

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073019\
 Data File : BF115849.D
 Acq On : 30 Jul 2019 18:35
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-WATER-5PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 31 04:39:21 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	127925	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514756	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	271617	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	472404	20.00	ng	0.00
76) Chrysene-d12	14.02	240	364635	20.00	ng	0.00
87) Perylene-d12	15.49	264	350284	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	959186	125.52	ng	0.00
7) Phenol-d6	6.49	99	1194800	123.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	746655	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	323265	122.76	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1243989	85.79	ng	0.00
79) Terphenyl-d14	12.96	244	1324467	76.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	20648	5.349	ng	100
3) Pyridine	3.45	79	40296	3.737	ng	99
4) n-Nitrosodimethylamine	3.31	42	20269	4.763	ng	# 92
6) Aniline	6.52	93	71341	5.167	ng	99
8) 2-Chlorophenol	6.64	128	46007	5.445	ng	96
9) Benzaldehyde	6.40	77	39894	5.997	ng	98
10) Phenol	6.49	94	62690	5.522	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	43077	5.161	ng	96
12) 1,3-Dichlorobenzene	6.79	146	50217	5.142	ng	99
13) 1,4-Dichlorobenzene	6.87	146	51186	5.235	ng	98
14) 1,2-Dichlorobenzene	7.02	146	47519	5.278	ng	99
15) Benzyl Alcohol	6.99	79	46032	6.291	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	57218	5.025	ng	98
17) 2-Methylphenol	7.10	107	38531	5.385	ng	98
18) Hexachloroethane	7.36	117	17635	4.899	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	31315	5.242	ng	96
20) 3+4-Methylphenols	7.26	107	47867	5.653	ng	# 48
22) Acetophenone	7.26	105	64608	5.723	ng	98
24) Nitrobenzene	7.43	77	53176	5.522	ng	97
25) Isophorone	7.66	82	86281	5.060	ng	97
26) 2-Nitrophenol	7.75	139	20643	4.548	ng	98
27) 2,4-Dimethylphenol	7.79	122	37513	5.493	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	53050	5.019	ng	98
29) 2,4-Dichlorophenol	8.00	162	35850	4.972	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	41628	5.065	ng	99
31) Naphthalene	8.15	128	138226	5.706	ng	99
32) Benzoic acid	7.88	122	6181	1.284	ng	94
33) 4-Chloroaniline	8.20	127	55612	5.138	ng	96
34) Hexachlorobutadiene	8.27	225	22970	4.852	ng	99
35) Caprolactam	8.53	113	10929	4.687	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	38403	5.120	ng	94
37) 2-Methylnaphthalene	8.85	142	91339	5.725	ng	98
38) 1-Methylnaphthalene	8.95	142	85824	5.687	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	39587	5.452	ng	99

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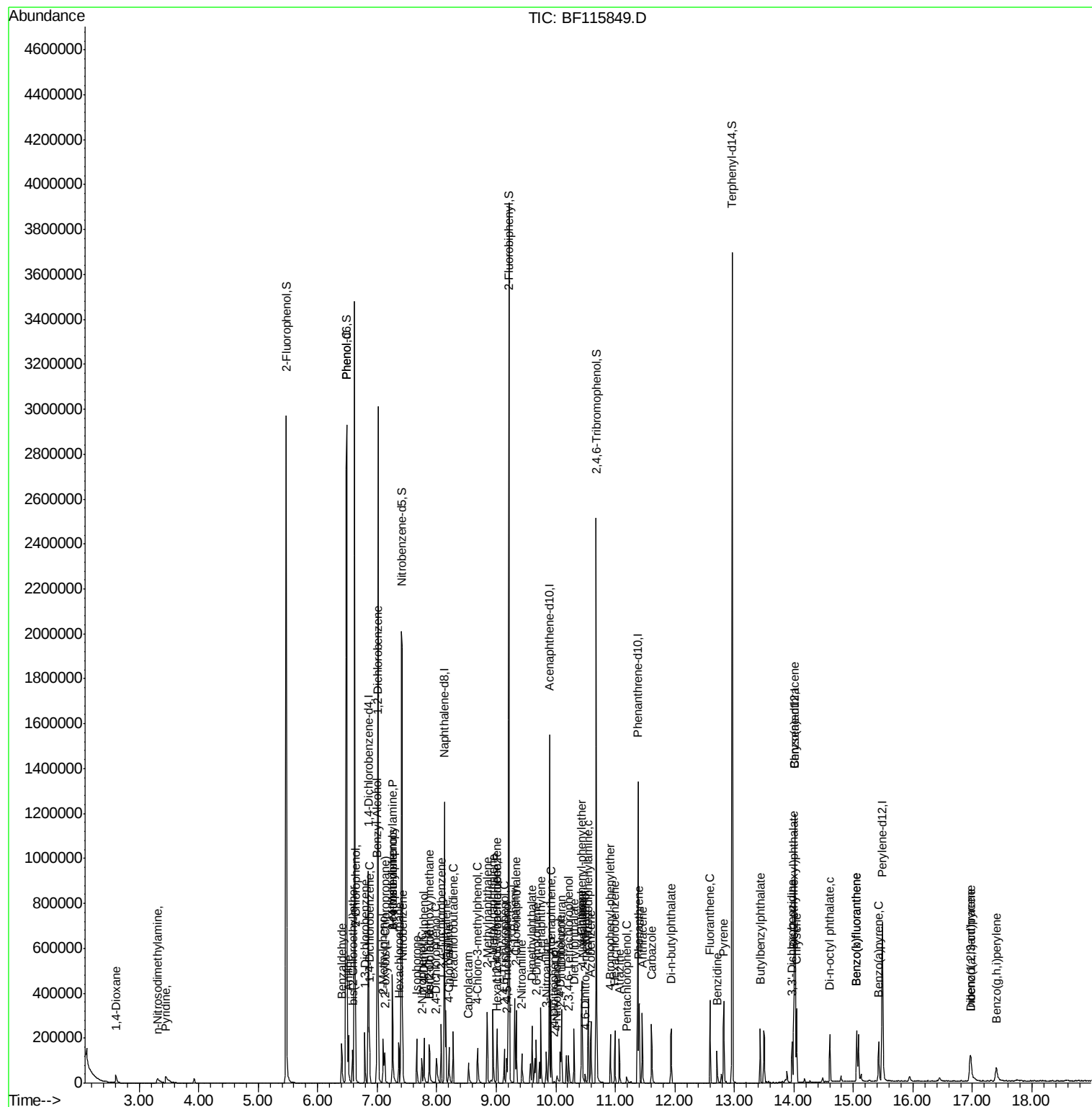
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	5411	1.906	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	22325	4.467	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	24738	4.788	ng	97
46) 1,1'-Biphenyl	9.31	154	112437	5.863	ng	99
47) 2-Chloronaphthalene	9.34	162	84139	5.272	ng	99
48) 2-Nitroaniline	9.43	65	23950	4.540	ng	94
49) Acenaphthylene	9.75	152	131506	5.648	ng	97
50) Dimethylphthalate	9.60	163	92861	5.021	ng	99
51) 2,6-Dinitrotoluene	9.67	165	19309	4.804	ng	# 85
52) Acenaphthene	9.92	154	79847	5.590	ng	98
53) 3-Nitroaniline	9.84	138	21939	4.418	ng	87
54) 2,4-Dinitrophenol	9.97	184	1985	1.163	ng	98
55) Dibenzofuran	10.10	168	119383	5.747	ng	99
56) 4-Nitrophenol	10.02	139	10144	3.189	ng	94
57) 2,4-Dinitrotoluene	10.08	165	24261	4.534	ng	99
58) Fluorene	10.44	166	93203	5.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	19662	4.523	ng	# 96
60) Diethylphthalate	10.31	149	87532	5.069	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	43948	5.429	ng	94
62) 4-Nitroaniline	10.45	138	23323	4.544	ng	96
63) Azobenzene	10.59	77	95451	5.375	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	7013	2.801	ng	100
66) n-Nitrosodiphenylamine	10.55	169	78083	5.492	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	25339	5.011	ng	95
68) Hexachlorobenzene	10.99	284	29071	4.971	ng	96
69) Atrazine	11.07	200	22354	4.779	ng	99
70) Pentachlorophenol	11.19	266	8340	2.938	ng	95
71) Phenanthrene	11.40	178	139211	5.764	ng	98
72) Anthracene	11.46	178	138627	5.672	ng	100
73) Carbazole	11.61	167	122227	5.512	ng	97
74) Di-n-butylphthalate	11.94	149	124417	4.810	ng	98
75) Fluoranthene	12.59	202	137965	5.457	ng	98
77) Benzidine	12.71	184	58067	4.714	ng	98
78) Pyrene	12.82	202	146154	5.317	ng	98
80) Butylbenzylphthalate	13.43	149	45825	3.941	ng	95
81) Benzo(a)anthracene	14.01	228	118890	5.101	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	40175	4.962	ng	99
83) Chrysene	14.04	228	119118	5.264	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	63337	4.192	ng	98
85) Di-n-octyl phthalate	14.60	149	96139	4.006	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	86193	4.536	ng	99
88) Benzo(b)fluoranthene	15.06	252	95097	4.695	ng	98
89) Benzo(k)fluoranthene	15.06	252	95097	4.821	ng	98
90) Benzo(a)pyrene	15.42	252	91458	5.051	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	71065	4.534	ng	98
92) Benzo(g,h,i)perylene	17.40	276	69584	4.521	ng	98

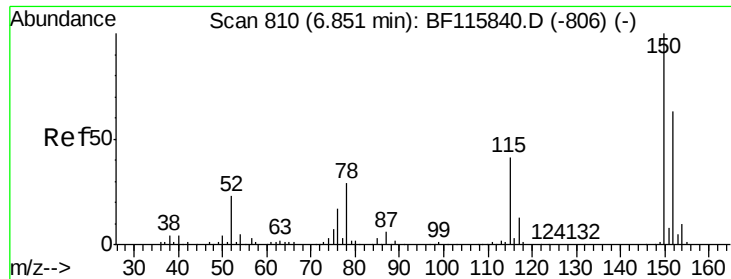
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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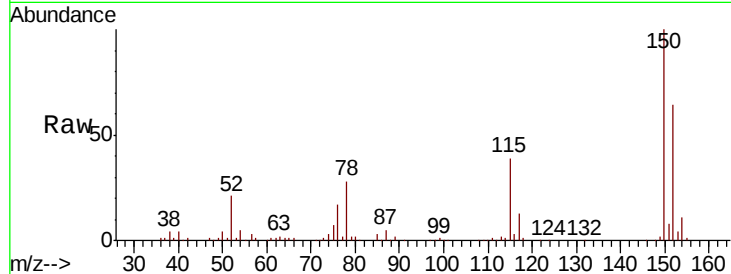


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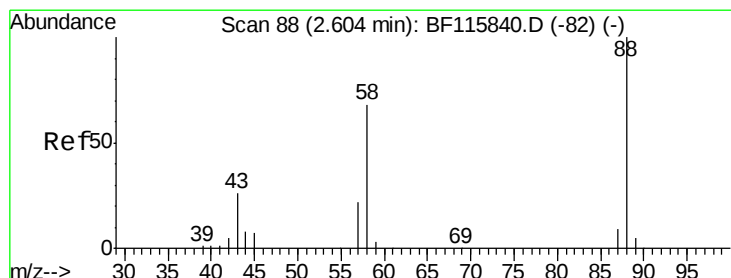
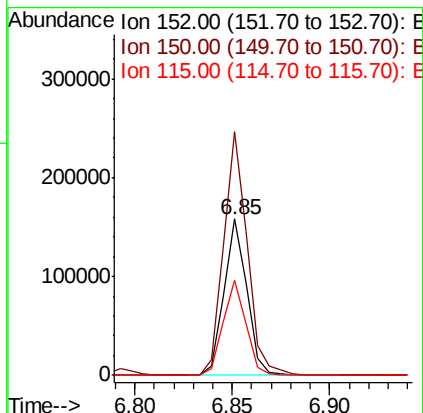
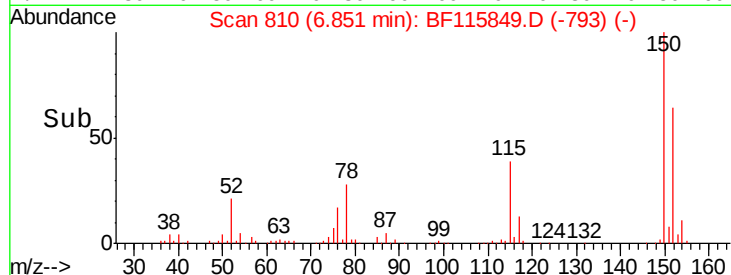
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 152 Resp: 127925
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 60.5 51.8 77.8



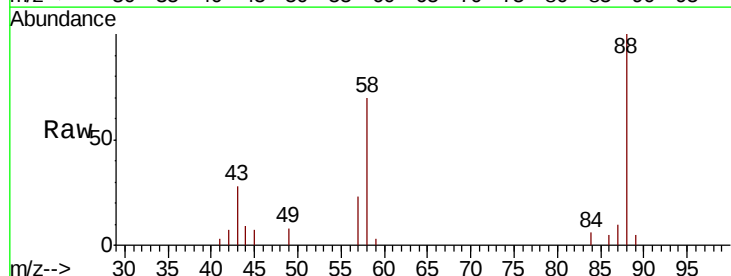
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



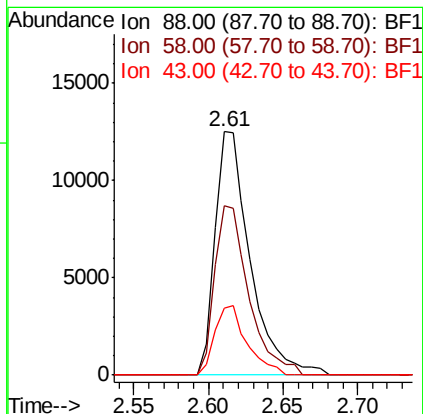
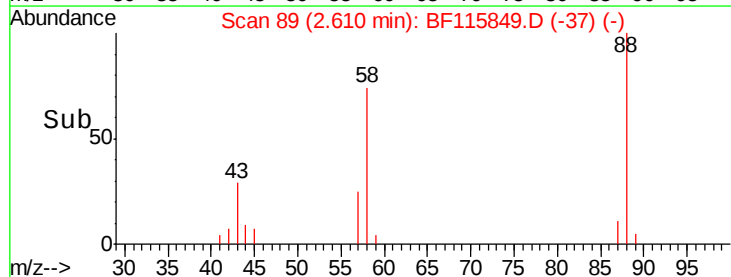
#2

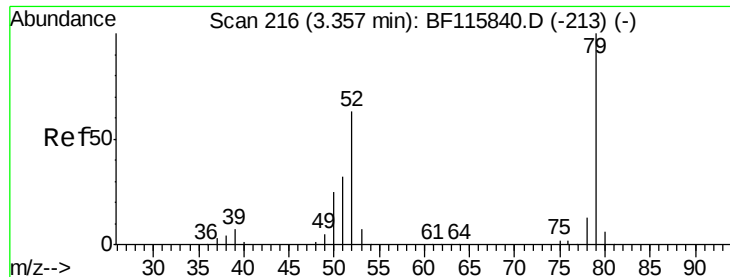
1,4-Dioxane
Concen: 5.349 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 88 Resp: 20648
Ion Ratio Lower Upper
88 100
58 67.3 54.1 81.1
43 26.3 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: 3.737 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

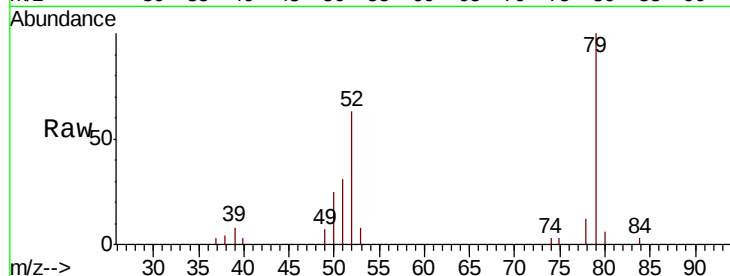
Tgt Ion: 79 Resp: 40296

Ion Ratio Lower Upper

79 100

52 63.2 50.2 75.4

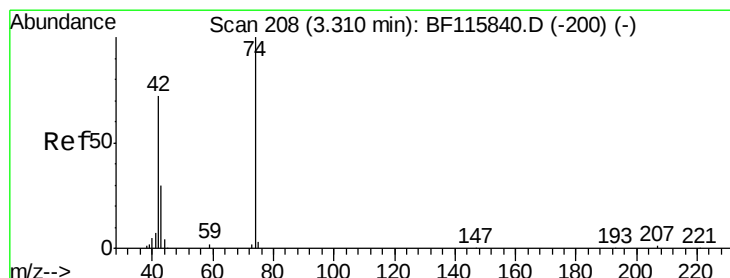
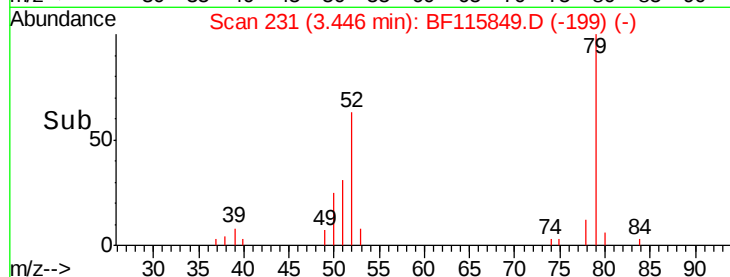
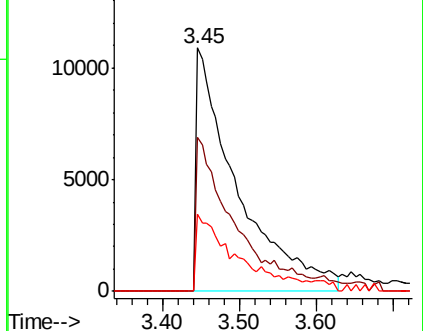
51 31.5 25.8 38.6



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: 4.763 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

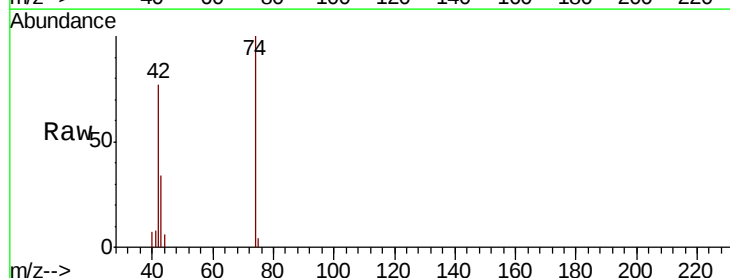
Tgt Ion: 42 Resp: 20269

Ion Ratio Lower Upper

42 100

74 129.4 111.0 166.4

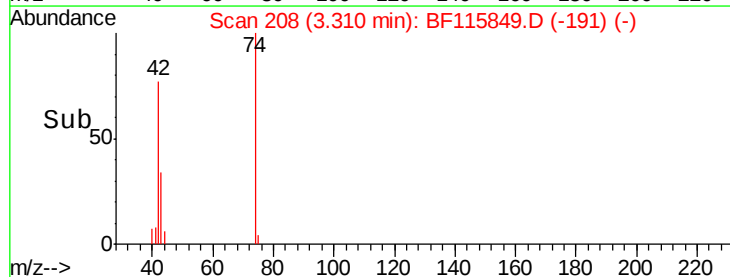
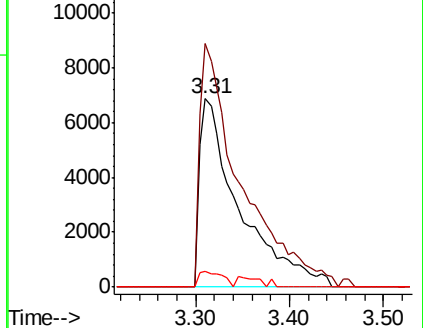
44 8.2 4.7 7.1#



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: 125.522 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

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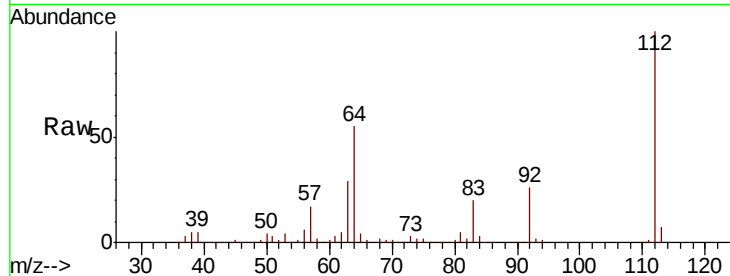
Tgt Ion: 112 Resp: 959186

Ion Ratio Lower Upper

112 100

64 54.9 46.8 70.2

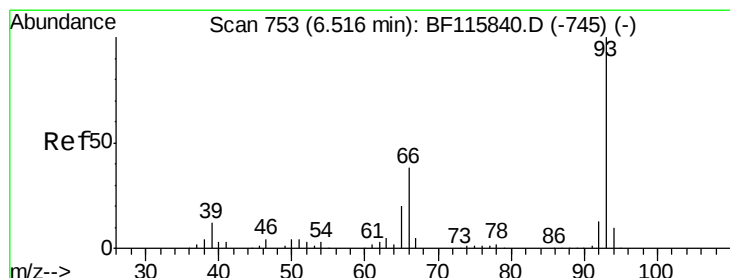
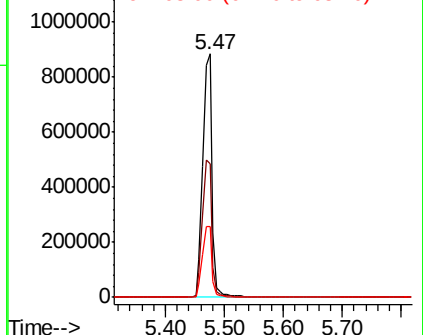
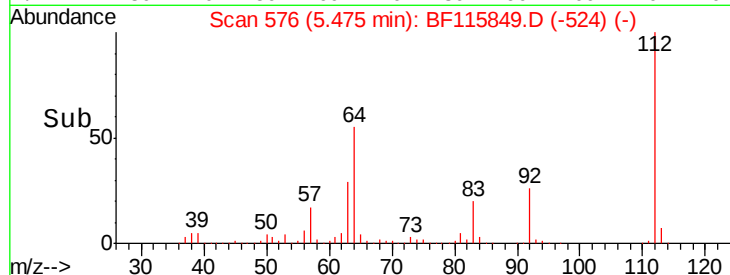
63 29.1 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.167 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115849.D

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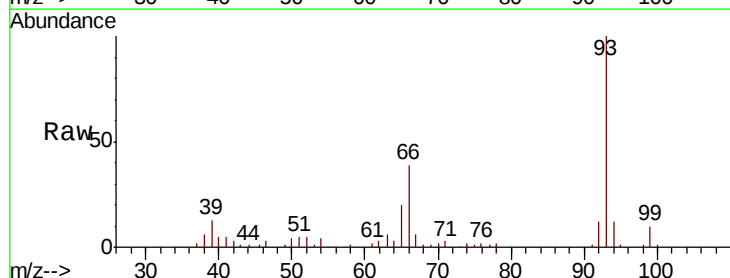
Tgt Ion: 93 Resp: 71341

Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

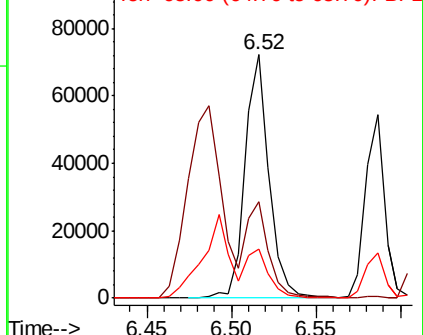
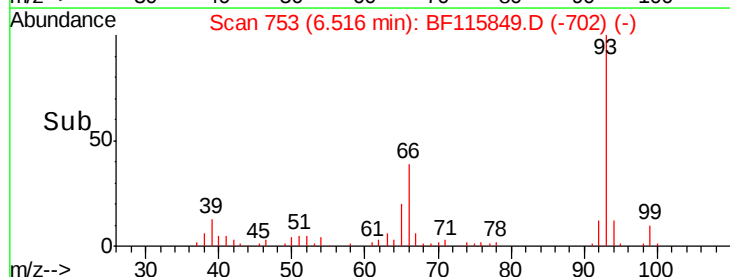
65 20.3 16.5 24.7

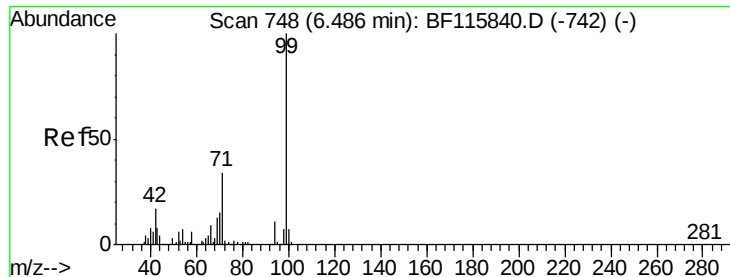


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.926 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

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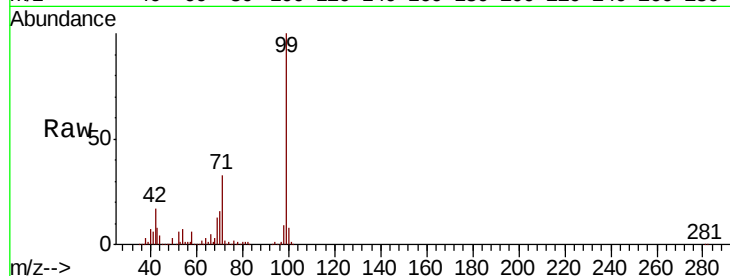
Tgt Ion: 99 Resp: 1194800

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

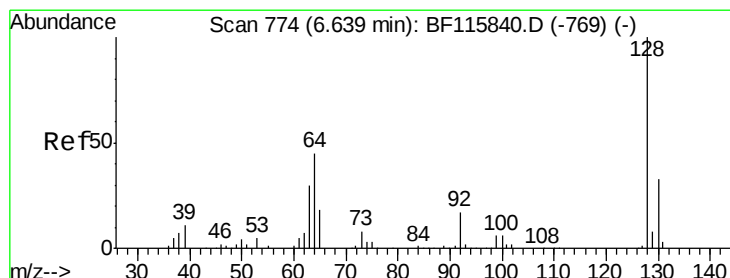
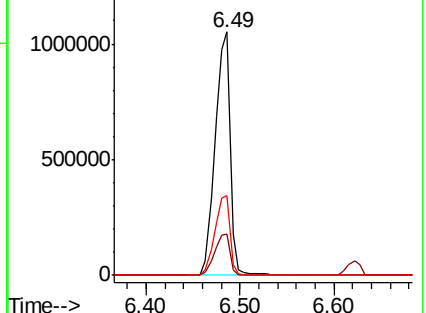
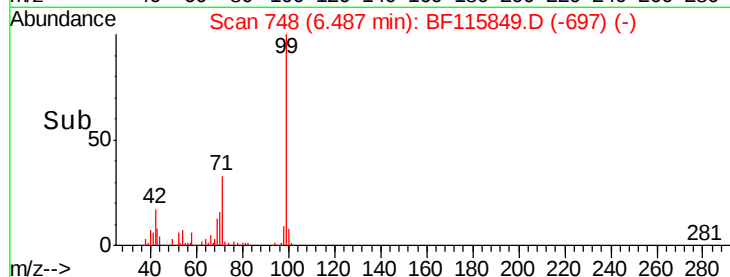
71 33.0 27.1 40.7



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: 5.445 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

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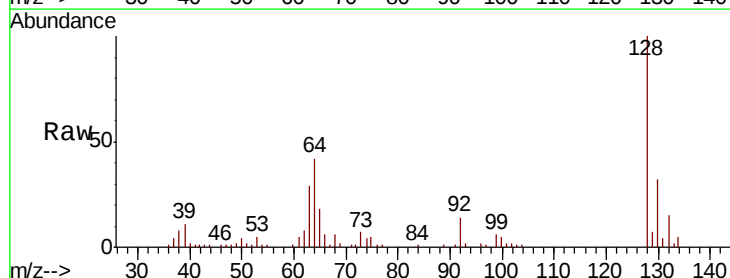
Tgt Ion: 128 Resp: 46007

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

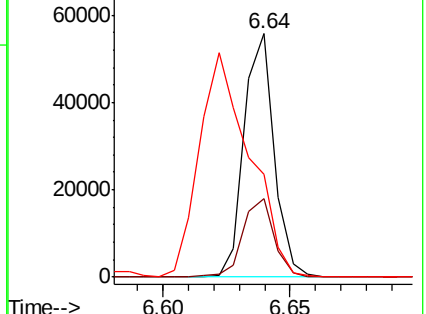
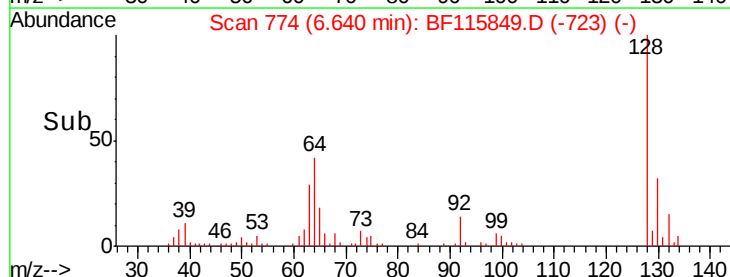
64 42.5 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.997 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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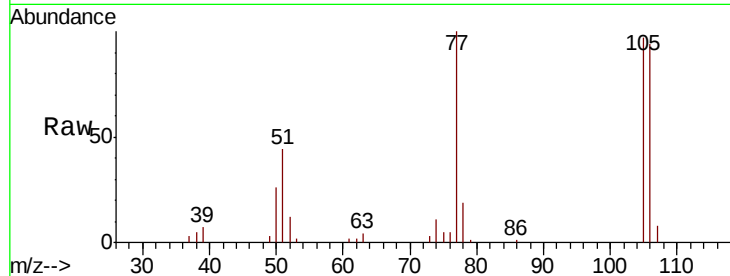
Tgt Ion: 77 Resp: 39894

