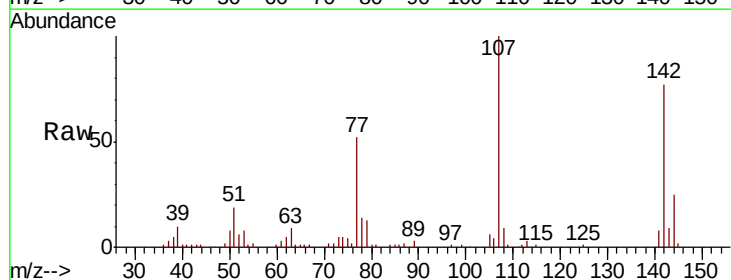


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

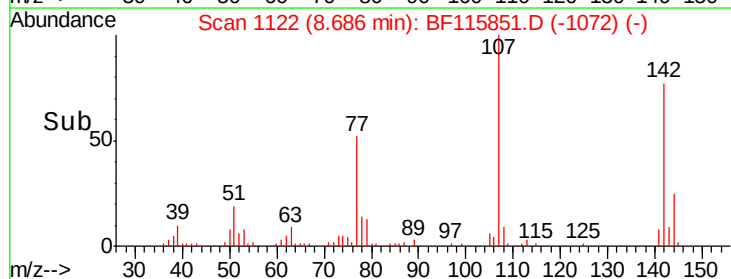
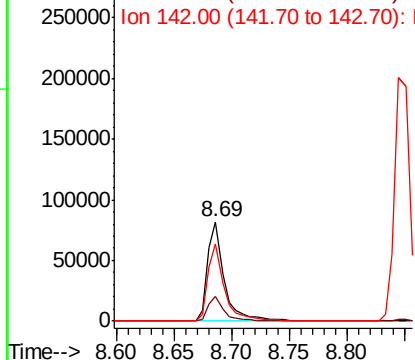


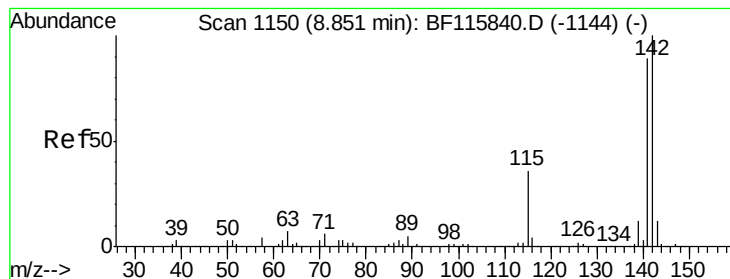
#36
 4-Chloro-3-methylphenol
 Concen: 10.396 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:107 Resp: 82564
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 77.4 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: 11.054 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

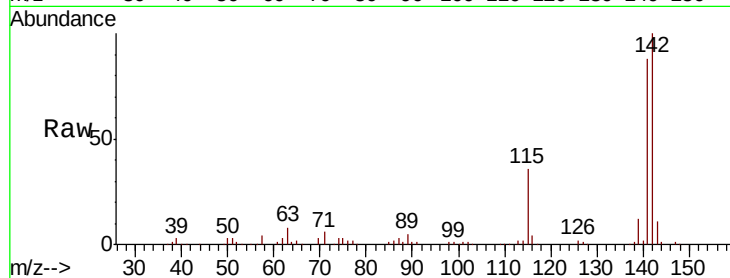
Tgt Ion:142 Resp: 186701

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

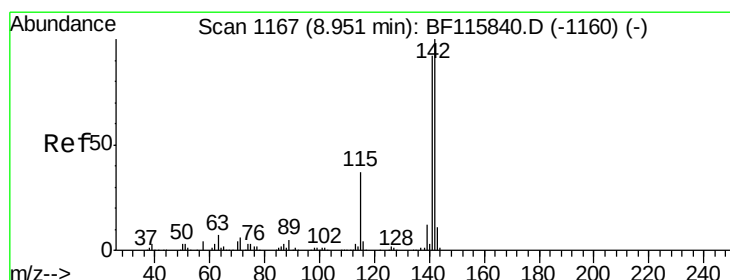
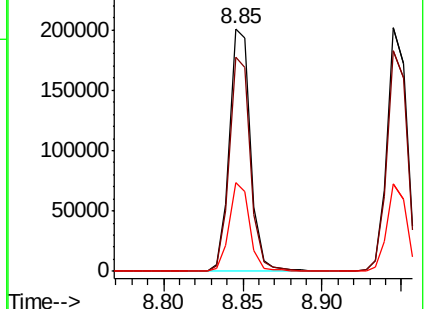
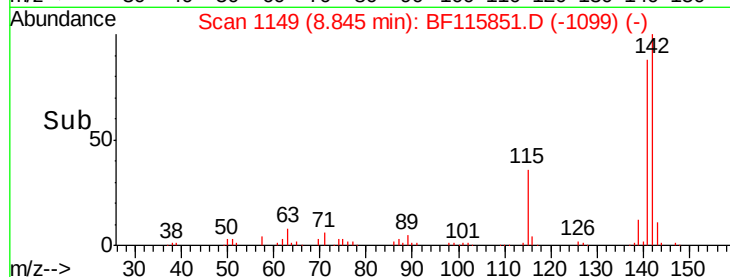
115 36.4 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.032 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

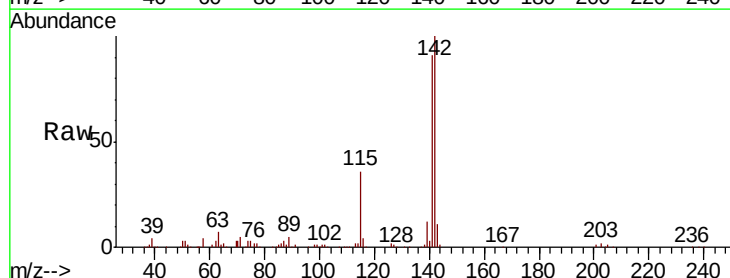
Tgt Ion:142 Resp: 176278

Ion Ratio Lower Upper

142 100

141 90.9 73.8 110.6

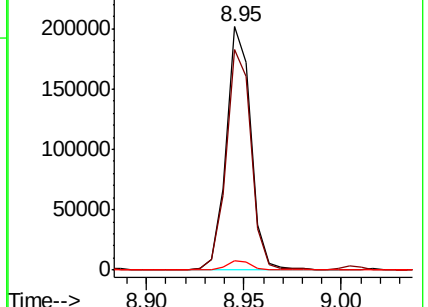
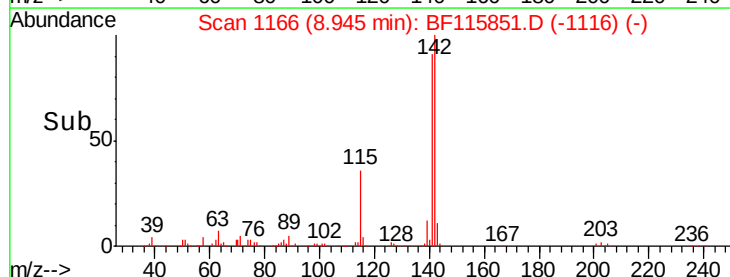
116 3.9 3.1 4.7

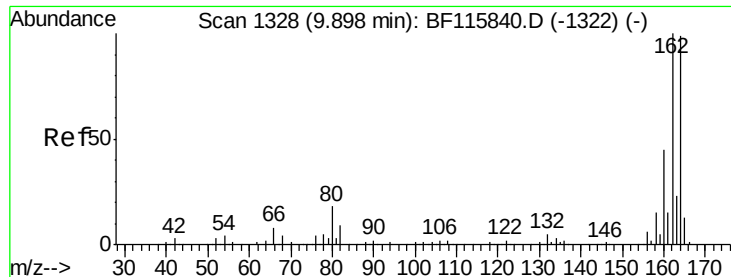


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

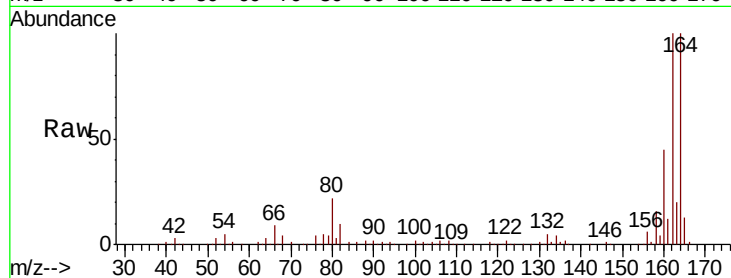
Tgt Ion:164 Resp: 289862

Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

160 45.1 36.2 54.4

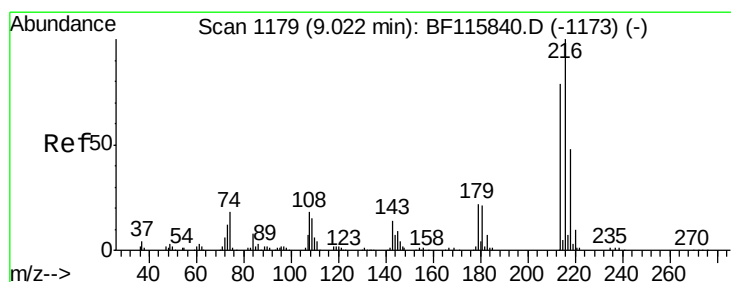
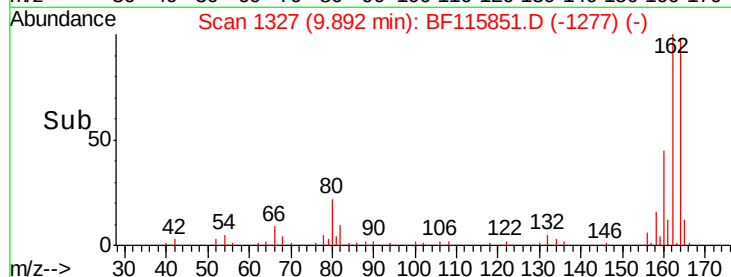
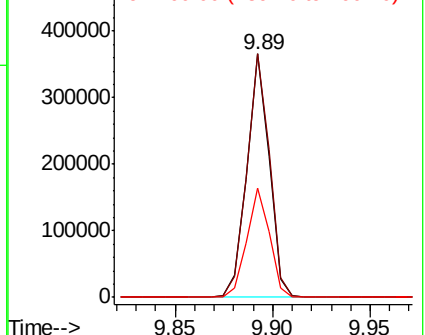


Abundance

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: 10.689 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:216 Resp: 82830

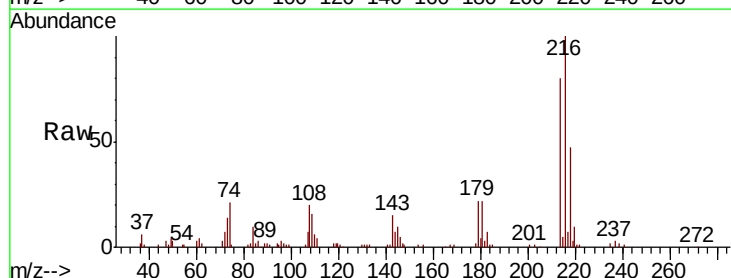
Ion Ratio Lower Upper

216 100

214 79.1 62.8 94.2

179 21.6 17.6 26.4

108 19.8 16.1 24.1



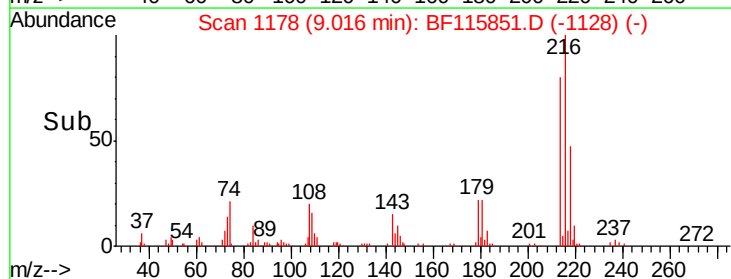
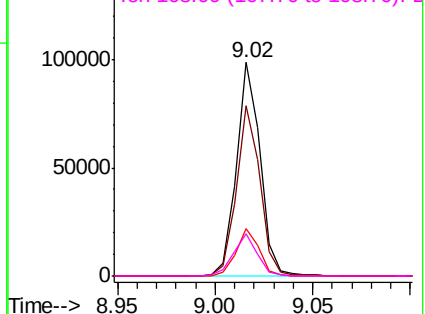
Abundance

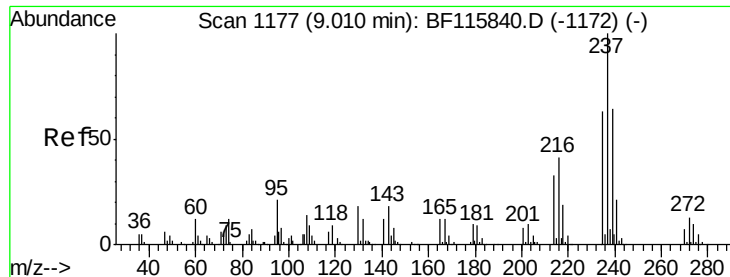
Ion 216.00 (215.70 to 216.70): E

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: 6.138 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

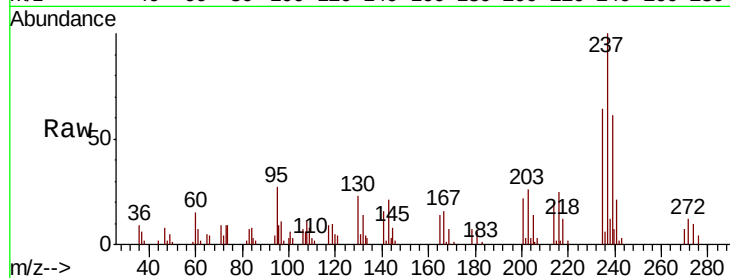
Tgt Ion: 237 Resp: 18592

Ion Ratio Lower Upper

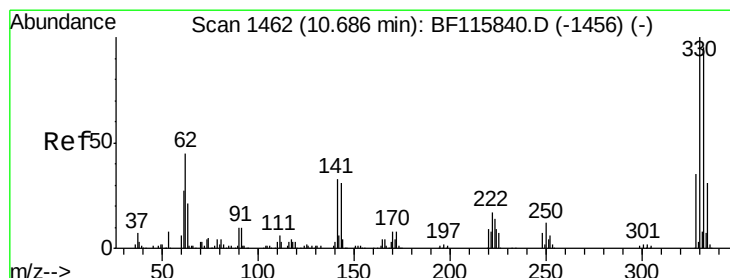
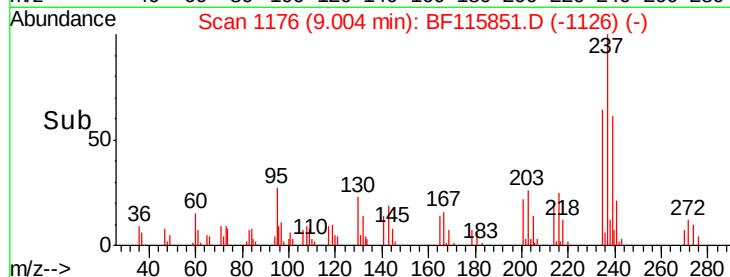
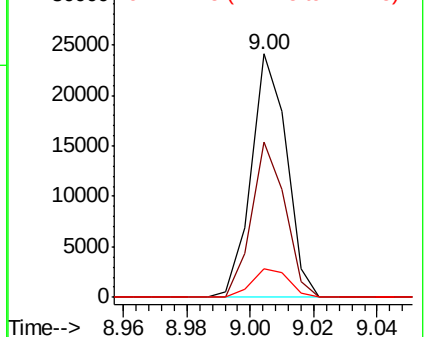
237 100

235 63.9 42.5 82.5

272 11.6 0.0 33.3



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: 118.359 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

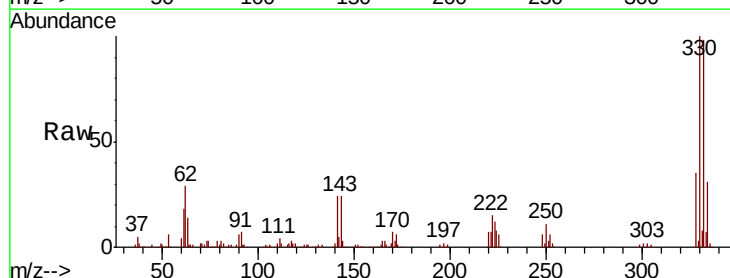
Tgt Ion: 330 Resp: 332623

Ion Ratio Lower Upper

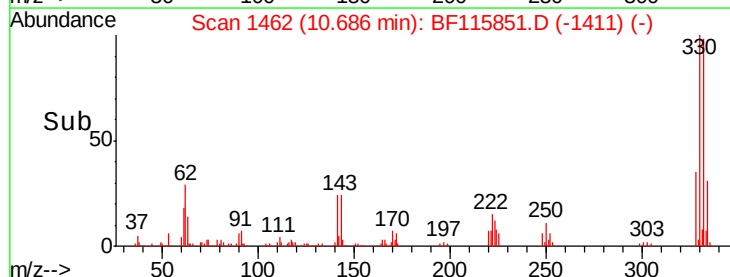
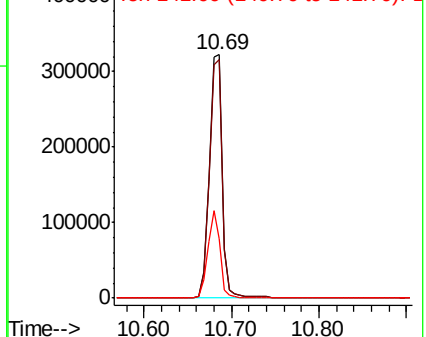
330 100

