

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114664.D
 Acq On : 30 May 2019 17:07
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO-WATER-20PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: May 31 11:32:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 11:26:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	380586	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1460085	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	721762	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1357561	20.00	ng	0.00
76) Chrysene-d12	13.82	240	953507	20.00	ng	0.00
87) Perylene-d12	15.20	264	1063208	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1994251	92.00	ng	0.00
7) Phenol-d6	6.33	99	2411349	92.31	ng	0.00
23) Nitrobenzene-d5	7.25	82	1403948	59.99	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	679381	98.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2628426	60.50	ng	0.00
79) Terphenyl-d14	12.77	244	2781011	54.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	238244	22.903	ng	99
3) Pyridine	3.05	79	588113	19.426	ng	98
4) n-Nitrosodimethylamine	2.98	42	240327	19.617	ng	93
6) Aniline	6.35	93	829604	21.026	ng	98
8) 2-Chlorophenol	6.47	128	573093	22.893	ng	98
9) Benzaldehyde	6.23	77	473356	31.760	ng	97
10) Phenol	6.34	94	699791	22.176	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	526927	21.831	ng	99
12) 1,3-Dichlorobenzene	6.63	146	634435	22.244	ng	98
13) 1,4-Dichlorobenzene	6.71	146	638831	22.327	ng	99
14) 1,2-Dichlorobenzene	6.86	146	588973	22.610	ng	99
15) Benzyl Alcohol	6.83	79	463026	22.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	756740	20.441	ng	99
17) 2-Methylphenol	6.95	107	465953	22.006	ng	99
18) Hexachloroethane	7.21	117	228338	21.078	ng	95
19) n-Nitroso-di-n-propylamine	7.11	70	381504	21.159	ng	99
20) 3+4-Methylphenols	7.10	107	556324	22.340	ng	98
22) Acetophenone	7.10	105	789853	25.389	ng	# 96
24) Nitrobenzene	7.27	77	570652	22.955	ng	99
25) Isophorone	7.52	82	1033475	22.004	ng	99
26) 2-Nitrophenol	7.59	139	280935	23.216	ng	99
27) 2,4-Dimethylphenol	7.63	122	512357	25.458	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	668590	22.363	ng	99
29) 2,4-Dichlorophenol	7.83	162	477156	23.293	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	542822	23.259	ng	99
31) Naphthalene	8.00	128	1641136	24.402	ng	97
32) Benzoic acid	7.73	122	301266	23.047	ng	98
33) 4-Chloroaniline	8.04	127	711505	22.205	ng	99
34) Hexachlorobutadiene	8.13	225	292999	22.599	ng	98
35) Caprolactam	8.39	113	149174	21.579	ng	100
36) 4-Chloro-3-methylphenol	8.52	107	479208	23.327	ng	98
37) 2-Methylnaphthalene	8.69	142	1127006	25.221	ng	98
38) 1-Methylnaphthalene	8.78	142	1059937	25.036	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	510326	26.550	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114664.D
 Acq On : 30 May 2019 17:07
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO-WATER-20PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: May 31 11:32:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 11:26:19 2019
 Response via : Initial Calibration

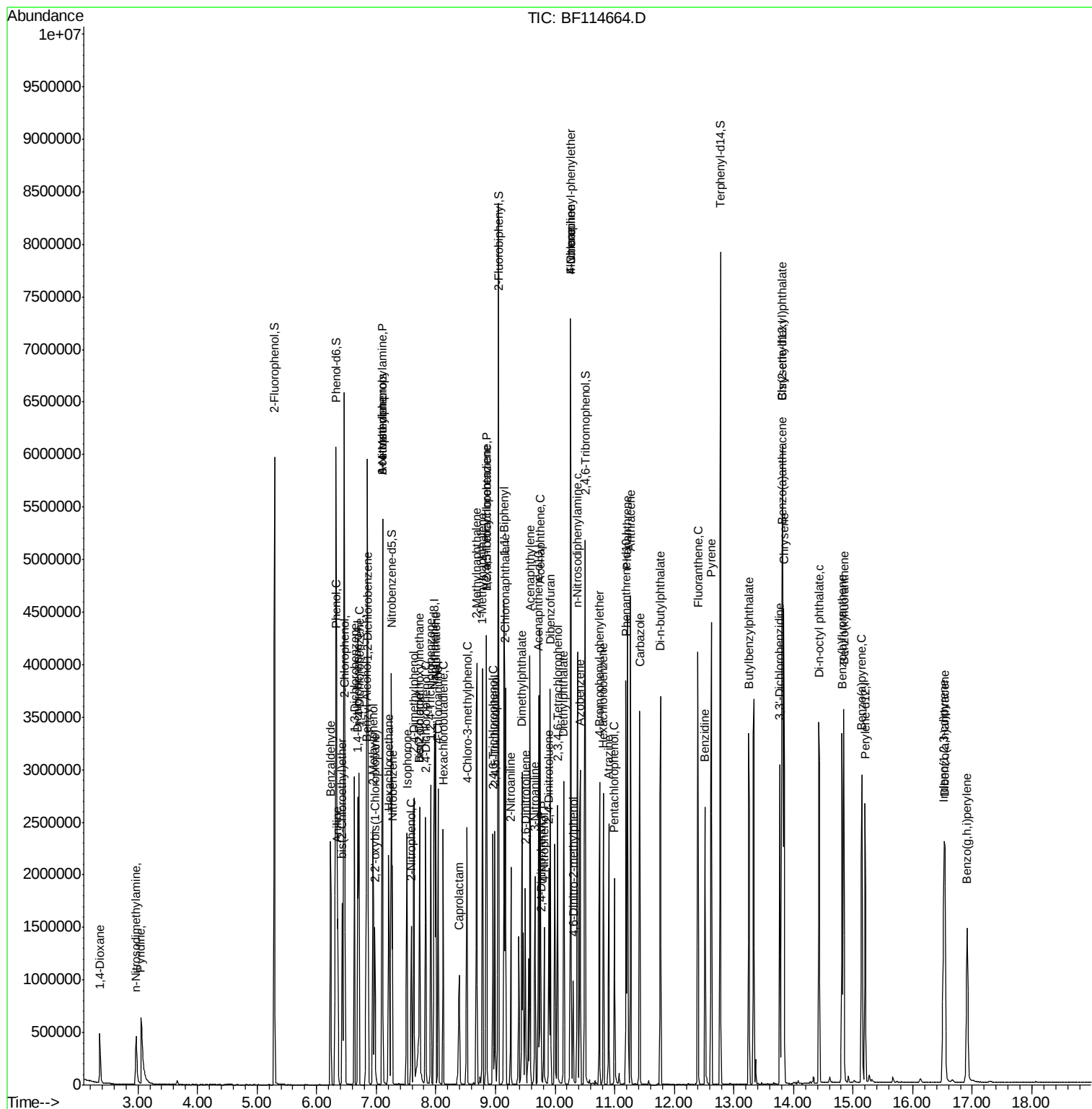
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	320046	25.197	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	340514	22.515	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	355800	23.575	ng	98
46) 1,1'-Biphenyl	9.15	154	1377410	25.709	ng	98
47) 2-Chloronaphthalene	9.17	162	1050018	23.892	ng	99
48) 2-Nitroaniline	9.26	65	283792	20.925	ng	98
49) Acenaphthylene	9.58	152	1641930	24.183	ng	99
50) Dimethylphthalate	9.45	163	1186725	23.596	ng	99
51) 2,6-Dinitrotoluene	9.50	165	266356	22.792	ng	96
52) Acenaphthene	9.75	154	1001845	24.060	ng	99
53) 3-Nitroaniline	9.66	138	299173	20.917	ng	95
54) 2,4-Dinitrophenol	9.77	184	90475	19.627	ng	96
55) Dibenzofuran	9.92	168	1448755	24.443	ng	97
56) 4-Nitrophenol	9.82	139	232228	21.910	ng	91
57) 2,4-Dinitrotoluene	9.90	165	343805	22.923	ng	93
58) Fluorene	10.26	166	1029428	25.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	300384	24.316	ng	99
60) Diethylphthalate	10.15	149	1167726	22.733	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	515310	25.736	ng	96
62) 4-Nitroaniline	10.27	138	274822	19.718	ng	98
63) Azobenzene	10.42	77	1094584	23.210	ng	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	123237	20.473	ng	88
66) n-Nitrosodiphenylamine	10.37	169	989509	24.670	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	338694	23.265	ng	96
68) Hexachlorobenzene	10.81	284	363511	23.053	ng	96
69) Atrazine	10.90	200	303877	24.046	ng	98
70) Pentachlorophenol	11.00	266	205403	22.598	ng	98
71) Phenanthrene	11.22	178	1621528	23.415	ng	97
72) Anthracene	11.27	178	1650071	23.542	ng	98
73) Carbazole	11.42	167	1463765	23.763	ng	98
74) Di-n-butylphthalate	11.77	149	1770502	23.657	ng	98
75) Fluoranthene	12.40	202	1643444	22.919	ng	96
77) Benzidine	12.52	184	953202	24.277	ng	98
78) Pyrene	12.62	202	1676656	20.787	ng	98
80) Butylbenzylphthalate	13.25	149	748508	18.465	ng	97
81) Benzo(a)anthracene	13.80	228	1466696	20.017	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	599109	21.172	ng	98
83) Chrysene	13.84	228	1459387	20.846	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	1025957	20.472	ng	98
85) Di-n-octyl phthalate	14.43	149	1758900	20.200	ng	97
86) Indeno(1,2,3-cd)pyrene	16.52	276	1443303	20.585	ng	99
88) Benzo(b)fluoranthene	14.82	252	1457314	21.762	ng	99
89) Benzo(k)fluoranthene	14.84	252	1430249	24.573	ng	98
90) Benzo(a)pyrene	15.14	252	1380264	23.463	ng	99
91) Dibenzo(a,h)anthracene	16.54	278	1218342	23.437	ng	99
92) Benzo(g,h,i)perylene	16.92	276	1155637	22.905	ng	99

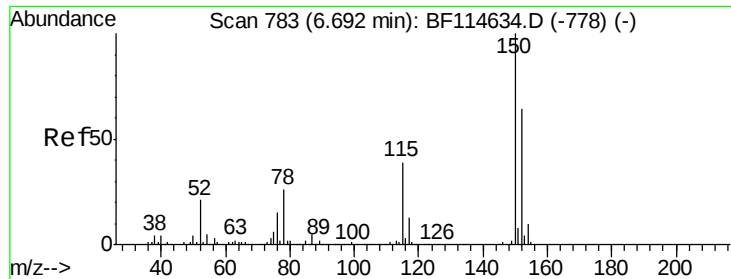
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114664.D
Acq On : 30 May 2019 17:07
Operator : HP/JU
Sample : K2241-08
Misc : LOQ-WATER-20PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: May 31 11:32:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration



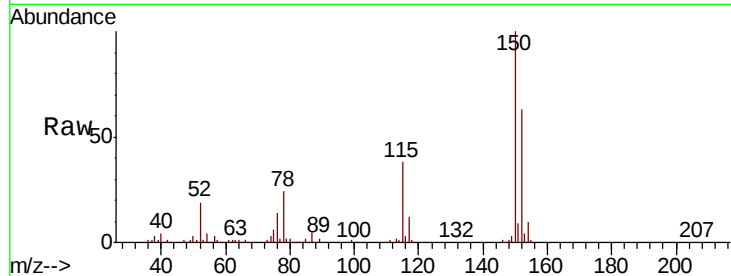


#1

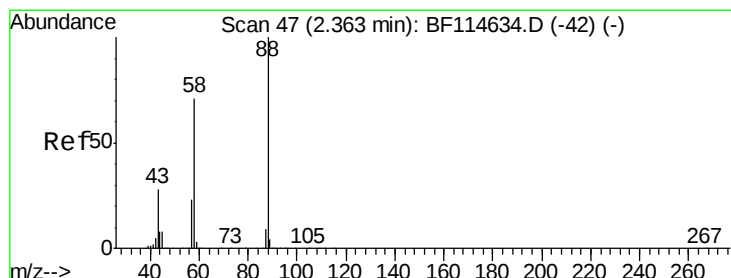
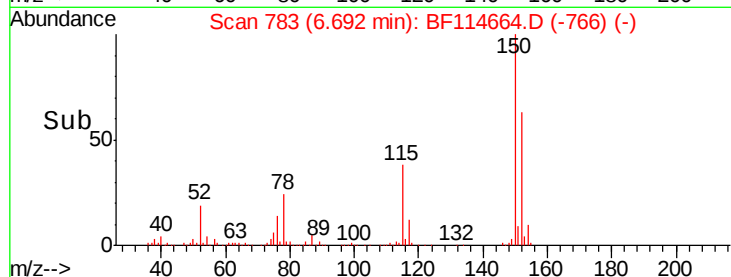
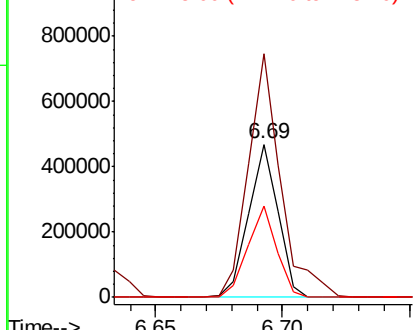
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:152 Resp: 380586
Ion Ratio Lower Upper
152 100
150 159.0 124.4 186.6
115 59.7 48.7 73.1



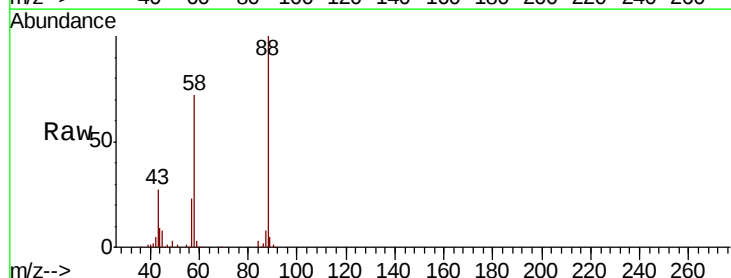
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



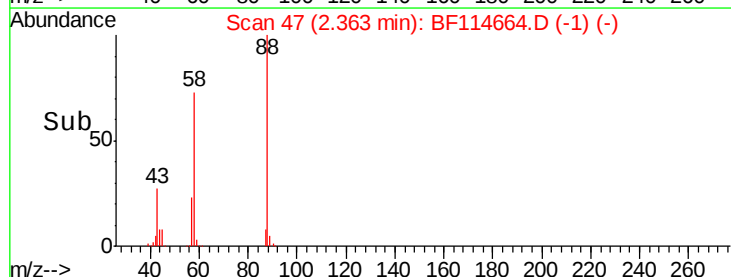
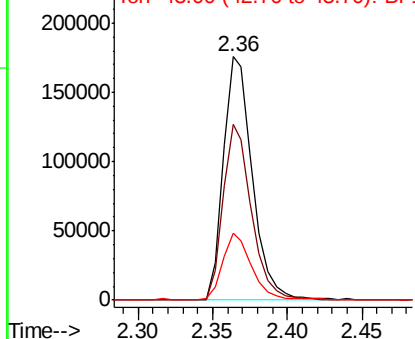
#2

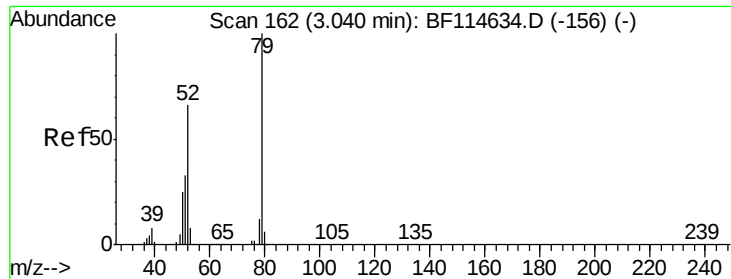
1,4-Dioxane
Concen: 22.903 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion: 88 Resp: 238244
Ion Ratio Lower Upper
88 100
58 71.3 57.2 85.8
43 27.2 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.426 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

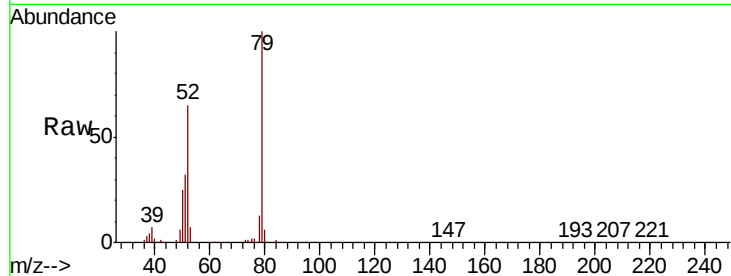
Tot Ion: 79 Resp: 588113

Ion Ratio Lower Upper

79 100

52 64.7 52.8 79.2

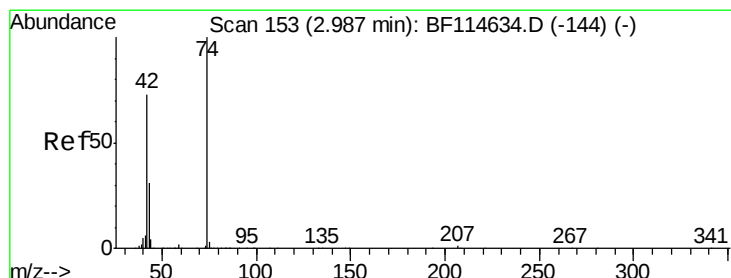
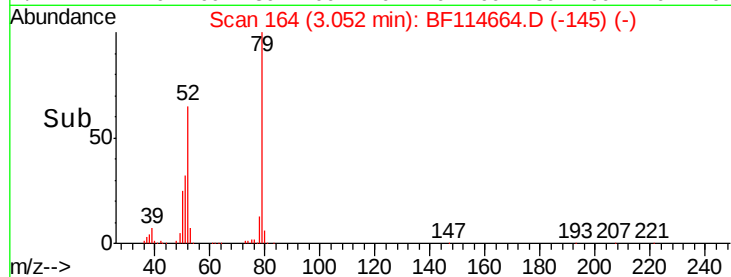
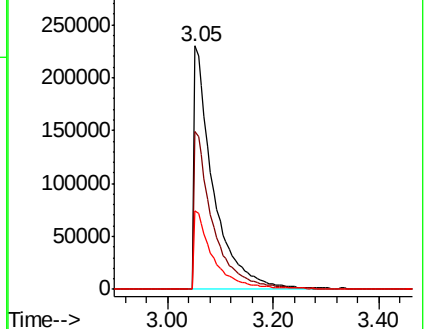
51 32.2 26.3 39.5



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: 19.617 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

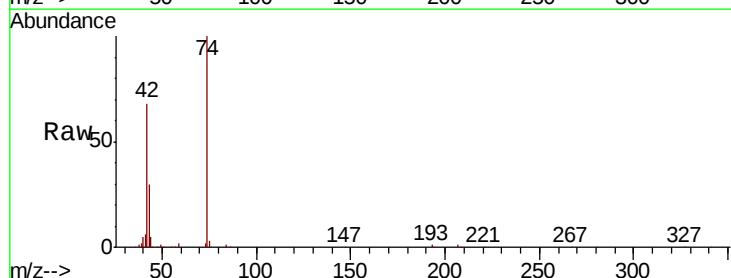
Tgt Ion: 42 Resp: 240327

Ion Ratio Lower Upper

42 100

74 146.4 110.0 165.0

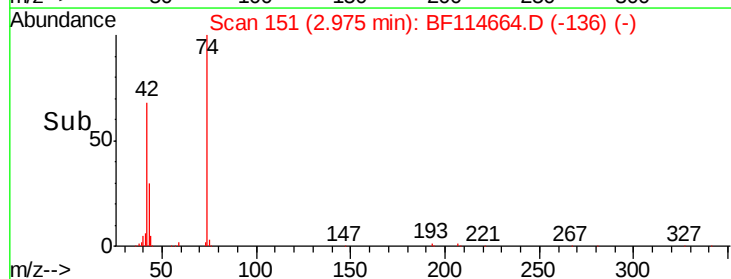
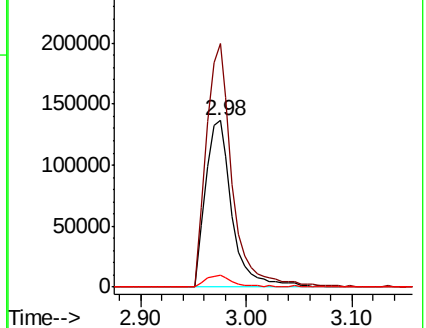
44 7.1 5.6 8.4

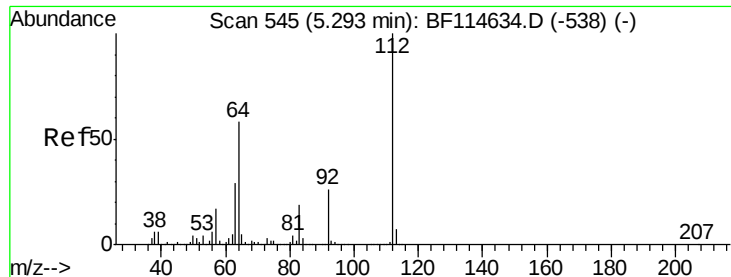


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 91.998 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

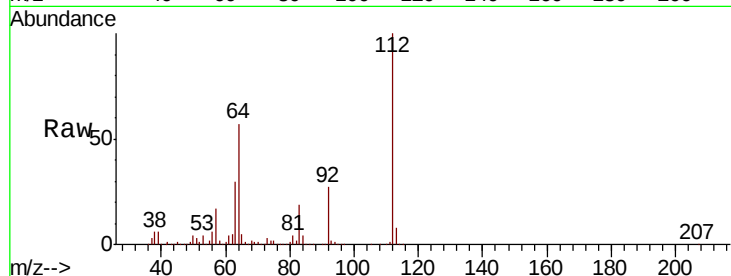
Tot Ion:112 Resp: 1994251

Ion Ratio Lower Upper

112 100

64 57.1 46.1 69.1

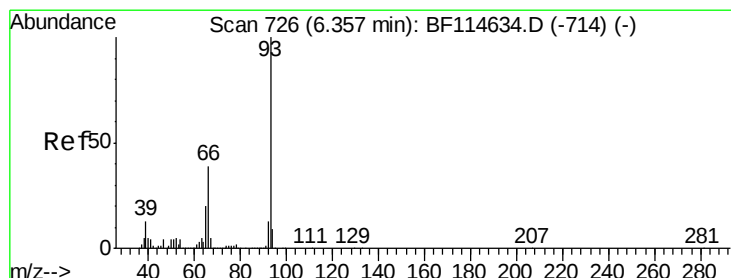
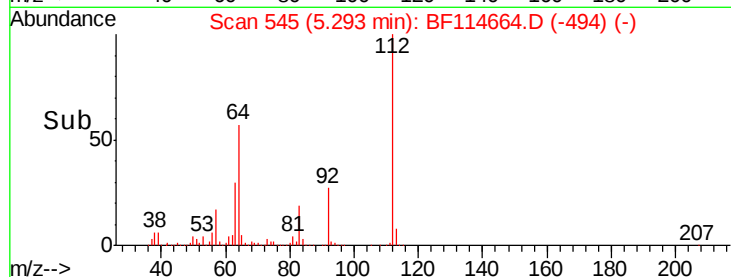
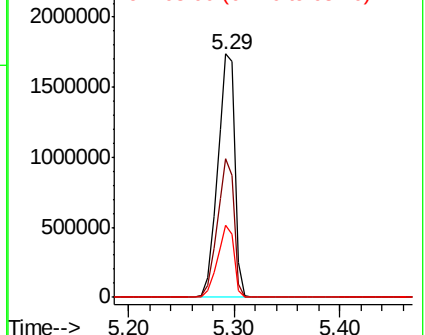
63 29.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.026 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

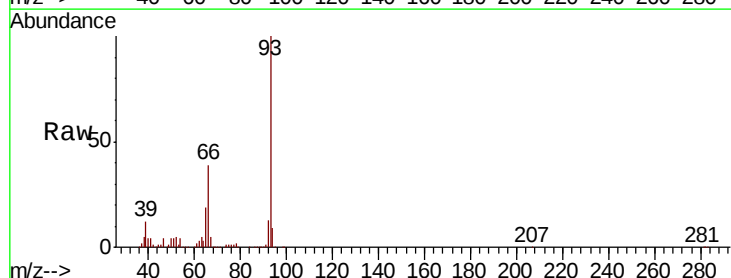
Tgt Ion: 93 Resp: 829604

Ion Ratio Lower Upper

93 100

66 38.6 31.4 47.2

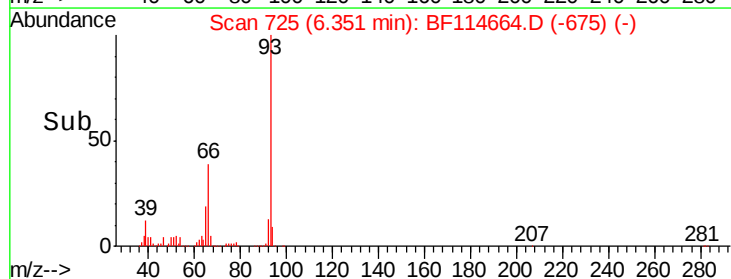
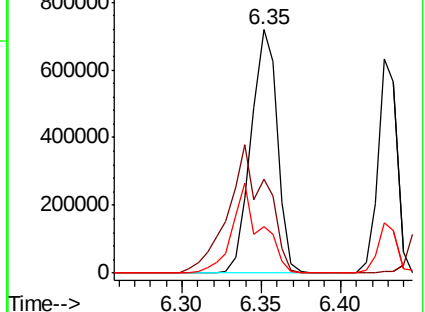
65 19.0 16.2 24.2

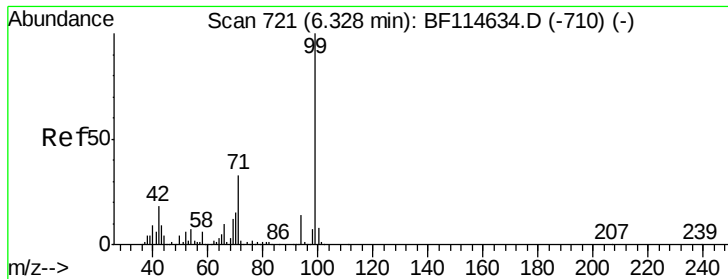


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.312 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

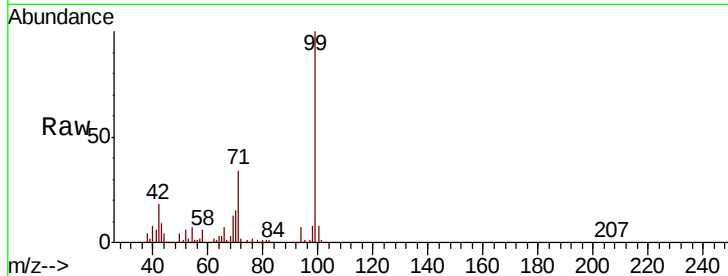
Tot Ion: 99 Resp: 2411349

Ion Ratio Lower Upper

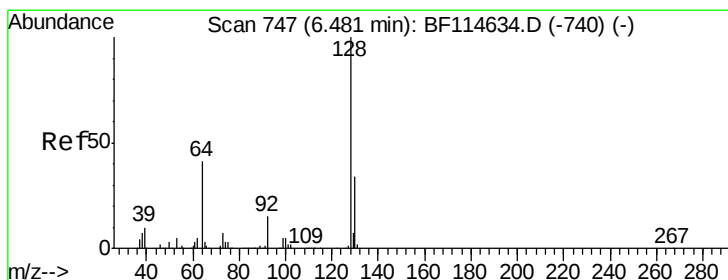
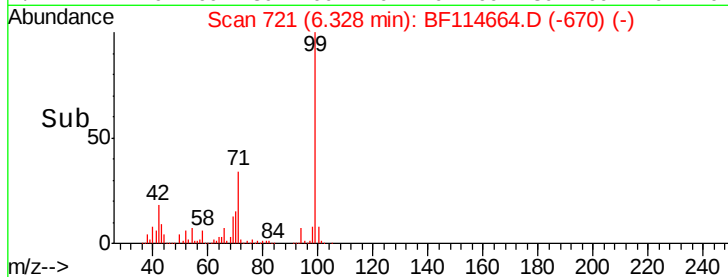
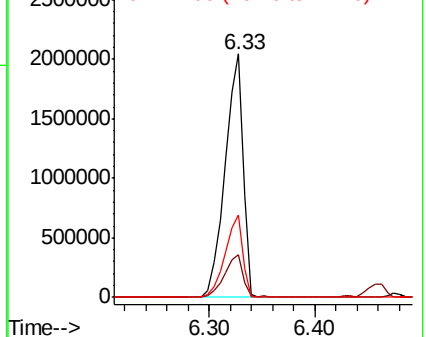
99 100

42 17.7 14.7 22.1

71 33.7 26.6 40.0



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: 22.893 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

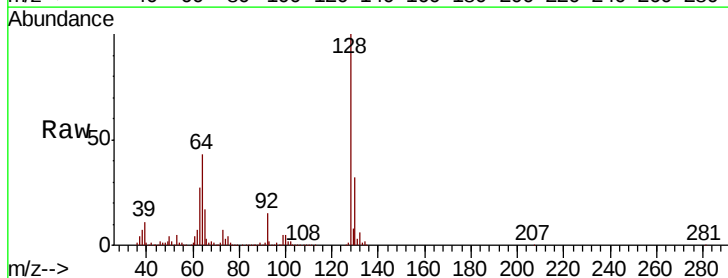
Tgt Ion: 128 Resp: 573093

Ion Ratio Lower Upper

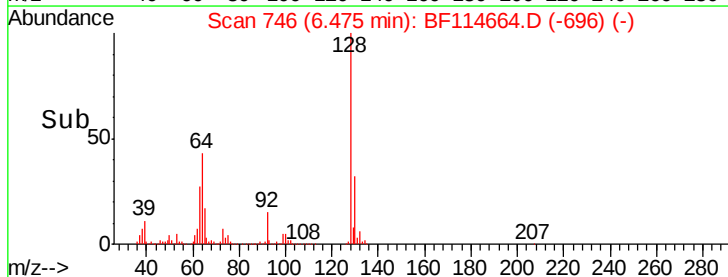
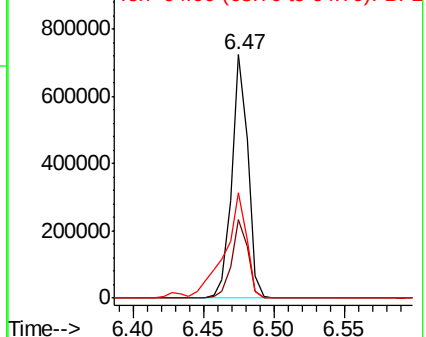
128 100

