

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131693.D
 Acq On : 19 Dec 2022 17:28
 Operator : CG\JU
 Sample : N6099-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-2

Quant Time: Dec 20 01:05:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

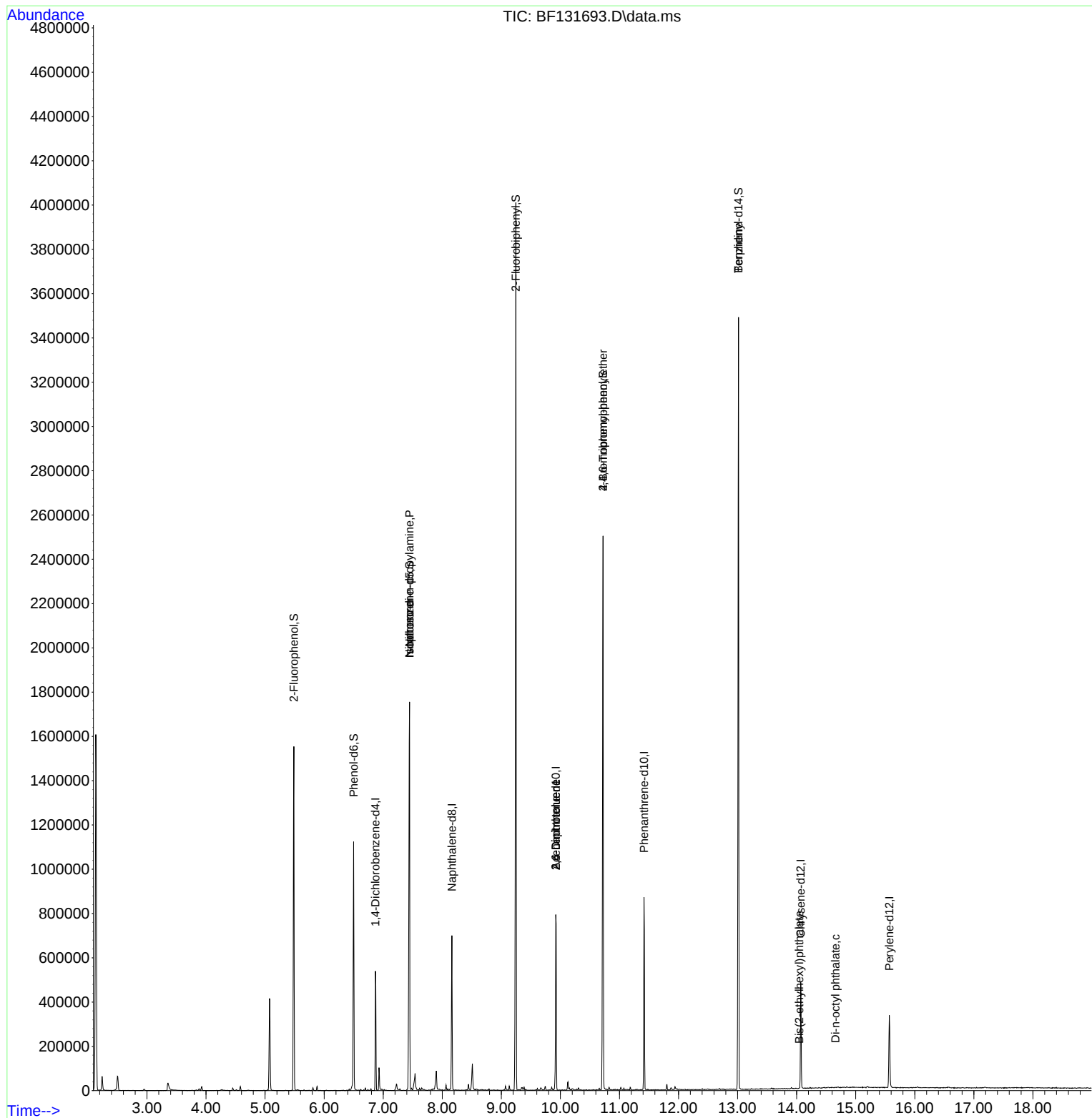
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	74884	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	273965	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	161503	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	305829	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	151257	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	152405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	373464	83.201	ng	0.00
7) Phenol-d6	6.498	99	321737	54.698	ng	0.00
23) Nitrobenzene-d5	7.445	82	659696	91.037	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	269818	150.371	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1138960	88.920	ng	0.00
79) Terphenyl-d14	13.016	244	1179898	106.978	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	93156	21.121	ng	# 74
25) Isophorone	7.445	82	655684	56.175	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	20033	7.882	ng	# 10
57) 2,4-Dinitrotoluene	9.922	165	20033	5.942	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	19245	4.892	ng	# 1
77) Benzidine	13.016	184	17668	4.360	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.045	149	563	3.122	ng	# 74
85) Di-n-octyl phthalate	14.657	149	125	5.230	ng	# 1

