

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126919.D
 Acq On : 16 Feb 2022 18:34
 Operator : CG\JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 17 01:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	116513	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	471405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	250597	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	450268	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	292248	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	211521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	765567	101.554	ng	0.00
7) Phenol-d6	6.551	99	1048591	103.085	ng	0.00
23) Nitrobenzene-d5	7.498	82	742343	71.080	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	308495	106.920	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1181010	69.380	ng	0.00
79) Terphenyl-d14	13.051	244	1341732	67.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	27214	7.889	ng	97
3) Pyridine	3.540	79	73994	8.178	ng	# 86
4) n-Nitrosodimethylamine	3.463	42	39931	9.009	ng	77
6) Aniline	6.598	93	128502	10.662	ng	98
8) 2-Chlorophenol	6.716	128	79601	9.841	ng	95
9) Benzaldehyde	6.486	77	69977	11.301	ng	99
10) Phenol	6.563	94	99832	9.713	ng	82
11) bis(2-Chloroethyl)ether	6.663	93	78539	9.742	ng	94
12) 1,3-Dichlorobenzene	6.869	146	82822	9.492	ng	98
13) 1,4-Dichlorobenzene	6.951	146	85350	9.649	ng	98
14) 1,2-Dichlorobenzene	7.104	146	80258	9.514	ng	96
15) Benzyl Alcohol	7.063	79	90137	10.518	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	120657	9.505	ng	96
17) 2-Methylphenol	7.169	107	68939	9.851	ng	95
18) Hexachloroethane	7.445	117	32550	9.600	ng	# 91
19) n-Nitroso-di-n-propyla...	7.333	70	68802	10.497	ng	98
20) 3+4-Methylphenols	7.322	107	92966	10.230	ng	# 72
22) Acetophenone	7.333	105	109033	8.785	ng	# 97
24) Nitrobenzene	7.510	77	99510	10.086	ng	94
25) Isophorone	7.745	82	183424	10.614	ng	97
26) 2-Nitrophenol	7.828	139	39989	9.520	ng	# 81
27) 2,4-Dimethylphenol	7.851	122	76920	11.147	ng	95
28) bis(2-Chloroethoxy)met...	7.957	93	104164	9.942	ng	97
29) 2,4-Dichlorophenol	8.063	162	63349	9.764	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	70688	9.746	ng	97
31) Naphthalene	8.233	128	249305	10.131	ng	100
32) Benzoic acid	7.933	122	39843	8.141	ng	93
33) 4-Chloroaniline	8.280	127	101738	10.504	ng	97
34) Hexachlorobutadiene	8.345	225	39557	9.341	ng	97
35) Caprolactam	8.622	113	20122	8.881	ng	90
36) 4-Chloro-3-methylphenol	8.751	107	82209	9.915	ng	98
37) 2-Methylnaphthalene	8.922	142	165832	10.385	ng	97
38) 1-Methylnaphthalene	9.027	142	157067	10.272	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	56631	8.585	ng	97
41) Hexachlorocyclopentadiene	9.075	237	37061	10.359	ng	96

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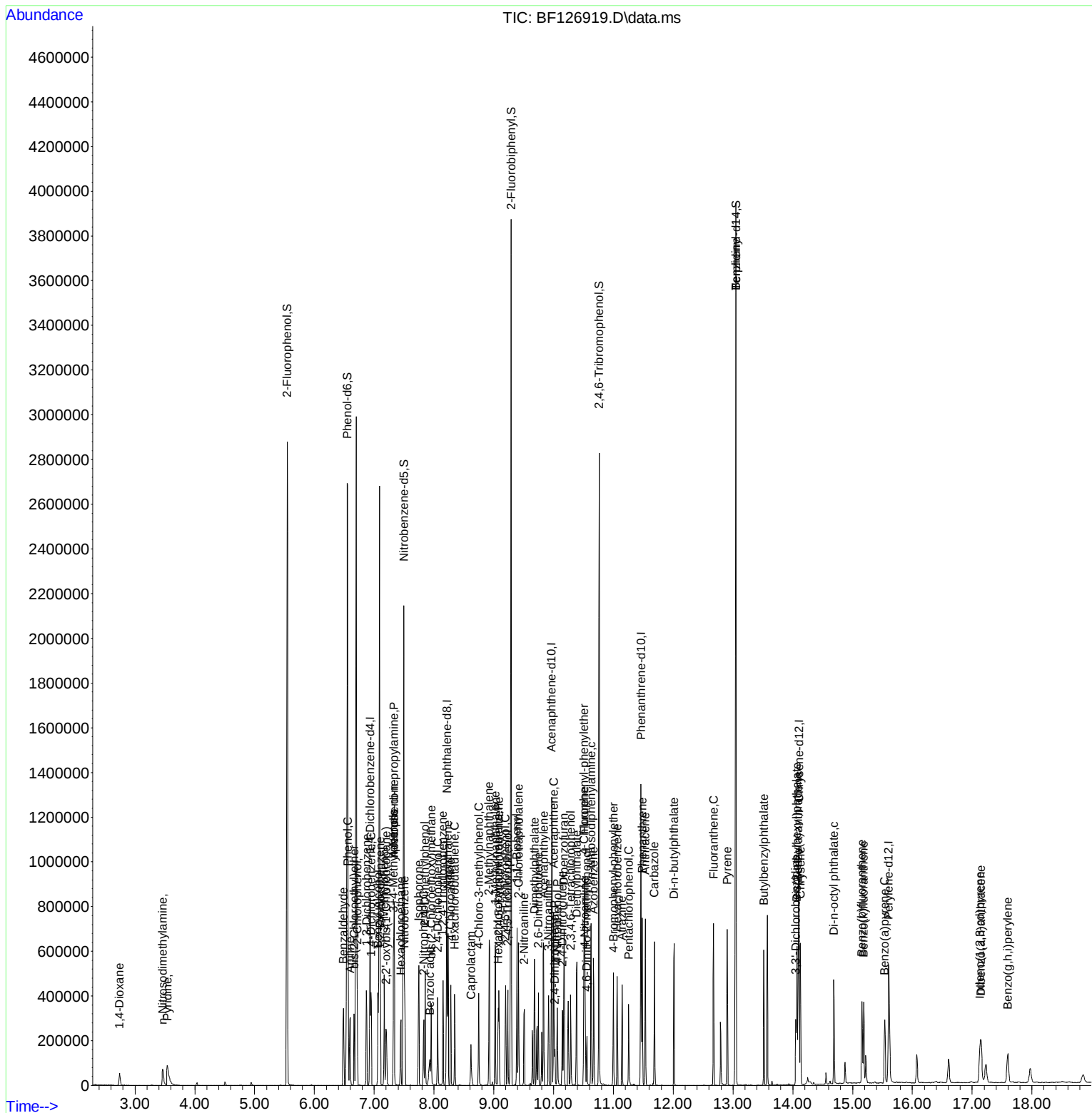
Instrument :
 BNA_F
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 LOQ-WATER-02-QT4-2021

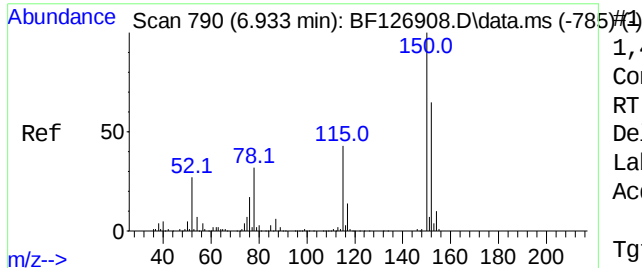
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.198	196	44452	9.188	ng	98
44) 2,4,5-Trichlorophenol	9.233	196	46712	9.175	ng	93
46) 1,1'-Biphenyl	9.386	154	174915	8.810	ng	97
47) 2-Chloronaphthalene	9.416	162	146225	9.932	ng	97
48) 2-Nitroaniline	9.510	65	55394	9.534	ng	93
49) Acenaphthylene	9.833	152	256174	10.711	ng	98
50) Dimethylphthalate	9.680	163	174818	9.760	ng	97
51) 2,6-Dinitrotoluene	9.745	165	37603	10.318	ng	# 82
52) Acenaphthene	10.004	154	155189	9.978	ng	97
53) 3-Nitroaniline	9.916	138	42837	9.616	ng	98
54) 2,4-Dinitrophenol	10.022	184	13980	7.248	ng	# 89
55) Dibenzofuran	10.174	168	212670	9.944	ng	94
56) 4-Nitrophenol	10.063	139	39268	11.935	ng	# 84
57) 2,4-Dinitrotoluene	10.151	165	49236	9.992	ng	# 92
58) Fluorene	10.516	166	169856	10.196	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	36060	8.934	ng	97
60) Diethylphthalate	10.386	149	187957	10.042	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	78221	9.957	ng	99
62) 4-Nitroaniline	10.527	138	40071	9.109	ng	# 83
63) Azobenzene	10.669	77	202940	9.737	ng	96
65) 4,6-Dinitro-2-methylph...	10.557	198	19249	7.276	ng	86
66) n-Nitrosodiphenylamine	10.627	169	146029	9.890	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	50146	9.968	ng	96
68) Hexachlorobenzene	11.063	284	52096	9.619	ng	95
69) Atrazine	11.145	200	37961	8.290	ng	93
70) Pentachlorophenol	11.257	266	31705	10.724	ng	97
71) Phenanthrene	11.486	178	255873	10.153	ng	98
72) Anthracene	11.533	178	254492	10.143	ng	99
73) Carbazole	11.686	167	219833	9.555	ng	99
74) Di-n-butylphthalate	12.016	149	291850	9.867	ng	99
75) Fluoranthene	12.674	202	241569	10.095	ng	96
77) Benzidine	13.051	184	19792	2.492	ng	96
78) Pyrene	12.904	202	242033	9.533	ng	100
80) Butylbenzylphthalate	13.515	149	110435	9.188	ng	94
81) Benzo(a)anthracene	14.092	228	187865	9.535	ng	98
82) 3,3'-Dichlorobenzidine	14.051	252	51683	8.324	ng	97
83) Chrysene	14.127	228	180490	9.742	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	149271	9.459	ng	95
85) Di-n-octyl phthalate	14.686	149	209184	9.206	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	121207	8.739	ng	# 89
88) Benzo(b)fluoranthene	15.156	252	151913	10.693	ng	# 94
89) Benzo(k)fluoranthene	15.186	252	137235	10.015	ng	# 96
90) Benzo(a)pyrene	15.539	252	126667	11.415	ng	# 94
91) Dibenzo(a,h)anthracene	17.150	278	106860	9.316	ng	# 93
92) Benzo(g,h,i)perylene	17.598	276	102848	9.095	ng	# 87

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

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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.934 min Scan#

Delta R.T. 0.001 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

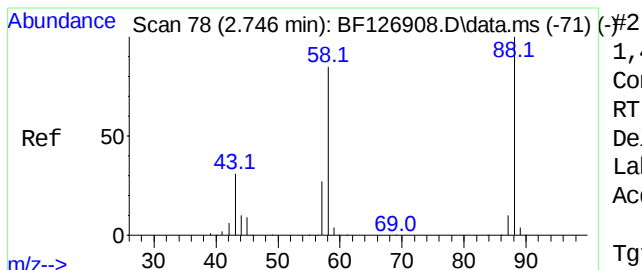
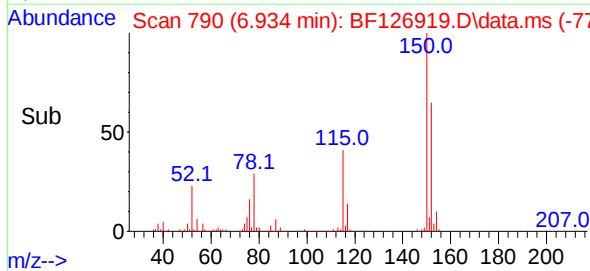
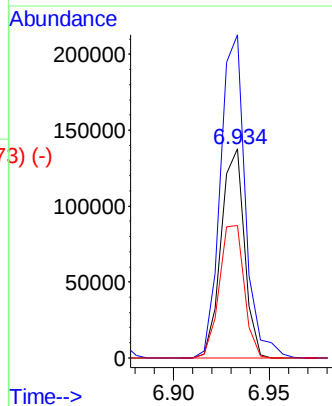
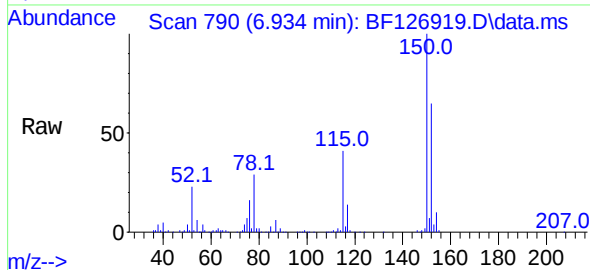
Tgt Ion:152 Resp: 116513

Ion Ratio Lower Upper

152 100

150 154.3 128.1 192.1

115 63.1 56.7 85.1



1,4-Dioxane

Concen: 7.889 ng

RT: 2.740 min Scan# 77

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

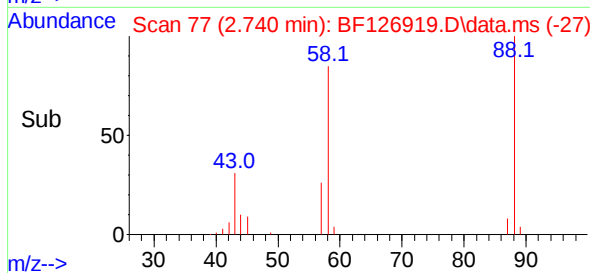
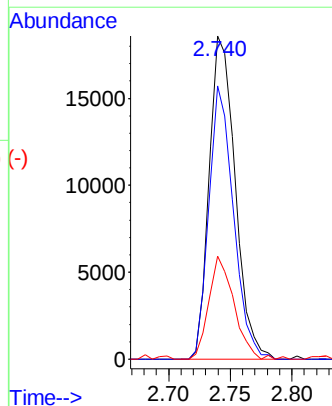
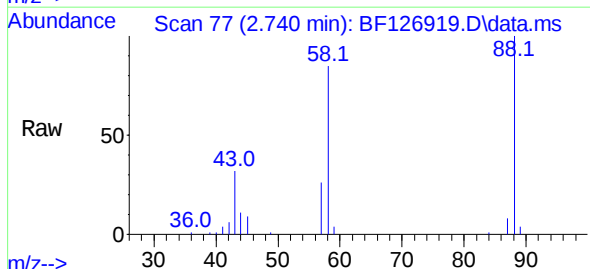
Tgt Ion: 88 Resp: 27214

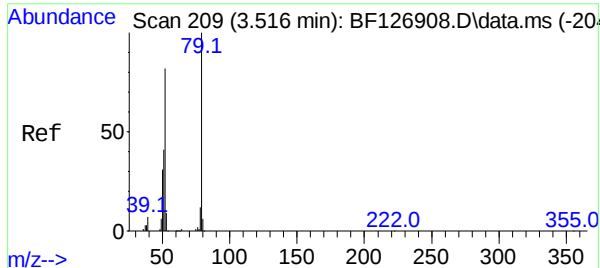
Ion Ratio Lower Upper

88 100

58 80.3 62.8 94.2

43 31.0 22.3 33.5





Pyridine

Concen: 8.178 ng

RT: 3.540 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF126919.D

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Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

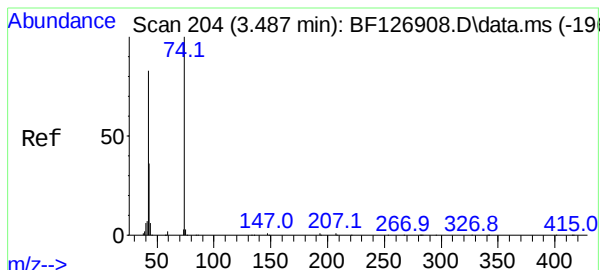
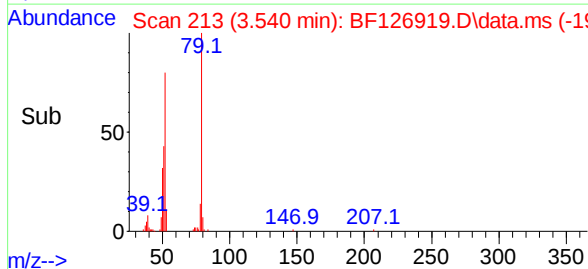
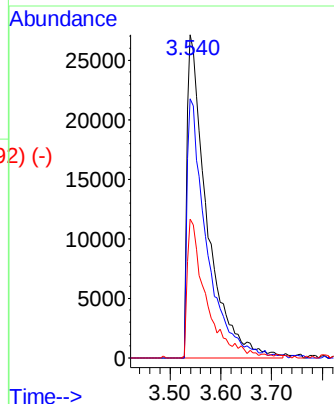
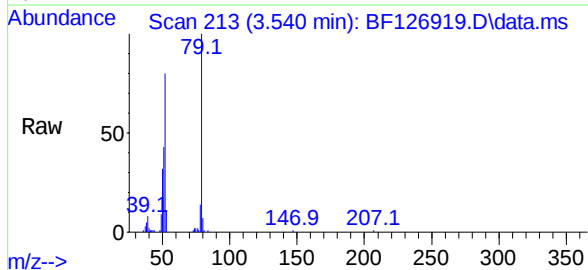
Tgt Ion: 79 Resp: 73994

Ion Ratio Lower Upper

79 100

52 80.3 56.2 84.4

51 42.9 26.7 40.1#



n-Nitrosodimethylamine

Concen: 9.009 ng

RT: 3.463 min Scan# 200

Delta R.T. -0.024 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

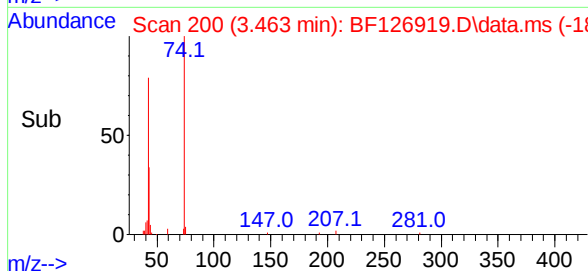
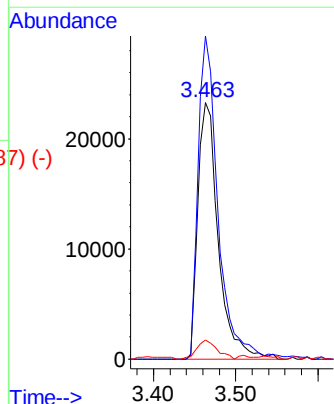
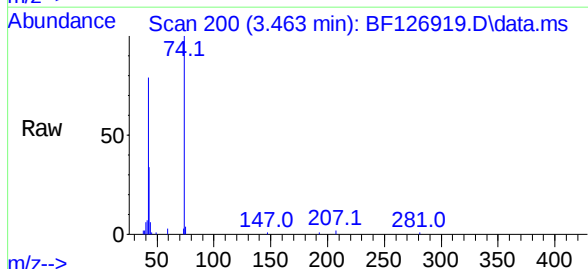
Tgt Ion: 42 Resp: 39931

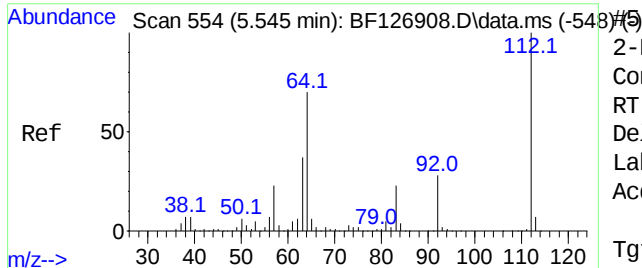
Ion Ratio Lower Upper

42 100

74 125.9 125.6 188.4

44 7.4 5.7 8.5





2-Fluorophenol

Concen: 101.554 ng

RT: 5.545 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF126919.D

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Instrument :

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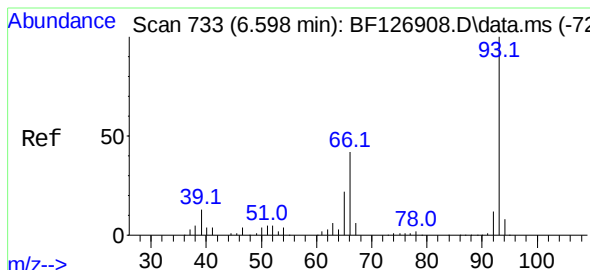
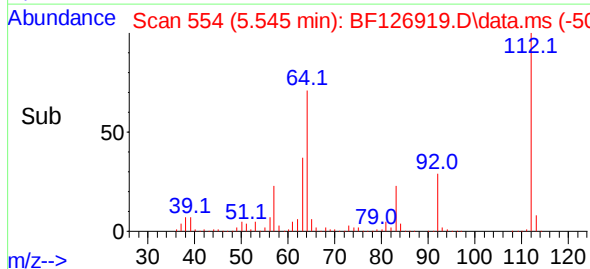
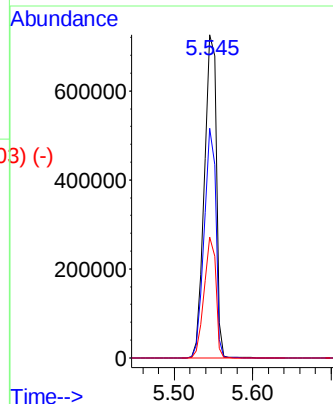
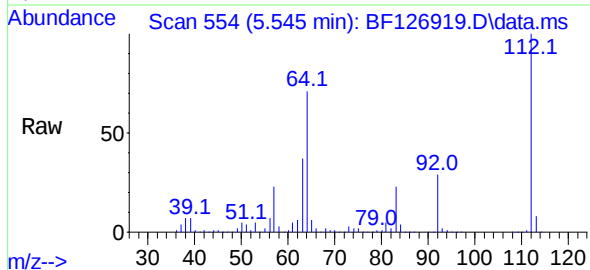
Tgt Ion:112 Resp: 765567

Ion Ratio Lower Upper

112 100

64 71.0 49.5 74.3

63 37.4 23.9 35.9#



Aniline

Concen: 10.662 ng

RT: 6.598 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

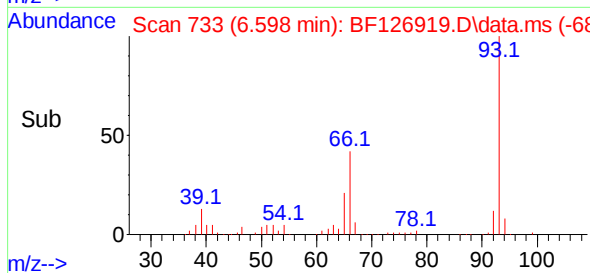
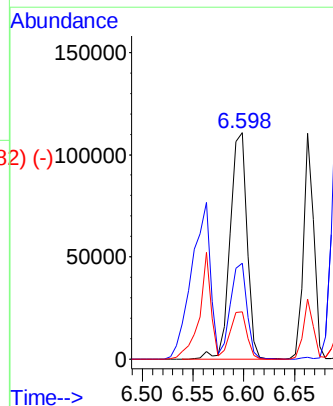
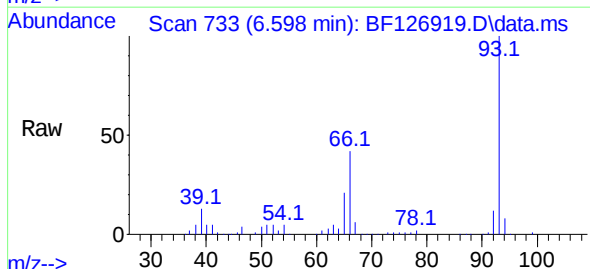
Tgt Ion: 93 Resp: 128502

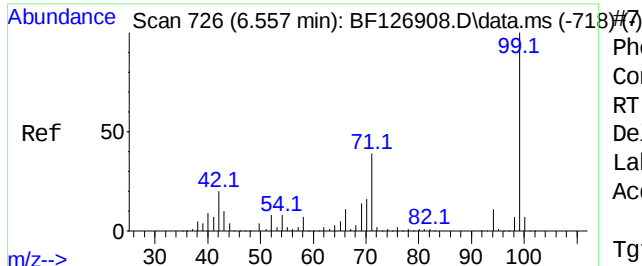
Ion Ratio Lower Upper

93 100

66 42.2 32.2 48.4

65 20.9 16.3 24.5





Phenol-d6

Concen: 103.085 ng

RT: 6.551 min Scan#

Delta R.T. -0.006 min

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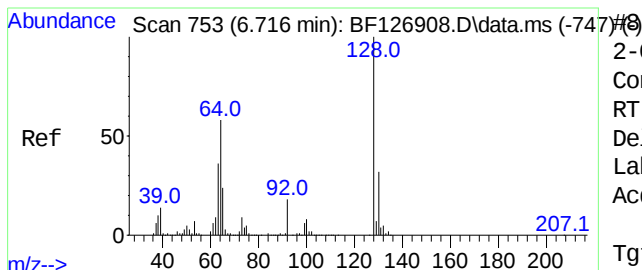
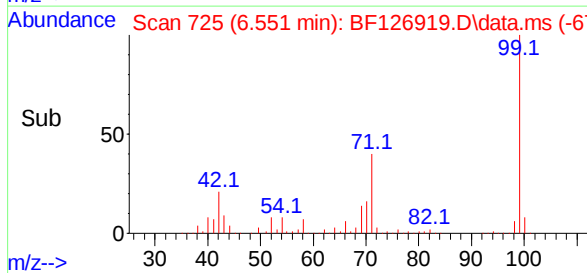
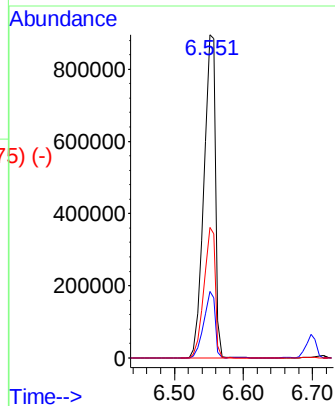
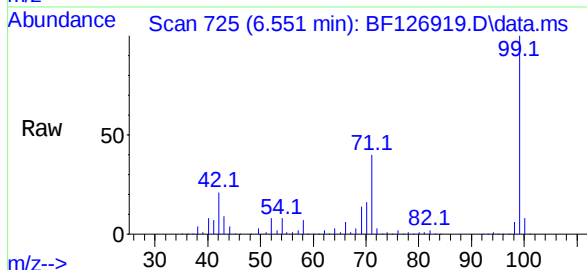
Tgt Ion: 99 Resp: 1048591