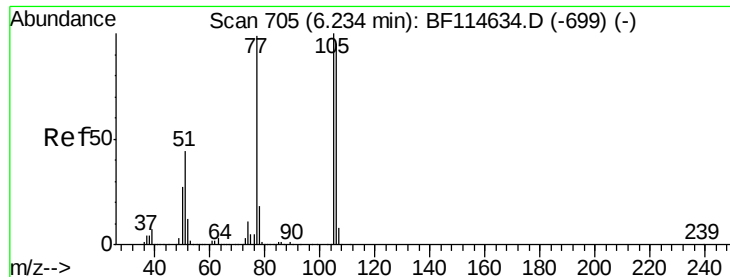
130 32.1 13.9 53.9

64 43.1 22.0 62.0



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: 31.760 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

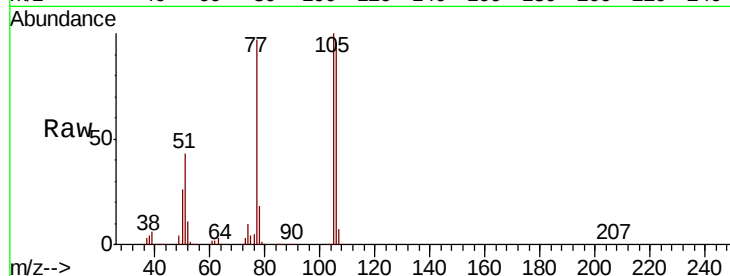
Tot Ion: 77 Resp: 473356

Ion Ratio Lower Upper

77 100

105 103.2 80.8 120.8

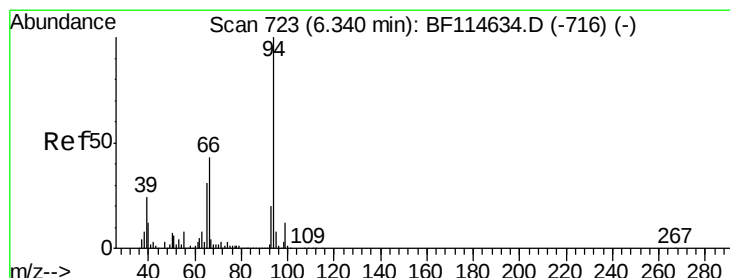
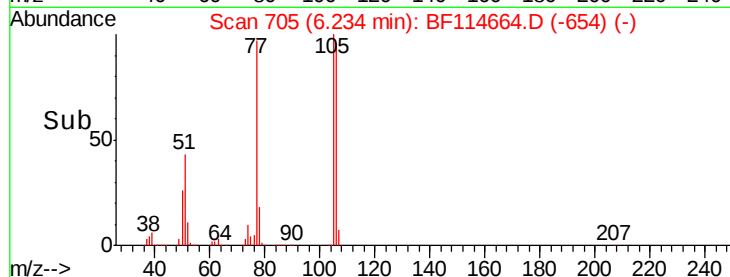
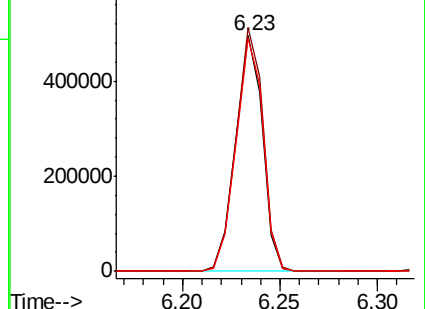
106 98.8 76.2 116.2



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: 22.176 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

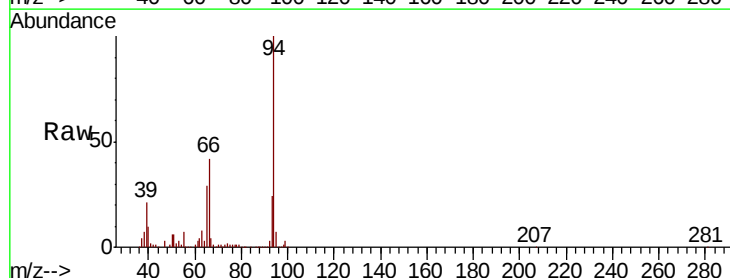
Tgt Ion: 94 Resp: 699791

Ion Ratio Lower Upper

94 100

65 29.2 11.0 51.0

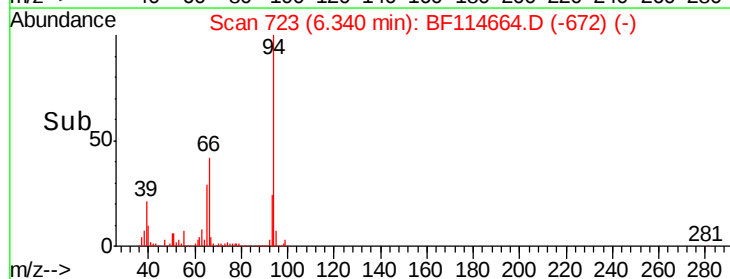
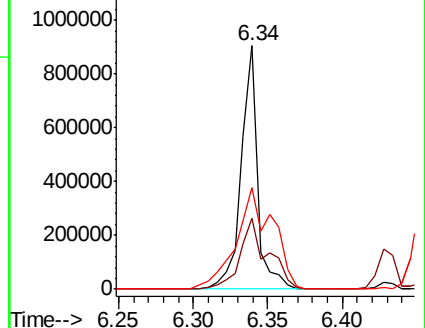
66 41.7 23.0 63.0



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: 21.831 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

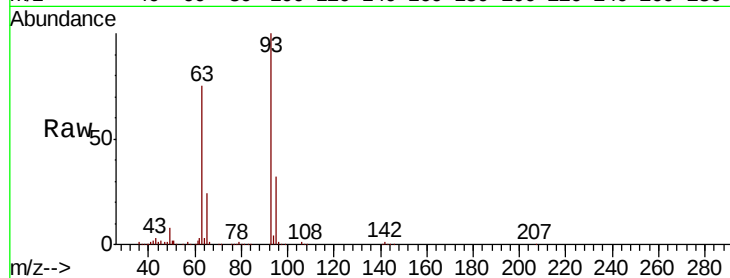
Tot Ion: 93 Resp: 526927

Ion Ratio Lower Upper

93 100

63 75.1 55.0 95.0

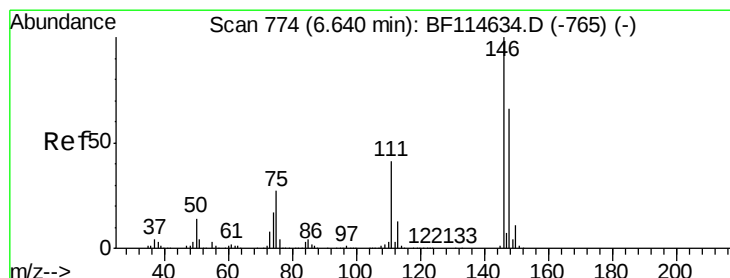
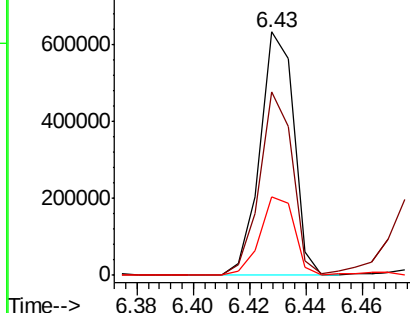
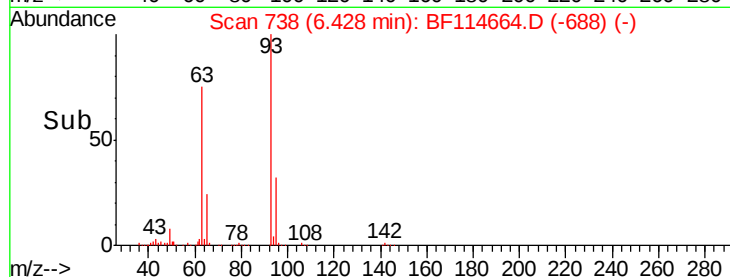
95 32.4 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 22.244 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

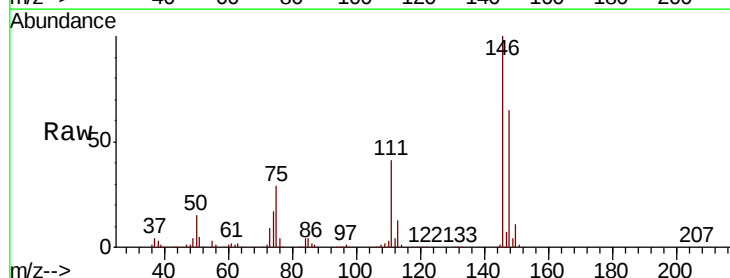
Tgt Ion: 146 Resp: 634435

Ion Ratio Lower Upper

146 100

148 64.9 52.9 79.3

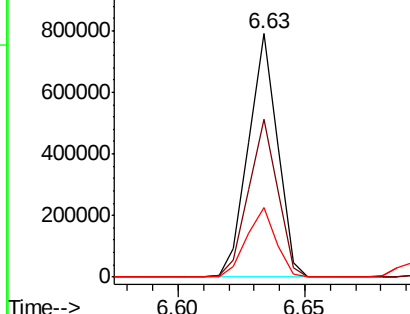
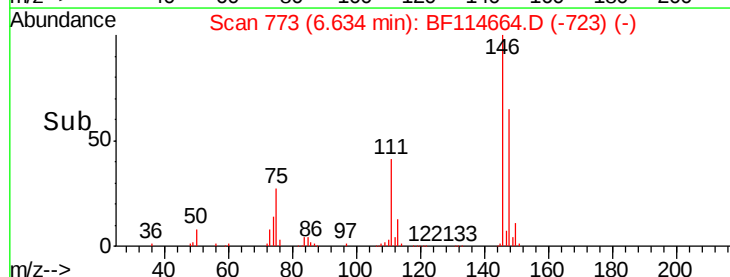
75 28.6 22.0 33.0

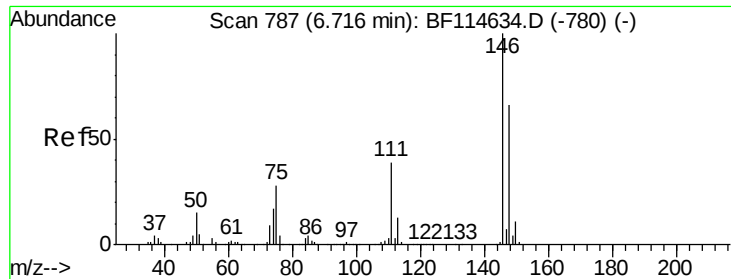


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 22.327 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

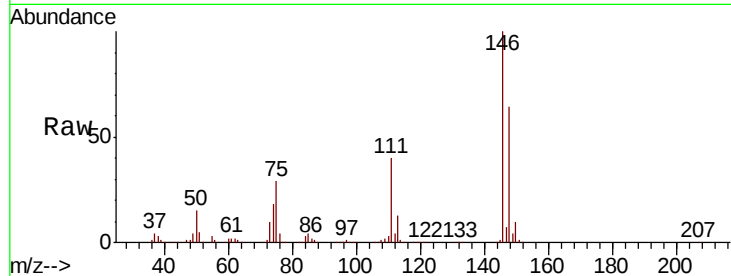
Tot Ion:146 Resp: 638831

Ion Ratio Lower Upper

146 100

148 64.0 52.5 78.7

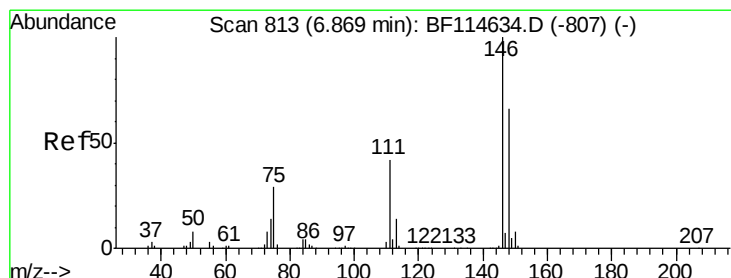
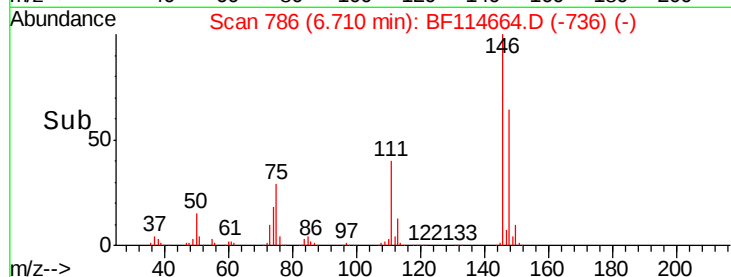
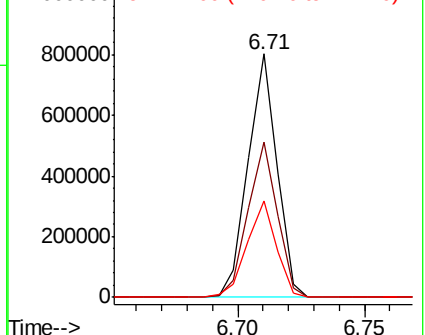
111 39.7 31.4 47.2



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: 22.610 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

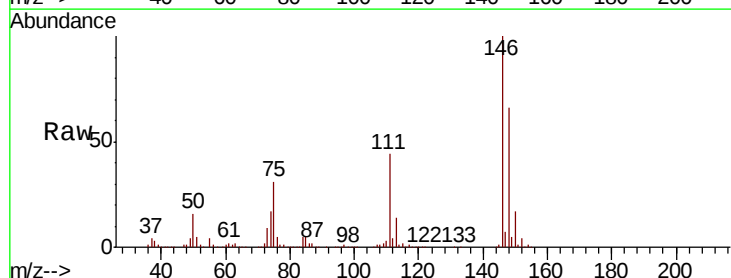
Tgt Ion:146 Resp: 588973

Ion Ratio Lower Upper

146 100

148 65.8 52.6 79.0

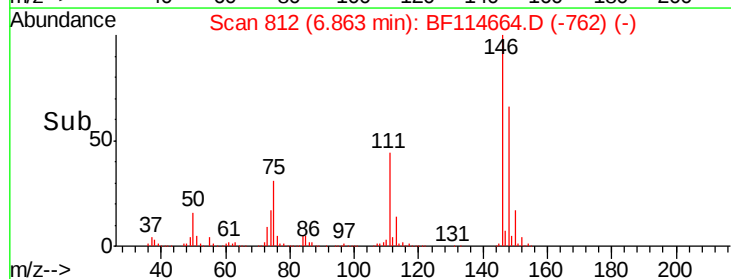
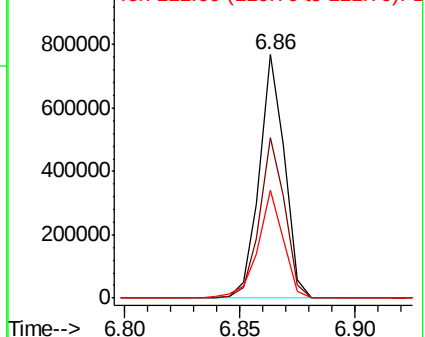
111 44.2 34.1 51.1



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: 22.535 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

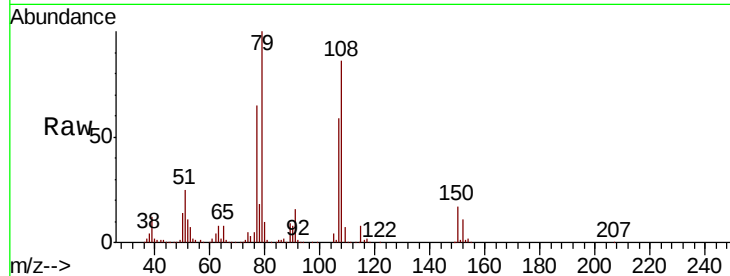
Tot Ion: 79 Resp: 463026

Ion Ratio Lower Upper

79 100

108 85.8 67.8 101.8

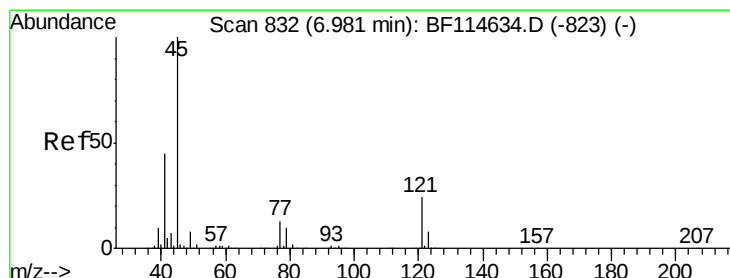
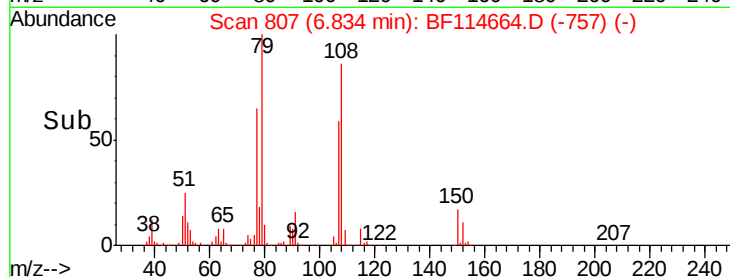
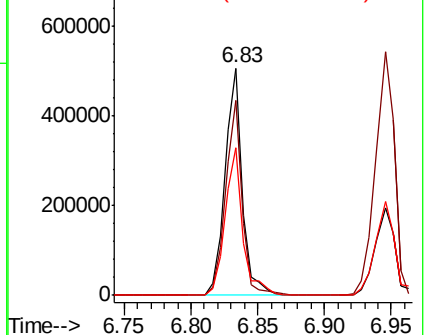
77 64.8 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.441 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

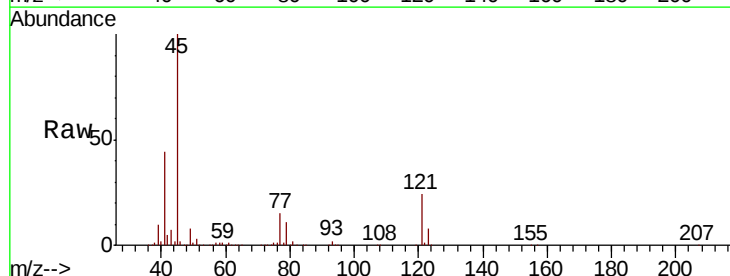
Tgt Ion: 45 Resp: 756740

Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.7

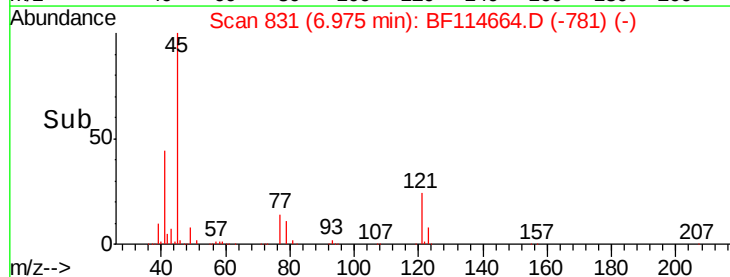
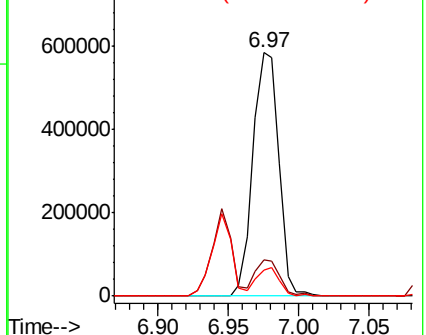
79 10.9 0.0 31.3

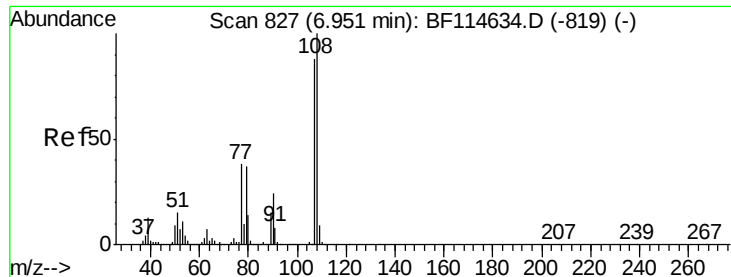


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 22.006 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

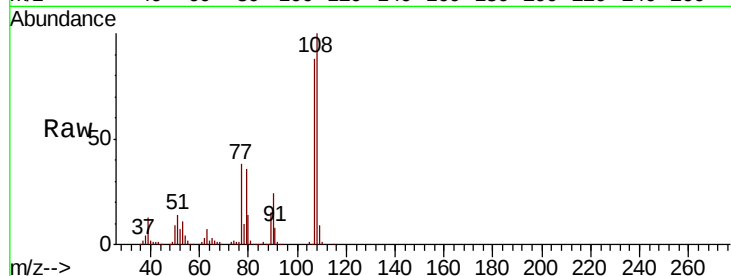
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	107	Resp:	465953
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.1	136.7
77	43.3	34.9	52.3
79	40.8	33.8	50.6

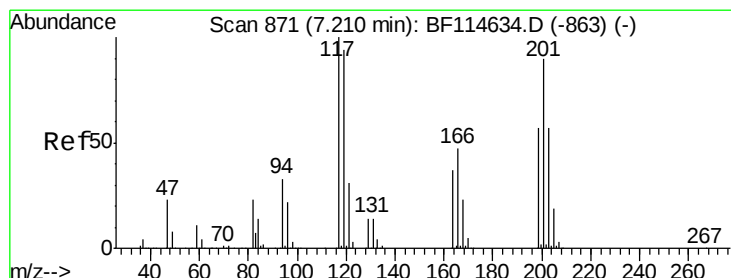
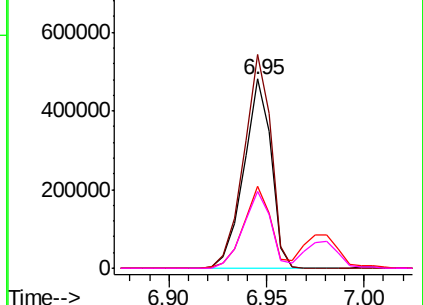
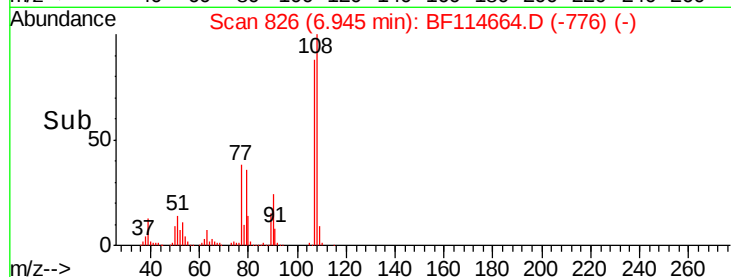


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.078 ng

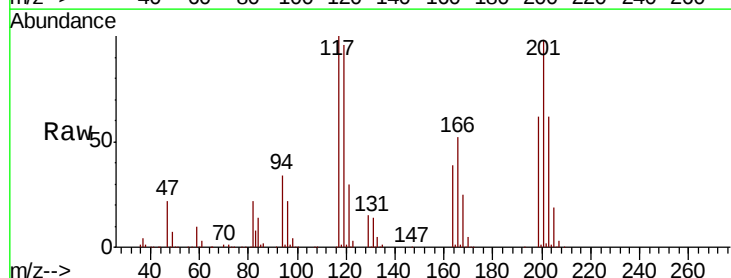
RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

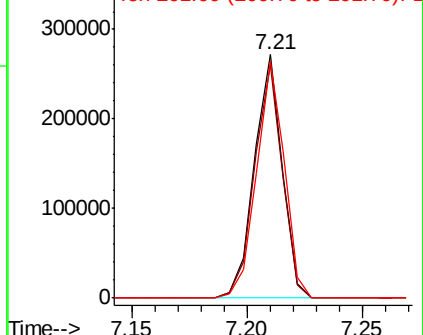
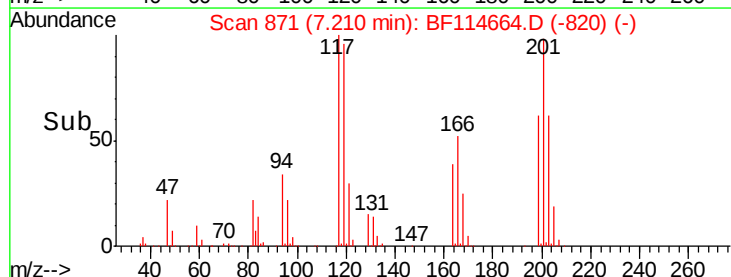
Tgt Ion:	117	Resp:	228338
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	97.7	71.7	107.5

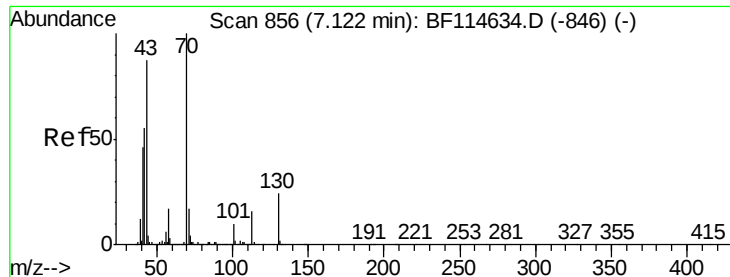


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

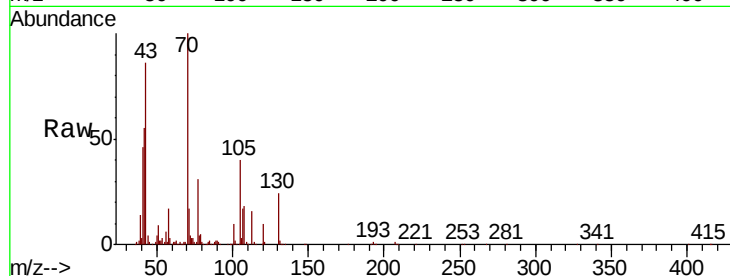




#19
n-Nitroso-di-n-propylamine
Concen: 21.159 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:	70	Resp:	381504
Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.4	66.6
101	9.5	8.2	12.4
130	24.1	19.4	29.0



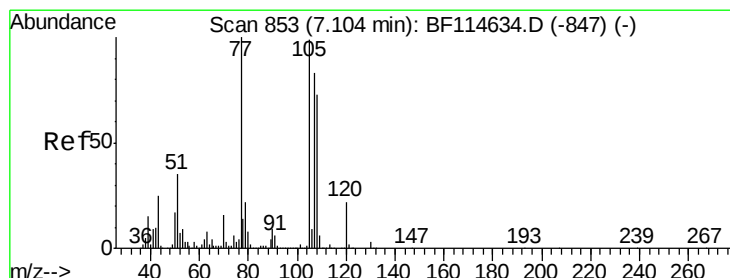
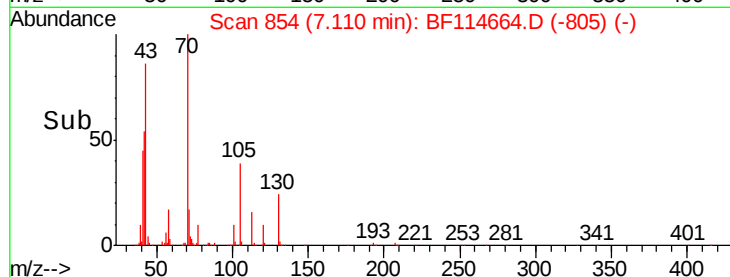
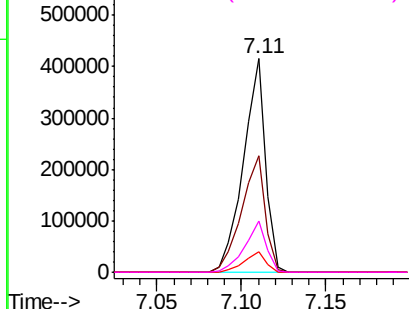
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

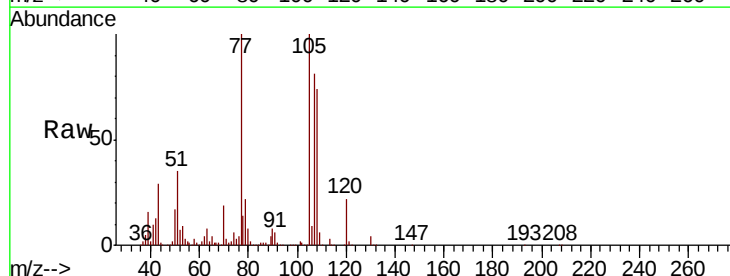
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 22.340 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:	107	Resp:	556324
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.6	108.6
77	122.8	100.5	140.5
79	26.7	7.0	47.0



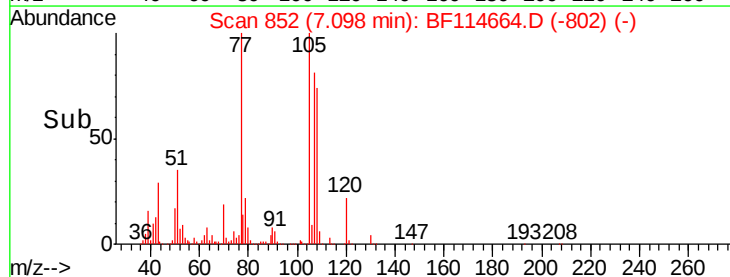
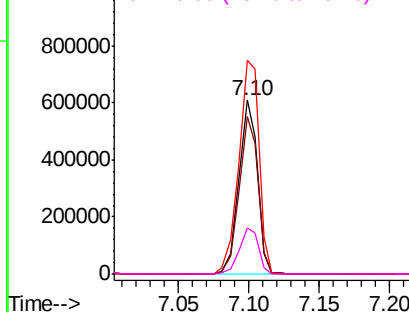
Abundance