Ion Ratio Lower Upper

77 100

105 97.4 79.0 119.0

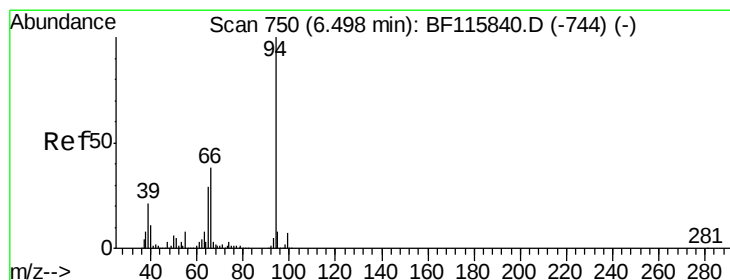
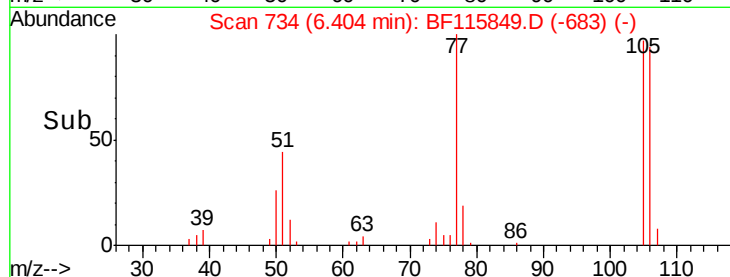
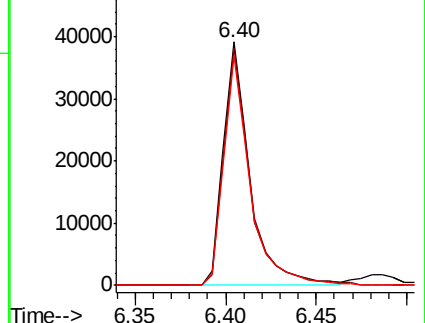
106 94.2 76.2 116.2



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: 5.522 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

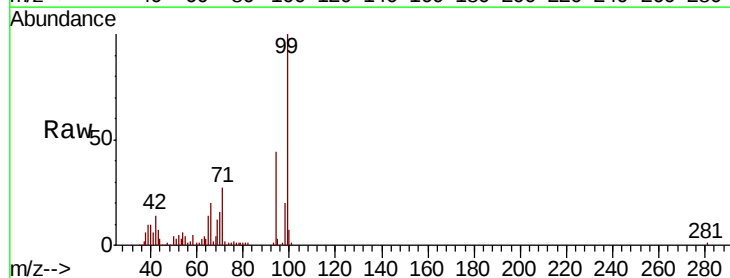
Tgt Ion: 94 Resp: 62690

Ion Ratio Lower Upper

94 100

65 31.8 8.9 48.9

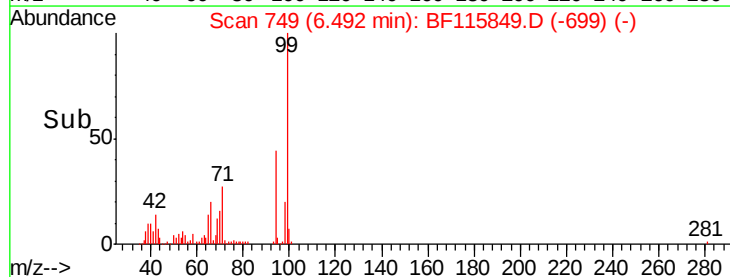
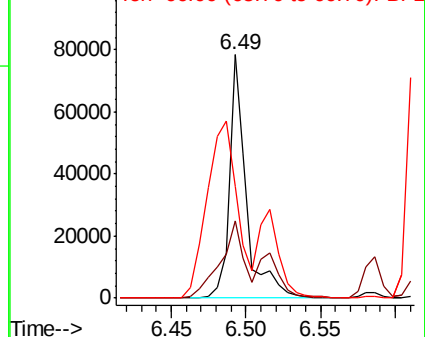
66 46.1 18.0 58.0



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

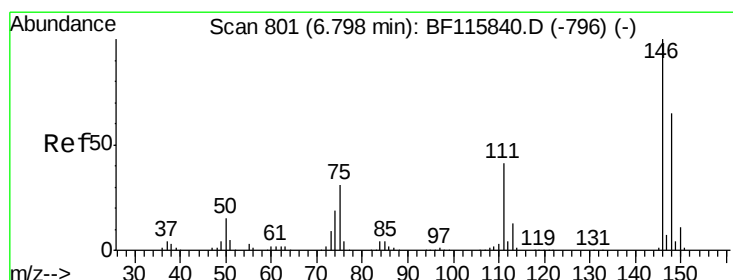
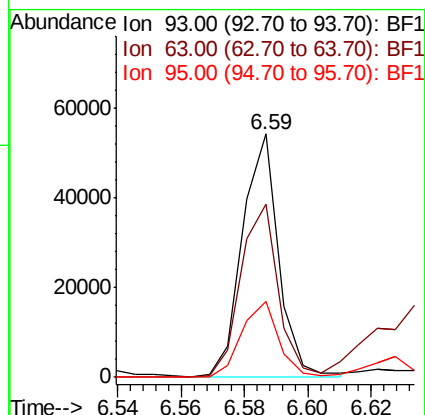
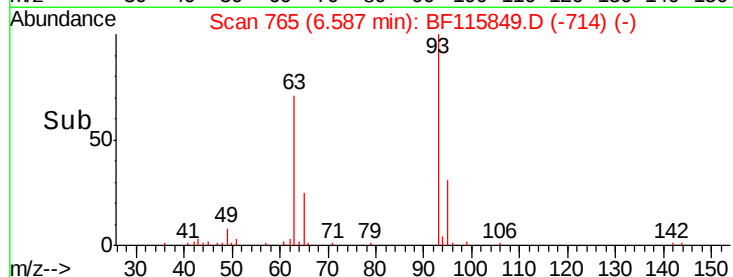
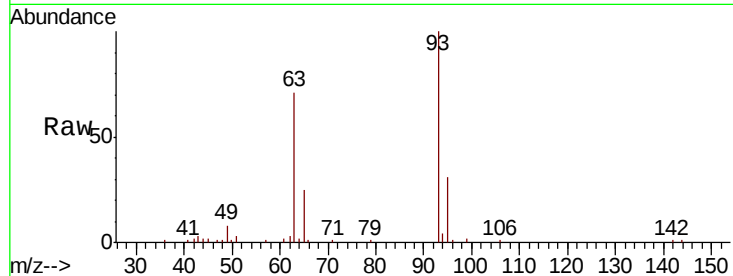




#11
bis(2-Chloroethyl)ether
Concen: 5.161 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

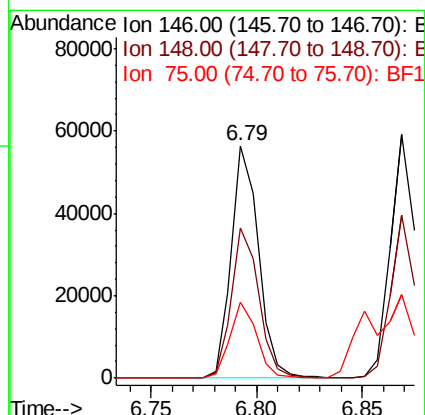
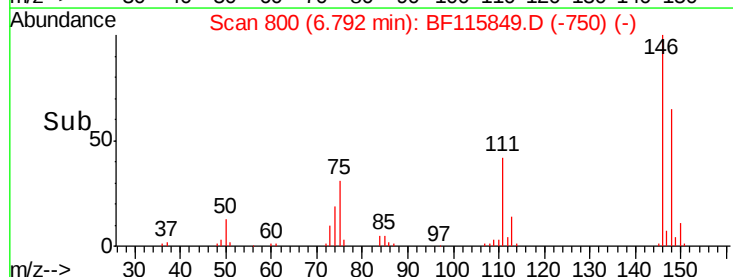
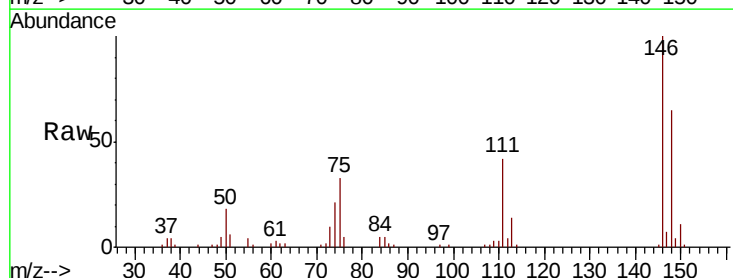
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

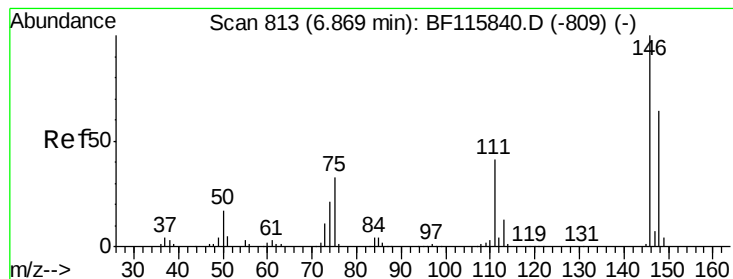
Tgt Ion: 93 Resp: 43077
Ion Ratio Lower Upper
93 100
63 71.0 54.9 94.9
95 31.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 5.142 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 146 Resp: 50217
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 32.5 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 5.235 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

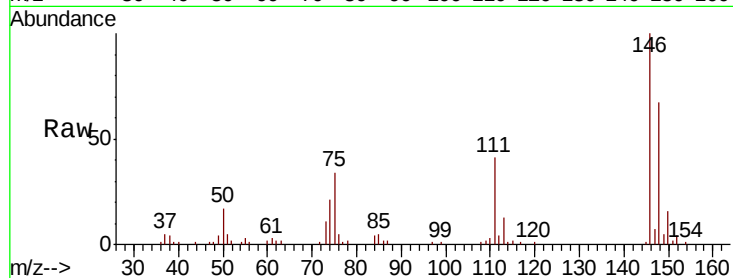
Tgt Ion:146 Resp: 51186

Ion Ratio Lower Upper

146 100

148 66.9 51.2 76.8

111 41.2 33.2 49.8

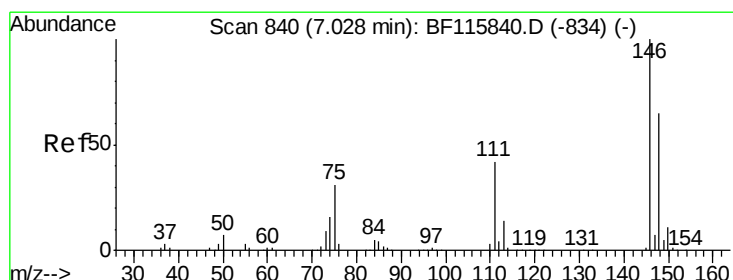
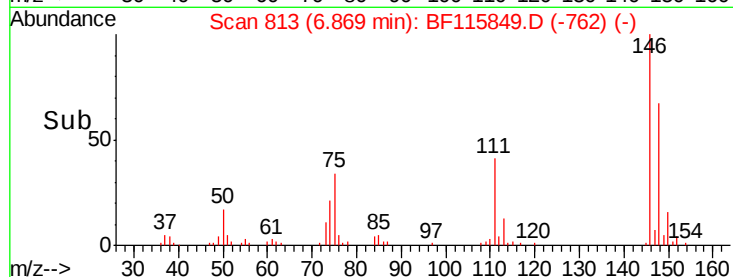
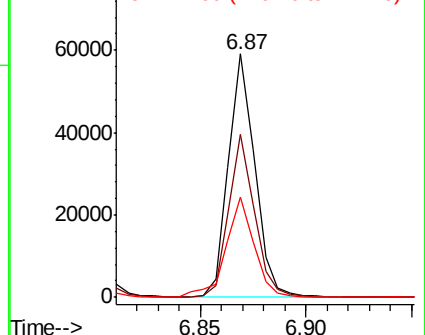


Abundance

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: 5.278 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

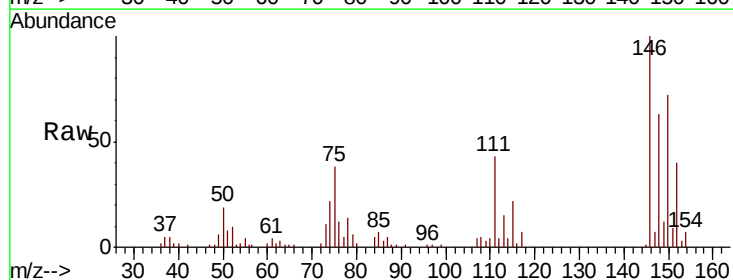
Tgt Ion:146 Resp: 47519

Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

111 42.5 33.6 50.4

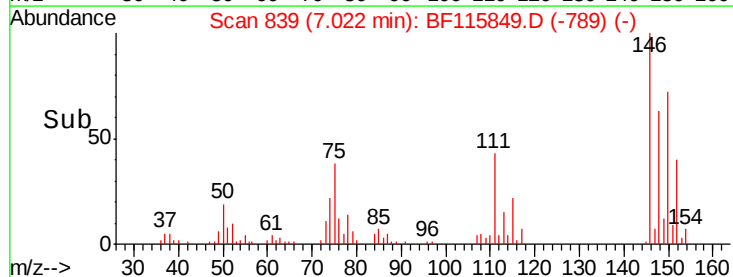
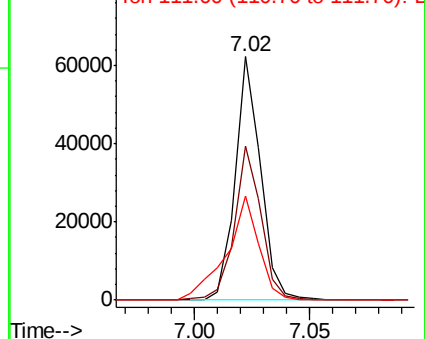


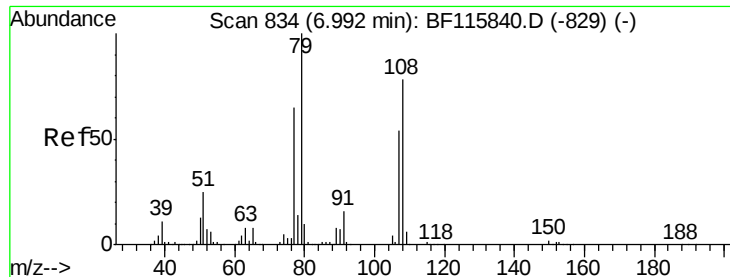
Abundance

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: 6.291 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

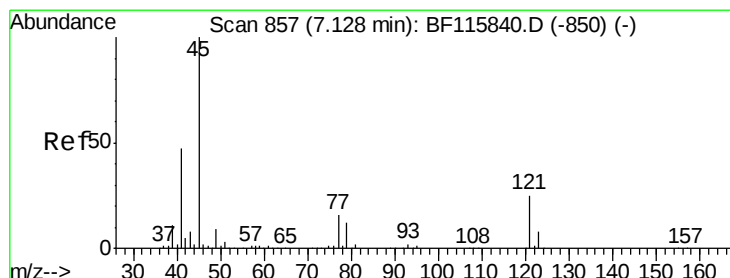
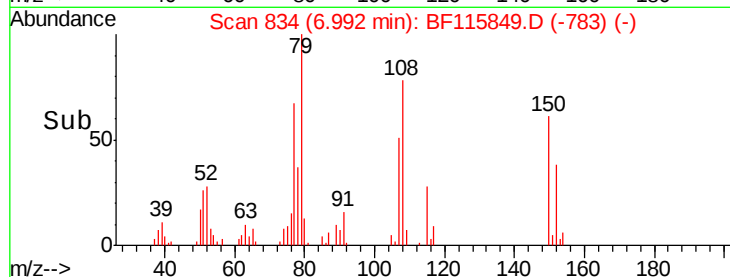
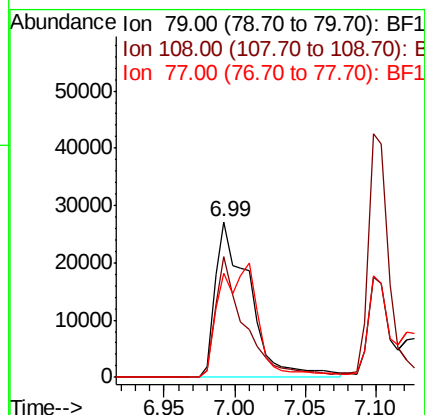
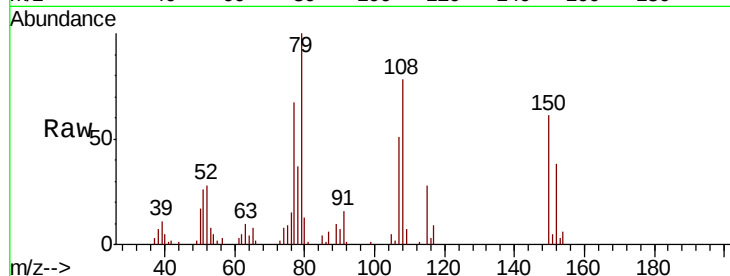
Tgt Ion: 79 Resp: 46032

Ion Ratio Lower Upper

79 100

108 77.9 62.8 94.2

77 67.3 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.025 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

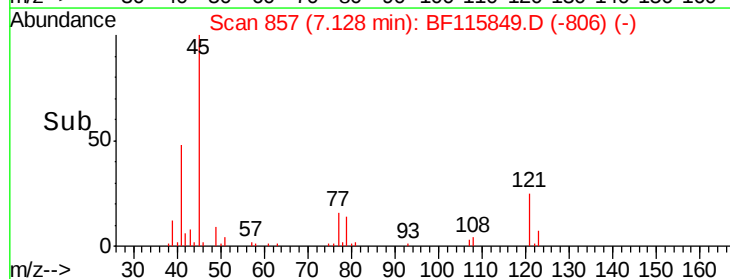
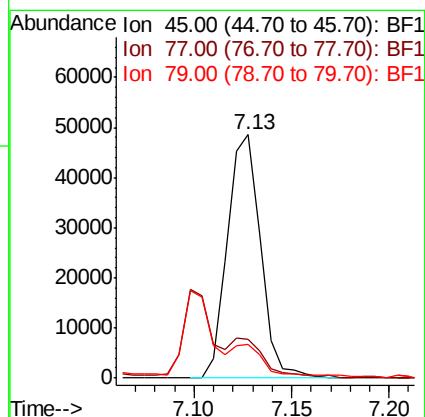
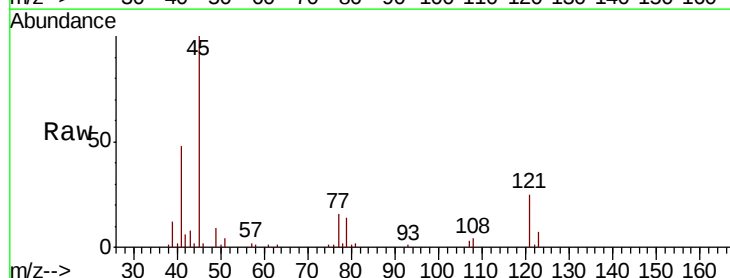
Tgt Ion: 45 Resp: 57218

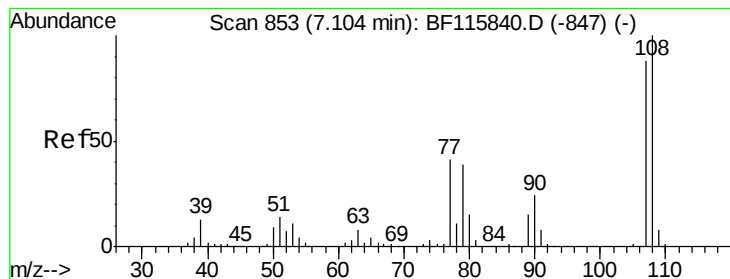
Ion Ratio Lower Upper

45 100

77 15.8 0.0 36.3

79 14.1 0.0 32.5





#17

2-Methylphenol

Concen: 5.385 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion:107 Resp: 38531

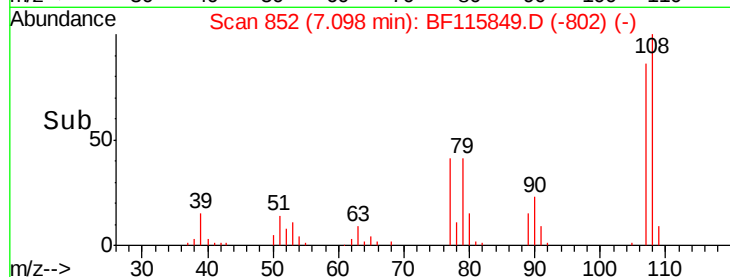
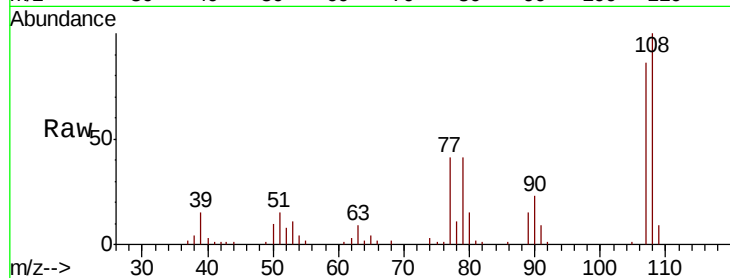
Ion Ratio Lower Upper

107 100

108 116.0 91.4 137.0

77 48.1 37.6 56.4

79 47.5 36.2 54.4

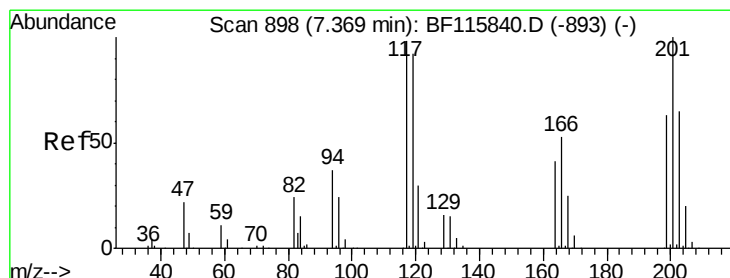
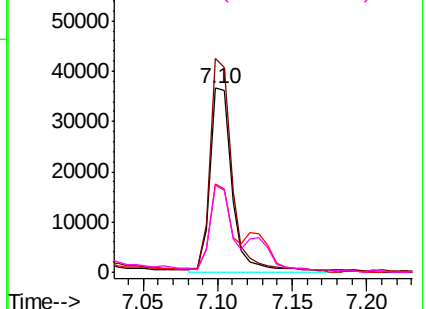


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.899 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

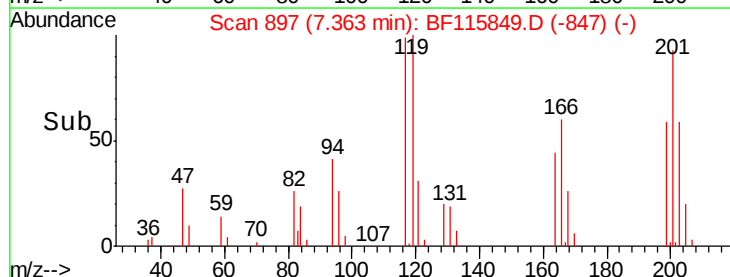
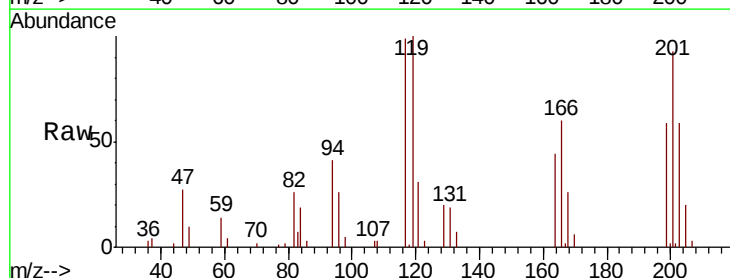
Tgt Ion:117 Resp: 17635

Ion Ratio Lower Upper

117 100

119 101.1 75.8 113.6

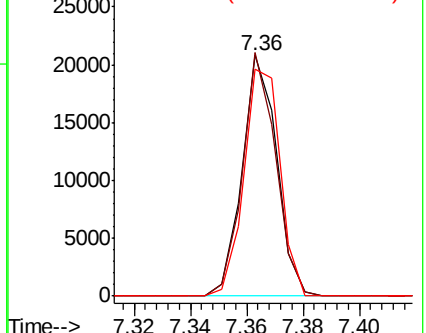
201 96.2 82.0 123.0

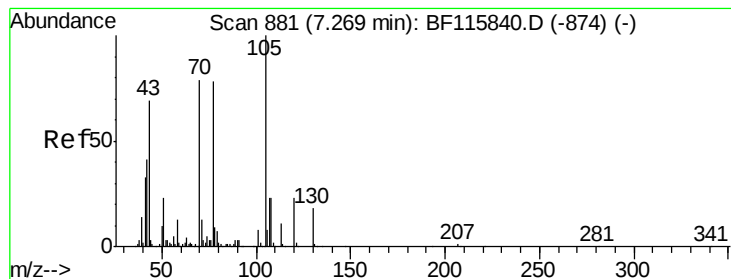


Abundance Ion 117.00 (116.70 to 117.70): E

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: 5.242 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 70 Resp: 31315

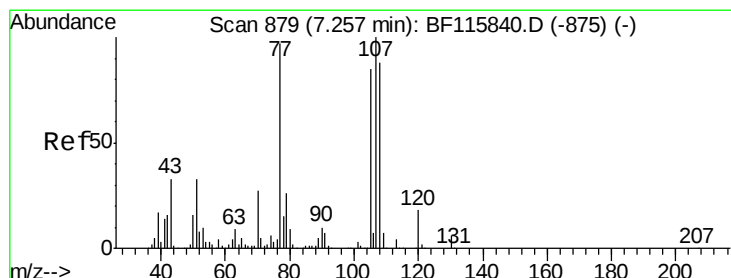
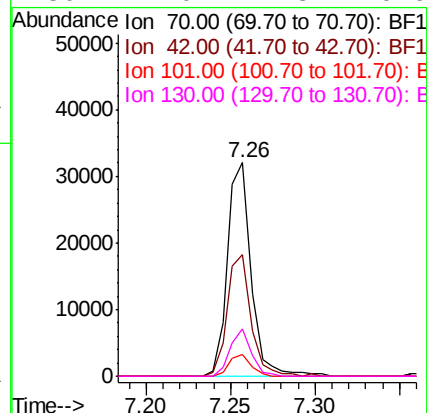
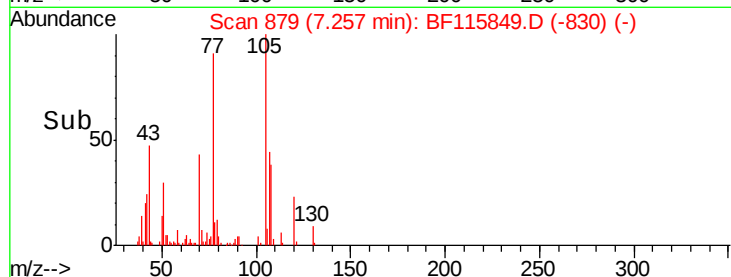
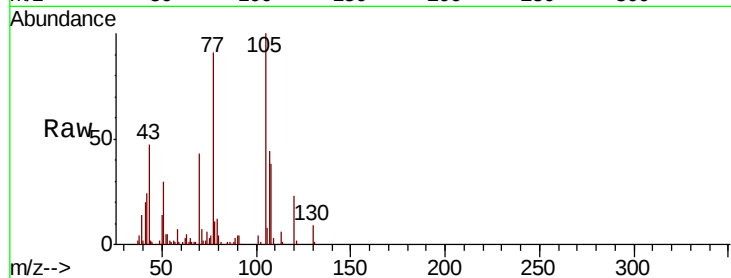
Ion Ratio Lower Upper

70 100

42 56.7 41.8 62.8

101 10.4 7.7 11.5

130 22.0 17.8 26.6



#20

3+4-Methylphenols

Concen: 5.653 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Tgt Ion: 107 Resp: 47867

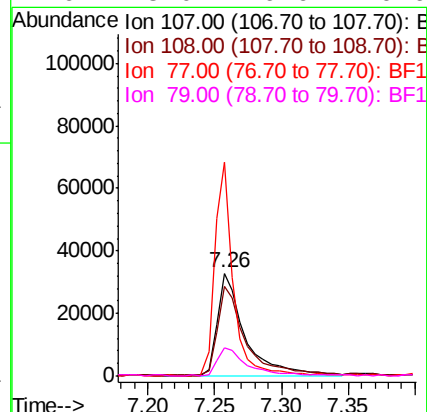
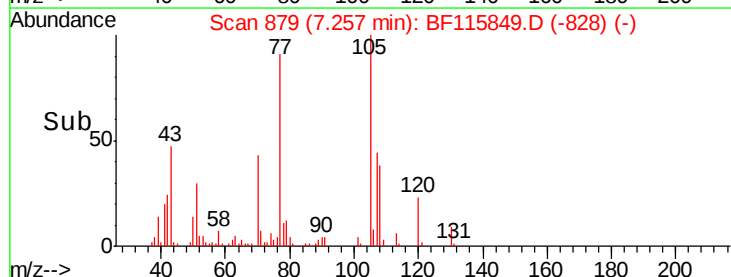
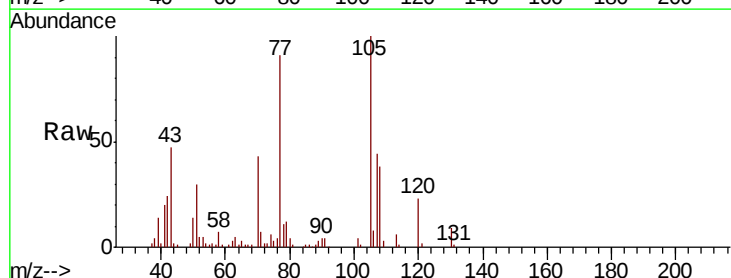
Ion Ratio Lower Upper