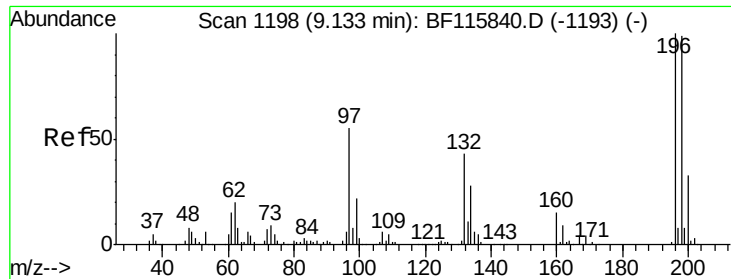
332 97.4 77.7 116.5

141 33.6 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

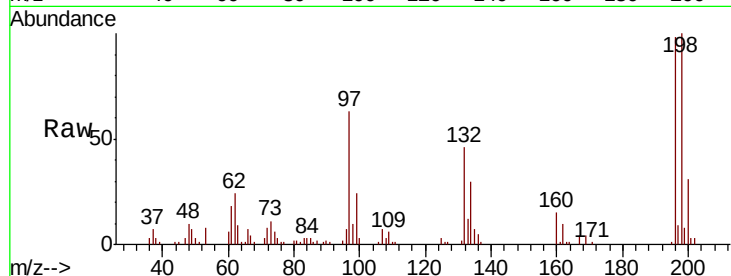




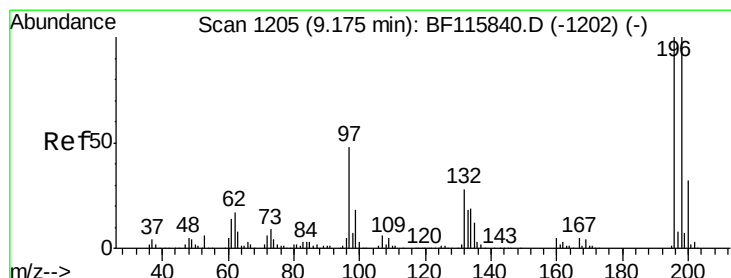
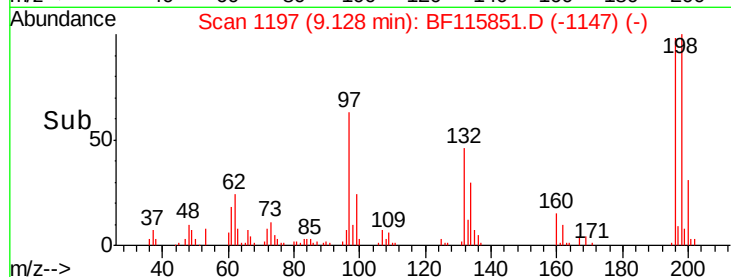
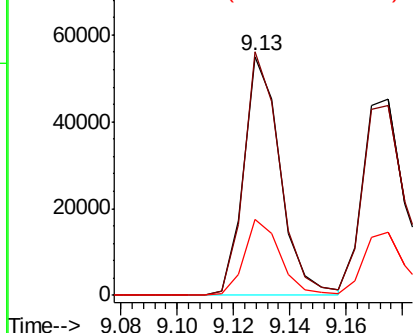
#43
 2,4,6-Trichlorophenol
 Concen: 9.286 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion:196 Resp: 49530
 Ion Ratio Lower Upper
 196 100
 198 102.0 79.1 118.7
 200 32.0 26.0 39.0



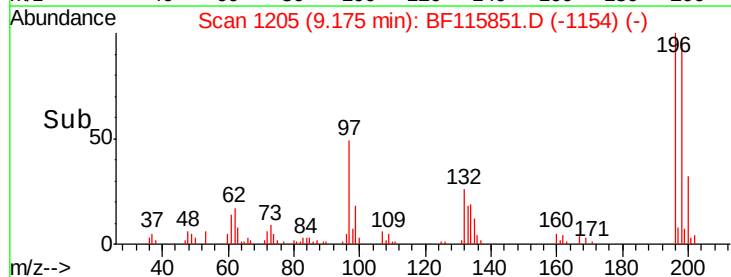
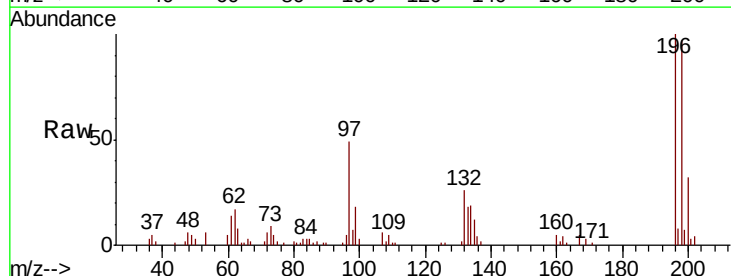
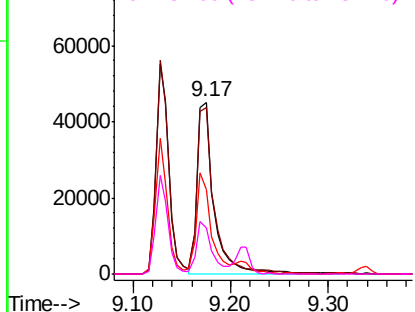
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

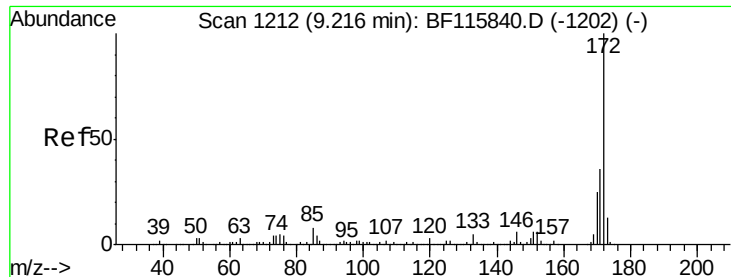


#44
 2,4,5-Trichlorophenol
 Concen: 9.964 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:196 Resp: 54936
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.1 120.1
 97 49.4 38.9 58.3
 132 26.5 22.6 33.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

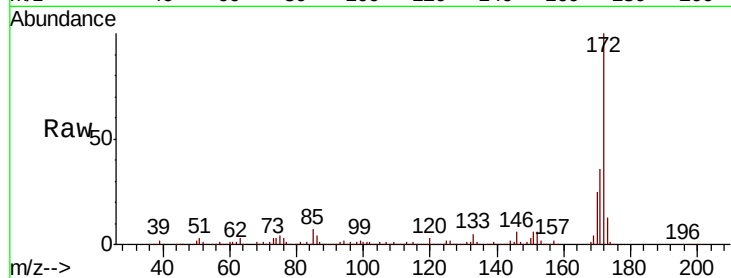




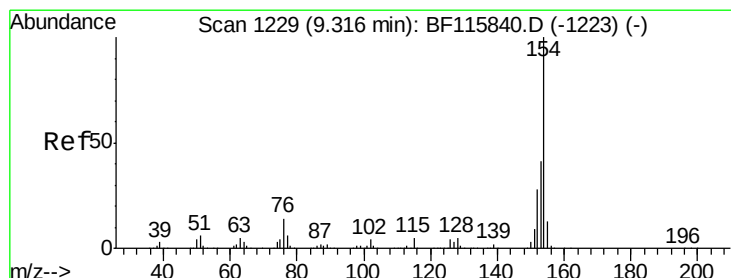
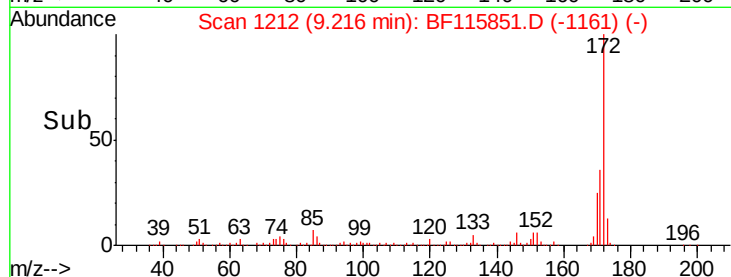
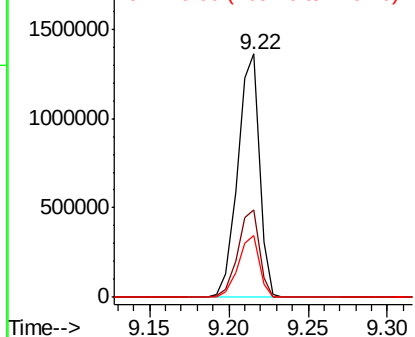
#45
2-Fluorobiphenyl
Concen: 83.335 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:172 Resp: 1289628
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 25.1 20.1 30.1

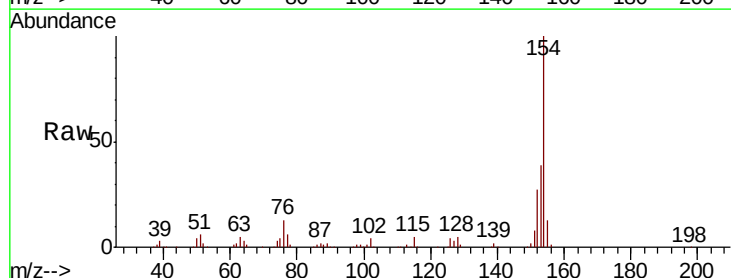


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

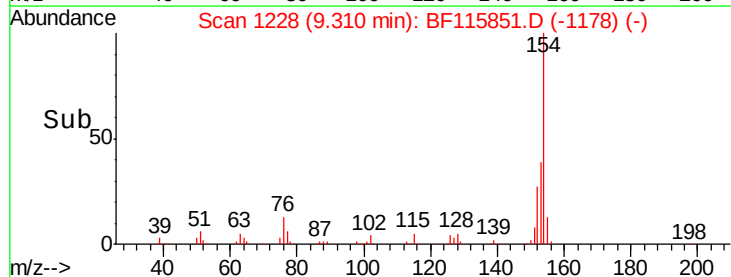
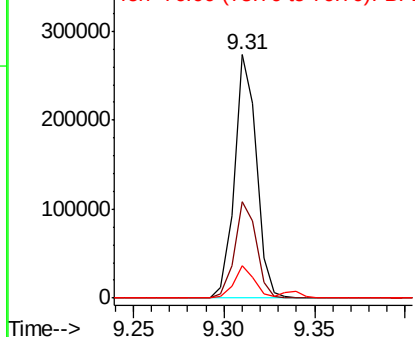


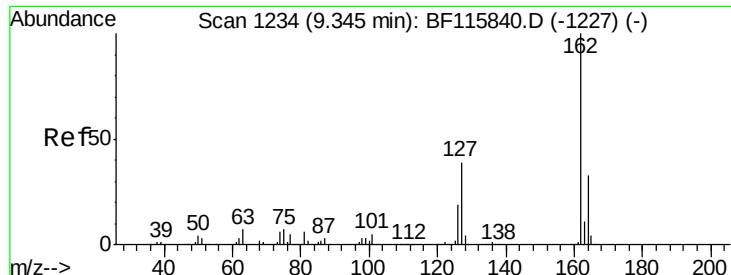
#46
1,1'-Biphenyl
Concen: 11.285 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:154 Resp: 230947
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 13.3 0.0 34.3



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

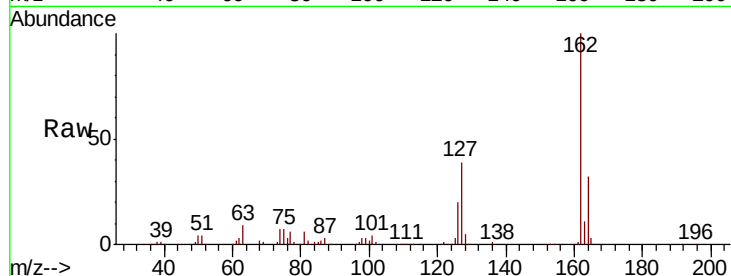




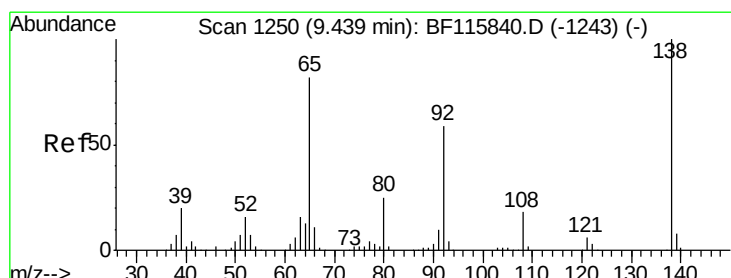
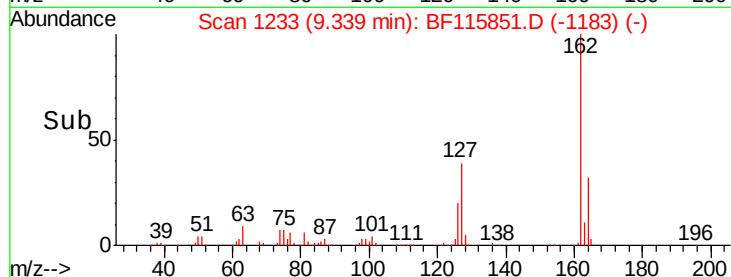
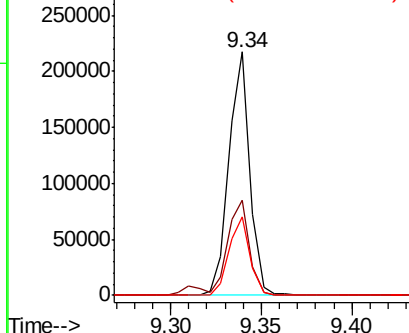
#47
2-Chloronaphthalene
Concen: 10.276 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion: 162 Resp: 175029
Ion Ratio Lower Upper
162 100
127 38.9 31.3 46.9
164 32.1 26.6 40.0

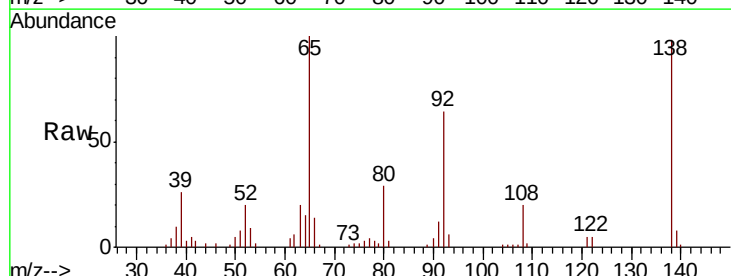


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

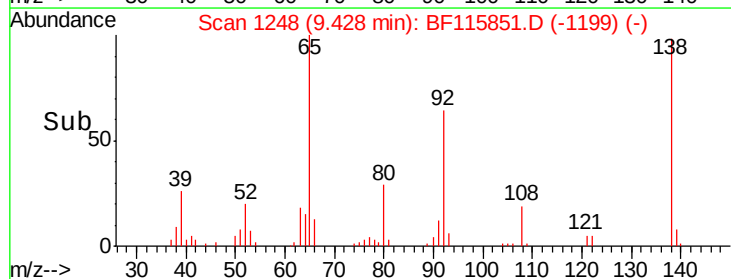
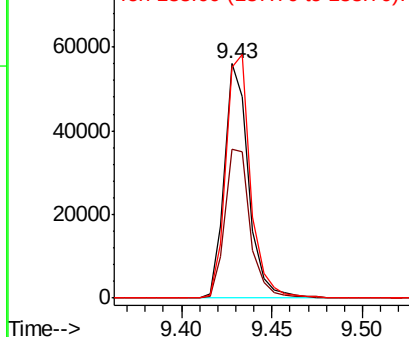


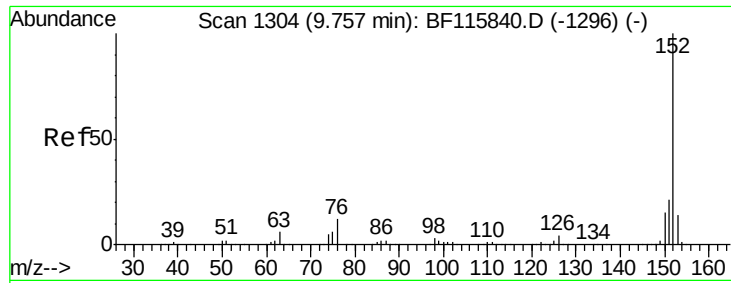
#48
2-Nitroaniline
Concen: 9.275 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 65 Resp: 52218
Ion Ratio Lower Upper
65 100
92 63.6 57.1 85.7
138 98.5 97.1 145.7



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





#49

Acenaphthylene

Concen: 11.135 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

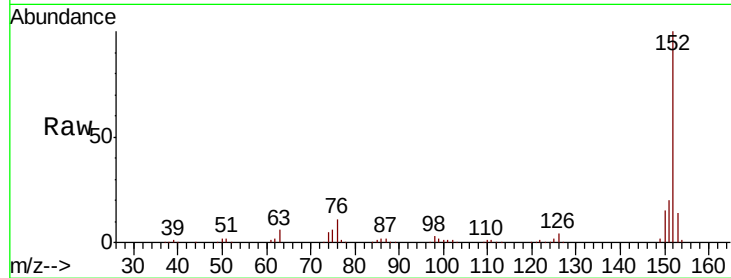
Tgt Ion:152 Resp: 276697

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

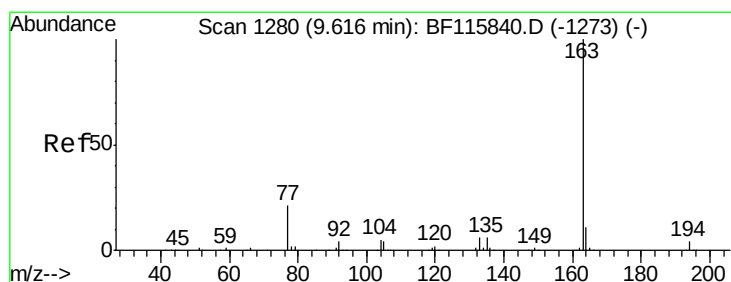
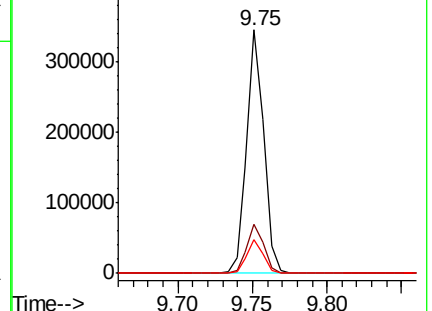
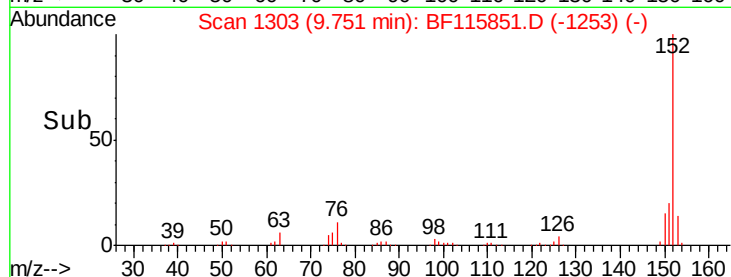
153 13.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.759 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