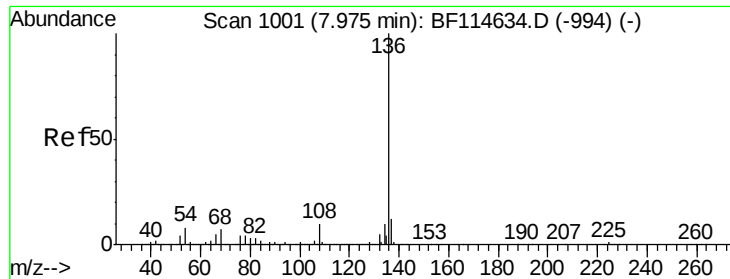
Ion 107.00 (106.70 to 107.70): E

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

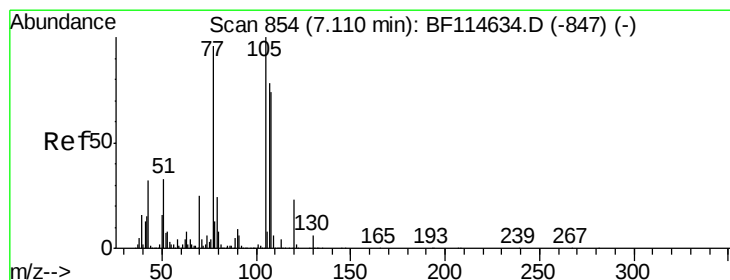
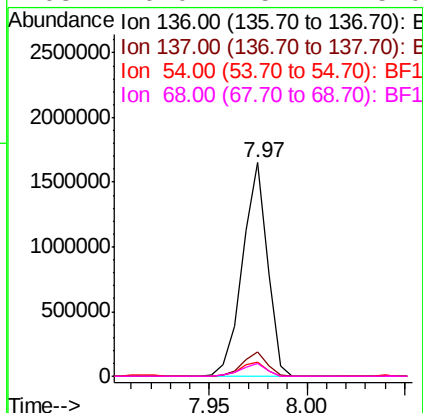
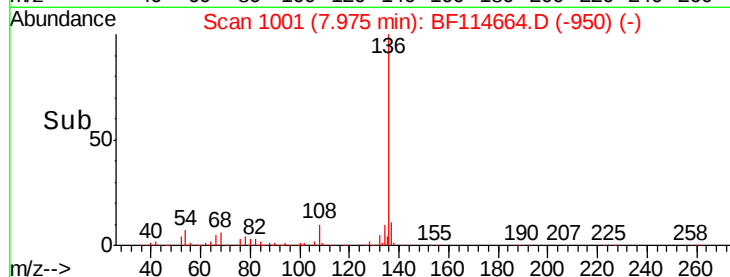
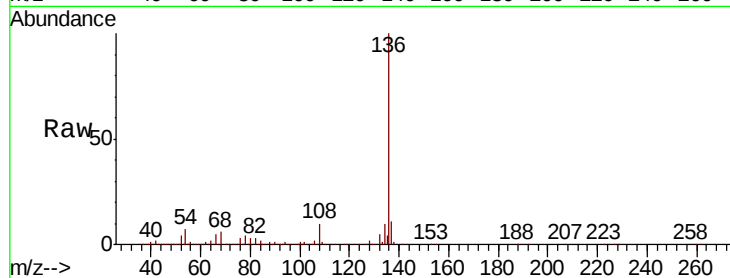




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

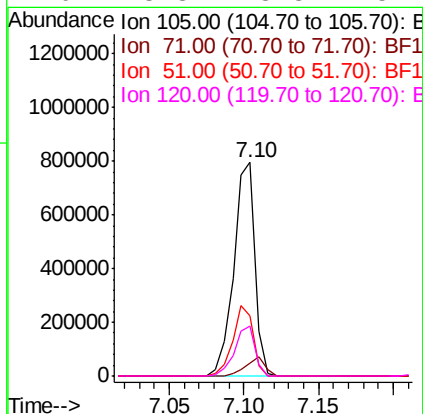
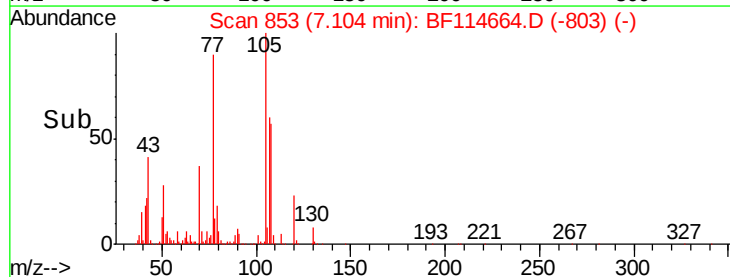
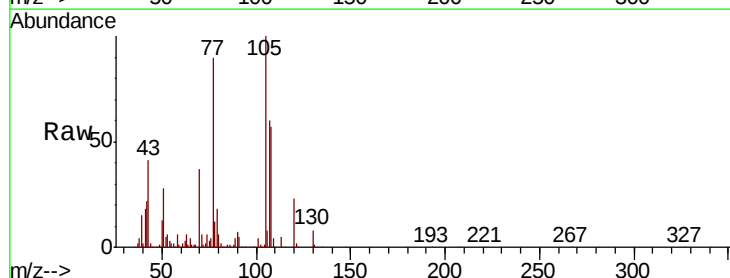
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

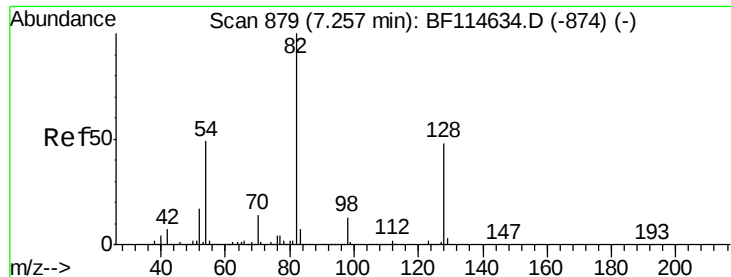
Tot Ion:136	Resp: 1460085
Ion Ratio	Lower Upper
136 100	
137 11.2	9.3 13.9
54 6.8	6.3 9.5
68 6.0	5.4 8.0



#22
Acetophenone
Concen: 25.389 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt	Ion:105	Resp:	789853
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.6	5.4#
51	28.4	26.0	39.0
120	23.3	18.8	28.2

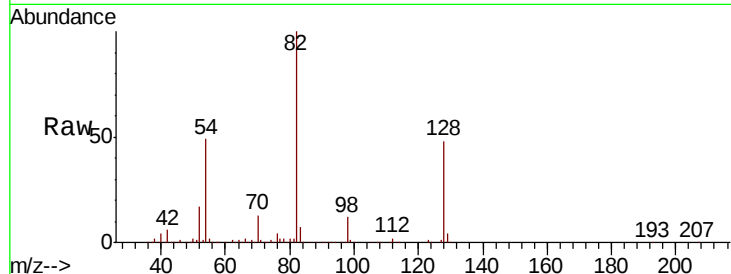




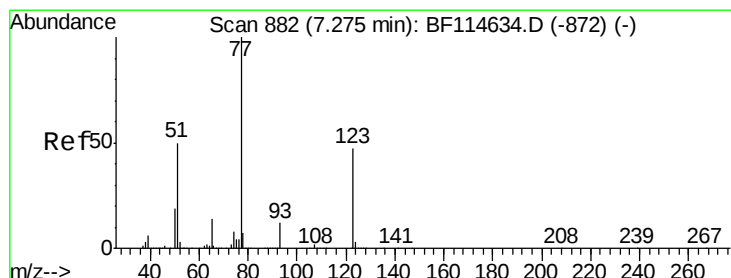
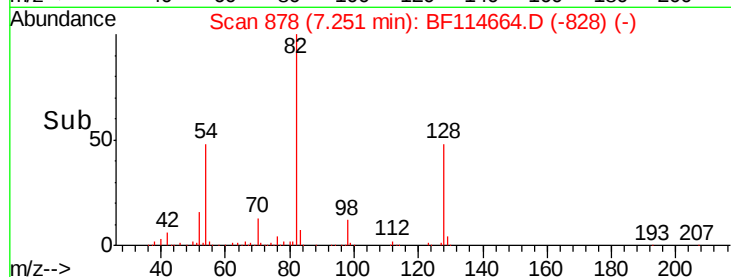
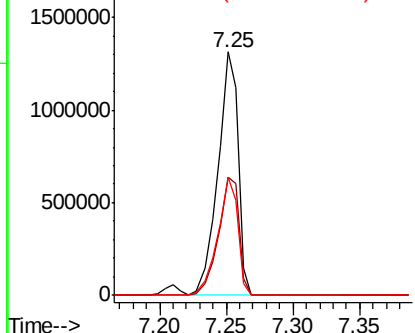
#23
 Nitrobenzene-d5
 Concen: 59.990 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion: 82 Resp: 1403948
 Ion Ratio Lower Upper
 82 100
 128 48.4 38.5 57.7
 54 48.5 39.1 58.7

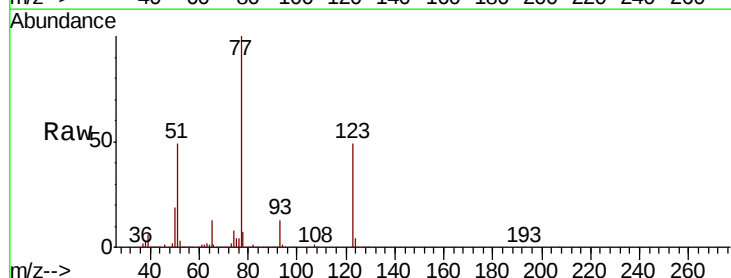


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

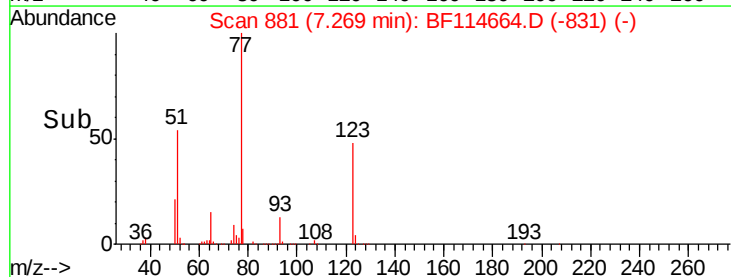
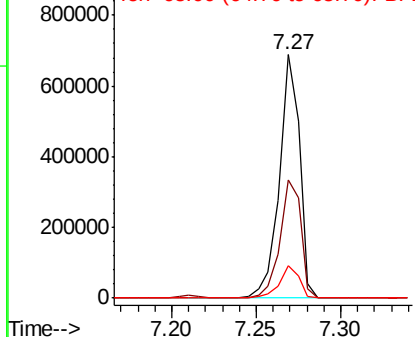


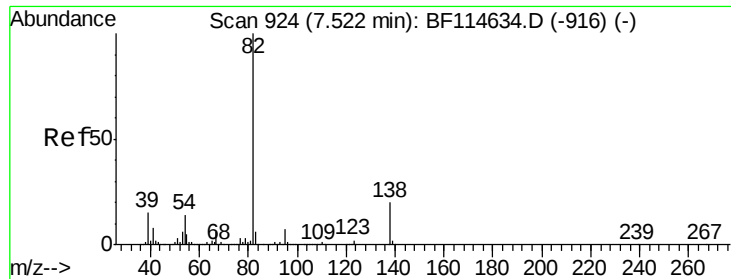
#24
 Nitrobenzene
 Concen: 22.955 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

Tgt Ion: 77 Resp: 570652
 Ion Ratio Lower Upper
 77 100
 123 48.6 38.5 57.7
 65 13.2 11.2 16.8



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: 22.004 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

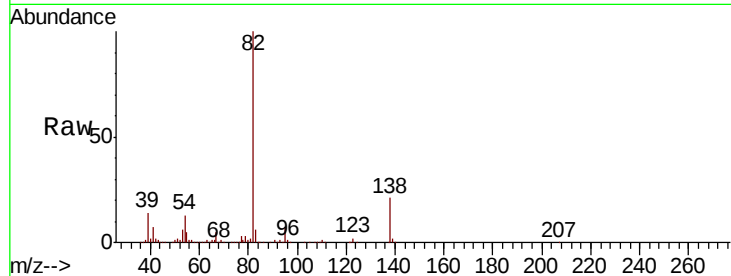
Tot Ion: 82 Resp: 1033475

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

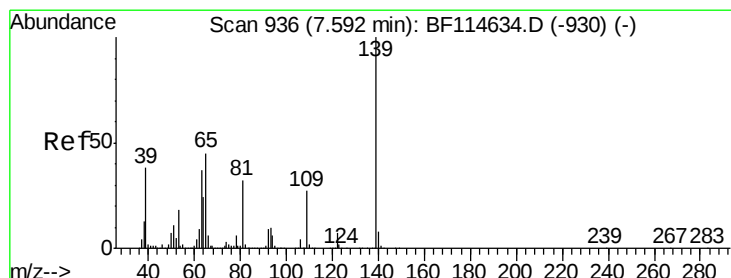
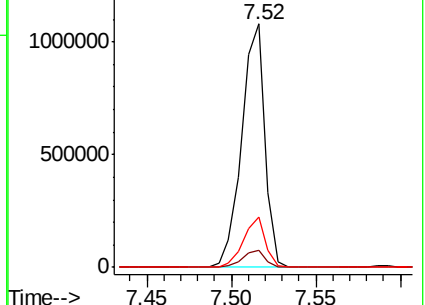
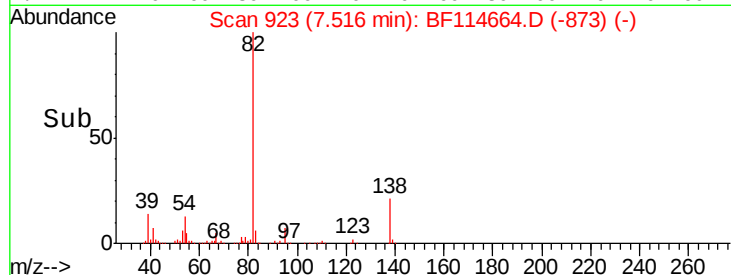
138 20.6 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 23.216 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

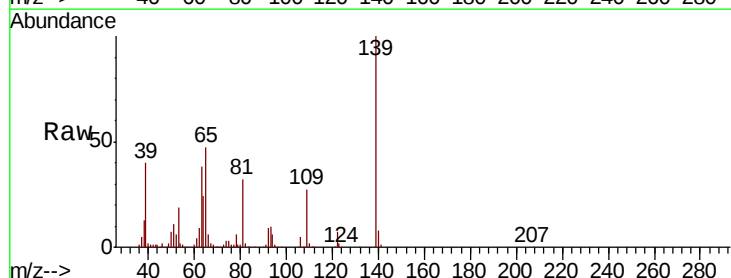
Tgt Ion: 139 Resp: 280935

Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

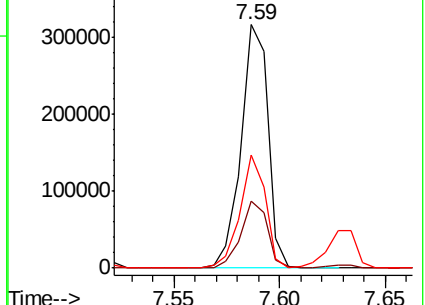
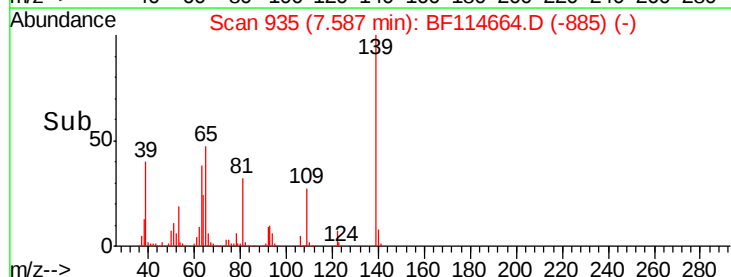
65 46.6 36.3 54.5

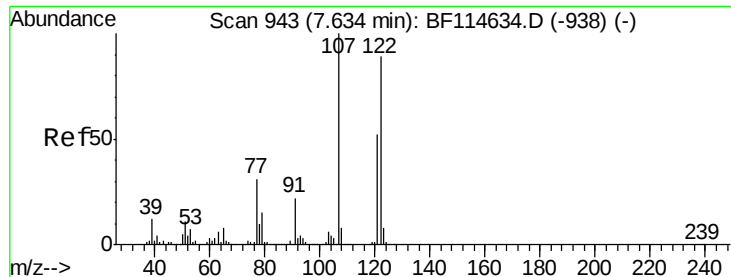


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 25.458 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

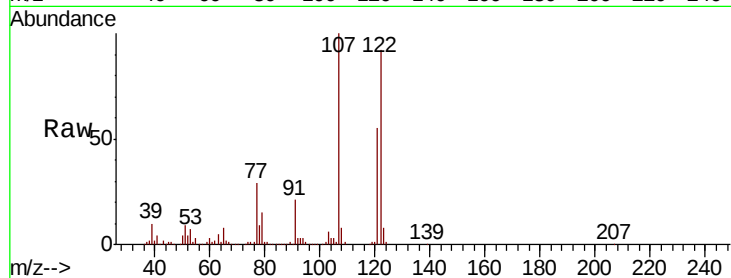
Tot Ion:122 Resp: 512357

Ion Ratio Lower Upper

122 100

107 108.6 89.3 133.9

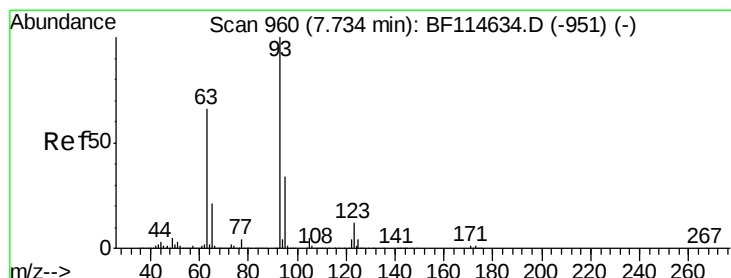
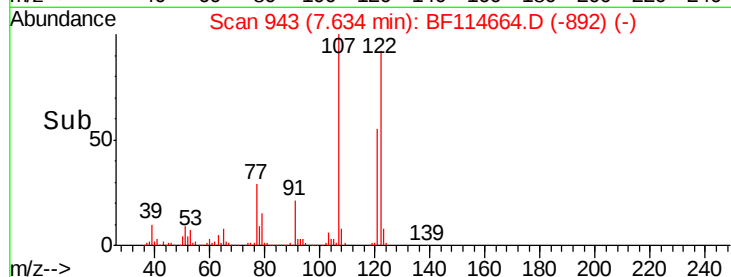
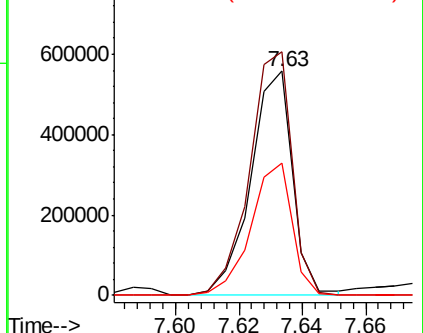
121 59.2 46.8 70.2



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: 22.363 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

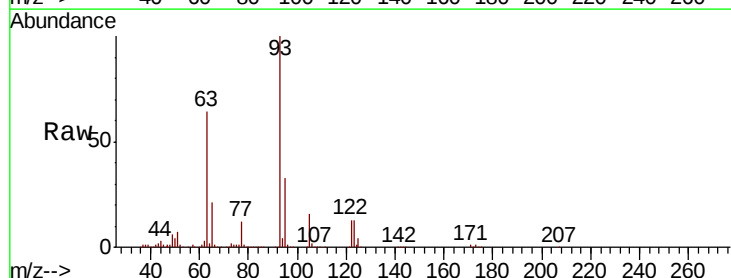
Tgt Ion: 93 Resp: 668590

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

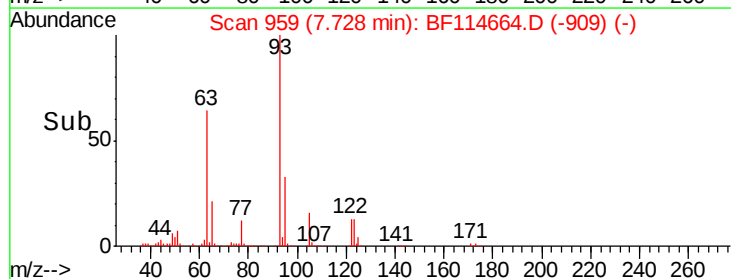
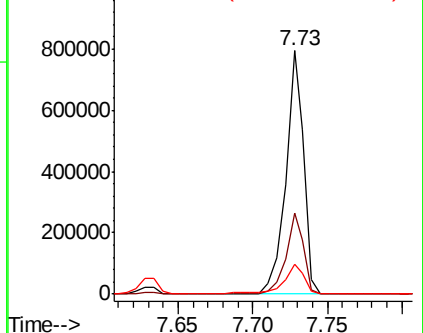
123 12.5 10.2 15.2

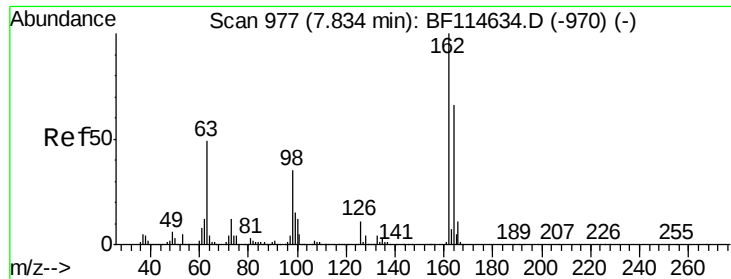


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

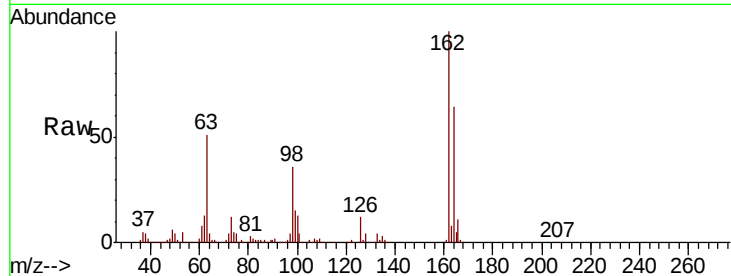




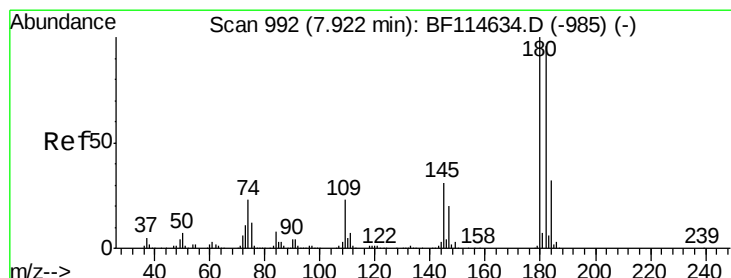
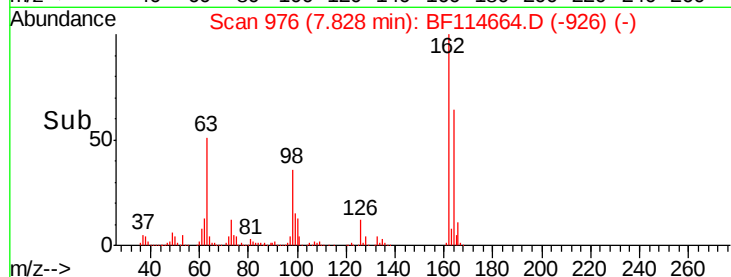
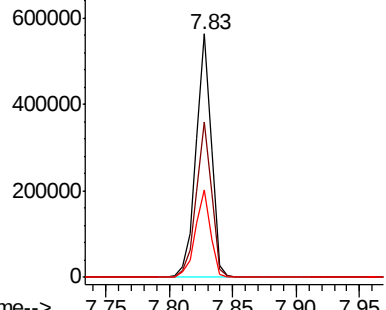
#29
2,4-Dichlorophenol
Concen: 23.293 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.8	85.8
98	35.8	14.9	54.9

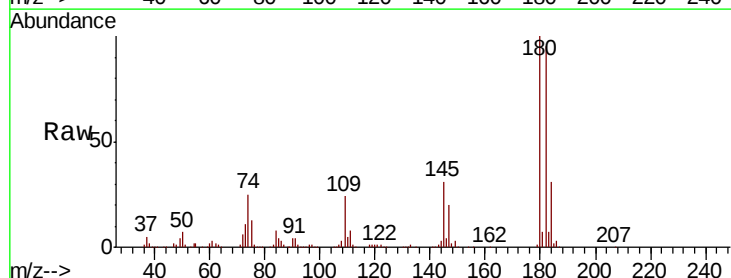


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

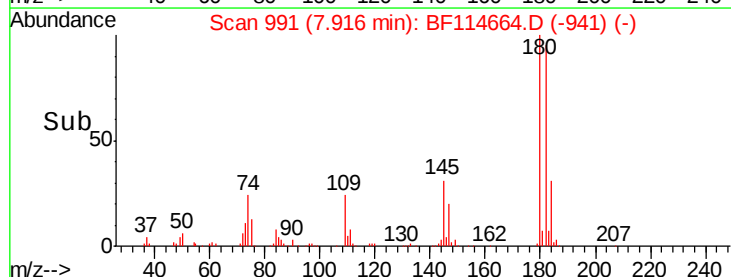
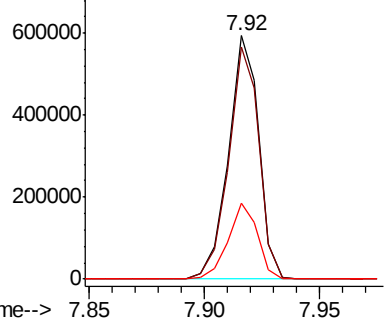


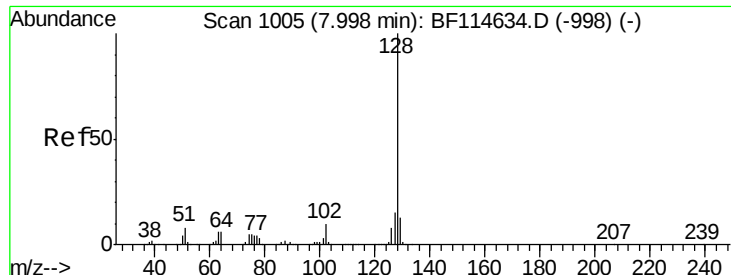
#30
1,2,4-Trichlorobenzene
Concen: 23.259 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
145	31.2	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

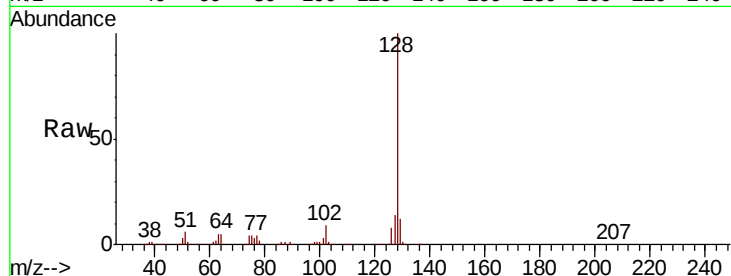




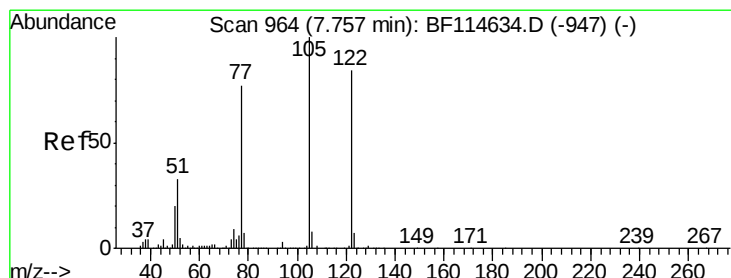
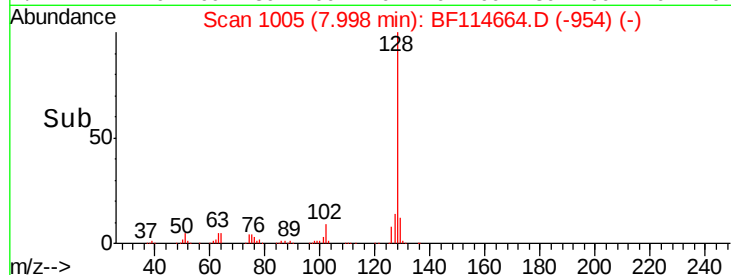
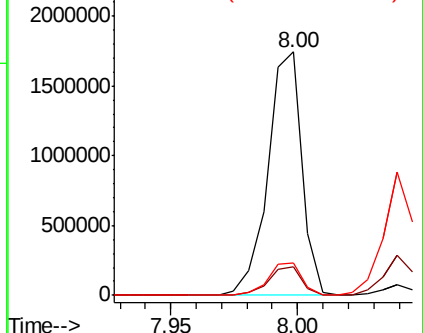
#31
Naphthalene
Concen: 24.402 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:128 Resp: 1641136
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.5 11.9 17.9

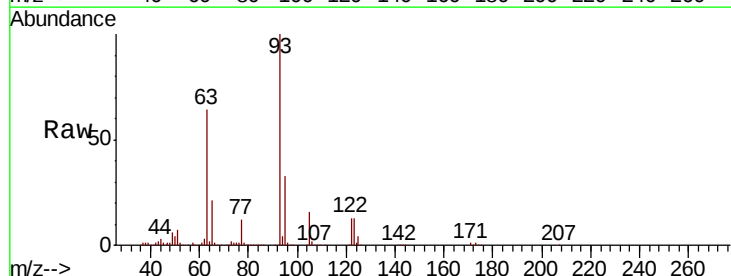


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

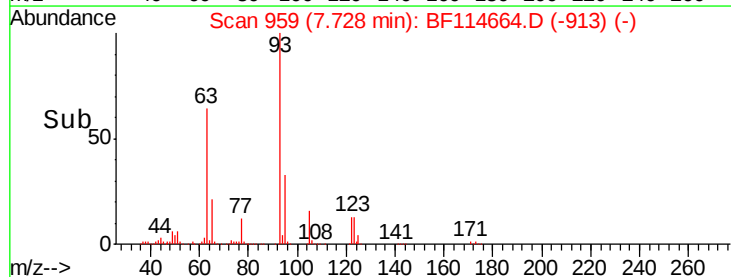
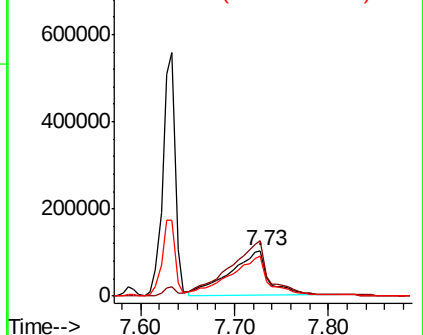