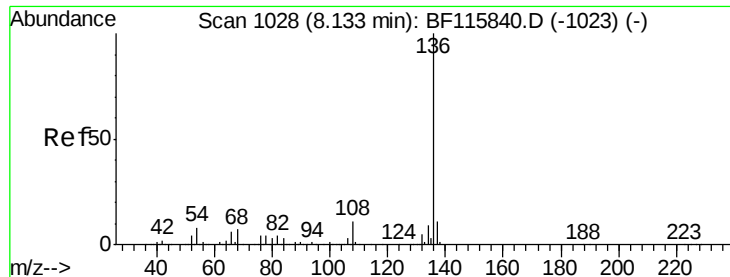
107 100

108 86.8 67.9 107.9

77 208.0 77.3 117.3#

79 28.0 6.6 46.6

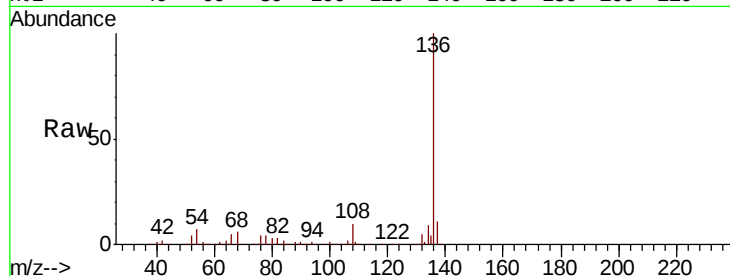




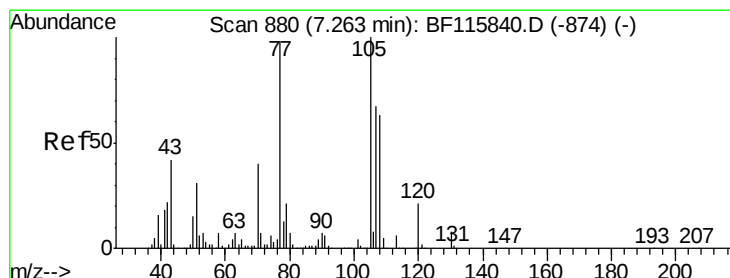
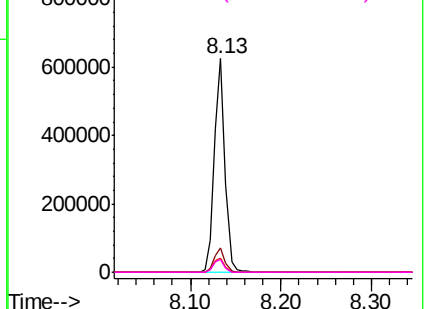
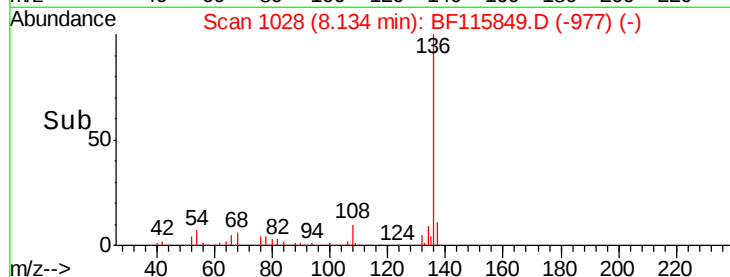
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:	136	Resp:	514756
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	6.1	9.1
68	5.9	5.4	8.2

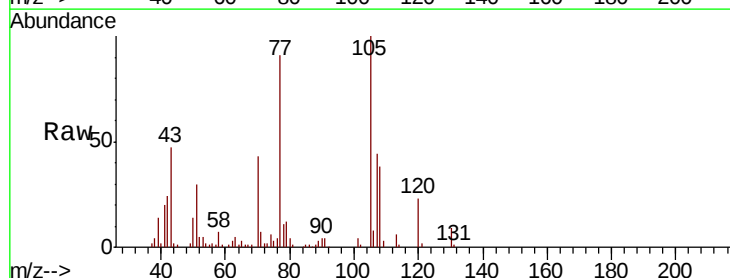


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

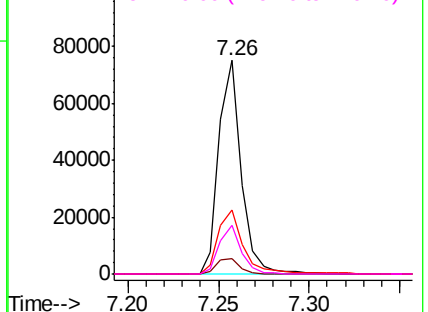
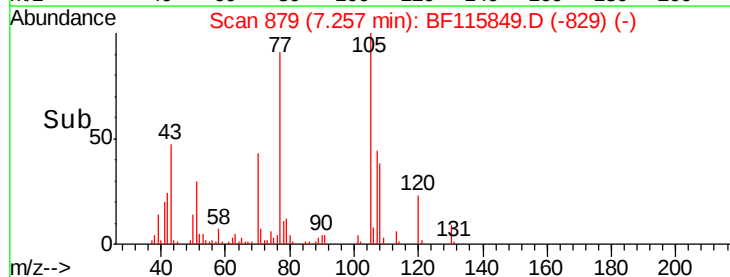


#22
Acetophenone
Concen: 5.723 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:	105	Resp:	64608
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.4	8.0
51	29.8	24.6	36.8
120	22.7	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

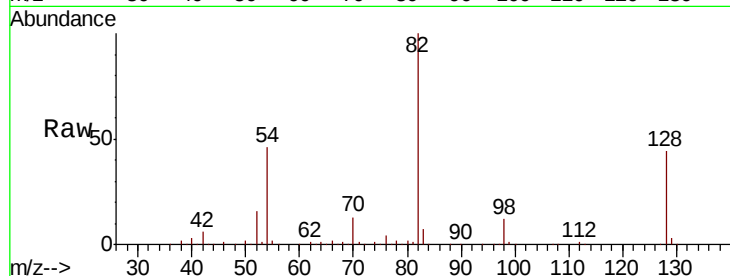




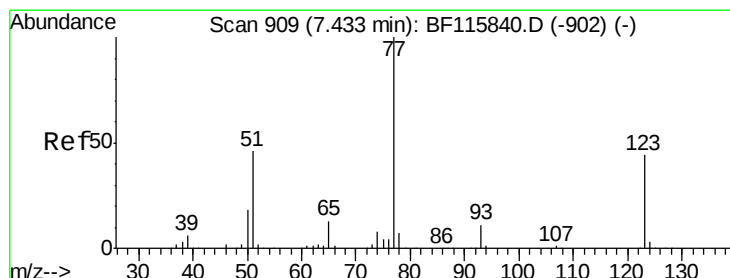
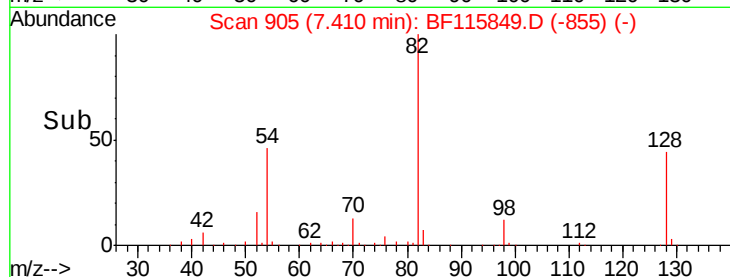
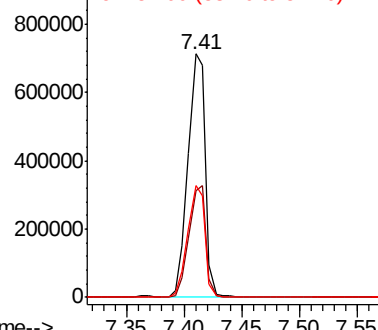
#23
Nitrobenzene-d5
Concen: 83.728 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 82 Resp: 746655
Ion Ratio Lower Upper
82 100
128 43.7 36.6 55.0
54 45.9 36.6 55.0

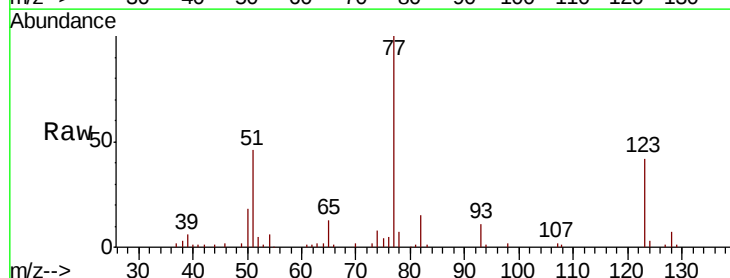


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

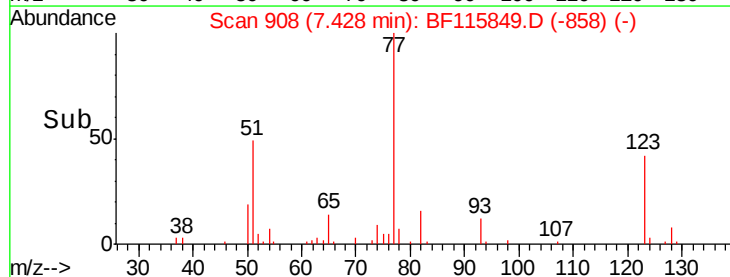
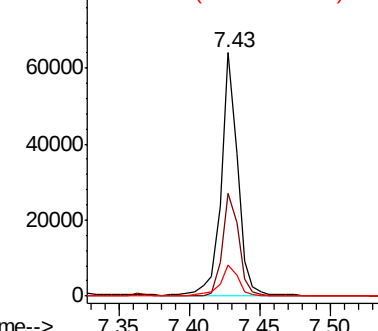


#24
Nitrobenzene
Concen: 5.522 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 77 Resp: 53176
Ion Ratio Lower Upper
77 100
123 42.1 35.5 53.3
65 13.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.060 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

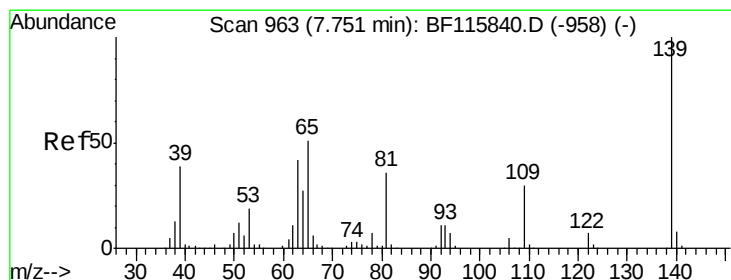
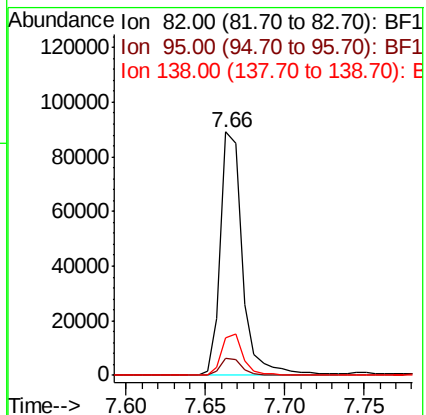
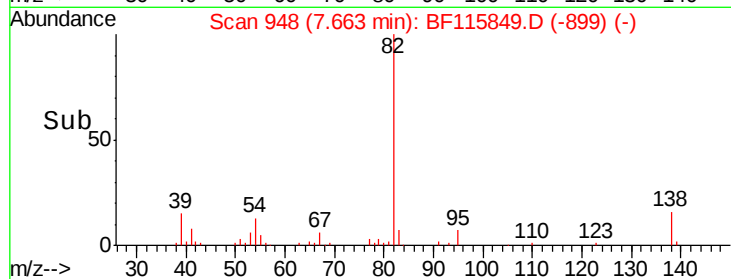
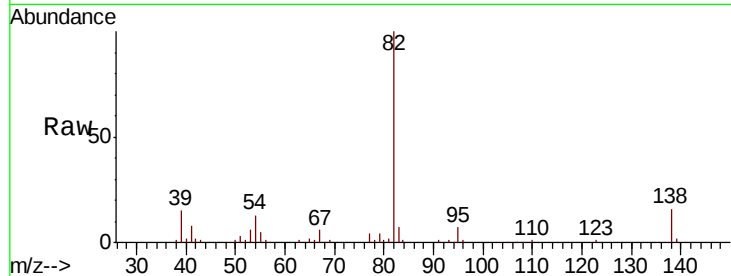
Tgt Ion: 82 Resp: 86281

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 15.5 13.9 20.9



#26

2-Nitrophenol

Concen: 4.548 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

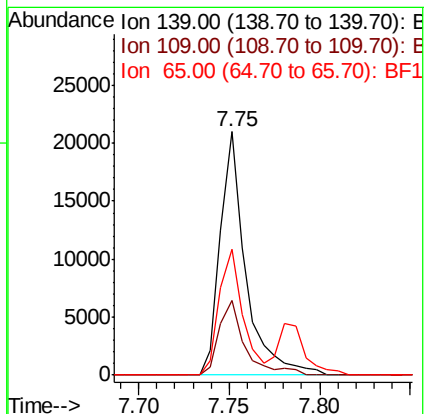
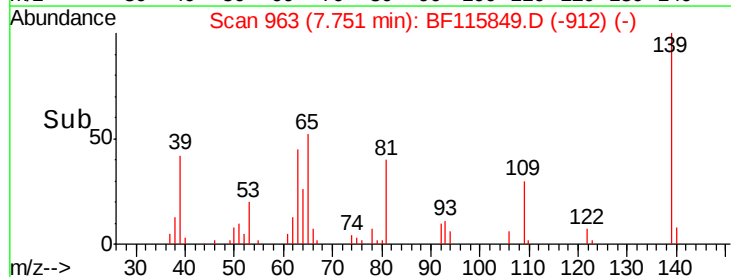
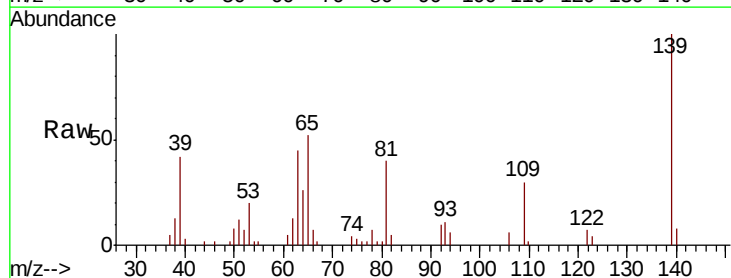
Tgt Ion: 139 Resp: 20643

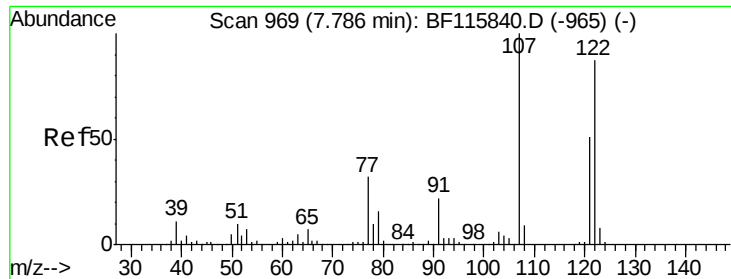
Ion Ratio Lower Upper

139 100

109 30.4 23.6 35.4

65 51.8 40.6 60.8

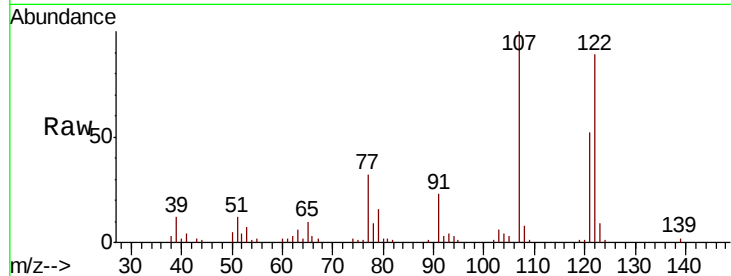




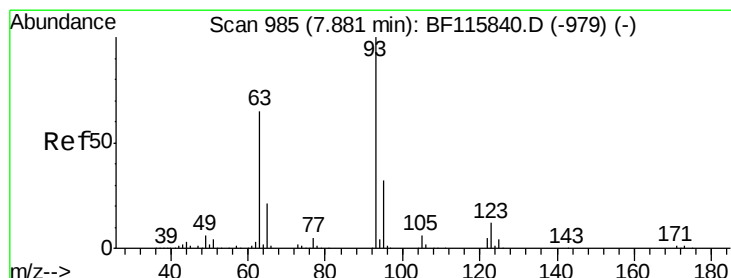
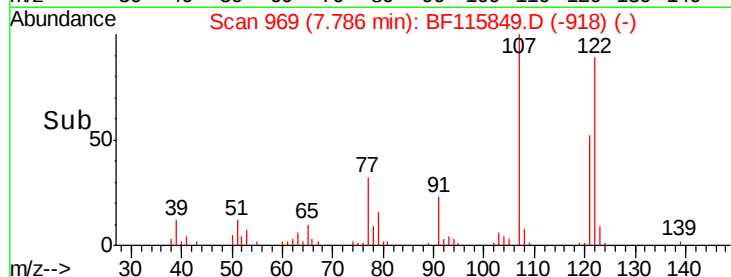
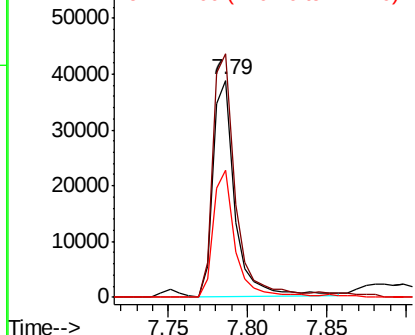
#27
 2,4-Dimethylphenol
 Concen: 5.493 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 122 Resp: 37513
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.7 137.5
 121 58.6 46.6 70.0

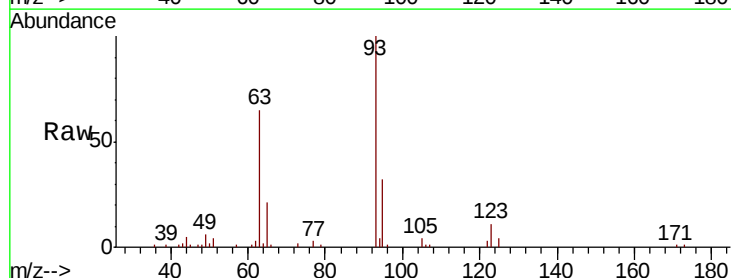


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

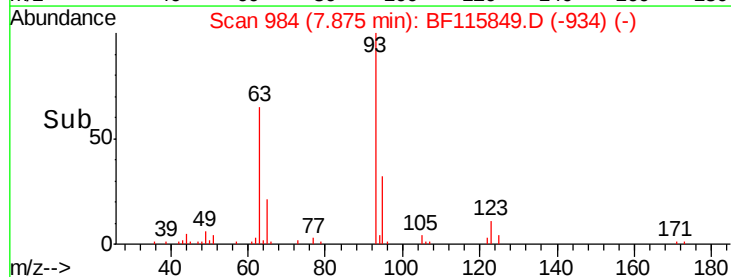
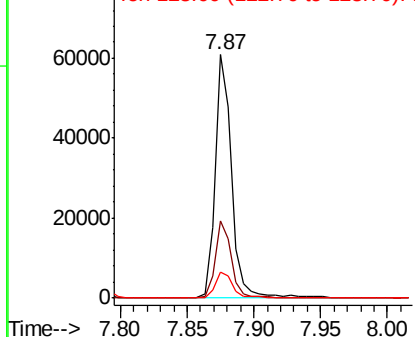


#28
 bis(2-Chloroethoxy)methane
 Concen: 5.019 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion: 93 Resp: 53050
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.0 39.0
 123 10.9 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

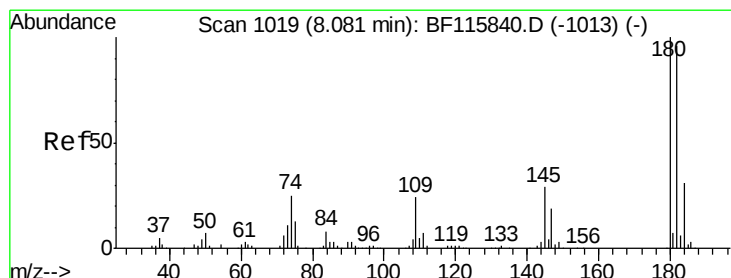
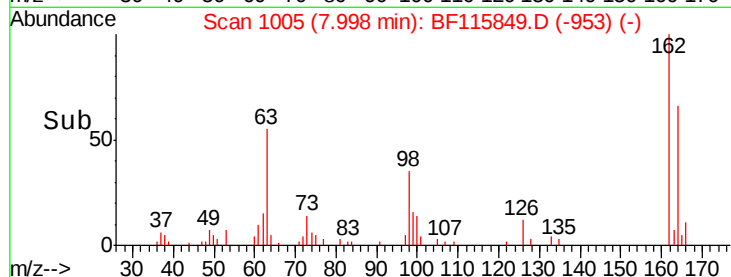
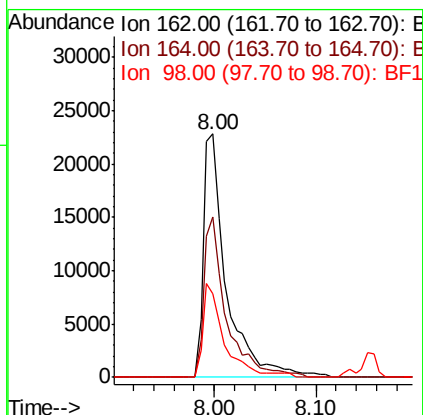
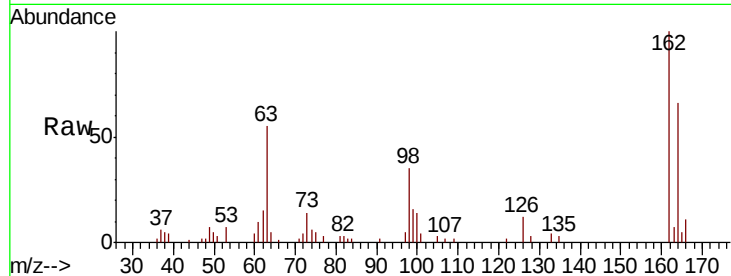




#29
 2,4-Dichlorophenol
 Concen: 4.972 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

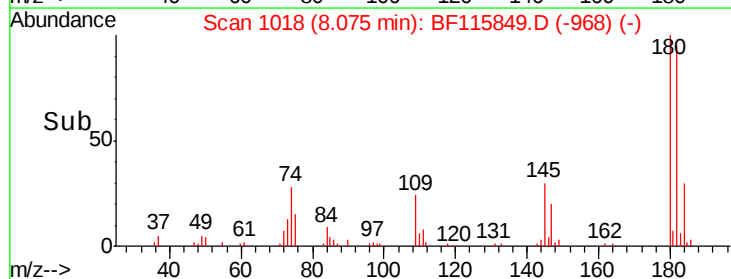
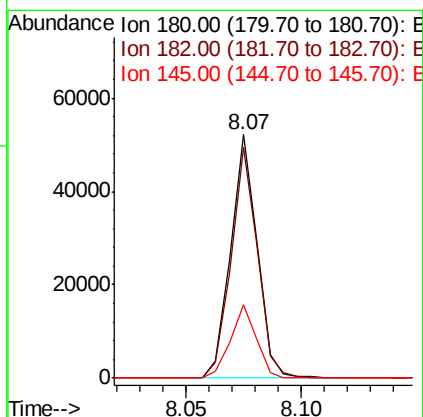
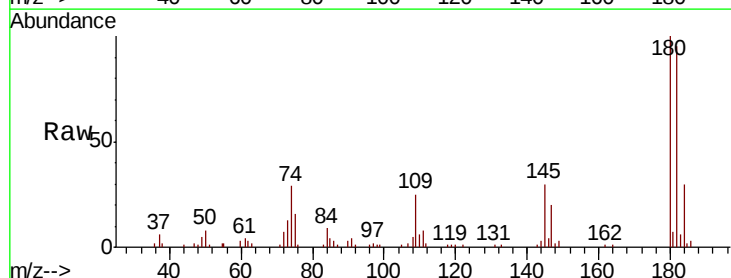
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

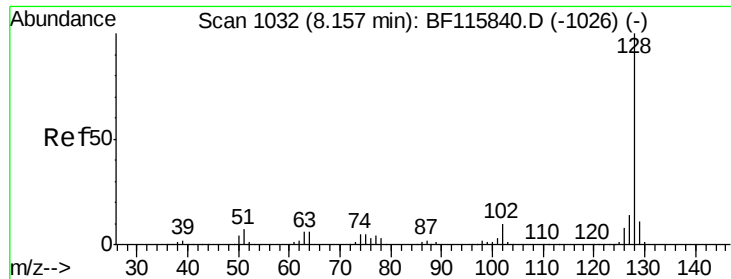
Tgt Ion:162 Resp: 35850
 Ion Ratio Lower Upper
 162 100
 164 65.9 43.2 83.2
 98 34.6 17.3 57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 5.065 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:180 Resp: 41628
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 114.8
 145 30.0 23.2 34.8

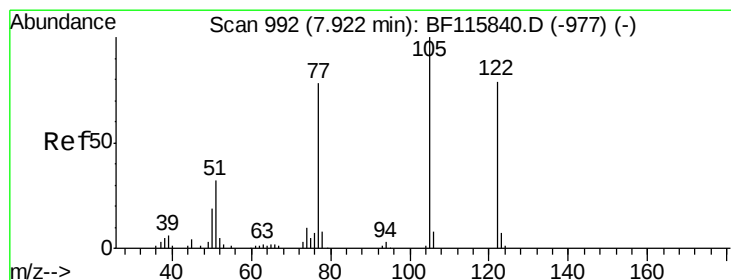
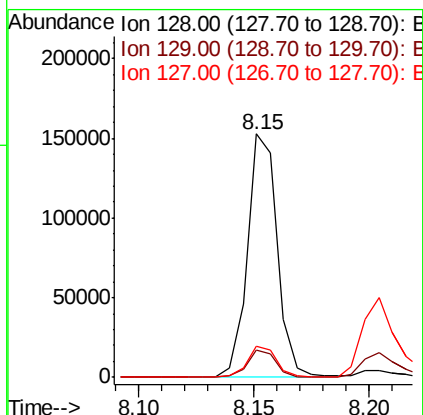
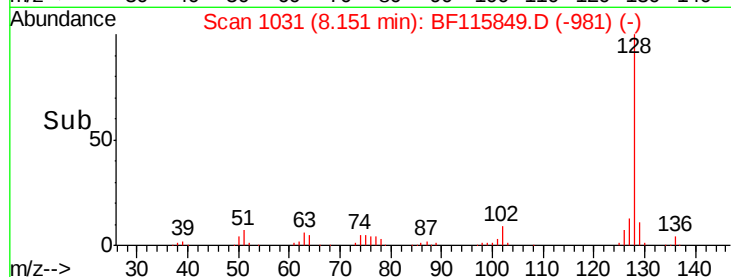
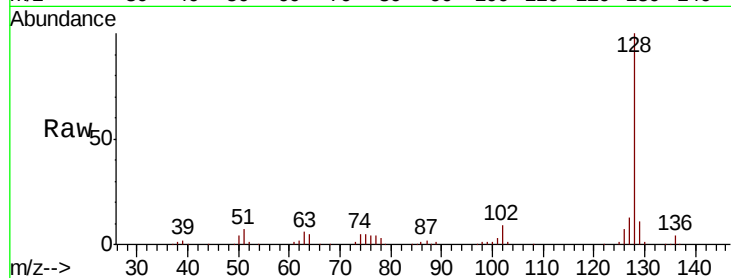




#31
Naphthalene
Concen: 5.706 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

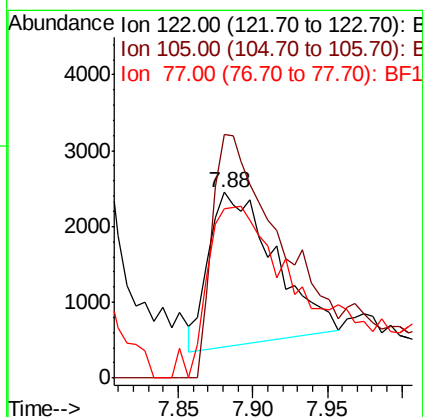
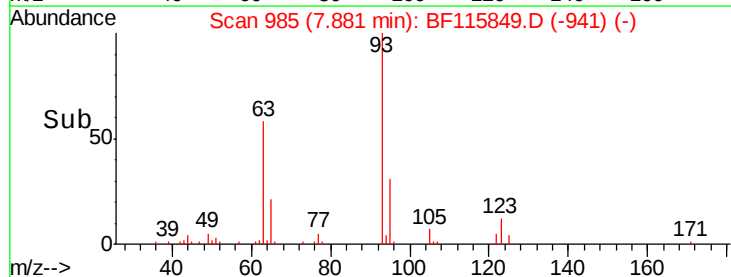
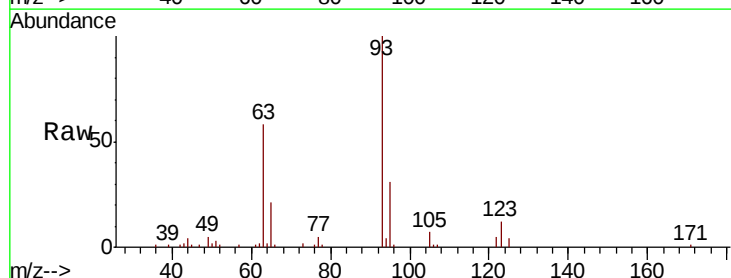
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

