

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132581.D
 Acq On : 28 Feb 2023 20:01
 Operator : CG\JU
 Sample : 01427-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB1-WATER

Quant Time: Mar 01 02:30:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

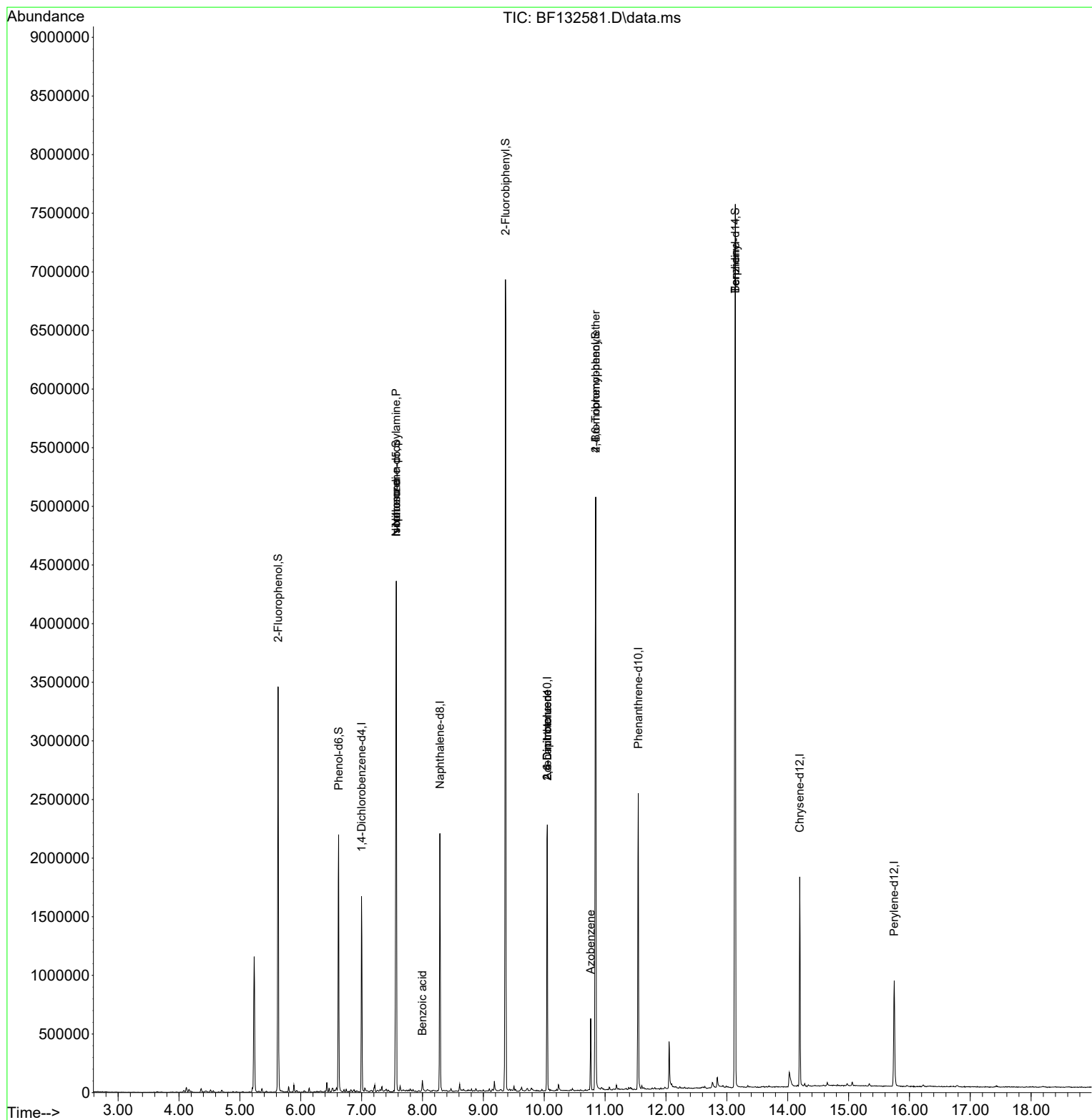
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	237616	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	881042	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	472458	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	915262	20.000	ng	0.00
76) Chrysene-d12	14.198	240	584659	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	434558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	951123	64.964	ng	0.00
7) Phenol-d6	6.622	99	753072	39.412	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1597363	86.018	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	672756	131.852	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2436180	78.514	ng	0.00
79) Terphenyl-d14	13.139	244	2939229	84.998	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	209675	17.830	ng	# 76
25) Isophorone	7.569	82	1594822	44.795	ng	# 67
32) Benzoic acid	7.998	122	3370	4.121	ng	# 76
51) 2,6-Dinitrotoluene	10.051	165	61844	7.894	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	61844	5.934	ng	# 21
63) Azobenzene	10.763	77	99383	2.793	ng	# 1
67) 4-Bromophenyl-phenylether	10.845	248	43377	4.190	ng	# 1
77) Benzidine	13.139	184	42730	3.002	ng	# 96