Ion Ratio Lower Upper

99 100

42 20.5 14.2 21.4

71 40.5 24.3 36.5#



2-Chlorophenol

Concen: 9.841 ng

RT: 6.716 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

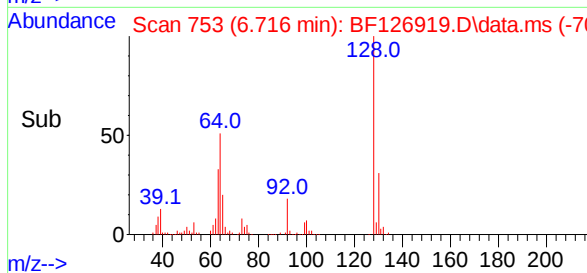
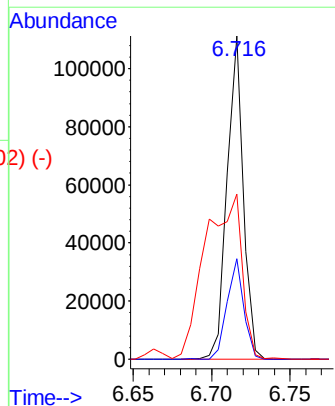
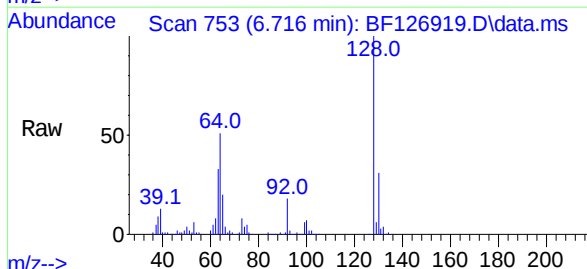
Tgt Ion:128 Resp: 79601

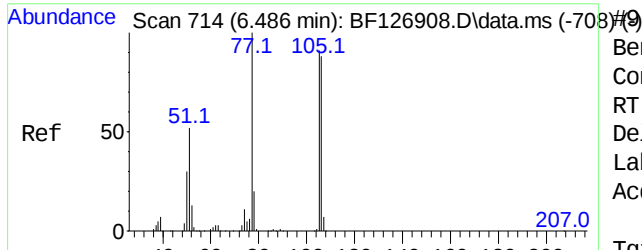
Ion Ratio Lower Upper

128 100

130 31.0 12.7 52.7

64 51.1 35.6 75.6





Benzaldehyde

Concen: 11.301 ng

RT: 6.486 min Scan#

Delta R.T. 0.000 min

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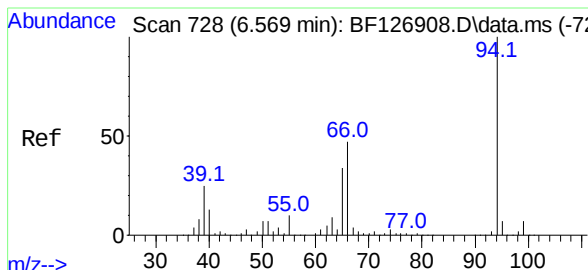
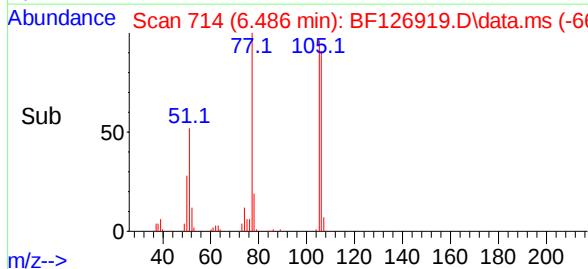
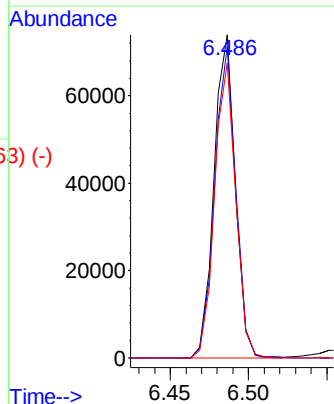
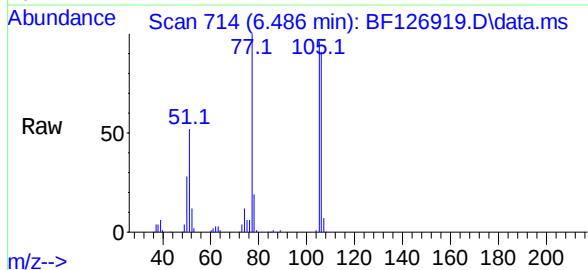
Tgt Ion: 77 Resp: 69977

Ion Ratio Lower Upper

77 100

105 96.4 74.9 114.9

106 91.2 72.4 112.4



Phenol

Concen: 9.713 ng

RT: 6.563 min Scan# 727

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

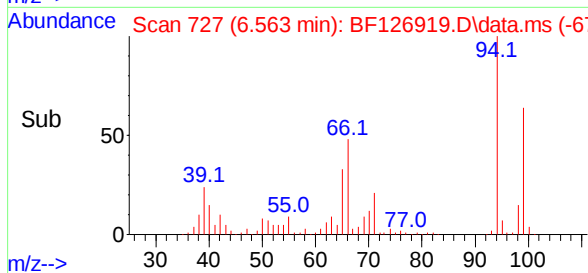
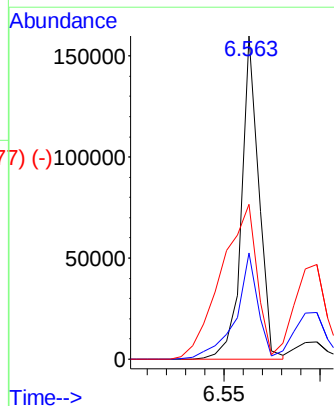
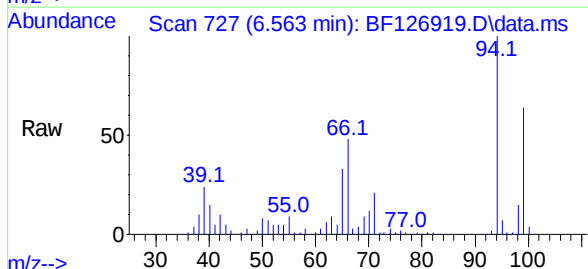
Tgt Ion: 94 Resp: 99832

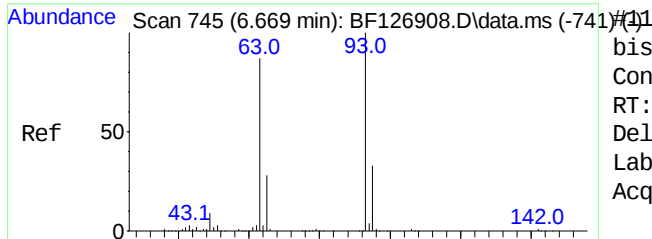
Ion Ratio Lower Upper

94 100

65 32.8 7.2 47.2

66 48.0 14.5 54.5

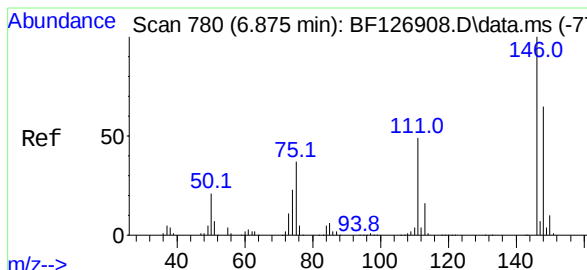
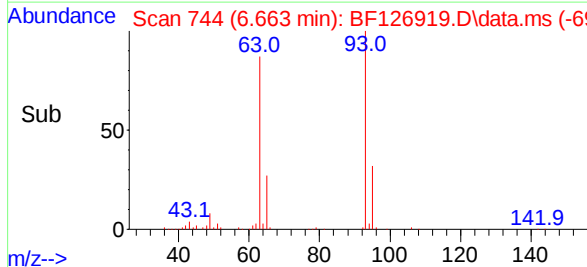
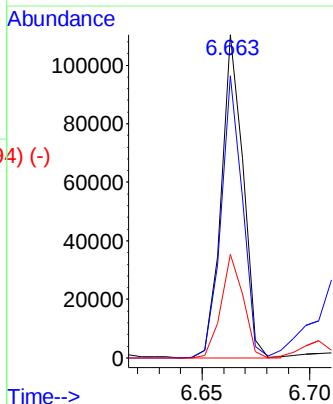
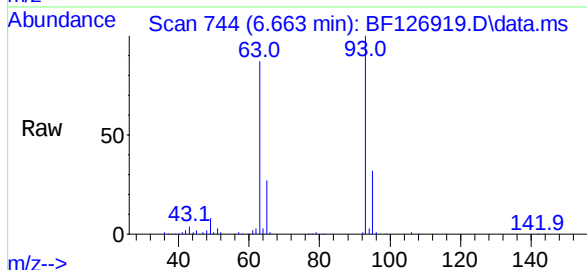




bis(2-Chloroethyl)ether
Concen: 9.742 ng
RT: 6.663 min Scan#
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

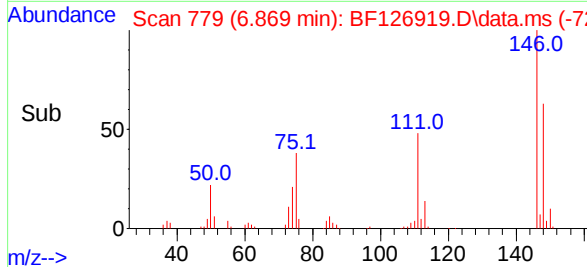
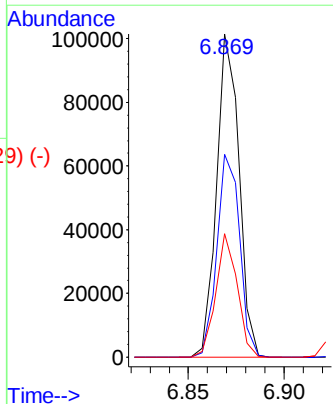
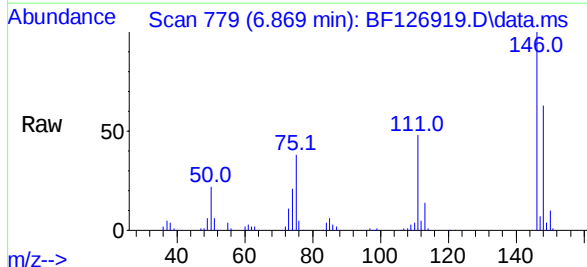
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	93	Resp:	78539
Ion	Ratio	Lower	Upper
93	100		
63	87.3	60.5	100.5
95	32.1	12.9	52.9



1,3-Dichlorobenzene
Concen: 9.492 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	146	Resp:	82822
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.9	76.3
75	38.2	28.4	42.6



Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-788) #13

1,4-Dichlorobenzene

Concen: 9.649 ng

RT: 6.951 min Scan#

Delta R.T. 0.000 min

Lab File: BF126919.D

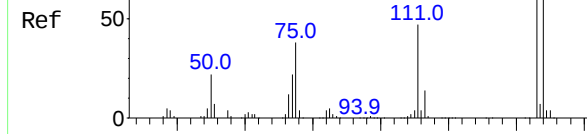
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



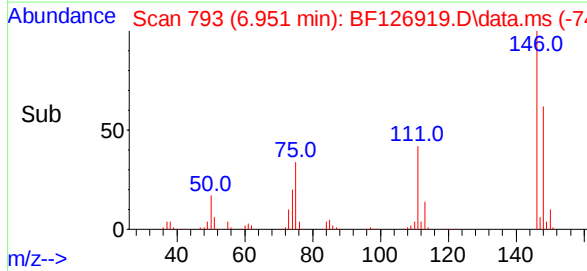
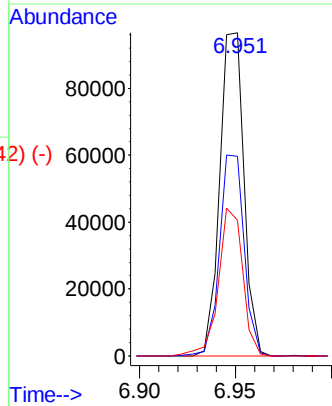
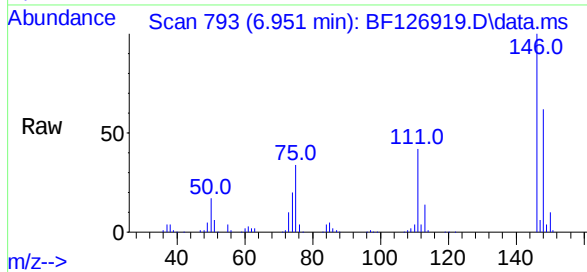
Tgt Ion:146 Resp: 85350

Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

111 42.0 36.1 54.1



Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-813) #14

1,2-Dichlorobenzene

Concen: 9.514 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

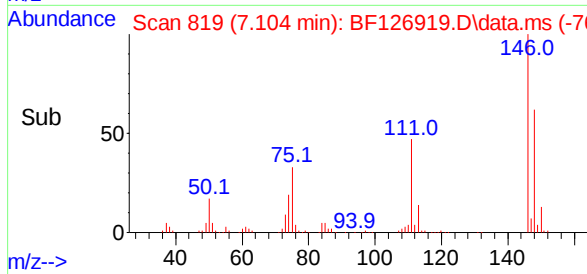
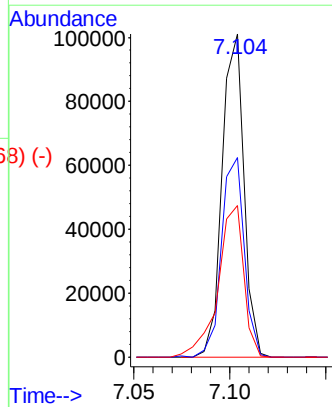
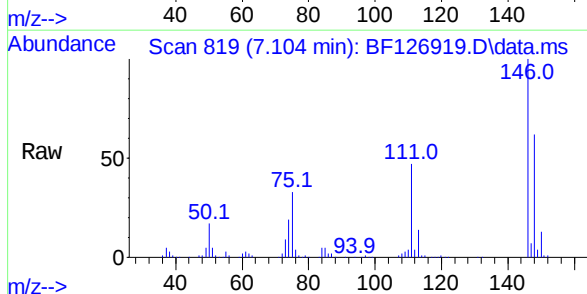
Tgt Ion:146 Resp: 80258

Ion Ratio Lower Upper

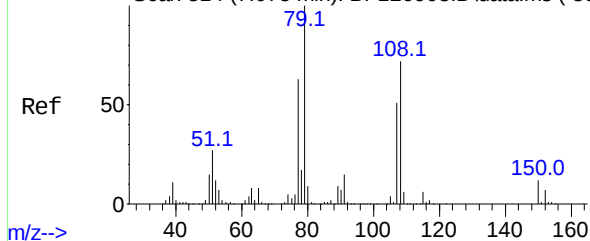
146 100

148 61.7 51.6 77.4

111 47.0 40.2 60.2



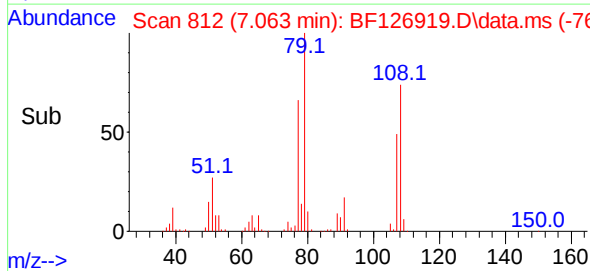
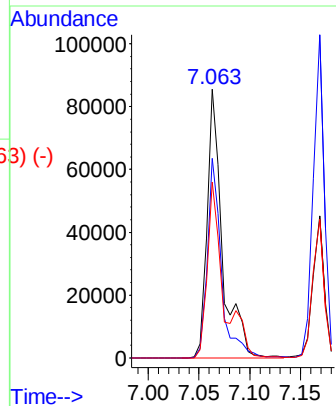
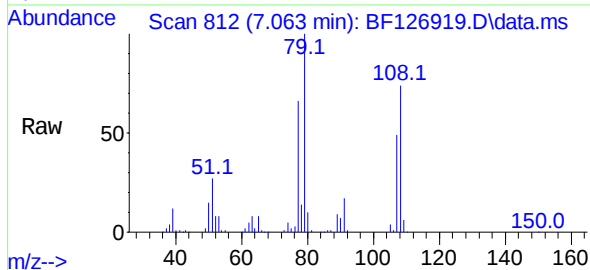
Abundance Scan 814 (7.075 min): BF126908.D\data.ms (-807) #15



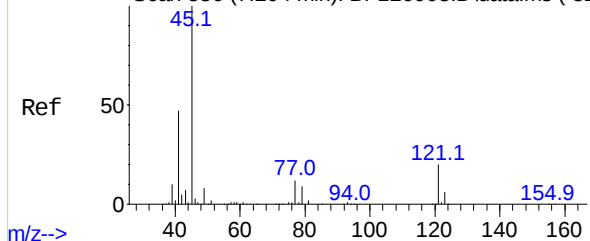
Benzyl Alcohol
Concen: 10.518 ng
RT: 7.063 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	79	Resp:	90137
Ion	Ratio	Lower	Upper
79	100		
108	74.3	63.2	94.8
77	65.5	49.4	74.2

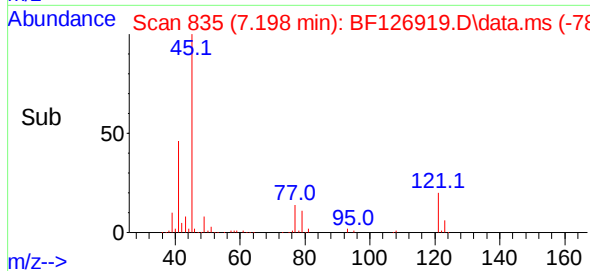
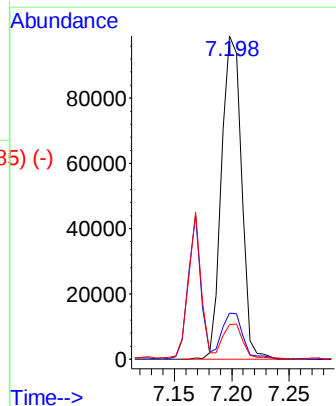
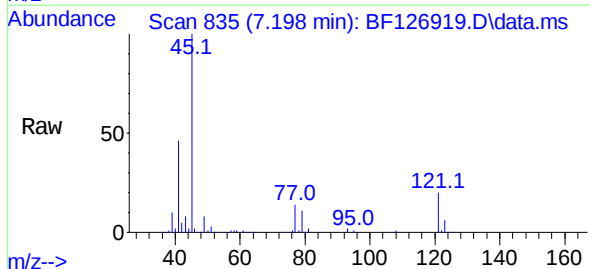


Abundance Scan 836 (7.204 min): BF126908.D\data.ms (-828) #16

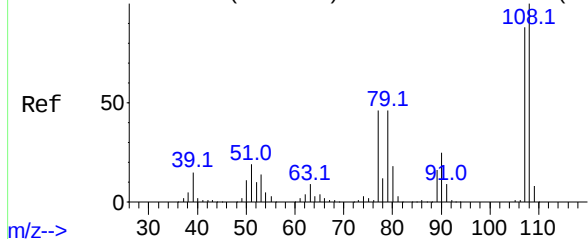


2,2'-oxybis(1-Chloropropane)
Concen: 9.505 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	45	Resp:	120657
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	32.4
79	10.7	0.0	29.8



Abundance Scan 831 (7.175 min): BF126908.D\data.ms (-826) #17



2-Methylphenol

Concen: 9.851 ng

RT: 7.169 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF126919.D

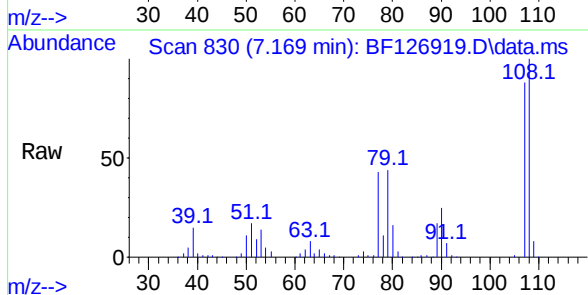
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



Tgt Ion:107 Resp: 68939

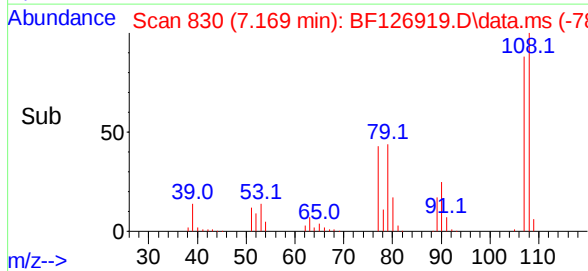
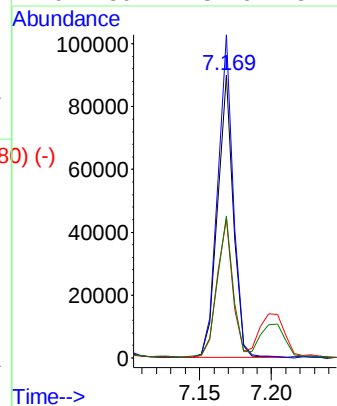
Ion Ratio Lower Upper

107 100

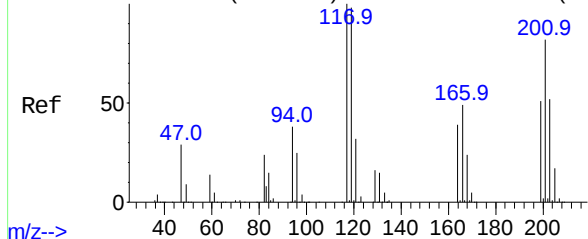
108 114.2 93.4 140.0

77 49.0 36.1 54.1

79 50.1 34.9 52.3



Abundance Scan 877 (7.445 min): BF126908.D\data.ms (-872) #18



Hexachloroethane

Concen: 9.600 ng

RT: 7.445 min Scan# 877

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

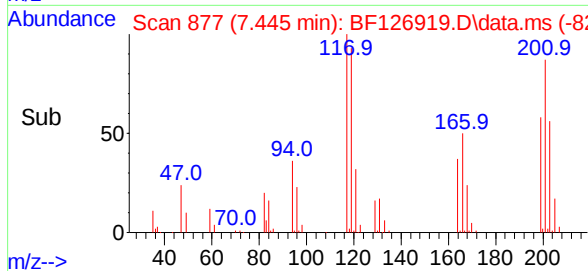
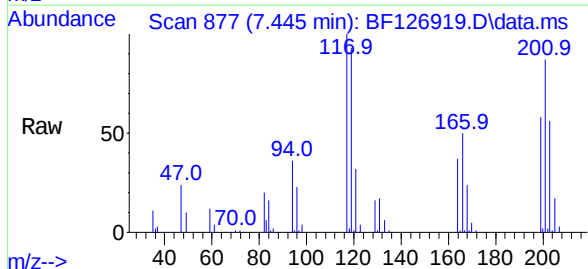
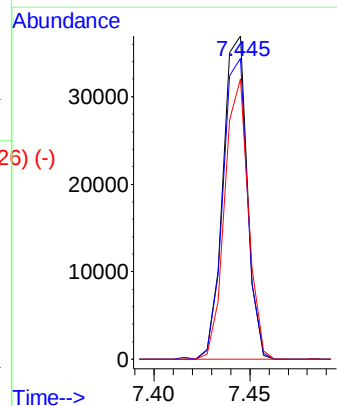
Tgt Ion:117 Resp: 32550

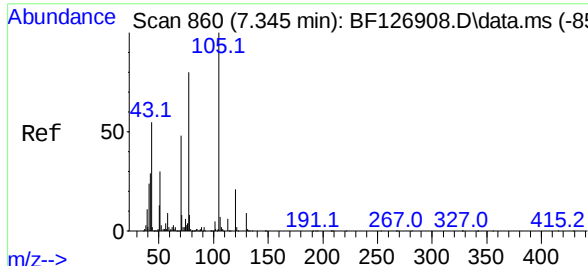
Ion Ratio Lower Upper

117 100

119 93.0 75.4 113.0

201 86.8 56.8 85.2#

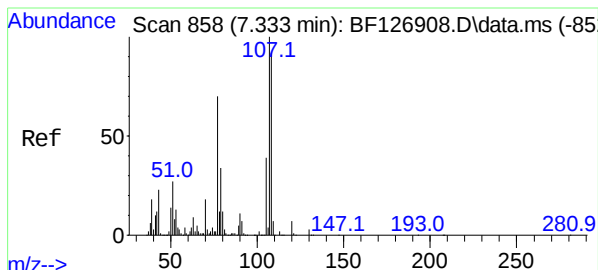
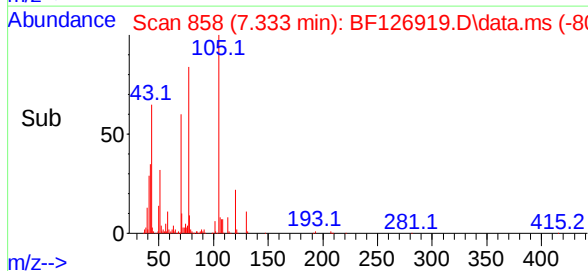
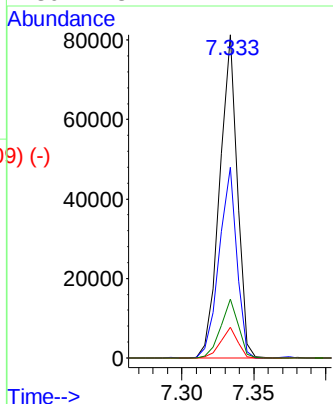
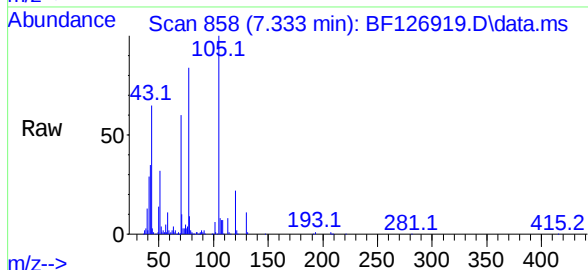