#32
Benzoic acid
Concen: 23.047 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:122 Resp: 301266
Ion Ratio Lower Upper
122 100
105 120.2 98.3 138.3
77 87.9 70.7 110.7



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

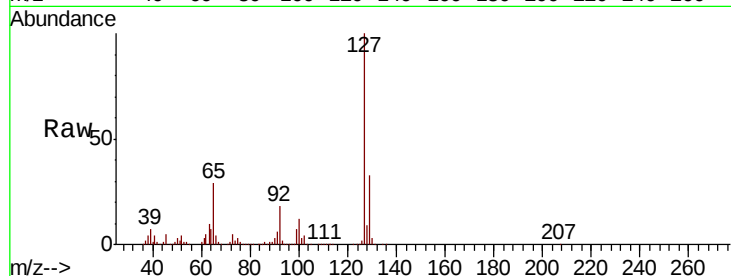




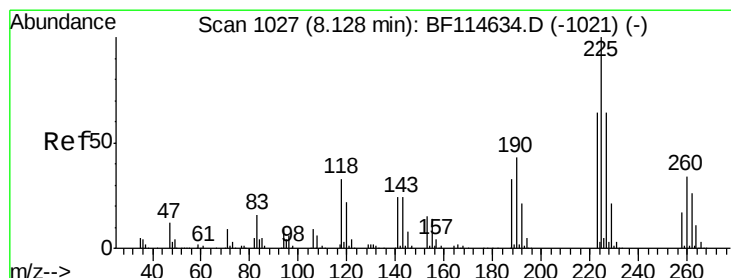
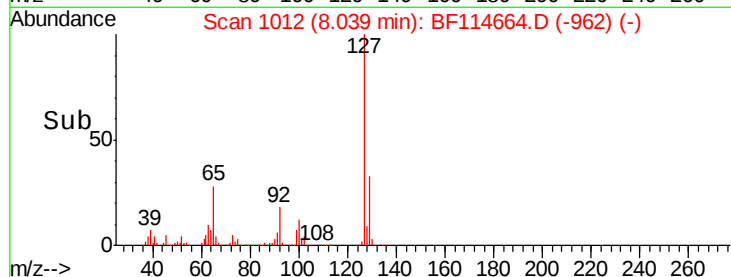
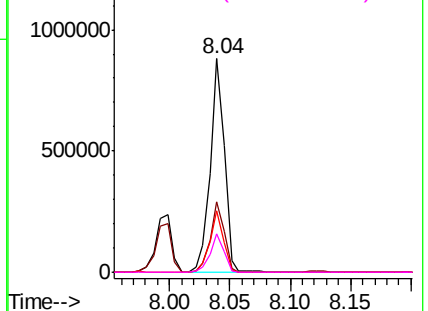
#33
4-Chloroaniline
Concen: 22.205 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:	127	Resp:	711505
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	28.6	22.5	33.7
92	18.2	14.6	22.0

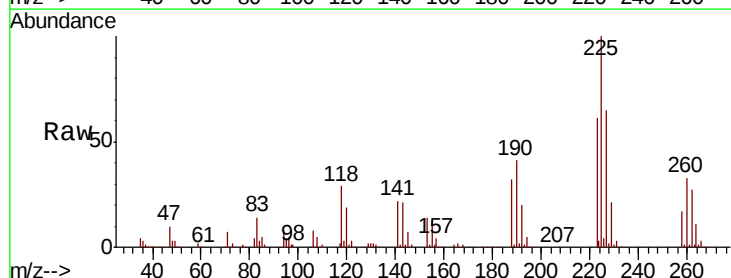


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

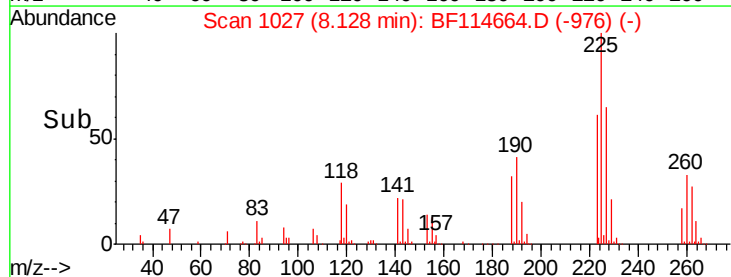
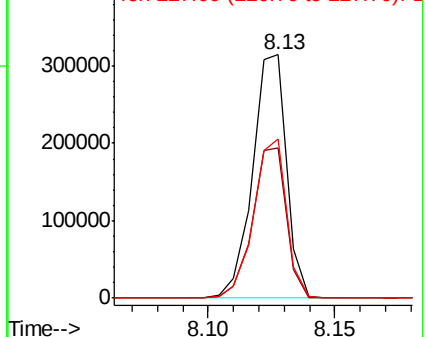


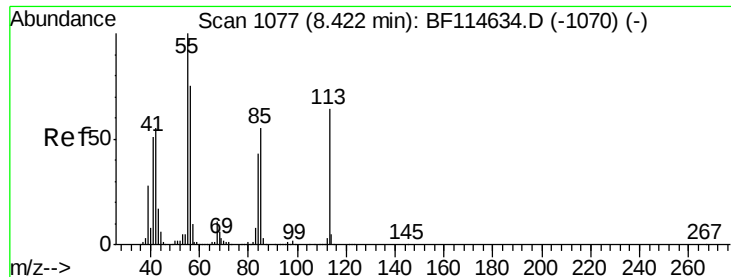
#34
Hexachlorobutadiene
Concen: 22.599 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:	225	Resp:	292999
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	65.4	51.3	76.9



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

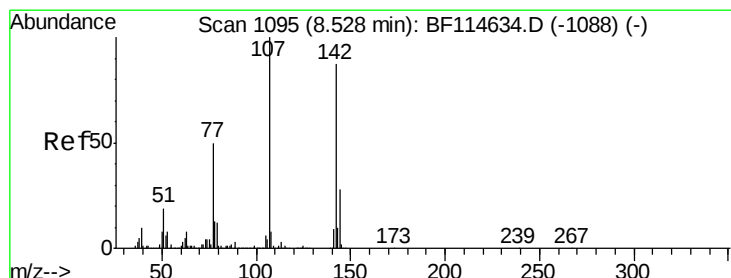
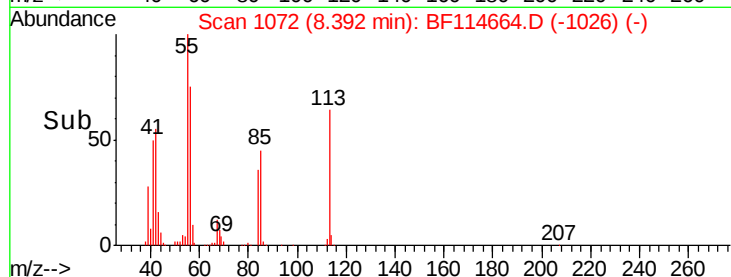
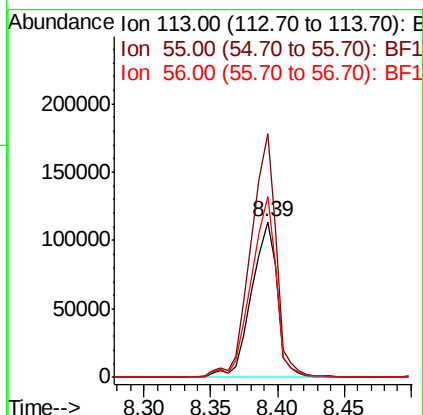
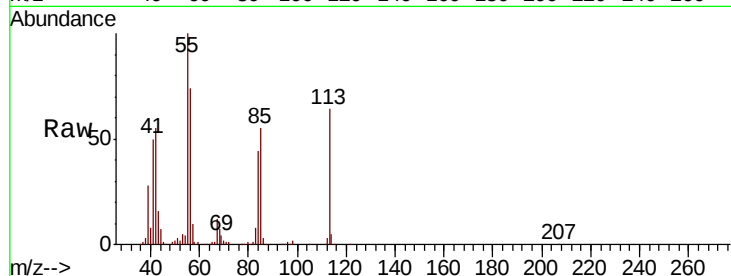




#35
 Caprolactam
 Concen: 21.579 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

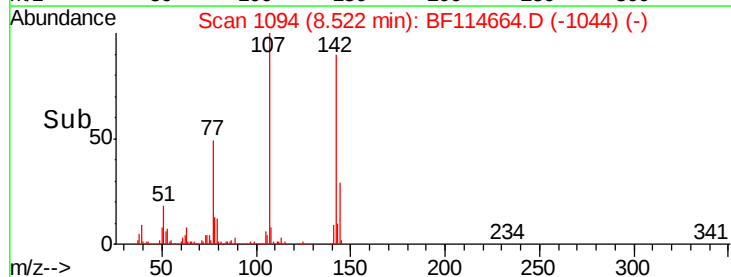
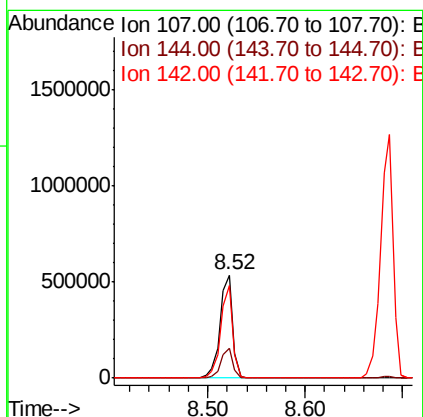
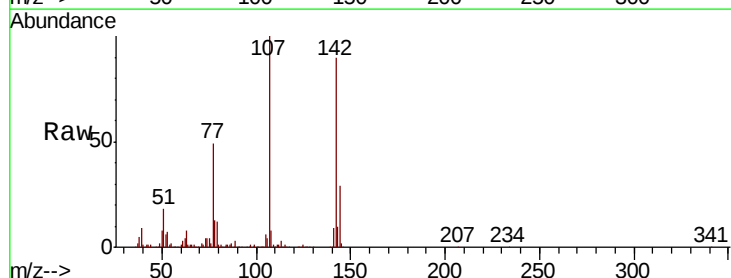
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

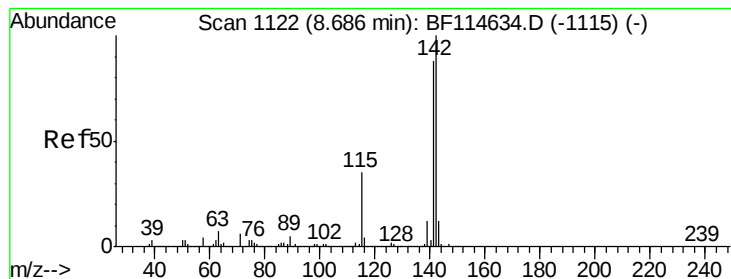
Tot Ion:113 Resp: 149174
 Ion Ratio Lower Upper
 113 100
 55 156.2 136.4 176.4
 56 116.4 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 23.327 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

Tgt Ion:107 Resp: 479208
 Ion Ratio Lower Upper
 107 100
 144 29.2 22.5 33.7
 142 89.5 69.8 104.6

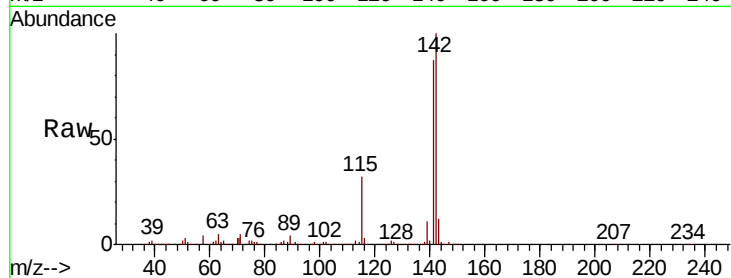




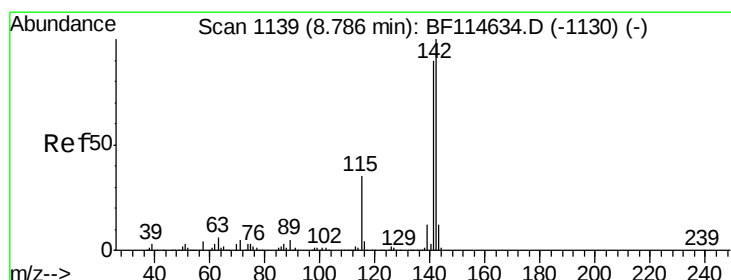
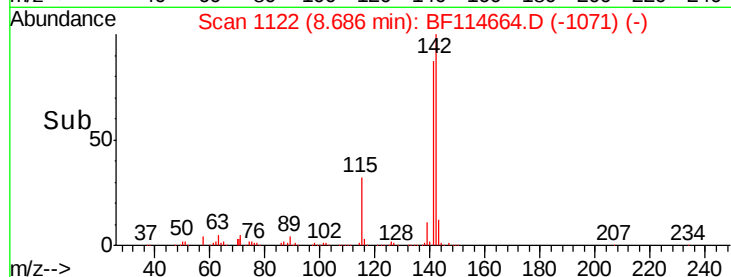
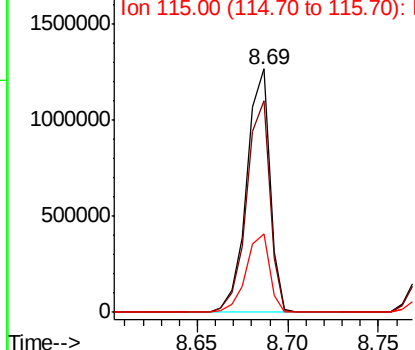
#37
2-Methylnaphthalene
Concen: 25.221 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:142 Resp: 1127006
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 32.1 28.0 42.0

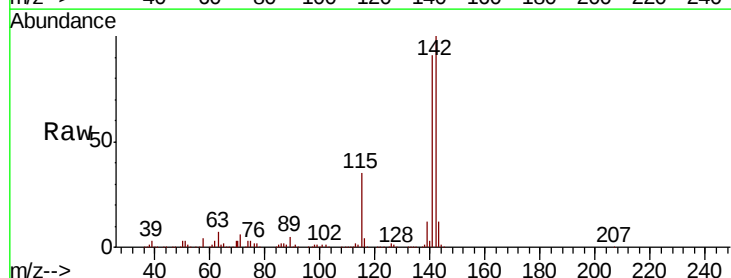


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

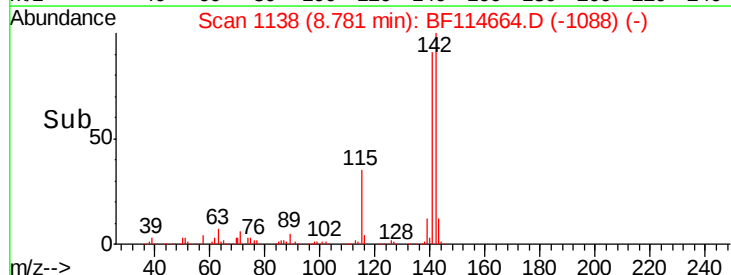
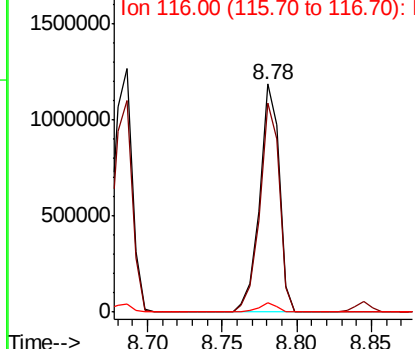


#38
1-Methylnaphthalene
Concen: 25.036 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:142 Resp: 1059937
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
116 3.8 3.0 4.4



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

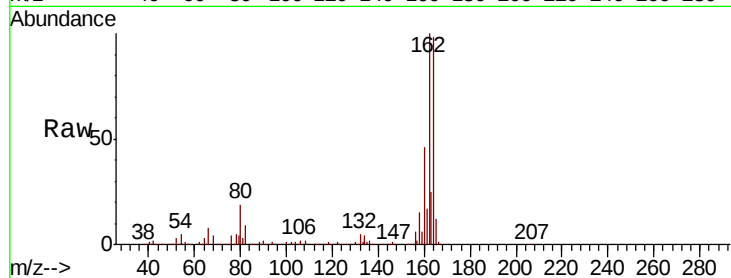
Tot Ion:164 Resp: 721762

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.2

160 46.9 36.6 54.8

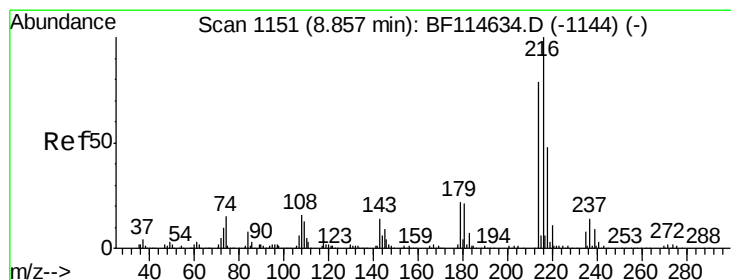
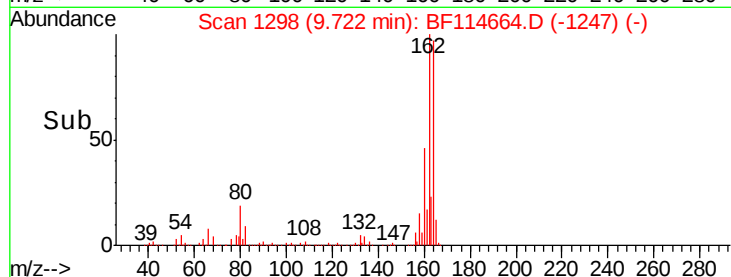
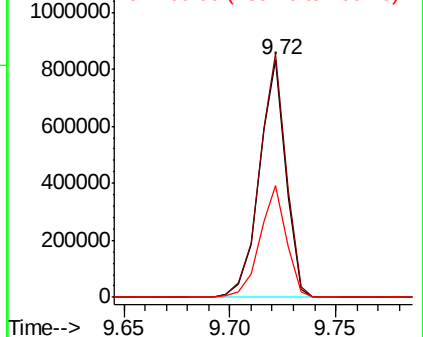


Abundance

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: 26.550 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Tgt Ion:216 Resp: 510326

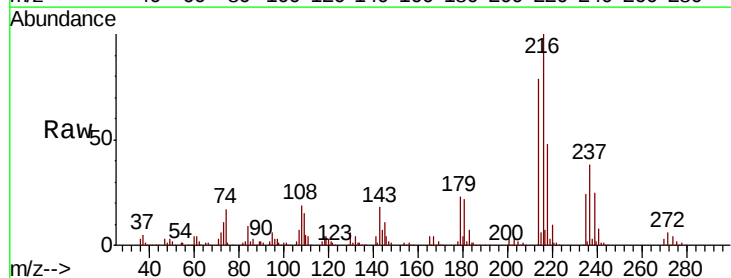
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 22.4 17.9 26.9

108 19.8 15.8 23.8



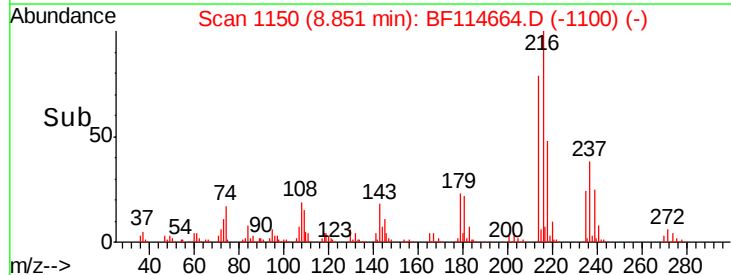
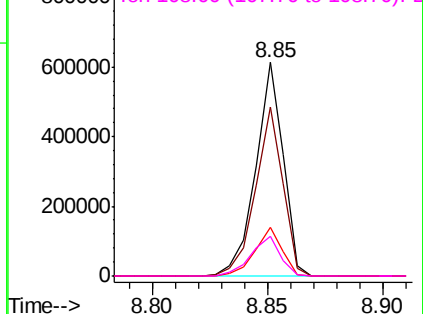
Abundance

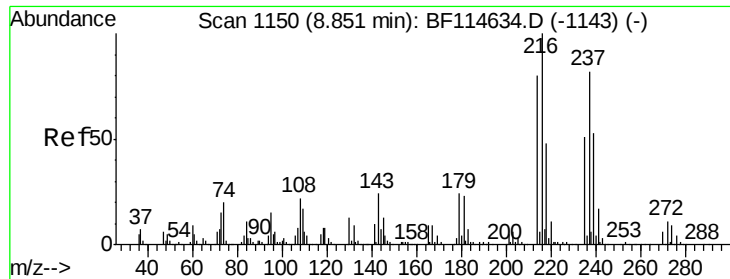
Ion 216.00 (215.70 to 216.70): E

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: 25.197 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

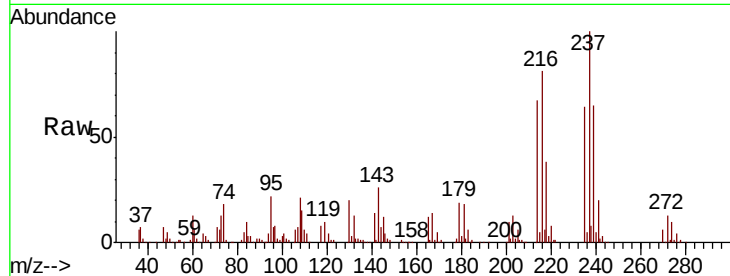
Tot Ion:237 Resp: 320046

Ion Ratio Lower Upper

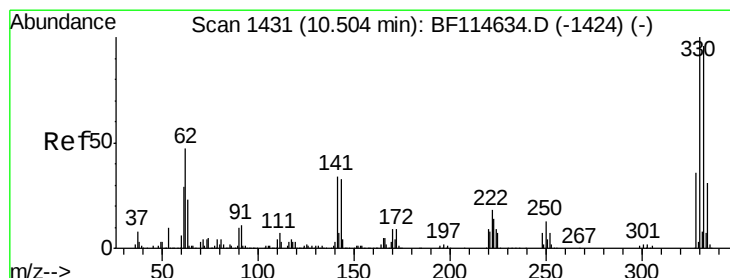
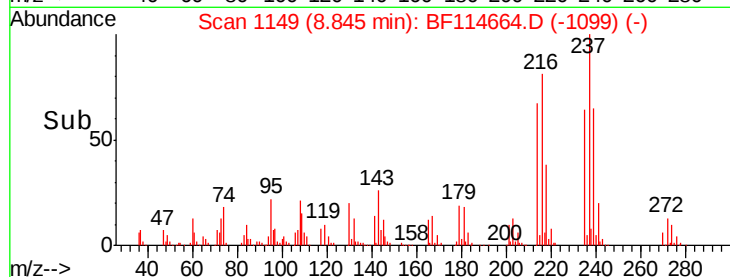
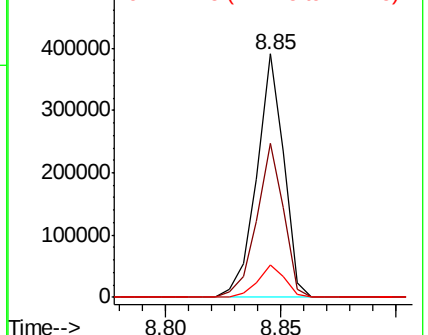
237 100

235 63.5 42.8 82.8

272 13.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 98.787 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

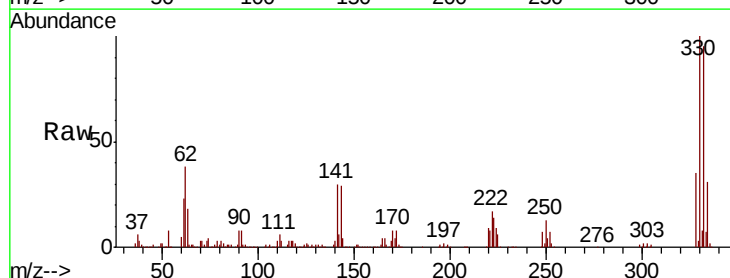
Tgt Ion:330 Resp: 679381

Ion Ratio Lower Upper

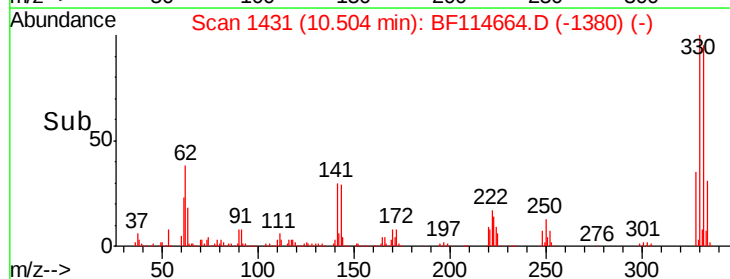
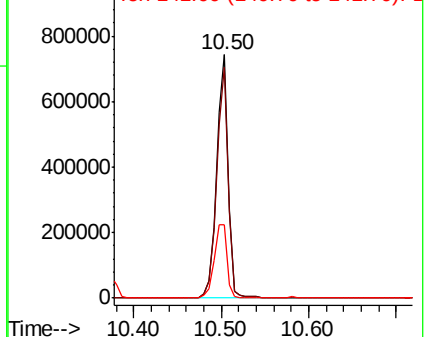
330 100

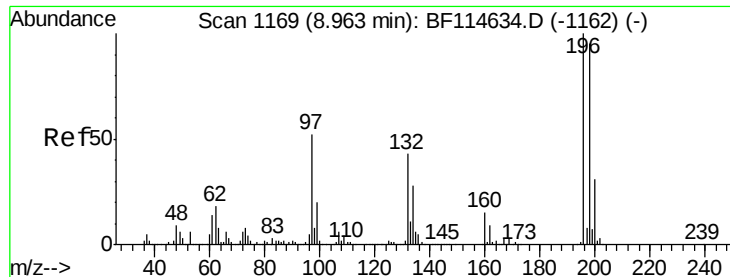
332 95.1 75.8 113.8

141 34.1 27.8 41.8



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

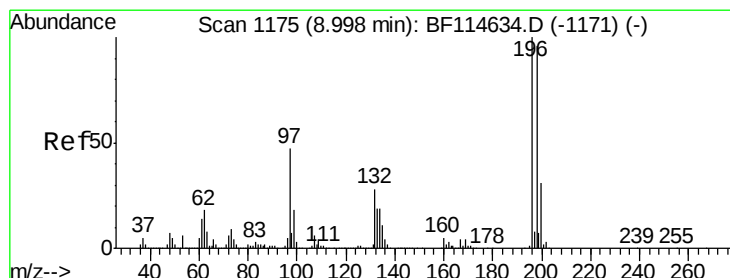
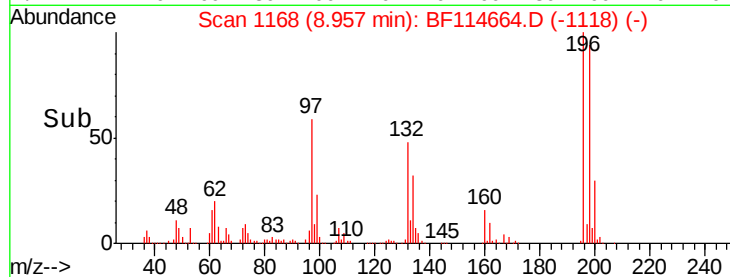
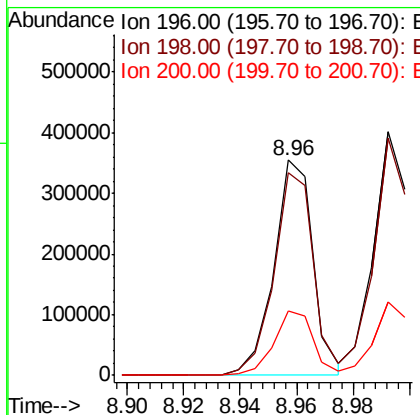
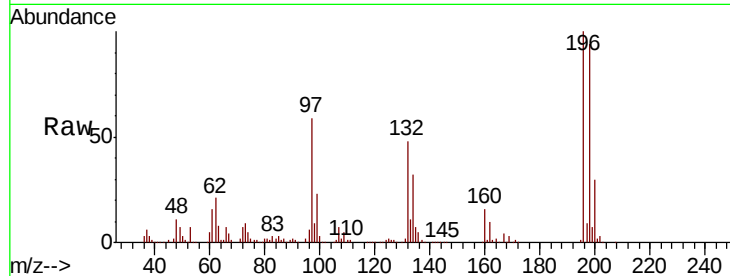




#43
 2,4,6-Trichlorophenol
 Concen: 22.515 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

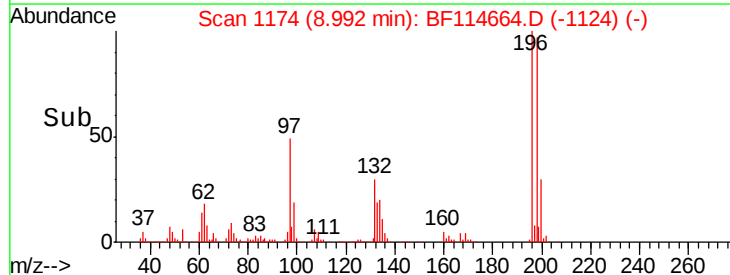
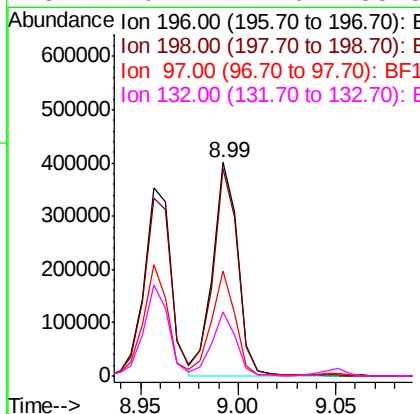
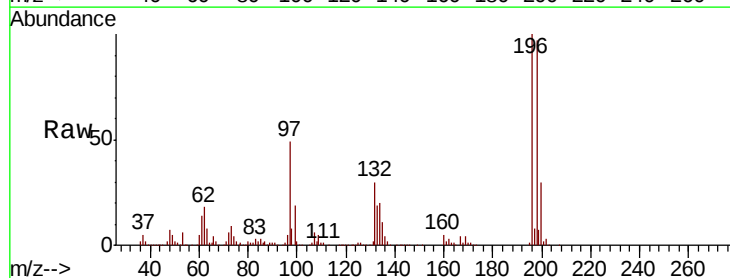
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