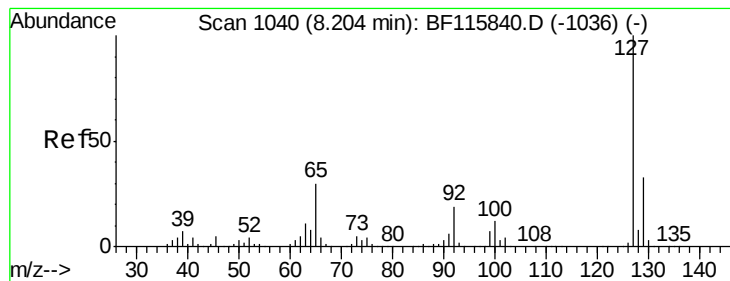
Tgt Ion:128 Resp: 138226
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.0 11.0 16.4



#32
Benzoic acid
Concen: 1.284 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:122 Resp: 6181
Ion Ratio Lower Upper
122 100
105 131.0 103.1 143.1
77 91.4 76.8 116.8





#33

4-Chloroaniline

Concen: 5.138 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion:127 Resp: 55612

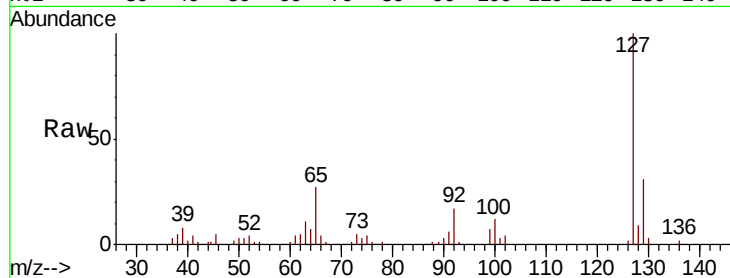
Ion Ratio Lower Upper

127 100

129 30.6 26.0 39.0

65 27.0 23.9 35.9

92 17.4 14.9 22.3

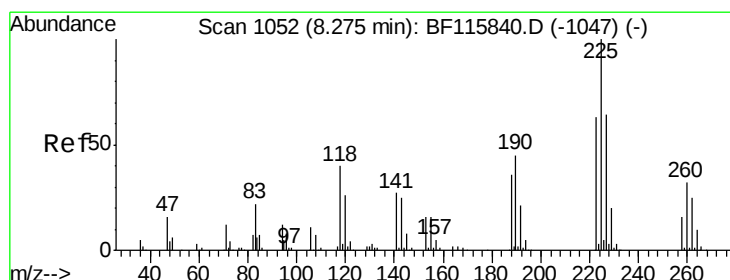
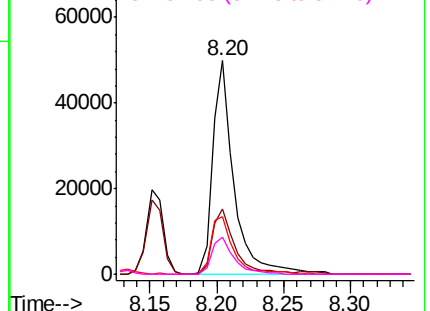
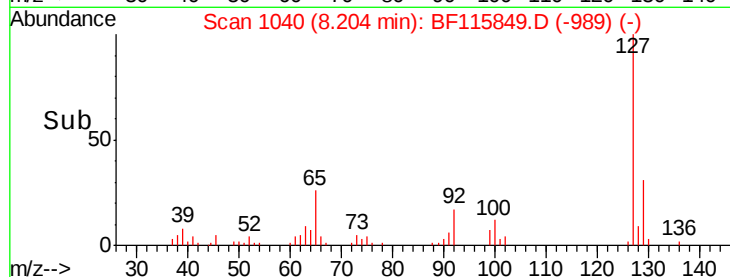


Abundance Ion 127.00 (126.70 to 127.70): E

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: 4.852 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

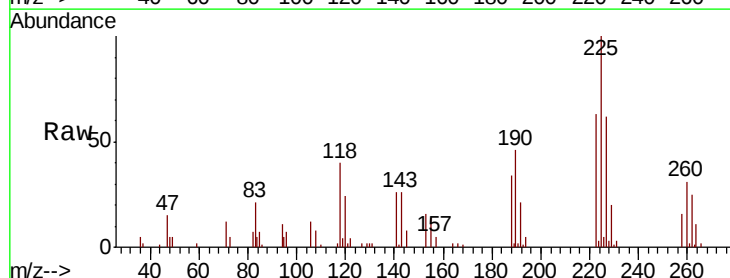
Tgt Ion:225 Resp: 22970

Ion Ratio Lower Upper

225 100

223 62.5 50.4 75.6

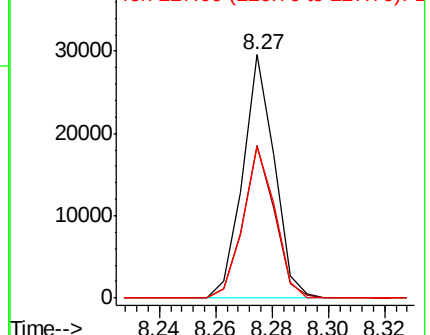
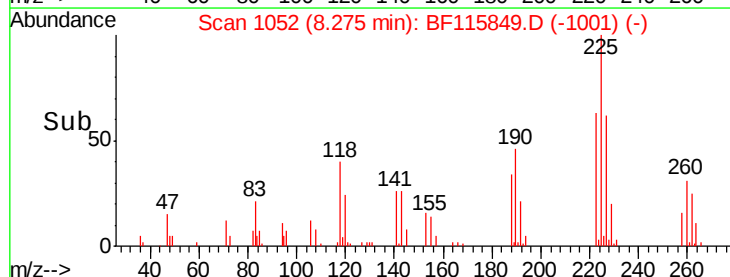
227 64.8 51.6 77.4



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

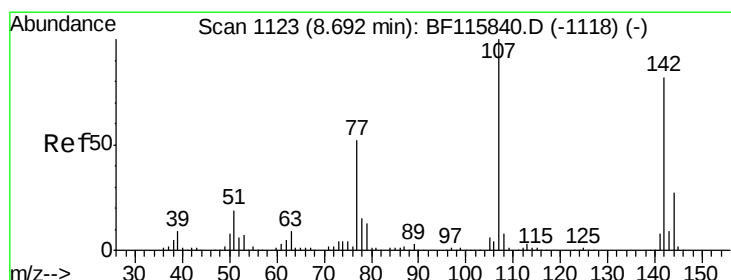
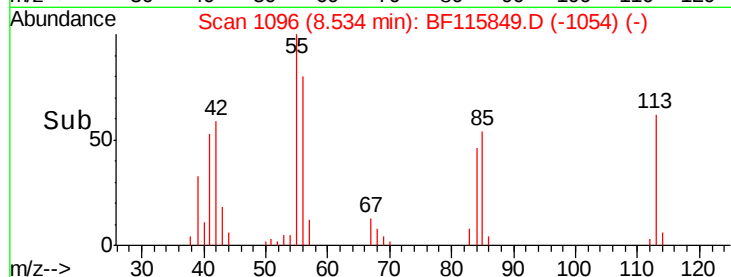
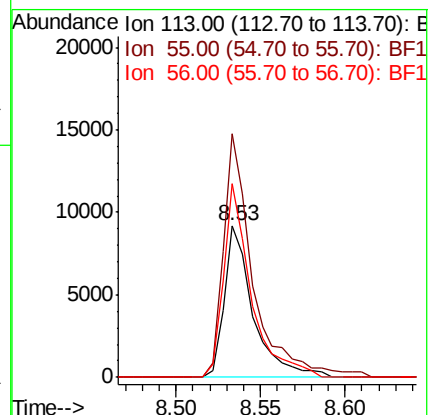
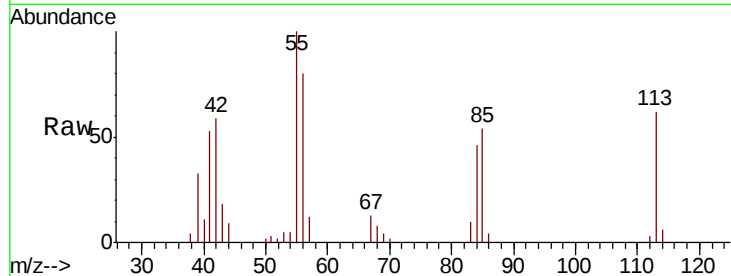




#35
 Caprolactam
 Concen: 4.687 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

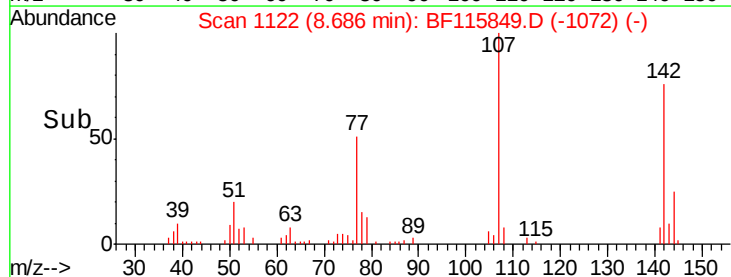
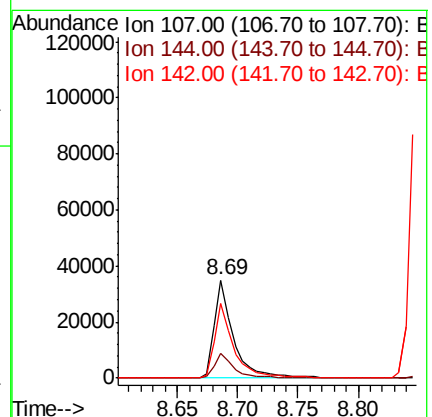
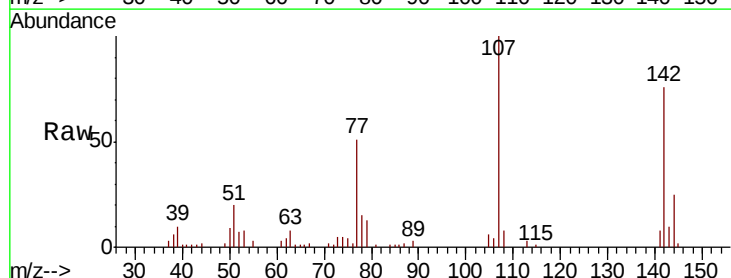
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

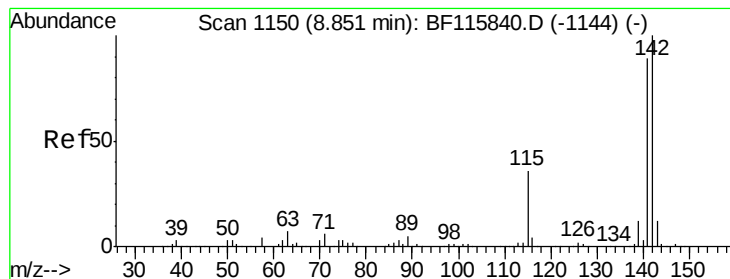
Tgt Ion:113 Resp: 10929
 Ion Ratio Lower Upper
 113 100
 55 160.6 138.1 178.1
 56 128.0 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 5.120 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:107 Resp: 38403
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.4 32.0
 142 76.0 65.5 98.3





#37

2-Methylnaphthalene

Concen: 5.725 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

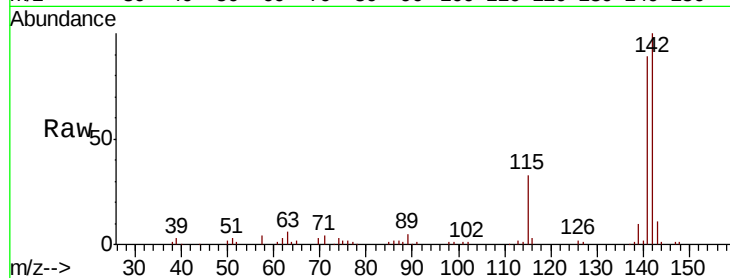
Tgt Ion:142 Resp: 91339

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

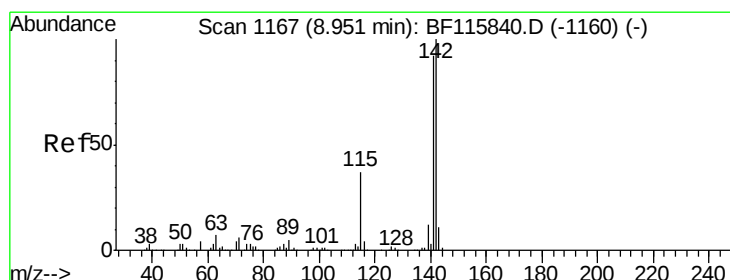
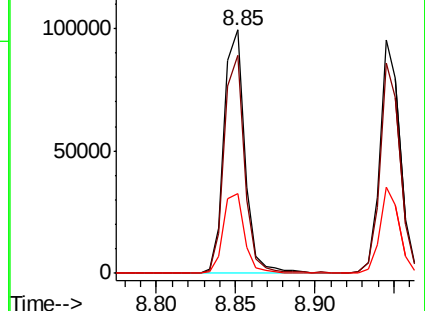
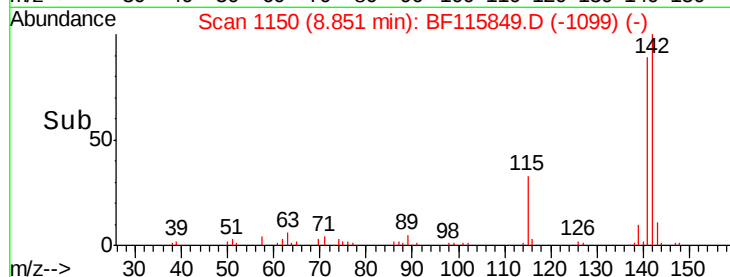
115 32.9 28.9 43.3



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: 5.687 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

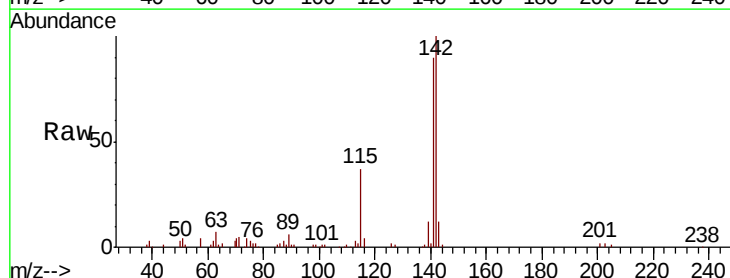
Tgt Ion:142 Resp: 85824

Ion Ratio Lower Upper

142 100

141 90.1 73.8 110.6

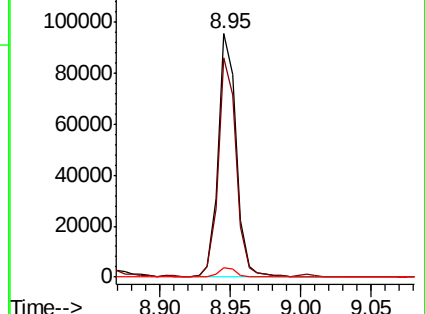
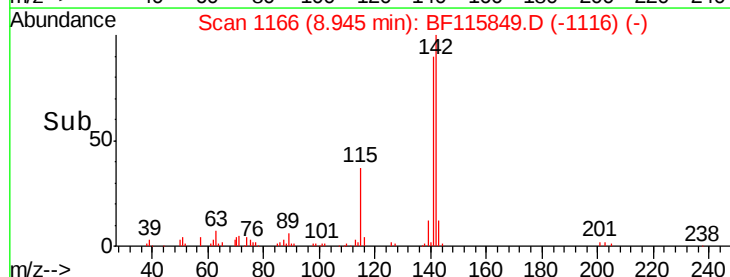
116 3.8 3.1 4.7



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

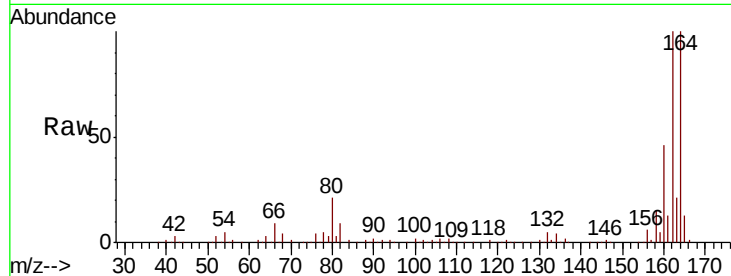




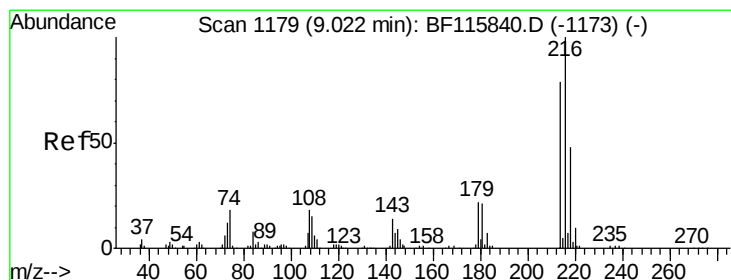
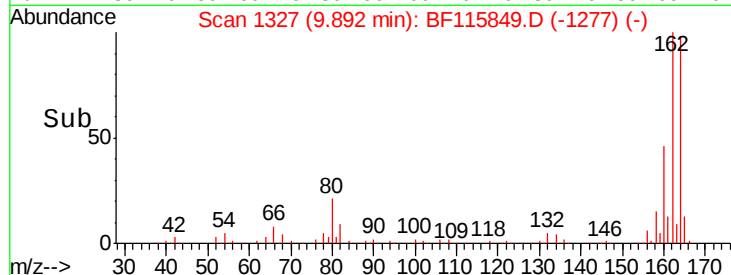
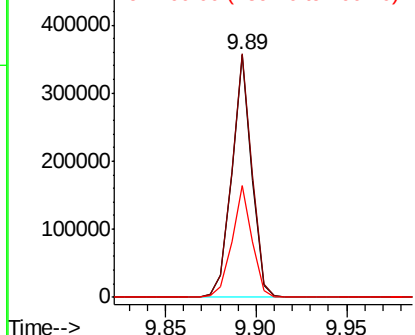
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:164 Resp: 271617
Ion Ratio Lower Upper
164 100
162 100.3 80.8 121.2
160 45.8 36.2 54.4

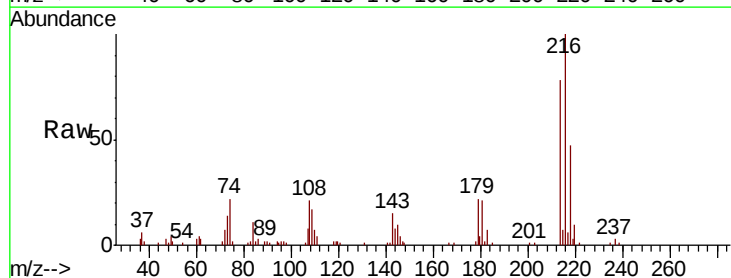


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

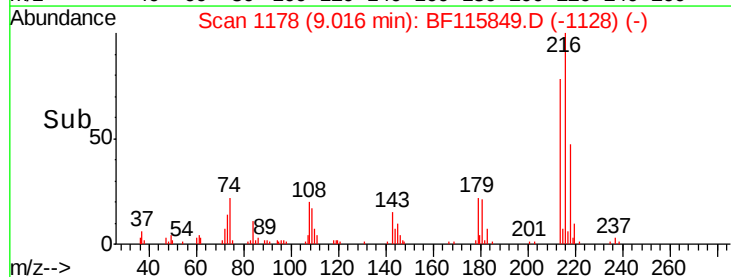
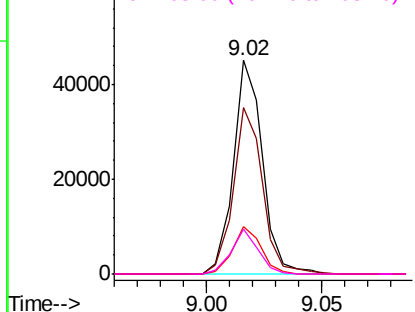


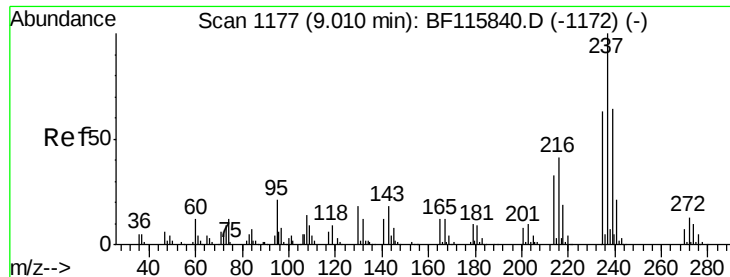
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.452 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:216 Resp: 39587
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 21.4 17.6 26.4
108 19.6 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: 1.906 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

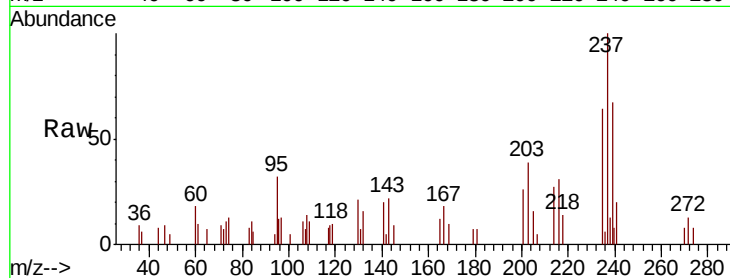
Tgt Ion: 237 Resp: 5411

Ion Ratio Lower Upper

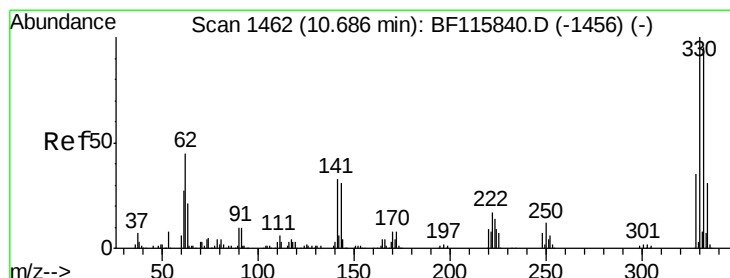
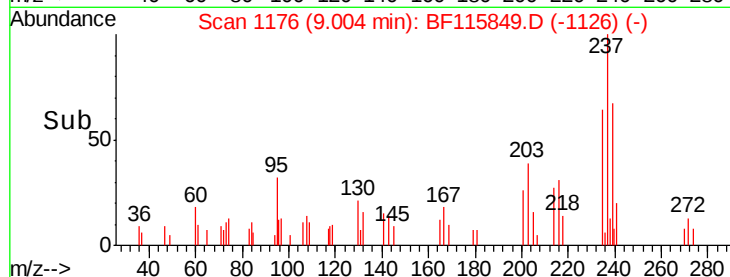
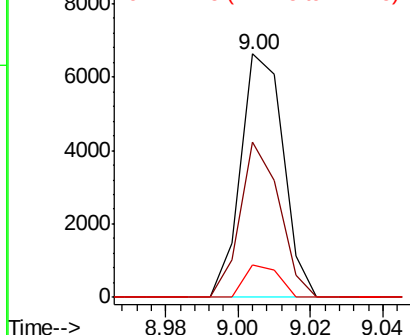
237 100

235 63.9 42.5 82.5

272 13.1 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: 122.756 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

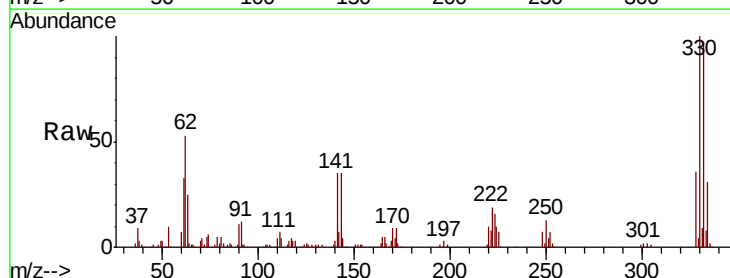
Tgt Ion: 330 Resp: 323265

Ion Ratio Lower Upper

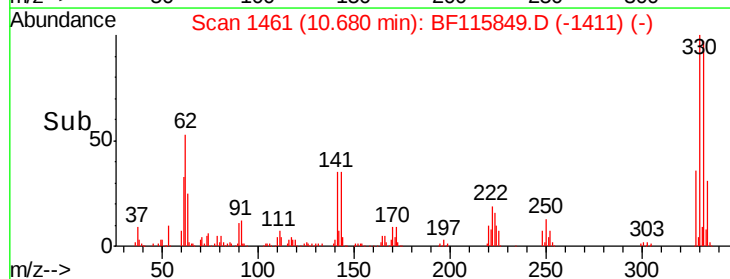
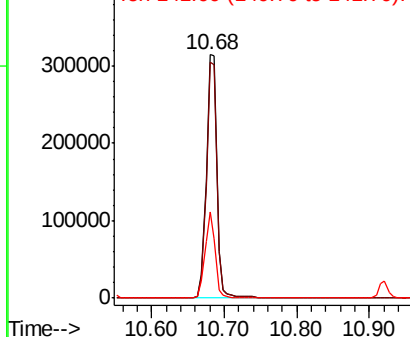
330 100

332 96.1 77.7 116.5

141 33.5 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

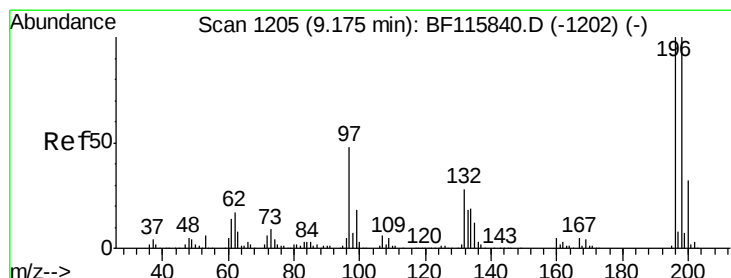
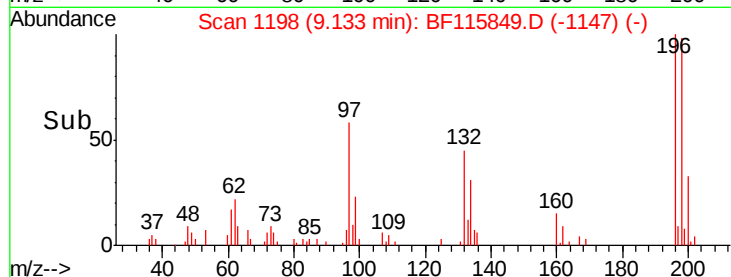
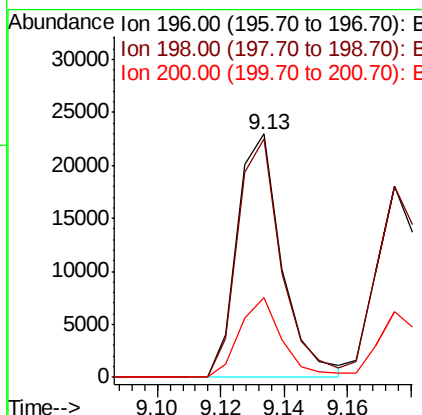
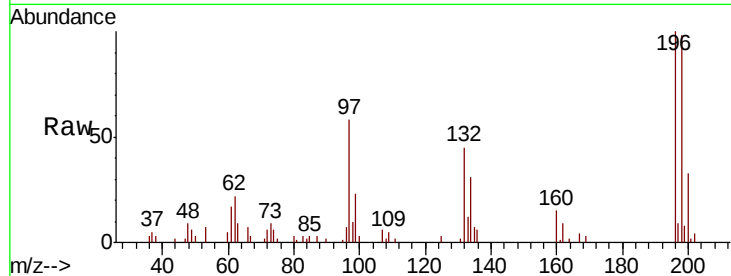




#43
 2,4,6-Trichlorophenol
 Concen: 4.467 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

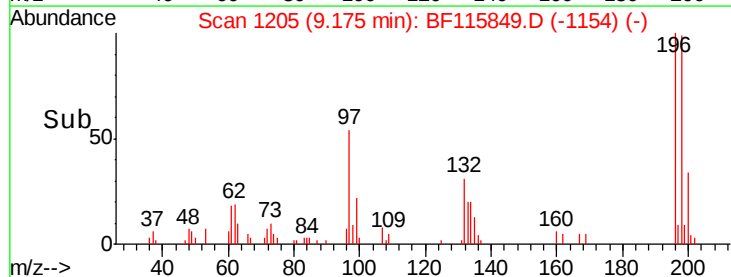
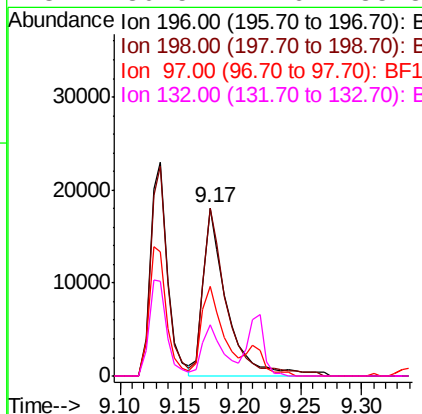
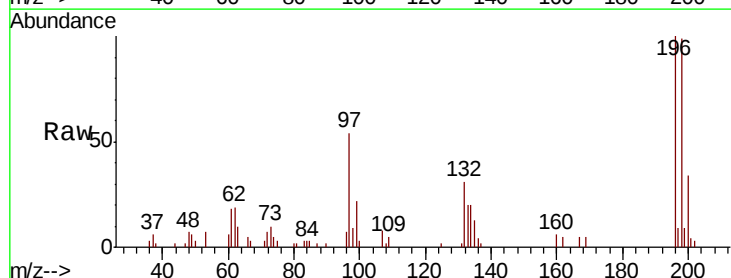
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