#19
n-Nitroso-di-n-propylamine
Concen: 10.497 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

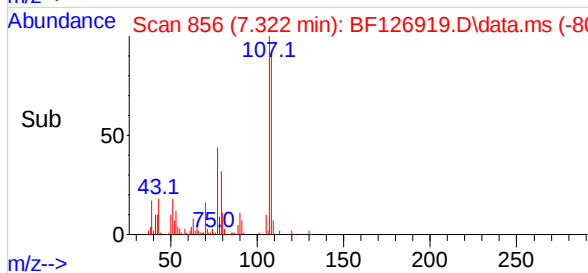
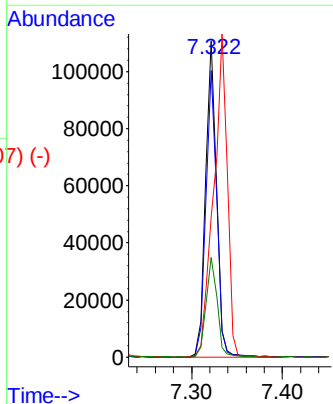
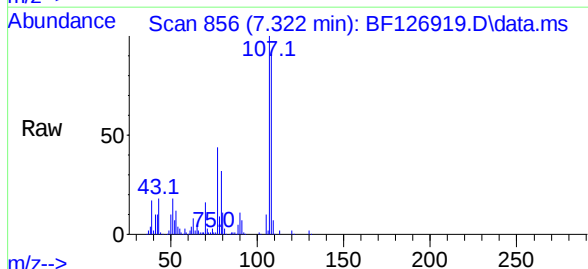
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	70	Resp:	68802
Ion	Ratio	Lower	Upper
70	100		
42	59.0	45.8	68.8
101	9.5	6.9	10.3
130	18.1	14.4	21.6



#20
3+4-Methylphenols
Concen: 10.230 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	107	Resp:	92966
Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.4	112.4
77	44.2	83.8	123.8#
79	31.6	8.5	48.5



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621-)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF126919.D

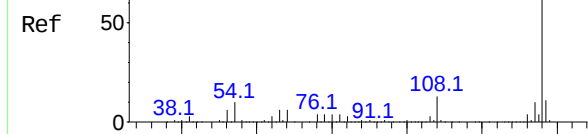
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

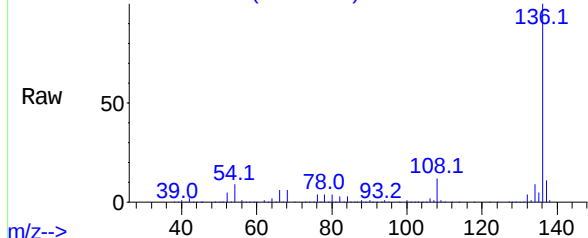
ClientSampleId :

LOQ-WATER-02-QT4-2021



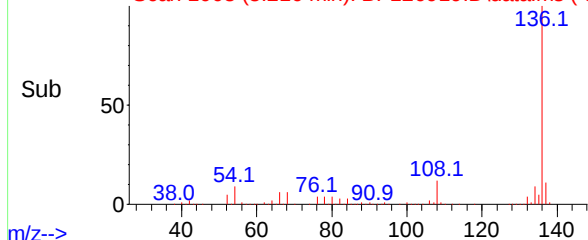
m/z-->

Abundance Scan 1008 (8.216 min): BF126919.D\data.ms



m/z-->

Abundance Scan 1008 (8.216 min): BF126919.D\data.ms (-957) (-)



m/z-->

Tgt Ion:136 Resp: 471405

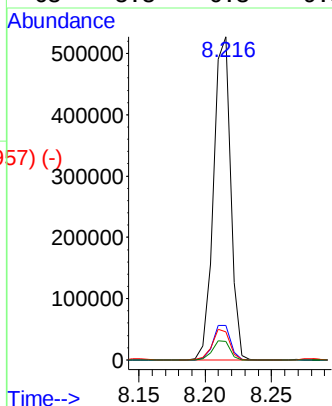
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 7.8 11.6

68 5.8 6.3 9.5#



Abundance Scan 860 (7.345 min): BF126908.D\data.ms (-85372)

Acetophenone

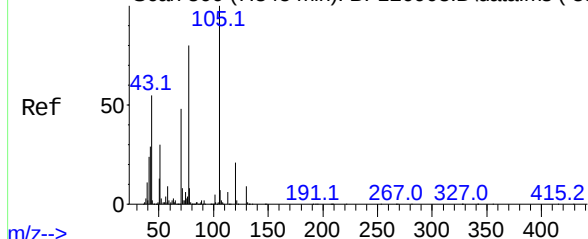
Concen: 8.785 ng

RT: 7.333 min Scan# 858

Delta R.T. -0.012 min

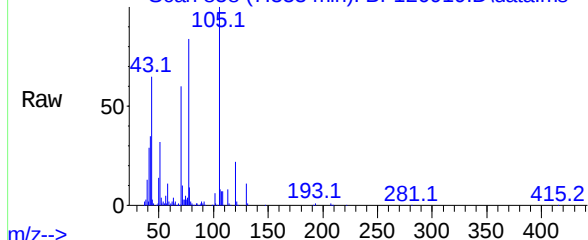
Lab File: BF126919.D

Acq: 16 Feb 2022 18:34



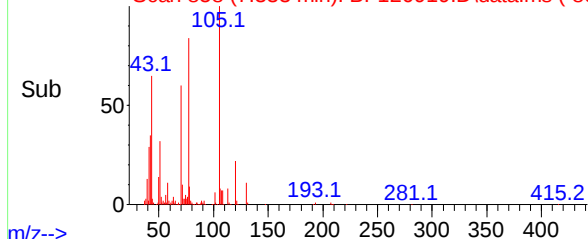
m/z-->

Abundance Scan 858 (7.333 min): BF126919.D\data.ms



m/z-->

Abundance Scan 858 (7.333 min): BF126919.D\data.ms (-809) (-)



m/z-->

Tgt Ion:105 Resp: 109033

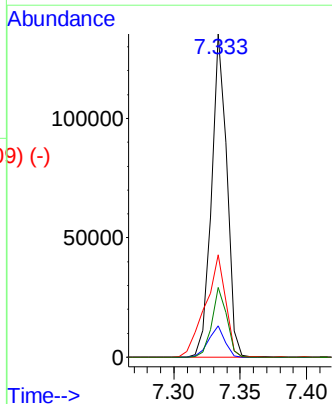
Ion Ratio Lower Upper

105 100

71 9.7 5.4 8.0#

51 31.7 27.4 41.0

120 21.6 17.0 25.6



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23

Nitrobenzene-d5

Concen: 71.080 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126919.D

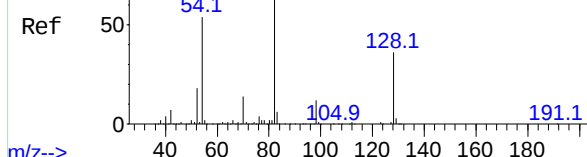
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



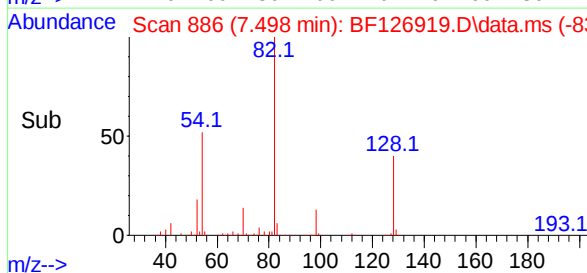
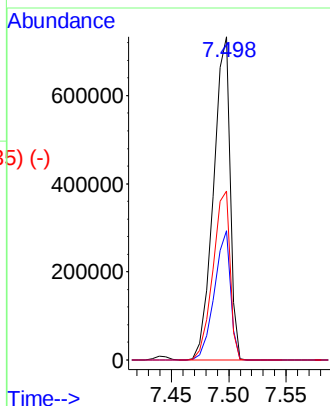
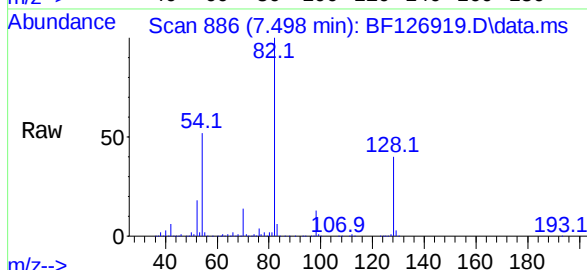
Tgt Ion: 82 Resp: 742343

Ion Ratio Lower Upper

82 100

128 40.0 32.7 49.1

54 52.3 41.7 62.5



Abundance Scan 890 (7.522 min): BF126908.D\data.ms (-881) #24

Nitrobenzene

Concen: 10.086 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

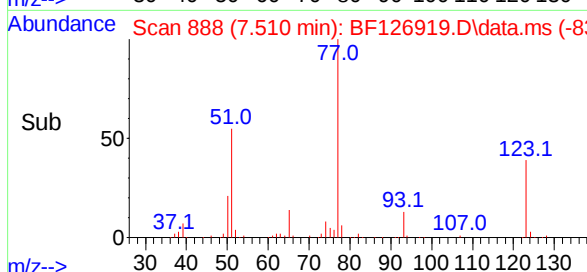
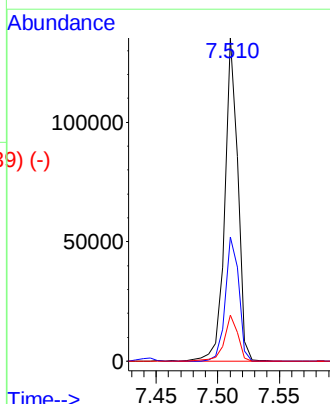
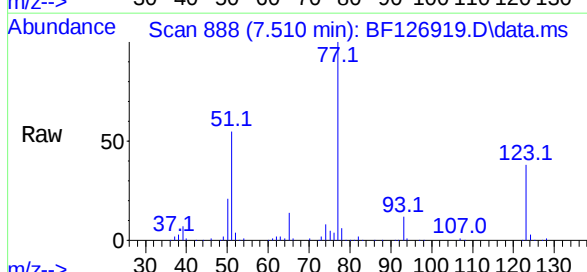
Tgt Ion: 77 Resp: 99510

Ion Ratio Lower Upper

77 100

123 38.4 34.6 52.0

65 14.3 10.6 15.8



Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25

Isophorone

Concen: 10.614 ng

RT: 7.745 min Scan# 928

Delta R.T. -0.012 min

Lab File: BF126919.D

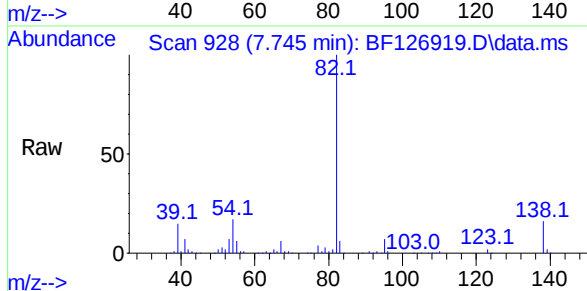
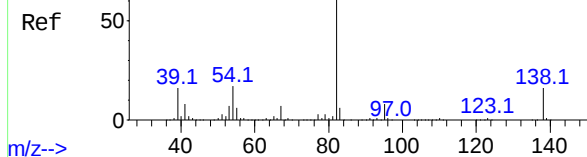
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



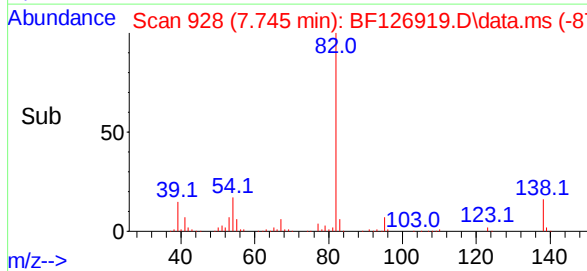
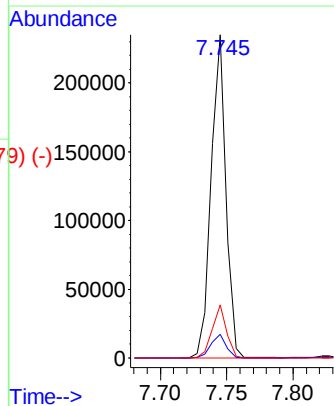
Tgt Ion: 82 Resp: 183424

Ion Ratio Lower Upper

82 100

95 7.4 5.0 7.4

138 16.5 12.3 18.5



Abundance Scan 943 (7.833 min): BF126908.D\data.ms (-937) #26

2-Nitrophenol

Concen: 9.520 ng

RT: 7.828 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

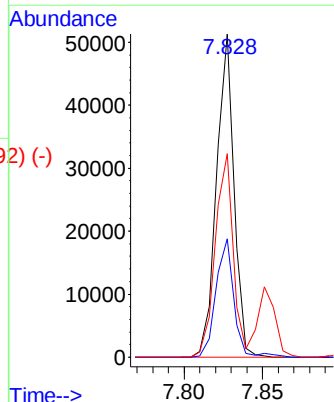
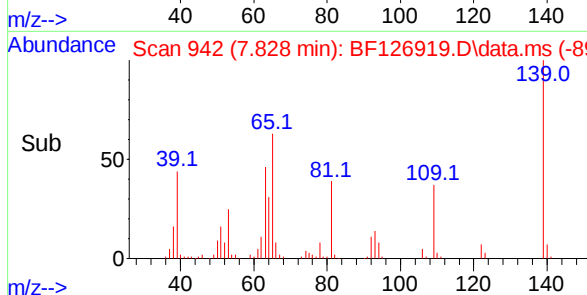
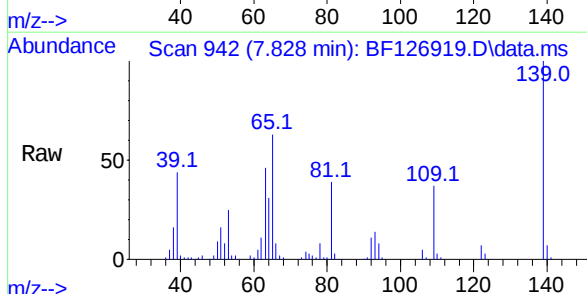
Tgt Ion: 139 Resp: 39989

Ion Ratio Lower Upper

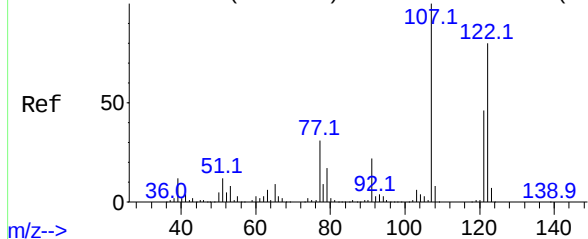
139 100

109 36.6 20.0 30.0#

65 62.9 40.8 61.2#



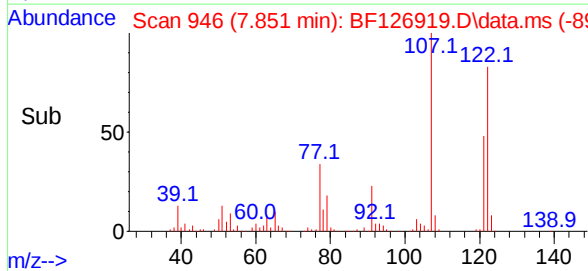
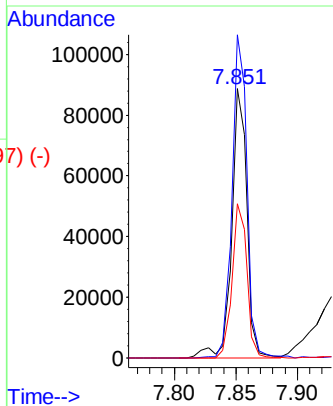
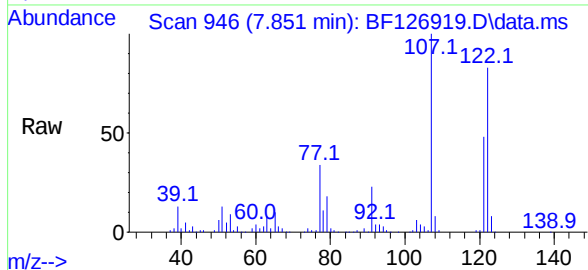
Abundance Scan 948 (7.863 min): BF126908.D\data.ms (-938) #27



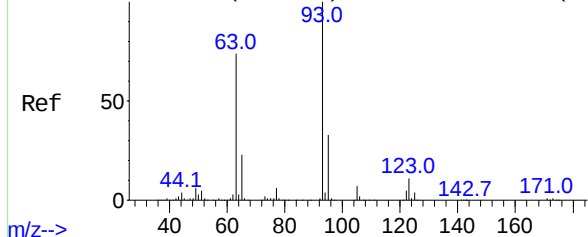
2,4-Dimethylphenol
Concen: 11.147 ng
RT: 7.851 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	122	Resp:	76920
Ion	Ratio	Lower	Upper
122	100		
107	120.1	91.2	136.8
121	57.3	44.4	66.6

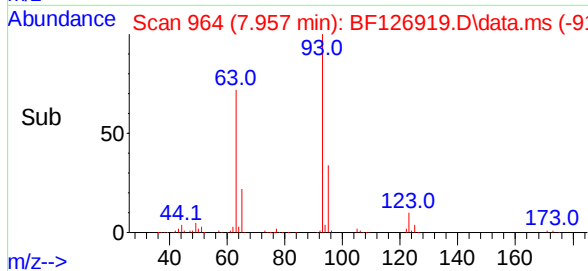
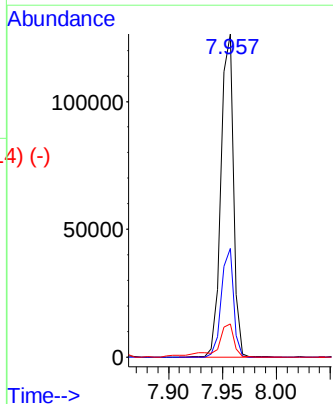
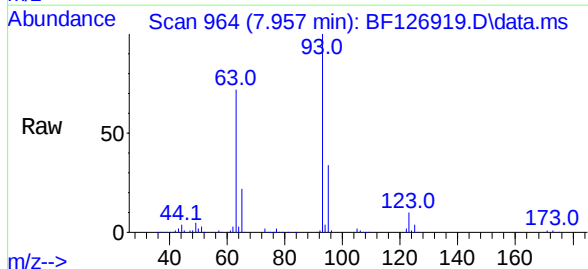


Abundance Scan 965 (7.963 min): BF126908.D\data.ms (-958) #28



bis(2-Chloroethoxy)methane
Concen: 9.942 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	93	Resp:	104164
Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.2
123	10.3	8.9	13.3



Abundance Scan 983 (8.069 min): BF126908.D\data.ms (-977) #29

2,4-Dichlorophenol

Concen: 9.764 ng

RT: 8.063 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF126919.D

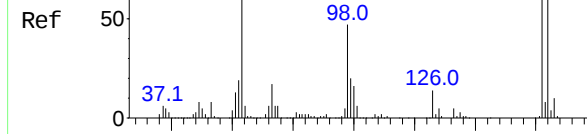
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



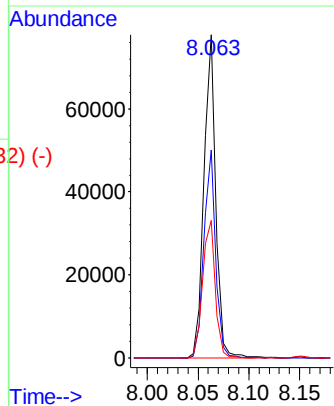
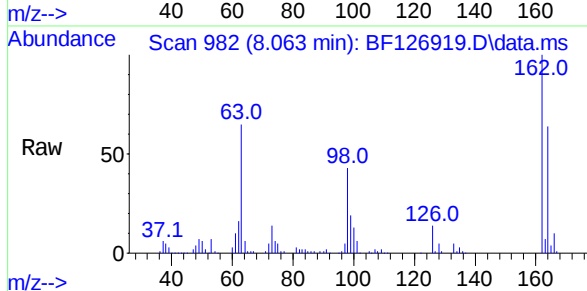
Tgt Ion:162 Resp: 63349

Ion Ratio Lower Upper

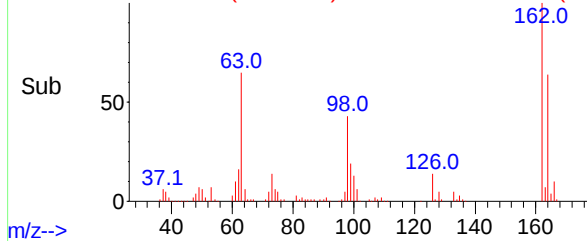
162 100

164 64.3 43.8 83.8

98 42.6 23.6 63.6



Abundance Scan 982 (8.063 min): BF126919.D\data.ms (-932) (-)



Abundance Scan 998 (8.157 min): BF126908.D\data.ms (-992) #30

1,2,4-Trichlorobenzene

Concen: 9.746 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

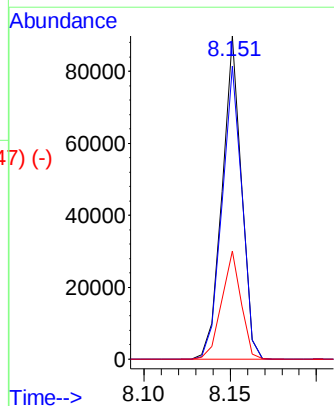
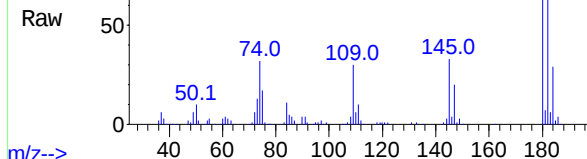
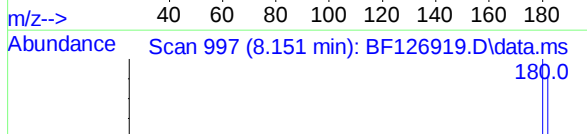
Tgt Ion:180 Resp: 70688

Ion Ratio Lower Upper

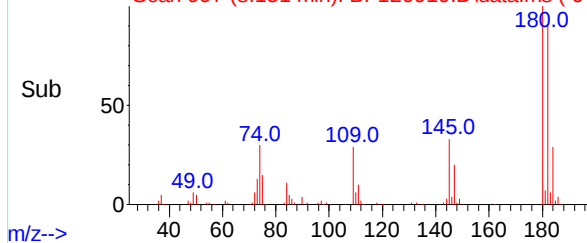
180 100

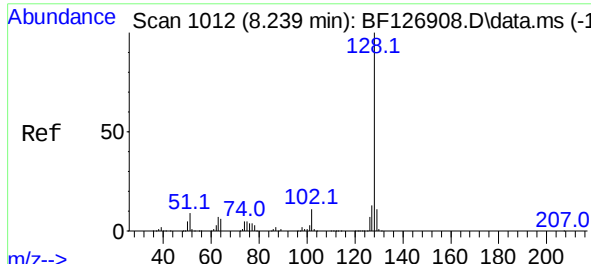
182 90.7 75.5 113.3

145 33.4 26.2 39.2



Abundance Scan 997 (8.151 min): BF126919.D\data.ms (-947) (-)

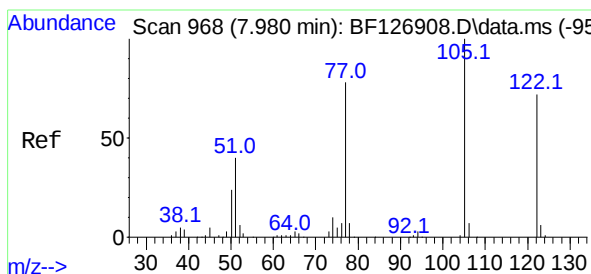
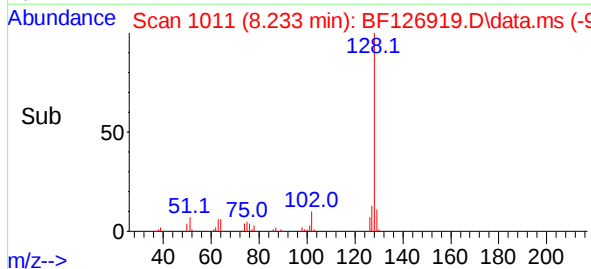
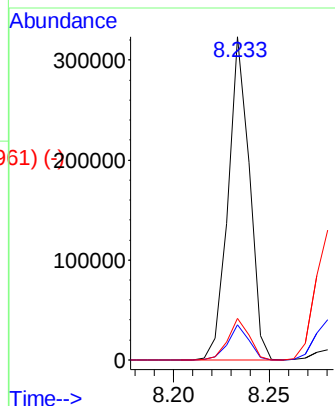
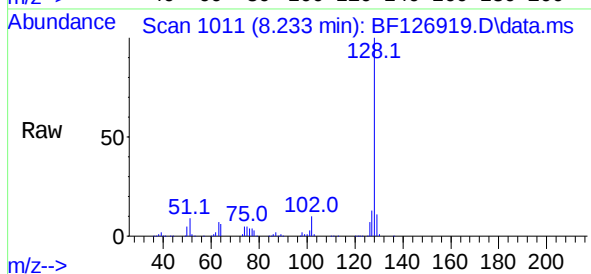