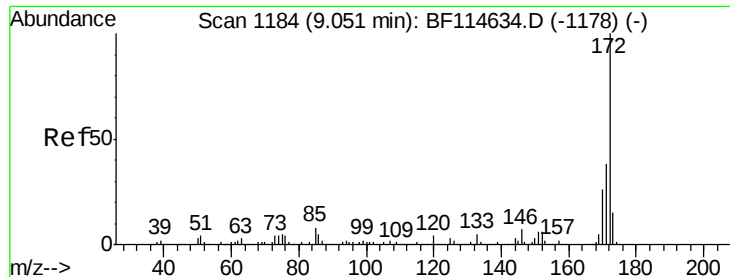
Tot Ion:196 Resp: 340514
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.1 114.1
 200 30.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 23.575 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

Tgt Ion:196 Resp: 355800
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.8 115.2
 97 49.1 37.8 56.8
 132 29.7 22.6 33.8

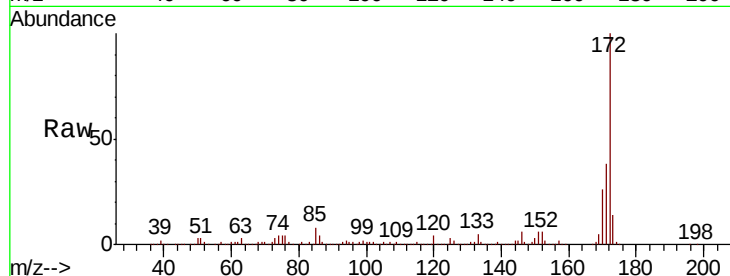




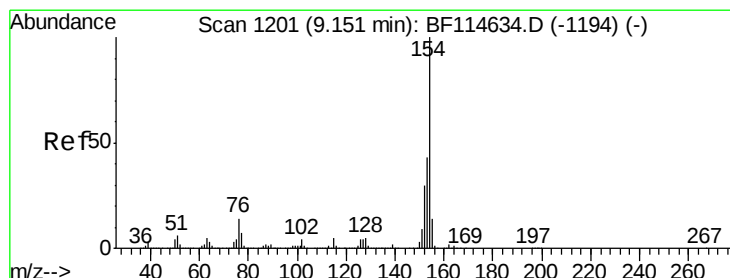
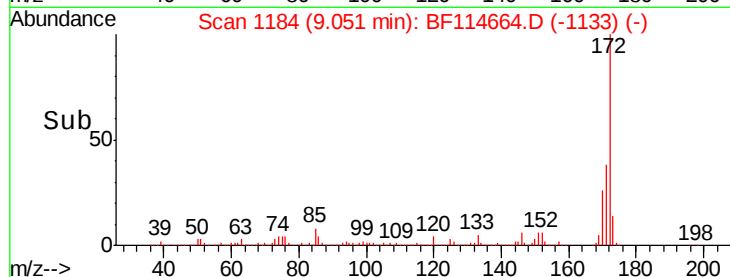
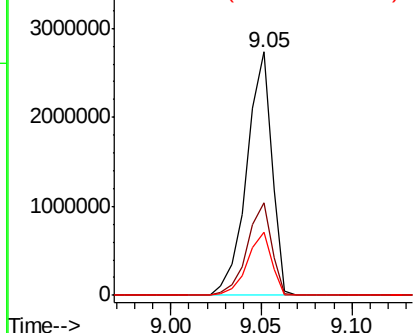
#45
2-Fluorobiphenyl
Concen: 60.502 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:172 Resp: 2628426
Ion Ratio Lower Upper
172 100
171 38.2 30.6 45.8
170 26.0 20.7 31.1

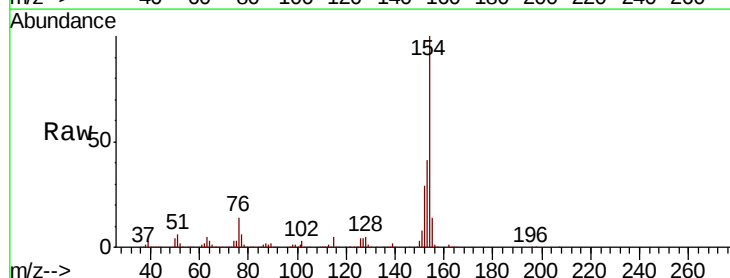


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

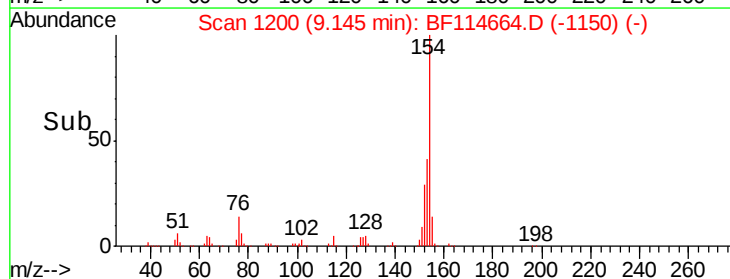
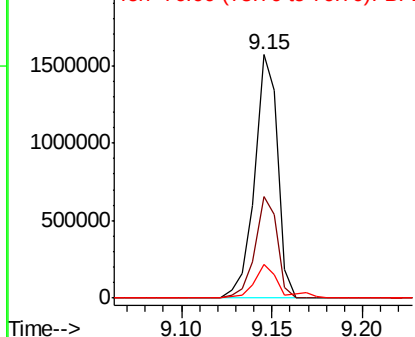


#46
1,1'-Biphenyl
Concen: 25.709 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:154 Resp: 1377410
Ion Ratio Lower Upper
154 100
153 41.5 23.0 63.0
76 14.0 0.0 33.9



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





#47

2-Chloronaphthalene

Concen: 23.892 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

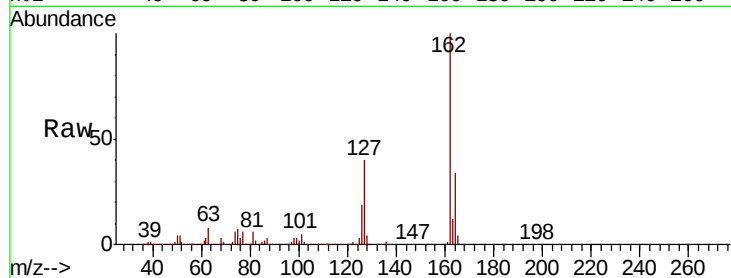
Tot Ion:162 Resp: 1050018

Ion Ratio Lower Upper

162 100

127 39.8 32.2 48.2

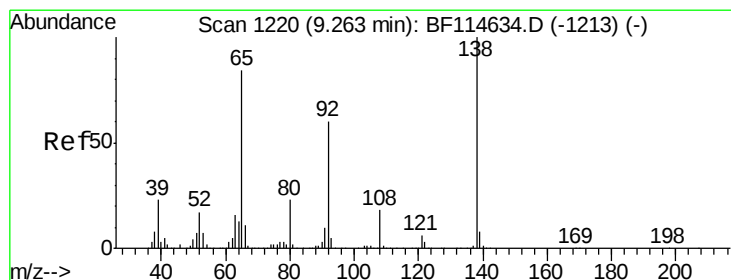
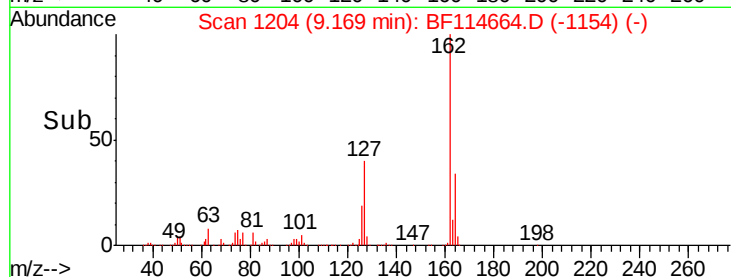
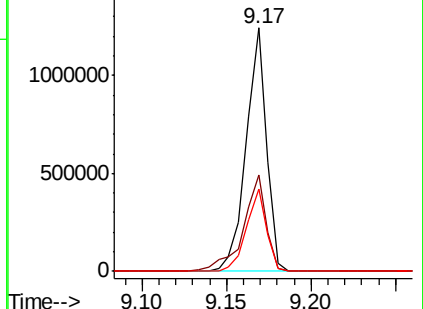
164 33.6 27.8 41.6



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: 20.925 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

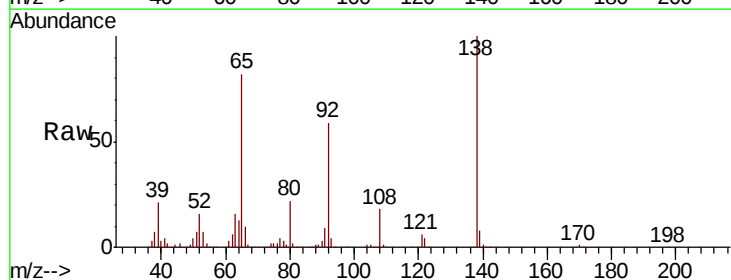
Tgt Ion: 65 Resp: 283792

Ion Ratio Lower Upper

65 100

92 72.3 57.1 85.7

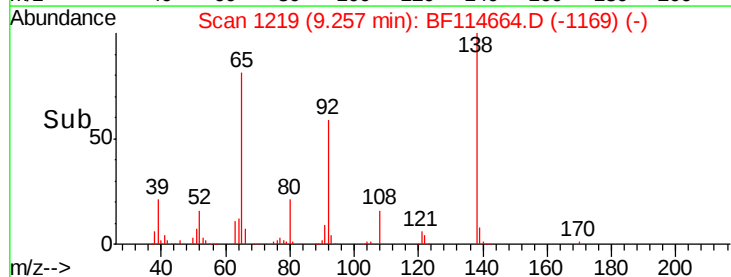
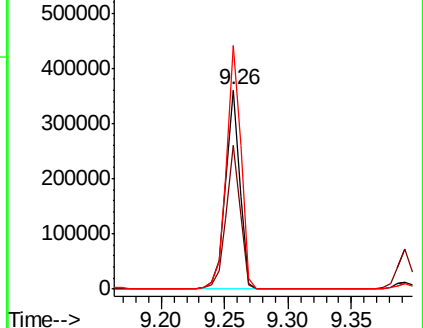
138 122.3 95.8 143.6

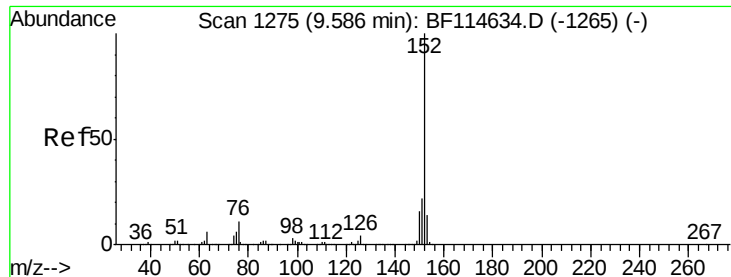


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 24.183 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

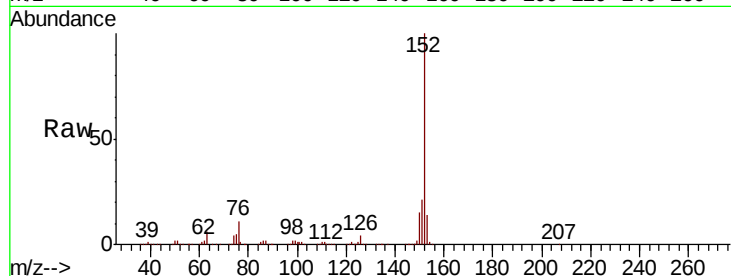
Tot Ion:152 Resp: 1641930

Ion Ratio Lower Upper

152 100

151 21.1 17.5 26.3

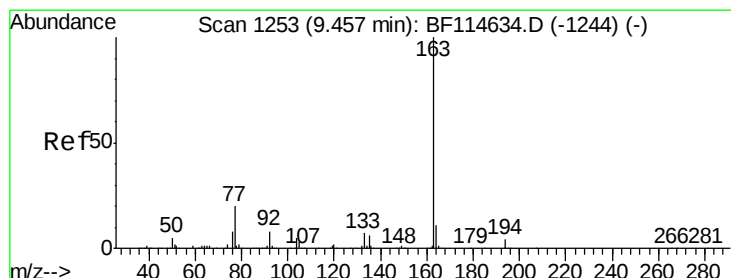
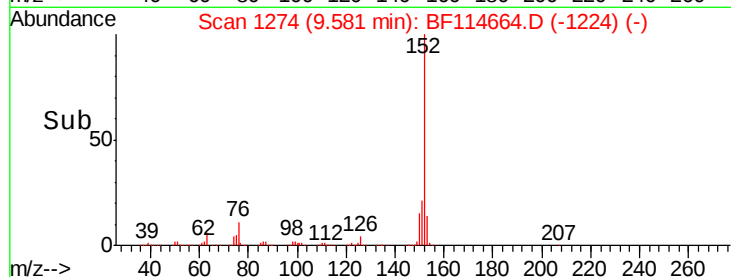
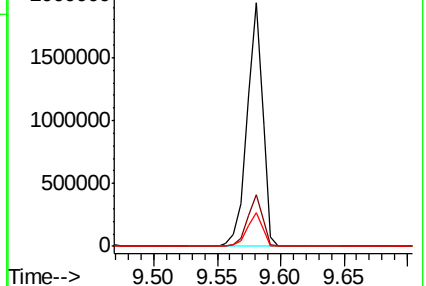
153 14.1 11.6 17.4



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: 23.596 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

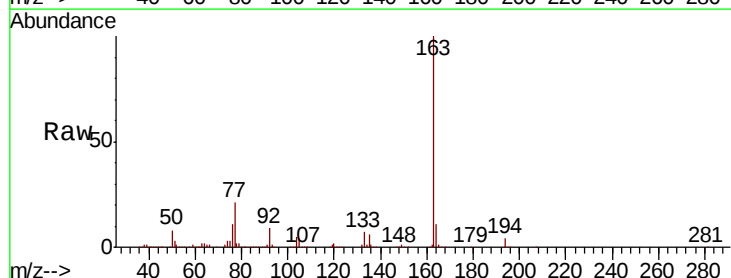
Tgt Ion:163 Resp: 1186725

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

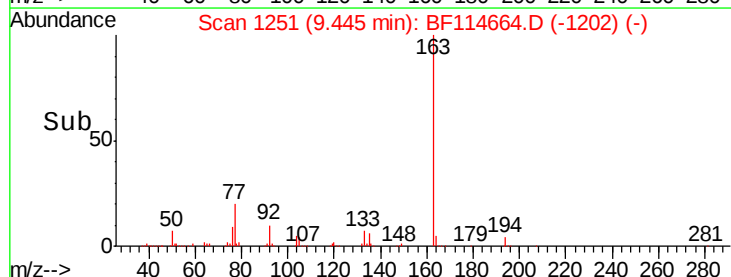
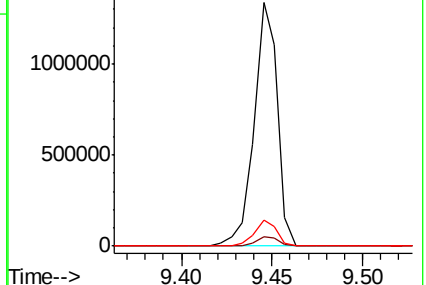
164 10.7 8.6 13.0

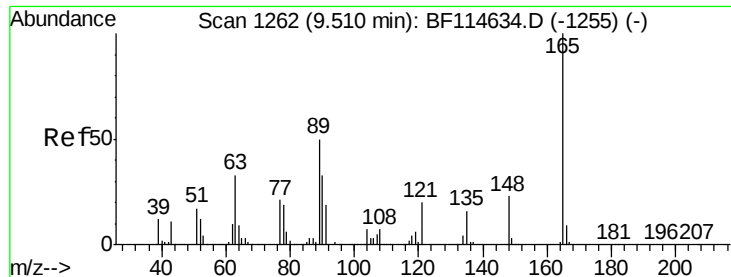


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 22.792 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

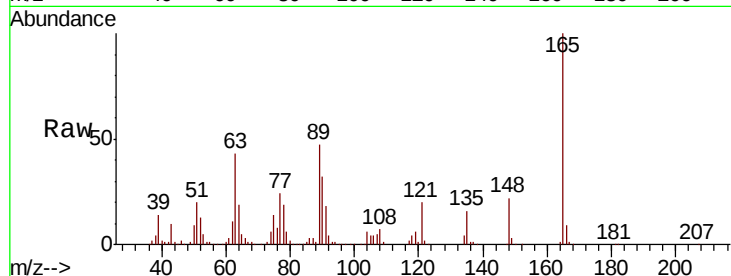
Tot Ion:165 Resp: 266356

Ion Ratio Lower Upper

165 100

63 43.3 36.6 54.8

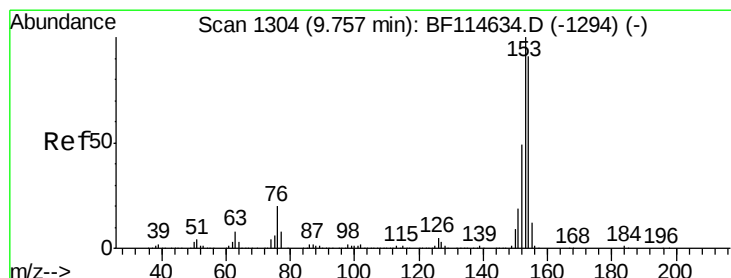
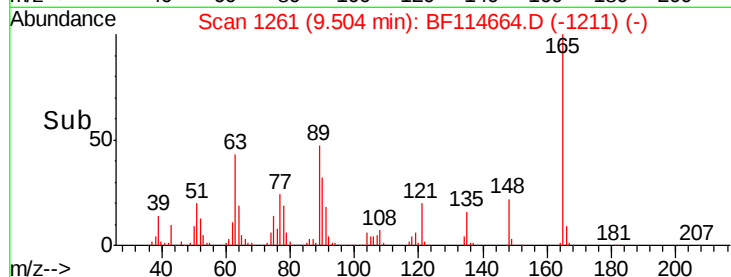
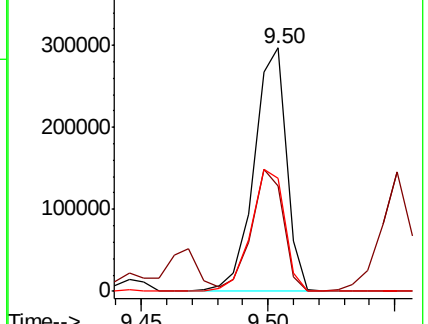
89 46.6 40.2 60.4



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: 24.060 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

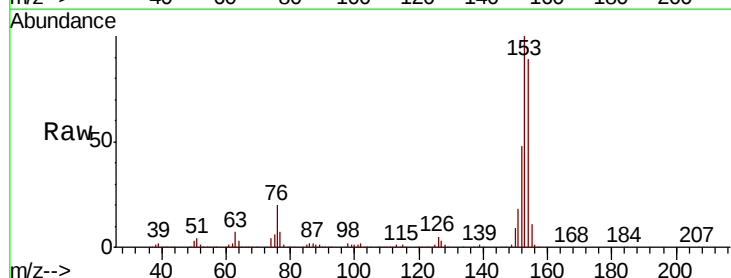
Tgt Ion:154 Resp: 1001845

Ion Ratio Lower Upper

154 100

153 111.8 88.4 132.6

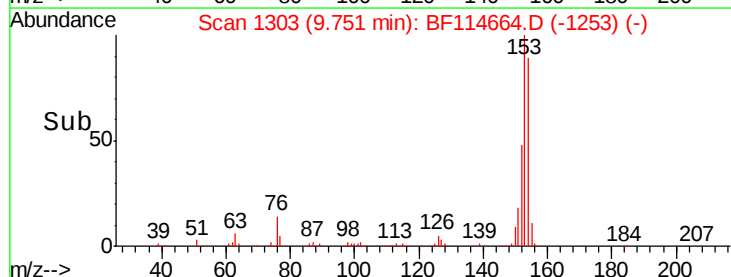
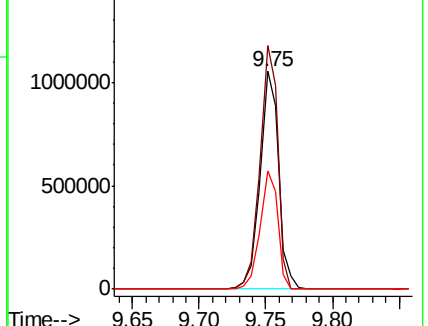
152 54.2 43.4 65.0

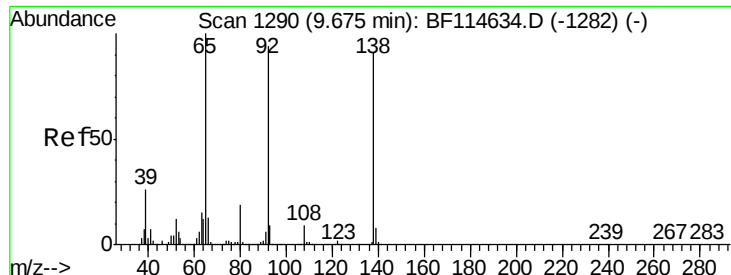


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

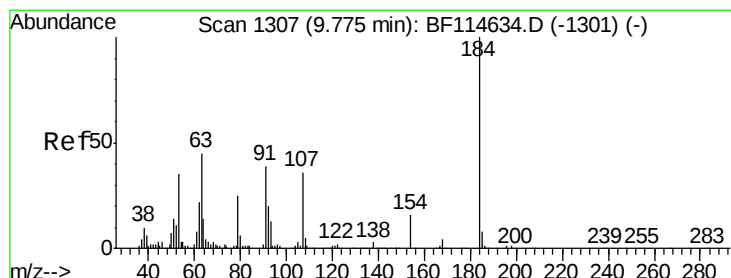
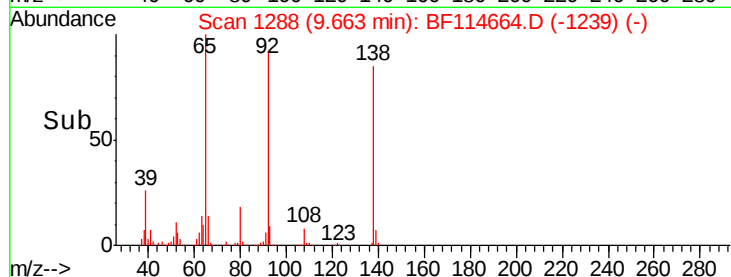
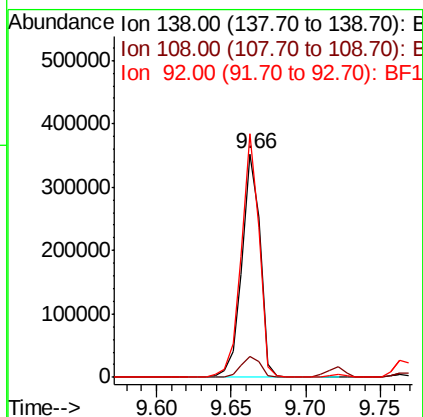
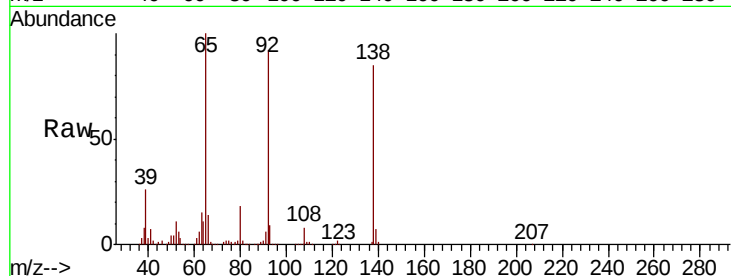




#53
3-Nitroaniline
Concen: 20.917 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

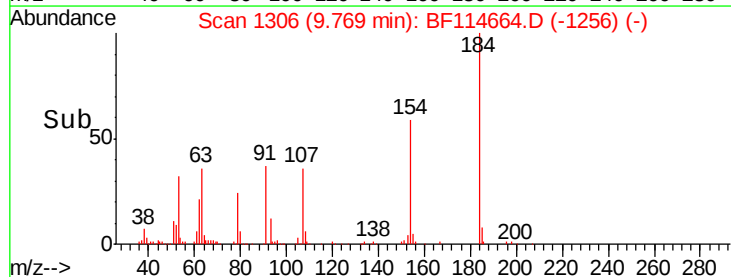
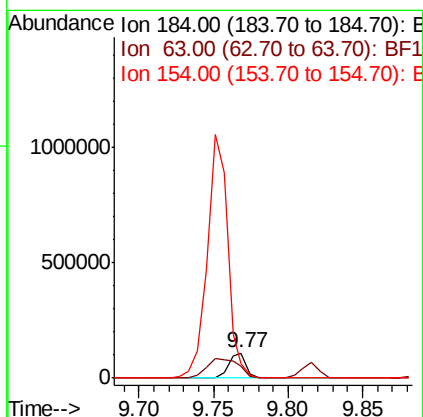
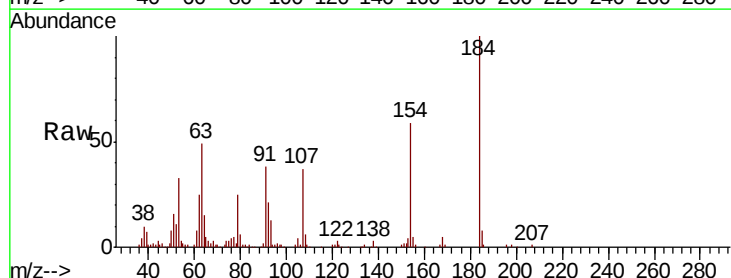
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

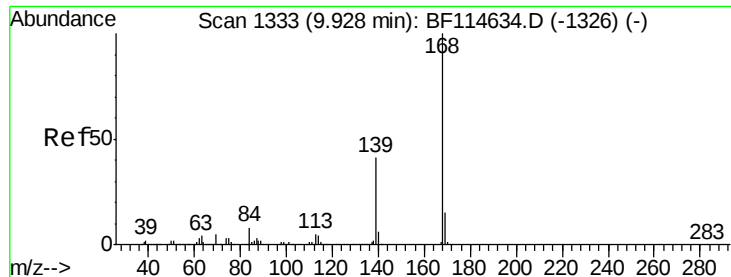
Tot Ion:138 Resp: 299173
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 108.9 83.1 124.7



#54
2,4-Dinitrophenol
Concen: 19.627 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:184 Resp: 90475
Ion Ratio Lower Upper
184 100
63 48.9 38.8 58.2
154 59.0 43.7 65.5

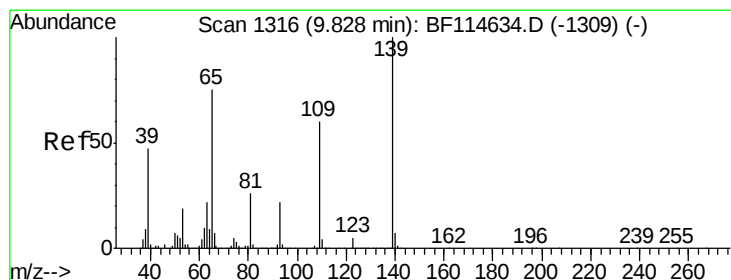
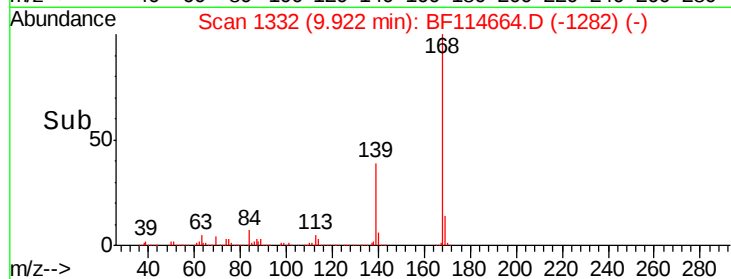
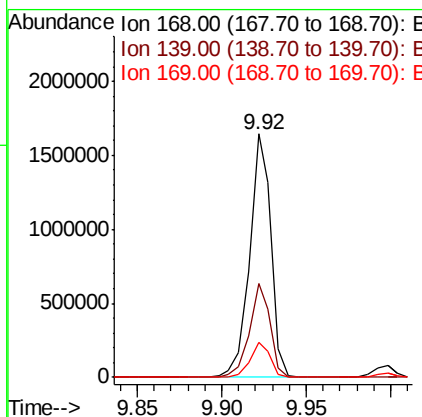
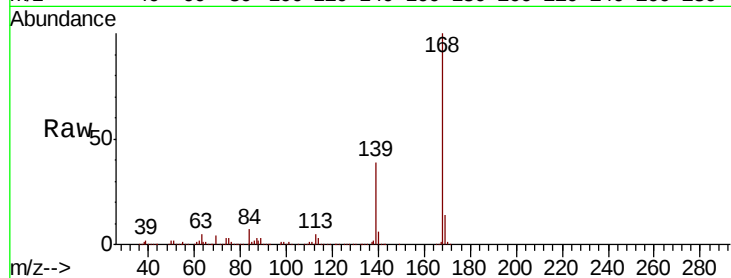




#55
Dibenzofuran
Concen: 24.443 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