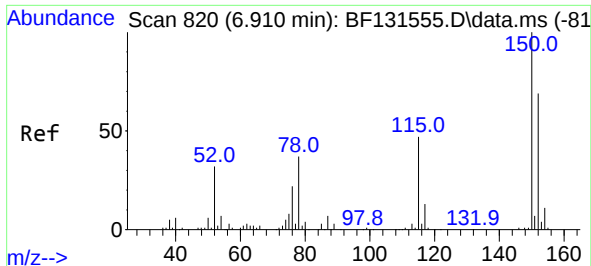
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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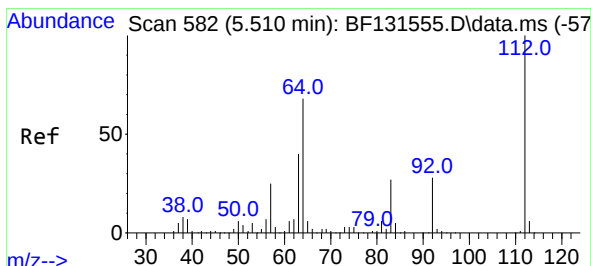
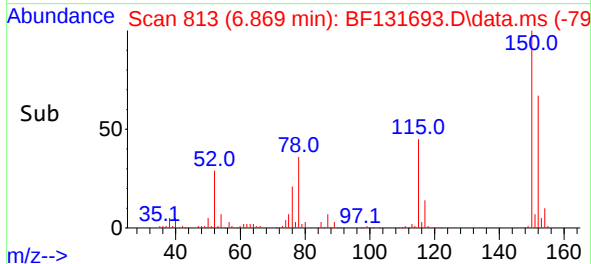
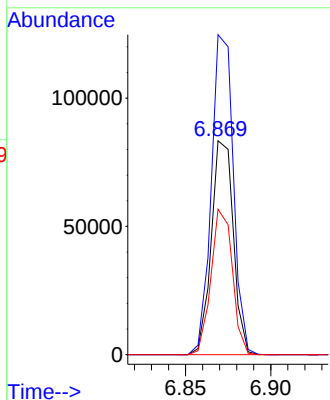
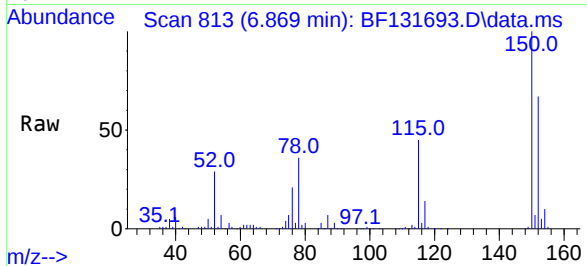




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

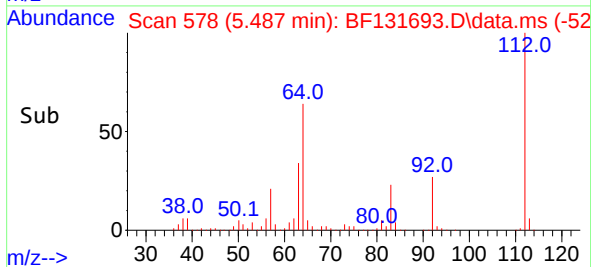
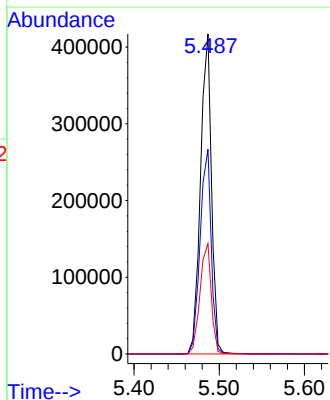
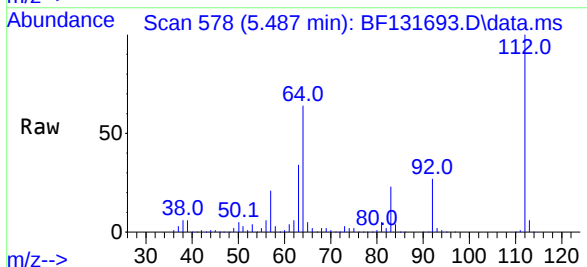
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

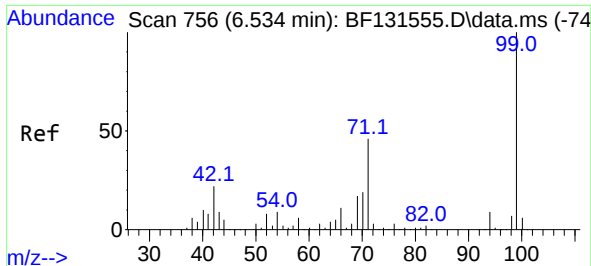
Tgt Ion:152 Resp: 74884
Ion Ratio Lower Upper
152 100
150 149.6 116.7 175.1
115 68.0 54.6 82.0



#5
2-Fluorophenol
Concen: 83.201 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion:112 Resp: 373464
Ion Ratio Lower Upper
112 100
64 64.0 54.5 81.7
63 34.4 31.9 47.9

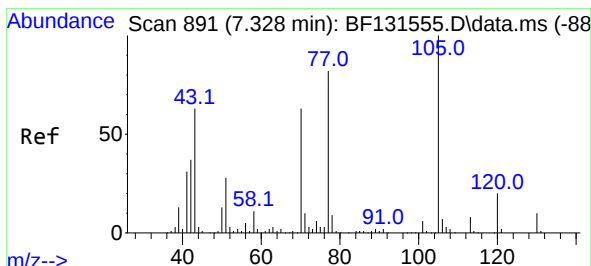
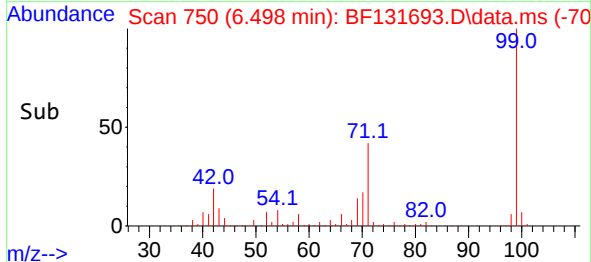
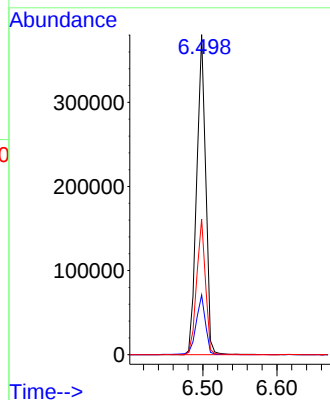
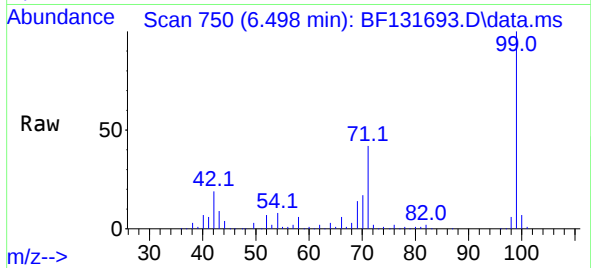




#7
Phenol-d6
Concen: 54.698 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