Naphthalene
Concen: 10.131 ng
RT: 8.233 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

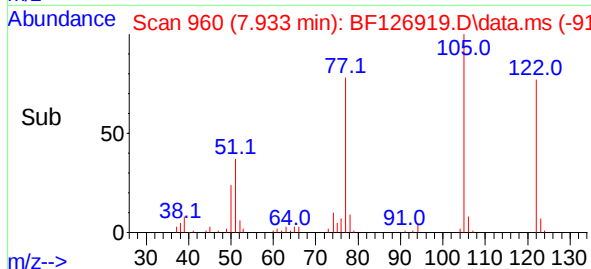
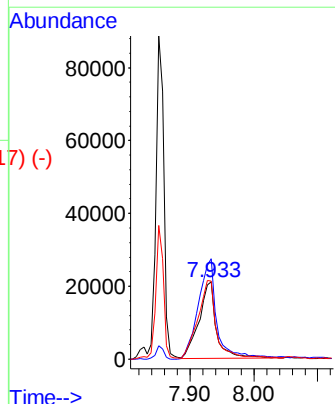
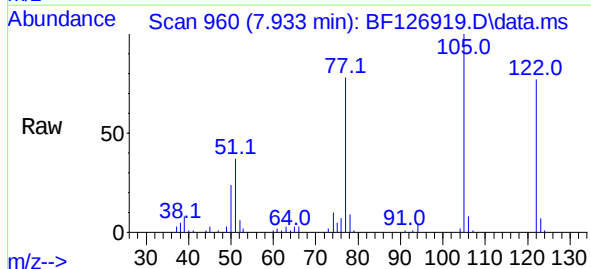
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	128	Resp:	249305
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.8	10.3	15.5

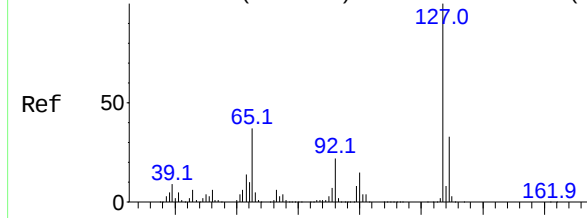


Benzoic acid
Concen: 8.141 ng
RT: 7.933 min Scan# 960
Delta R.T. -0.047 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	122	Resp:	39843
Ion	Ratio	Lower	Upper
122	100		
105	129.6	101.0	141.0
77	100.9	74.5	114.5



Abundance Scan 1020 (8.286 min): BF126908.D\data.ms (-1053)



4-Chloroaniline

Concen: 10.504 ng

RT: 8.280 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

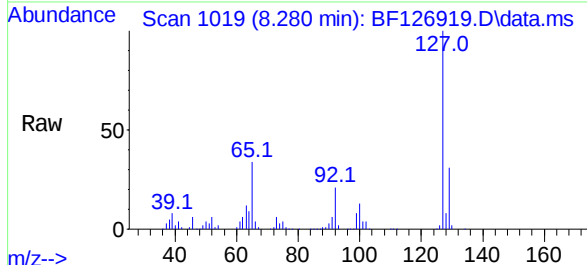
Instrument :

BNA_F

ClientSampleId :

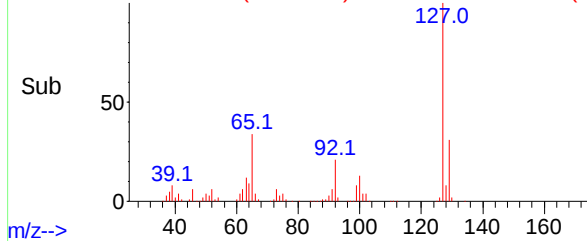
LOQ-WATER-02-QT4-2021

m/z-->



m/z-->

Abundance Scan 1019 (8.280 min): BF126919.D\data.ms (-969) (-)



m/z-->

Tgt Ion:127 Resp: 101738

Ion Ratio Lower Upper

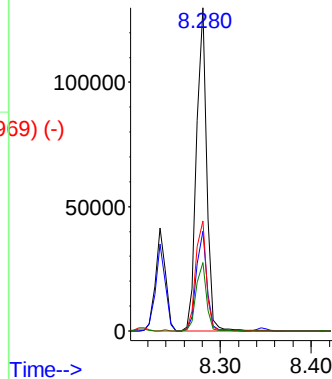
127 100

129 31.0 26.5 39.7

65 34.0 26.6 39.8

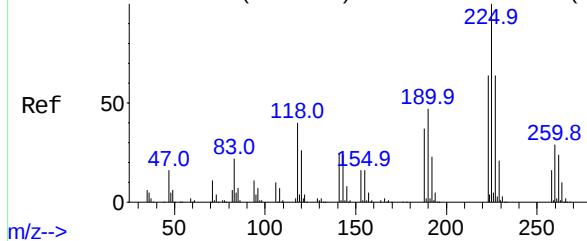
92 21.1 16.1 24.1

Abundance

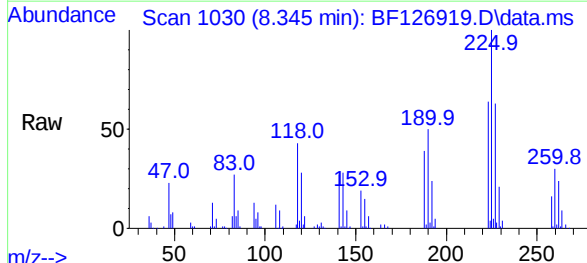


Time-->

Abundance Scan 1031 (8.351 min): BF126908.D\data.ms (-1025)

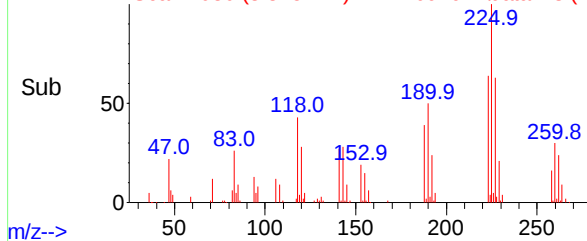


m/z-->



m/z-->

Abundance Scan 1030 (8.345 min): BF126919.D\data.ms (-980) (-)



m/z-->

Hexachlorobutadiene

Concen: 9.341 ng

RT: 8.345 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:225 Resp: 39557

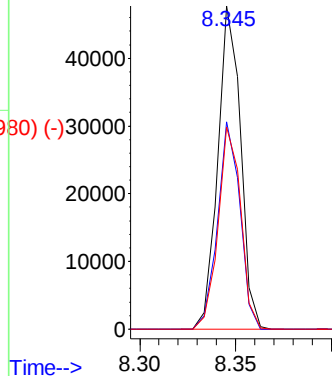
Ion Ratio Lower Upper

225 100

223 64.1 48.6 73.0

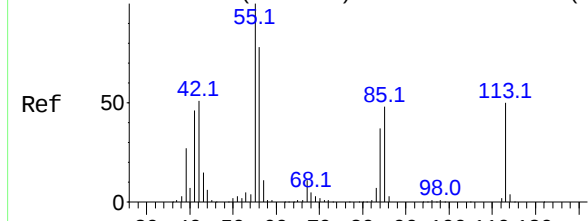
227 62.5 51.4 77.0

Abundance



Time-->

Abundance Scan 1084 (8.663 min): BF126908.D\data.ms (-1078)



Caprolactam

Concen: 8.881 ng

RT: 8.622 min Scan# 1084

Delta R.T. -0.041 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:113 Resp: 20122

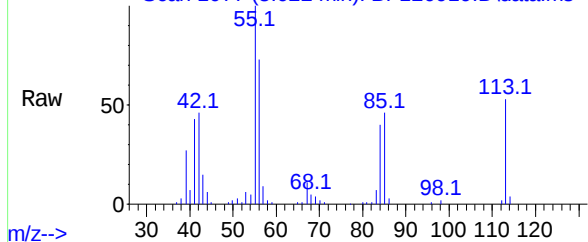
Ion Ratio Lower Upper

113 100

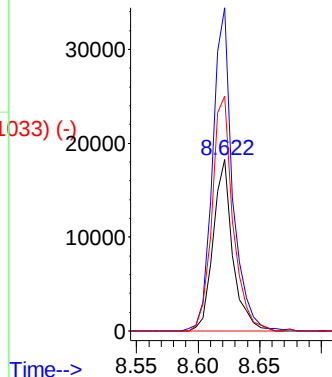
55 188.5 183.9 223.9

56 136.8 129.9 169.9

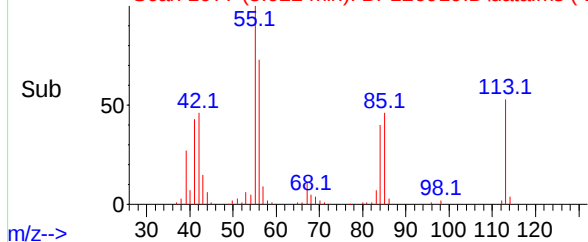
Abundance Scan 1077 (8.622 min): BF126919.D\data.ms



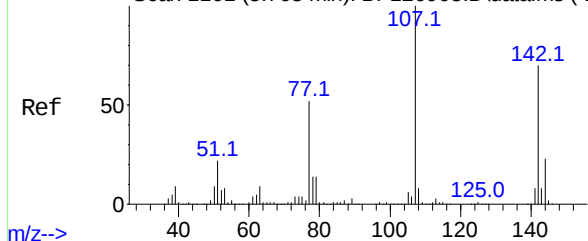
Abundance



Abundance Scan 1077 (8.622 min): BF126919.D\data.ms (-1033) (-)



Abundance Scan 1101 (8.763 min): BF126908.D\data.ms (-1099)



4-Chloro-3-methylphenol

Concen: 9.915 ng

RT: 8.751 min Scan# 1099

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:107 Resp: 82209

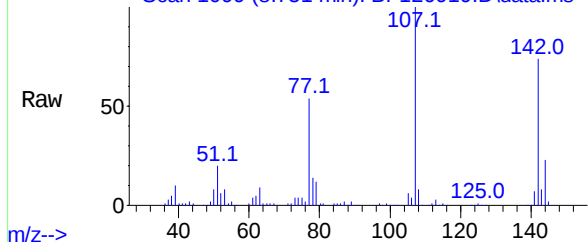
Ion Ratio Lower Upper

107 100

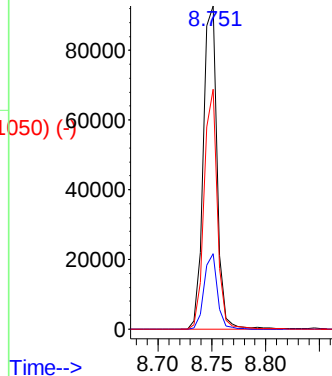
144 23.3 18.5 27.7

142 74.2 58.1 87.1

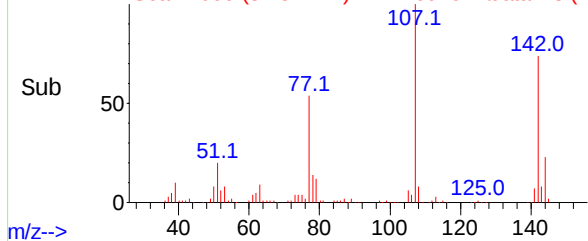
Abundance Scan 1099 (8.751 min): BF126919.D\data.ms



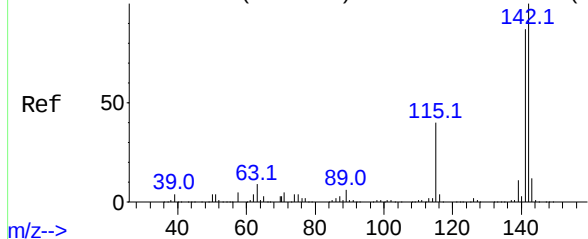
Abundance



Abundance Scan 1099 (8.751 min): BF126919.D\data.ms (-1050) (-)



Abundance Scan 1129 (8.927 min): BF126908.D\data.ms (-1129)



2-Methylnaphthalene

Concen: 10.385 ng

RT: 8.922 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

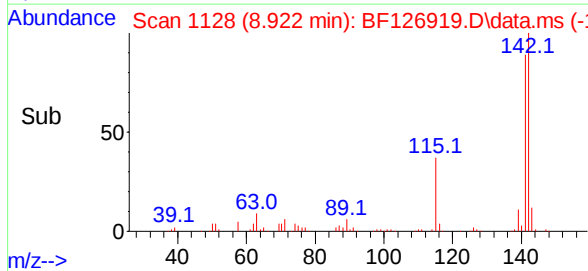
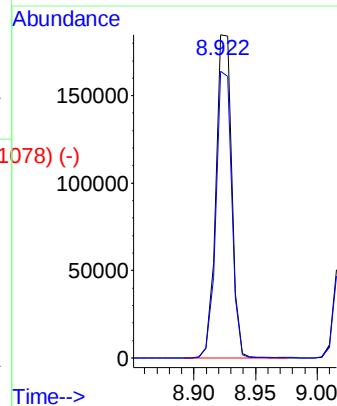
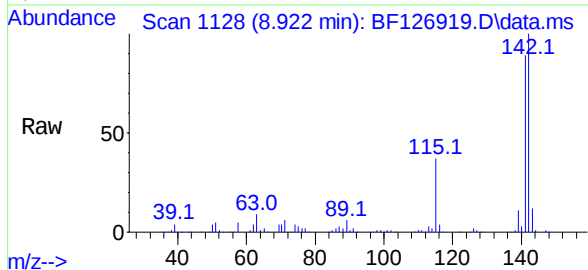
LOQ-WATER-02-QT4-2021

Tgt Ion:142 Resp: 165832

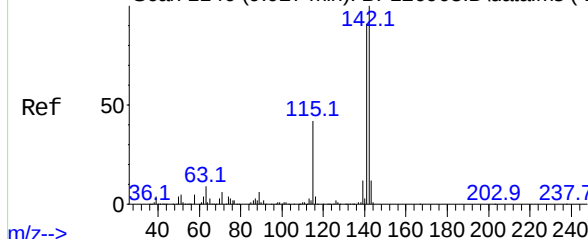
Ion Ratio Lower Upper

142 100

141 88.7 68.6 102.8



Abundance Scan 1146 (9.027 min): BF126908.D\data.ms (-1146)



1-Methylnaphthalene

Concen: 10.272 ng

RT: 9.027 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF126919.D

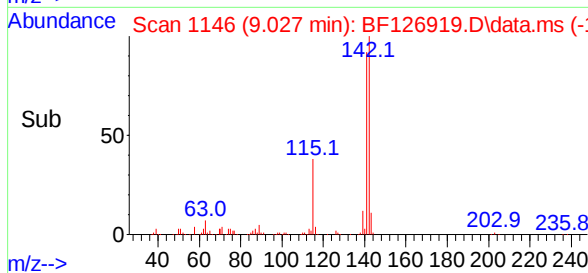
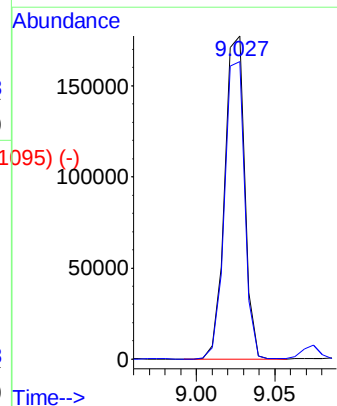
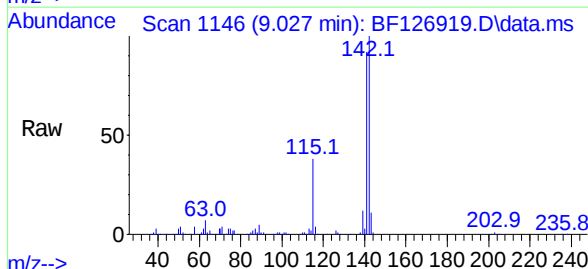
Acq: 16 Feb 2022 18:34

Tgt Ion:142 Resp: 157067

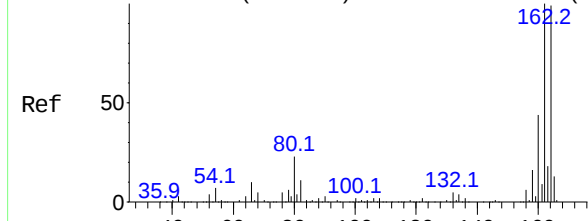
Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-13079)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

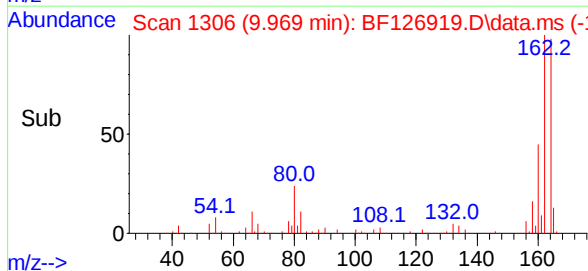
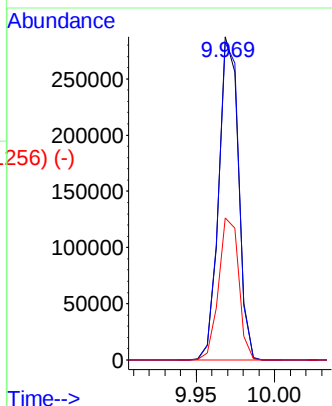
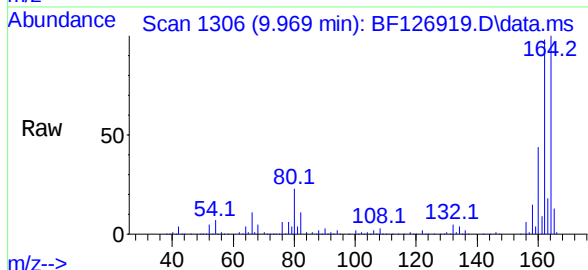
Tgt Ion:164 Resp: 250597

Ion Ratio Lower Upper

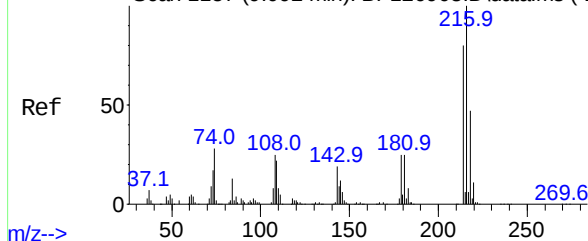
164 100

162 98.2 81.4 122.0

160 44.0 36.6 54.8



Abundance Scan 1157 (9.092 min): BF126908.D\data.ms (-11540)



1,2,4,5-Tetrachlorobenzene

Concen: 8.585 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:216 Resp: 56631

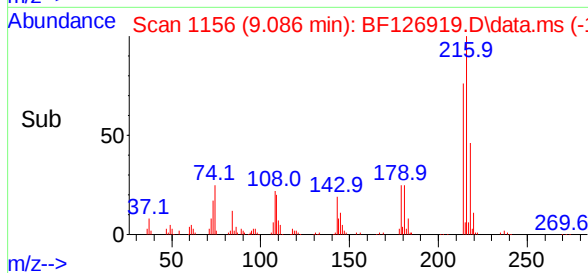
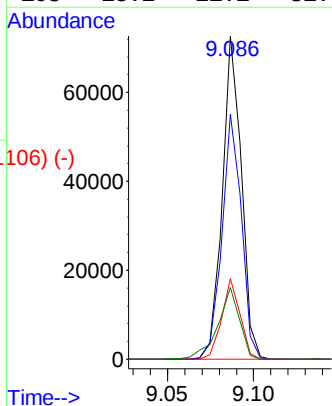
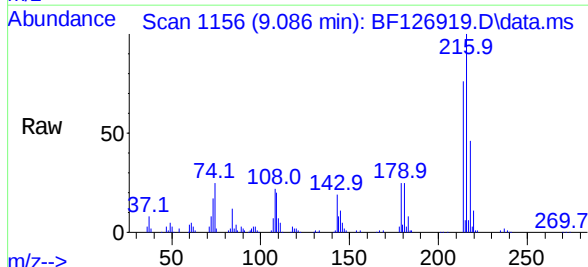
Ion Ratio Lower Upper

216 100

214 76.9 64.6 96.8

179 24.0 19.5 29.3

108 25.2 21.1 31.7



Abundance Scan 1155 (9.080 min): BF126908.D\data.ms (-1141)

Hexachlorocyclopentadiene

Concen: 10.359 ng

RT: 9.075 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:237 Resp: 37061

Ion Ratio Lower Upper

237 100

235 62.3 38.9 78.9

272 13.9 0.0 33.5

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

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Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

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Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

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Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

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Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1154 (9.075 min): BF126919.D\data.ms

m/z-->

Abundance

50000

40000

30000

20000

10000

0

9.05

9.075

9.10

Time-->

Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1463)

2,4,6-Tribromophenol

Concen: 106.920 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:330 Resp: 308495

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 36.0 30.1 45.1

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance Scan 1441 (10.763 min): BF126919.D\data.ms

m/z-->

Abundance

300000

200000

100000

0

10.70

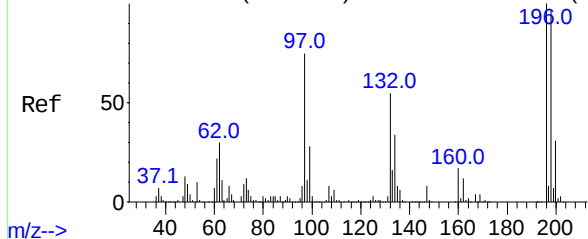
10.763

10.80

10.90

Time-->

Abundance Scan 1176 (9.204 min): BF126908.D\data.ms (-1176) (-)



2,4,6-Trichlorophenol

Concen: 9.188 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion:196 Resp: 44452

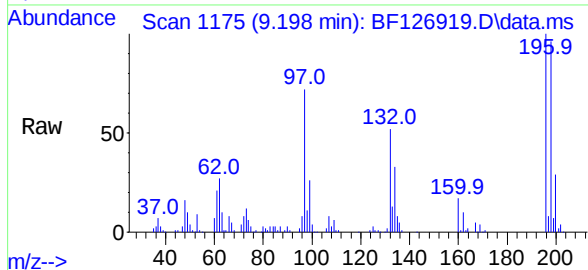
Ion Ratio Lower Upper

196 100

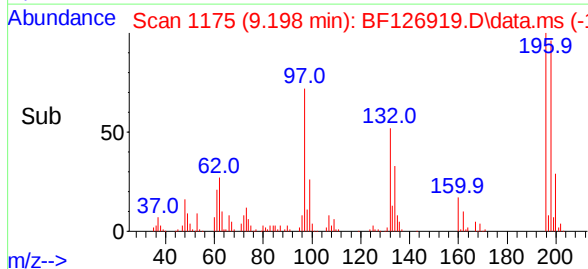
198 96.4 78.5 117.7

200 28.6 24.9 37.3

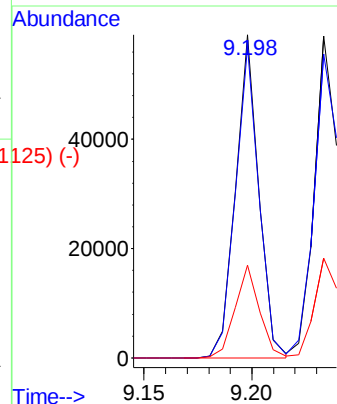
m/z-->



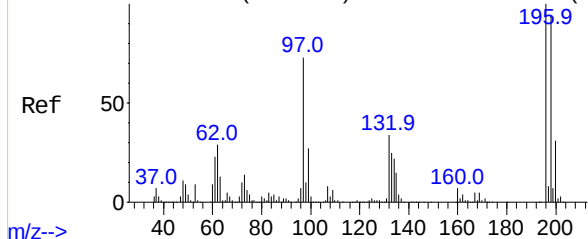
m/z-->



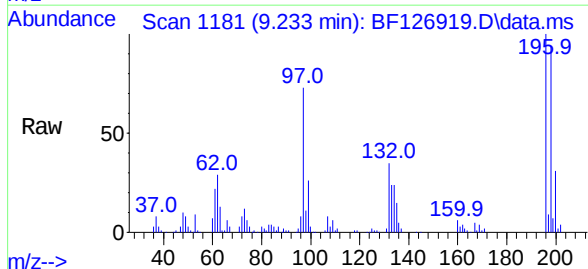
m/z-->



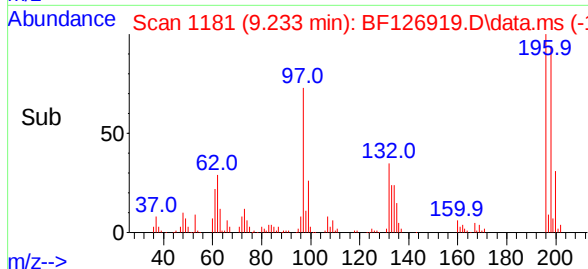
Abundance Scan 1182 (9.239 min): BF126908.D\data.ms (-1182) (-)



m/z-->



m/z-->



m/z-->

2,4,5-Trichlorophenol

Concen: 9.175 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:196 Resp: 46712

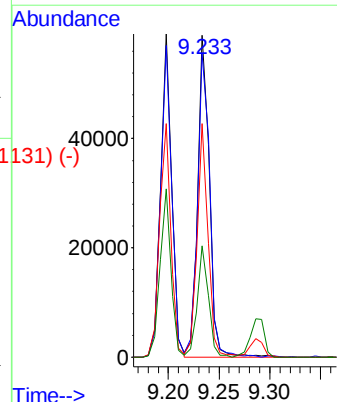
Ion Ratio Lower Upper

196 100

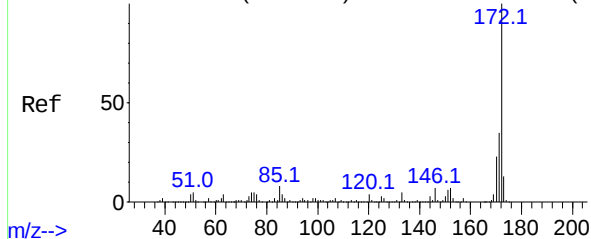
198 94.5 82.0 123.0

97 72.5 53.5 80.3

132 34.6 28.7 43.1



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11851)