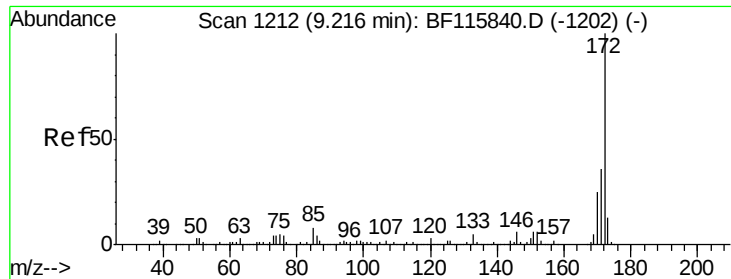
Tgt Ion:196 Resp: 22325
 Ion Ratio Lower Upper
 196 100
 198 98.0 79.1 118.7
 200 32.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 4.788 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:196 Resp: 24738
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.1 120.1
 97 53.6 38.9 58.3
 132 30.5 22.6 33.8

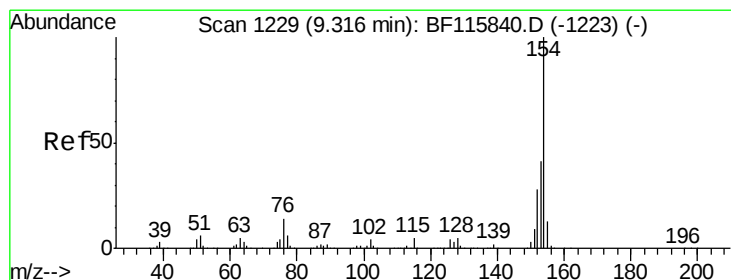
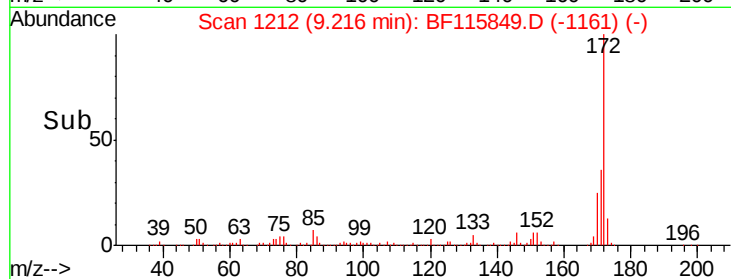
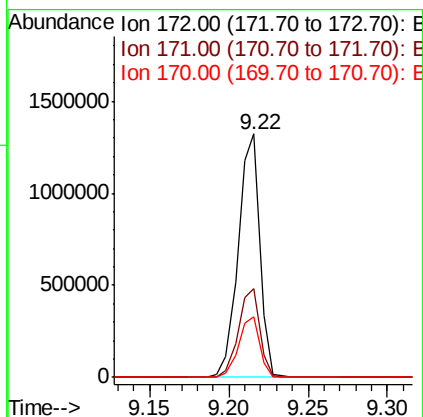
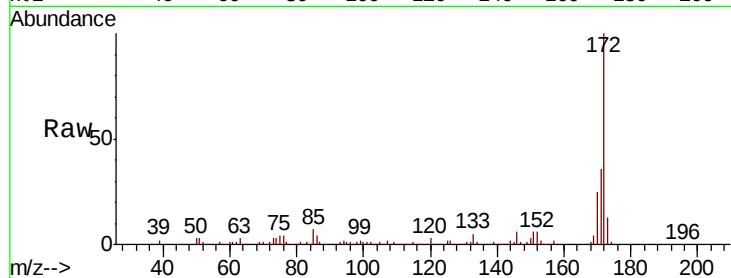




#45
 2-Fluorobiphenyl
 Concen: 85.786 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

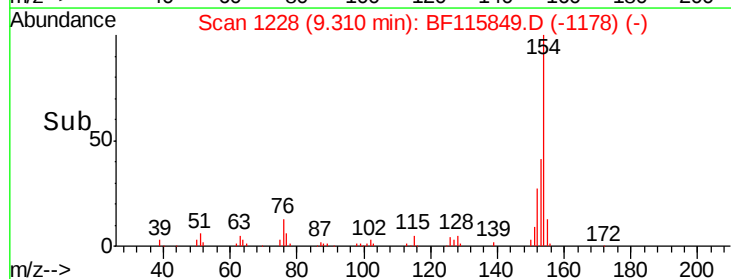
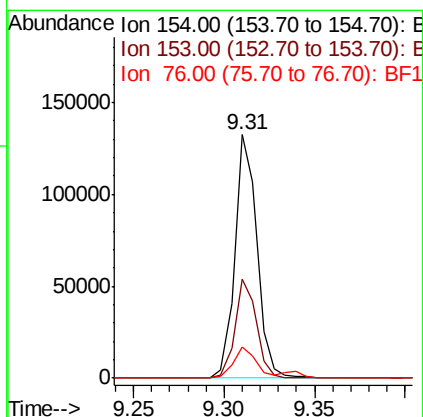
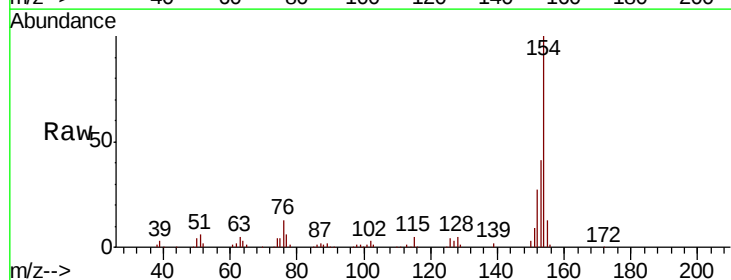
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

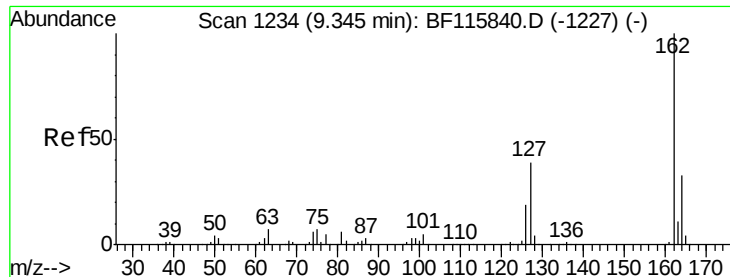
Tgt Ion:172 Resp: 1243989
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 25.0 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 5.863 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:154 Resp: 112437
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 13.0 0.0 34.3

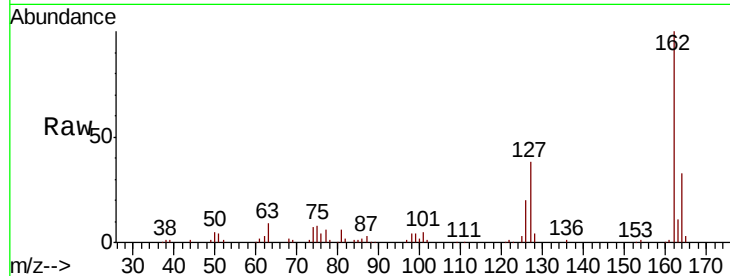




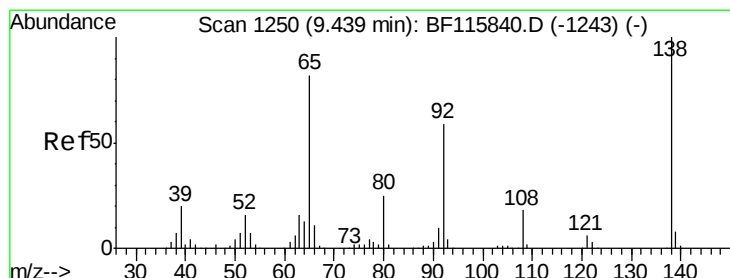
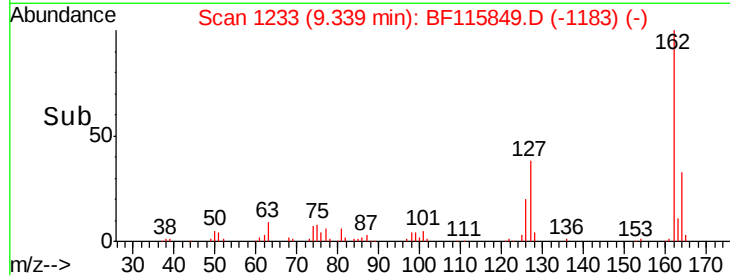
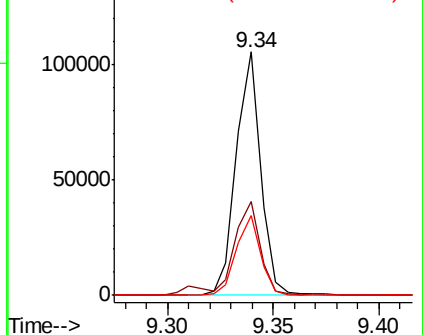
#47
 2-Chloronaphthalene
 Concen: 5.272 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.3	46.9
164	32.8	26.6	40.0

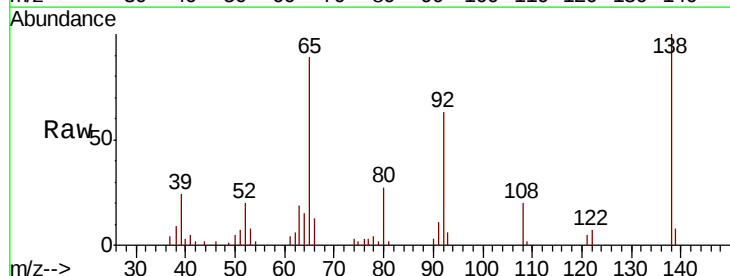


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

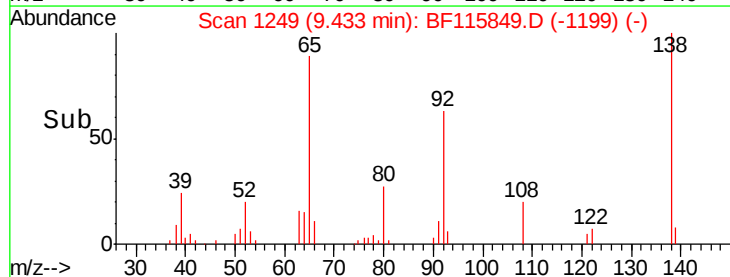
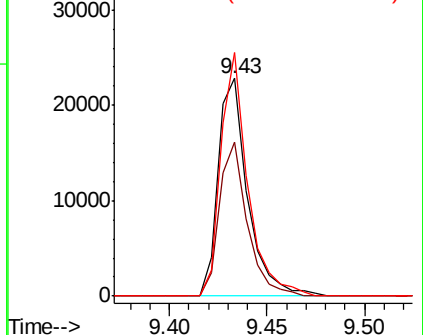


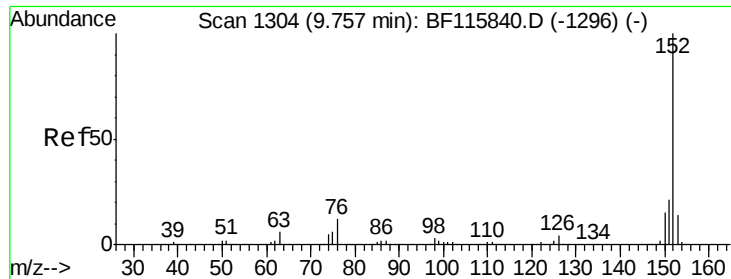
#48
 2-Nitroaniline
 Concen: 4.540 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.1	85.7
138	111.8	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: 5.648 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

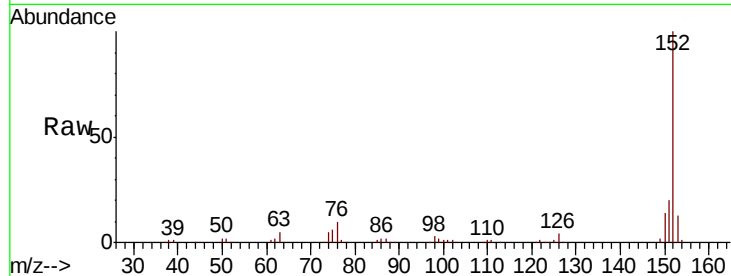
Tgt Ion:152 Resp: 131506

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

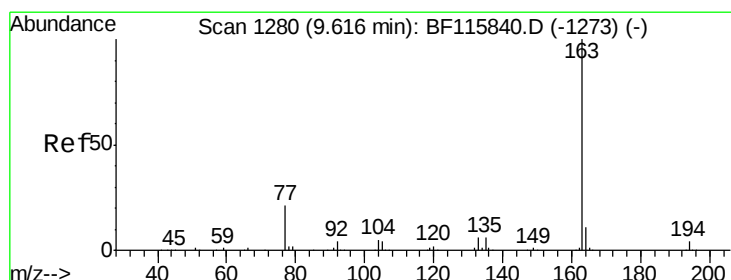
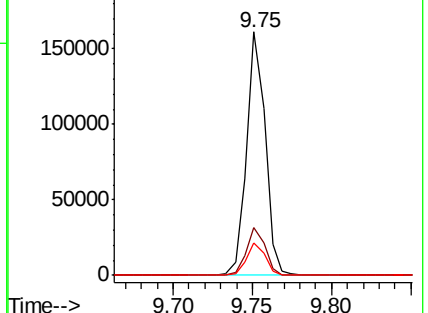
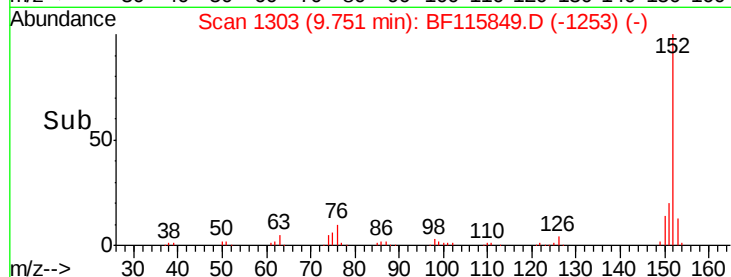
153 13.5 11.6 17.4



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: 5.021 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

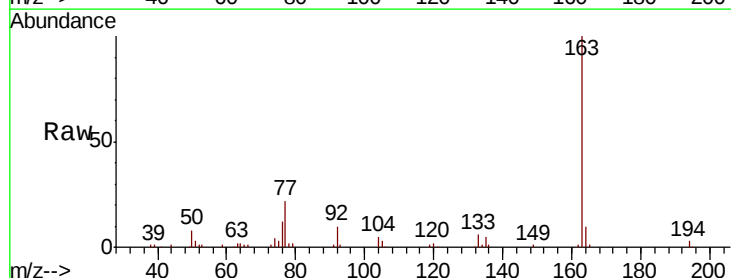
Tgt Ion:163 Resp: 92861

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.6

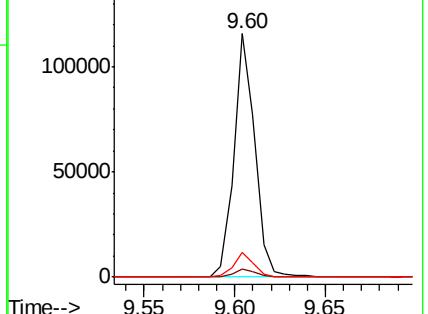
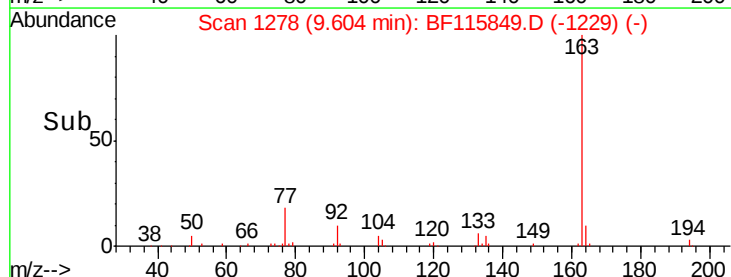
164 10.3 8.4 12.6

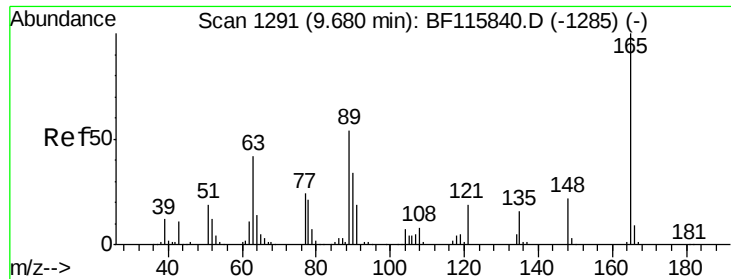


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 4.804 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

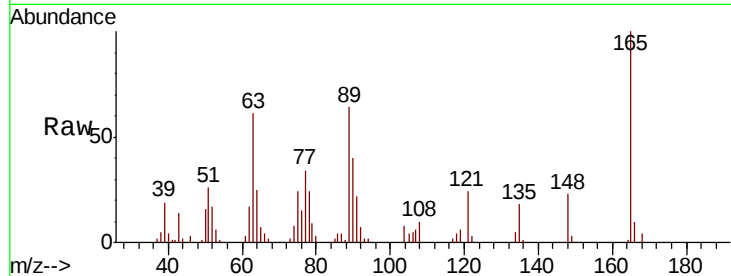
Tgt Ion:165 Resp: 19309

Ion Ratio Lower Upper

165 100

63 60.5 39.4 59.2#

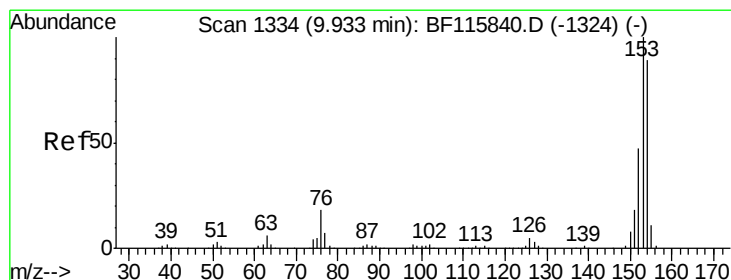
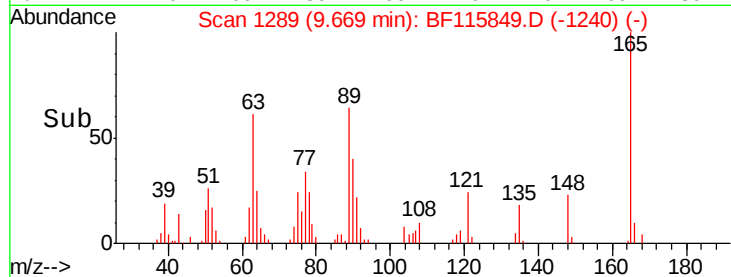
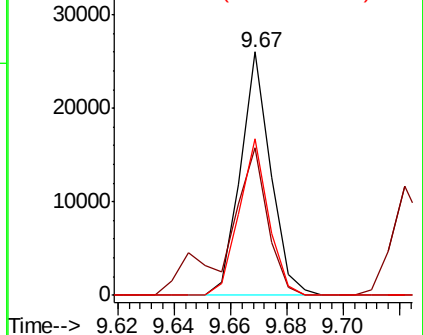
89 64.1 43.0 64.6



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: 5.590 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

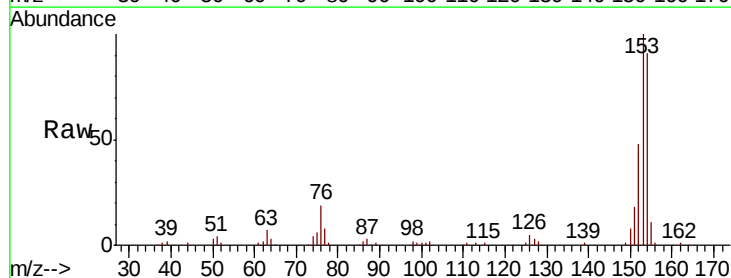
Tgt Ion:154 Resp: 79847

Ion Ratio Lower Upper

154 100

153 109.8 90.1 135.1

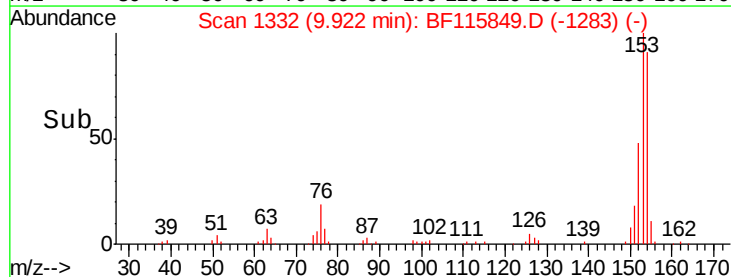
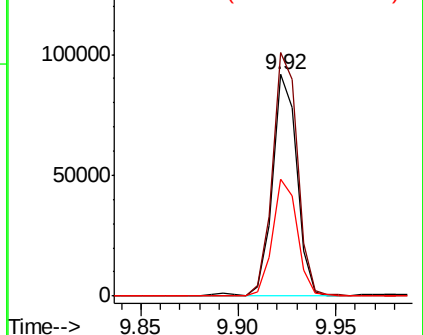
152 52.7 42.6 63.8

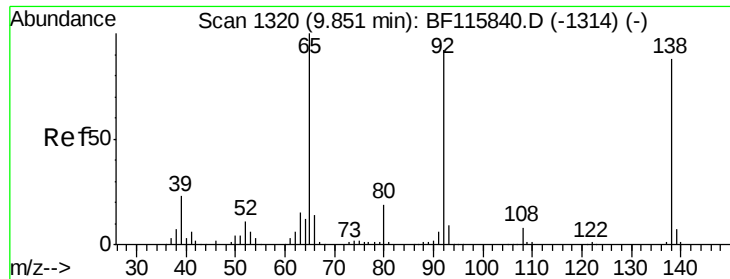


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

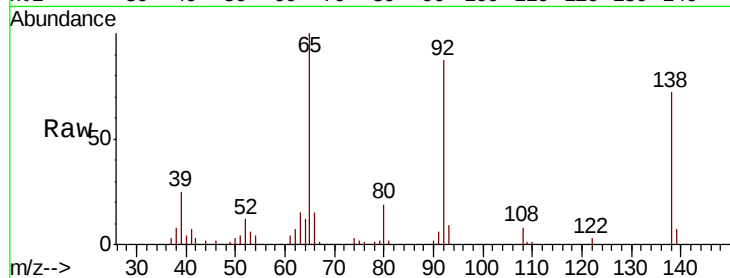




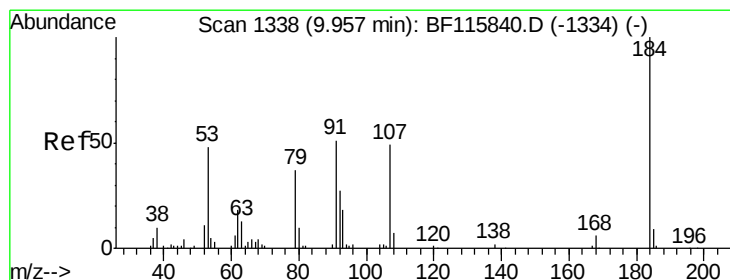
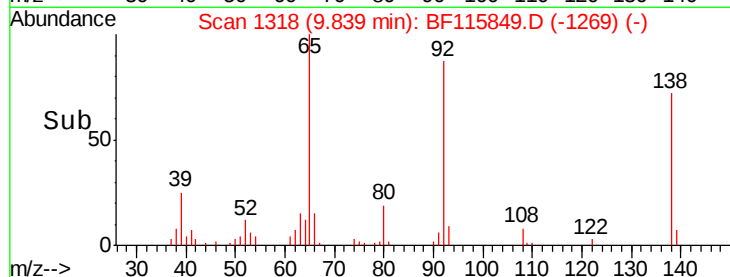
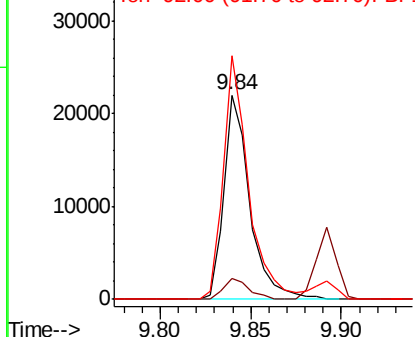
#53
3-Nitroaniline
Concen: 4.418 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:138 Resp: 21939
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 119.3 83.9 125.9

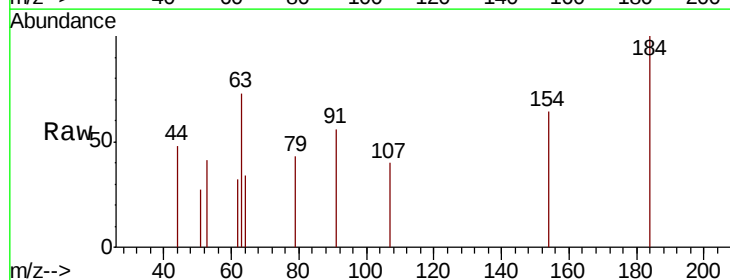


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

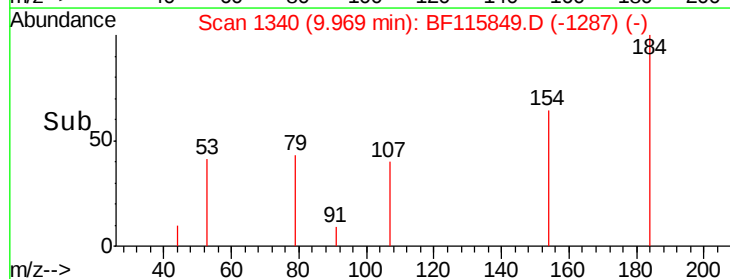
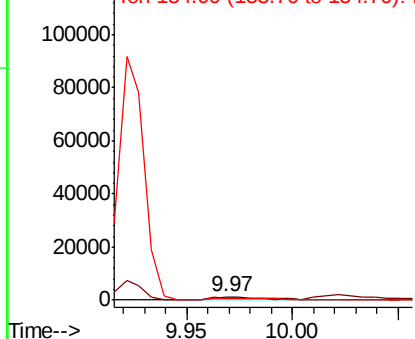


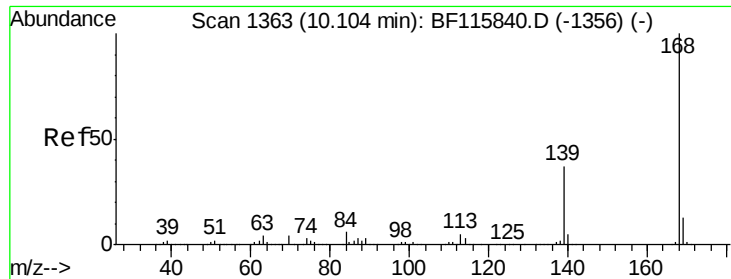
#54
2,4-Dinitrophenol
Concen: 1.163 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:184 Resp: 1985
Ion Ratio Lower Upper
184 100
63 73.0 56.7 85.1
154 63.9 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

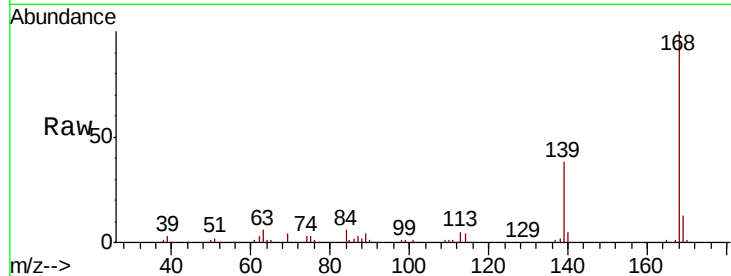




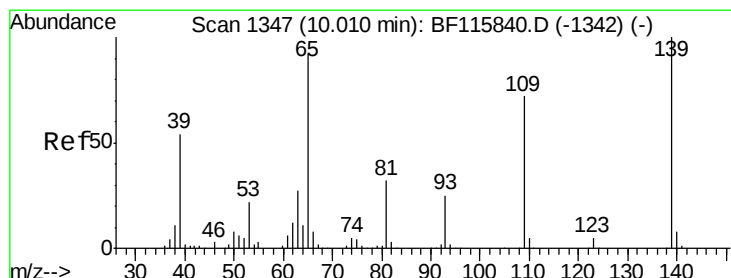
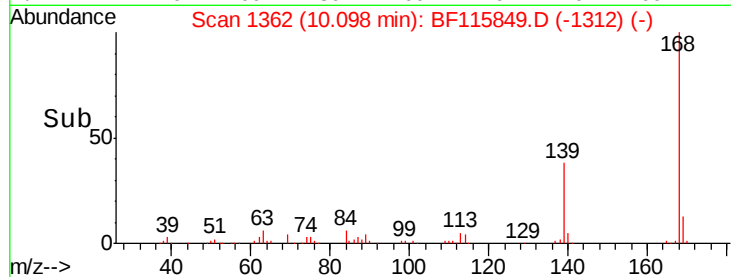
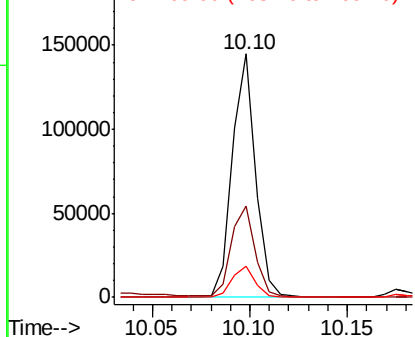
#55
Dibenzenofuran
Concen: 5.747 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion:168 Resp: 119383
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.2
169 12.9 10.8 16.2