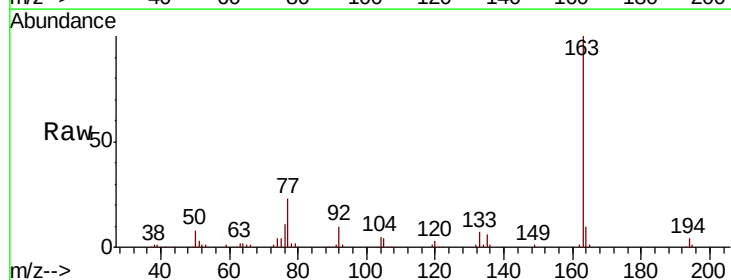
Tgt Ion:163 Resp: 192607

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

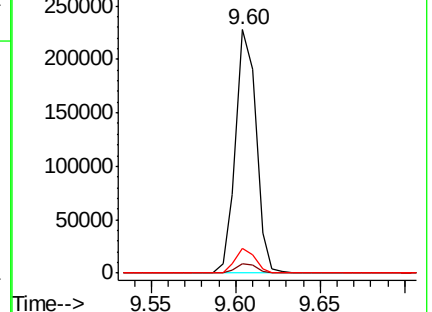
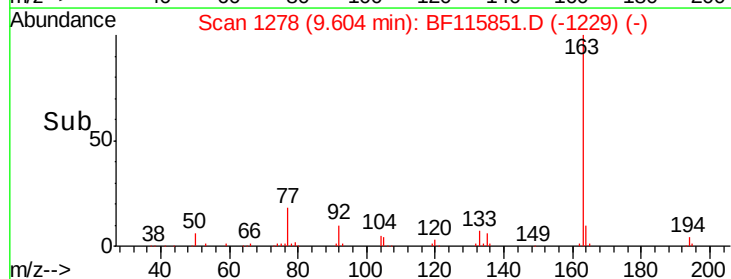
164 10.2 8.4 12.6

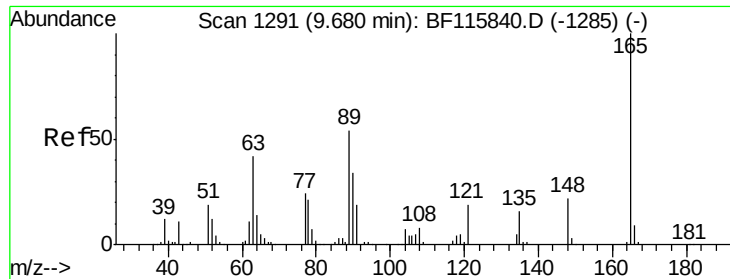


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.636 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

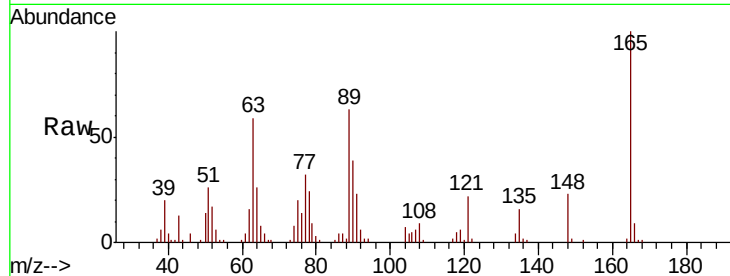
Tgt Ion:165 Resp: 41330

Ion Ratio Lower Upper

165 100

63 59.3 39.4 59.2#

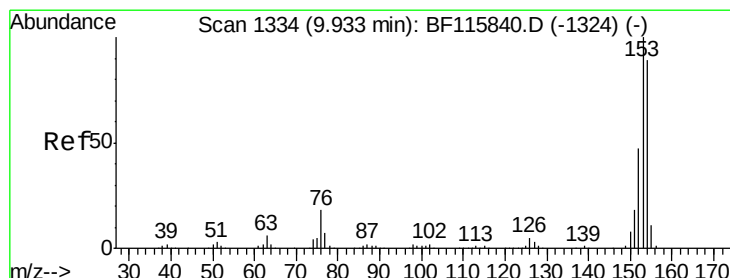
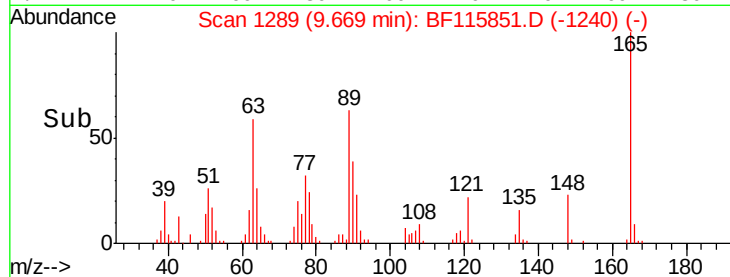
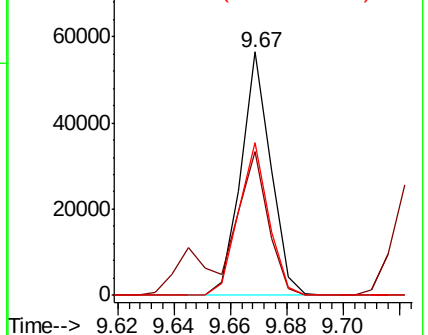
89 62.7 43.0 64.6



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: 10.812 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

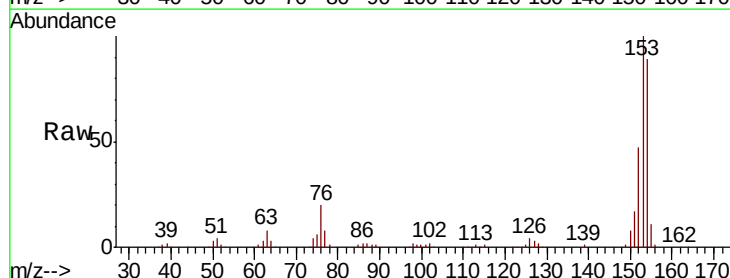
Tgt Ion:154 Resp: 164824

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

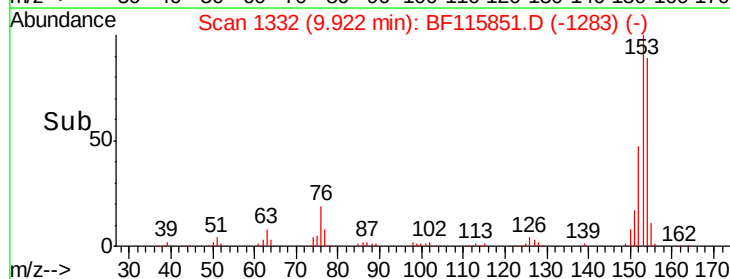
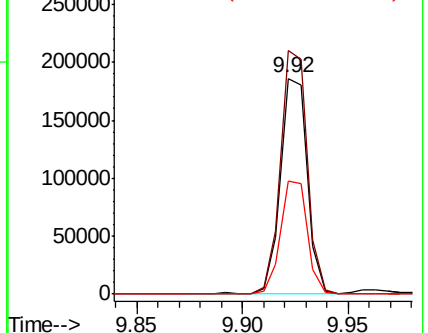
152 52.7 42.6 63.8

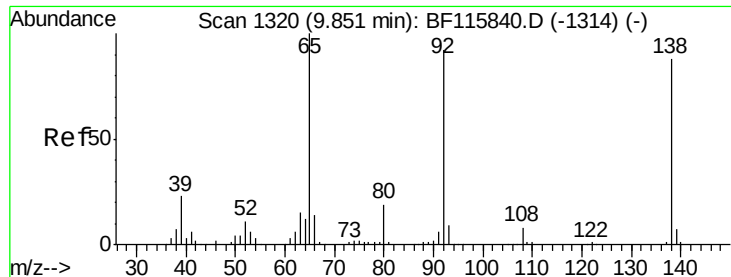


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

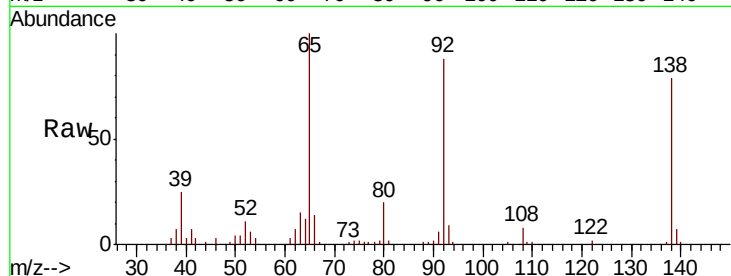




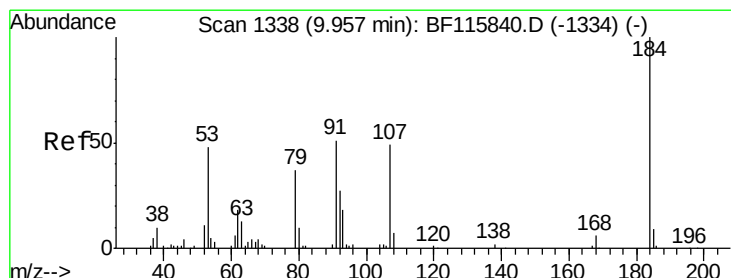
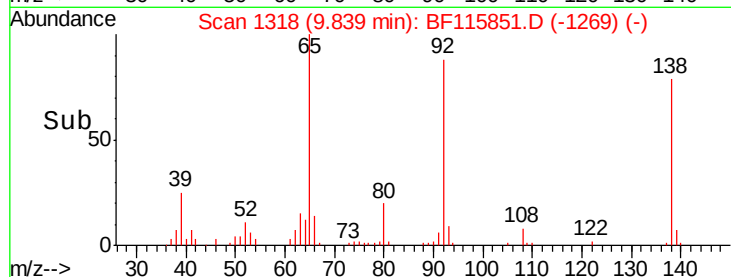
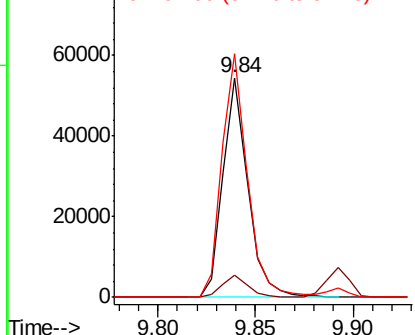
#53
3-Nitroaniline
Concen: 9.179 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:138 Resp: 48645
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 111.0 83.9 125.9

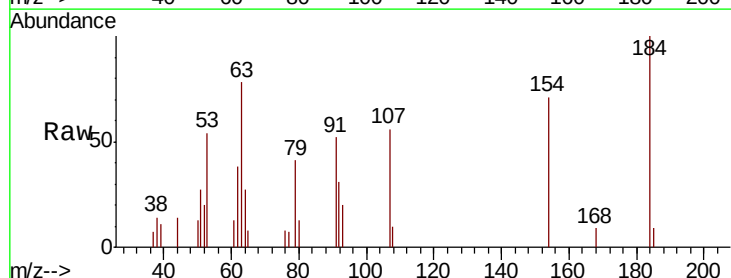


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

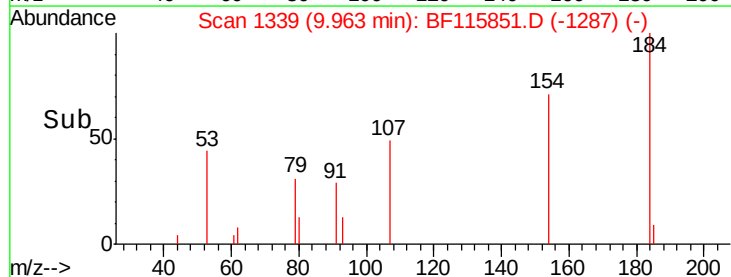
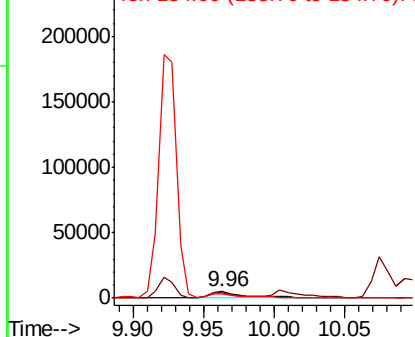


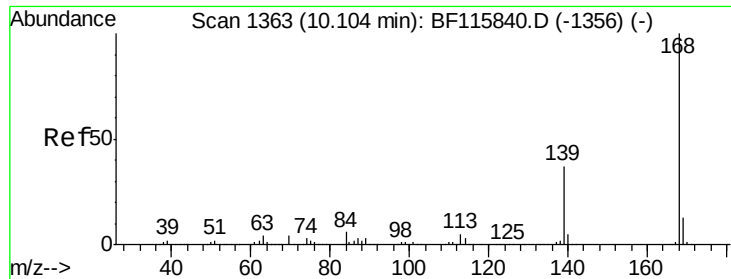
#54
2,4-Dinitrophenol
Concen: 4.900 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:184 Resp: 8924
Ion Ratio Lower Upper
184 100
63 77.9 56.7 85.1
154 70.7 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

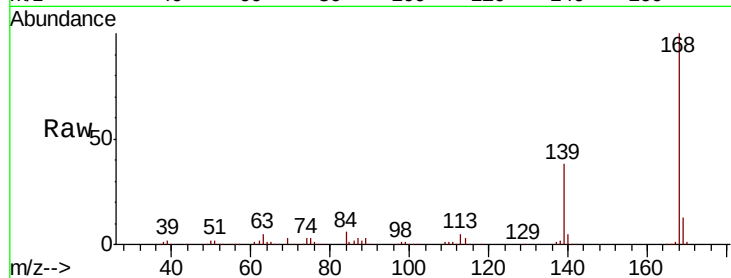




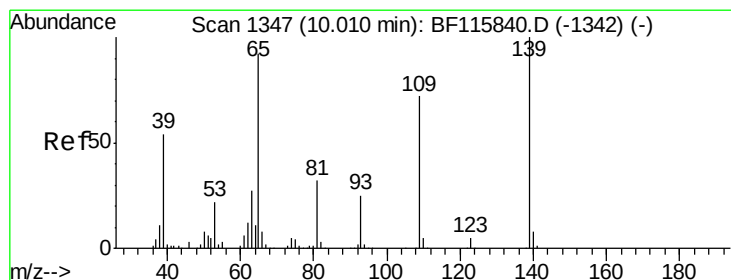
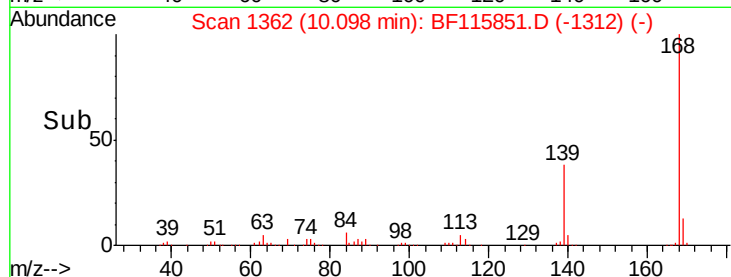
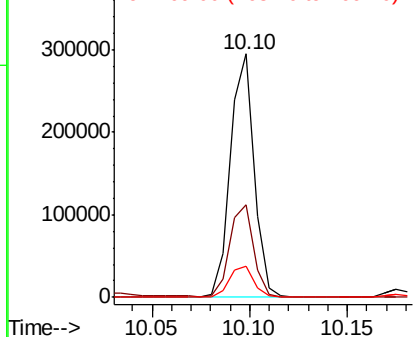
#55
Dibenzenofuran
Concen: 11.202 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion:168 Resp: 248332
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 13.0 10.8 16.2

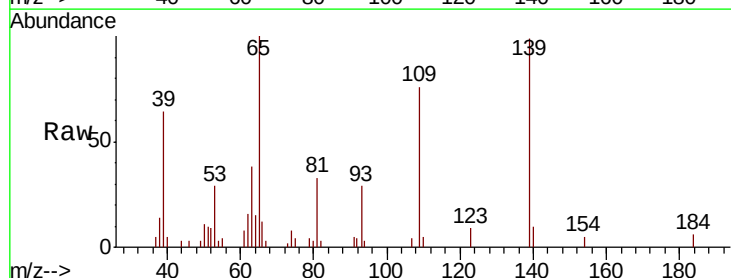


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

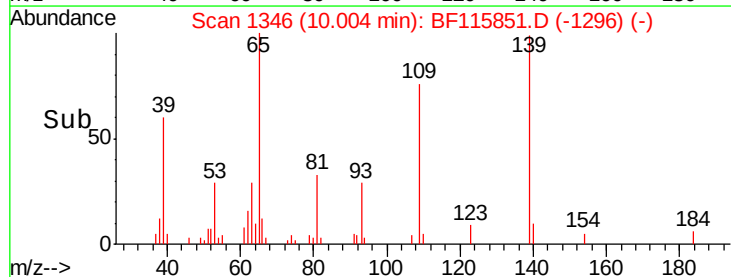
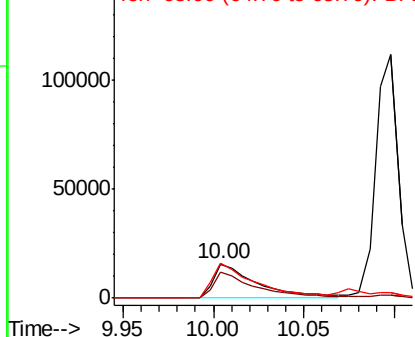


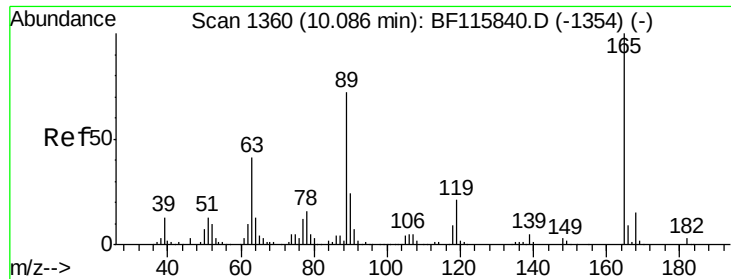
#56
4-Nitrophenol
Concen: 7.812 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:139 Resp: 26523
Ion Ratio Lower Upper
139 100
109 76.3 52.0 92.0
65 100.9 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: 9.555 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

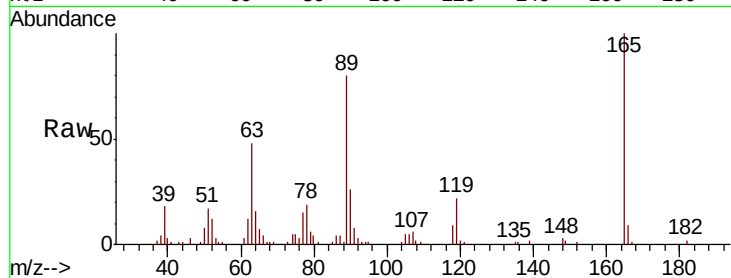
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tgt Ion:	165	Resp:	54566
Ion	Ratio	Lower	Upper
165	100		
63	48.2	33.2	49.8
89	79.8	57.3	85.9
182	2.1	2.1	3.1