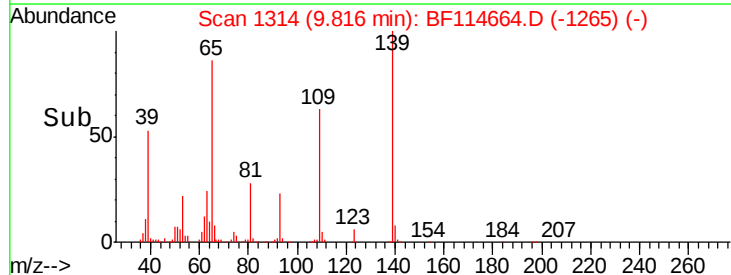
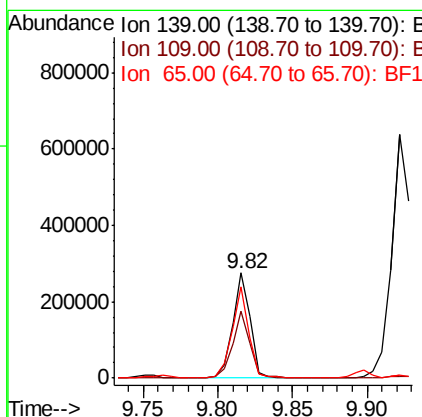
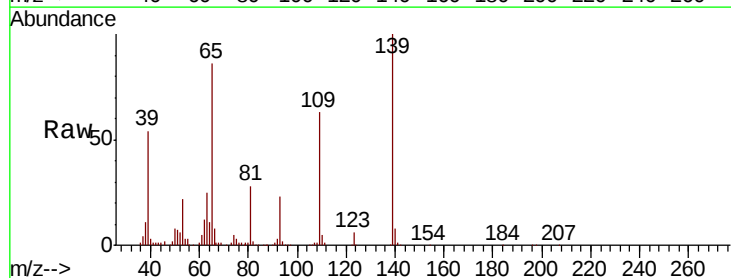
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

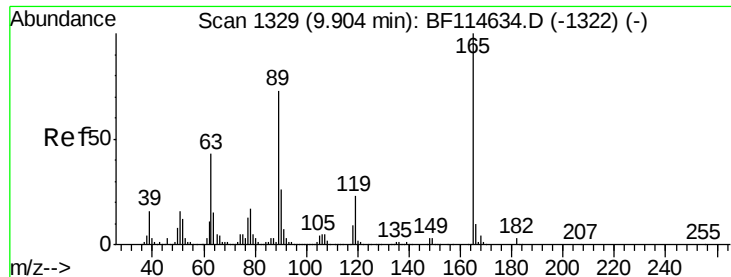
Tot Ion:168 Resp: 1448755
Ion Ratio Lower Upper
168 100
139 38.8 32.6 48.8
169 14.2 11.8 17.8



#56
4-Nitrophenol
Concen: 21.910 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:139 Resp: 232228
Ion Ratio Lower Upper
139 100
109 63.1 40.4 80.4
65 86.2 54.7 94.7

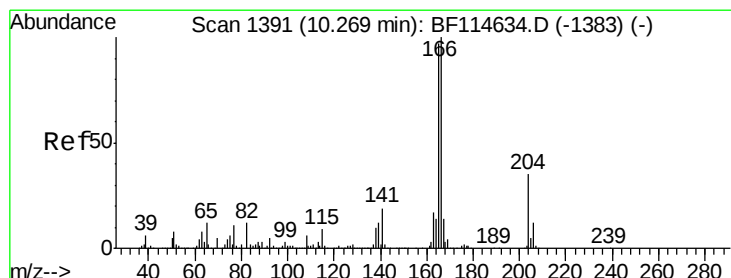
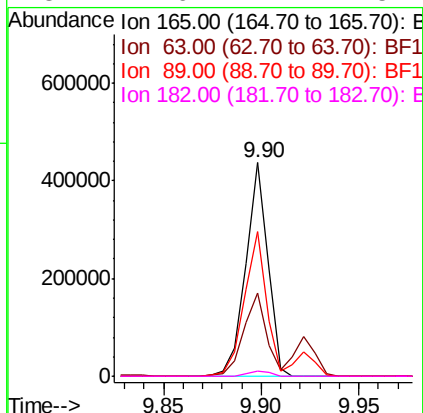
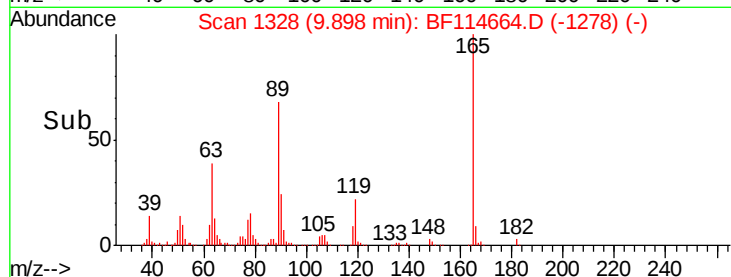
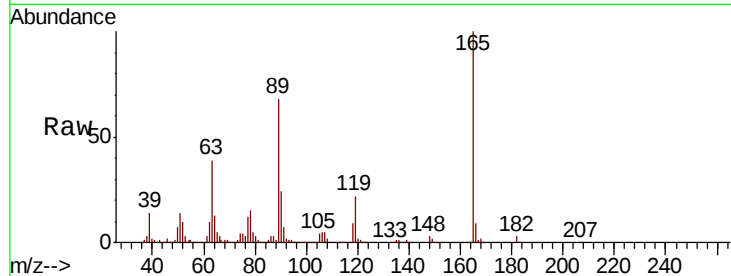




#57
2,4-Dinitrotoluene
Concen: 22.923 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

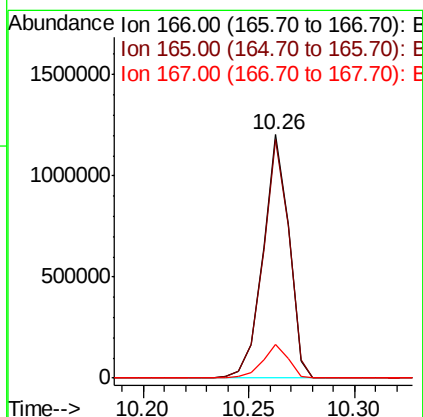
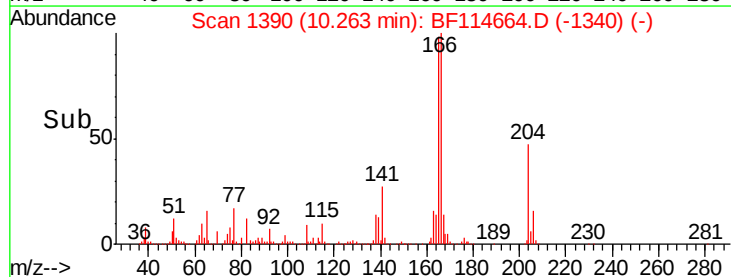
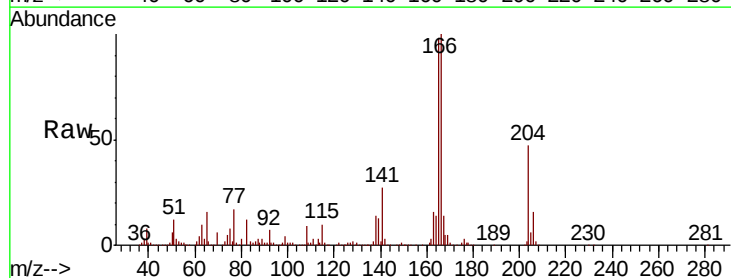
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:	165	Resp:	343805
Ion	Ratio	Lower	Upper
165	100		
63	39.0	34.8	52.2
89	67.5	58.5	87.7
182	2.6	2.2	3.2



#58
Fluorene
Concen: 25.723 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:	166	Resp:	1029428
Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.6	116.4
167	13.8	11.2	16.8

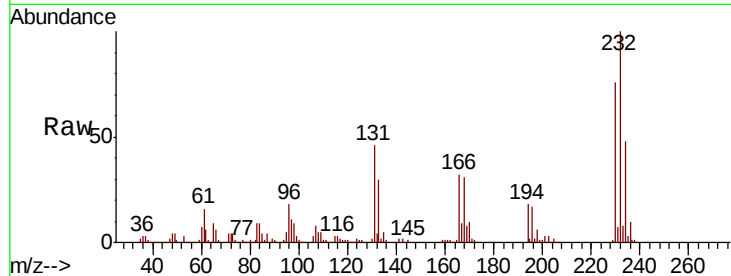




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.316 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.2	55.8
130	2.3	1.8	2.8
166	31.6	24.8	37.2



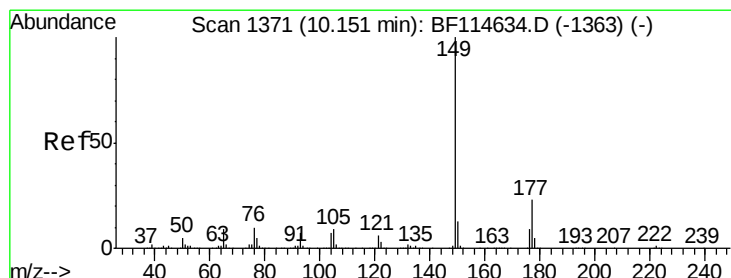
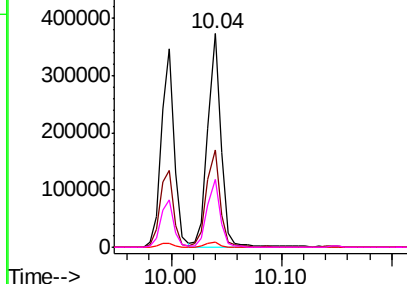
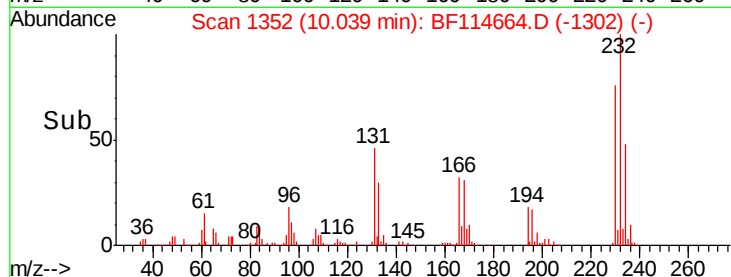
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

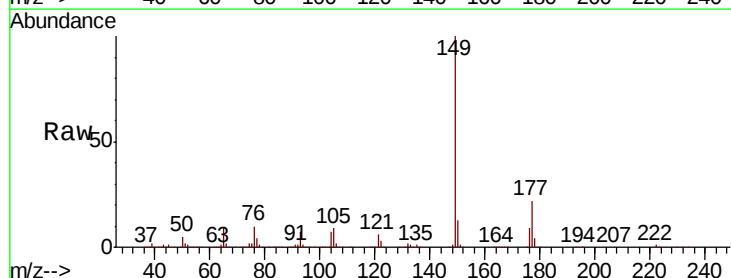
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 22.733 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.6	28.0
150	13.3	10.6	15.8

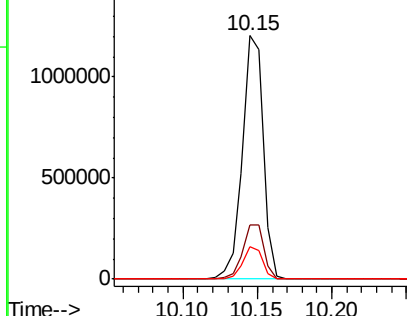
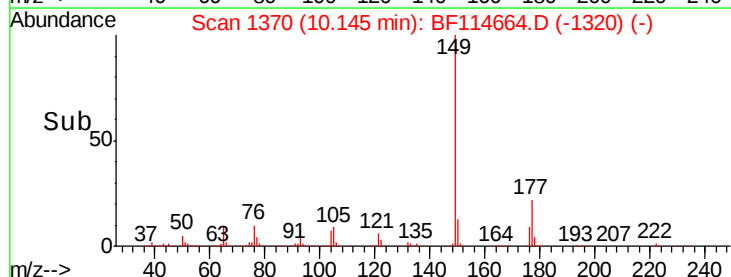


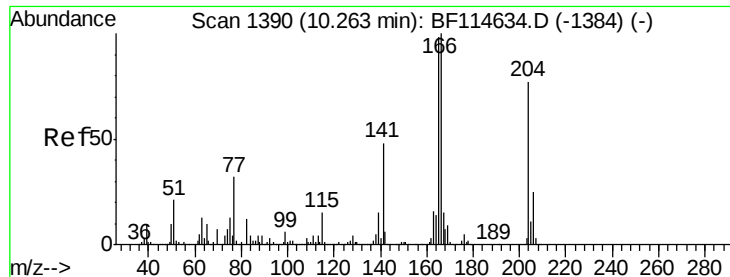
Abundance

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

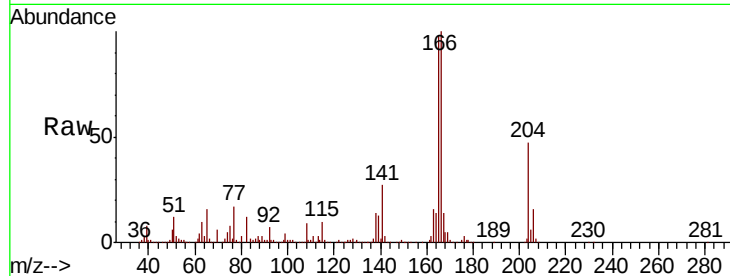




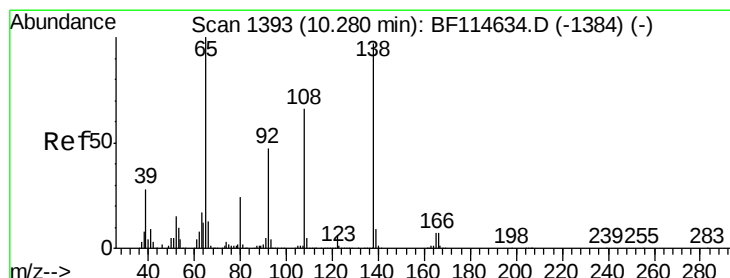
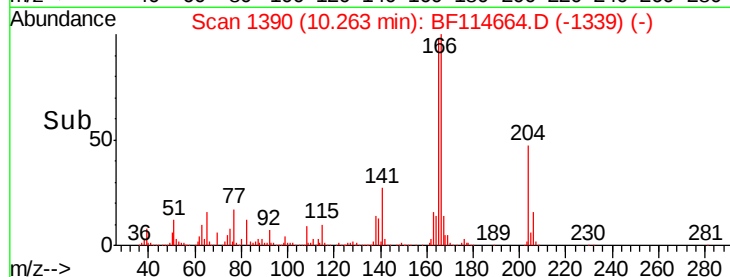
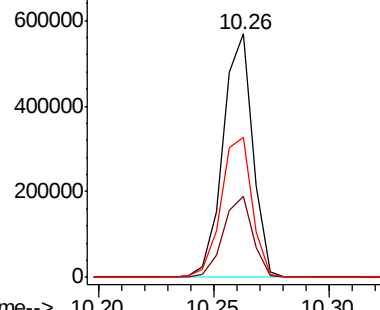
#61
4-Chlorophenyl-phenylether
Concen: 25.736 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:204 Resp: 515310
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.4 50.0 75.0

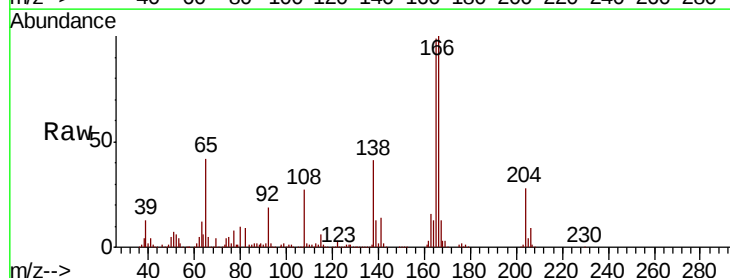


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

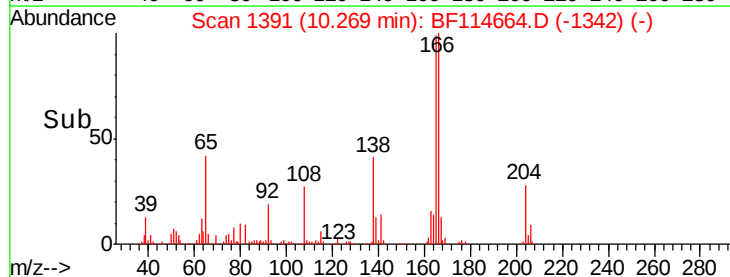
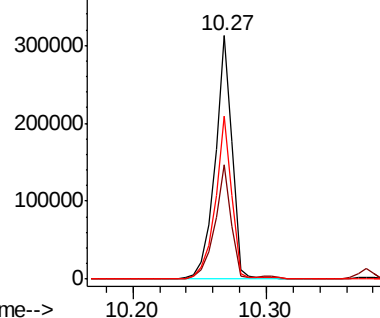


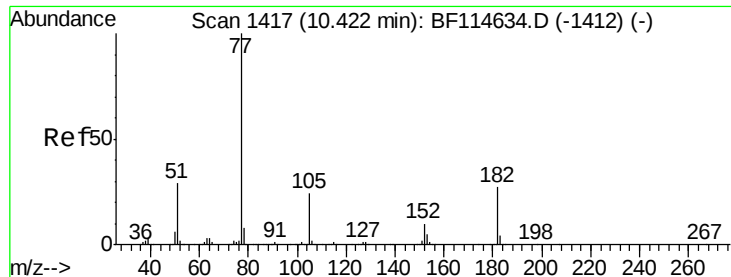
#62
4-Nitroaniline
Concen: 19.718 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion:138 Resp: 274822
Ion Ratio Lower Upper
138 100
92 47.2 28.0 68.0
108 66.7 48.4 88.4



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: 23.210 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 77 Resp: 1094584

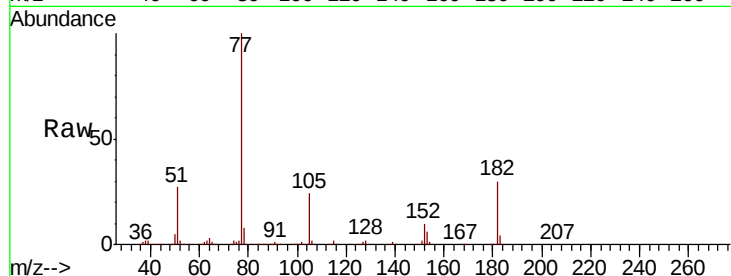
Ion Ratio Lower Upper

77 100

182 29.8 7.0 47.0

105 24.0 3.7 43.7

51 26.6 9.1 49.1

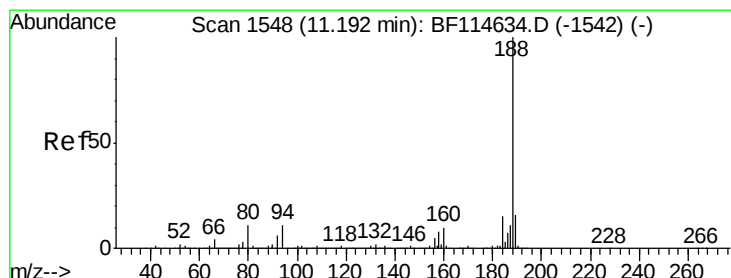
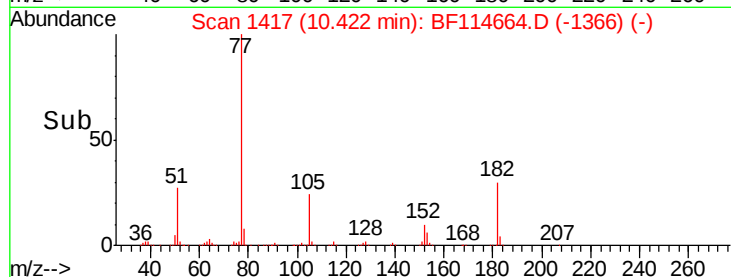
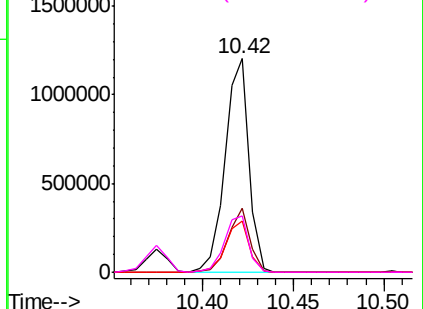


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

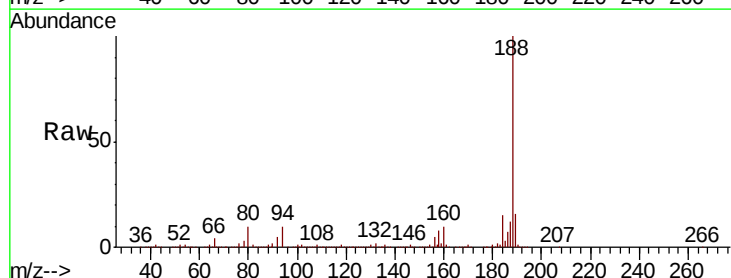
Tgt Ion: 188 Resp: 1357561

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

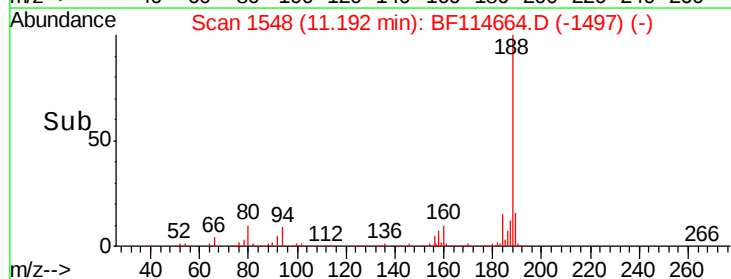
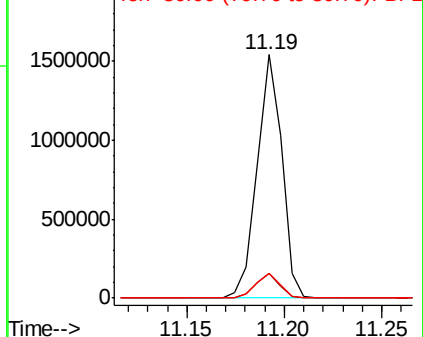
80 10.4 9.0 13.6

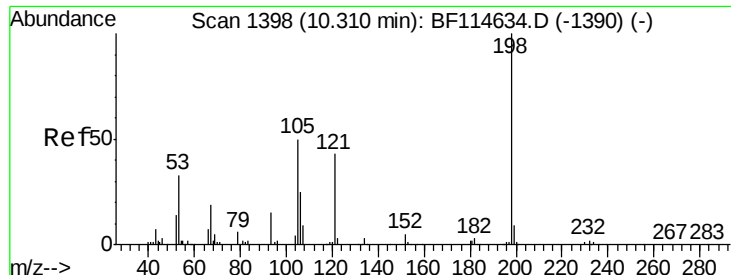


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

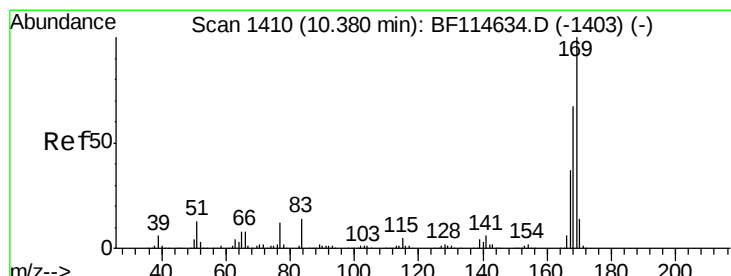
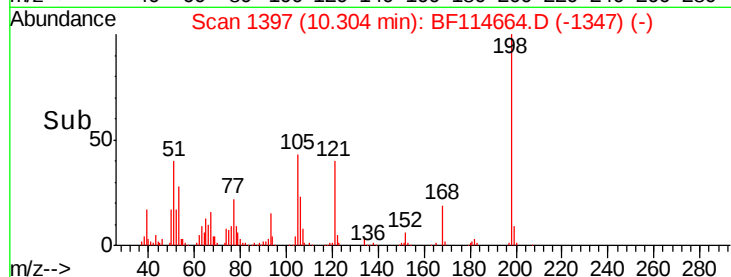
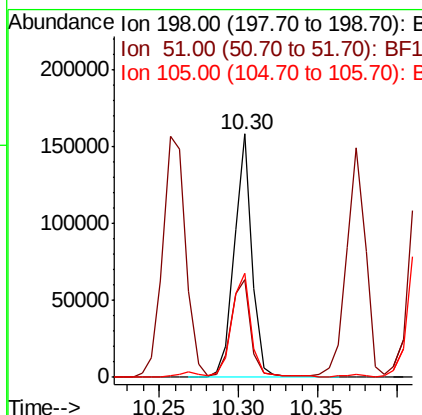
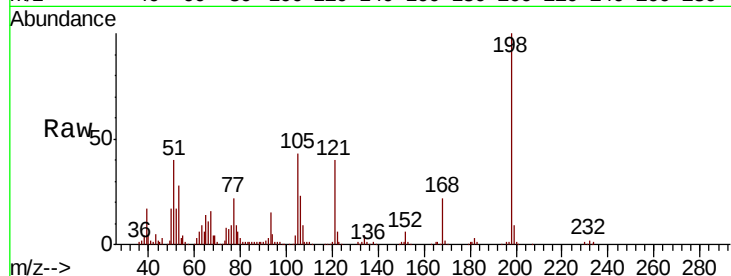




#65
4,6-Dinitro-2-methylphenol
Concen: 20.473 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

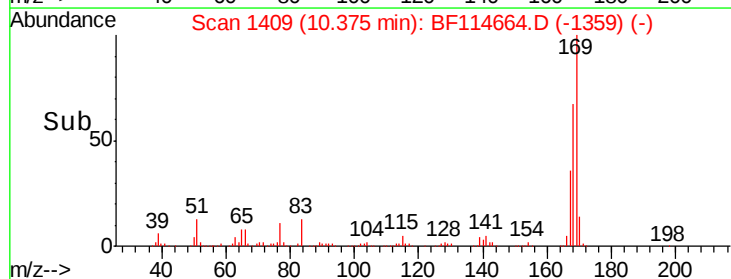
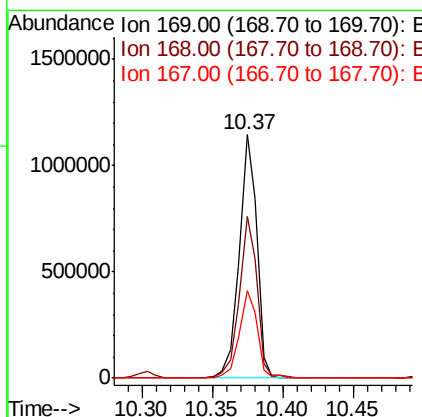
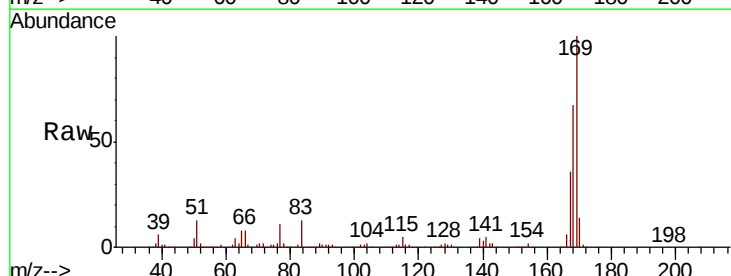
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

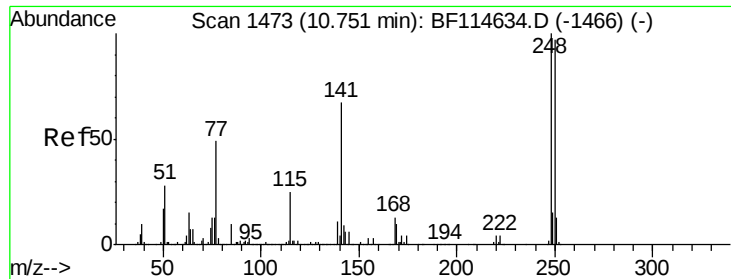
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	29.0	69.0
105	42.9	30.4	70.4



#66
n-Nitrosodiphenylamine
Concen: 24.670 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114664.D
Acq: 30 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.8
167	35.7	29.8	44.6





#67

4-Bromophenyl-phenylether

Concen: 23.265 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

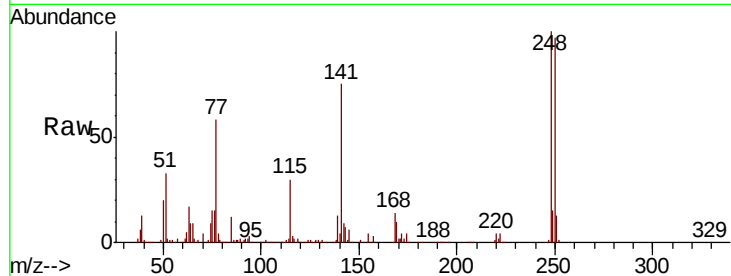
Tot Ion:248 Resp: 338694

Ion Ratio Lower Upper

248 100

250 97.1 78.0 117.0

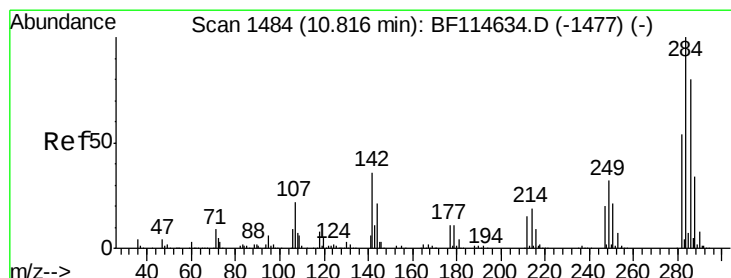
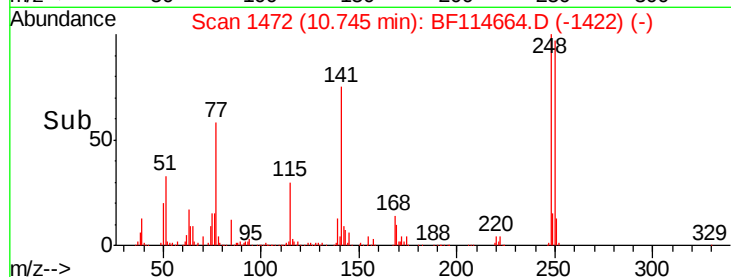
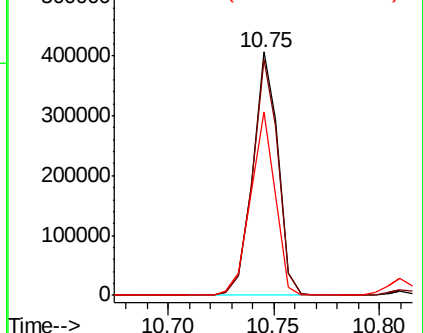
141 75.4 53.8 80.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 23.053 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