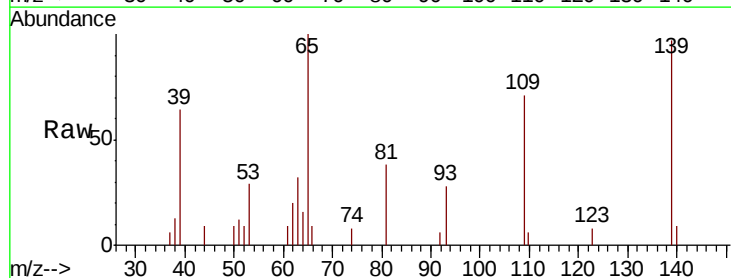


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

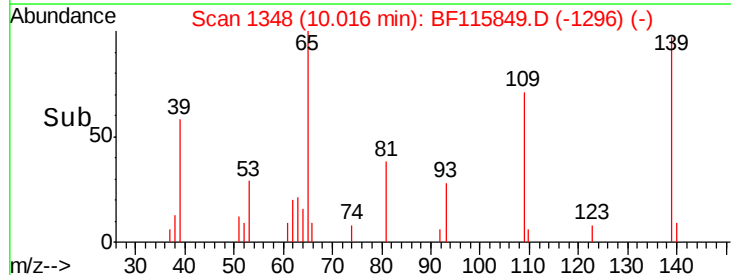
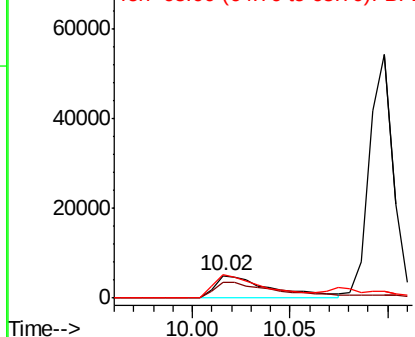


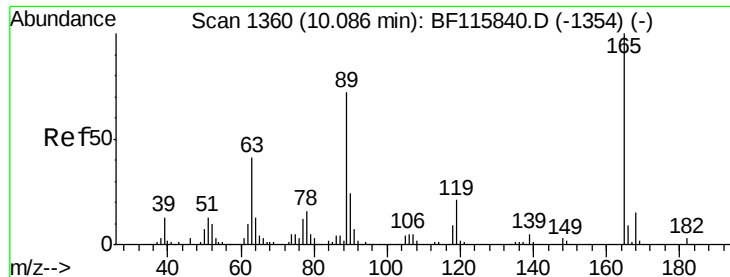
#56
4-Nitrophenol
Concen: 3.189 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:139 Resp: 10144
Ion Ratio Lower Upper
139 100
109 72.7 52.0 92.0
65 103.0 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: 4.534 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tgt Ion:165 Resp: 24261

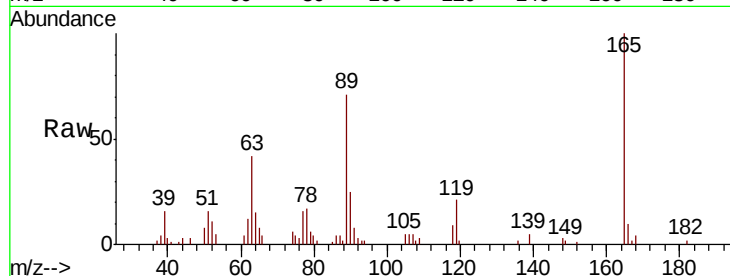
Ion Ratio Lower Upper

165 100

63 42.1 33.2 49.8

89 71.3 57.3 85.9

182 2.2 2.1 3.1

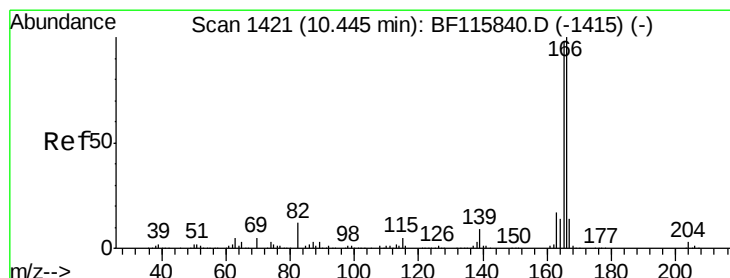
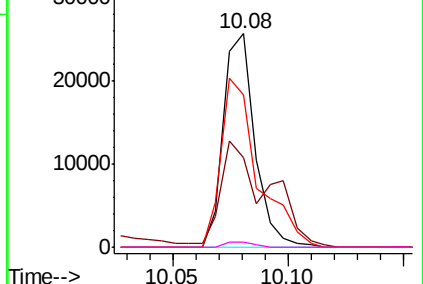
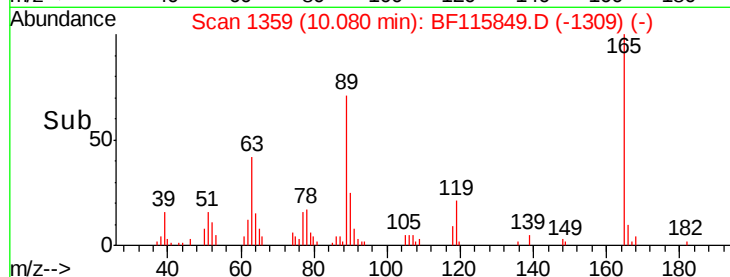


Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.832 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

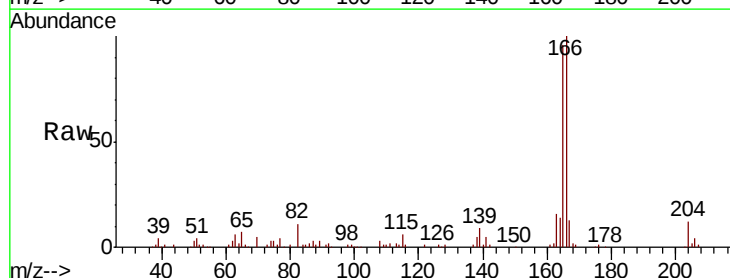
Tgt Ion:166 Resp: 93203

Ion Ratio Lower Upper

166 100

165 96.5 78.6 118.0

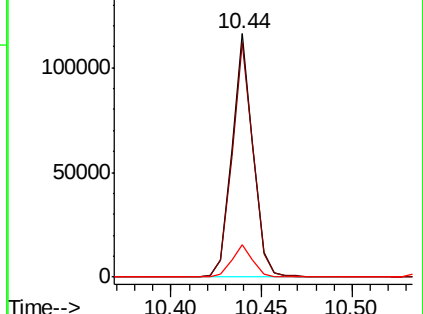
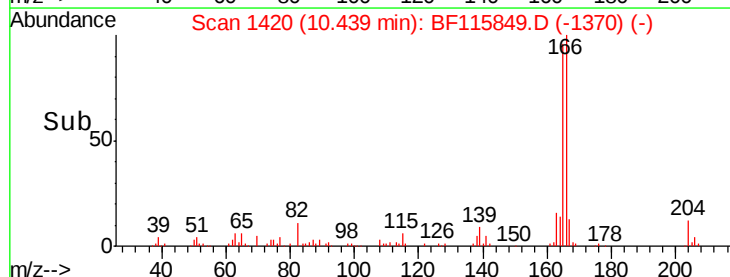
167 13.4 10.9 16.3

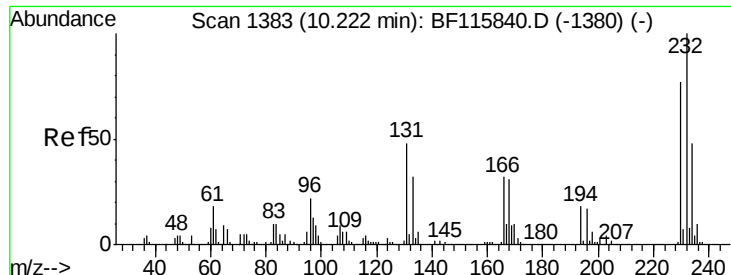


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

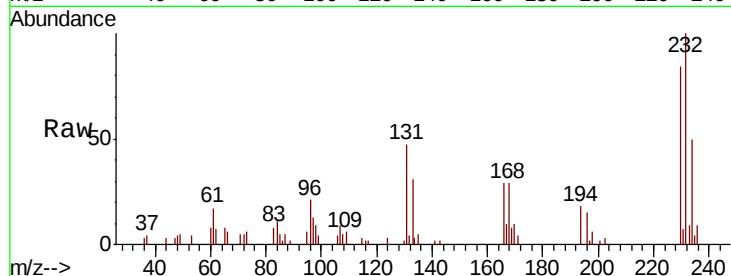




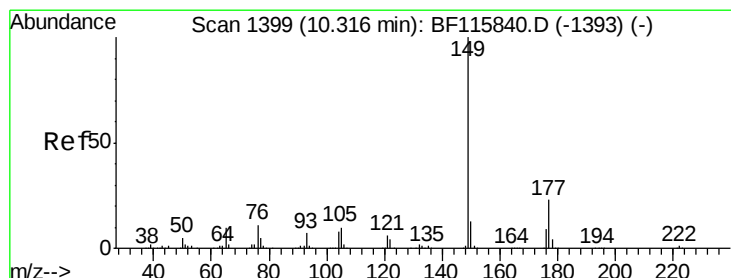
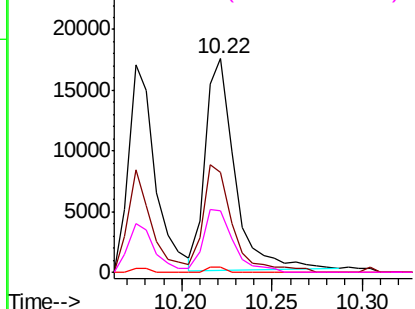
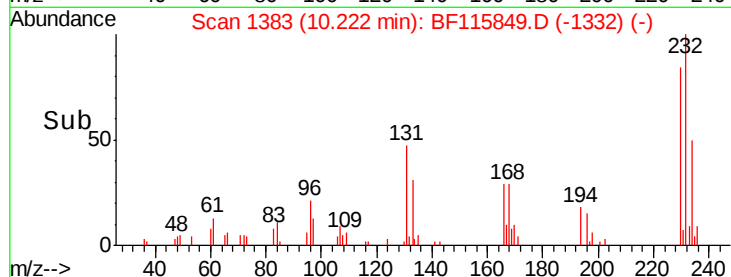
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.523 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 232 Resp: 19662
 Ion Ratio Lower Upper
 232 100
 131 50.8 37.6 56.4
 130 1.5 1.8 2.8#
 166 31.0 24.6 37.0

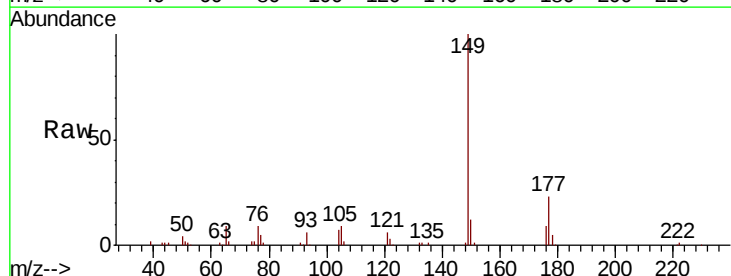


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

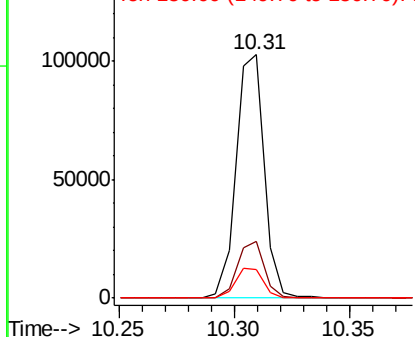
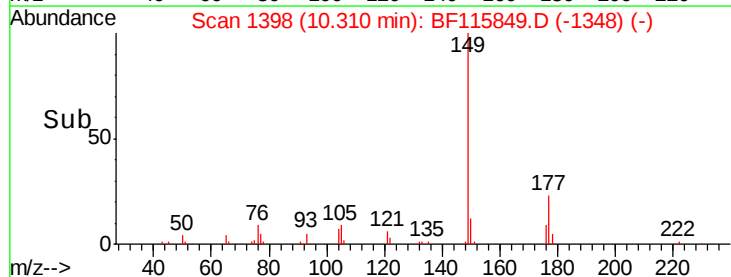


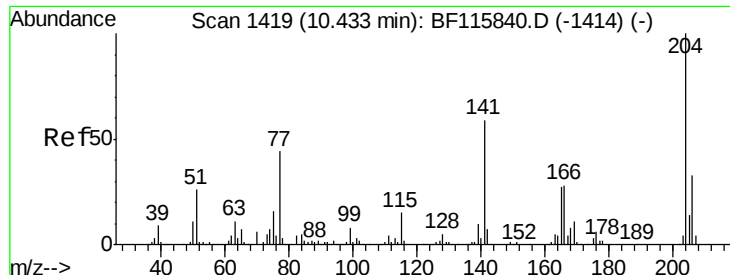
#60
 Diethylphthalate
 Concen: 5.069 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion: 149 Resp: 87532
 Ion Ratio Lower Upper
 149 100
 177 23.4 18.4 27.6
 150 11.7 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

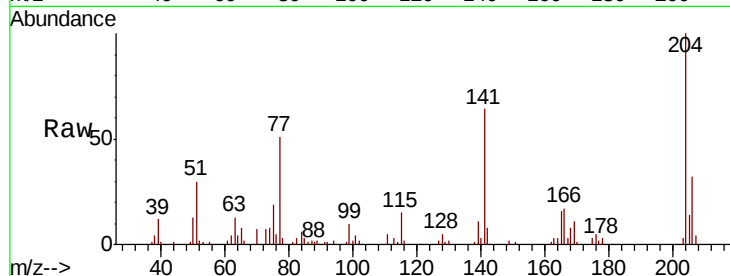




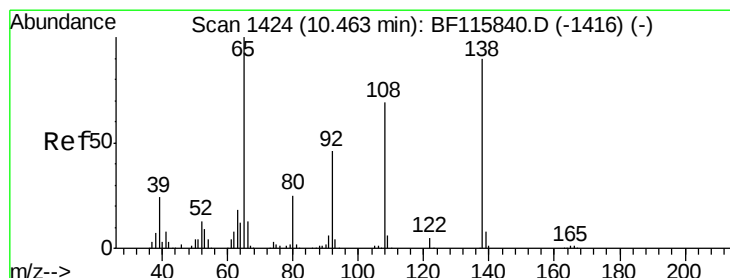
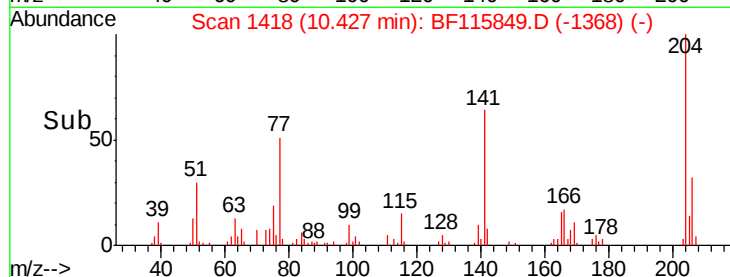
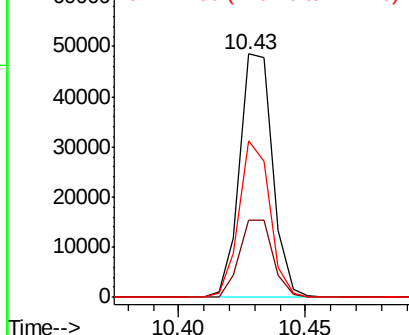
#61
 4-Chlorophenyl-phenylether
 Concen: 5.429 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 204 Resp: 43948
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.4 39.6
 141 64.3 47.0 70.4

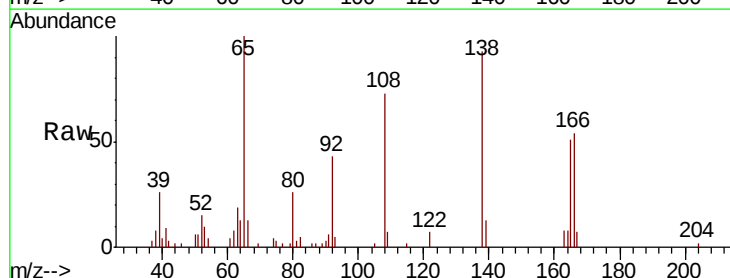


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

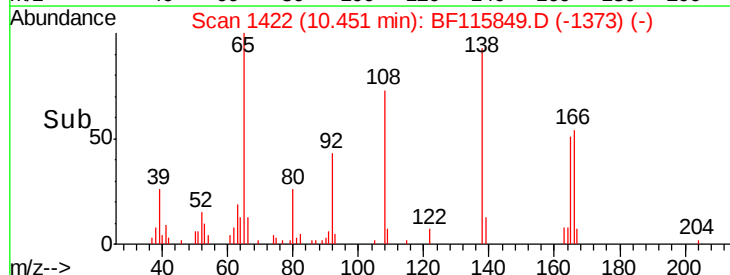
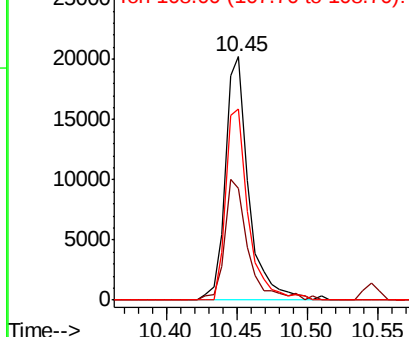


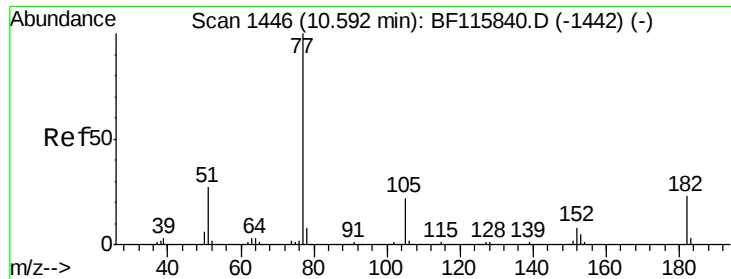
#62
 4-Nitroaniline
 Concen: 4.544 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion: 138 Resp: 23323
 Ion Ratio Lower Upper
 138 100
 92 46.1 31.0 71.0
 108 78.5 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

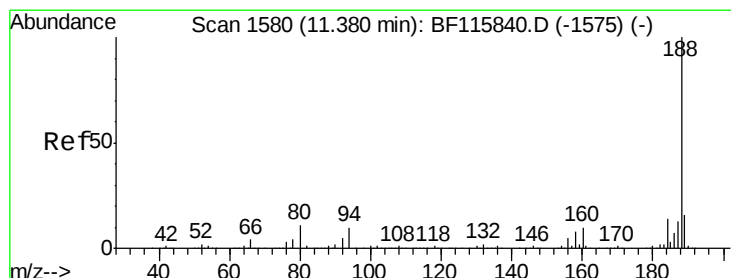
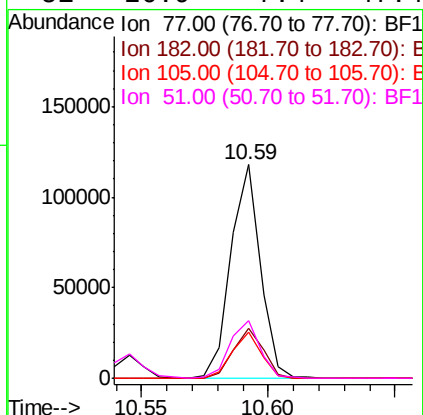
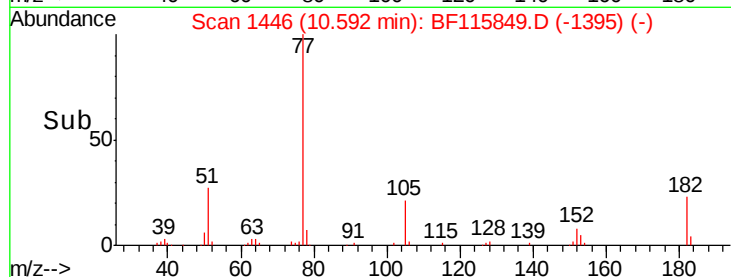
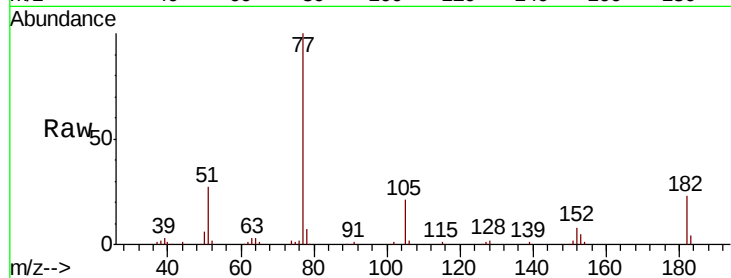




#63
Azobenzene
Concen: 5.375 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

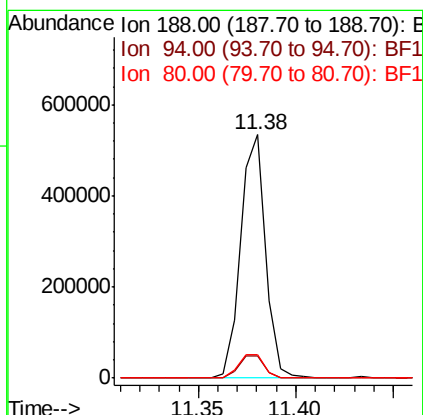
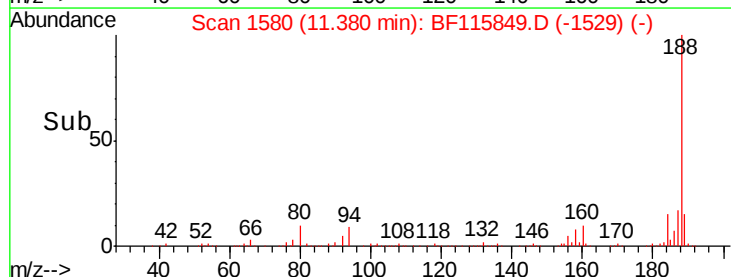
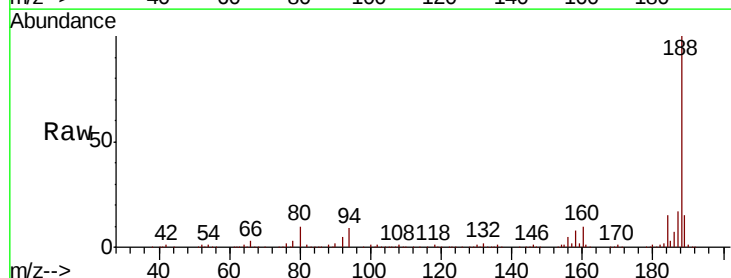
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

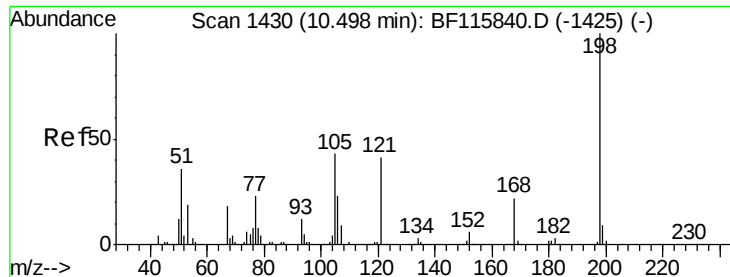
Tgt Ion: 77 Resp: 95451
Ion Ratio Lower Upper
77 100
182 23.5 2.6 42.6
105 21.4 1.6 41.6
51 26.9 7.4 47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 188 Resp: 472404
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.5 8.6 12.8

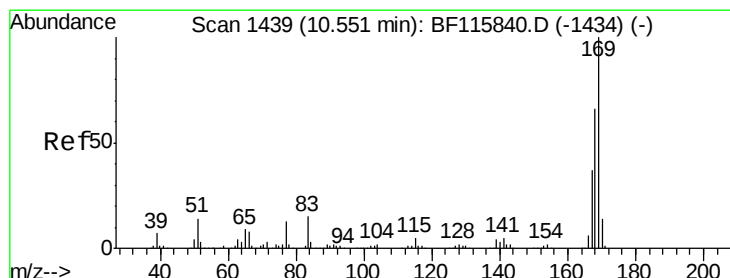
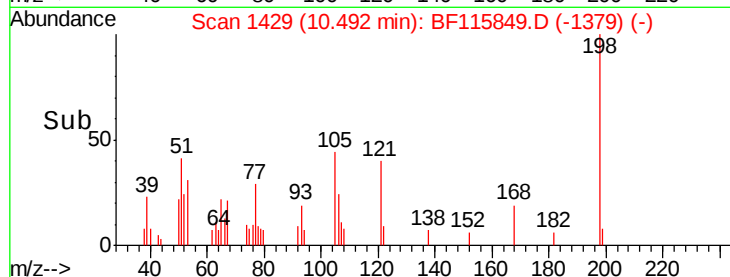
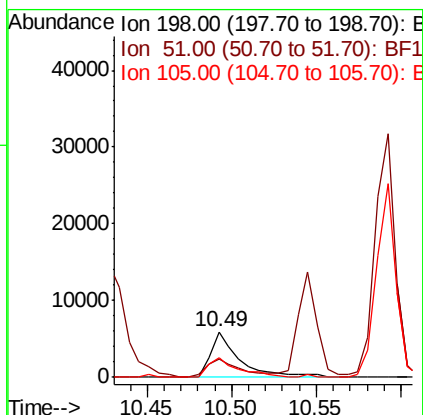
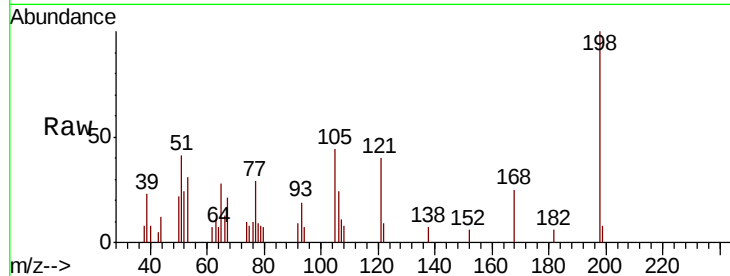




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.801 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

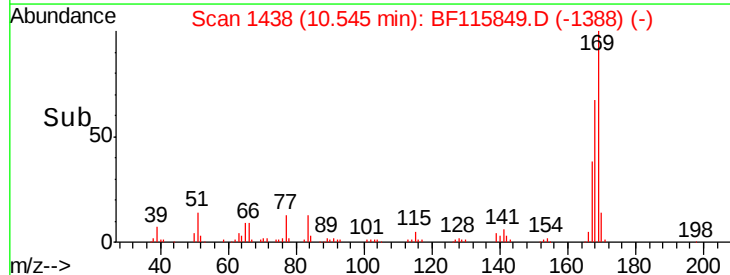
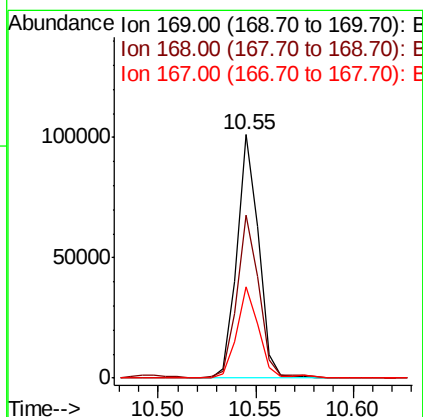
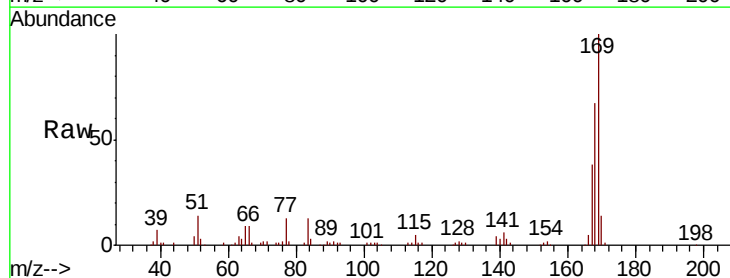
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

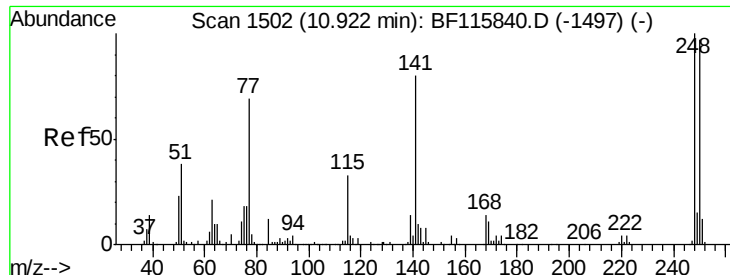
Tgt Ion:198 Resp: 7013
 Ion Ratio Lower Upper
 198 100
 51 41.4 21.1 61.1
 105 44.5 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 5.492 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:169 Resp: 78083
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.0 79.6
 167 37.6 29.9 44.9

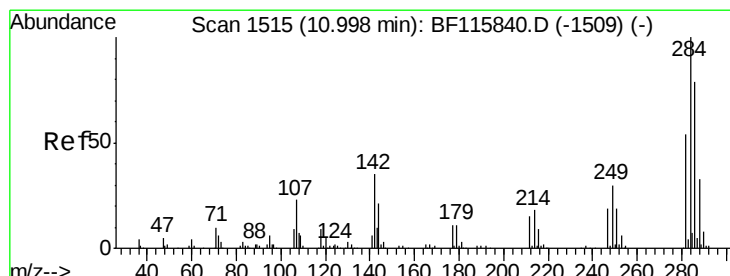
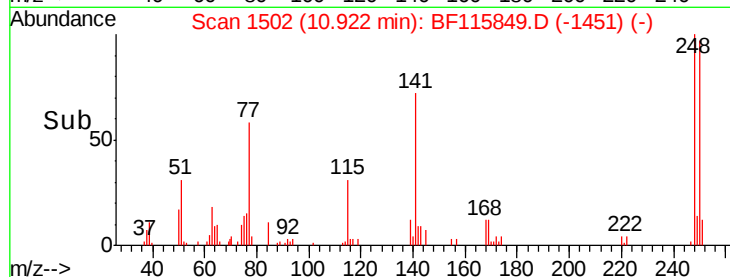
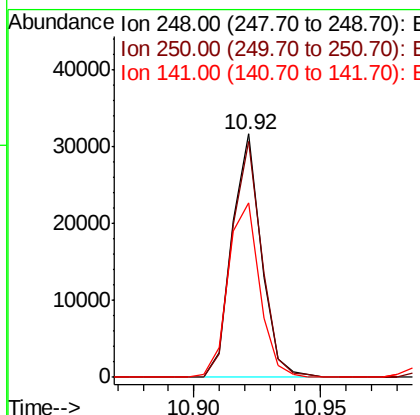
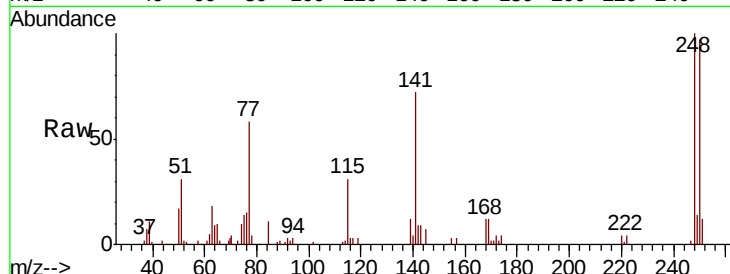