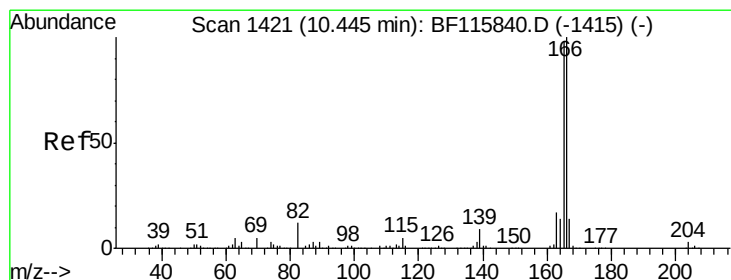
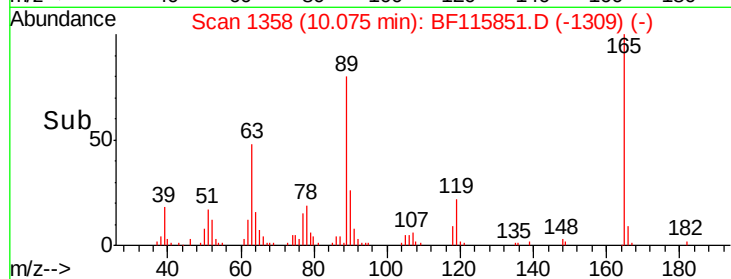
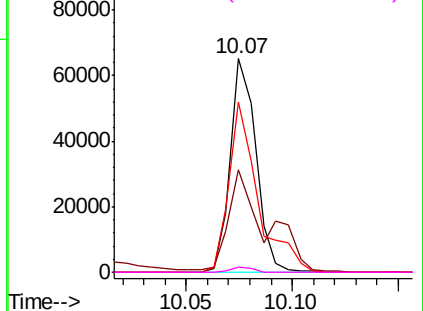


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.399 ng

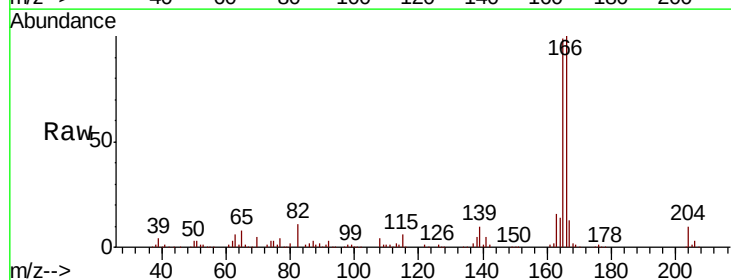
RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

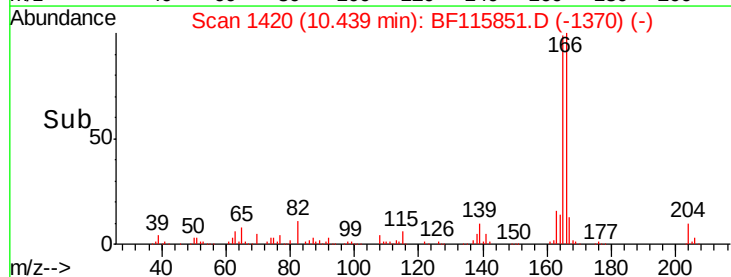
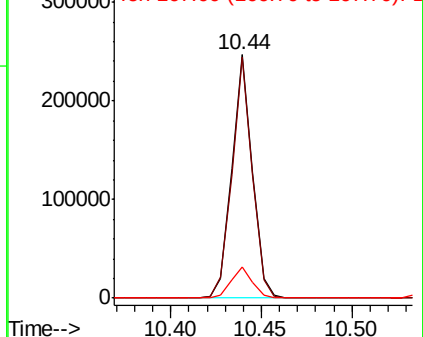
Tgt Ion:	166	Resp:	194418
Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	12.8	10.9	16.3

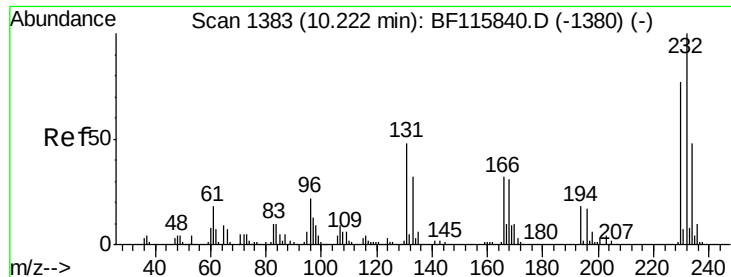


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

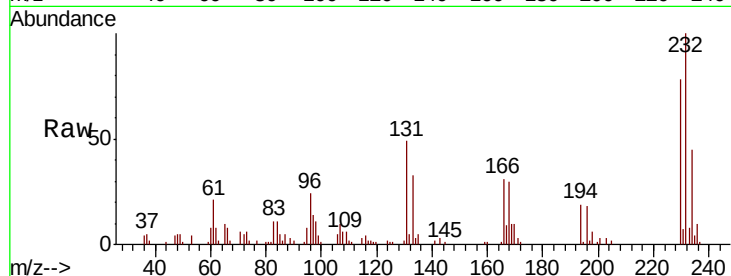




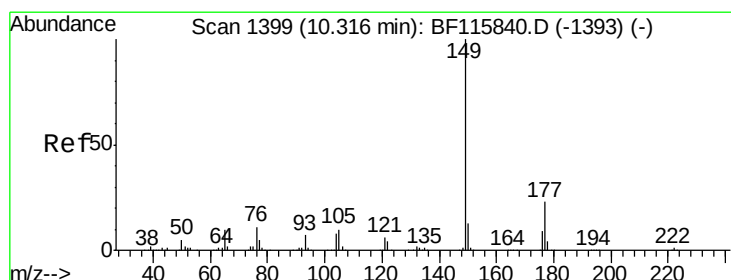
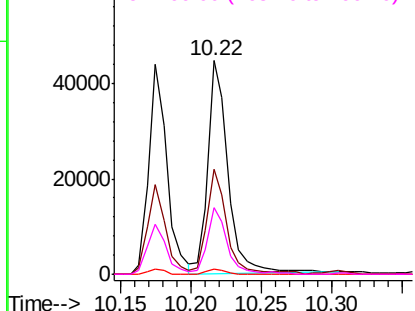
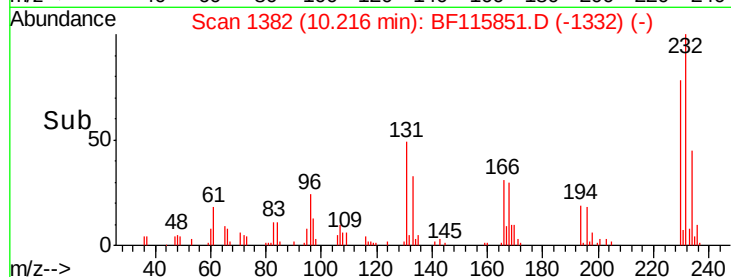
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.519 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion: 232 Resp: 44157
Ion Ratio Lower Upper
232 100
131 48.1 37.6 56.4
130 2.2 1.8 2.8
166 31.0 24.6 37.0

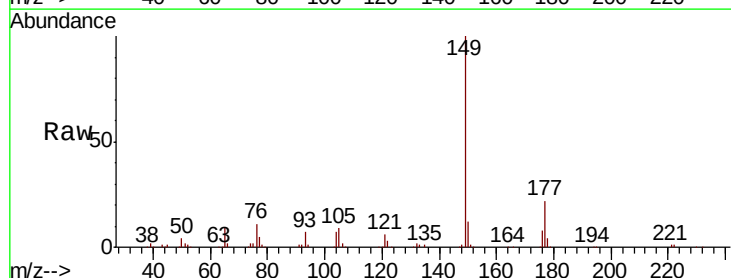


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

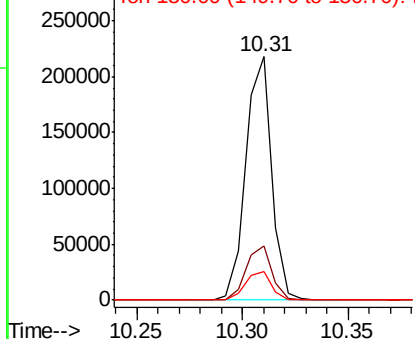
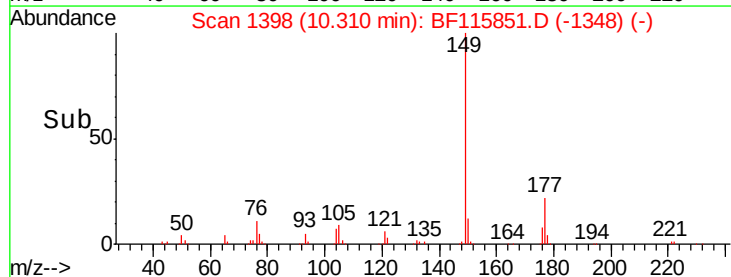


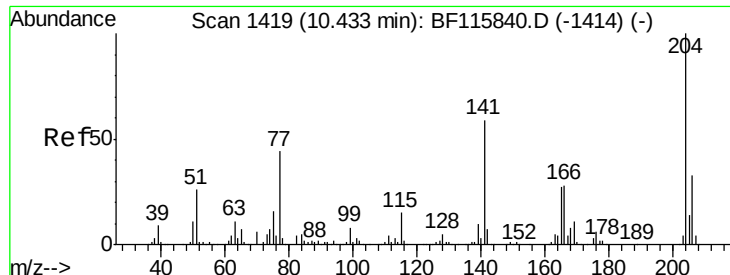
#60
Diethylphthalate
Concen: 9.993 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 149 Resp: 184134
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 11.8 10.1 15.1



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

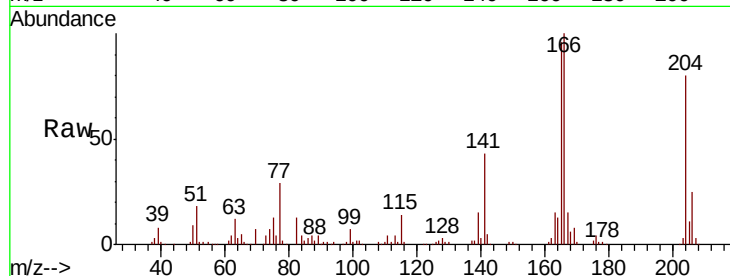




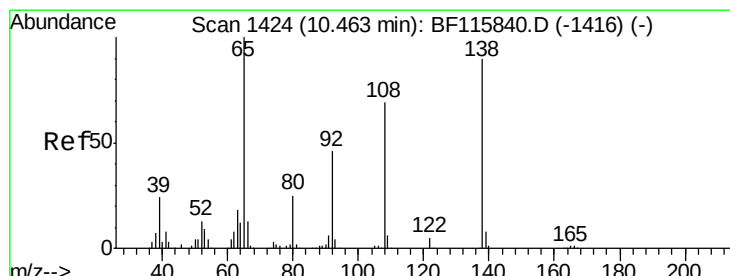
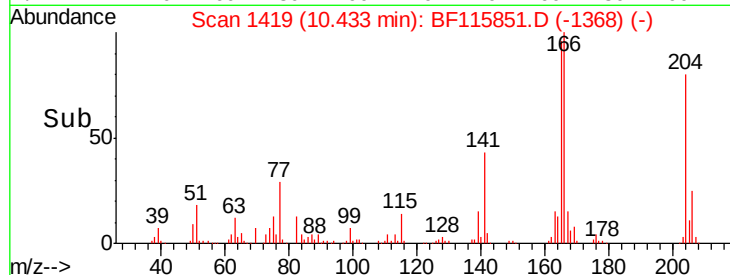
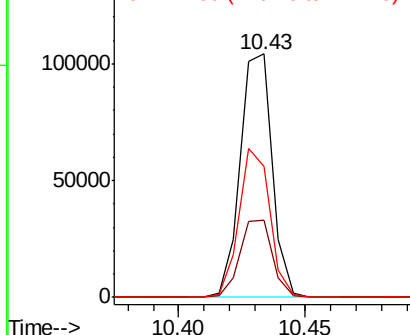
#61
 4-Chlorophenyl-phenylether
 Concen: 10.599 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

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

Tgt Ion: 204 Resp: 91553
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.4 39.6
 141 53.6 47.0 70.4

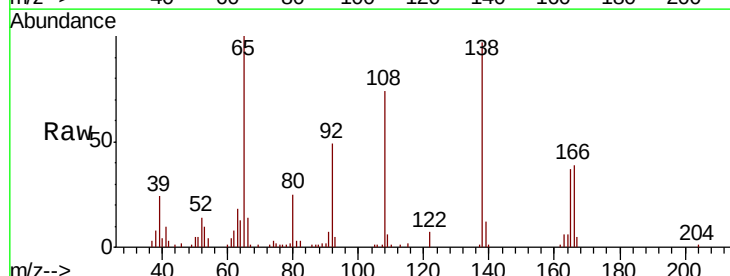


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

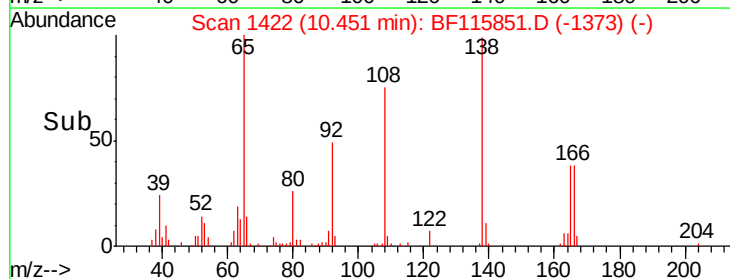
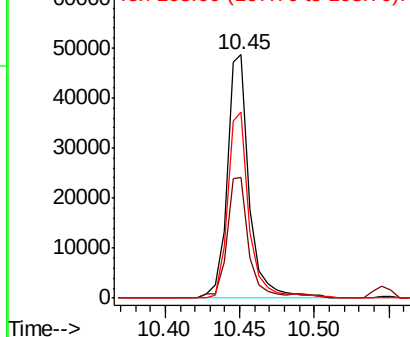


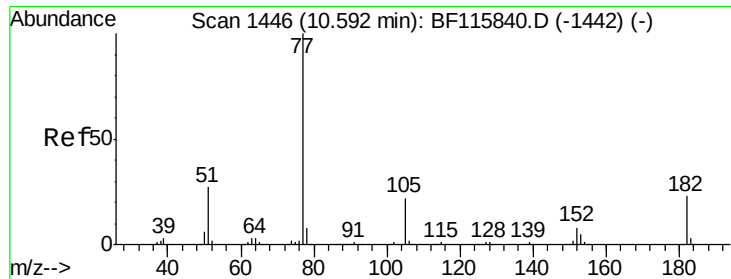
#62
 4-Nitroaniline
 Concen: 9.276 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion: 138 Resp: 50805
 Ion Ratio Lower Upper
 138 100
 92 49.8 31.0 71.0
 108 76.3 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: 10.593 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tgt Ion: 77 Resp: 200775

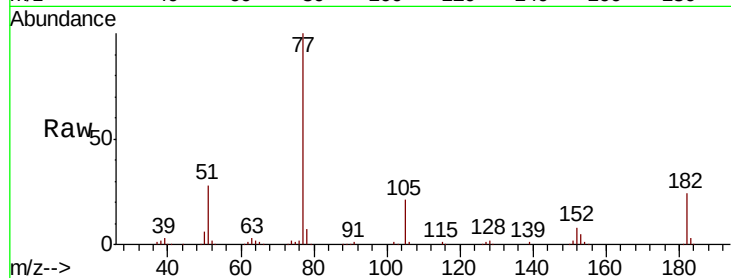
Ion Ratio Lower Upper

77 100

182 24.5 2.6 42.6

105 21.4 1.6 41.6

51 27.8 7.4 47.4

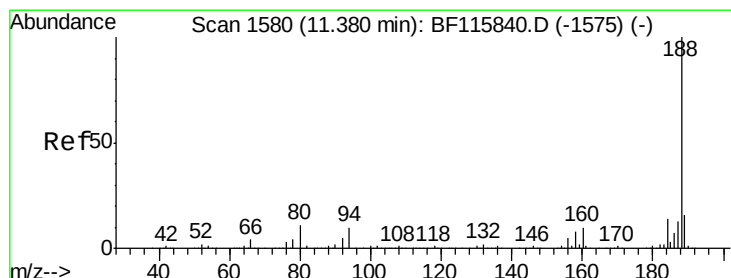
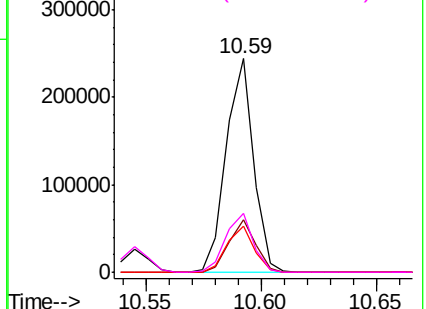
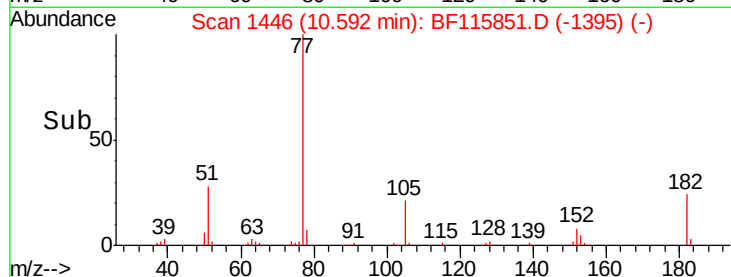