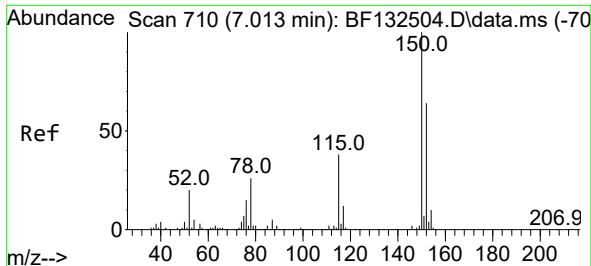
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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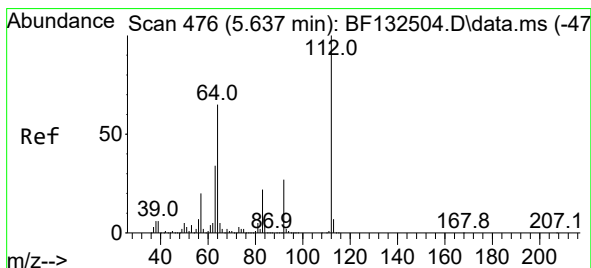
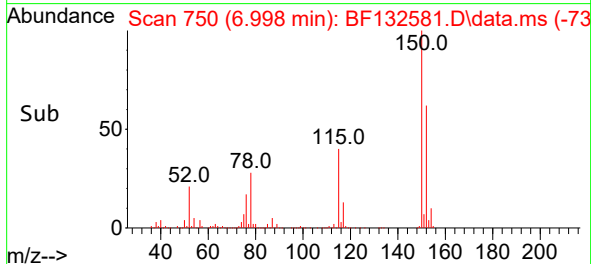
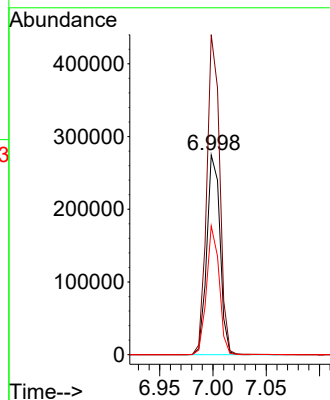
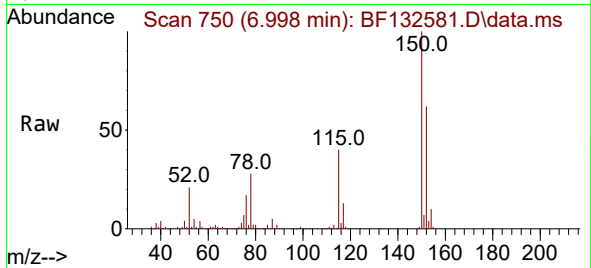




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 710
 Delta R.T. -0.009 min
 Lab File: BF132581.D
 Acq: 28 Feb 2023 20:01