#67
 4-Bromophenyl-phenylether
 Concen: 5.011 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

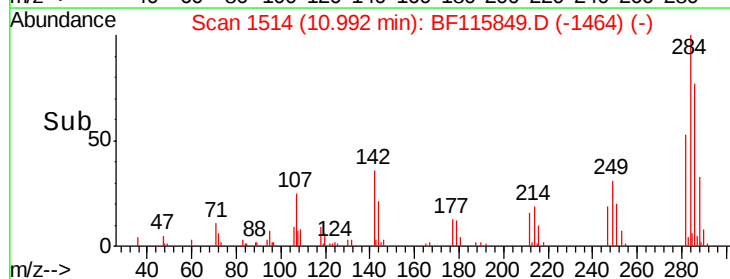
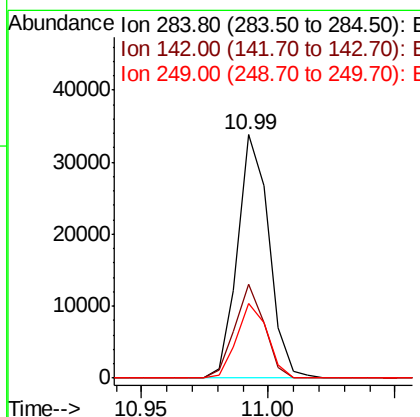
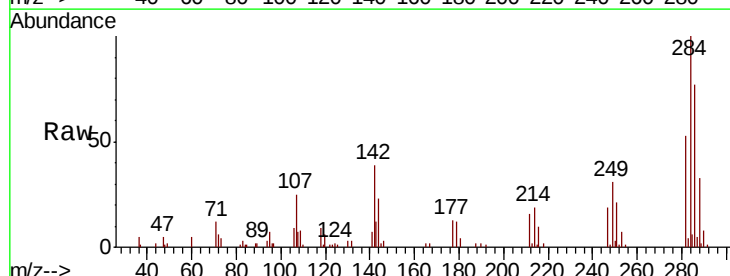
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

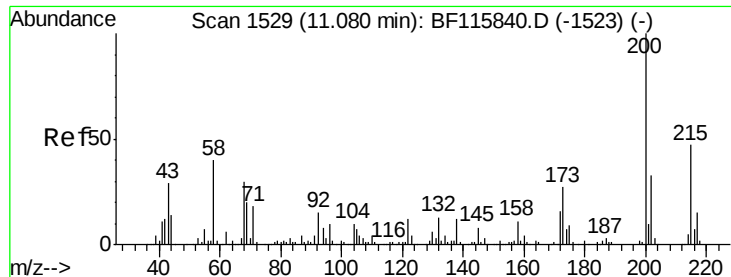
Tgt Ion:248 Resp: 25339
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.8 116.6
 141 71.5 64.3 96.5



#68
 Hexachlorobenzene
 Concen: 4.971 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion:284 Resp: 29071
 Ion Ratio Lower Upper
 284 100
 142 38.6 28.2 42.2
 249 30.8 24.0 36.0

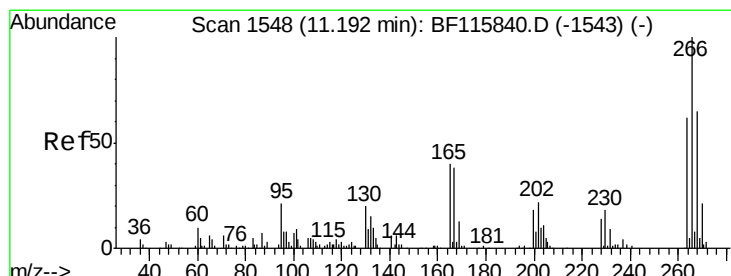
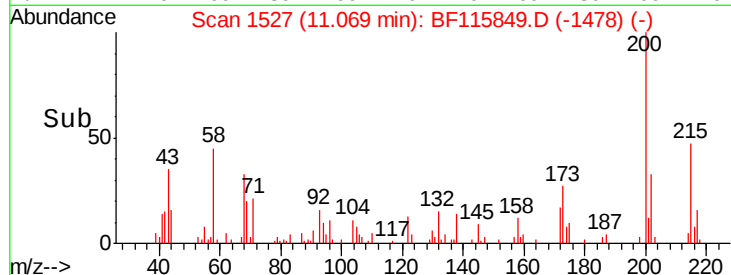
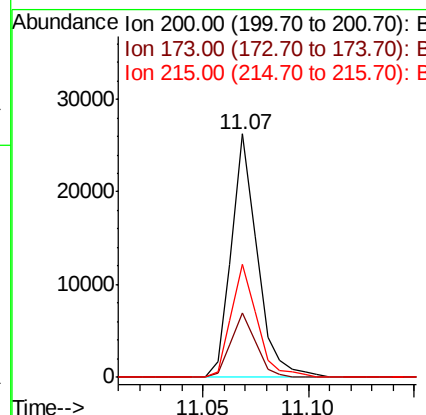
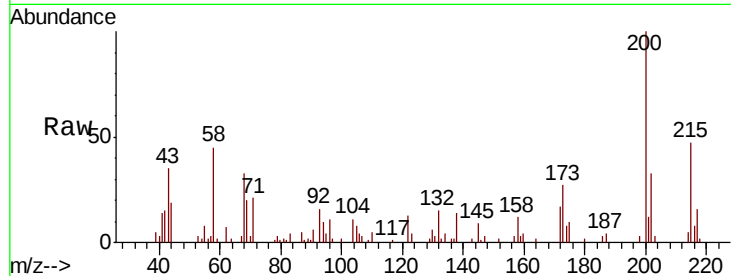




#69
Atrazine
Concen: 4.779 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

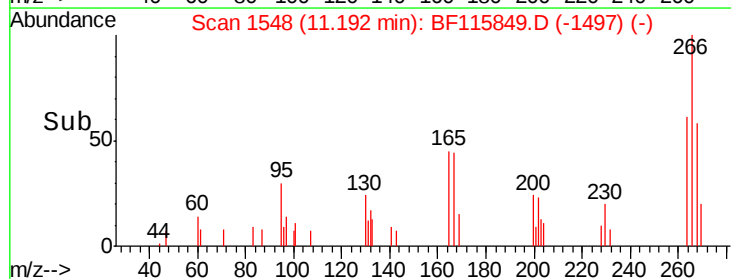
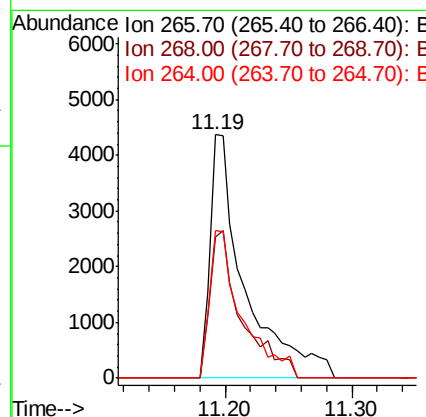
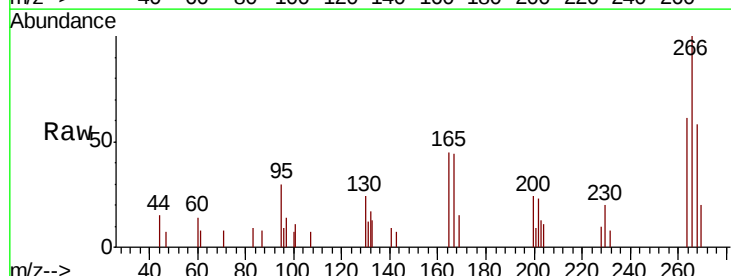
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

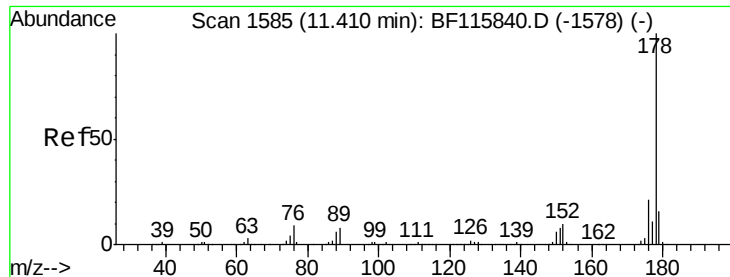
Tgt Ion:200 Resp: 22354
Ion Ratio Lower Upper
200 100
173 26.7 7.3 47.3
215 46.6 26.9 66.9



#70
Pentachlorophenol
Concen: 2.938 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion:266 Resp: 8340
Ion Ratio Lower Upper
266 100
268 57.8 51.6 77.4
264 60.8 49.4 74.0





#71

Phenanthrene

Concen: 5.764 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

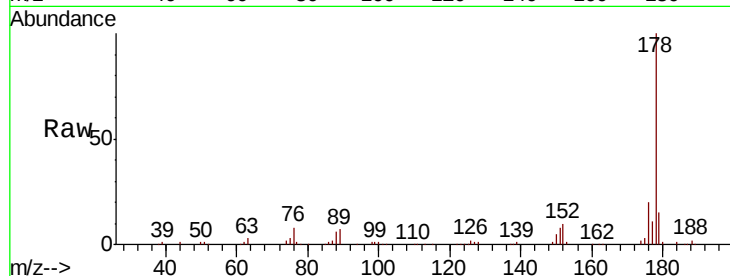
Tgt Ion:178 Resp: 139211

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

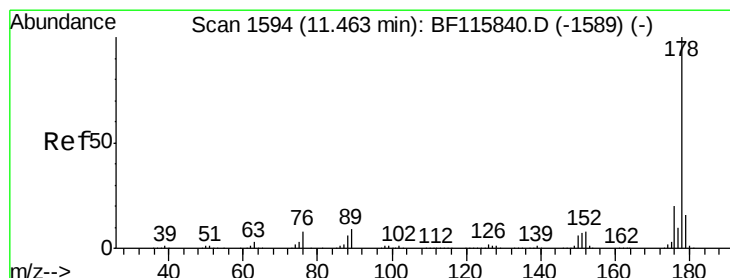
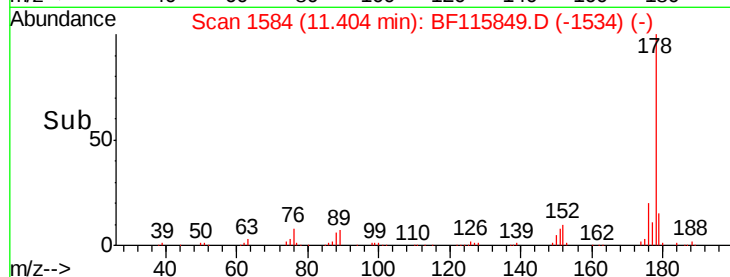
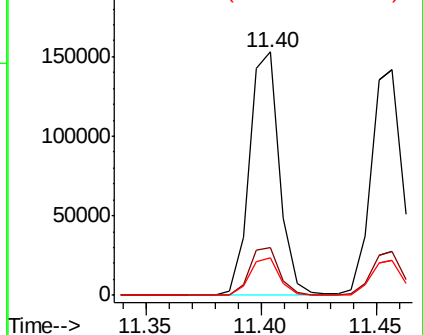
179 15.3 12.6 18.8



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: 5.672 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

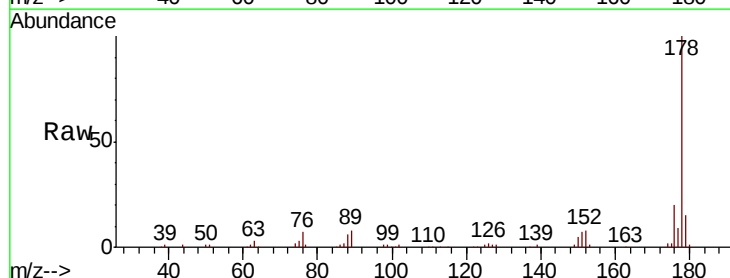
Tgt Ion:178 Resp: 138627

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

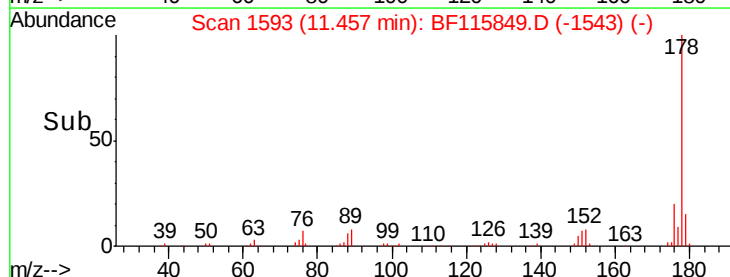
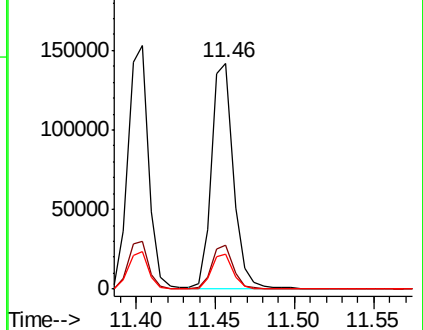
179 15.2 12.4 18.6

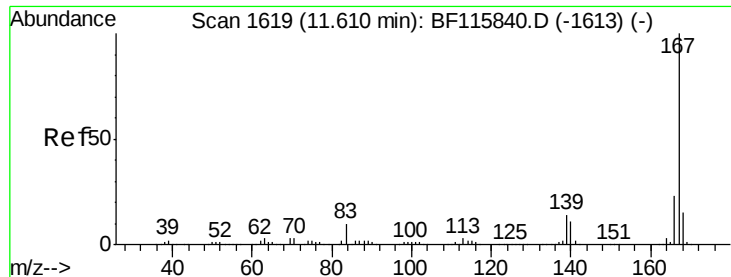


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

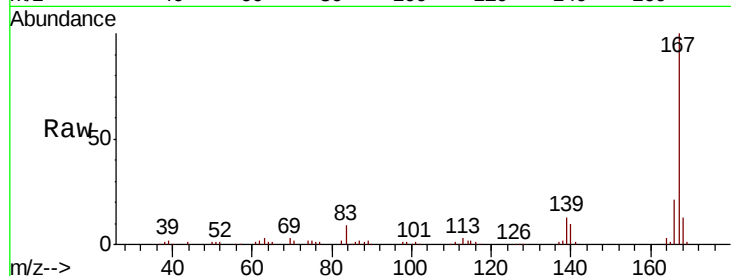




#73
 Carbazole
 Concen: 5.512 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	18.0	27.0
139	13.1	11.4	17.2

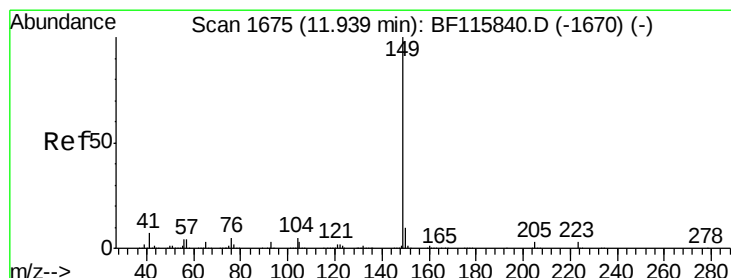
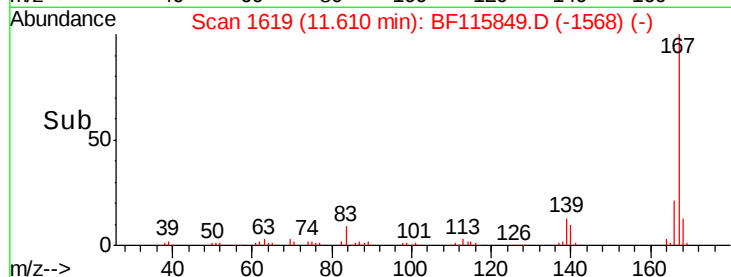
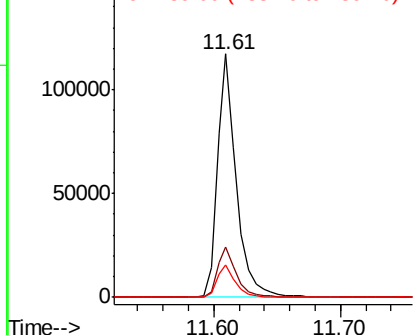


Abundance

Ion 167.00 (166.70 to 167.70): E

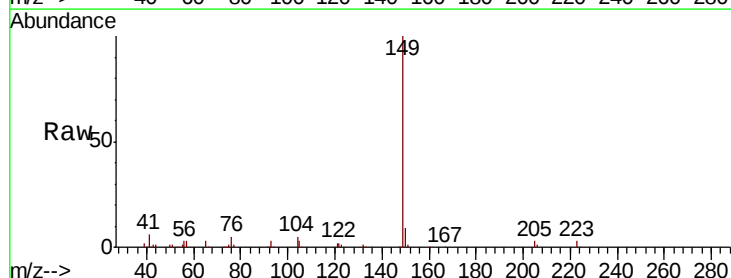
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 4.810 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.0	4.3	6.5

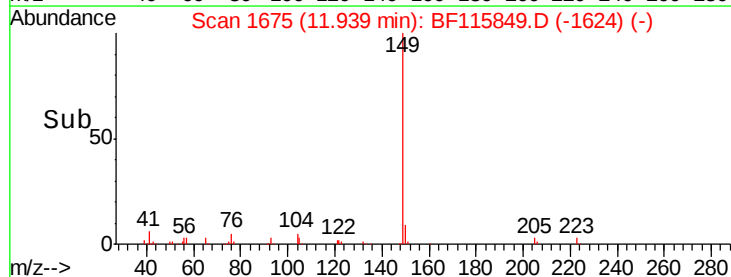
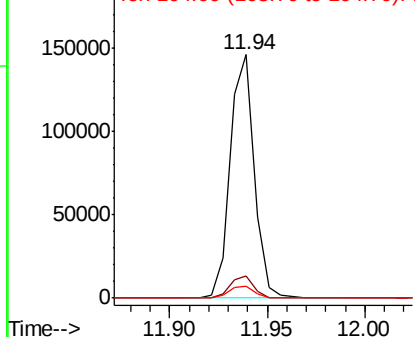


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

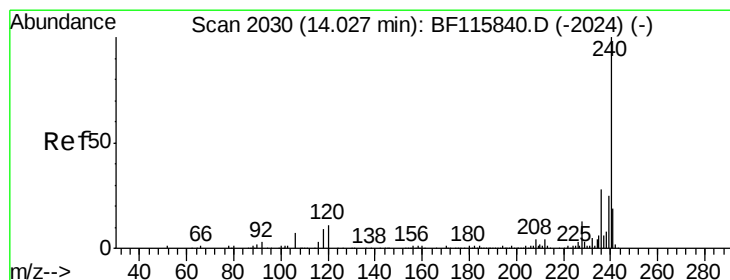
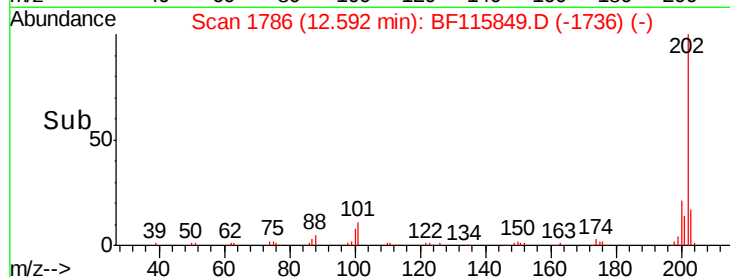
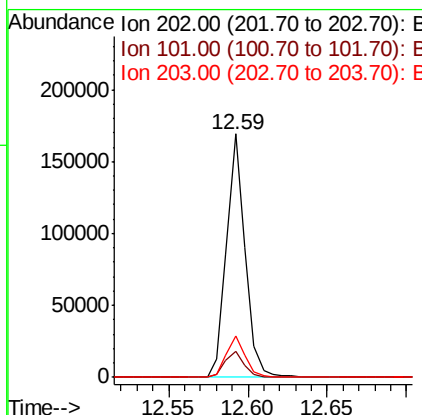
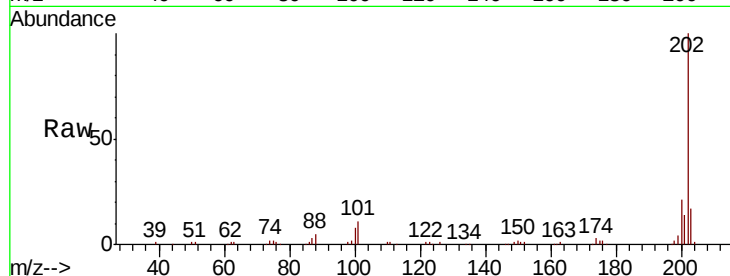




#75
 Fluoranthene
 Concen: 5.457 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115849.D
 Acq: 30 Jul 2019 18:35

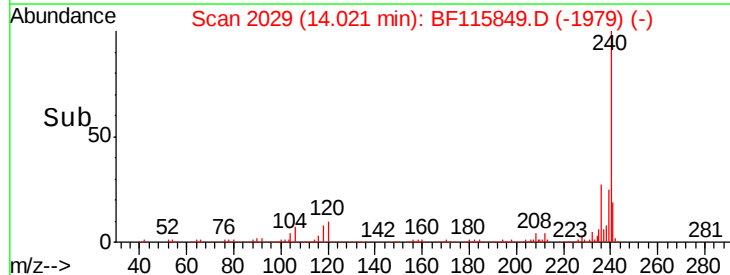
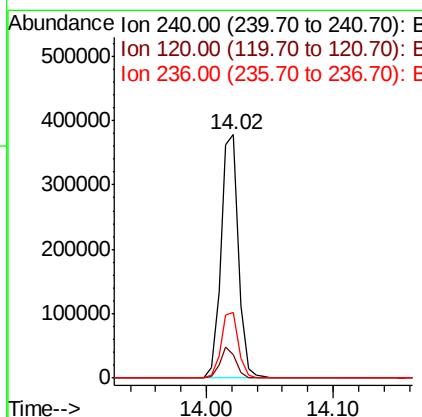
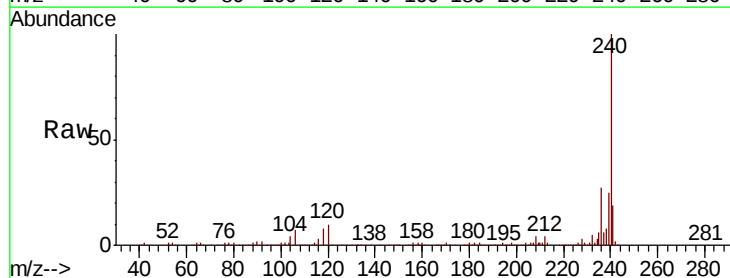
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	16.8	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: BF115849.D
 Acq: 30 Jul 2019 18:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.5	12.7
236	27.2	22.2	33.2





#77

Benzidine

Concen: 4.714 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

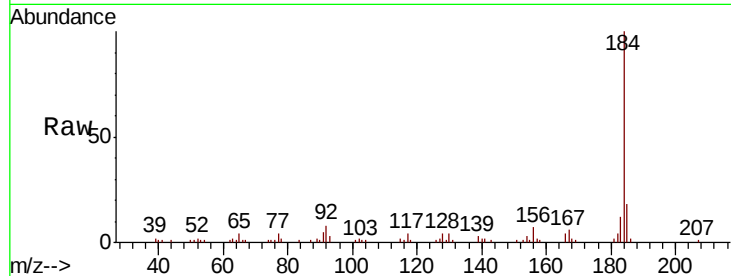
Tgt Ion:184 Resp: 58067

Ion Ratio Lower Upper

184 100

185 17.9 13.4 20.2

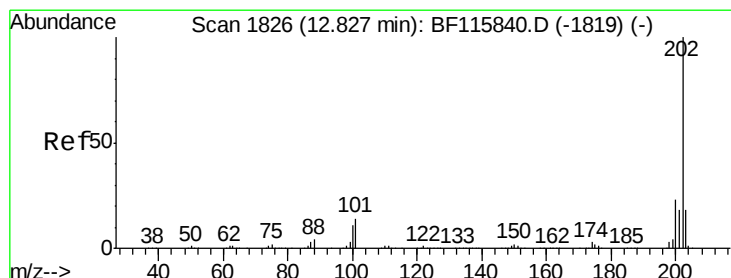
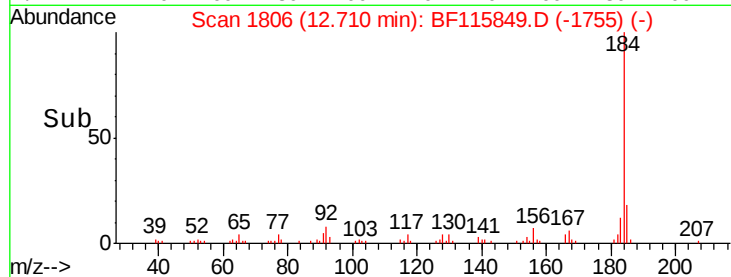
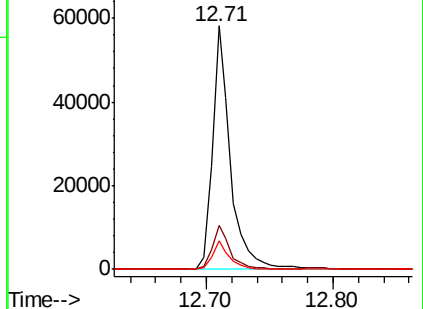
183 11.5 9.1 13.7



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: 5.317 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

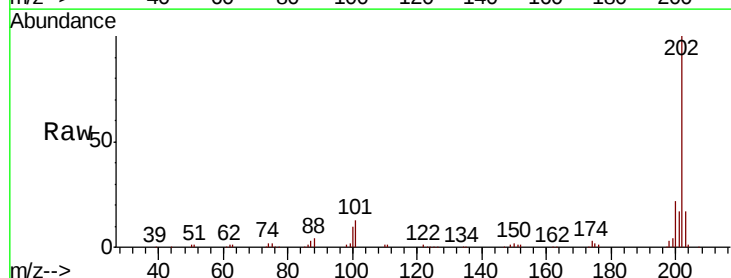
Tgt Ion:202 Resp: 146154

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

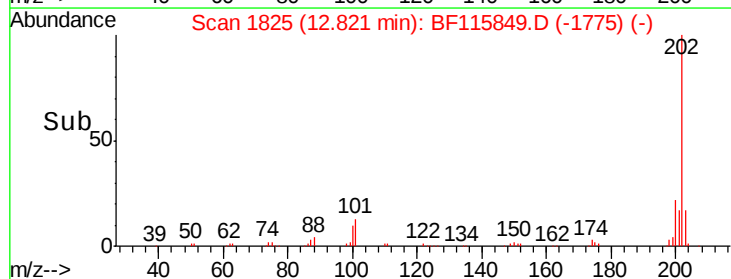
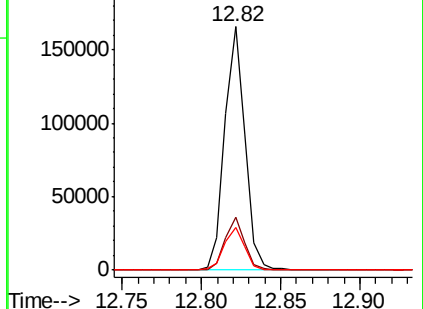
203 17.3 14.3 21.5



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: 76.539 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

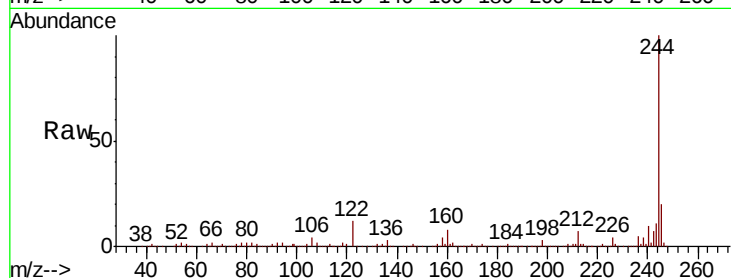
Tgt Ion:244 Resp: 1324467

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

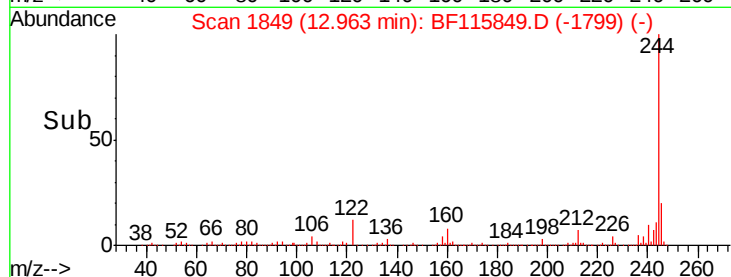
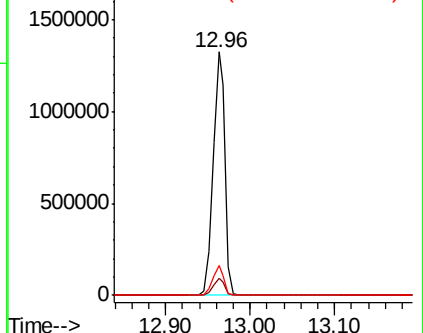
122 12.5 8.6 13.0