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

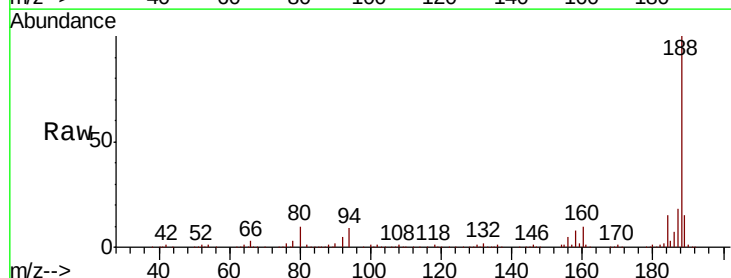
Tgt Ion: 188 Resp: 504470

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

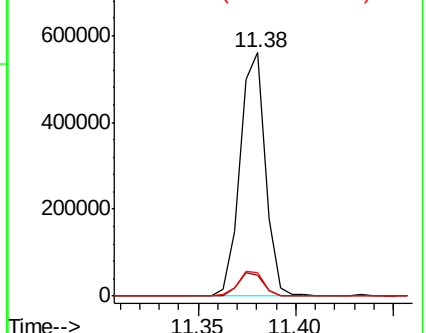
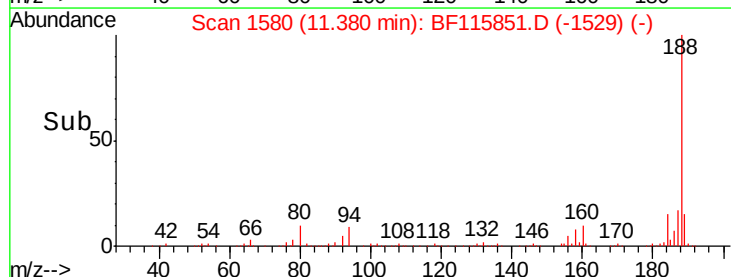
80 9.6 8.6 12.8

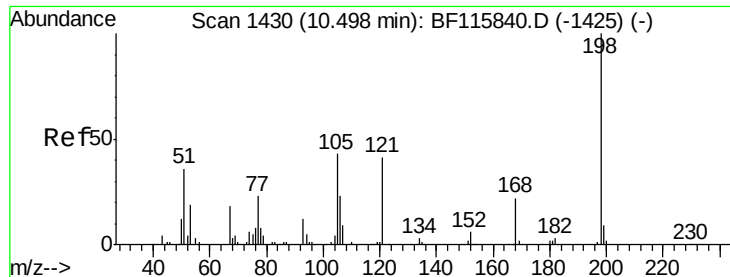


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 7.341 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

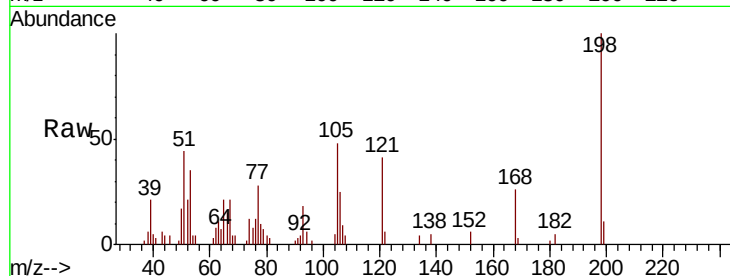
Tgt Ion:198 Resp: 19626

Ion Ratio Lower Upper

198 100

51 43.7 21.1 61.1

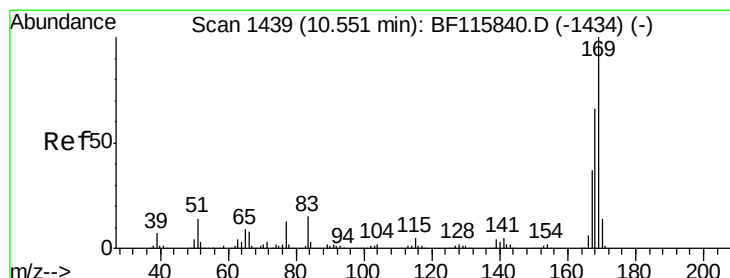
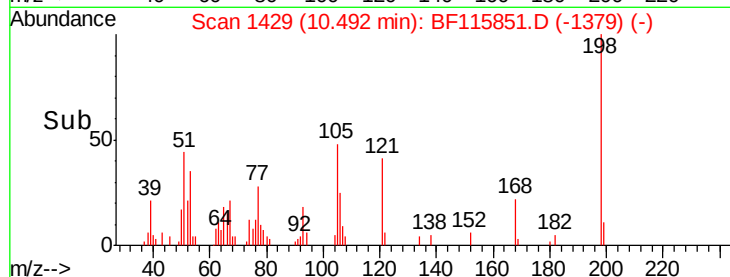
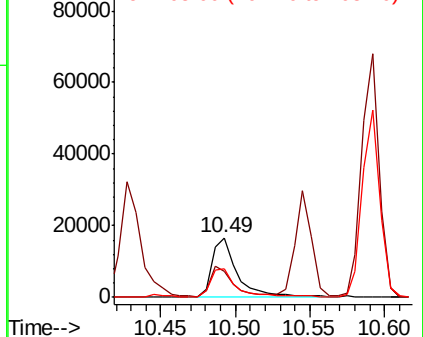
105 48.1 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.879 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

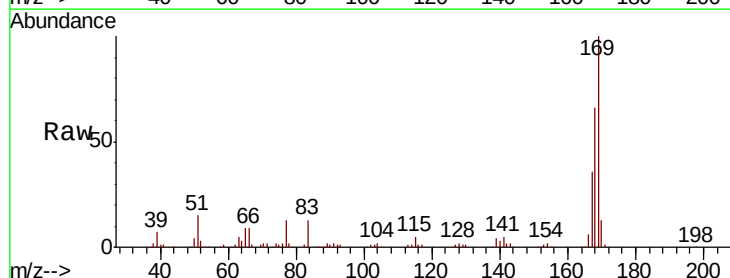
Tgt Ion:169 Resp: 165183

Ion Ratio Lower Upper

169 100

168 65.9 53.0 79.6

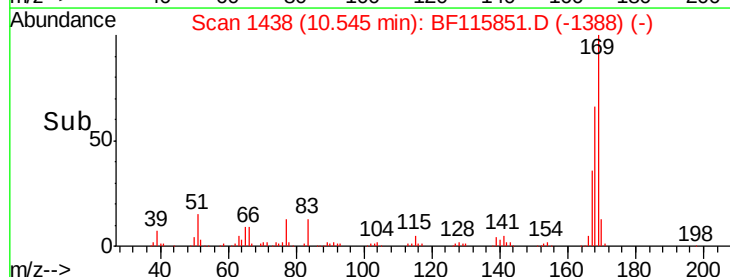
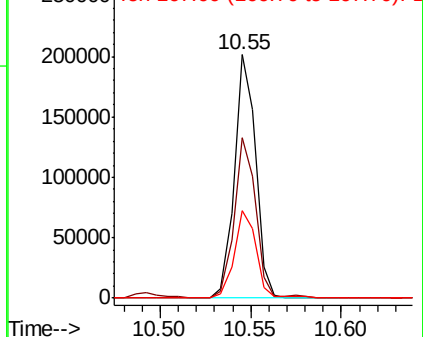
167 35.9 29.9 44.9

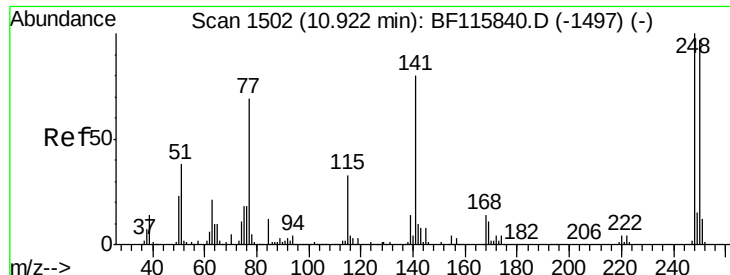


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

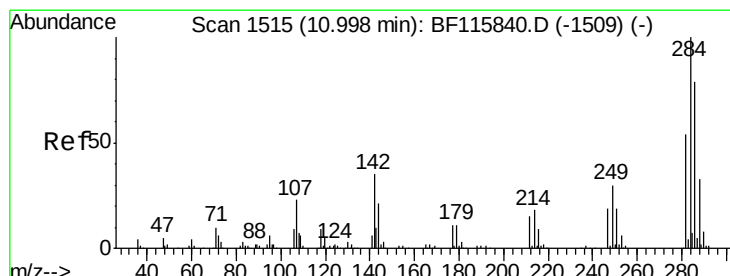
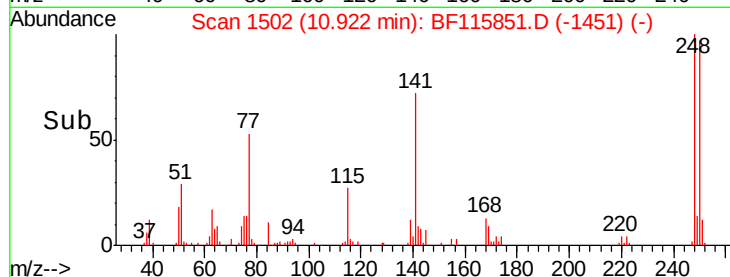
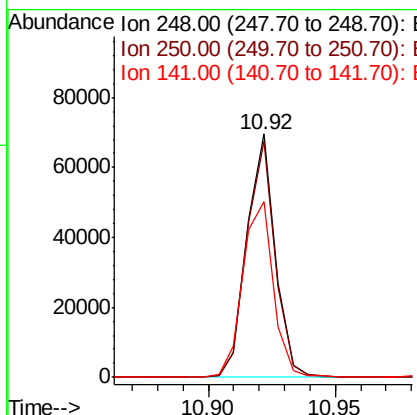
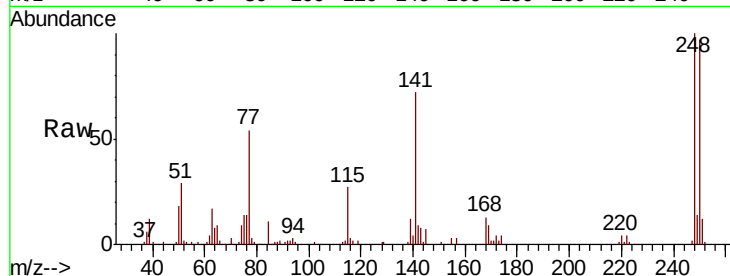




#67
 4-Bromophenyl-phenylether
 Concen: 10.027 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

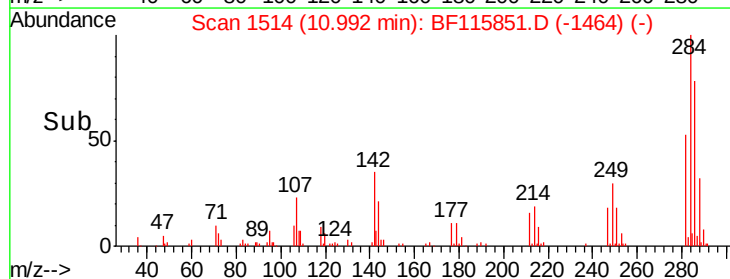
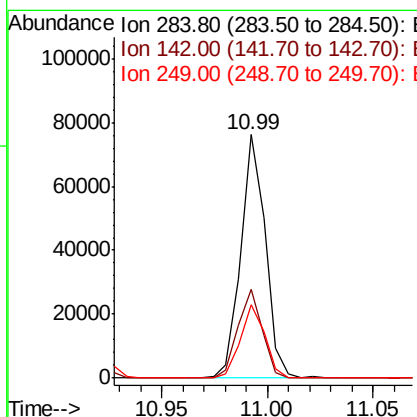
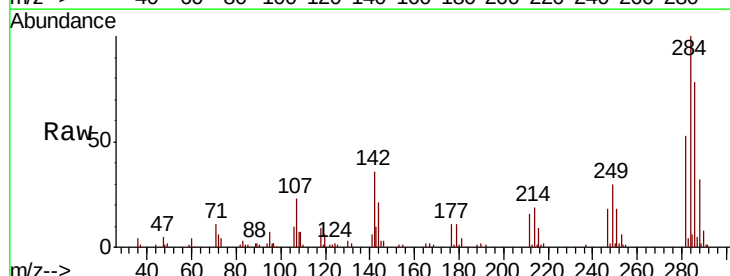
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

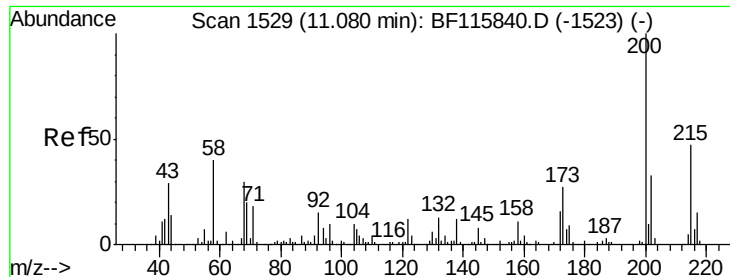
Tgt Ion:	248	Resp:	54151
Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	72.2	64.3	96.5



#68
 Hexachlorobenzene
 Concen: 9.790 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:	284	Resp:	61132
Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.2	42.2
249	29.9	24.0	36.0





#69

Atrazine

Concen: 9.749 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

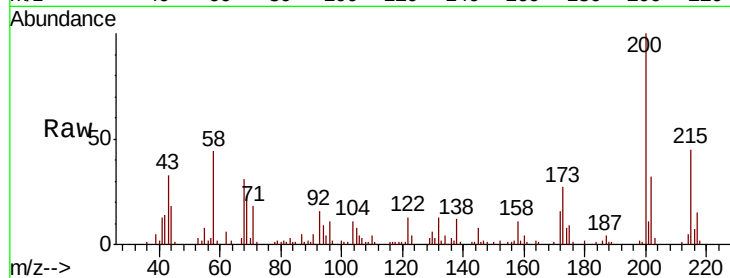
Tgt Ion:200 Resp: 48697

Ion Ratio Lower Upper

200 100

173 26.5 7.3 47.3

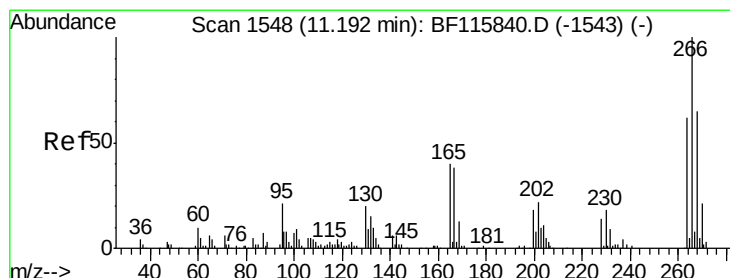
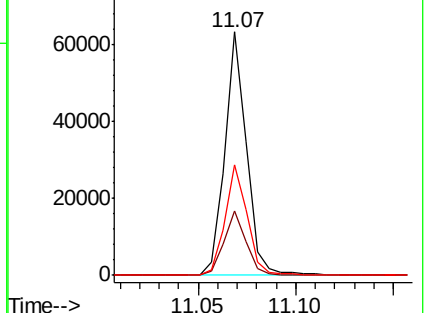
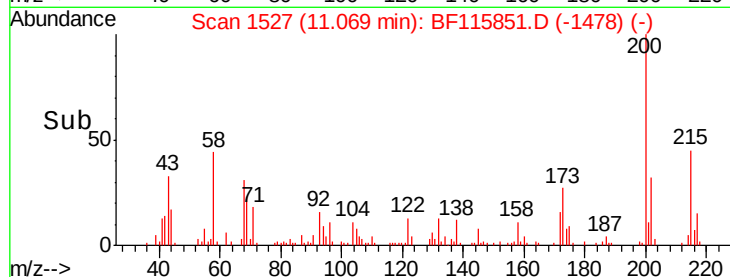
215 45.4 26.9 66.9



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: 6.945 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

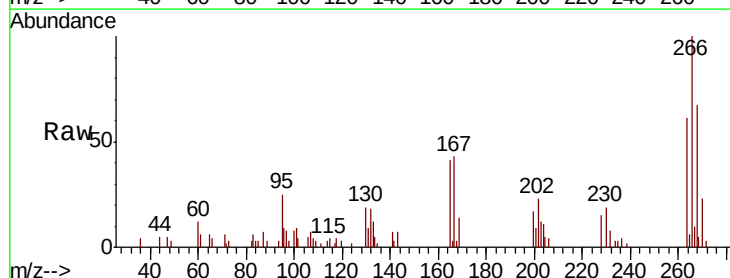
Tgt Ion:266 Resp: 21056

Ion Ratio Lower Upper

266 100

268 71.9 51.6 77.4

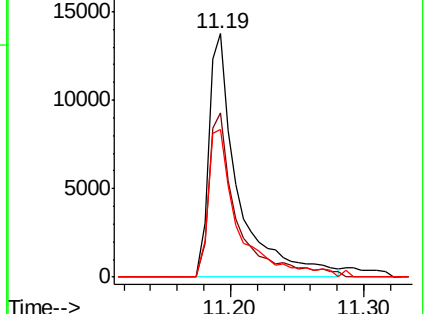
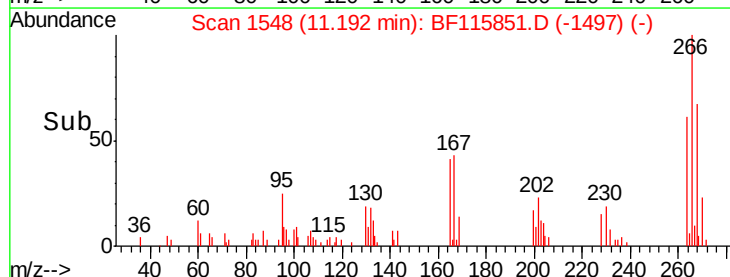
264 60.6 49.4 74.0

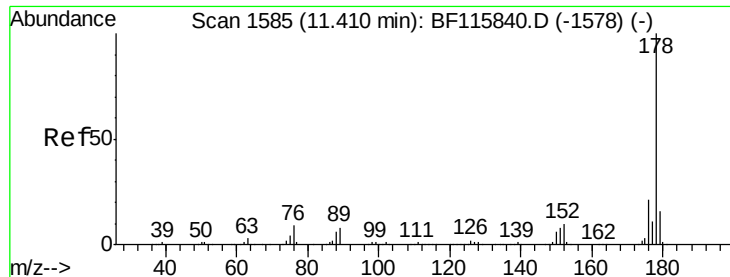


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.171 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