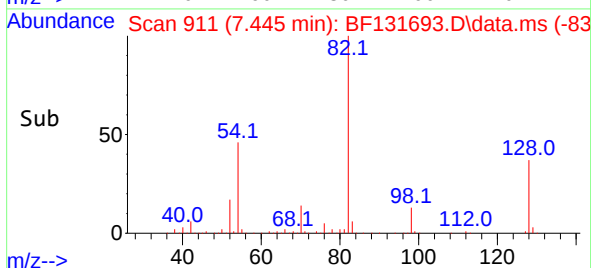
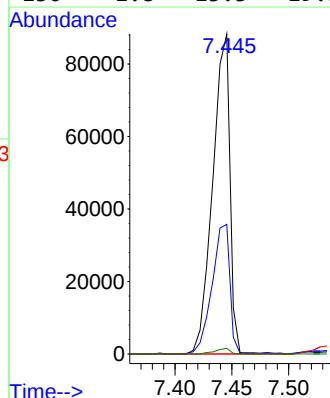
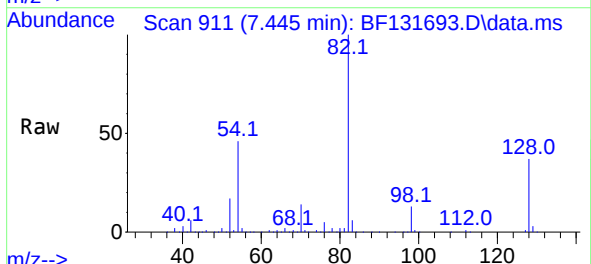
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

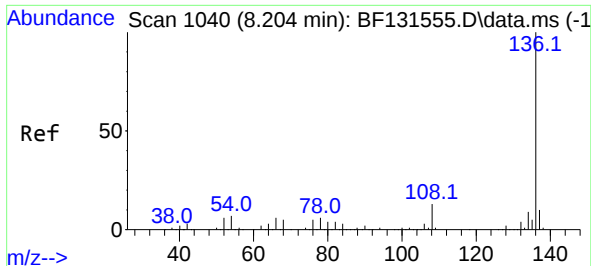
Tgt Ion: 99 Resp: 321737
Ion Ratio Lower Upper
99 100
42 18.7 17.9 26.9
71 42.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.121 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

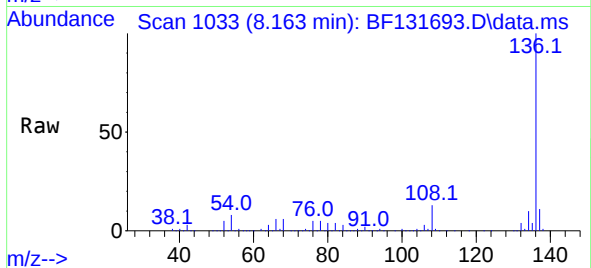
Tgt Ion: 70 Resp: 93156
Ion Ratio Lower Upper
70 100
42 40.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#



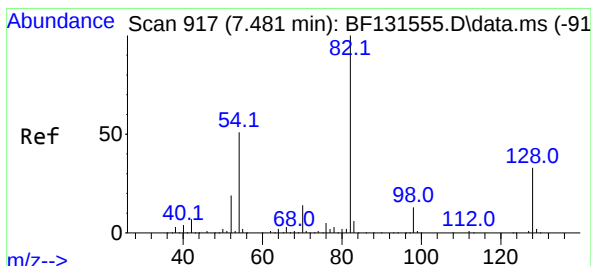
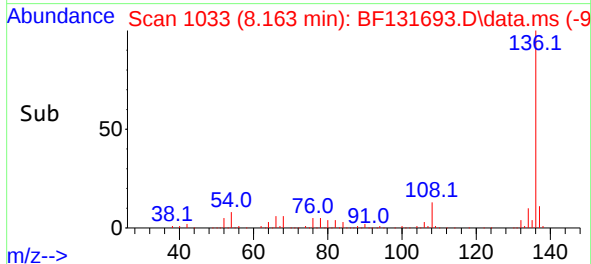
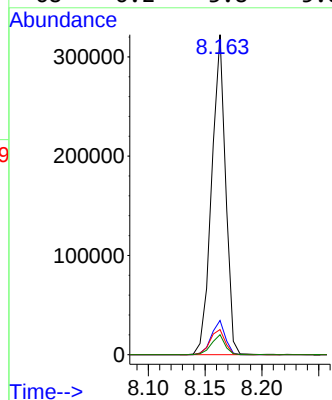


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

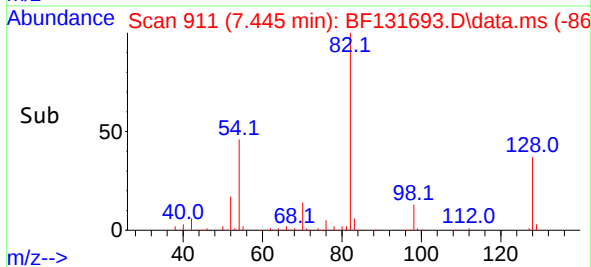
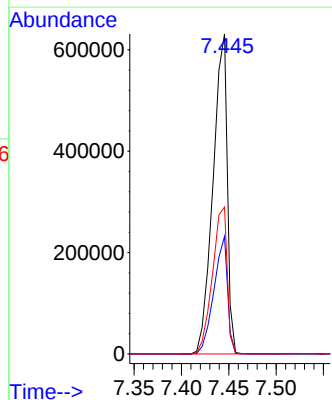
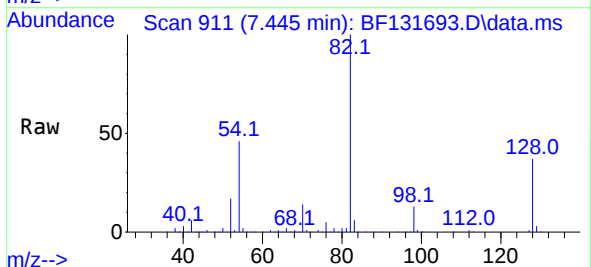