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: 3.941 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

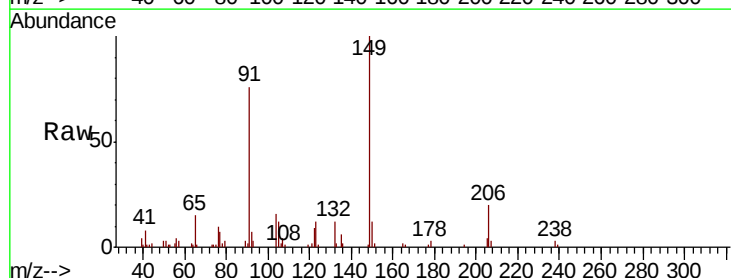
Tgt Ion:149 Resp: 45825

Ion Ratio Lower Upper

149 100

91 75.7 57.0 85.6

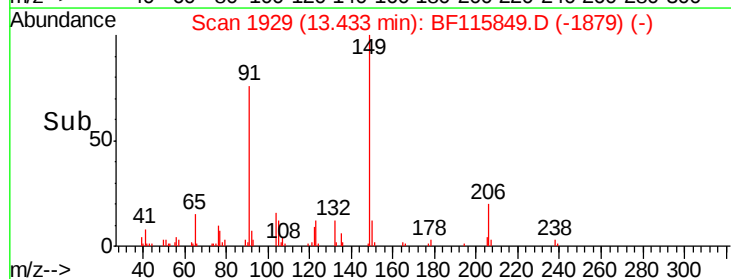
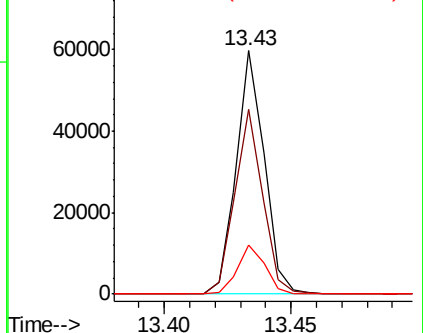
206 20.3 16.9 25.3



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

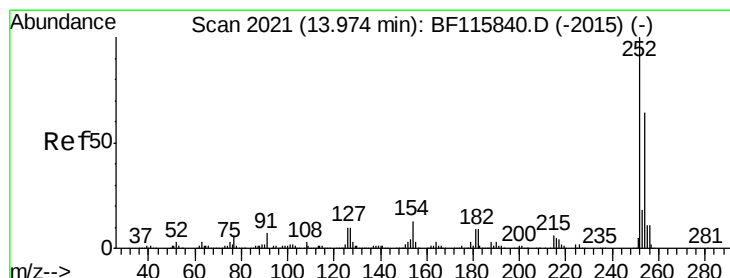
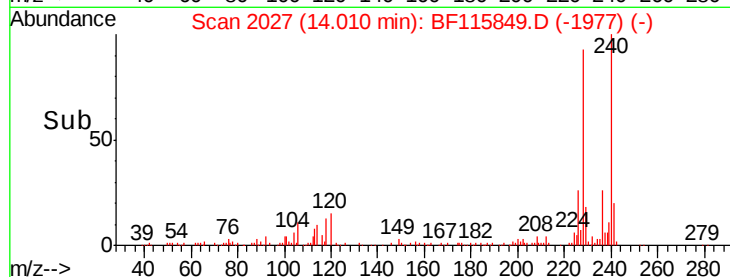
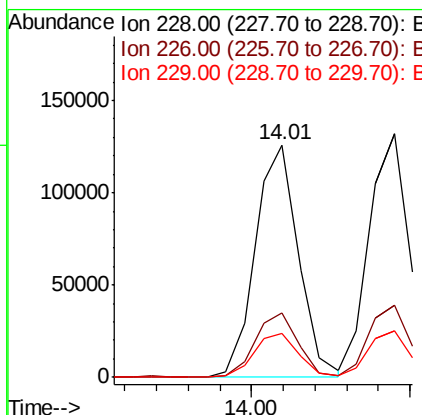
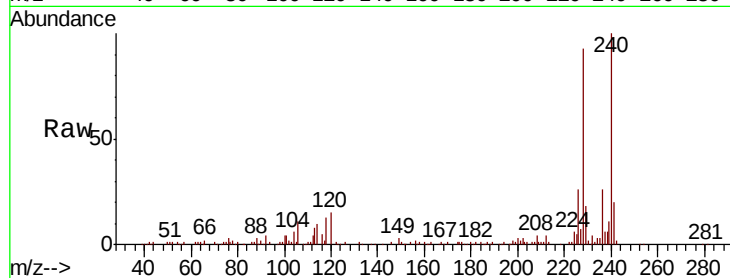




#81
Benzo(a)anthracene
Concen: 5.101 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

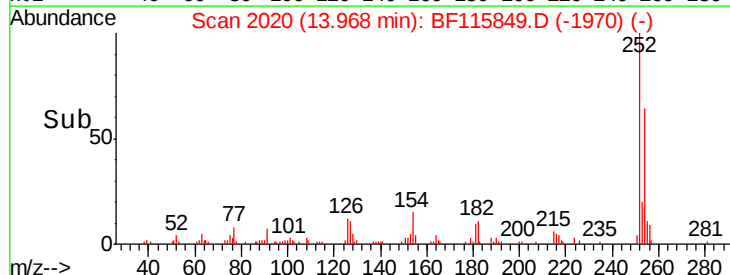
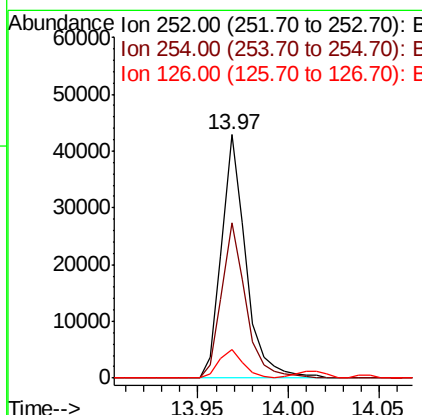
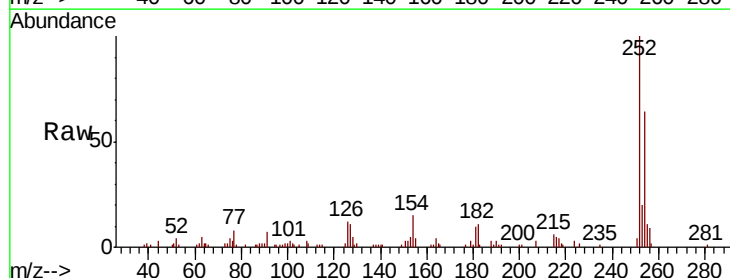
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

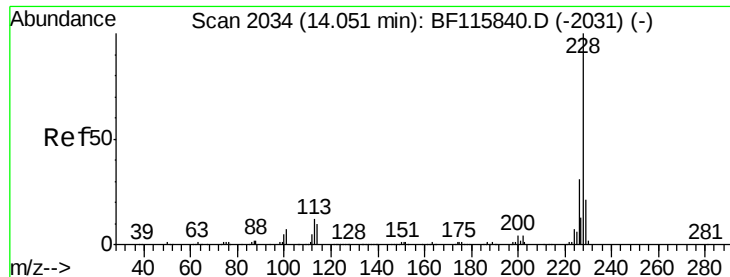
Tgt Ion: 228 Resp: 118890
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 19.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 4.962 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 252 Resp: 40175
Ion Ratio Lower Upper
252 100
254 63.9 51.2 76.8
126 11.6 8.1 12.1





#83

Chrysene

Concen: 5.264 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

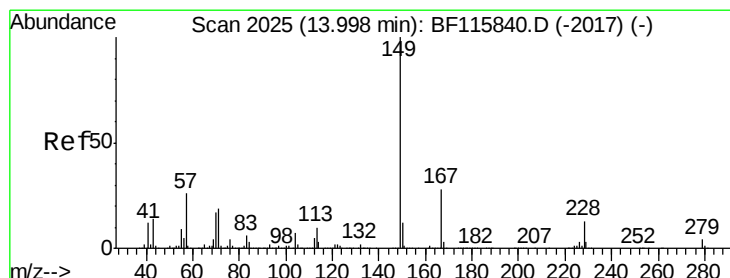
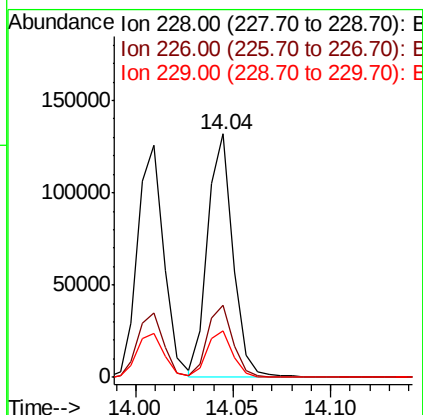
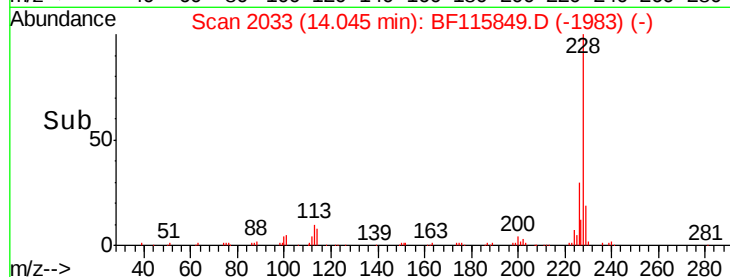
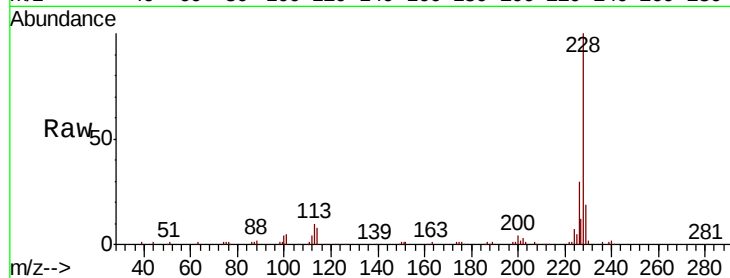
Tgt Ion:228 Resp: 119118

Ion Ratio Lower Upper

228 100

226 29.7 24.8 37.2

229 19.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.192 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

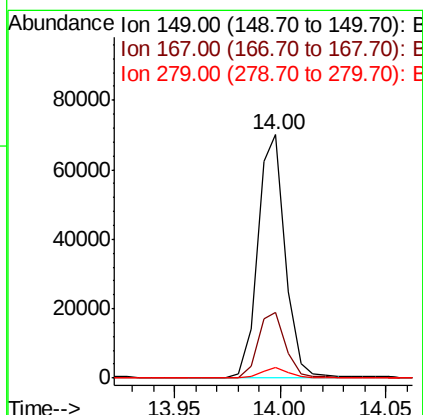
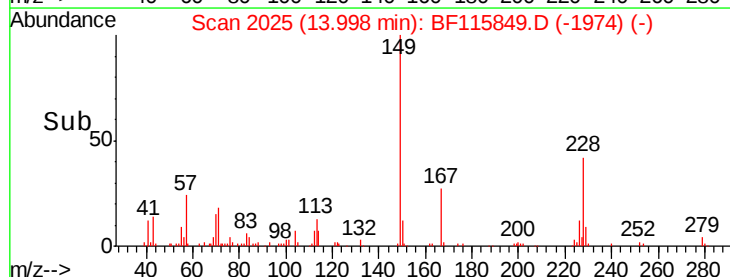
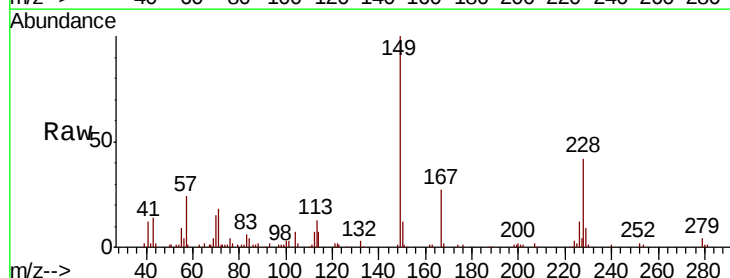
Tgt Ion:149 Resp: 63337

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 4.006 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

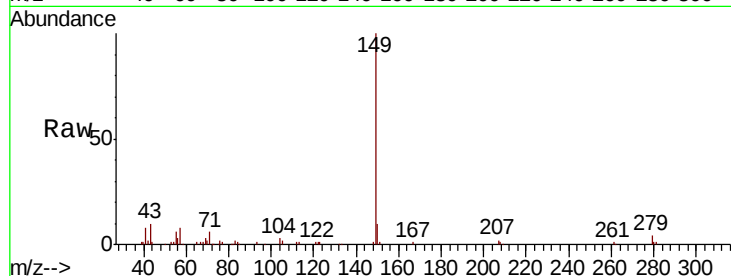
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

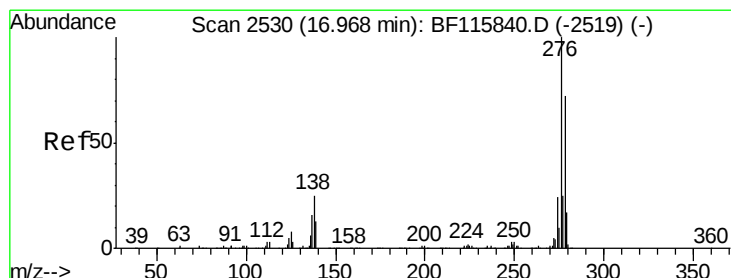
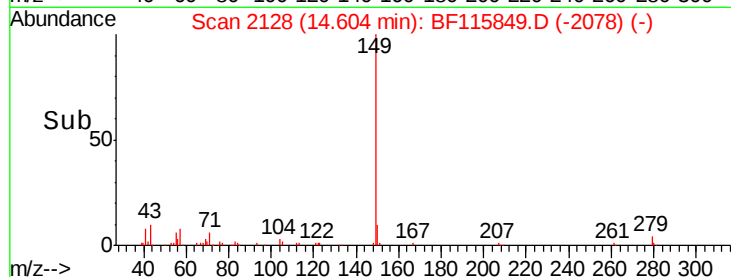
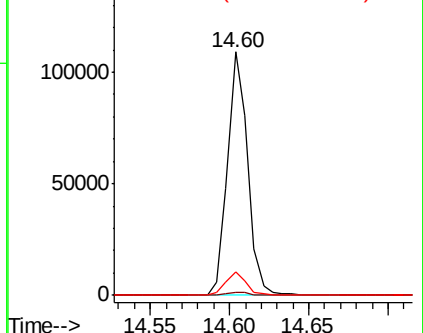
Tgt Ion:	149	Resp:	96139
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.4	11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.536 ng

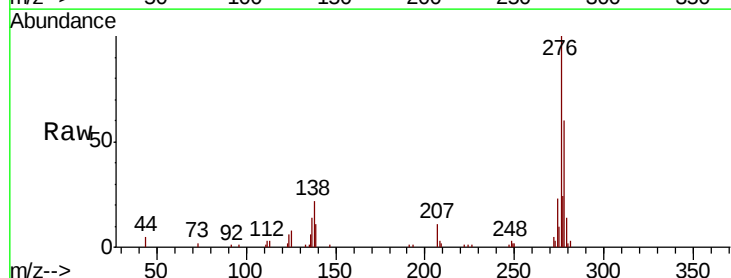
RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF115849.D

Acq: 30 Jul 2019 18:35

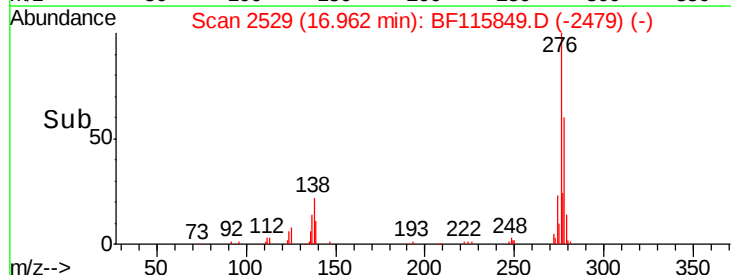
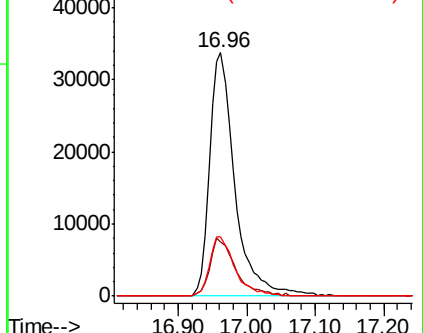
Tgt Ion:	276	Resp:	86193
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.6	29.4
277	24.4	20.1	30.1

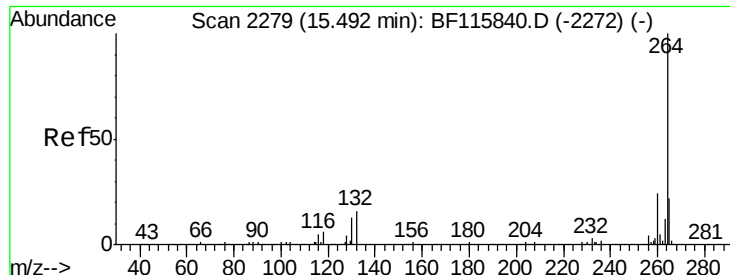


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



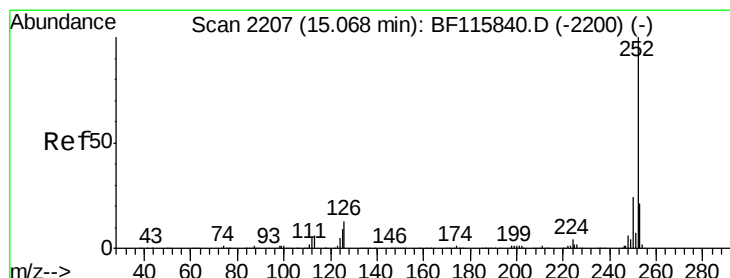
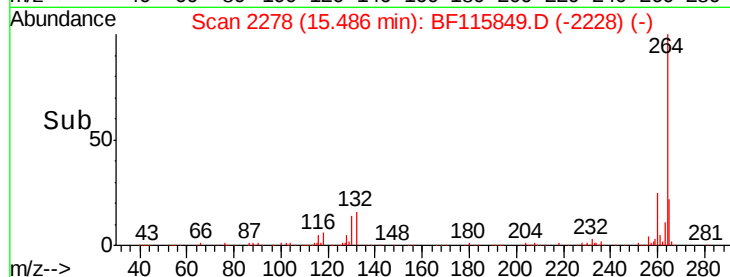
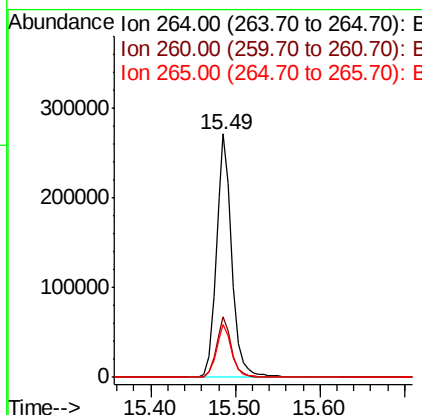
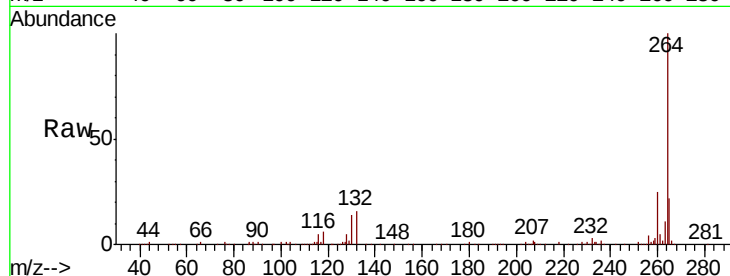


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 264 Resp: 350284

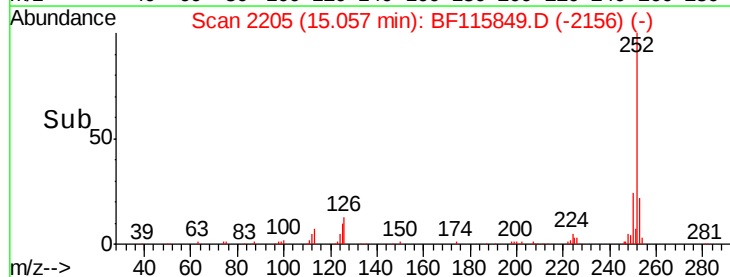
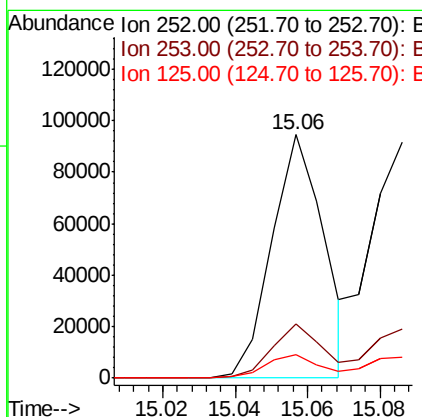
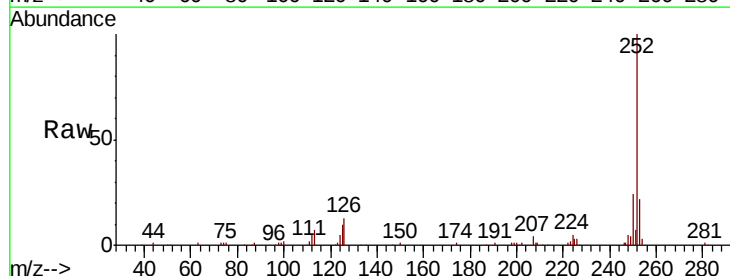
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 4.695 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 252 Resp: 95097

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.8	7.4	11.0

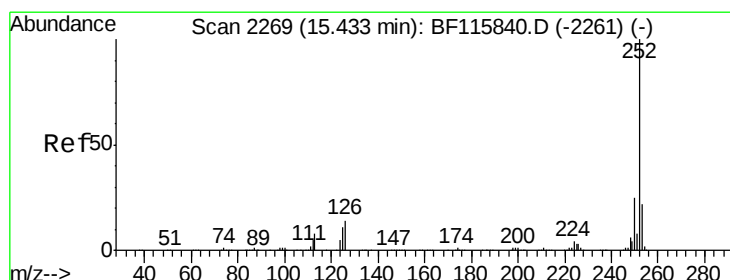
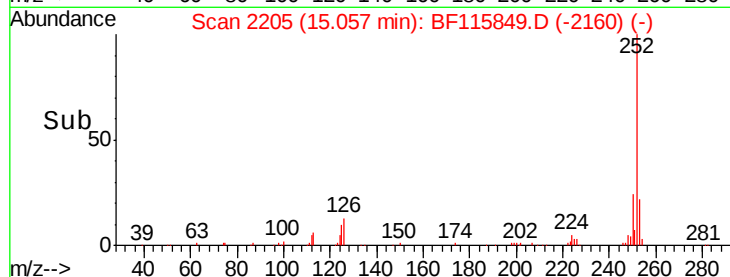
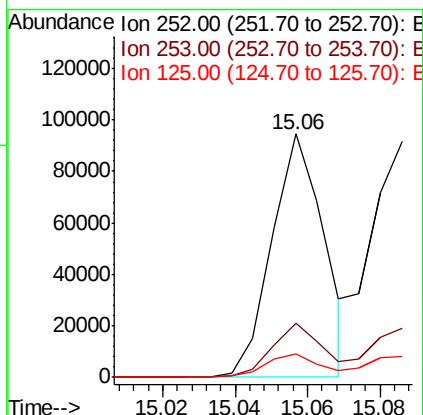
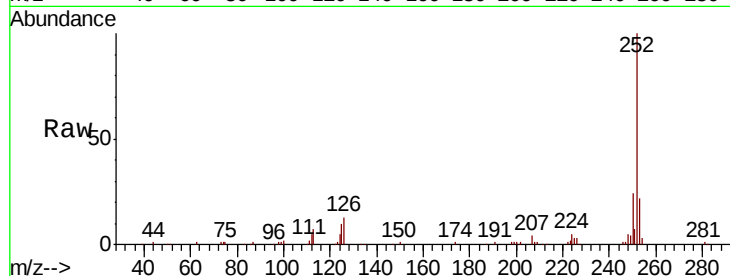




#89
Benzo(k)fluoranthene
Concen: 4.821 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

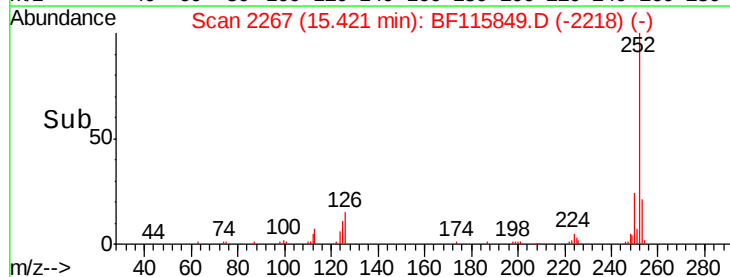
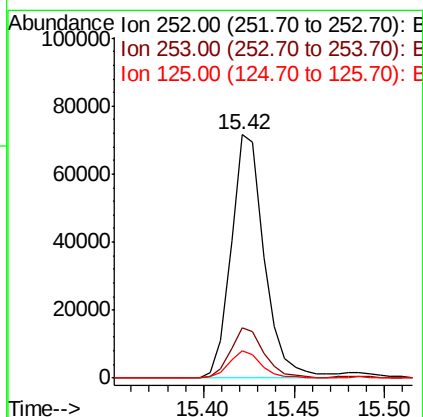
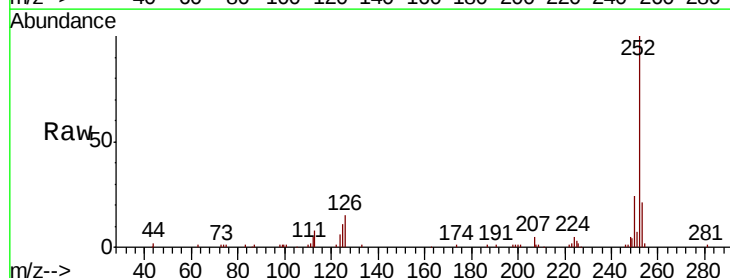
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 252 Resp: 95097
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 5.051 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 252 Resp: 91458
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 11.3 8.8 13.2

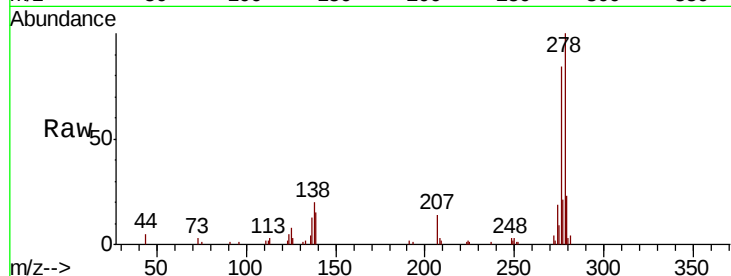




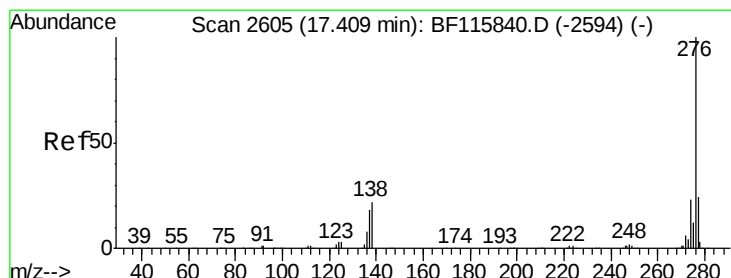
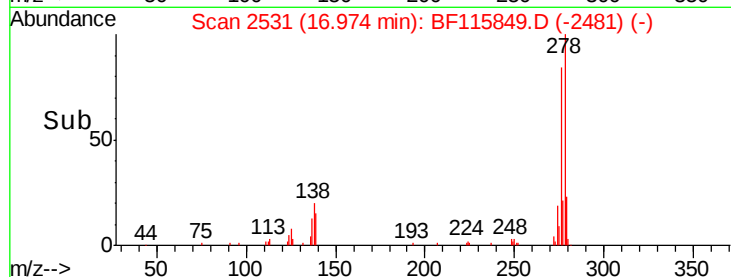
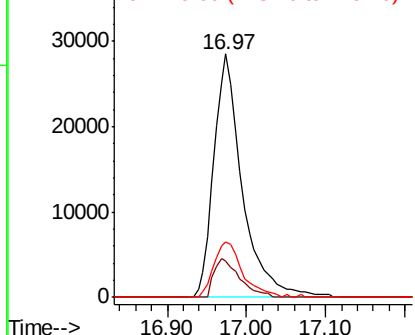
#91
Dibenzo(a,h)anthracene
Concen: 4.534 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tgt Ion: 278 Resp: 71065
Ion Ratio Lower Upper
278 100
139 14.7 12.6 19.0
279 22.9 18.8 28.2

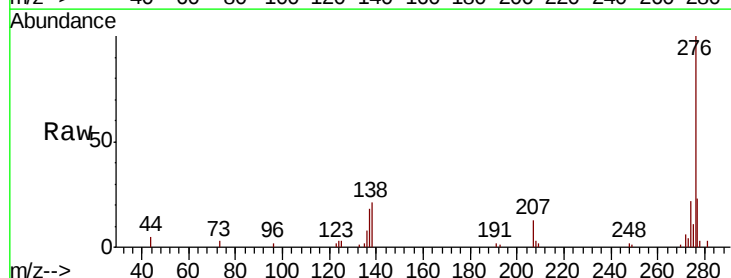


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.521 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF115849.D
Acq: 30 Jul 2019 18:35

Tgt Ion: 276 Resp: 69584
Ion Ratio Lower Upper
276 100
277 23.5 19.5 29.3
138 21.1 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