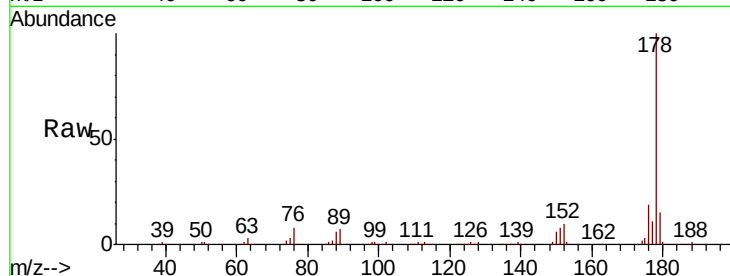
Tgt Ion:178 Resp: 288093

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

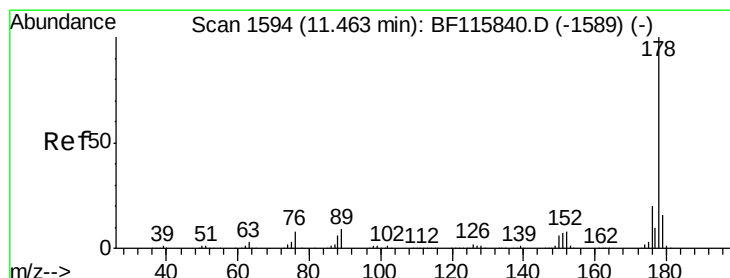
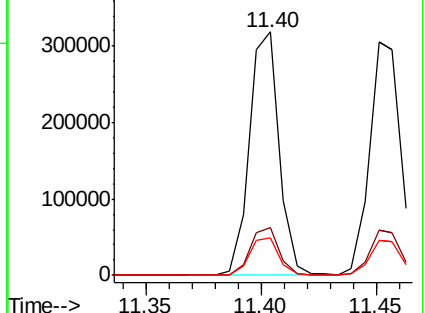
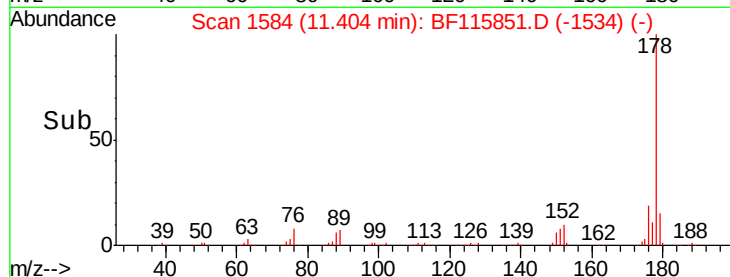
179 15.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 11.146 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

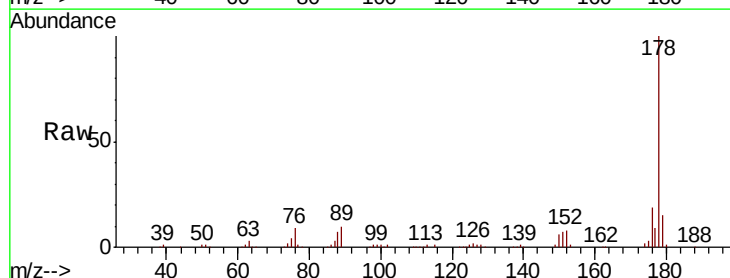
Tgt Ion:178 Resp: 290921

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

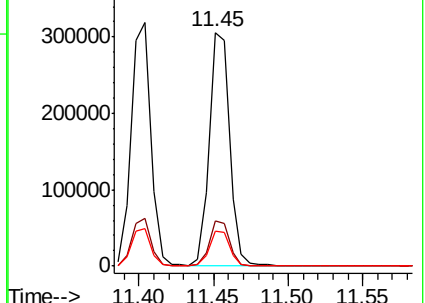
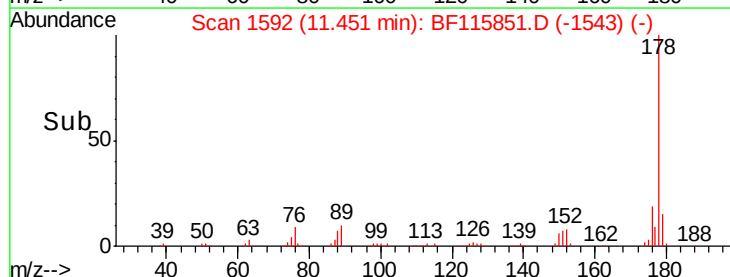
179 15.2 12.4 18.6

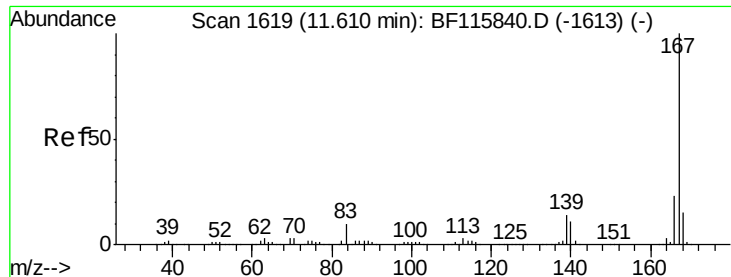


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

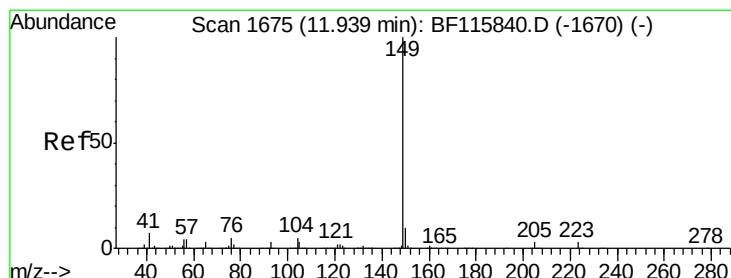
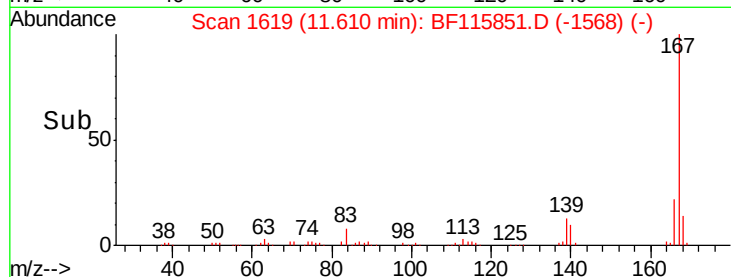
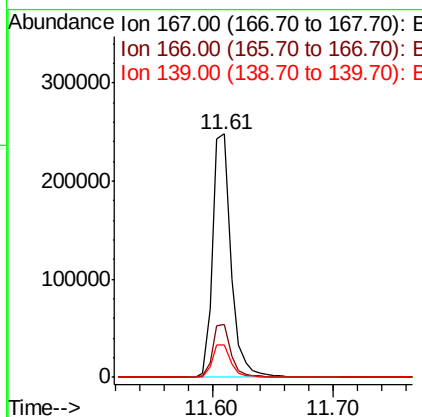
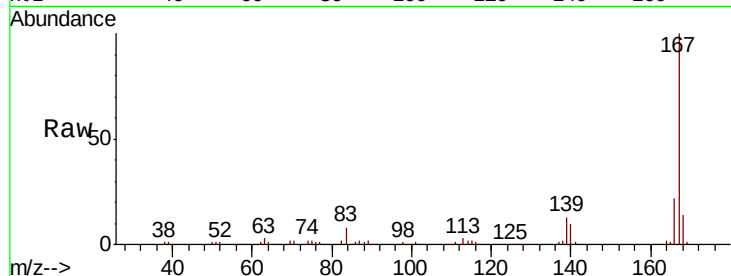




#73
 Carbazole
 Concen: 10.966 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

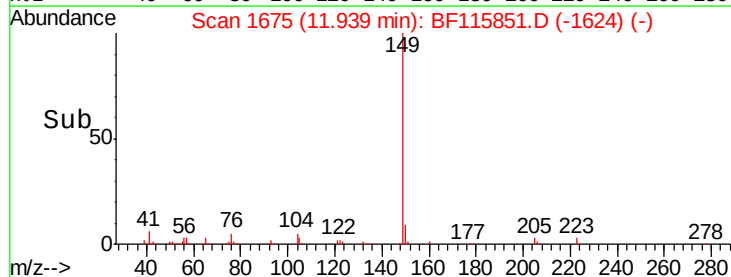
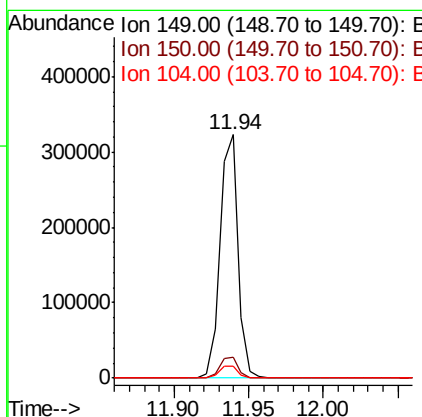
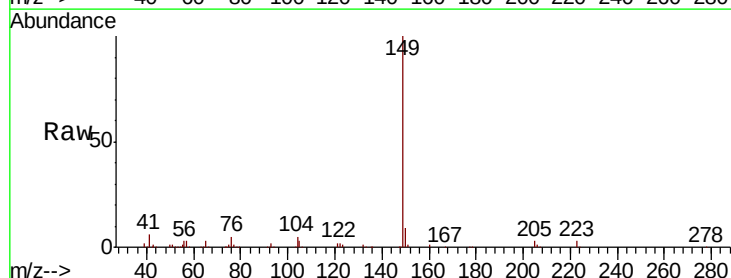
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

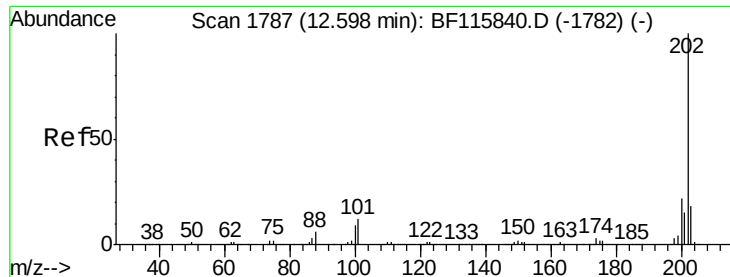
Tgt Ion:167 Resp: 259678
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 13.1 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 9.920 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion:149 Resp: 274030
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.7 4.3 6.5

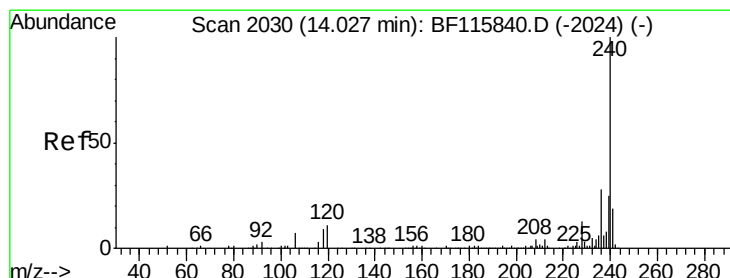
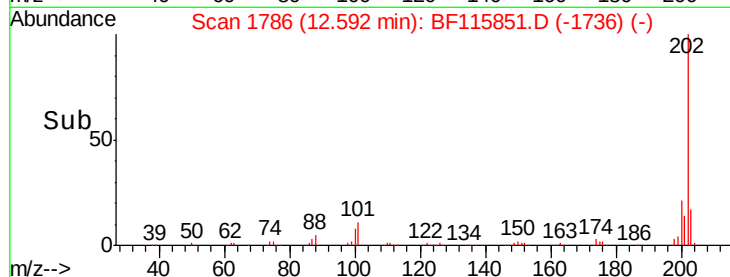
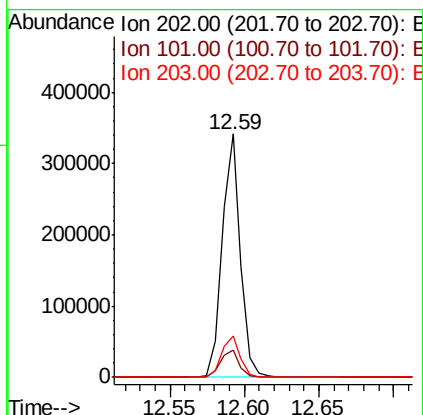
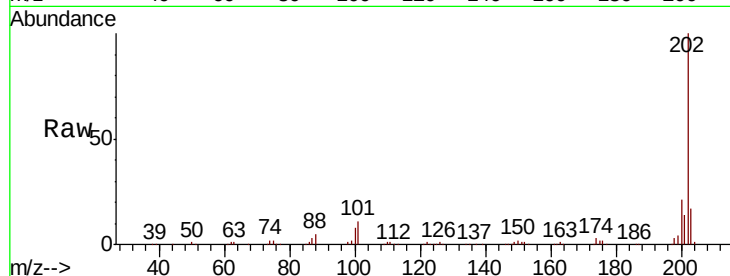




#75
 Fluoranthene
 Concen: 10.880 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

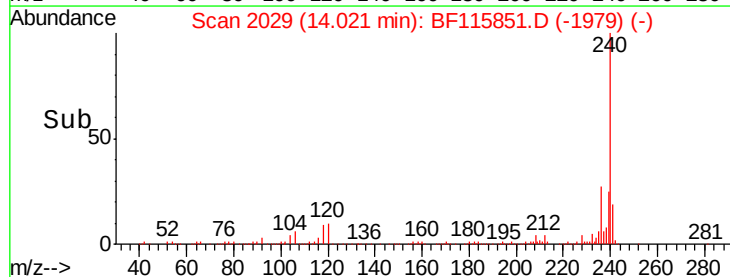
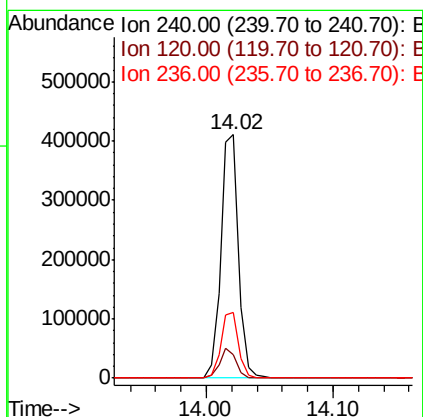
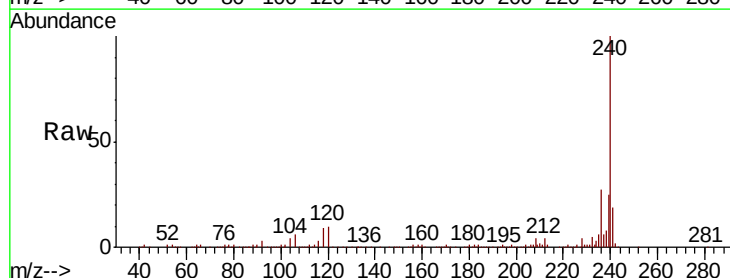
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

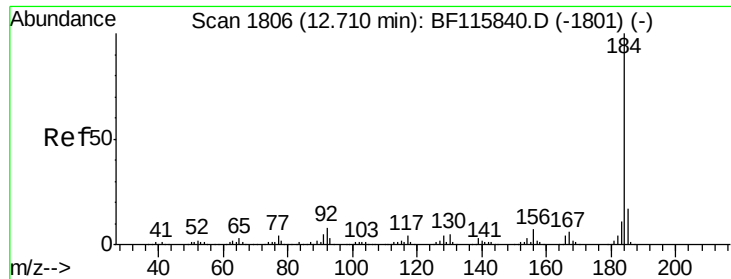
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	293753		
101	11.1	0.0	31.5	
203	17.1	0.0	37.9	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	398098		
120	9.6	8.5	12.7	
236	26.8	22.2	33.2	





#77

Benzidine

Concen: 10.597 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

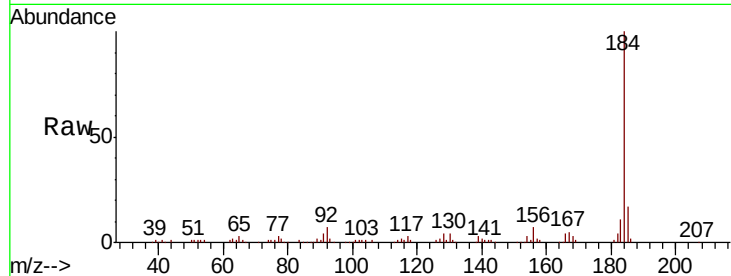
Tgt Ion:184 Resp: 142525

Ion Ratio Lower Upper

184 100

185 17.0 13.4 20.2

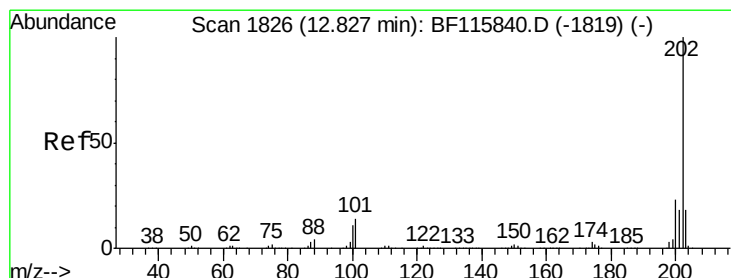
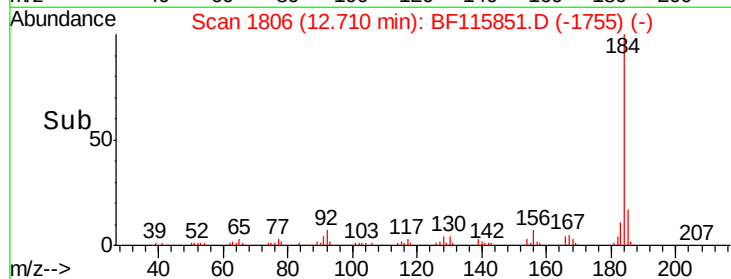
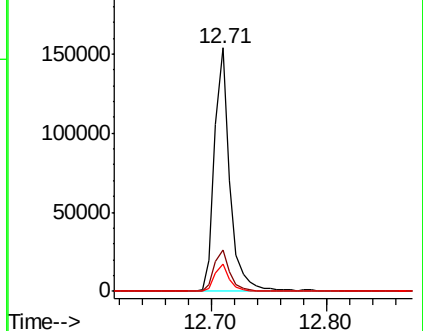
183 11.1 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.201 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