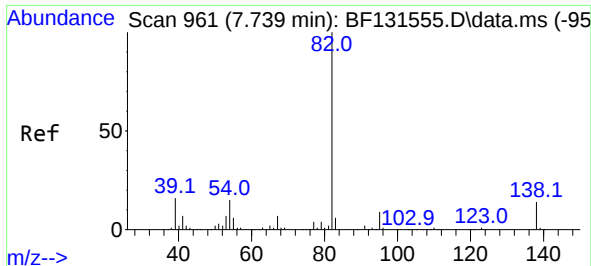
Tgt Ion:136 Resp: 273965
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 7.9 6.0 9.0
68 6.2 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 91.037 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion: 82 Resp: 659696
Ion Ratio Lower Upper
82 100
128 36.7 26.1 39.1
54 45.9 40.6 60.8

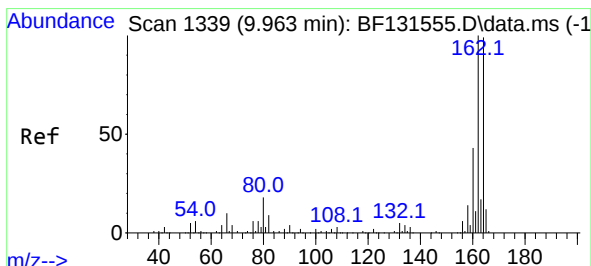
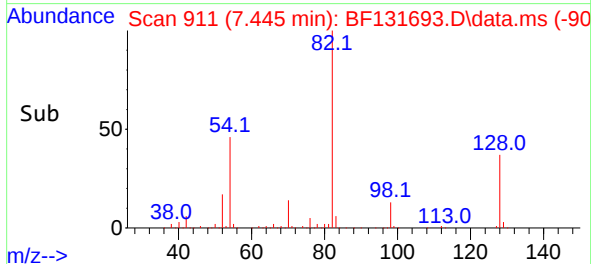
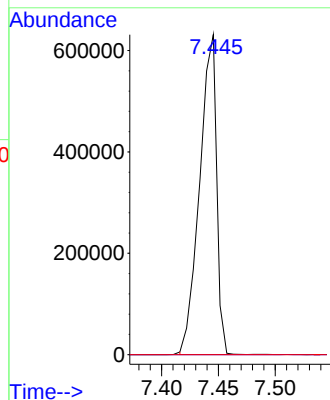
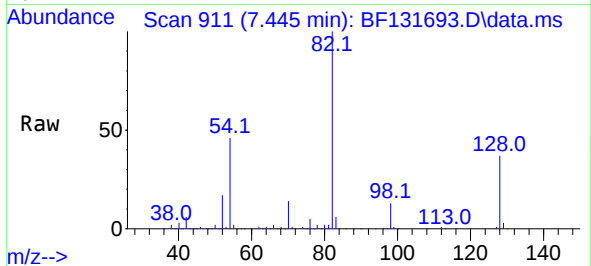




#25
Isophorone
Concen: 56.175 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

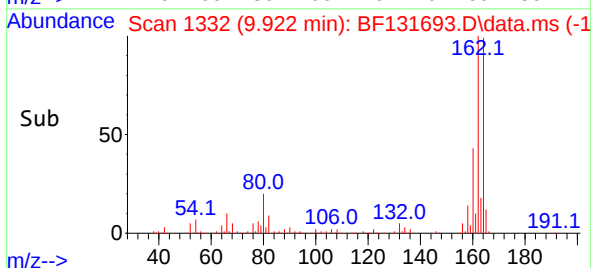
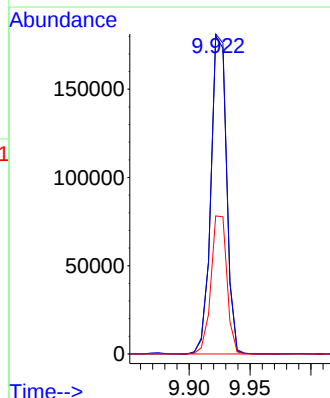
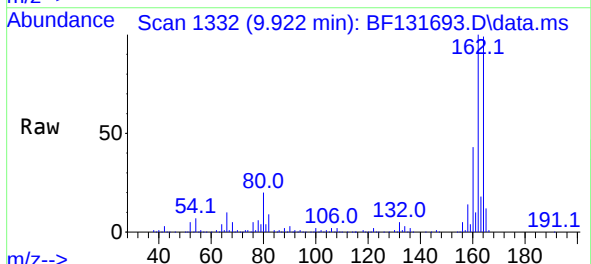
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

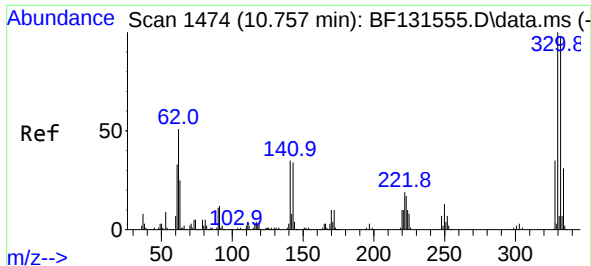
Tgt Ion: 82 Resp: 655684
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion:164 Resp: 161503
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 43.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 150.371 ng

RT: 10.722 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BF131693.D

Acq: 19 Dec 2022 17:28

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-2

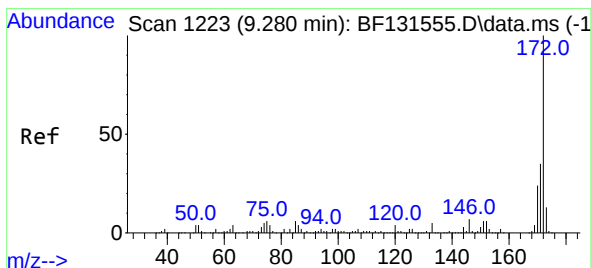
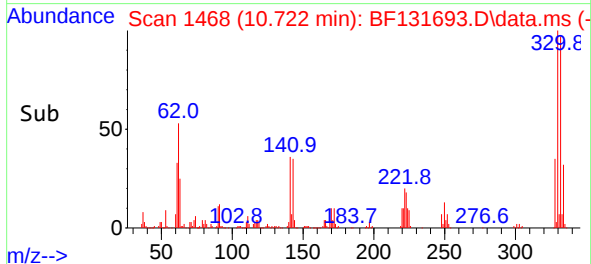
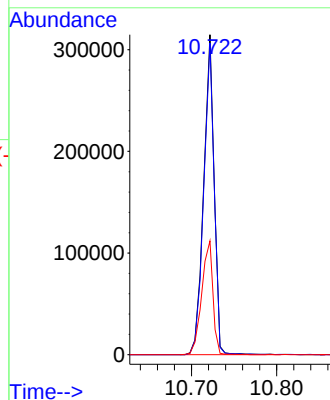
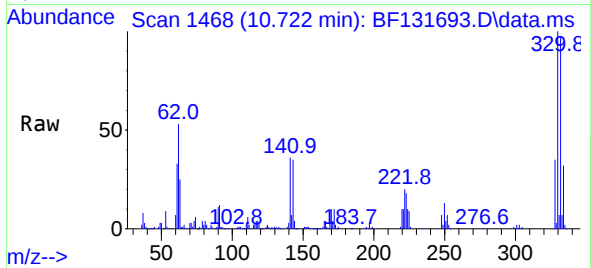
Tgt Ion:330 Resp: 269818