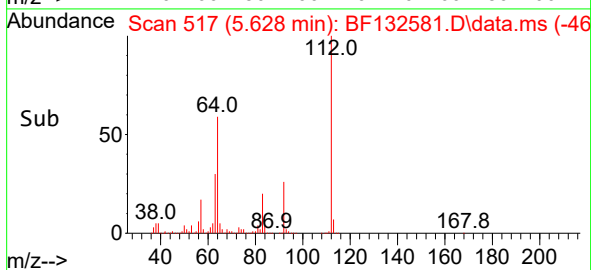
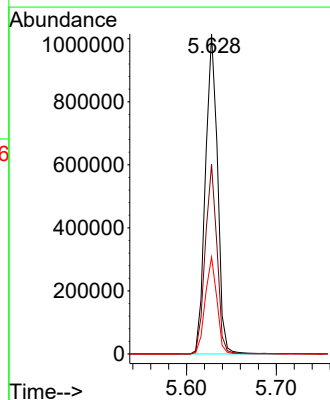
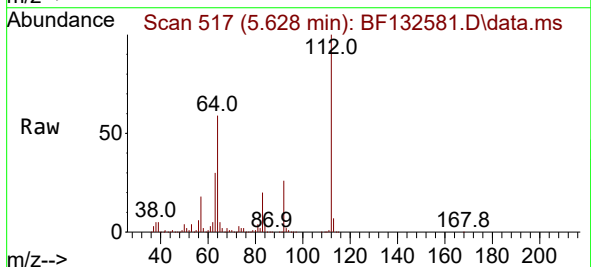
Instrument :
 BNA_F
 ClientSampleId :
 JB1-WATER

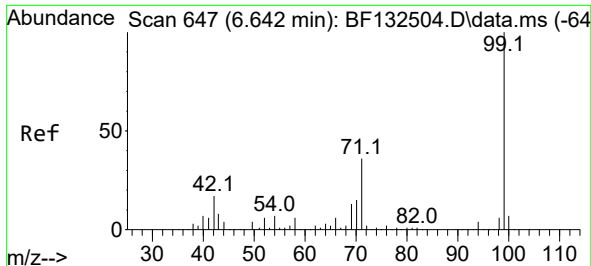
Tgt Ion:152 Resp: 237616
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.4 188.2
 115 64.5 47.8 71.6



#5
 2-Fluorophenol
 Concen: 64.964 ng
 RT: 5.628 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: BF132581.D
 Acq: 28 Feb 2023 20:01

Tgt Ion:112 Resp: 951123
 Ion Ratio Lower Upper
 112 100
 64 59.2 51.6 77.4
 63 30.3 27.4 41.2

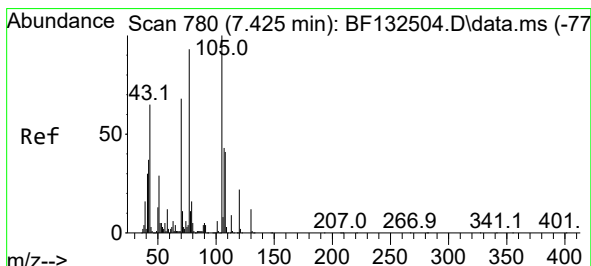
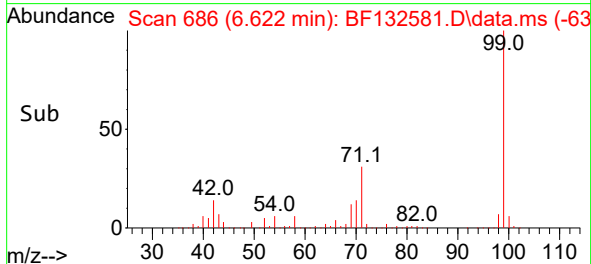
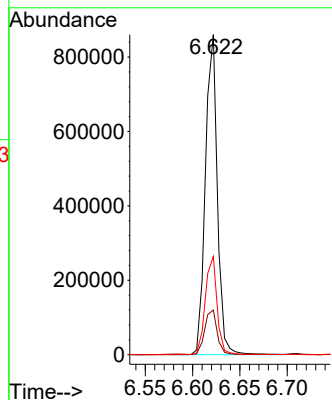
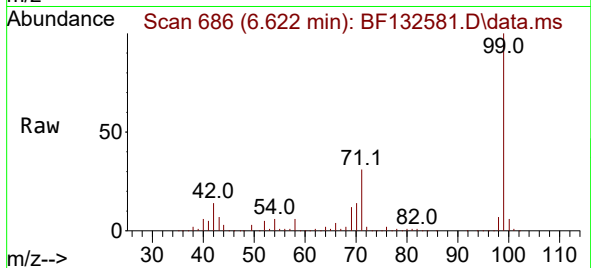