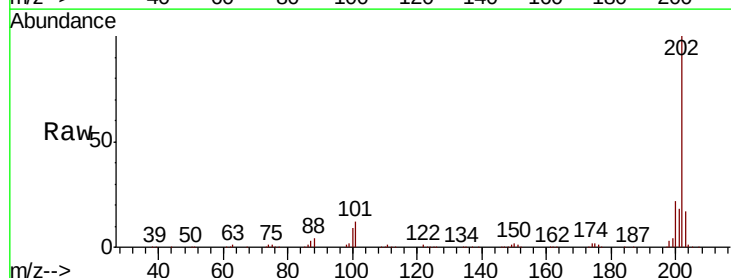
Tgt Ion:202 Resp: 306136

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

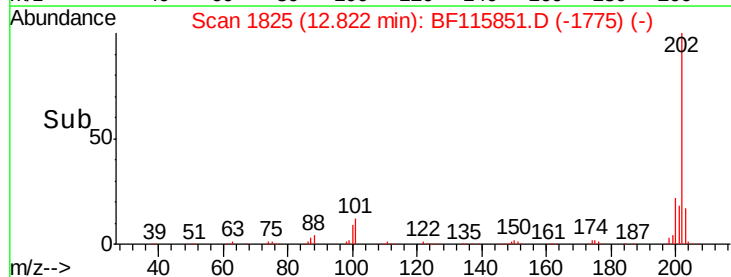
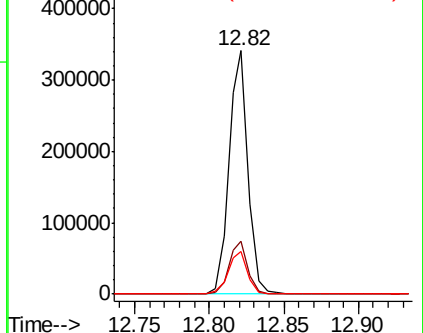
203 17.4 14.3 21.5

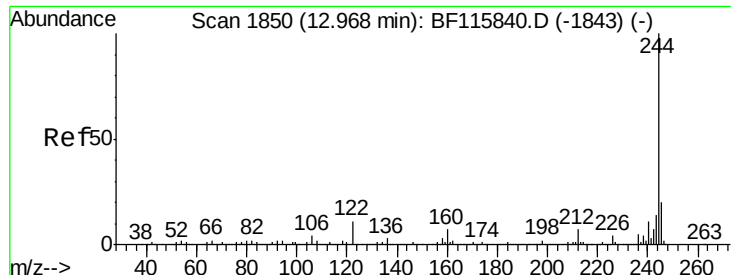


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.098 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

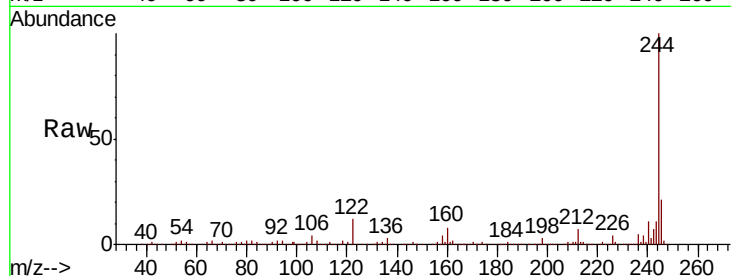
Tgt Ion:244 Resp: 1418797

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

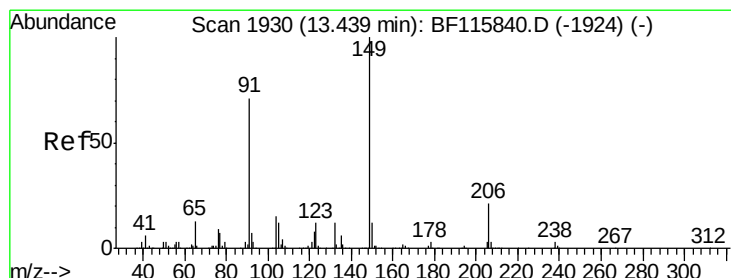
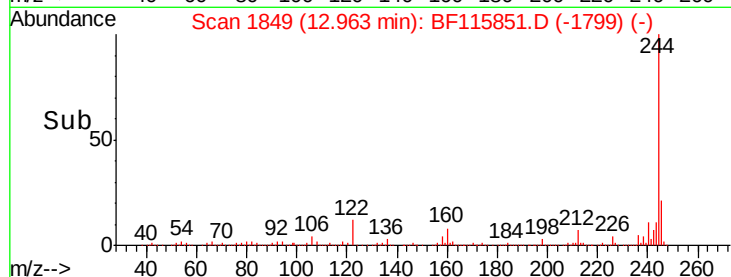
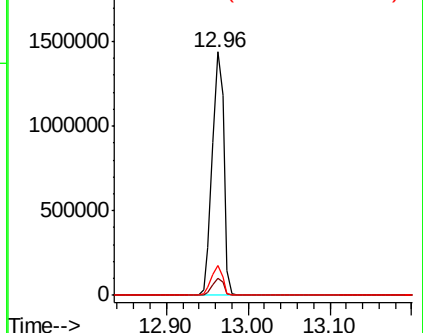
122 12.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.419 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

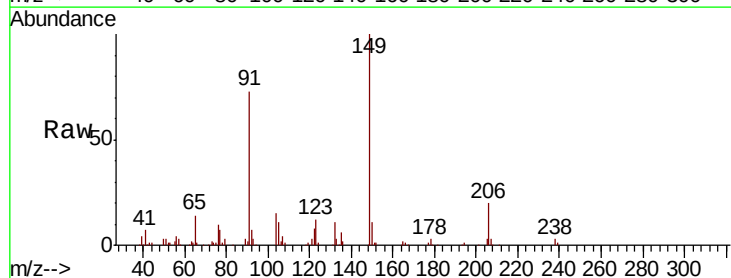
Tgt Ion:149 Resp: 106870

Ion Ratio Lower Upper

149 100

91 72.9 57.0 85.6

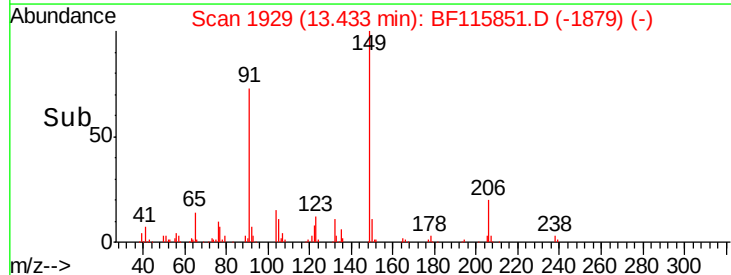
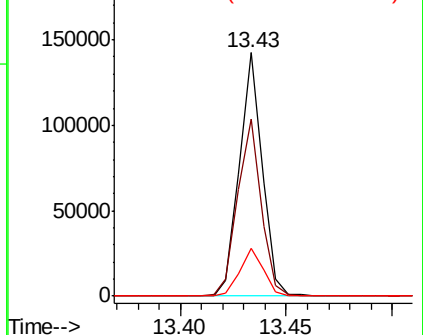
206 19.7 16.9 25.3

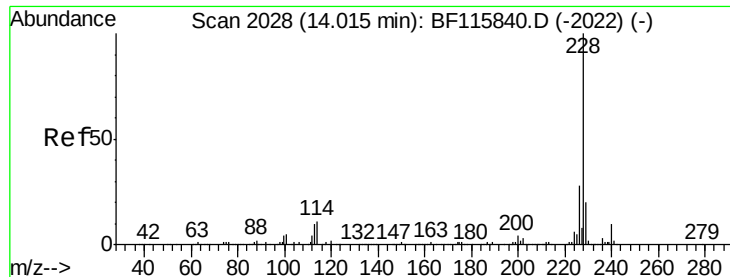


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.009 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

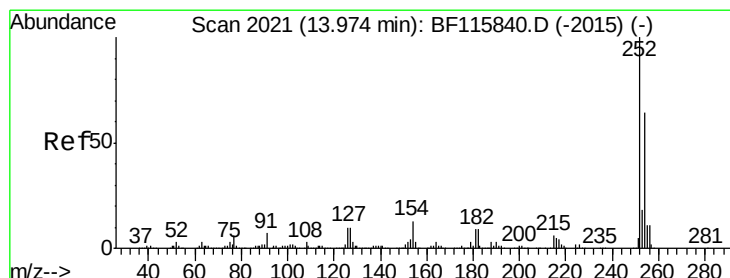
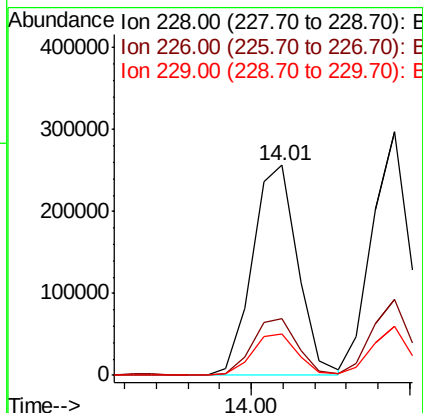
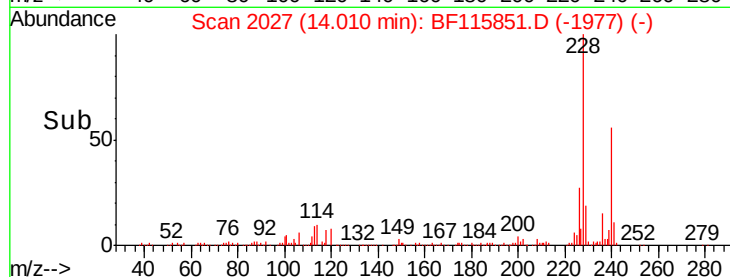
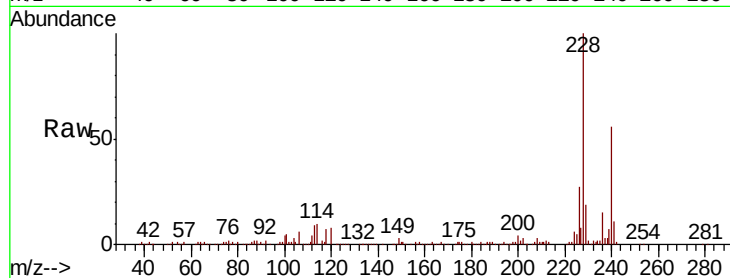
Tgt Ion:228 Resp: 254670

Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 10.425 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

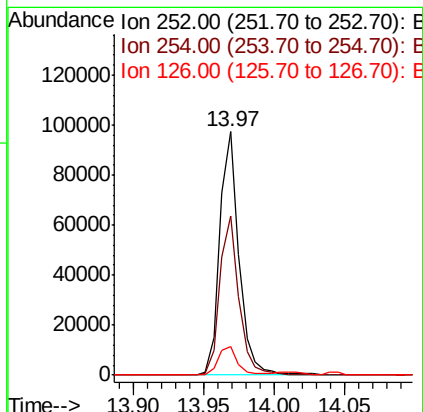
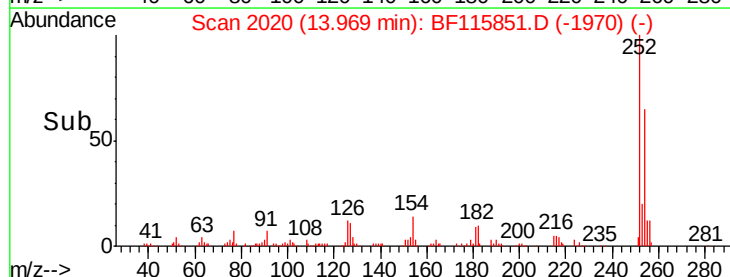
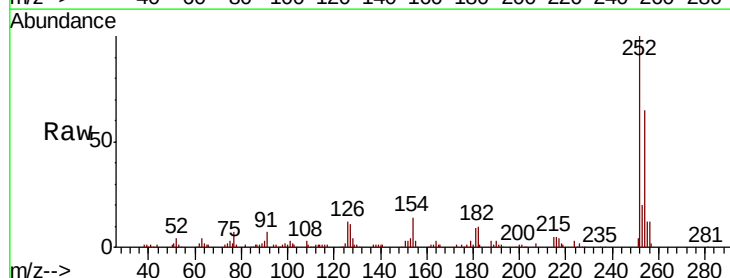
Tgt Ion:252 Resp: 92160

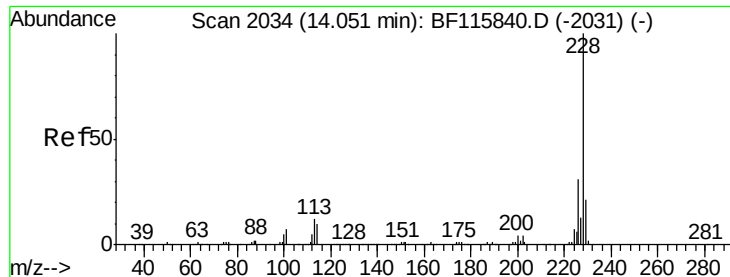
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 11.5 8.1 12.1





#83

Chrysene

Concen: 10.161 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

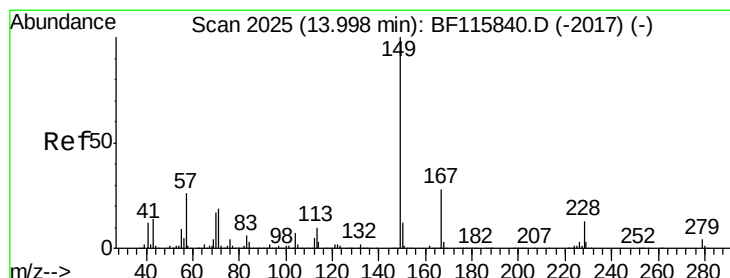
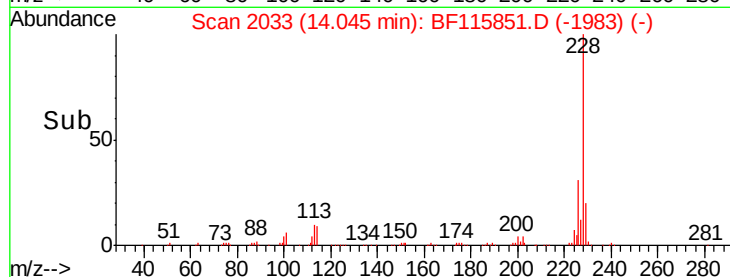
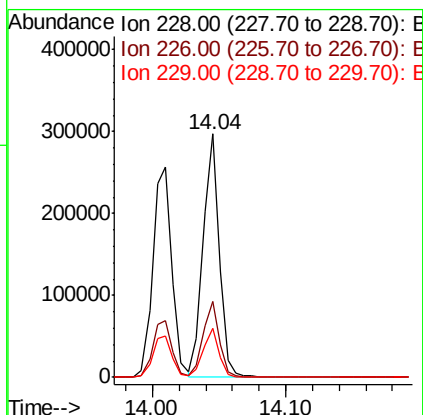
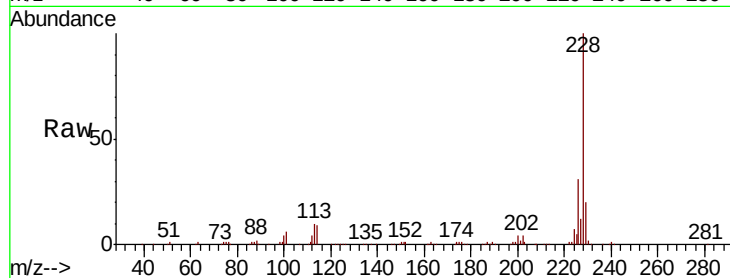
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tgt Ion:	228	Resp:	251001
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.1	16.4	24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.826 ng

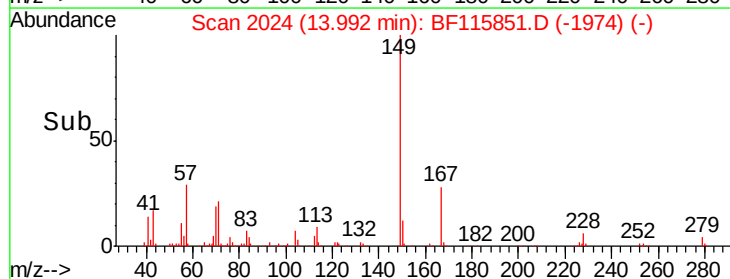
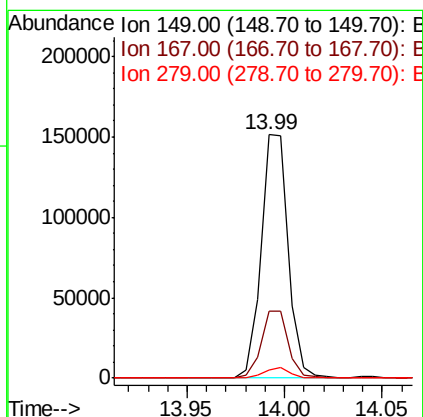
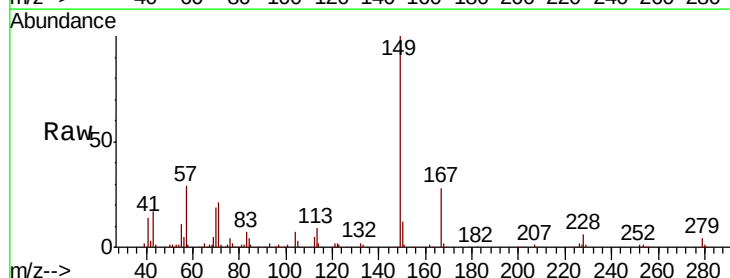
RT: 13.99 min Scan# 2024

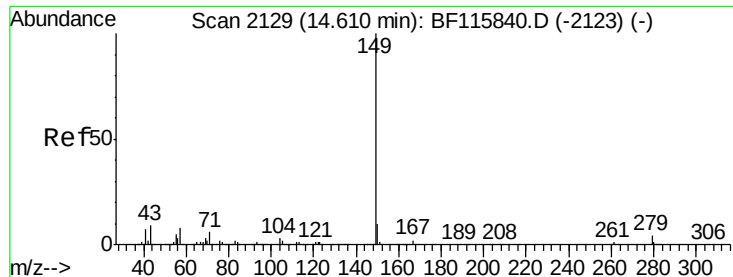
Delta R.T. -0.01 min

Lab File: BF115851.D

Acq: 30 Jul 2019 19:28

Tgt Ion:	149	Resp:	145597
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	3.6	3.3	4.9