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

141 38.0 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 88.920 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131693.D

Acq: 19 Dec 2022 17:28

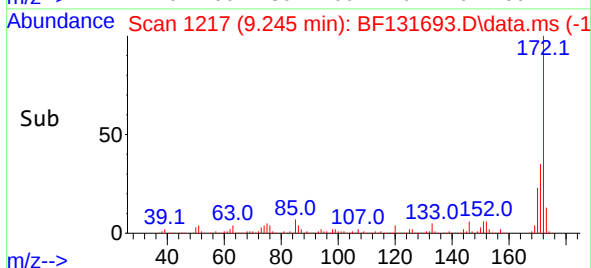
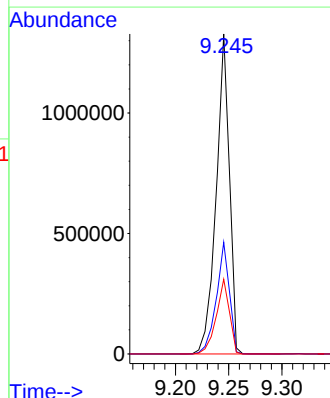
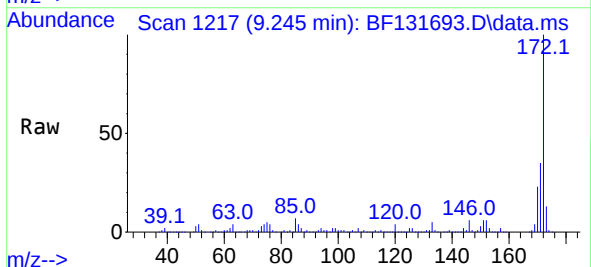
Tgt Ion:172 Resp: 1138960

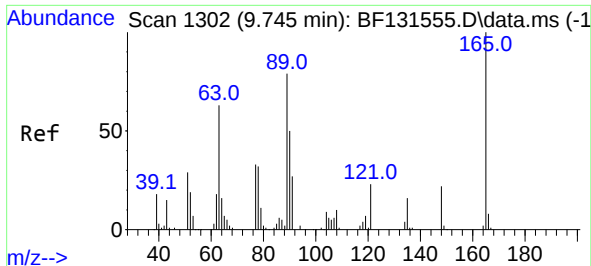
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 19.3 28.9

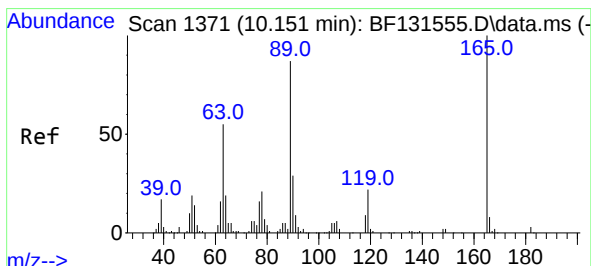
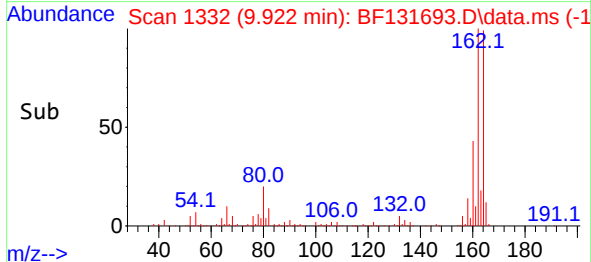
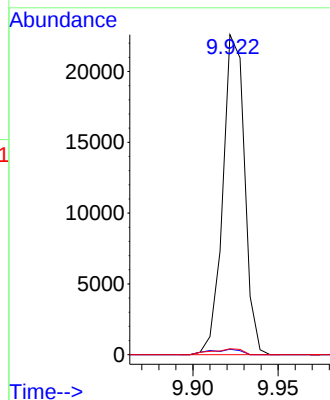
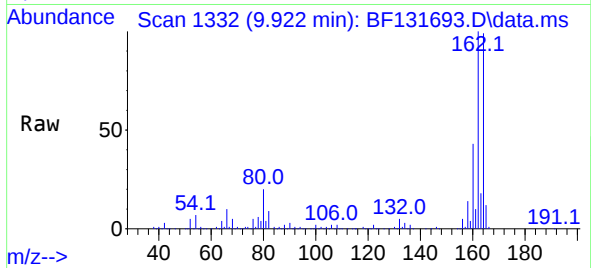




#51
2,6-Dinitrotoluene
Concen: 7.882 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