2-Fluorobiphenyl

Concen: 69.380 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

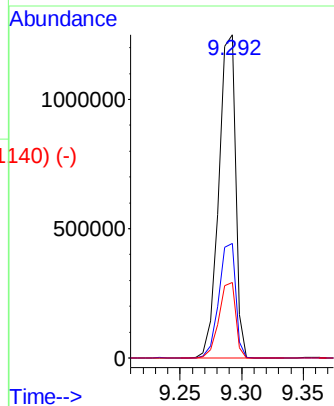
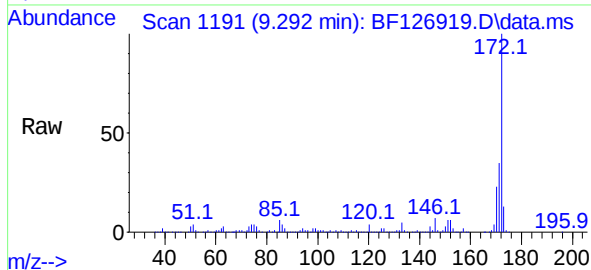
Tgt Ion:172 Resp: 1181010

Ion Ratio Lower Upper

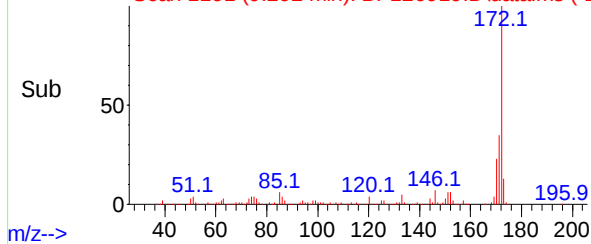
172 100

171 35.4 28.3 42.5

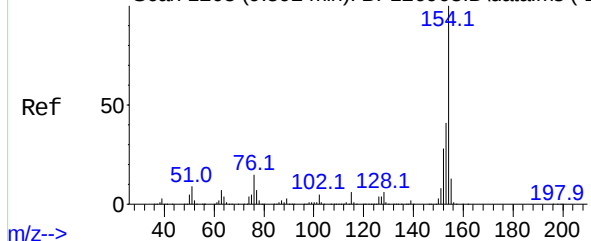
170 23.3 19.0 28.6



Abundance Scan 1191 (9.292 min): BF126919.D\data.ms (-1140) (-)



Abundance Scan 1208 (9.392 min): BF126908.D\data.ms (-12046)



1,1'-Biphenyl

Concen: 8.810 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

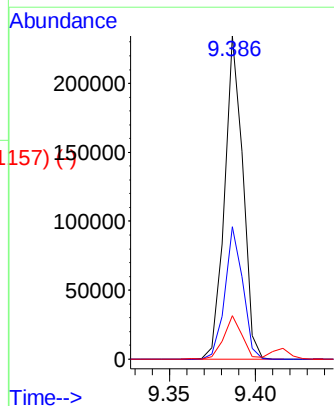
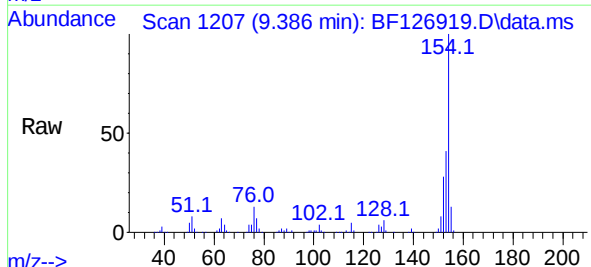
Tgt Ion:154 Resp: 174915

Ion Ratio Lower Upper

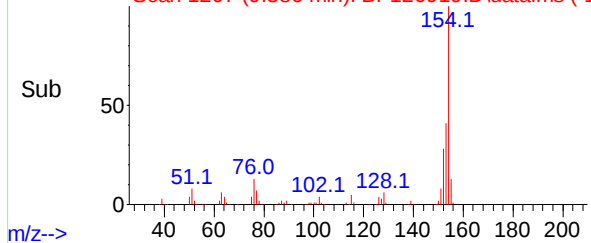
154 100

153 41.0 19.0 59.0

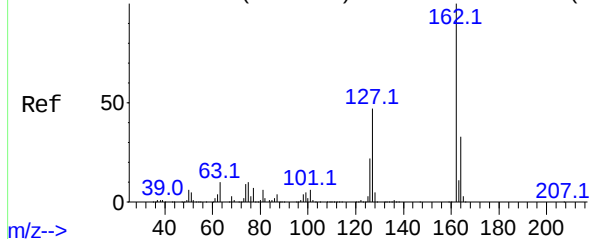
76 13.4 0.0 34.5



Abundance Scan 1207 (9.386 min): BF126919.D\data.ms (-1157) (-)



Abundance Scan 1213 (9.422 min): BF126908.D\data.ms (-12067)



2-Chloronaphthalene

Concen: 9.932 ng

RT: 9.416 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

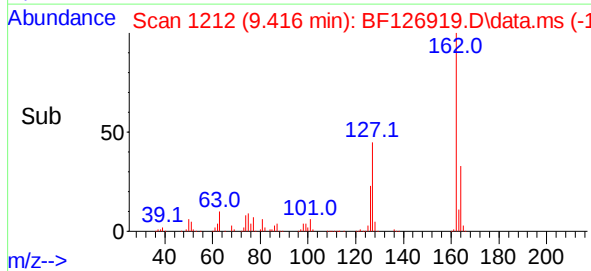
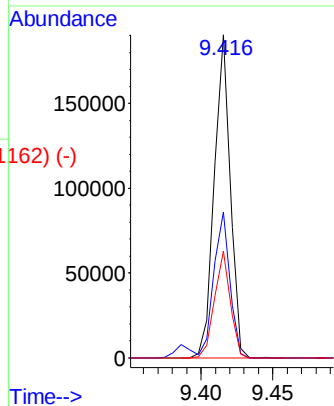
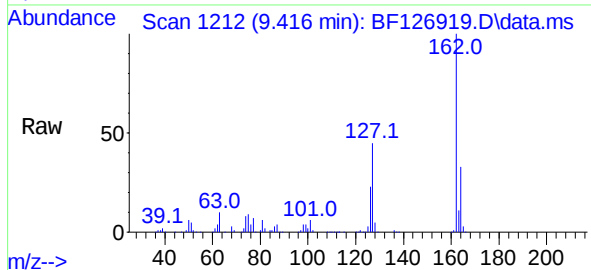
Tgt Ion:162 Resp: 146225

Ion Ratio Lower Upper

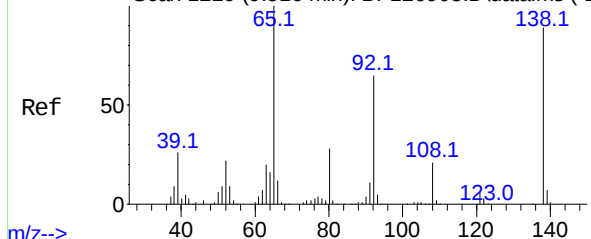
162 100

127 45.2 33.5 50.3

164 33.0 26.2 39.4



Abundance Scan 1229 (9.516 min): BF126908.D\data.ms (-12248)



2-Nitroaniline

Concen: 9.534 ng

RT: 9.510 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

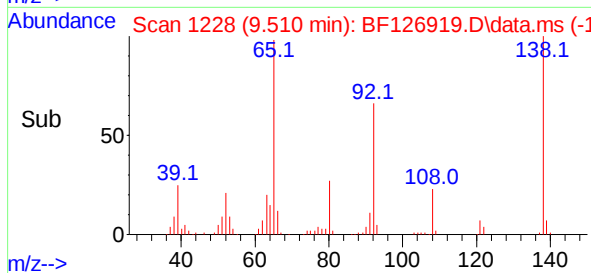
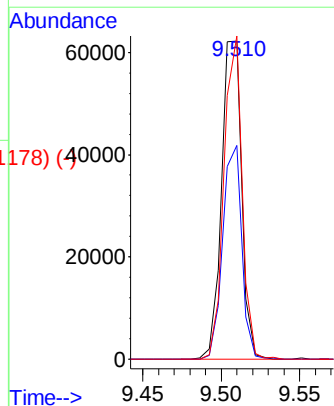
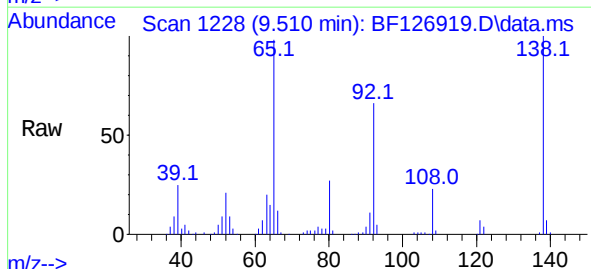
Tgt Ion: 65 Resp: 55394

Ion Ratio Lower Upper

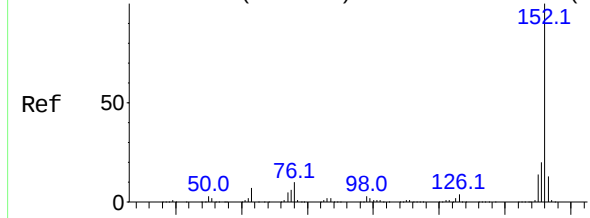
65 100

92 67.3 54.4 81.6

138 101.7 72.5 108.7



Abundance Scan 1284 (9.839 min): BF126908.D\data.ms (-12749)



Acenaphthylene

Concen: 10.711 ng

RT: 9.833 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

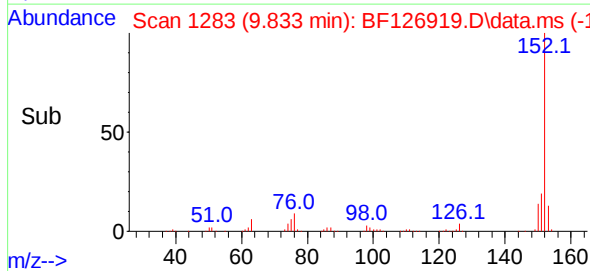
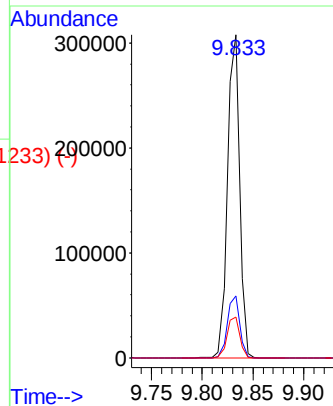
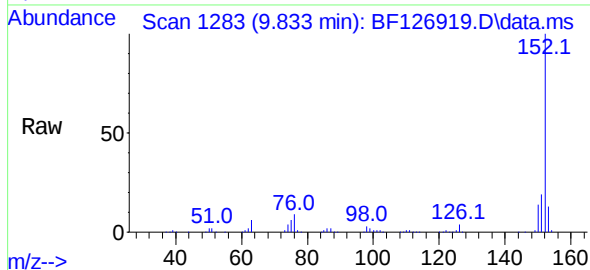
Tgt Ion:152 Resp: 256174

Ion Ratio Lower Upper

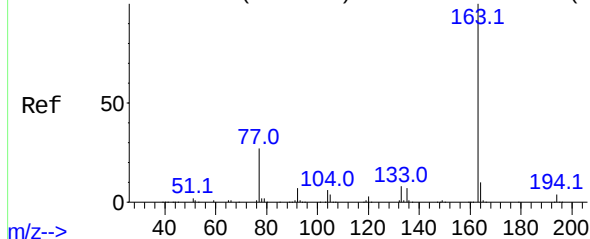
152 100

151 19.1 15.7 23.5

153 12.7 11.4 17.0



Abundance Scan 1259 (9.692 min): BF126908.D\data.ms (-12550)



Dimethylphthalate

Concen: 9.760 ng

RT: 9.680 min Scan# 1257

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

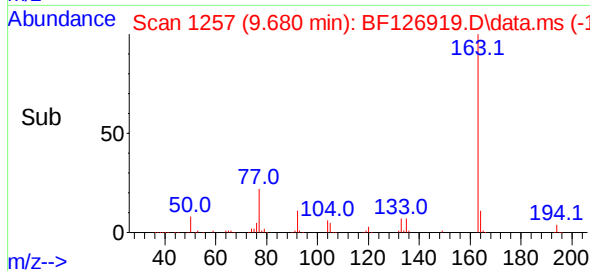
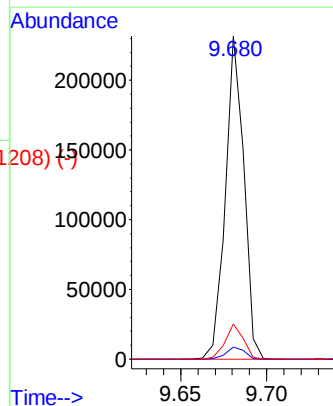
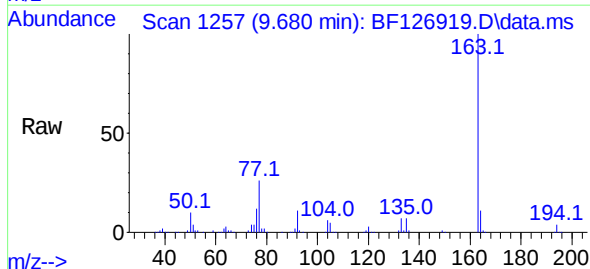
Tgt Ion:163 Resp: 174818

Ion Ratio Lower Upper

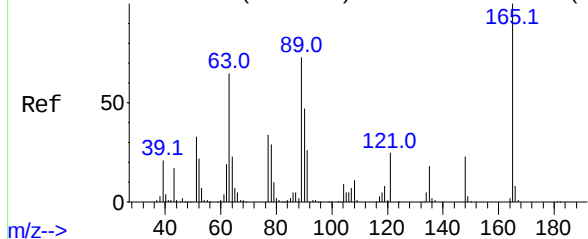
163 100

194 3.8 2.6 3.8

164 10.8 7.8 11.8



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)



2,6-Dinitrotoluene

Concen: 10.318 ng

RT: 9.745 min Scan#

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

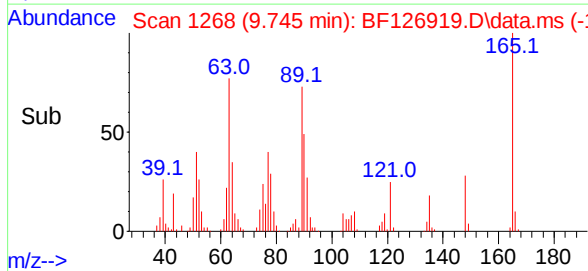
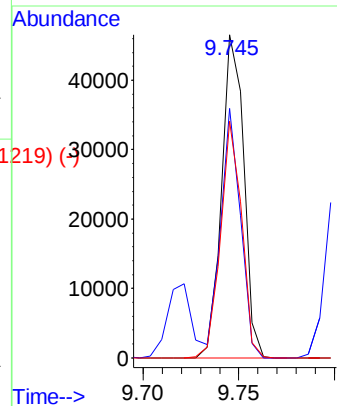
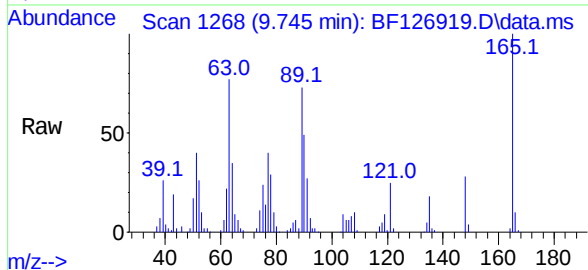
Tgt Ion:165 Resp: 37603

Ion Ratio Lower Upper

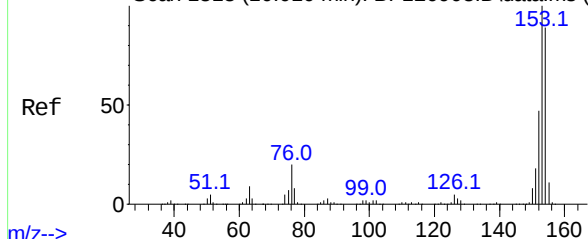
165 100

63 77.2 48.4 72.6#

89 73.4 50.5 75.7



Abundance Scan 1313 (10.010 min): BF126908.D\data.ms (-1354)



Acenaphthene

Concen: 9.978 ng

RT: 10.004 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

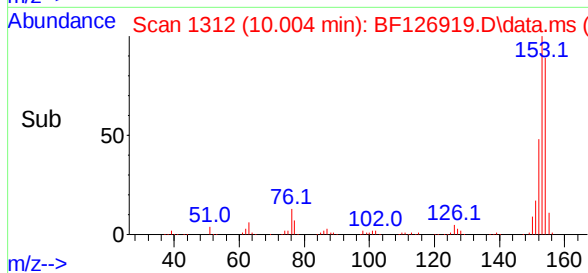
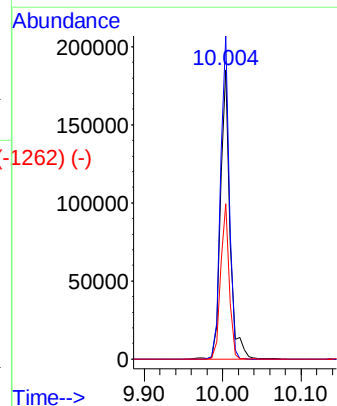
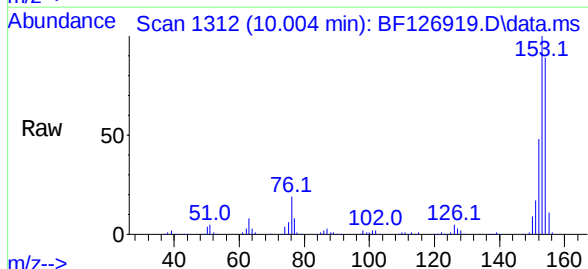
Tgt Ion:154 Resp: 155189

Ion Ratio Lower Upper

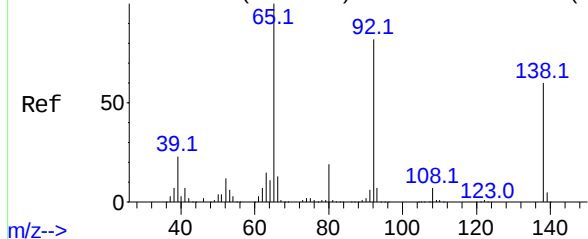
154 100

153 111.8 87.8 131.6

152 53.7 39.4 59.2



Abundance Scan 1299 (9.927 min): BF126908.D\data.ms (-1295)



3-Nitroaniline

Concen: 9.616 ng

RT: 9.916 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

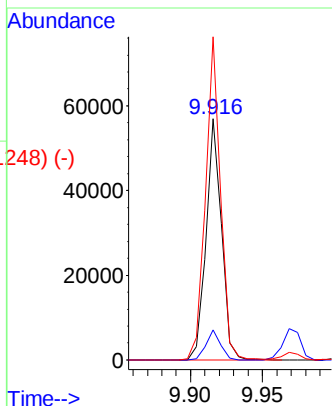
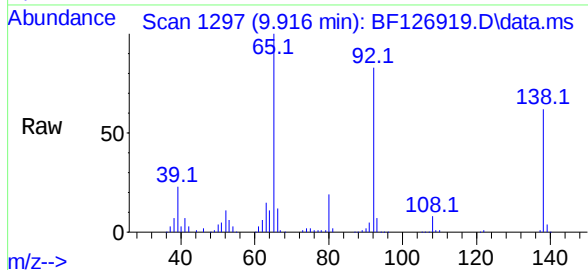
Tgt Ion:138 Resp: 42837

Ion Ratio Lower Upper

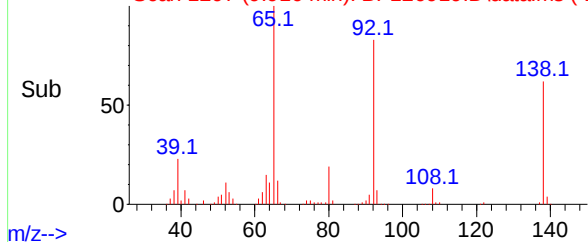
138 100

108 12.4 8.6 13.0

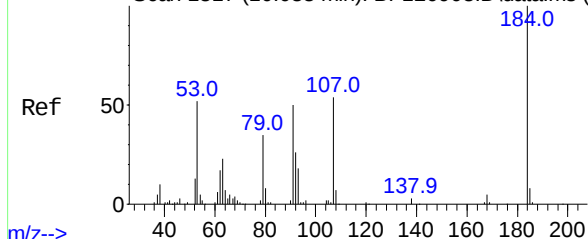
92 133.8 105.0 157.6



Abundance Scan 1297 (9.916 min): BF126919.D\data.ms (-1248) (-)



Abundance Scan 1317 (10.033 min): BF126908.D\data.ms (-1354) (-)



2,4-Dinitrophenol

Concen: 7.248 ng

RT: 10.022 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

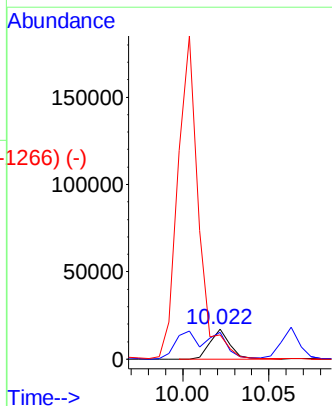
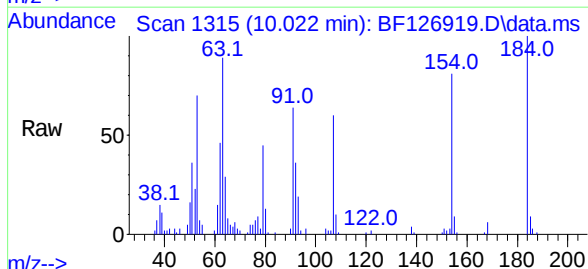
Tgt Ion:184 Resp: 13980

Ion Ratio Lower Upper

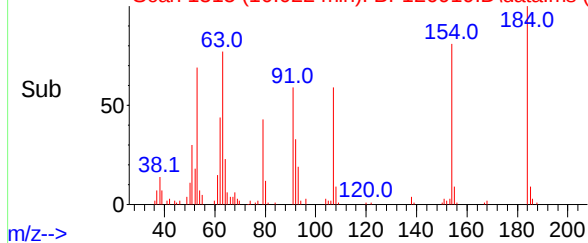
184 100

63 88.7 70.4 105.6

154 81.0 49.7 74.5#



Abundance Scan 1315 (10.022 min): BF126919.D\data.ms (-1266) (-)



Abundance Scan 1342 (10.180 min): BF126908.D\data.ms (-1355) (-)

Dibenzofuran

Concen: 9.944 ng

RT: 10.174 min Scan# 1342

Delta R.T. -0.006 min

Lab File: BF126919.D

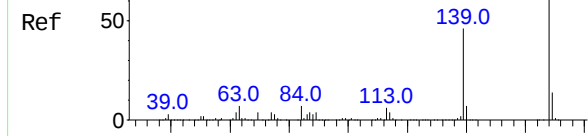
Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021



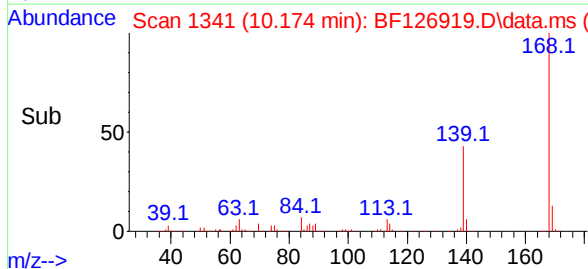
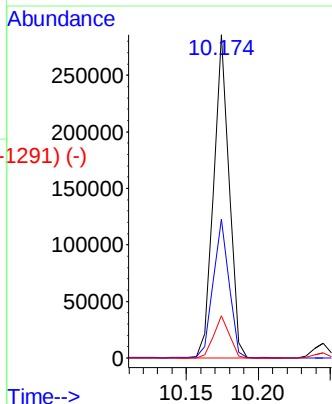
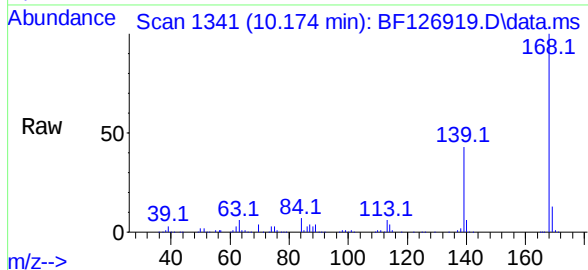
Tgt Ion:168 Resp: 212670

Ion Ratio Lower Upper

168 100

139 42.9 30.6 46.0

169 13.0 10.0 15.0



Abundance Scan 1324 (10.074 min): BF126908.D\data.ms (-1355) (-)