#7
Phenol-d6
Concen: 39.412 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

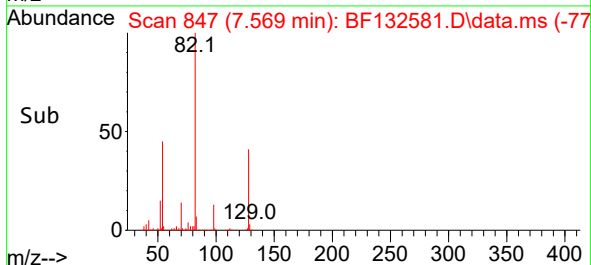
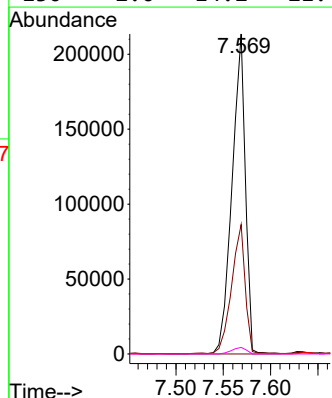
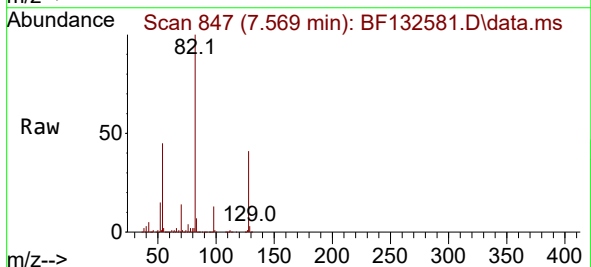
Instrument :
BNA_F
ClientSampleId :
JB1-WATER

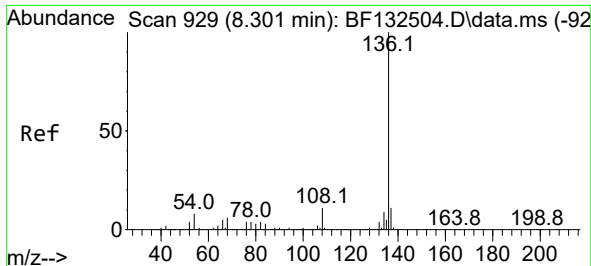
Tgt Ion: 99 Resp: 753072
Ion Ratio Lower Upper
99 100
42 13.9 13.9 20.9
71 30.7 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.830 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion: 70 Resp: 209675
Ion Ratio Lower Upper
70 100
42 40.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