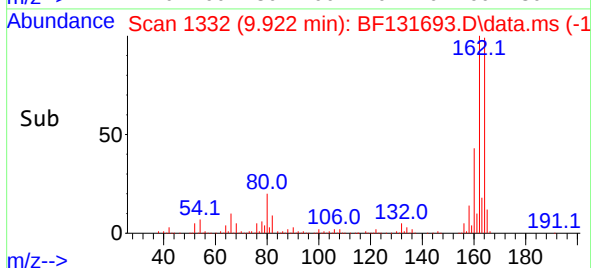
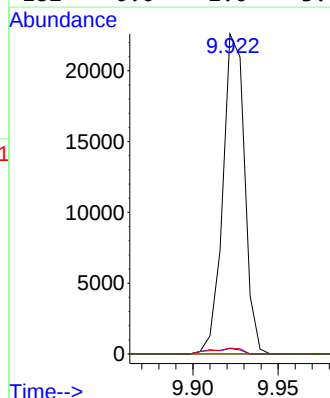
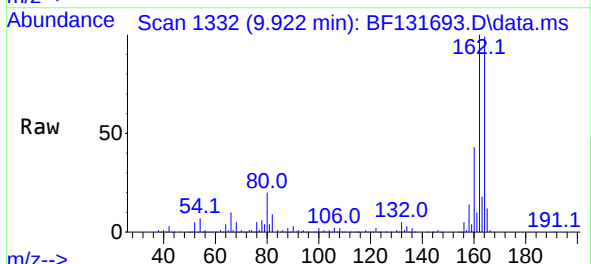
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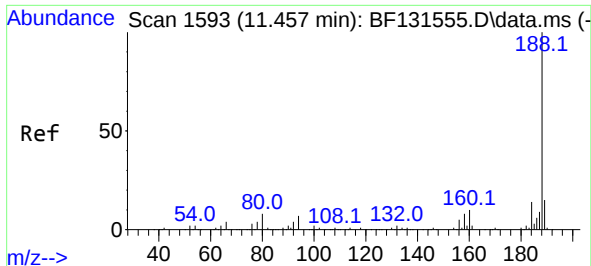
Tgt Ion:165 Resp: 20033
Ion Ratio Lower Upper
165 100
63 1.7 67.9 101.9#
89 1.9 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.942 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion:165 Resp: 20033
Ion Ratio Lower Upper
165 100
63 1.7 44.4 66.6#
89 1.9 69.6 104.4#
182 0.0 2.0 3.0#

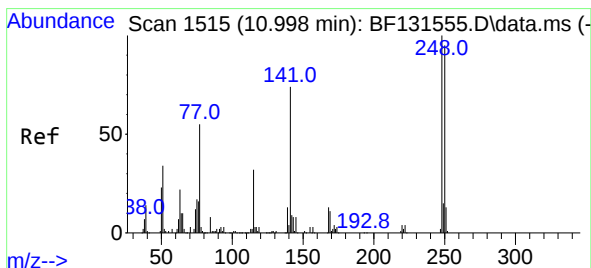
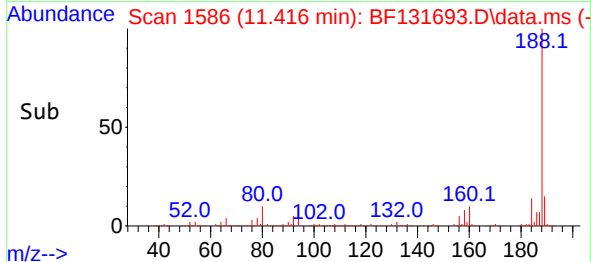
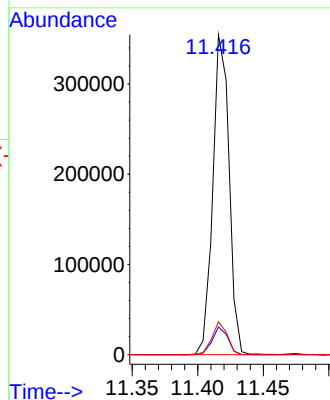
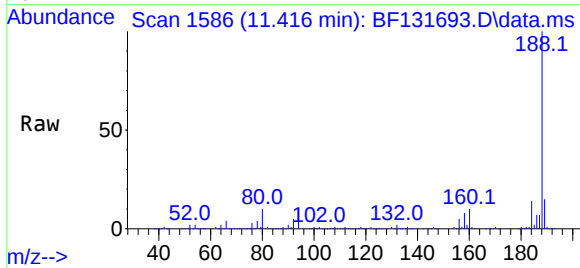




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

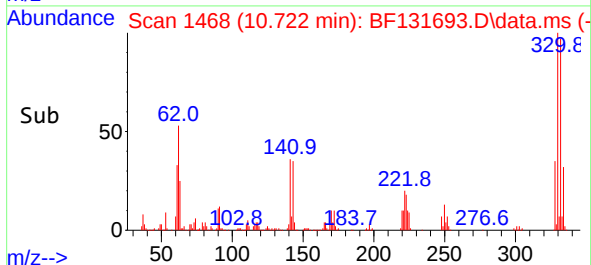
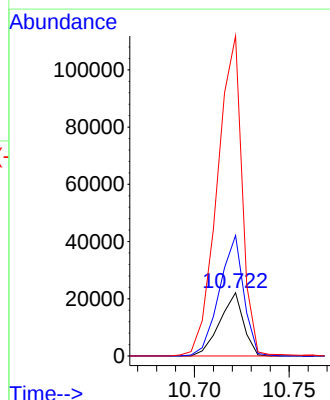
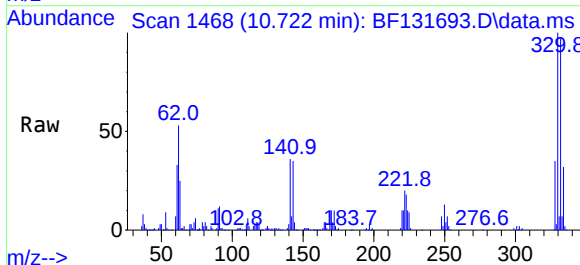
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

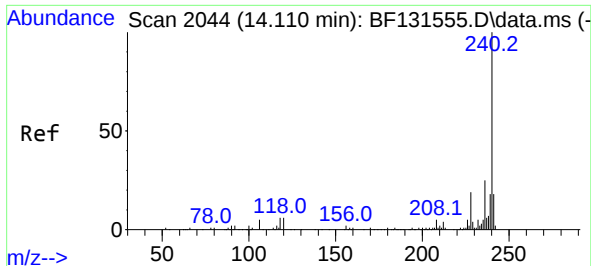
Tgt Ion:188 Resp: 305829
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 10.3 6.6 10.0#



#67
4-Bromophenyl-phenylether
Concen: 4.892 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion:248 Resp: 19245
Ion Ratio Lower Upper
248 100
250 190.7 76.2 114.2#
141 506.5 59.5 89.3#