4-Nitrophenol

Concen: 11.935 ng

RT: 10.063 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

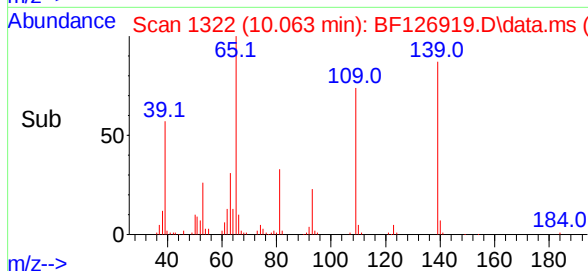
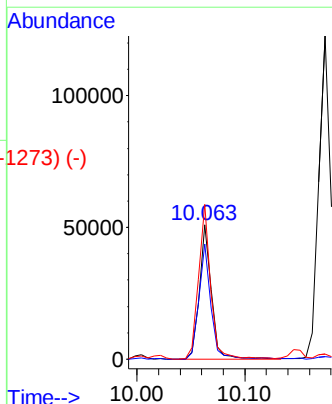
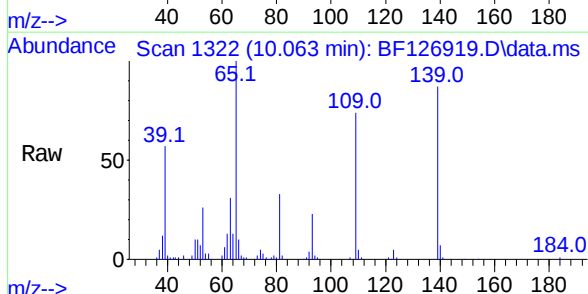
Tgt Ion:139 Resp: 39268

Ion Ratio Lower Upper

139 100

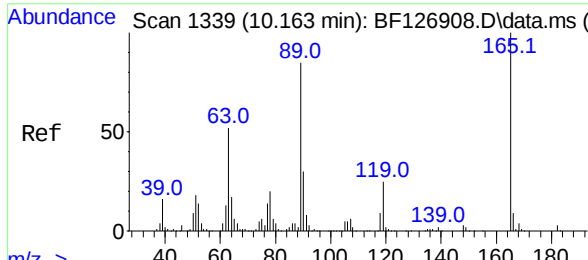
109 85.8 44.1 84.1#

65 115.3 85.5 125.5



Abundance Scan 1322 (10.063 min): BF126919.D\data.ms (-1273) (-)

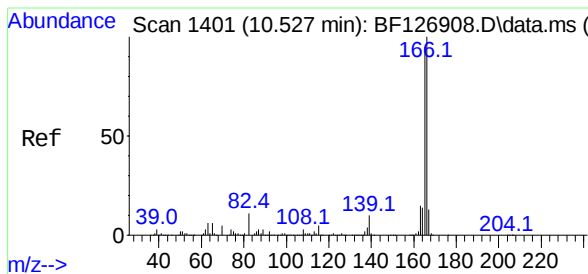
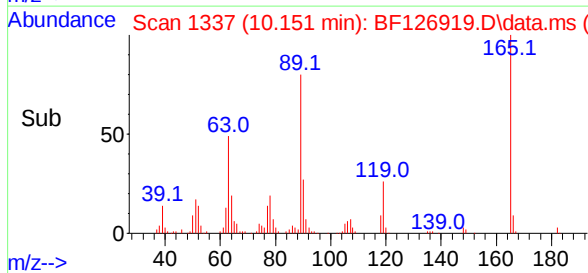
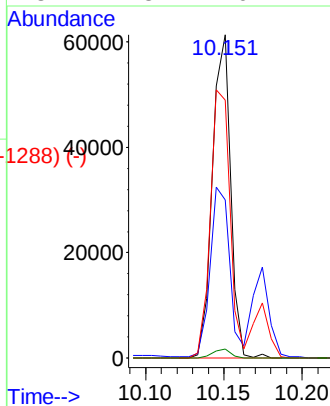
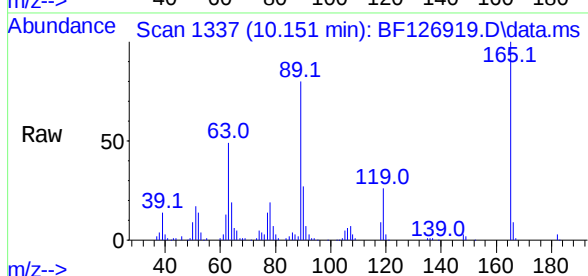
m/z-->



2,4-Dinitrotoluene
 Concen: 9.992 ng
 RT: 10.151 min Scan# 1337
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

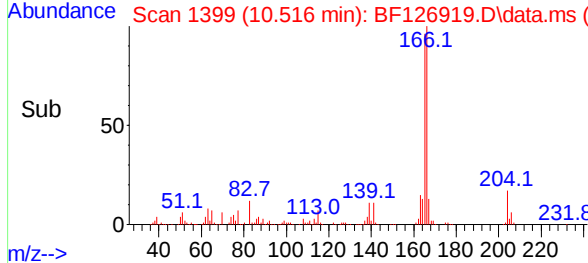
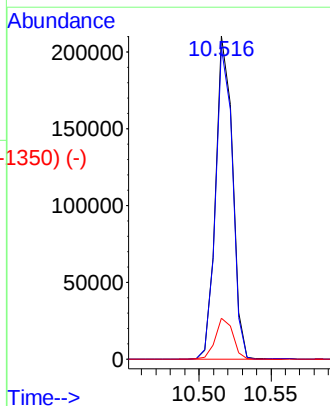
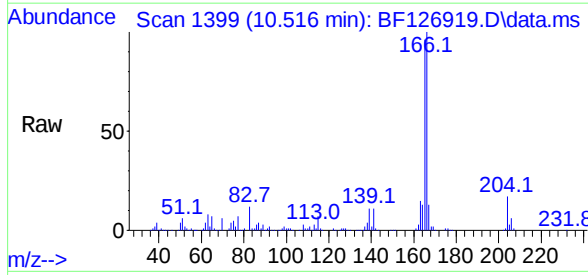
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Tgt Ion:	165	Resp:	49236
Ion	Ratio	Lower	Upper
165	100		
63	48.8	43.0	64.6
89	79.8	71.0	106.4
182	2.8	1.6	2.4#



Fluorene
 Concen: 10.196 ng
 RT: 10.516 min Scan# 1399
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	166	Resp:	169856
Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.7	116.5
167	12.7	10.7	16.1



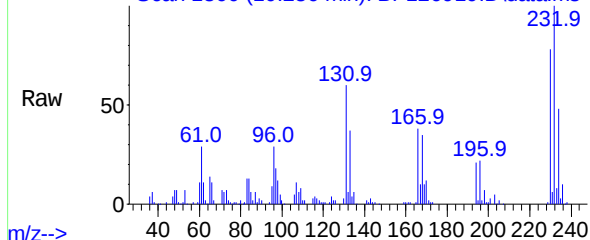
Abundance Scan 1361 (10.292 min): BF126908.D\data.ms (-1359) (-)

2,3,4,6-Tetrachlorophenol
Concen: 8.934 ng
RT: 10.286 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

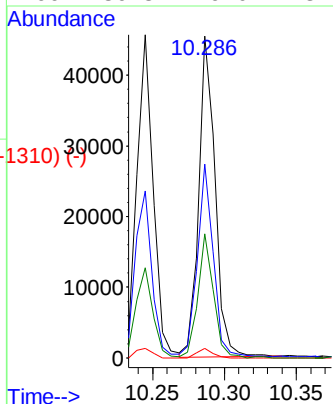
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

m/z-->

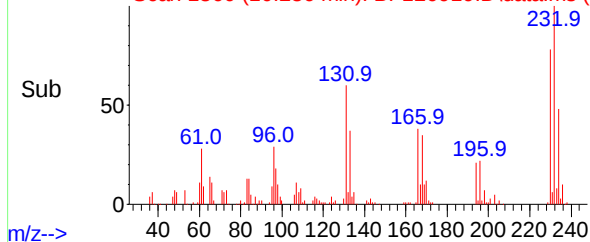
Abundance Scan 1360 (10.286 min): BF126919.D\data.ms



Tgt Ion:	232	Resp:	36060
Ion	Ratio	Lower	Upper
232	100		
131	58.9	50.0	75.0
130	2.8	2.2	3.2
166	36.8	29.0	43.4



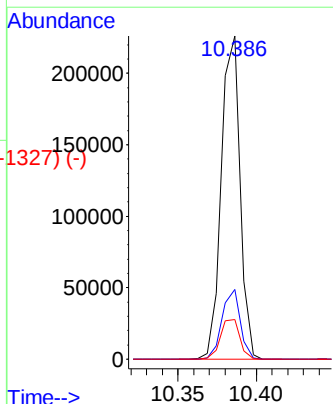
Abundance Scan 1360 (10.286 min): BF126919.D\data.ms (-1310) (-)



Abundance Scan 1378 (10.392 min): BF126908.D\data.ms (-1379) (-)

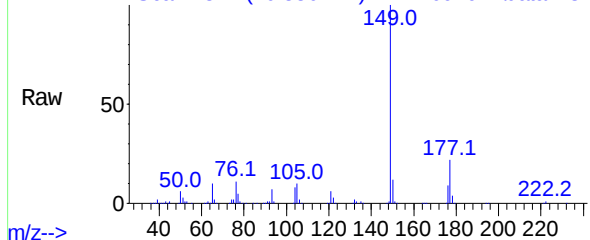
Diethylphthalate
Concen: 10.042 ng
RT: 10.386 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	149	Resp:	187957
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.3	9.8	14.8

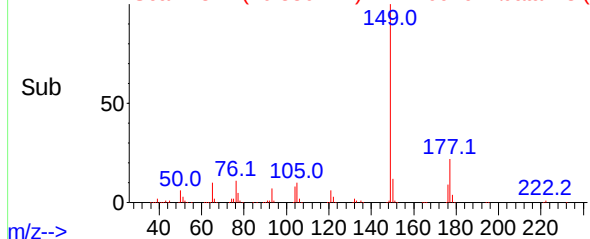


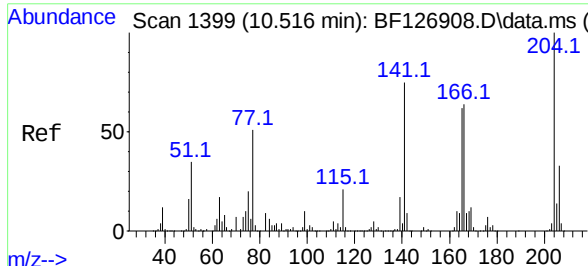
m/z-->

Abundance Scan 1377 (10.386 min): BF126919.D\data.ms



Abundance Scan 1377 (10.386 min): BF126919.D\data.ms (-1327) (-)

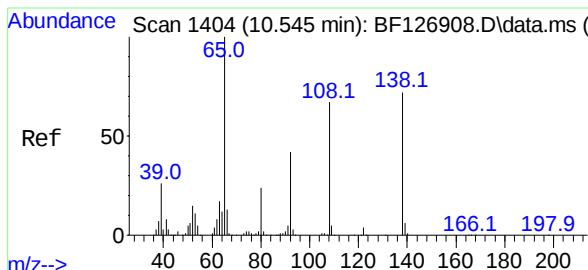
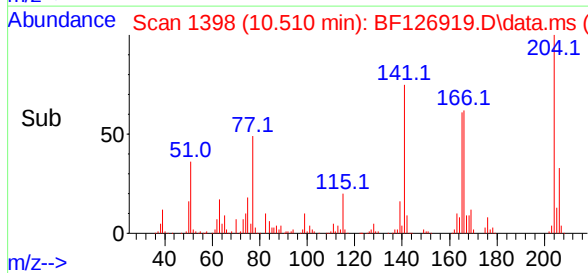
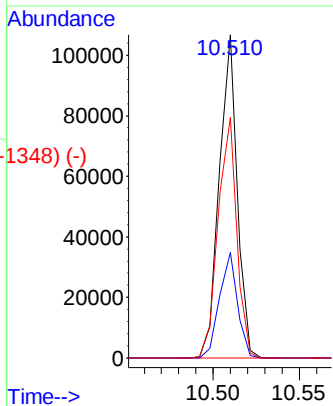
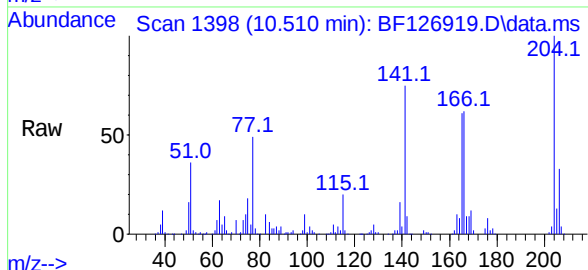




4-Chlorophenyl-phenylether
 Concen: 9.957 ng
 RT: 10.510 min Scan# 1399
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

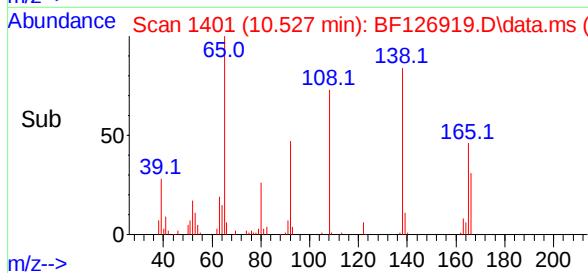
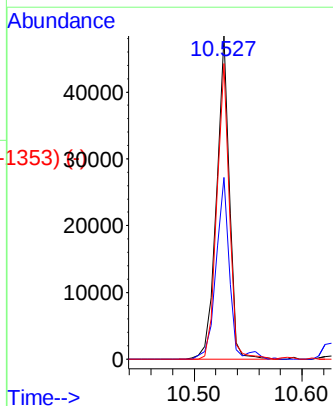
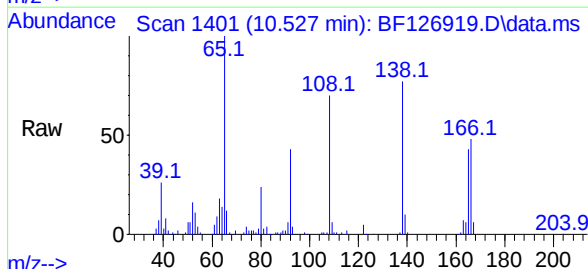
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

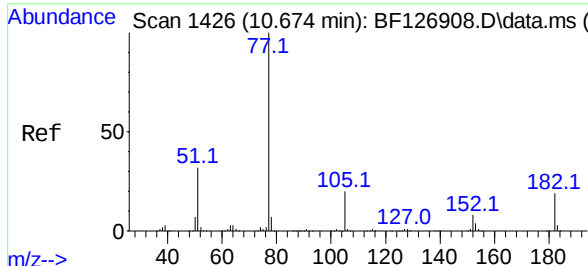
Tgt Ion:	204	Resp:	78221
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	74.5	59.0	88.6



4-Nitroaniline
 Concen: 9.109 ng
 RT: 10.527 min Scan# 1401
 Delta R.T. -0.018 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	138	Resp:	40071
Ion	Ratio	Lower	Upper
138	100		
92	56.2	36.2	76.2
108	91.4	46.7	86.7#

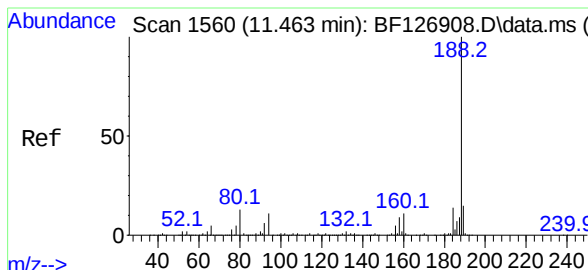
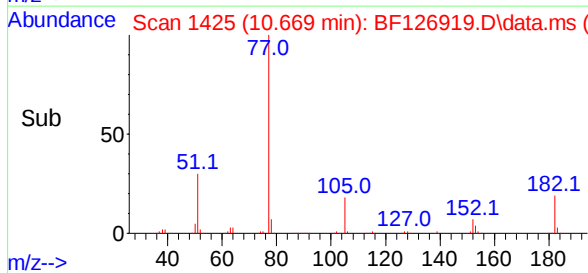
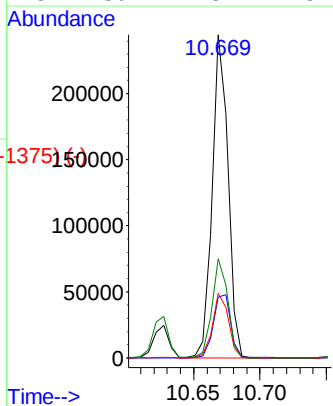
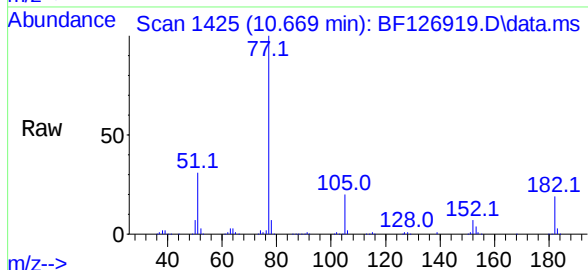




Azobenzene
Concen: 9.737 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

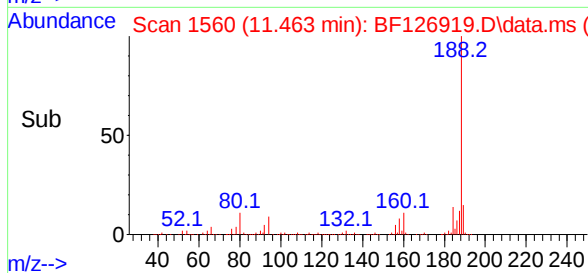
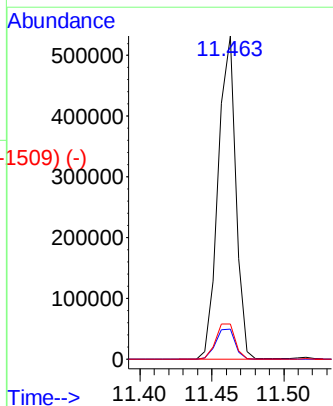
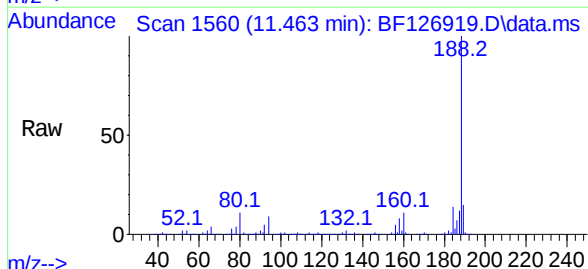
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

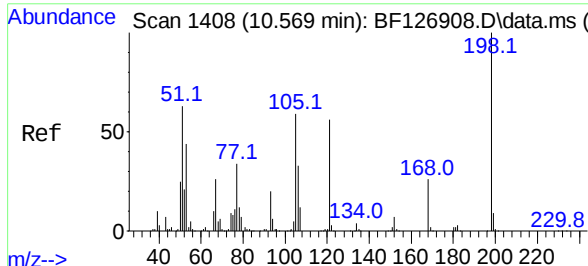
Tgt Ion:	77	Resp:	202940
Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.0	39.0
105	20.1	3.2	43.2
51	30.7	8.2	48.2



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	188	Resp:	450268
Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.1	15.1#
80	10.8	11.8	17.6#

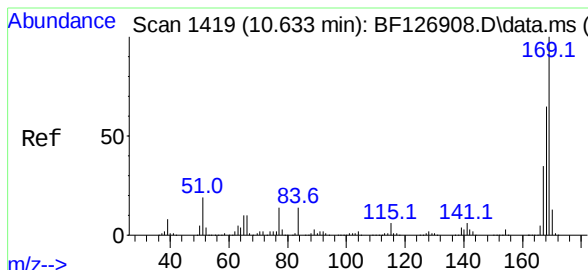
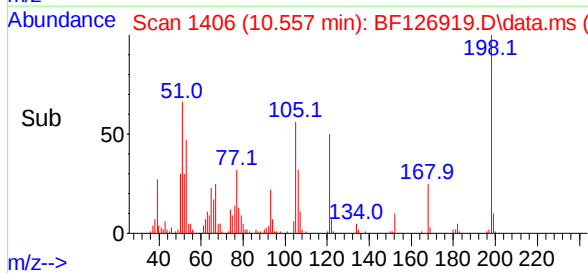
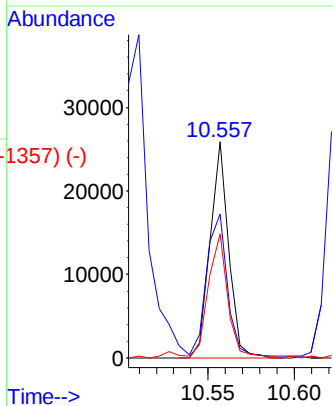
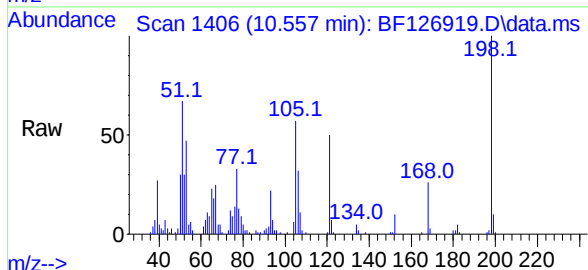




4,6-Dinitro-2-methylphenol
 Concen: 7.276 ng
 RT: 10.557 min Scan# 1405
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

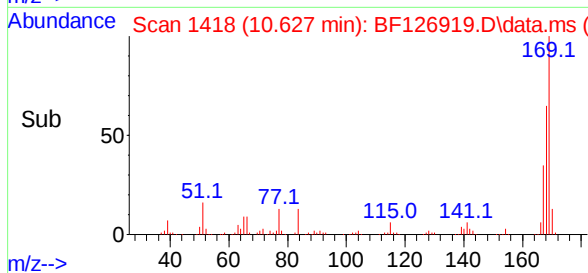
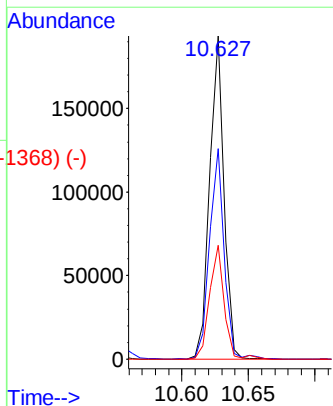
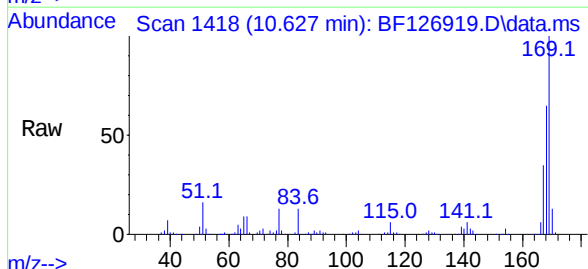
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

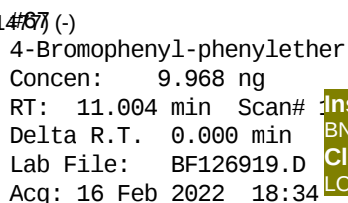
Tgt Ion:	198	Resp:	19249
Ion	Ratio	Lower	Upper
198	100		
51	66.6	32.0	72.0
105	57.2	32.7	72.7



n-Nitrosodiphenylamine
 Concen: 9.890 ng
 RT: 10.627 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	169	Resp:	146029
Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.4	80.0
167	35.3	29.4	44.0

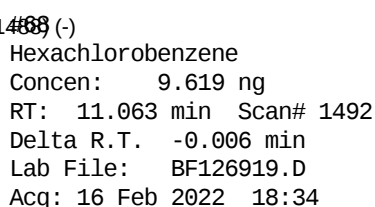
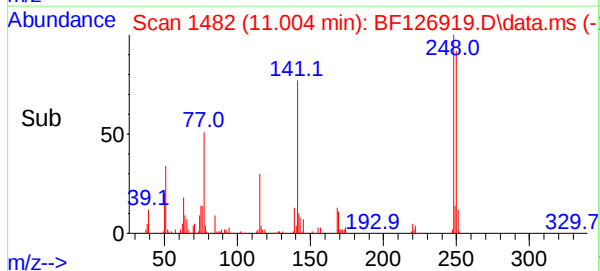
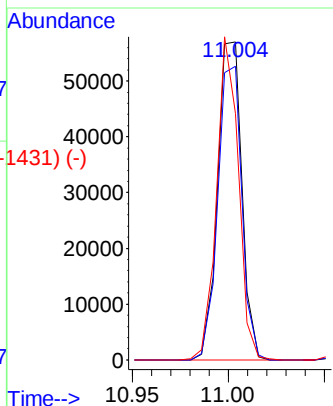




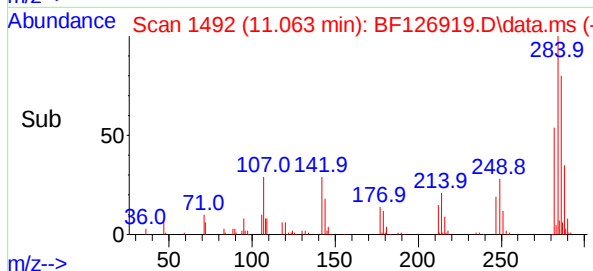
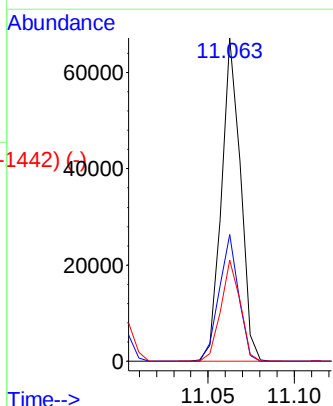
Instrument :
BNA_F

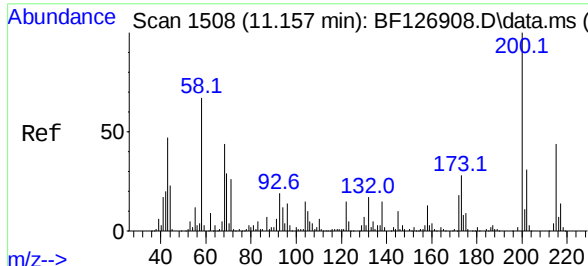
ClientSampleId :
LOO-WATER-02-OT4-2021

Tgt	Ion:248	Resp:	50146
Ion	Ratio	Lower	Upper
248	100		
250	92.4	76.2	114.4
141	77.5	66.2	99.4



Tgt	Ion:284	Resp:	52096
Ion	Ratio	Lower	Upper
284	100		
142	39.2	30.7	46.1
249	31.2	21.1	31.7