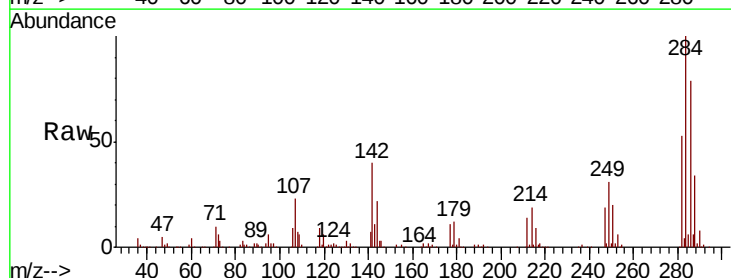
Tgt Ion:284 Resp: 363511

Ion Ratio Lower Upper

284 100

142 39.6 28.9 43.3

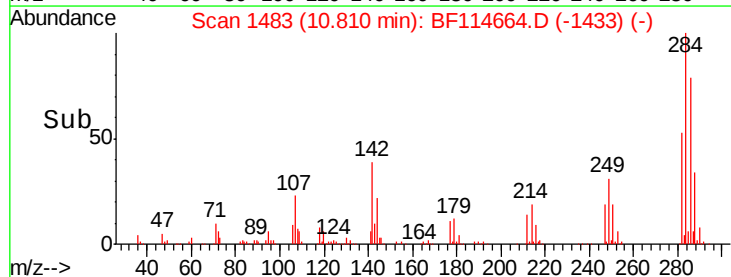
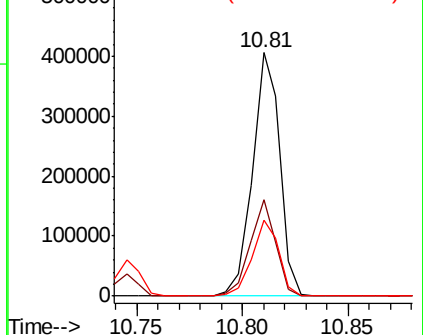
249 31.3 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 24.046 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

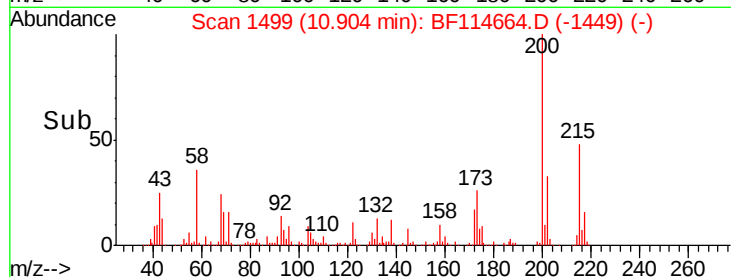
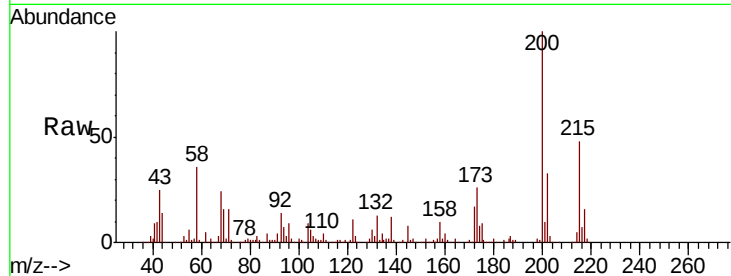
Tot Ion:200 Resp: 303877

Ion Ratio Lower Upper

200 100

173 25.7 7.9 47.9

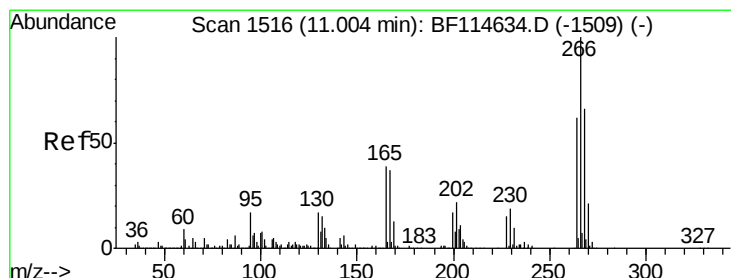
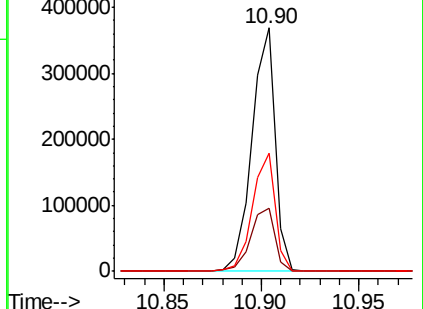
215 48.4 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 22.598 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

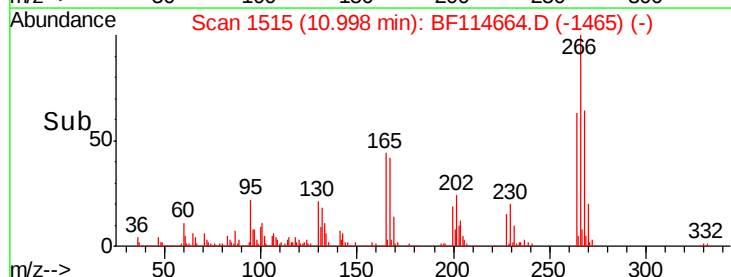
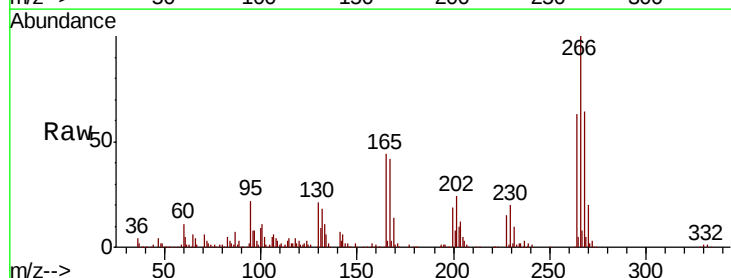
Tgt Ion:266 Resp: 205403

Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

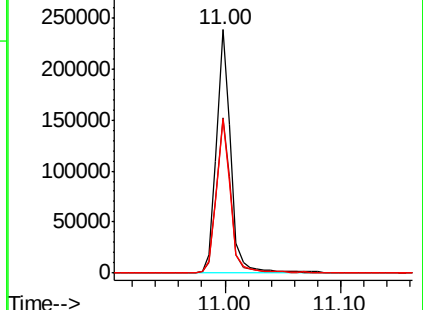
264 63.1 49.9 74.9

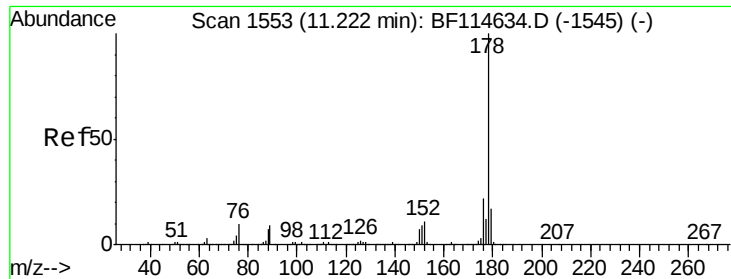


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.415 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

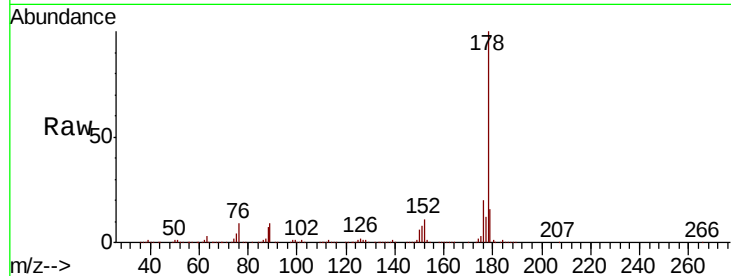
Tot Ion:178 Resp: 1621528

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

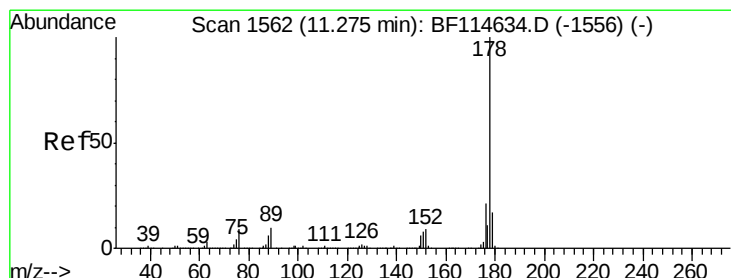
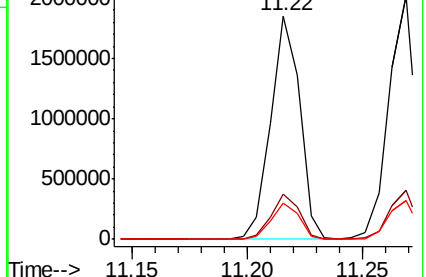
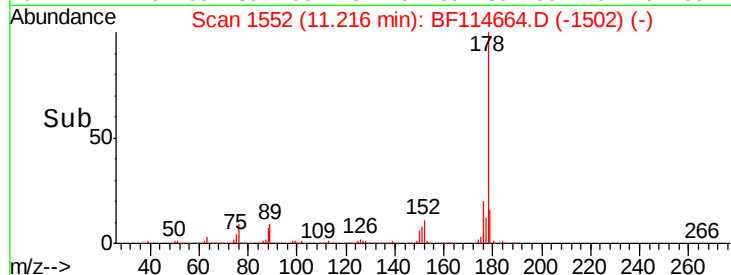
179 16.3 13.9 20.9



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: 23.542 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

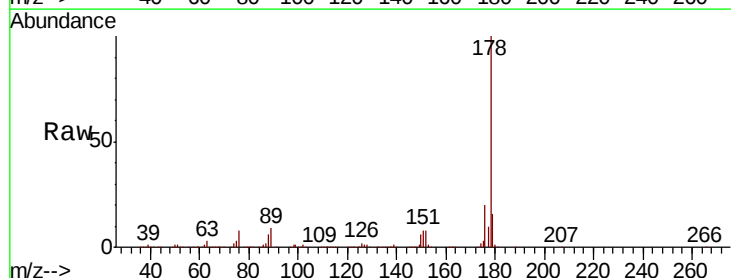
Tgt Ion:178 Resp: 1650071

Ion Ratio Lower Upper

178 100

176 19.9 16.6 24.8

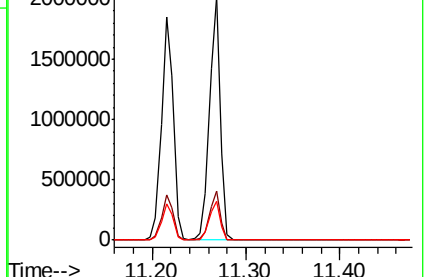
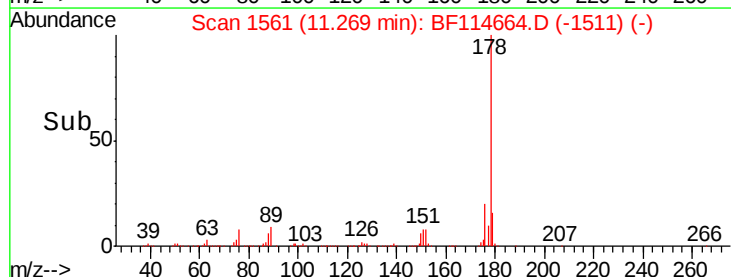
179 16.2 13.4 20.0

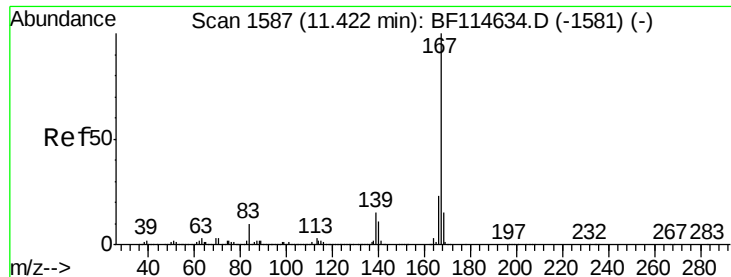


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

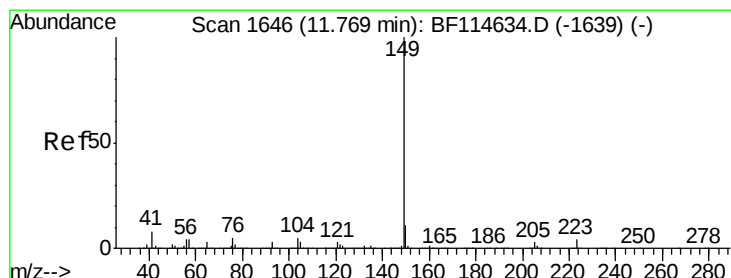
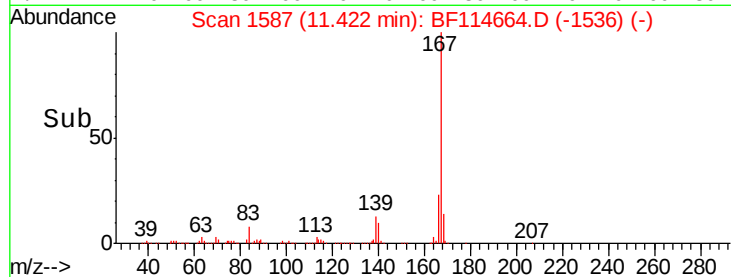
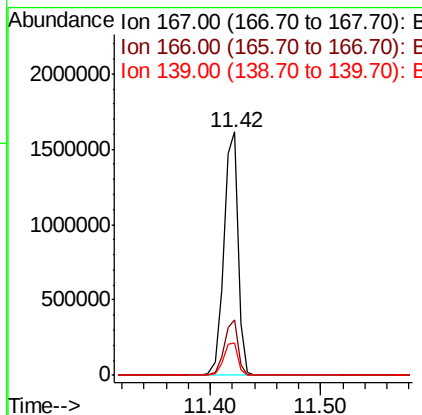
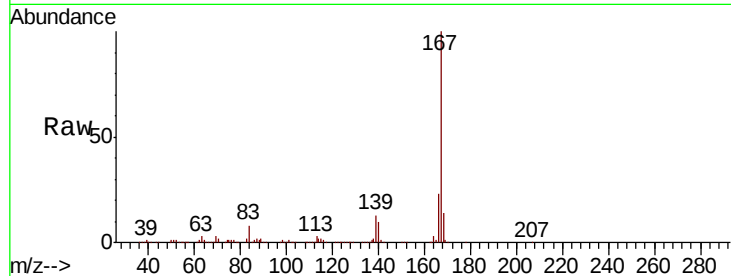




#73
 Carbazole
 Concen: 23.763 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

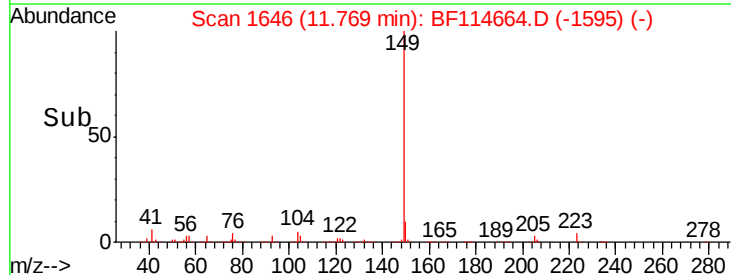
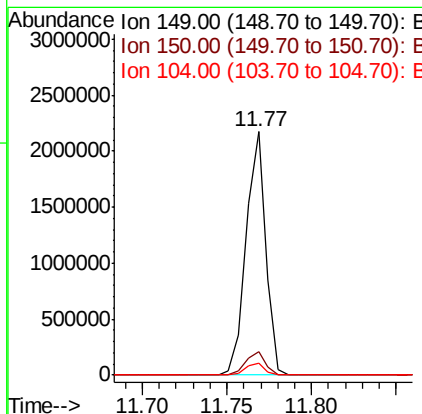
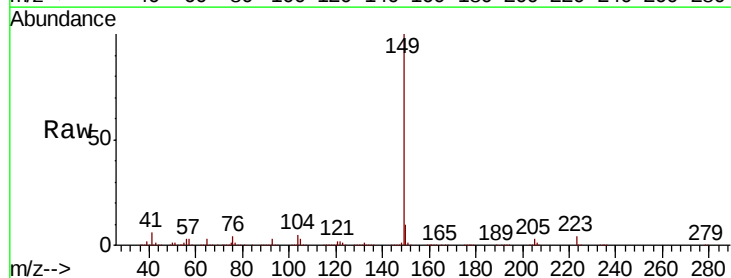
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:167 Resp: 1463765
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 13.4 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 23.657 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114664.D
 Acq: 30 May 2019 17:07

Tgt Ion:149 Resp: 1770502
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.6 12.8
 104 4.7 4.3 6.5





#75

Fluoranthene

Concen: 22.919 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

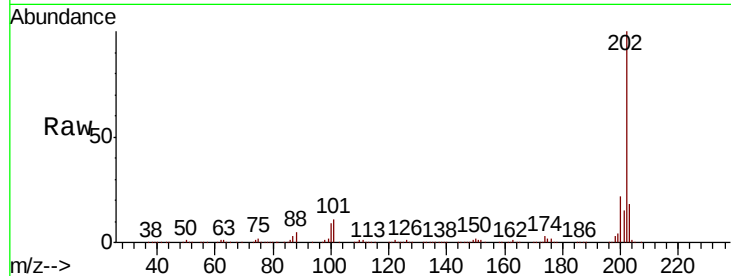
Tot Ion:202 Resp: 1643444

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.9

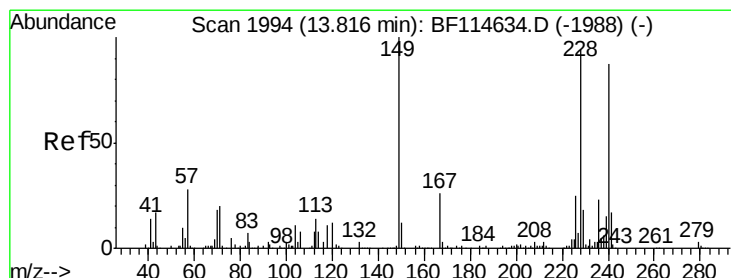
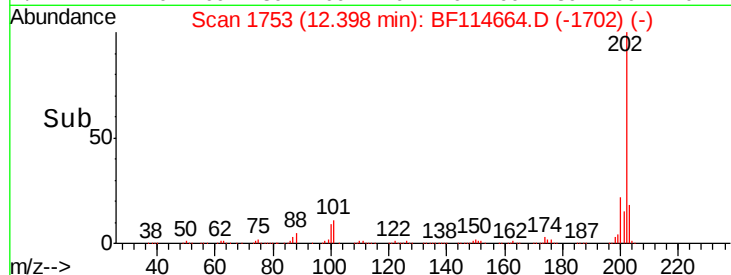
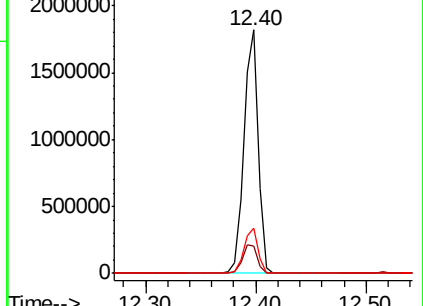
203 18.3 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

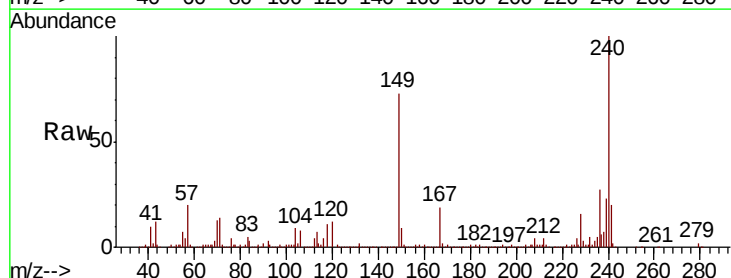
Tgt Ion:240 Resp: 953507

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

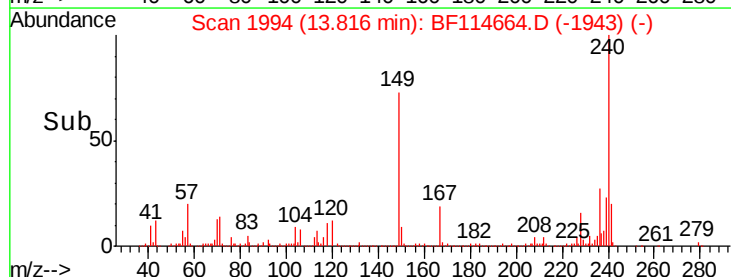
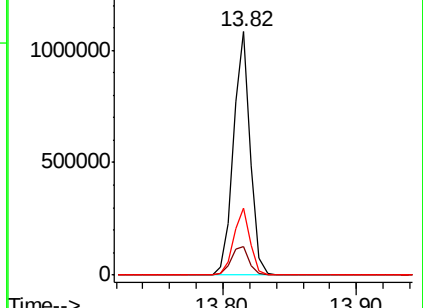
236 27.3 21.2 31.8

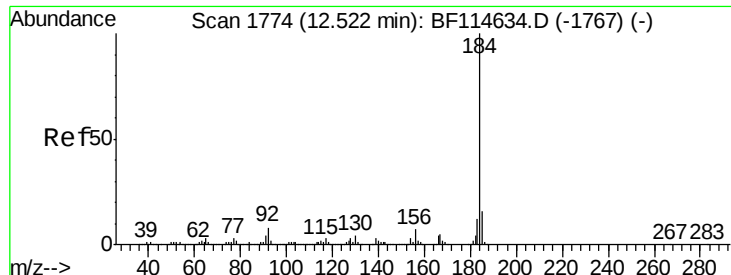


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.277 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

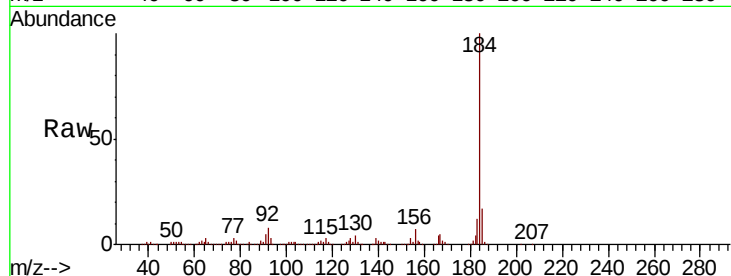
Tot Ion:184 Resp: 953202

Ion Ratio Lower Upper

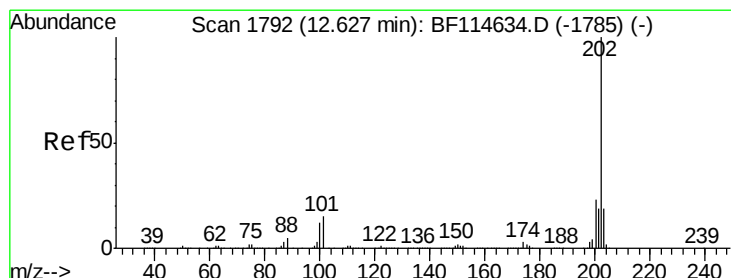
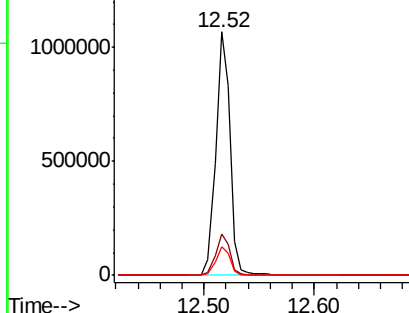
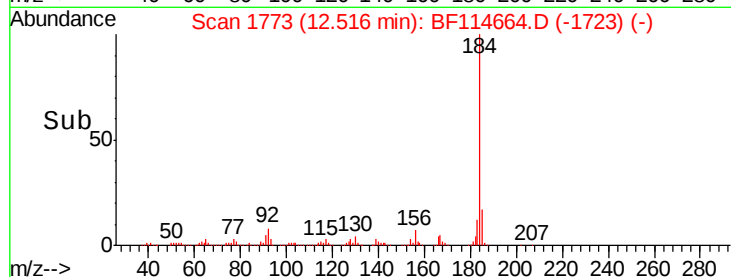
184 100

185 17.0 12.6 18.8

183 11.8 9.4 14.2



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: 20.787 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

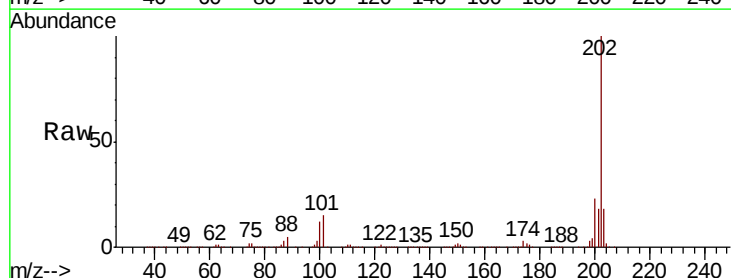
Tgt Ion:202 Resp: 1676656

Ion Ratio Lower Upper

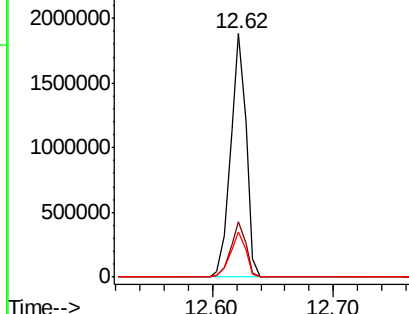
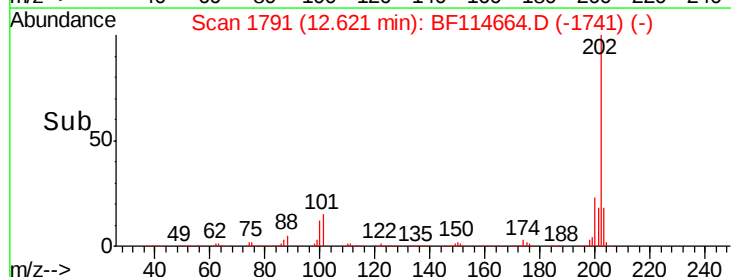
202 100

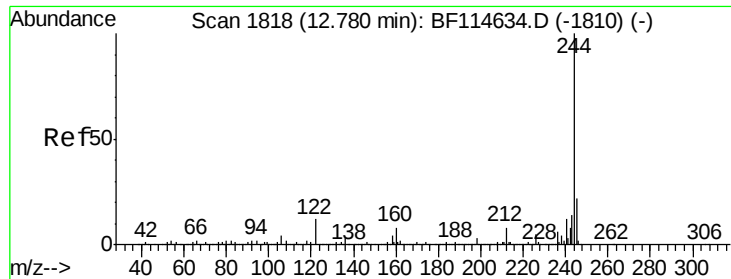
200 22.6 18.6 28.0

203 18.4 15.4 23.2



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: 54.837 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

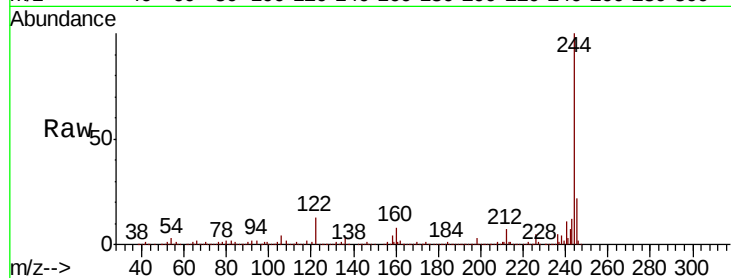
Tot Ion:244 Resp: 2781011

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

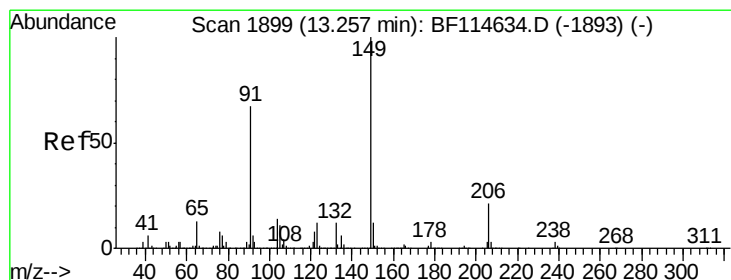
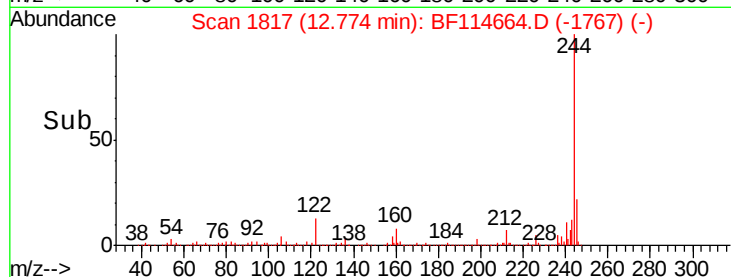
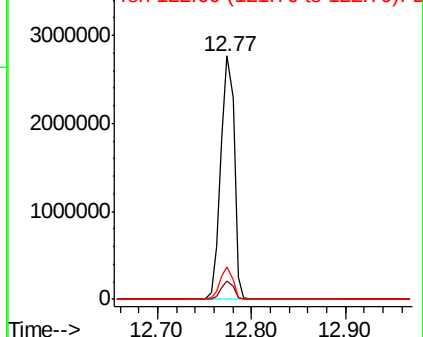
122 13.1 9.8 14.8



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: 18.465 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

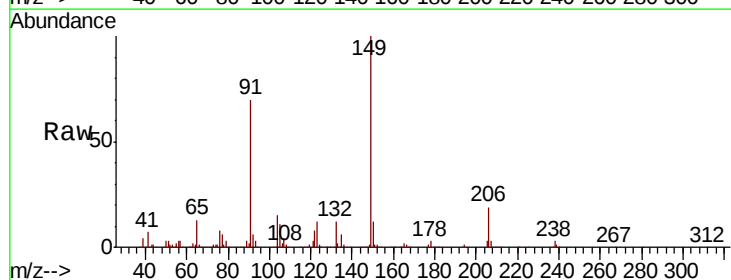
Tgt Ion:149 Resp: 748508

Ion Ratio Lower Upper

149 100

91 69.7 53.8 80.8

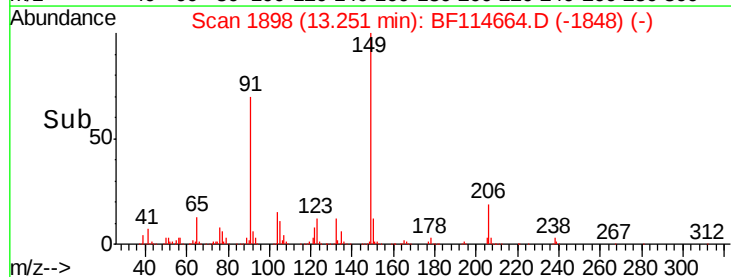
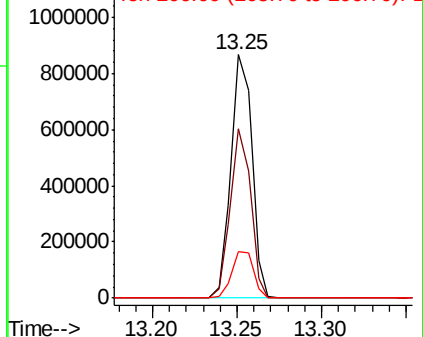
206 19.1 16.9 25.3