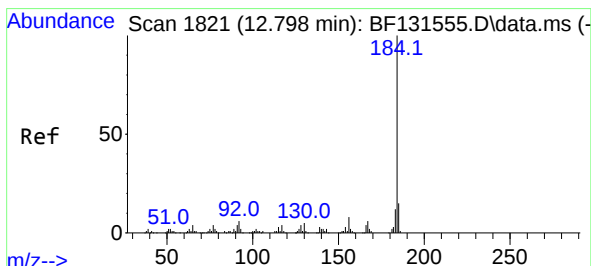
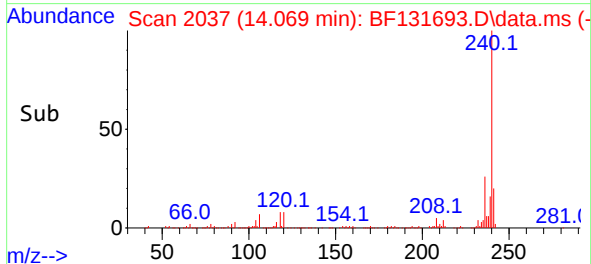
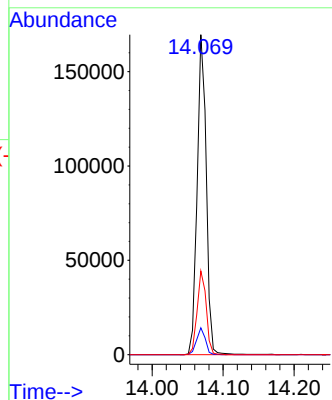
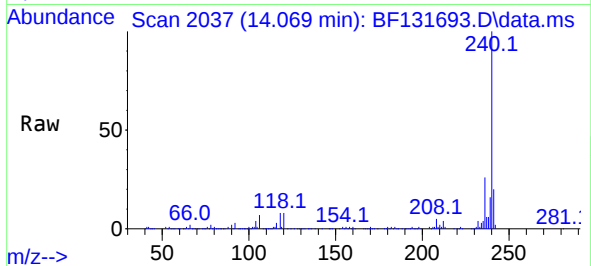




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

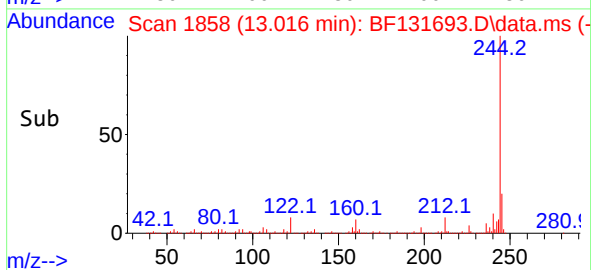
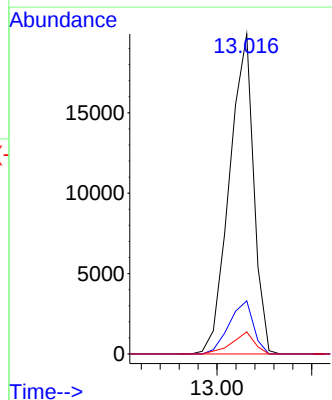
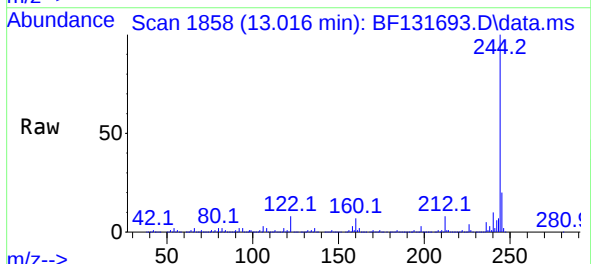
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2

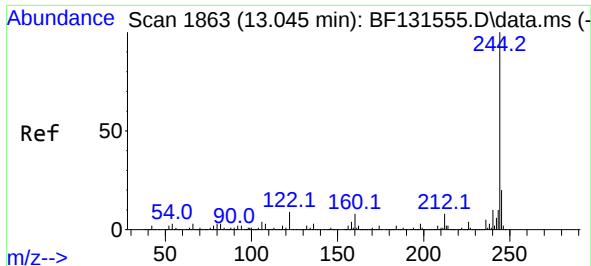
Tgt Ion:240 Resp: 151257
Ion Ratio Lower Upper
240 100
120 8.4 4.6 7.0#
236 26.2 20.2 30.2



#77
Benzidine
Concen: 4.360 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

Tgt Ion:184 Resp: 17668
Ion Ratio Lower Upper
184 100
185 16.6 12.2 18.2
183 6.9 9.3 13.9#

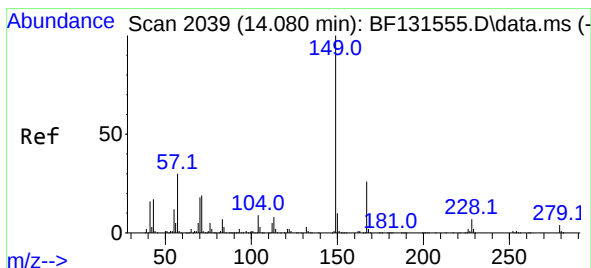
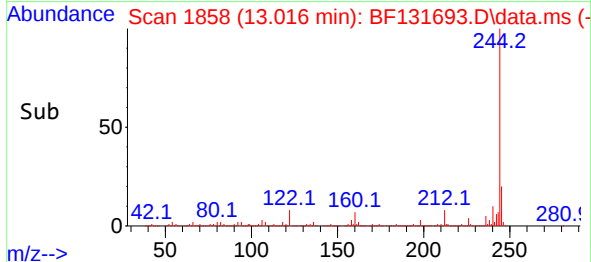
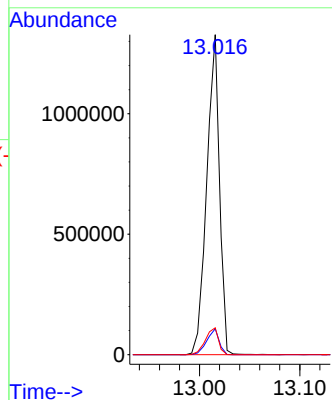
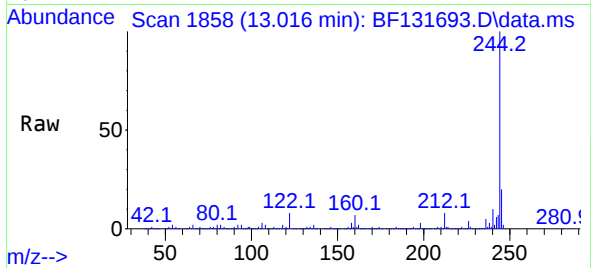