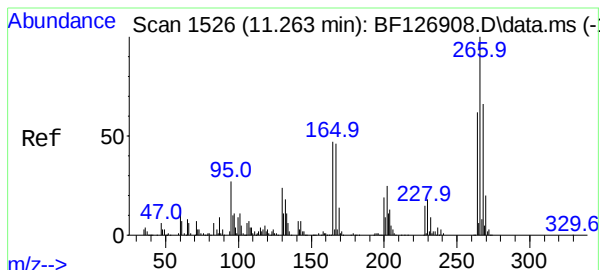
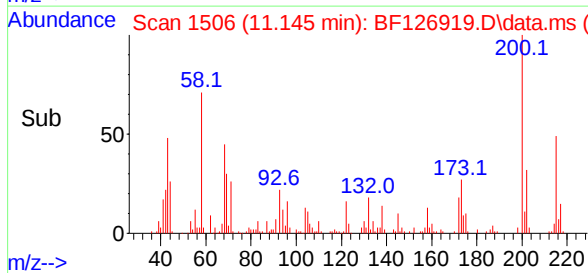
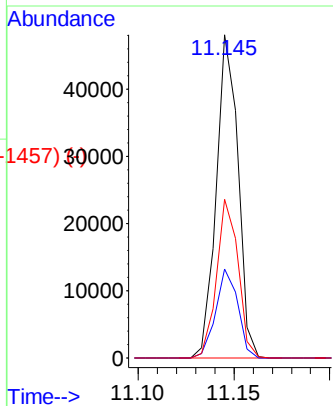
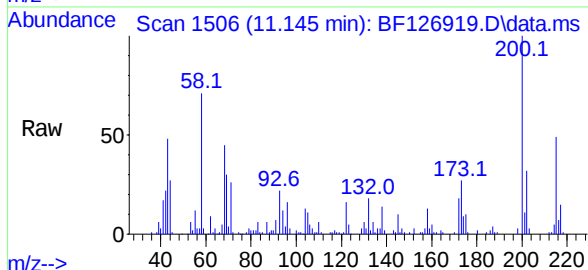




Scan 1508 (11.157 min): BF126908.D\data.ms (-1508) (-)
 Atrazine
 Concen: 8.290 ng
 RT: 11.145 min Scan# 1508
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

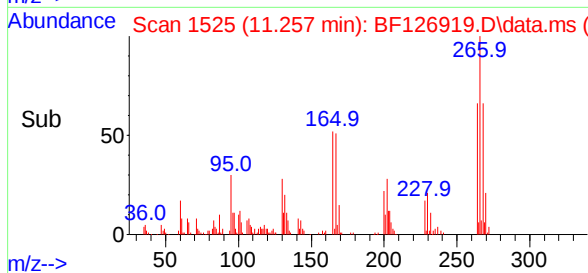
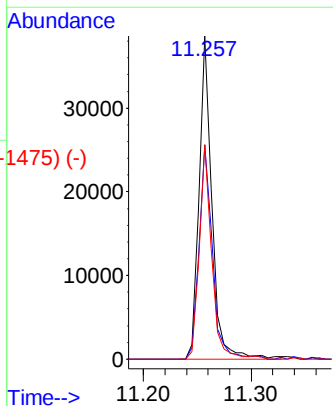
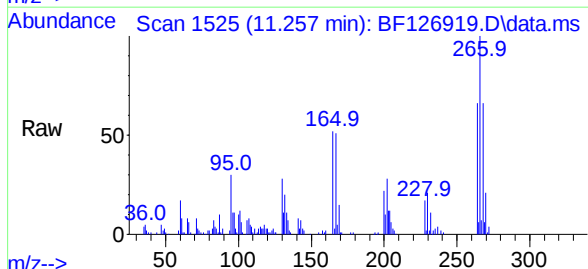
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2021

Tgt Ion:	200	Resp:	37961
Ion	Ratio	Lower	Upper
200	100		
173	27.5	9.2	49.2
215	49.1	23.2	63.2

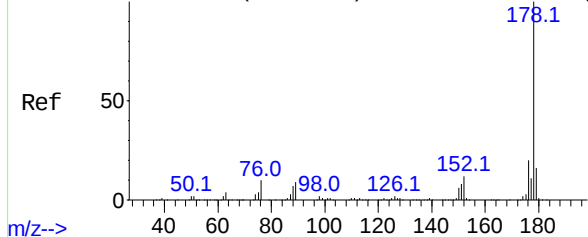


Scan 1526 (11.263 min): BF126908.D\data.ms (-1526) (-)
 Pentachlorophenol
 Concen: 10.724 ng
 RT: 11.257 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	266	Resp:	31705
Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.3	78.5
264	66.3	50.4	75.6



Abundance Scan 1565 (11.492 min): BF126908.D\data.ms (-1565)



Phenanthrene

Concen: 10.153 ng

RT: 11.486 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

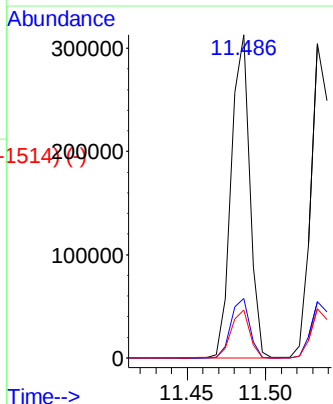
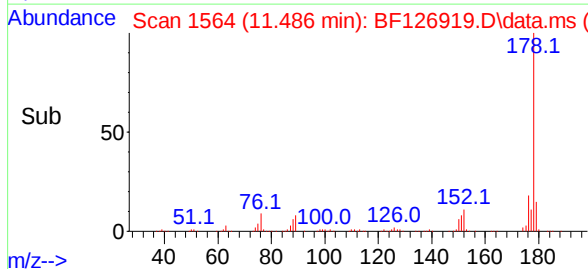
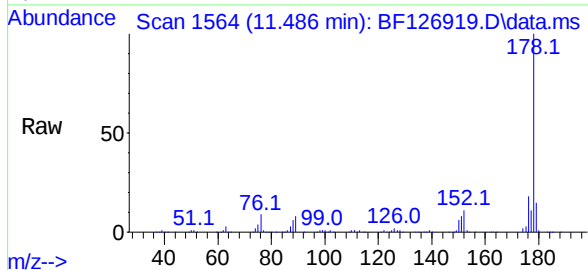
Tgt Ion:178 Resp: 255873

Ion Ratio Lower Upper

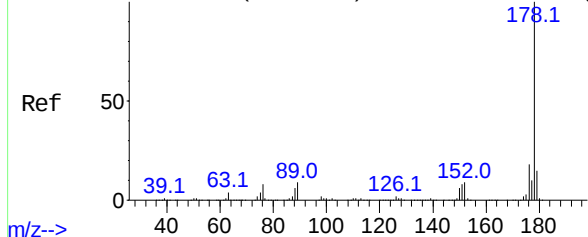
178 100

176 18.3 15.7 23.5

179 14.8 12.3 18.5



Abundance Scan 1574 (11.545 min): BF126908.D\data.ms (-1574)



Anthracene

Concen: 10.143 ng

RT: 11.533 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

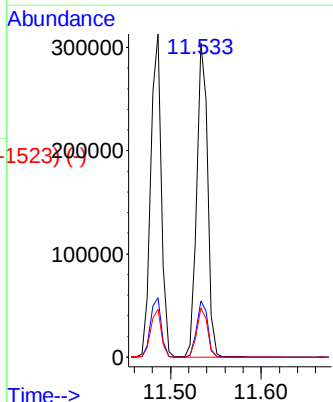
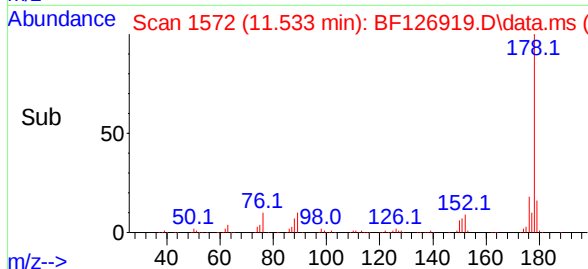
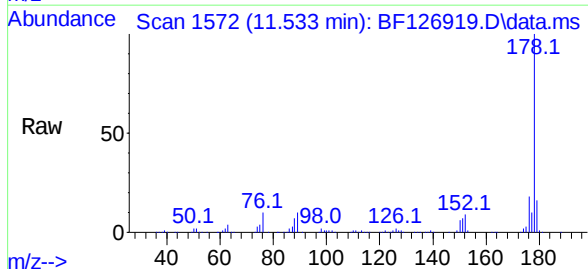
Tgt Ion:178 Resp: 254492

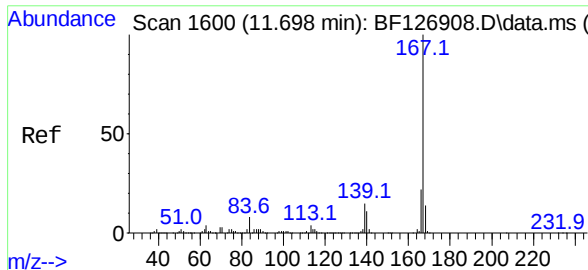
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.6

179 15.7 12.5 18.7

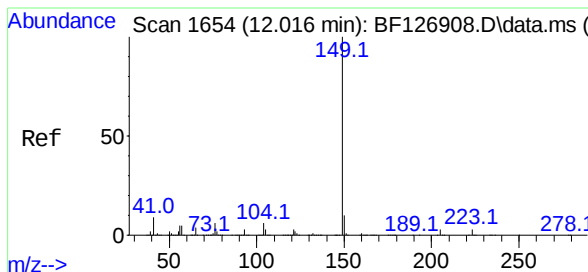
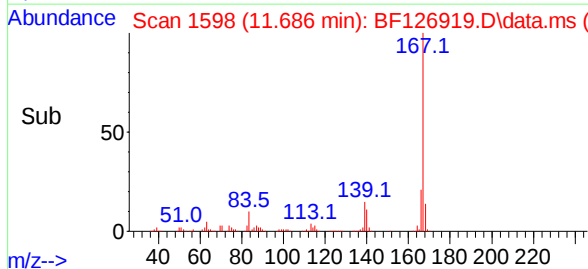
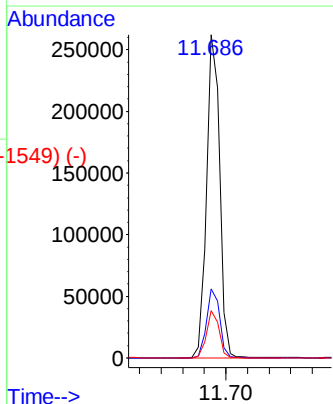
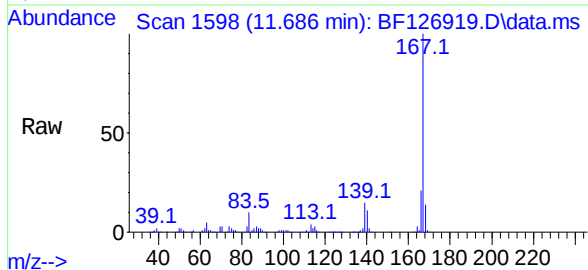




Carbazole
Concen: 9.555 ng
RT: 11.686 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

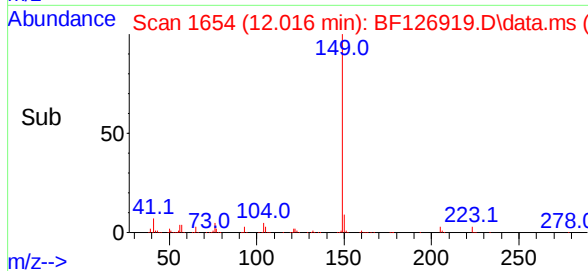
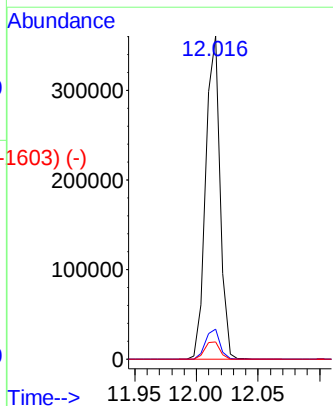
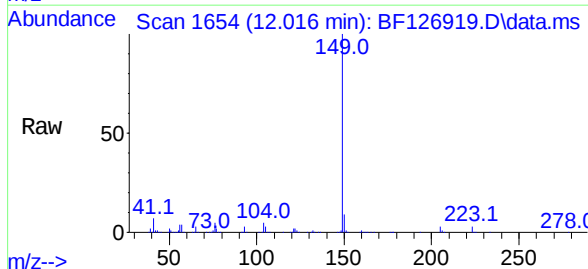
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	167	Resp:	219833
Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	14.7	11.3	16.9

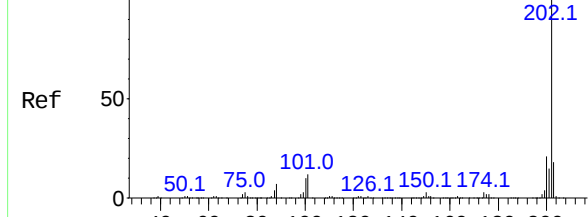


Di-n-butylphthalate
Concen: 9.867 ng
RT: 12.016 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	149	Resp:	291850
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.4	4.2	6.2



Abundance Scan 1767 (12.680 min): BF126908.D\data.ms (-1767) (-)



Fluoranthene

Concen: 10.095 ng

RT: 12.674 min Scan# 1767

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

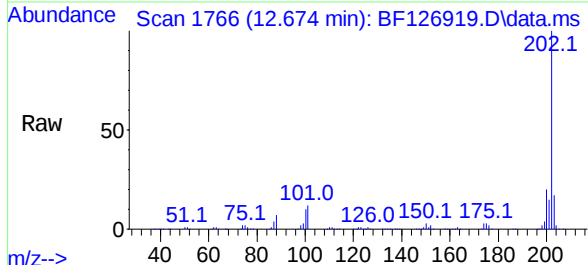
Instrument :

BNA_F

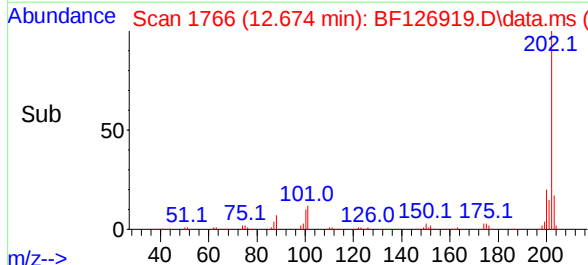
ClientSampleId :

LOQ-WATER-02-QT4-2021

m/z-->



m/z-->



m/z-->

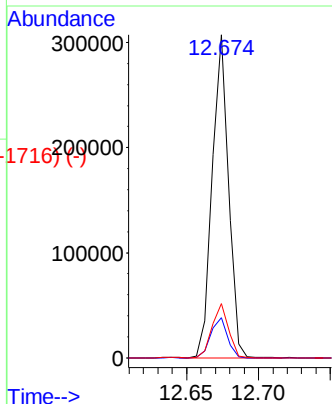
Tgt Ion:202 Resp: 241569

Ion Ratio Lower Upper

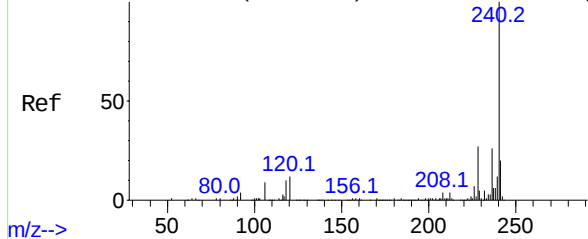
202 100

101 12.4 0.0 35.7

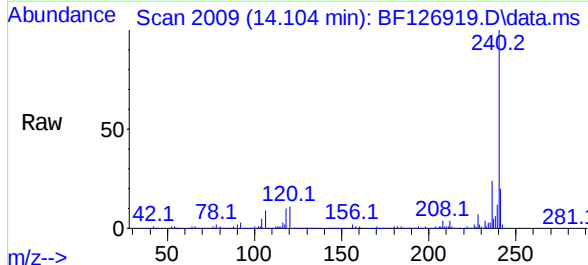
203 16.8 0.0 37.1



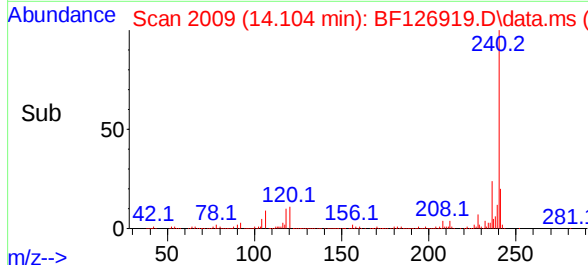
Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2010) (-)



m/z-->



m/z-->



m/z-->

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

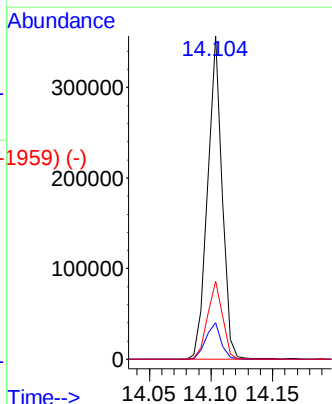
Tgt Ion:240 Resp: 292248

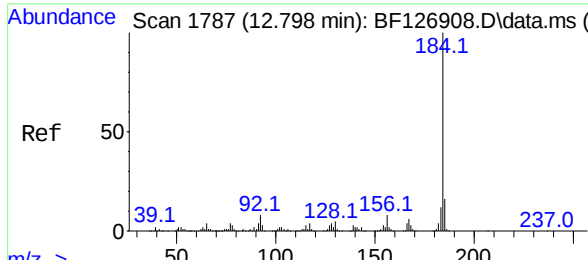
Ion Ratio Lower Upper

240 100

120 11.3 14.4 21.6#

236 24.1 20.5 30.7

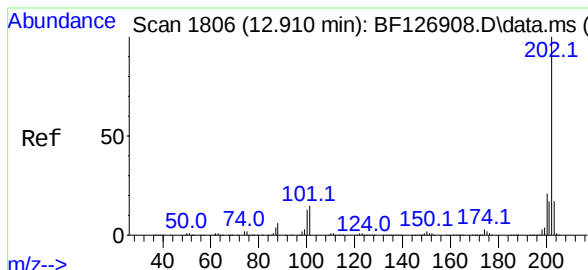
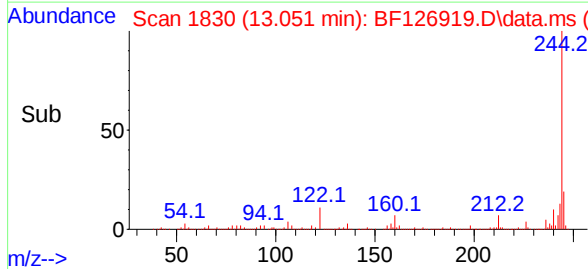
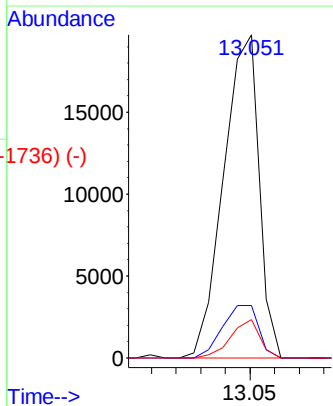
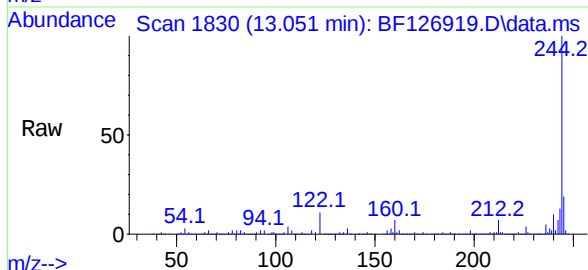




Benzidine
 Concen: 2.492 ng
 RT: 13.051 min Scan# 1787
 Delta R.T. 0.253 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

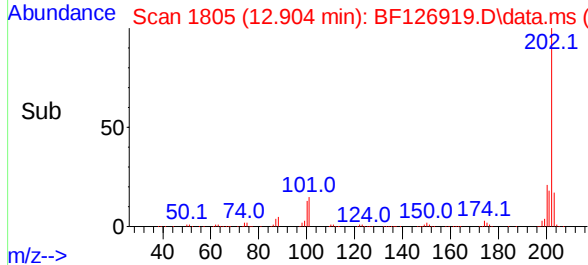
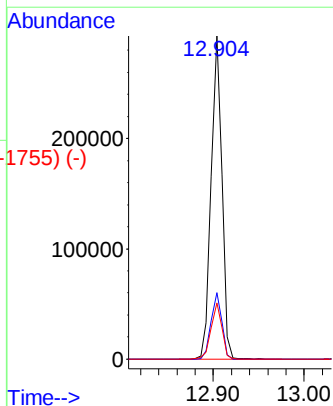
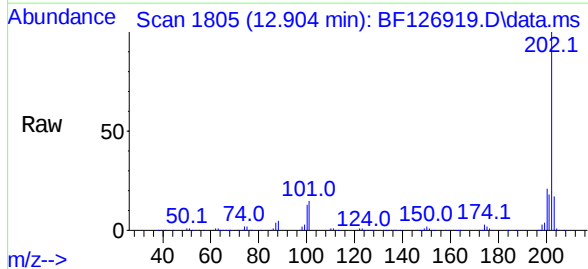
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2021

Tgt Ion:	184	Resp:	19792
Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.8
183	11.9	8.2	12.2

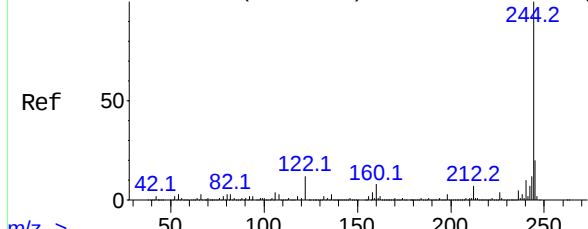


Pyrene
 Concen: 9.533 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	202	Resp:	242033
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	13.8	20.8



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)



Terphenyl-d14

Concen: 67.491 ng

RT: 13.051 min Scan# 1879

Delta R.T. 0.000 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

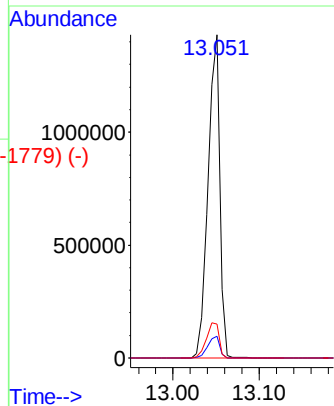
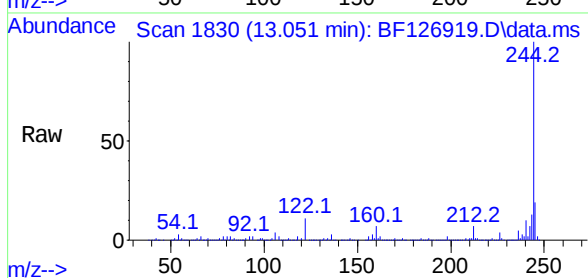
Tgt Ion:244 Resp: 1341732

Ion Ratio Lower Upper

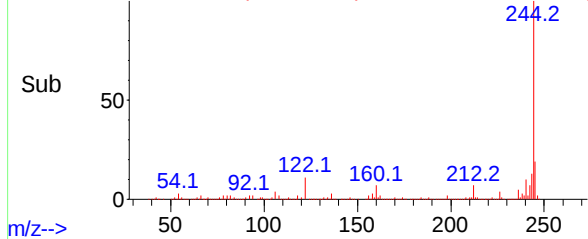
244 100

212 6.6 5.0 7.4

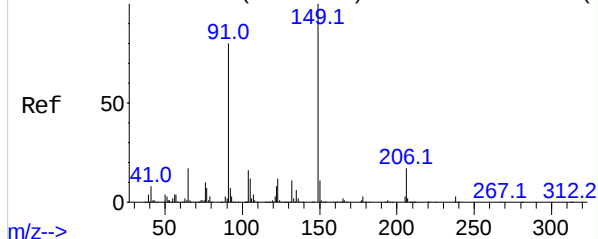
122 10.6 13.3 19.9#



Abundance Scan 1830 (13.051 min): BF126919.D\data.ms (-1779) (-)



Abundance Scan 1910 (13.521 min): BF126908.D\data.ms (-1909) (-)



Butylbenzylphthalate

Concen: 9.188 ng

RT: 13.515 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

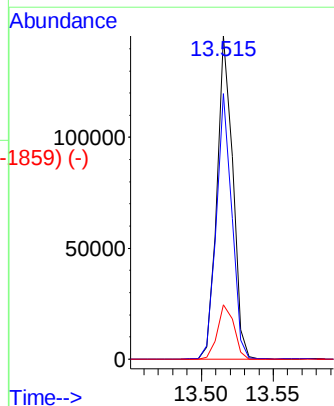
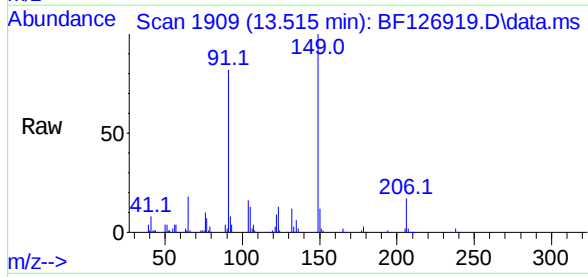
Tgt Ion:149 Resp: 110435