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: 20.017 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

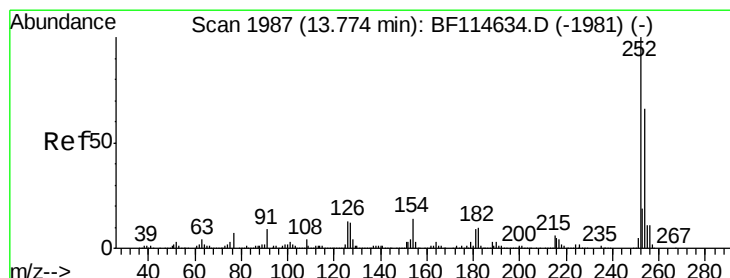
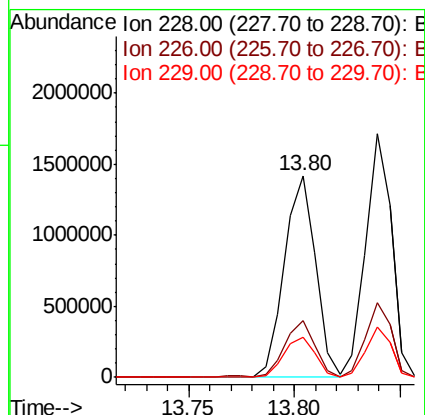
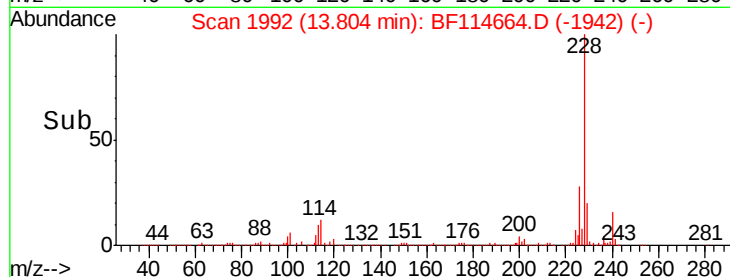
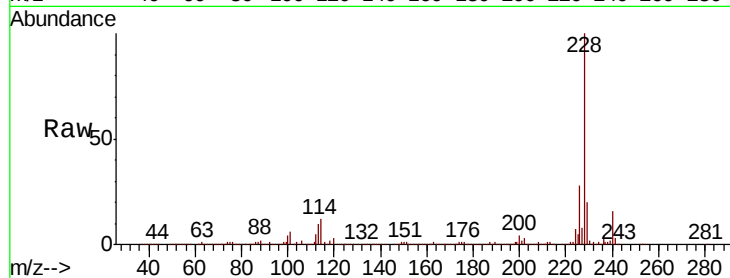
Tot Ion:228 Resp: 1466696

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	20.1	17.0	25.4

228 100

226 28.2 23.0 34.6

229 20.1 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 21.172 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

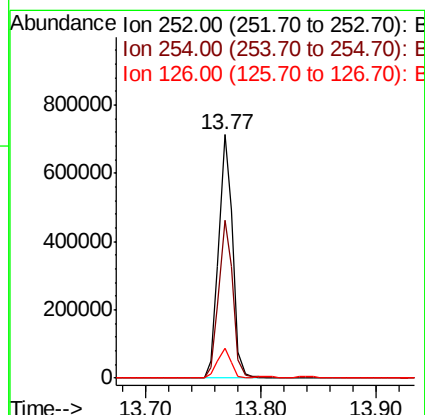
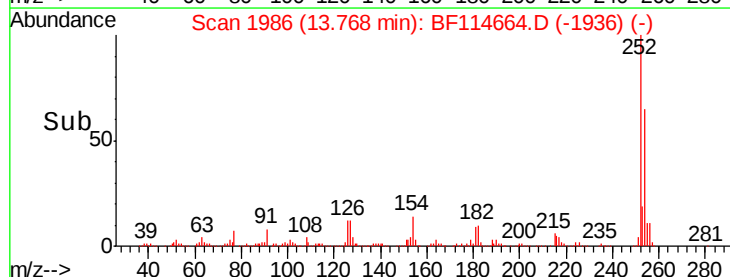
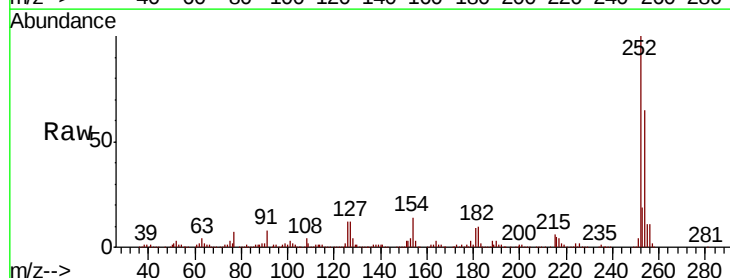
Tgt Ion:252 Resp: 599109

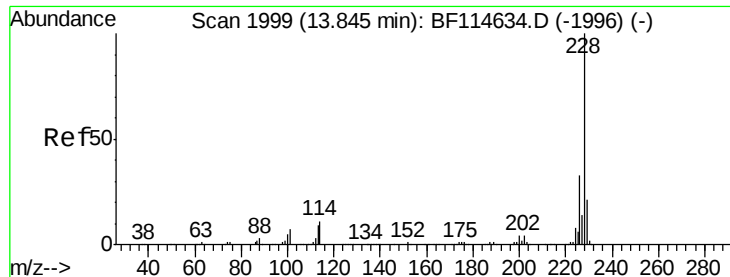
Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.1	79.7
126	12.1	10.2	15.2

252 100

254 64.7 53.1 79.7

126 12.1 10.2 15.2





#83

Chrysene

Concen: 20.846 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

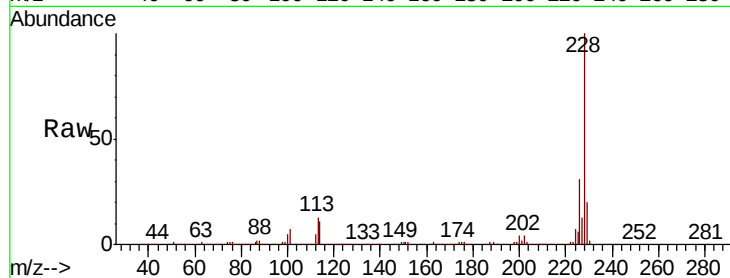
Tot Ion:228 Resp: 1459387

Ion Ratio Lower Upper

228 100

226 30.8 26.4 39.6

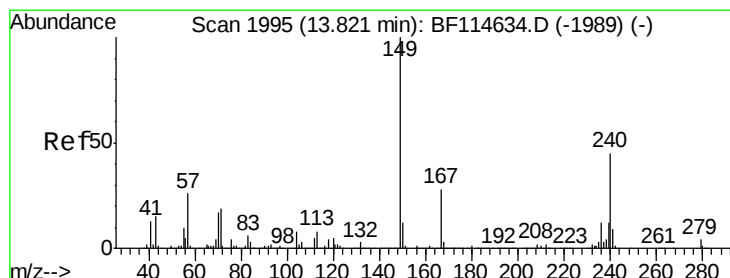
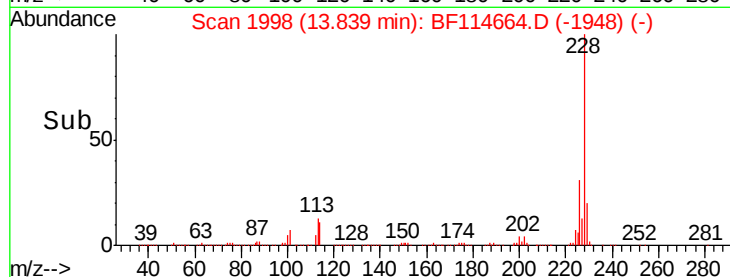
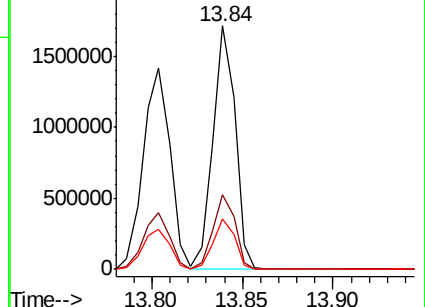
229 20.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.472 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

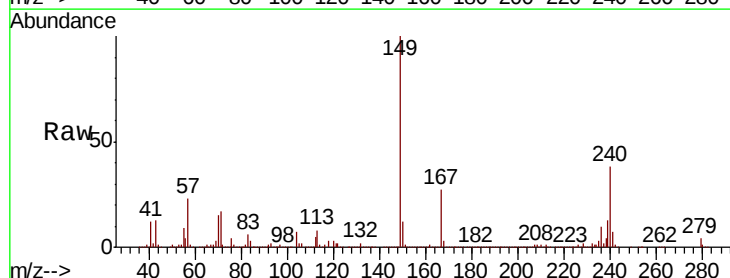
Tgt Ion:149 Resp: 1025957

Ion Ratio Lower Upper

149 100

167 27.3 22.6 33.8

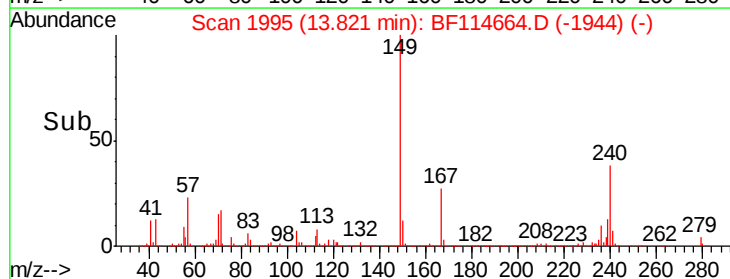
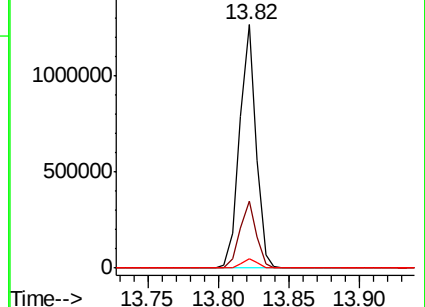
279 3.9 3.0 4.4

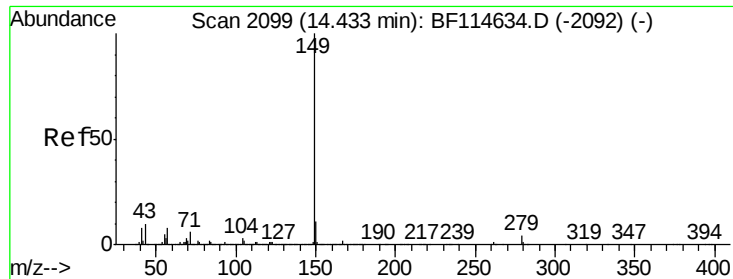


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 20.200 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

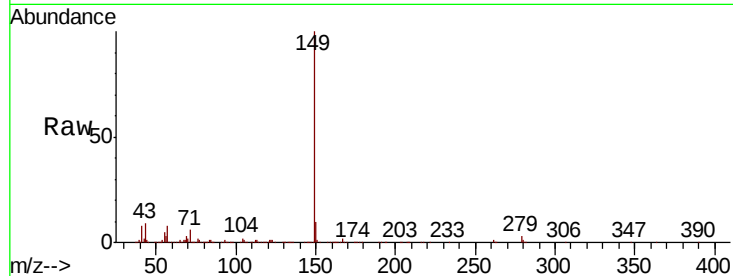
Tot Ion:149 Resp: 1758900

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

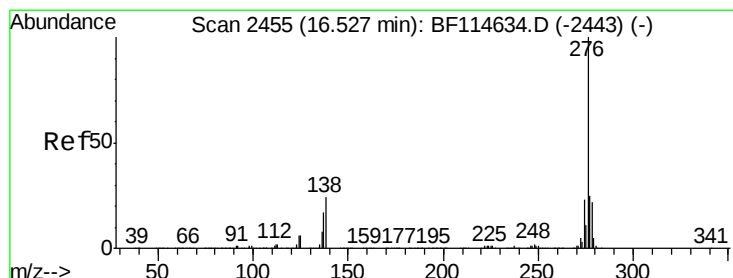
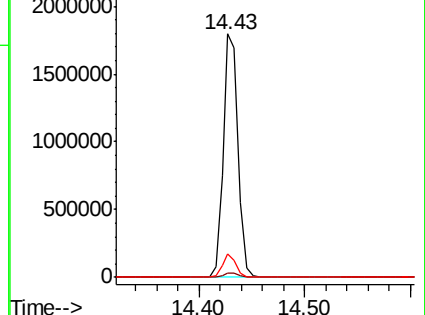
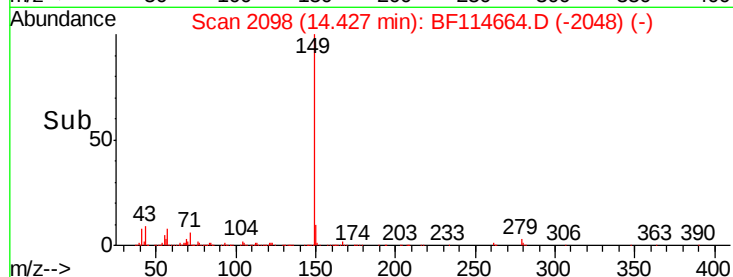
43 8.9 8.0 12.0



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: 20.585 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

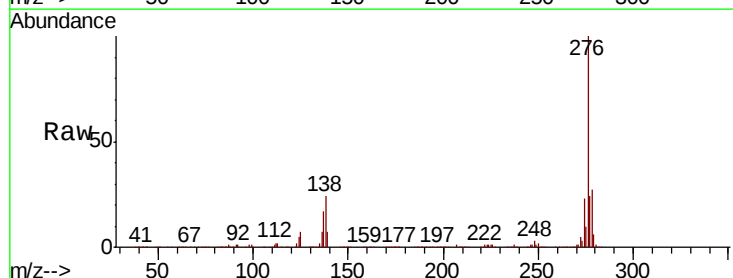
Tgt Ion:276 Resp: 1443303

Ion Ratio Lower Upper

276 100

138 28.3 23.0 34.6

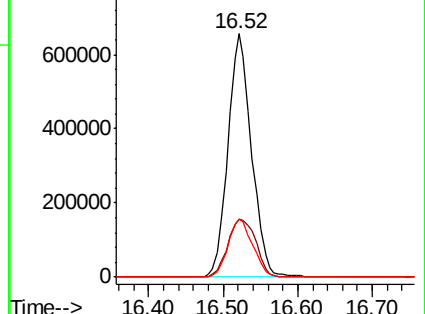
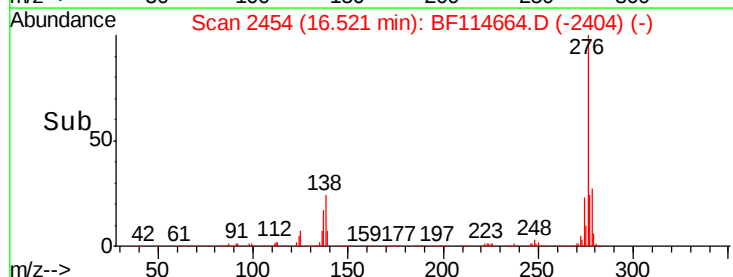
277 25.0 20.5 30.7

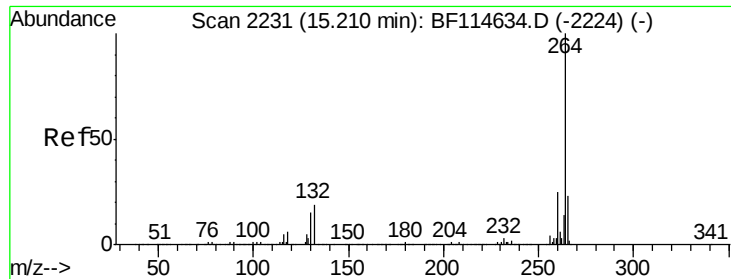


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

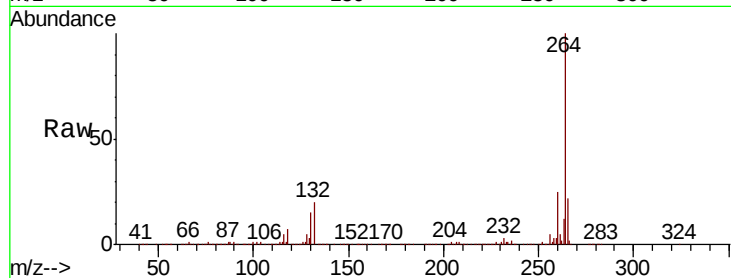
Tot Ion:264 Resp: 1063208

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

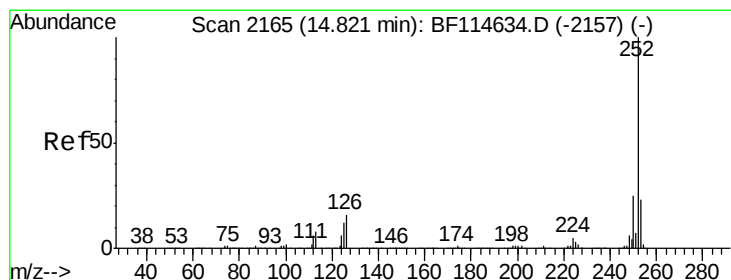
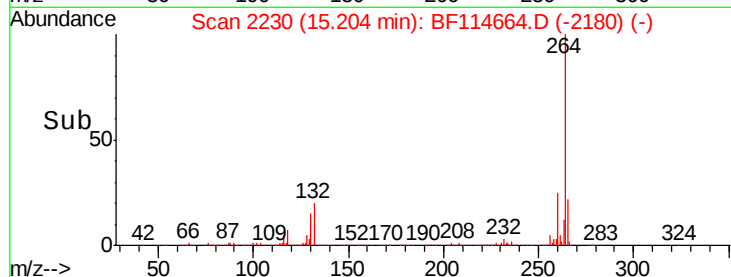
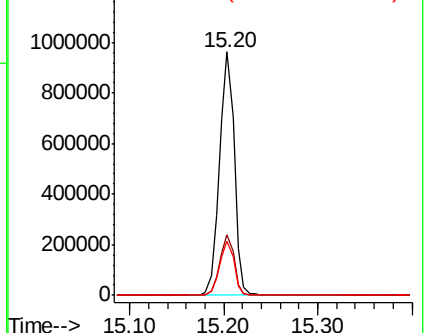
265 22.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 21.762 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

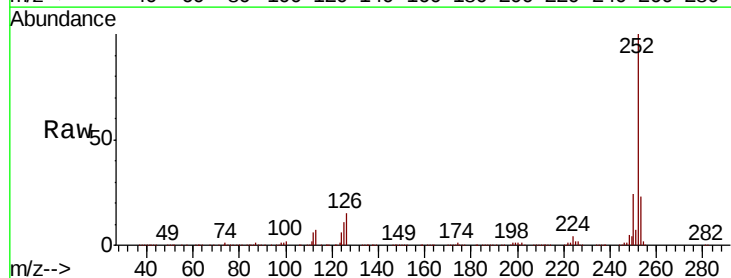
Tgt Ion:252 Resp: 1457314

Ion Ratio Lower Upper

252 100

253 22.7 18.7 28.1

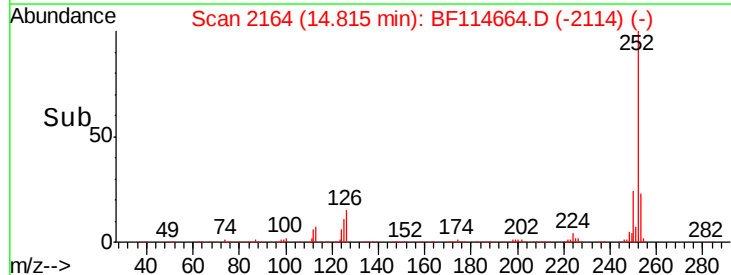
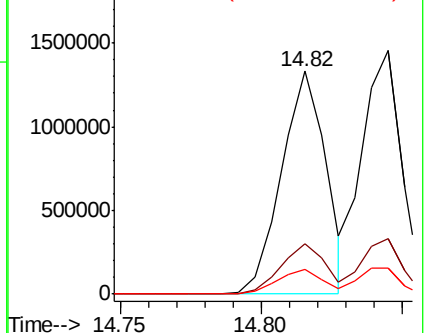
125 11.2 9.4 14.2

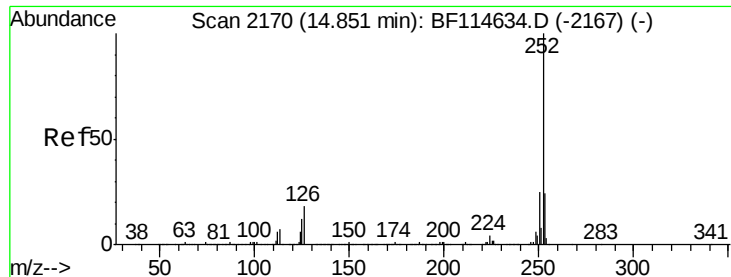


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 24.573 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

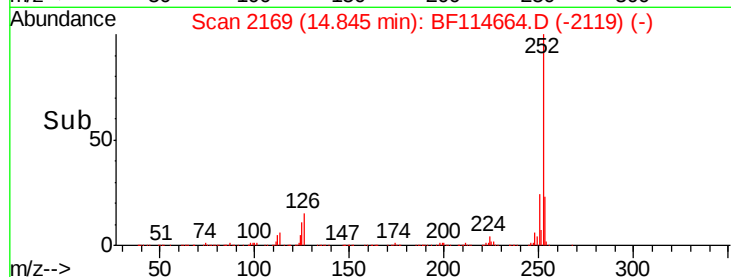
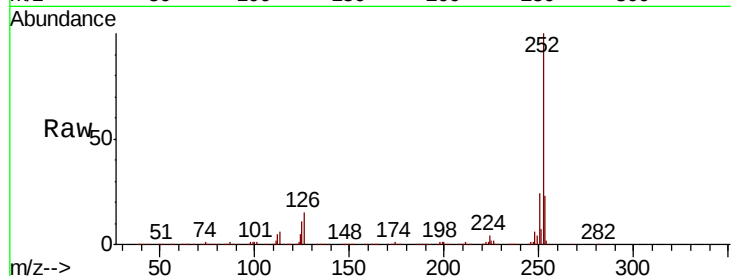
Tot Ion:252 Resp: 1430249

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

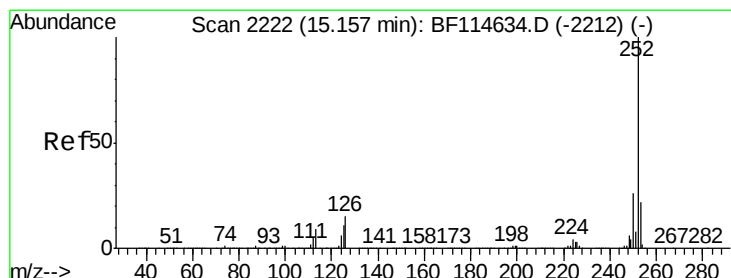
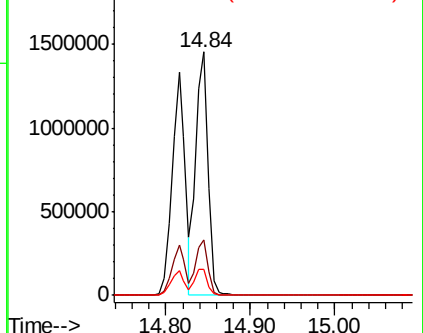
125 10.7 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 23.463 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

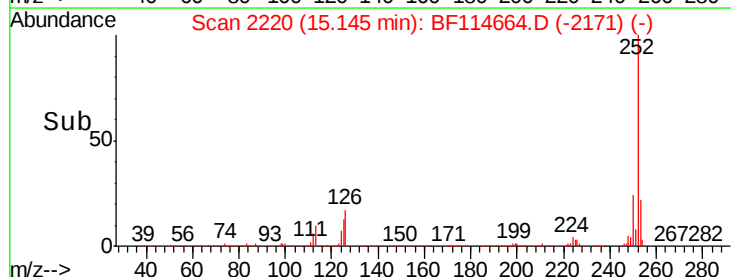
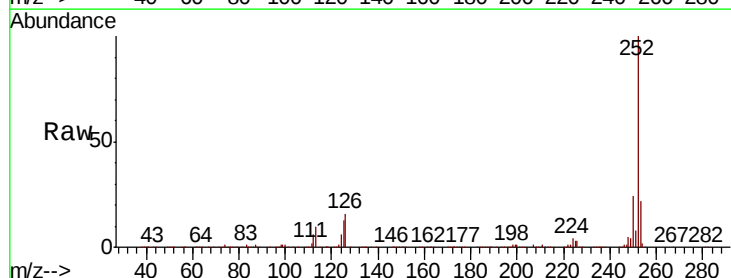
Tgt Ion:252 Resp: 1380264

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

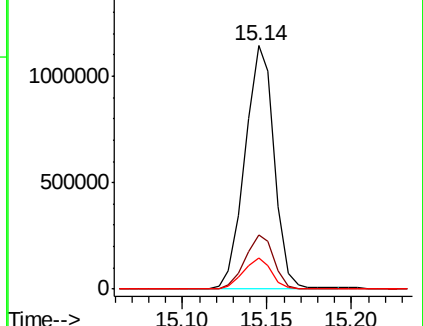
125 12.7 9.2 13.8

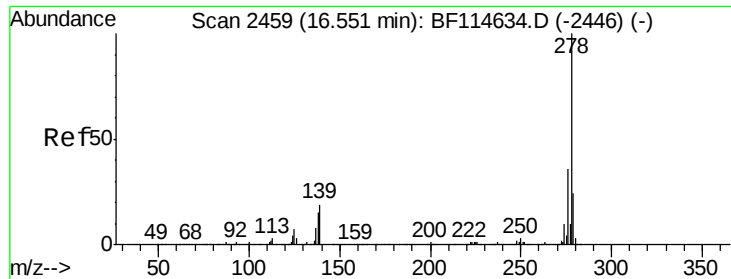


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.437 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

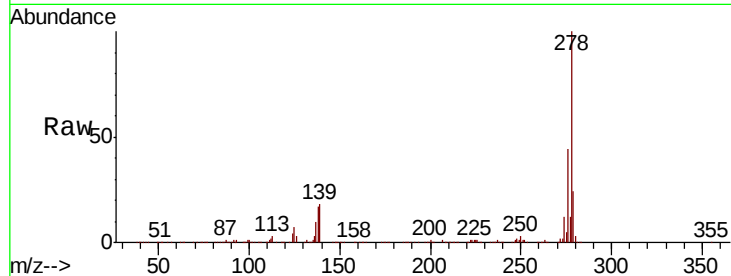
Tot Ion:278 Resp: 1218342

Ion Ratio Lower Upper

278 100

139 18.3 14.9 22.3

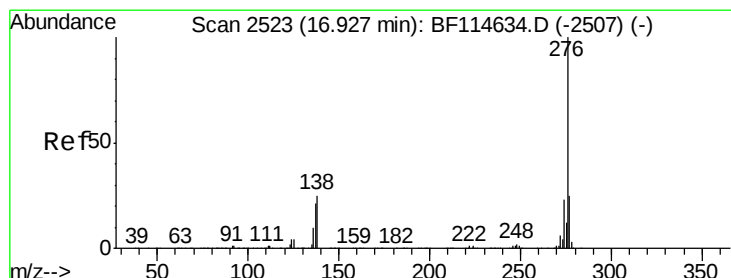
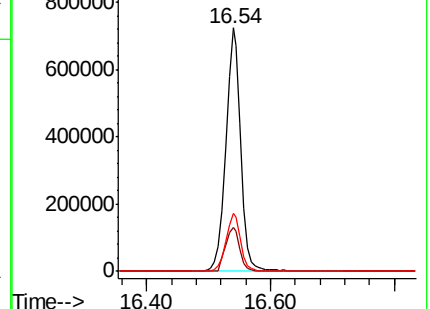
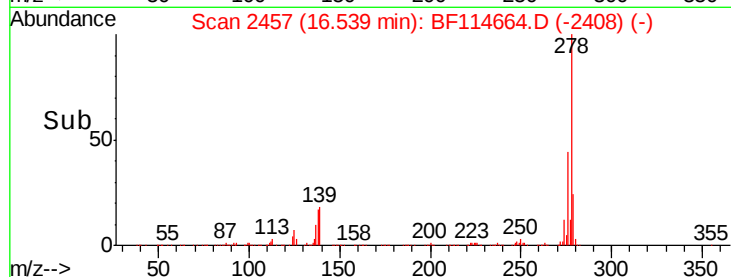
279 23.8 19.5 29.3



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: 22.905 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF114664.D

Acq: 30 May 2019 17:07

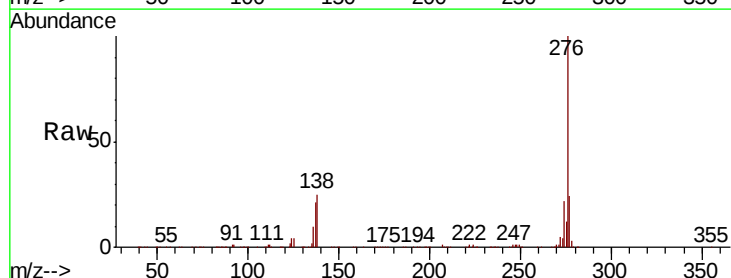
Tgt Ion:276 Resp: 1155637

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 24.9 19.8 29.8



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