#79
 Terphenyl-d14
 Concen: 106.978 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131693.D
 Acq: 19 Dec 2022 17:28

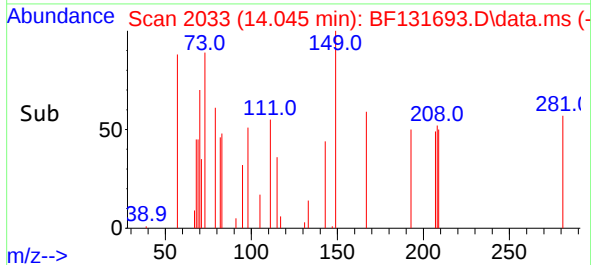
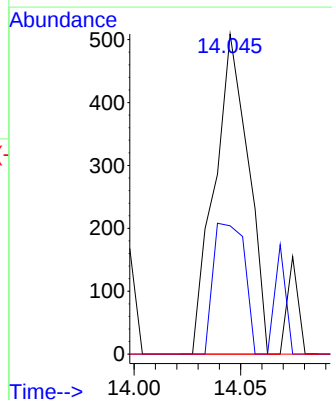
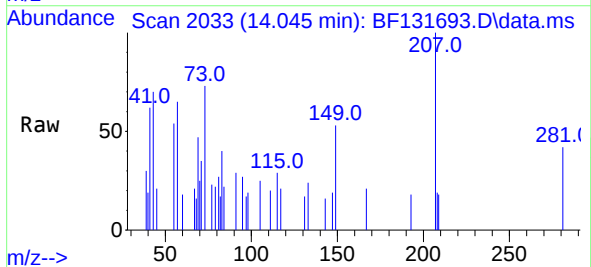
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-2

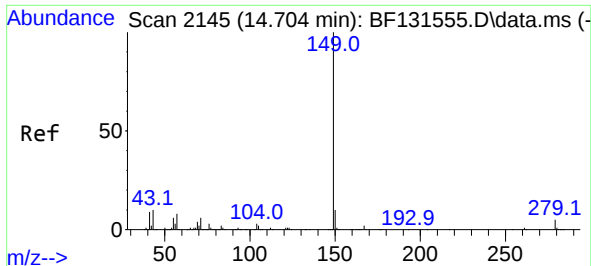
Tgt Ion:244 Resp: 1179898
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.4 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.122 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: BF131693.D
 Acq: 19 Dec 2022 17:28

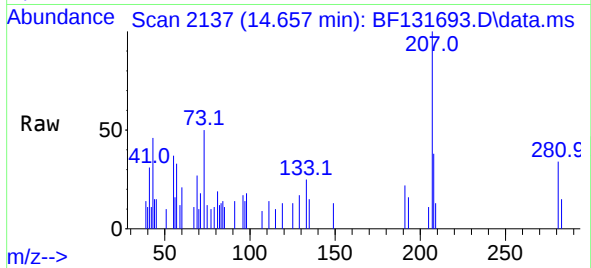
Tgt Ion:149 Resp: 563
 Ion Ratio Lower Upper
 149 100
 167 40.1 20.8 31.2#
 279 0.0 3.3 4.9#



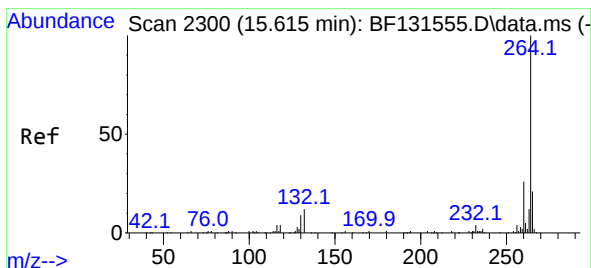
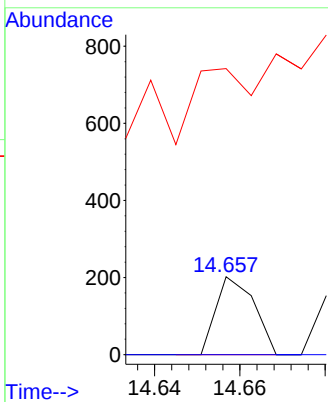
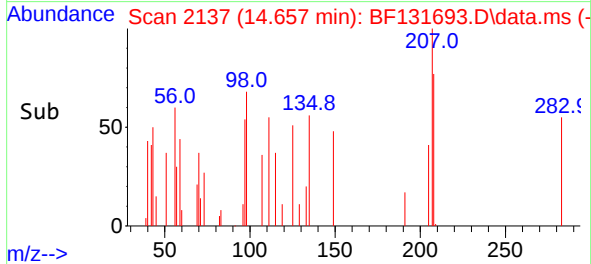


#85
Di-n-octyl phthalate
Concen: 5.230 ng
RT: 14.657 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28

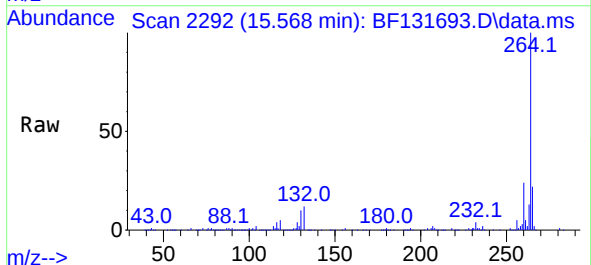
Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-2



Tgt Ion:149 Resp: 125
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 145.6 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF131693.D
Acq: 19 Dec 2022 17:28



Tgt Ion:264 Resp: 152405
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 21.7 16.8 25.2