Ion Ratio Lower Upper

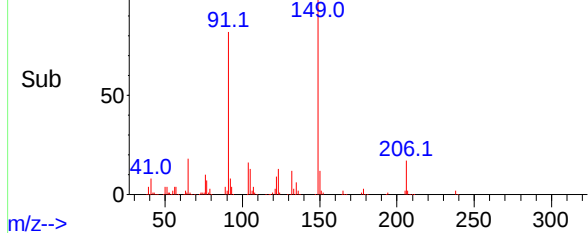
149 100

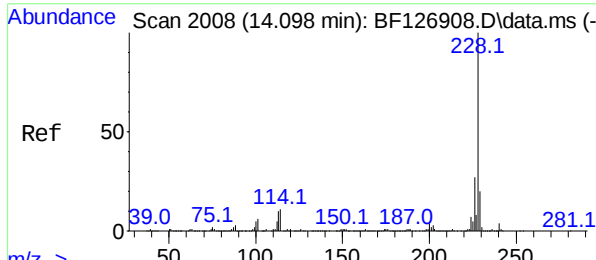
91 82.2 70.5 105.7

206 16.8 12.6 19.0



Abundance Scan 1909 (13.515 min): BF126919.D\data.ms (-1859) (-)

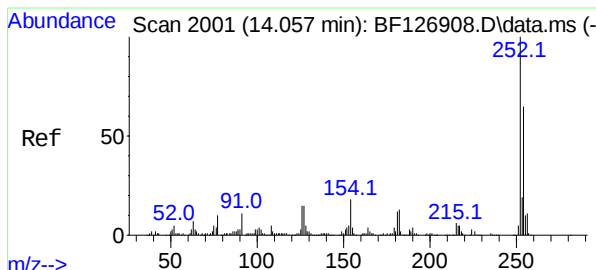
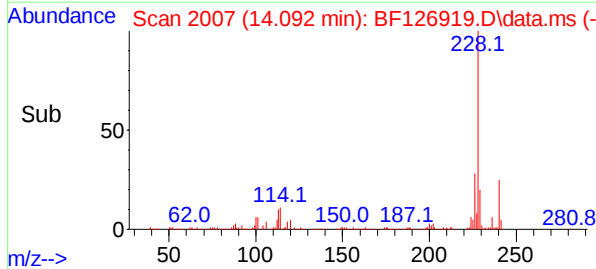
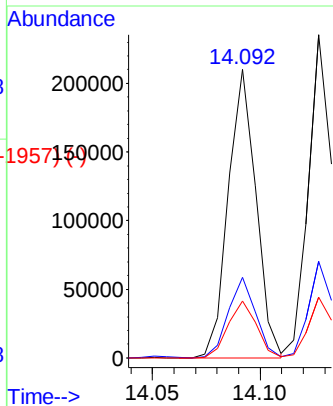
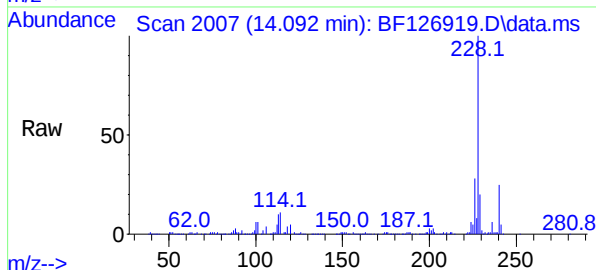




Scan 2008 (14.098 min): BF126908.D\data.ms (-19571)
 Benzo(a)anthracene
 Concen: 9.535 ng
 RT: 14.092 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

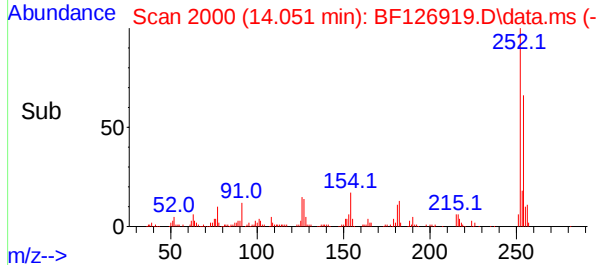
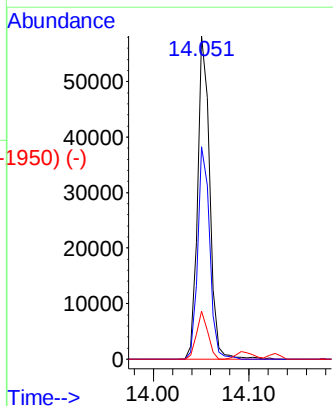
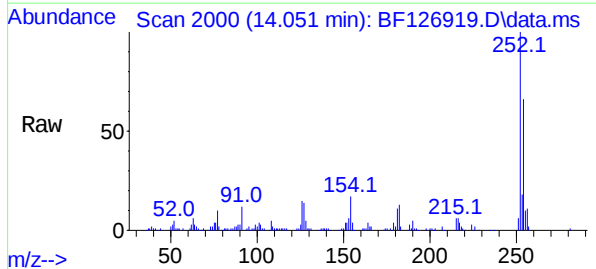
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2021

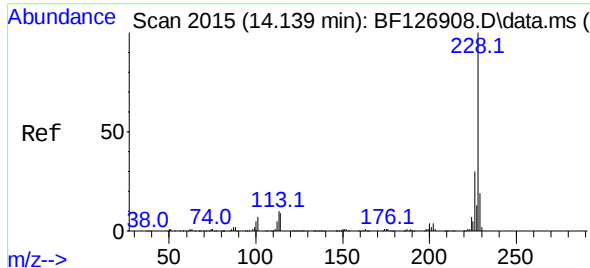
Tgt Ion:	228	Resp:	187865
Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.0
229	19.8	15.4	23.2



Scan 2001 (14.057 min): BF126908.D\data.ms (-19571)
 3,3'-Dichlorobenzidine
 Concen: 8.324 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	252	Resp:	51683
Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.0	76.4
126	14.8	13.4	20.0

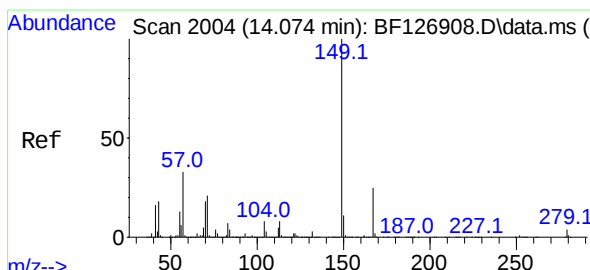
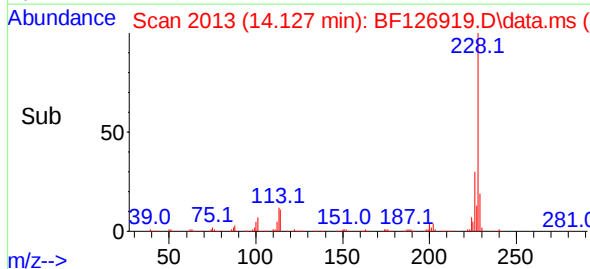
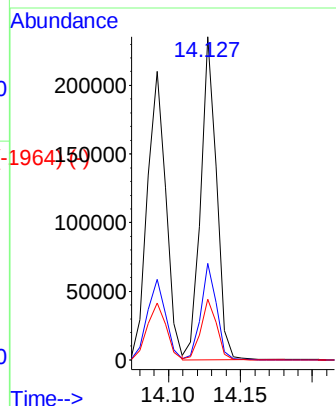
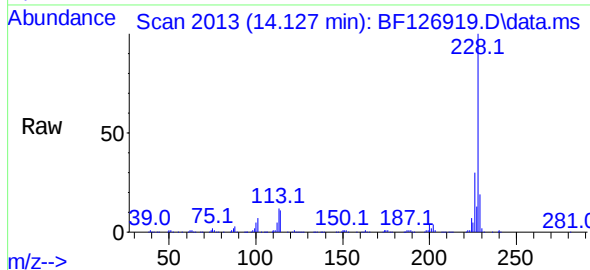




Chrysene
Concen: 9.742 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

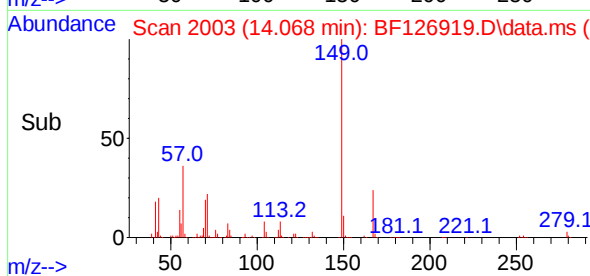
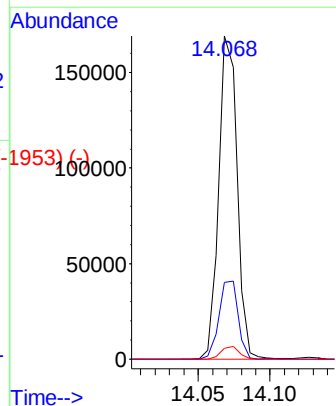
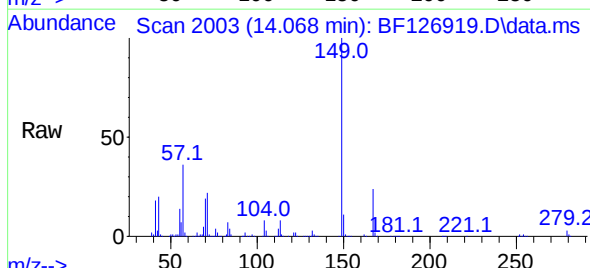
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

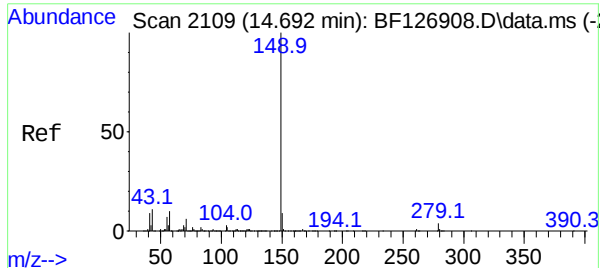
Tgt Ion:	228	Resp:	180490
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	18.8	15.5	23.3



Bis(2-ethylhexyl)phthalate
Concen: 9.459 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	149	Resp:	149271
Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.4	32.2
279	3.3	2.4	3.6

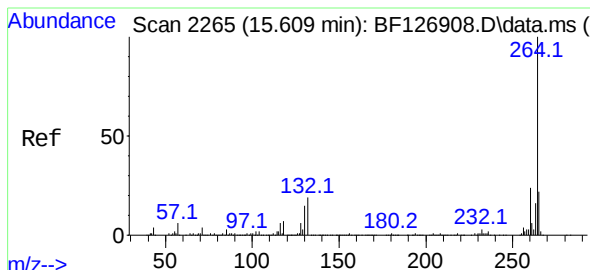
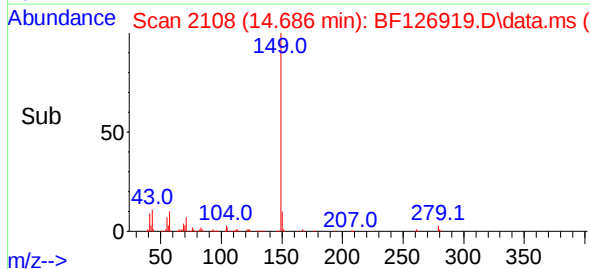
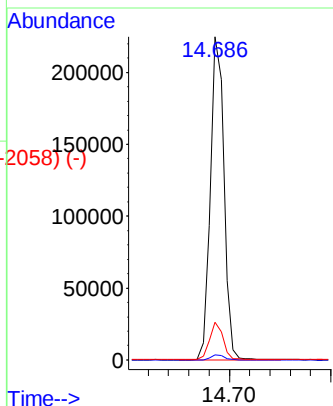
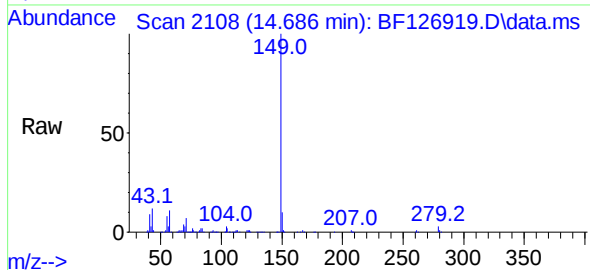




Di-n-octyl phthalate
Concen: 9.206 ng
RT: 14.686 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

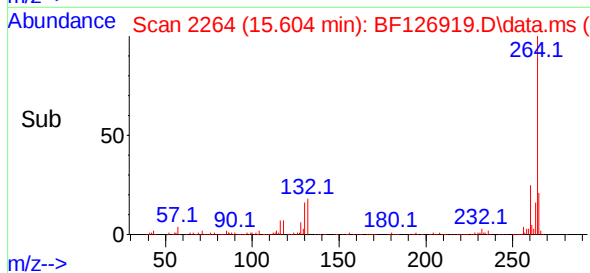
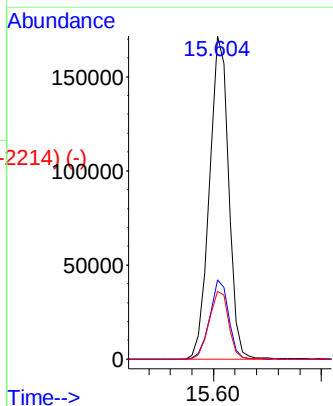
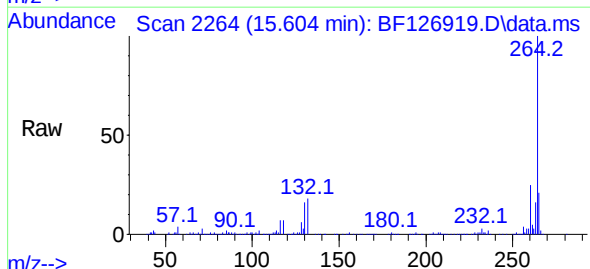
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:	149	Resp:	209184
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.4	9.9	14.9

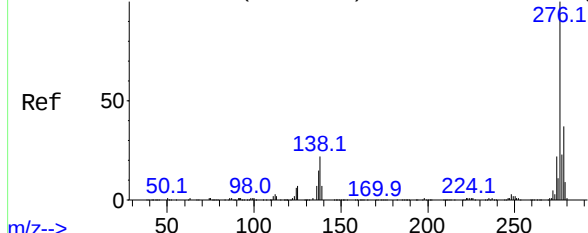


Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF126919.D
Acq: 16 Feb 2022 18:34

Tgt Ion:	264	Resp:	211521
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.4	26.2



Abundance Scan 2527 (17.150 min): BF126908.D\data.ms (-2515) (-)



Indeno(1,2,3-cd)pyrene

Concen: 8.739 ng

RT: 17.133 min Scan# 2187

Delta R.T. -0.018 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

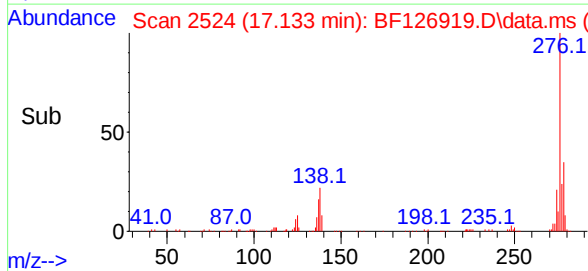
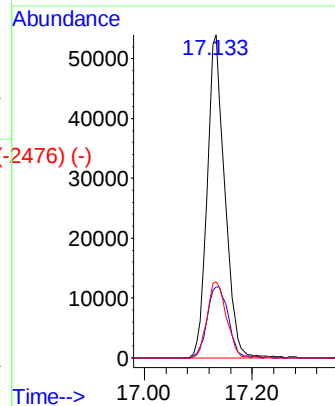
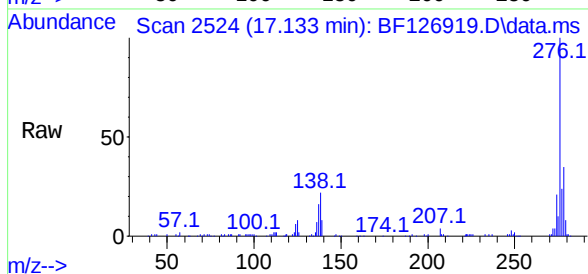
Tgt Ion:276 Resp: 121207

Ion Ratio Lower Upper

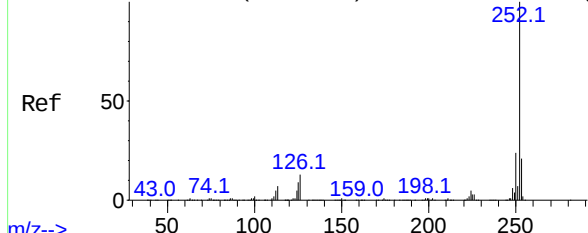
276 100

138 26.6 29.2 43.8#

277 25.8 19.8 29.8



Abundance Scan 2190 (15.168 min): BF126908.D\data.ms (-2188) (-)



Benzo(b)fluoranthene

Concen: 10.693 ng

RT: 15.156 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

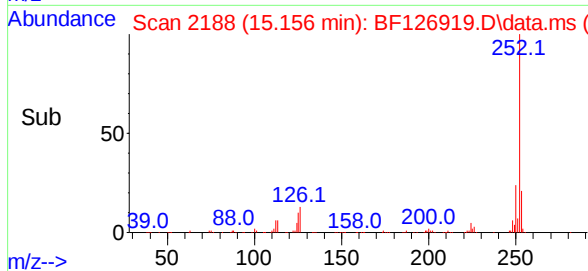
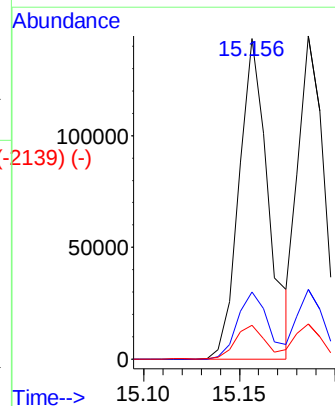
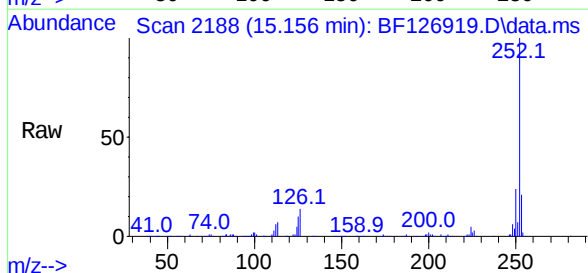
Tgt Ion:252 Resp: 151913

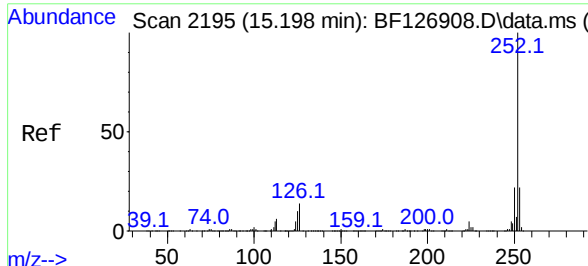
Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

125 10.5 12.4 18.6#

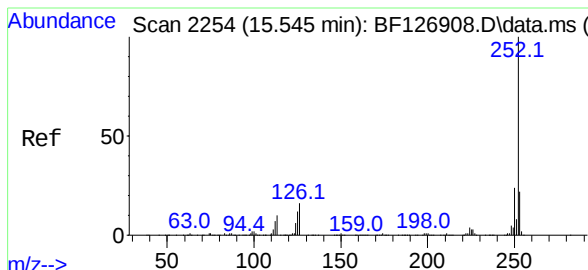
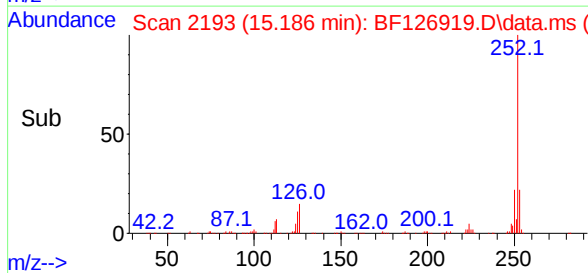
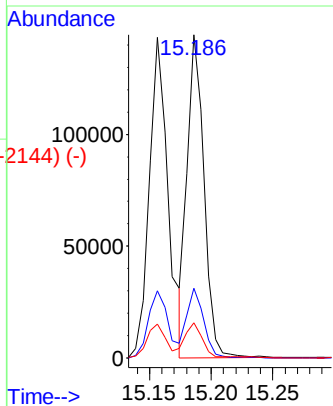
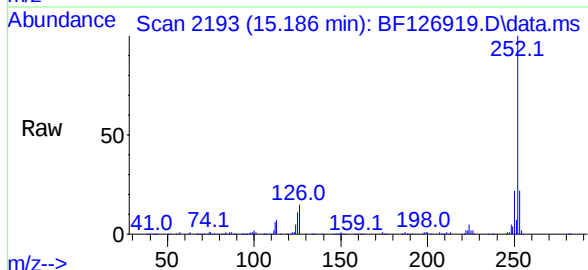




Benzo(k)fluoranthene
 Concen: 10.015 ng
 RT: 15.186 min Scan# 2193
 Delta R.T. -0.012 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

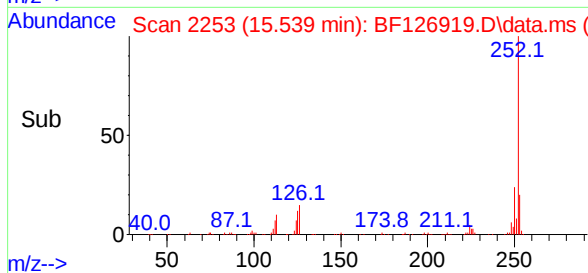
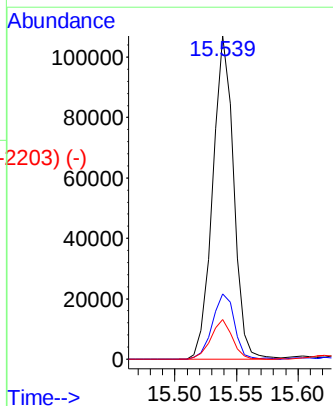
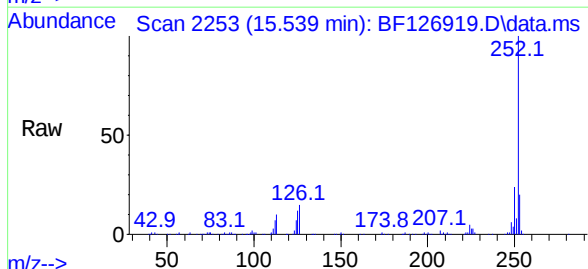
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Tgt Ion:	252	Resp:	137235
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.8	11.8	17.6#

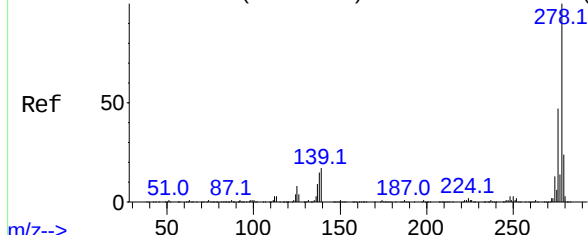


Benzo(a)pyrene
 Concen: 11.415 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.006 min
 Lab File: BF126919.D
 Acq: 16 Feb 2022 18:34

Tgt Ion:	252	Resp:	126667
Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	12.2	13.0	19.6#



Abundance Scan 2530 (17.168 min): BF126908.D\data.ms (-2530) (-)



Dibenzo(a,h)anthracene

Concen: 9.316 ng

RT: 17.150 min Scan# 2527

Delta R.T. -0.018 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2021

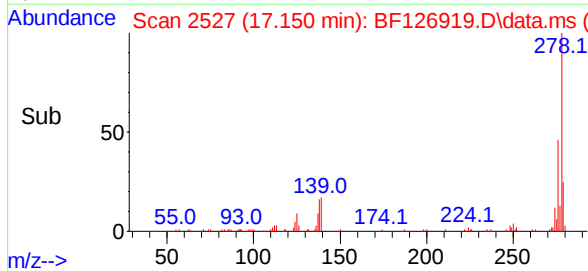
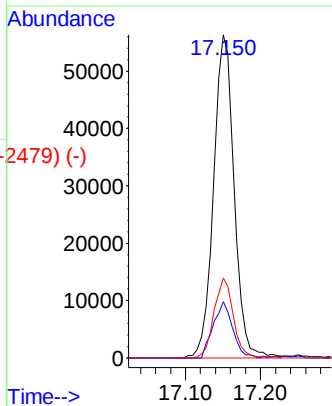
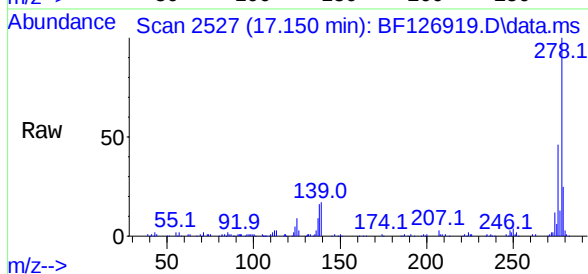
Tgt Ion:278 Resp: 106860

Ion Ratio Lower Upper

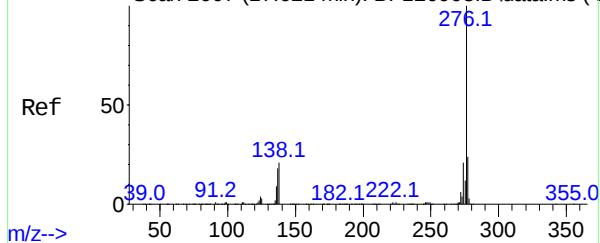
278 100

139 17.3 18.0 27.0#

279 24.7 18.6 27.8



Abundance Scan 2607 (17.621 min): BF126908.D\data.ms (-2592) (-)



Benzo(g,h,i)perylene

Concen: 9.095 ng

RT: 17.598 min Scan# 2603

Delta R.T. -0.024 min

Lab File: BF126919.D

Acq: 16 Feb 2022 18:34

Tgt Ion:276 Resp: 102848

Ion Ratio Lower Upper

276 100

277 26.2 18.5 27.7

138 22.6 25.9 38.9#