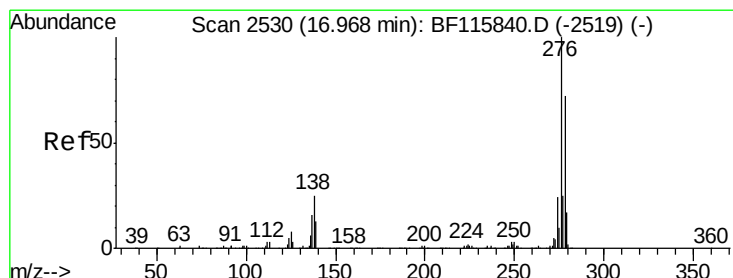
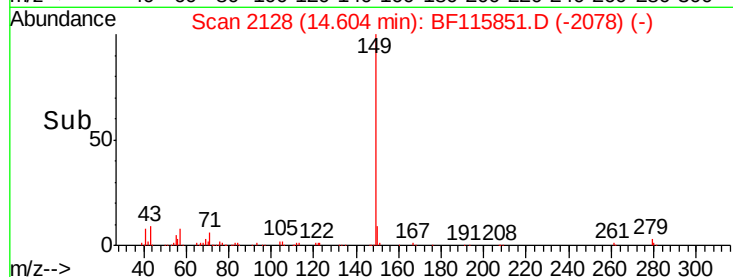
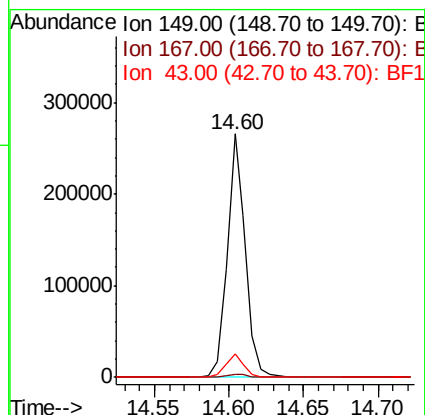
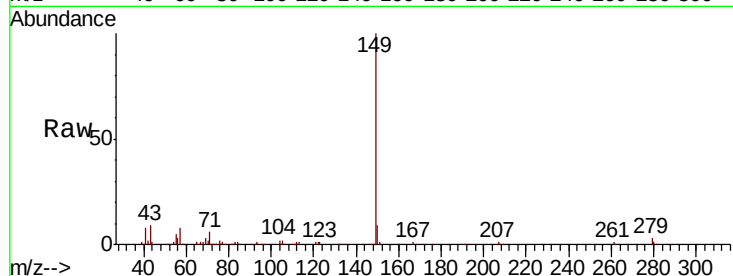




#85
Di-n-octyl phthalate
Concen: 8.620 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

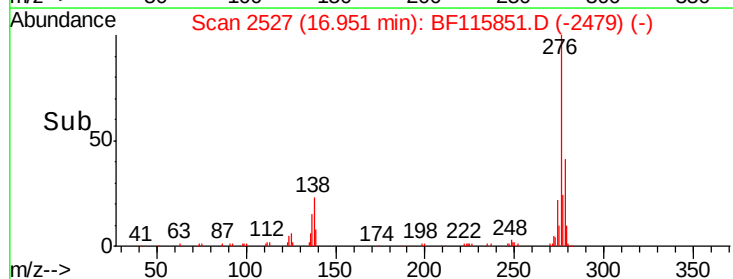
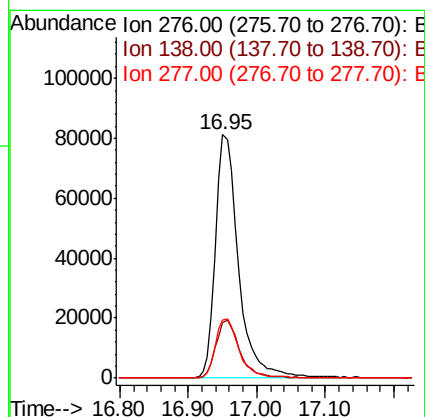
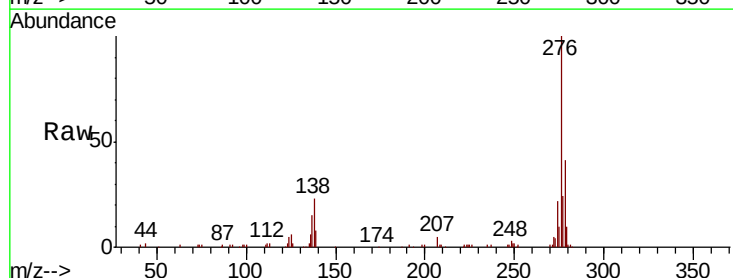
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

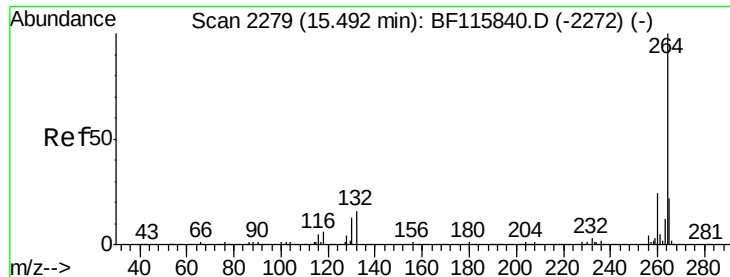
Tgt Ion:	149	Resp:	225857
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.7	7.4	11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 9.164 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion:	276	Resp:	190142
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.6	29.4
277	24.9	20.1	30.1

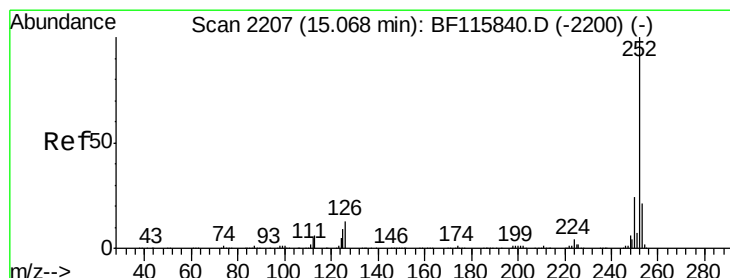
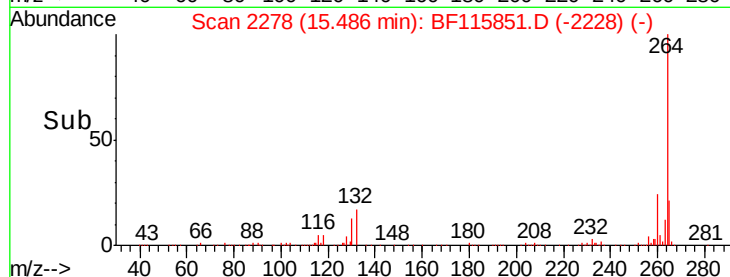
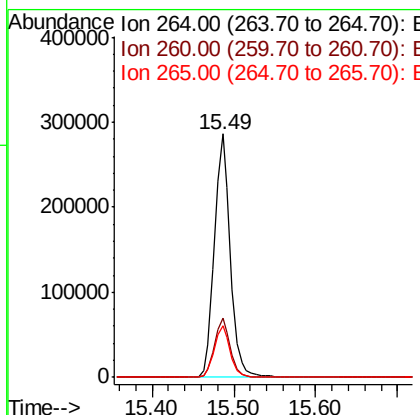
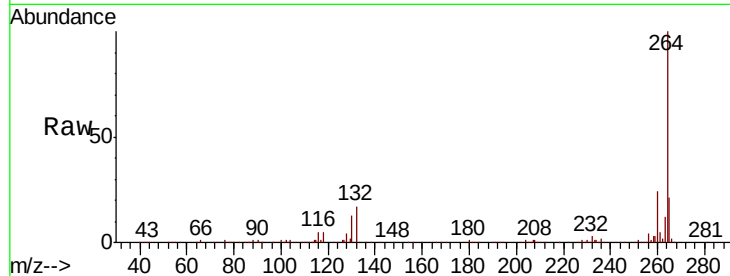




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

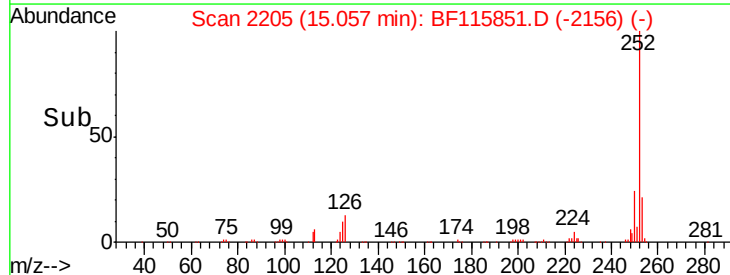
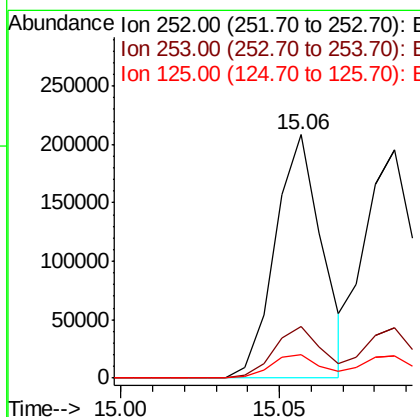
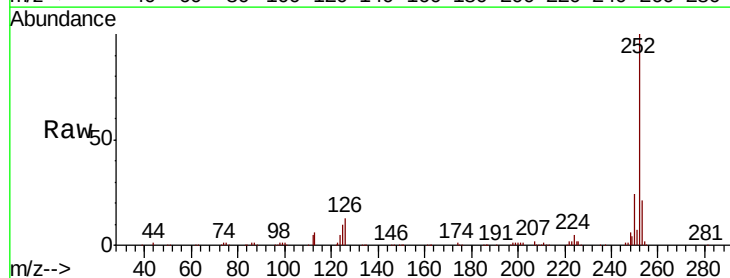
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

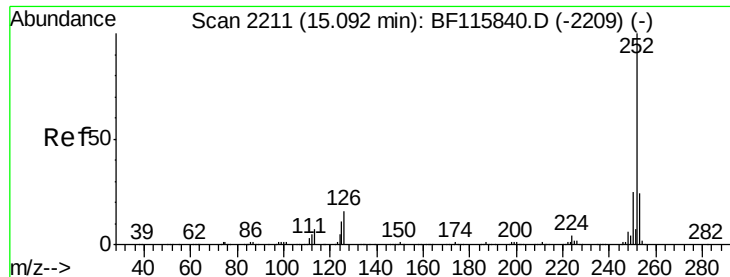
Tgt Ion: 264 Resp: 388546
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.0 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 9.560 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BF115851.D
 Acq: 30 Jul 2019 19:28

Tgt Ion: 252 Resp: 214771
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.2 25.8
 125 9.5 7.4 11.0

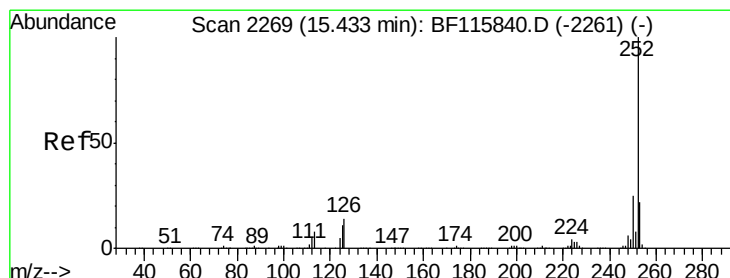
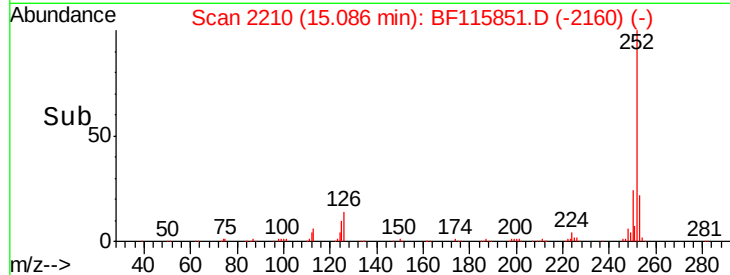
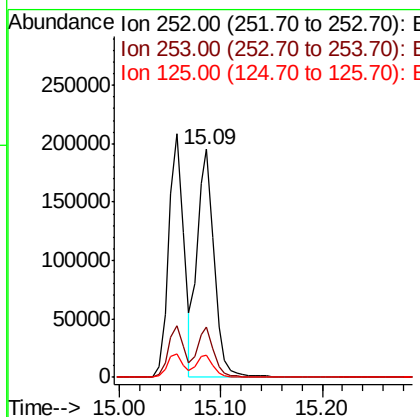
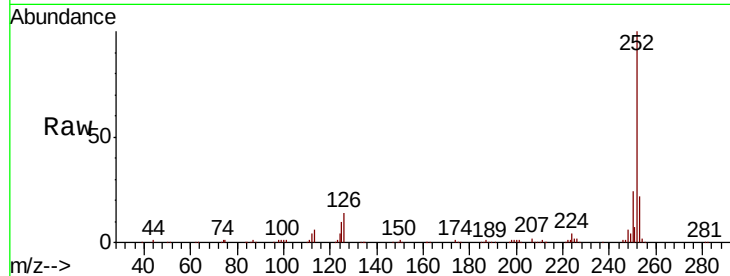




#89
Benzo(k)fluoranthene
Concen: 10.373 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

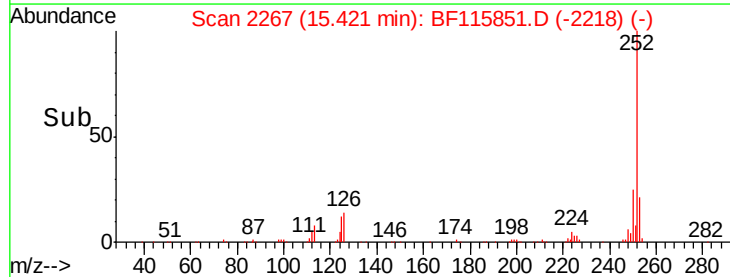
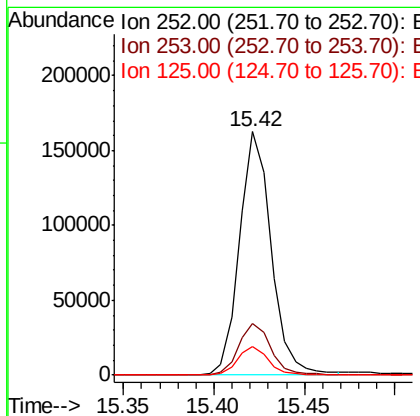
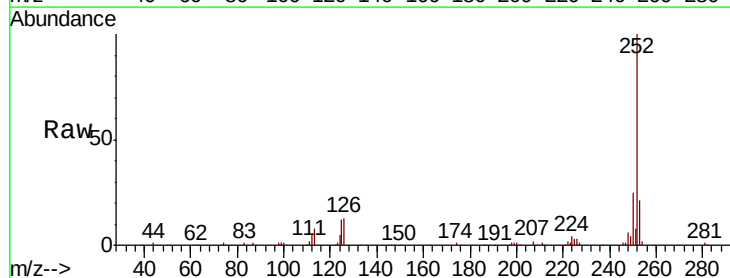
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2019

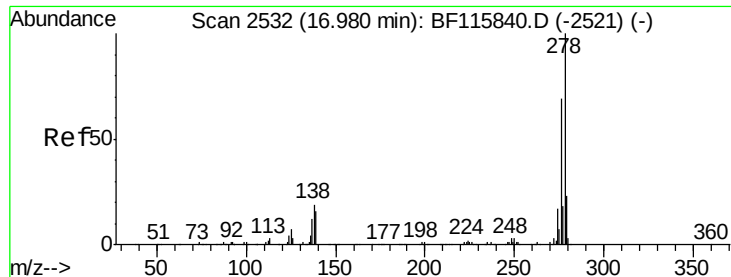
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.0	8.9	13.3



#90
Benzo(a)pyrene
Concen: 9.866 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	11.6	8.8	13.2

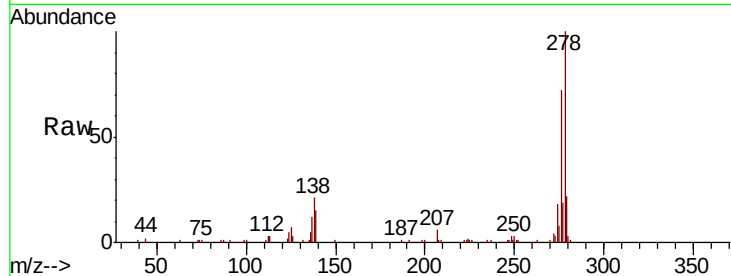




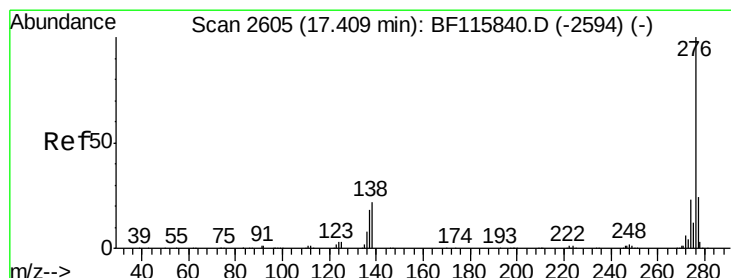
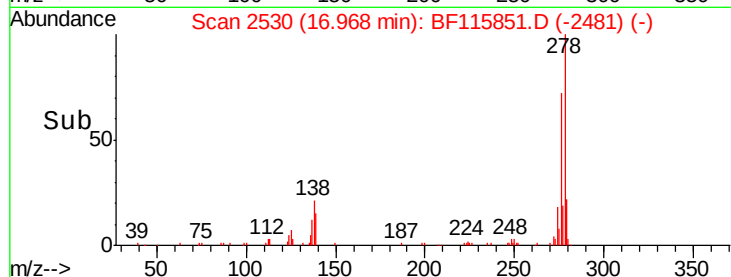
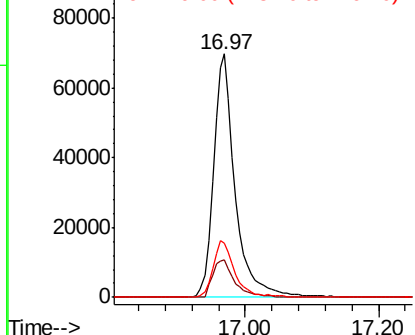
#91
Dibenzo(a,h)anthracene
Concen: 9.068 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

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

Tgt Ion: 278 Resp: 157644
Ion Ratio Lower Upper
278 100
139 15.4 12.6 19.0
279 22.3 18.8 28.2

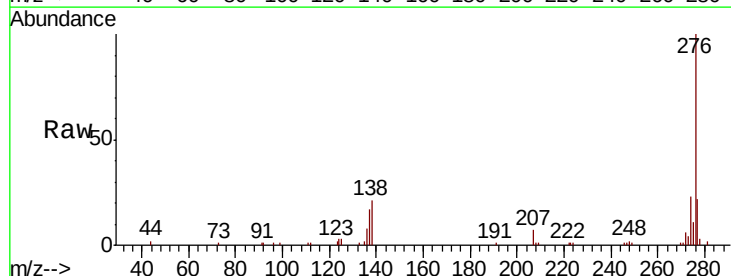


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.119 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115851.D
Acq: 30 Jul 2019 19:28

Tgt Ion: 276 Resp: 155691
Ion Ratio Lower Upper
276 100
277 22.5 19.5 29.3
138 21.3 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