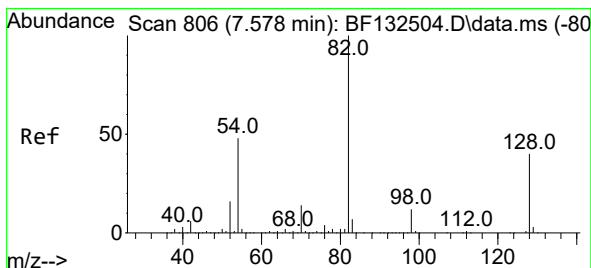
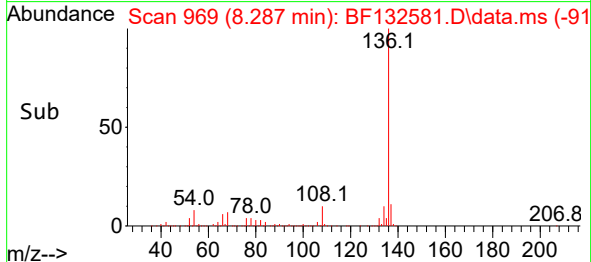
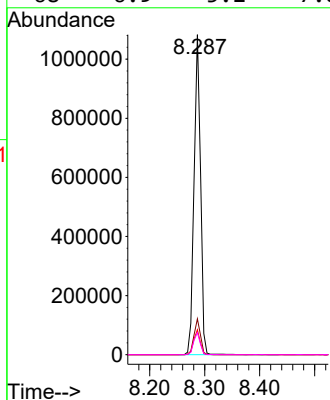
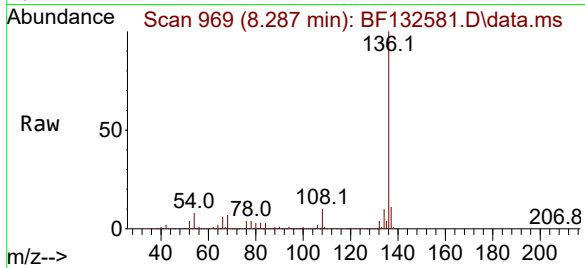




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

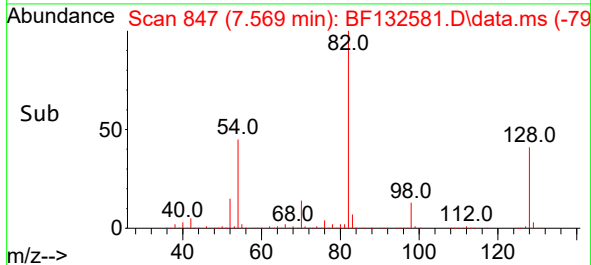
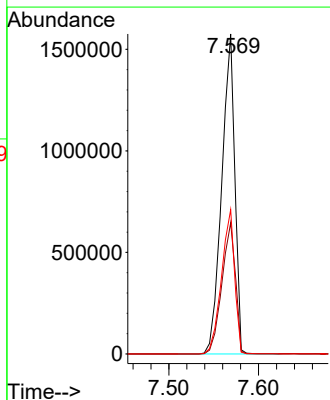
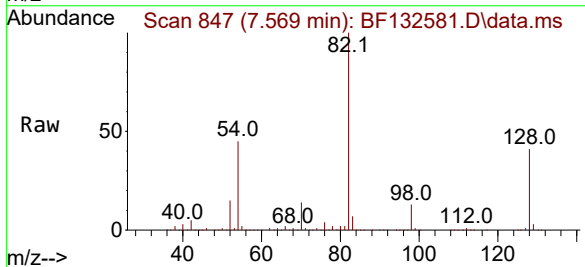
Instrument :
BNA_F
ClientSampleId :
JB1-WATER

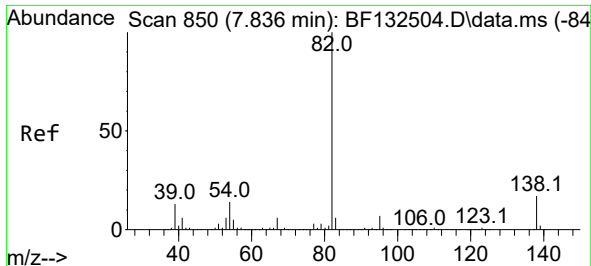
Tgt Ion:136 Resp: 881042
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.2 9.4
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.018 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion: 82 Resp: 1597363
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 45.1 38.4 57.6

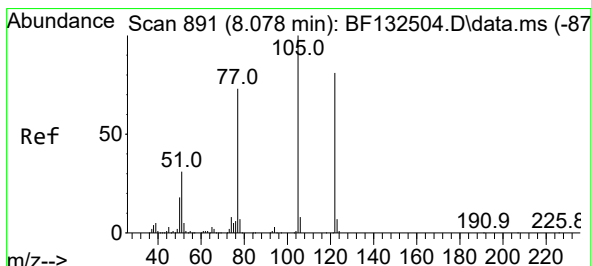
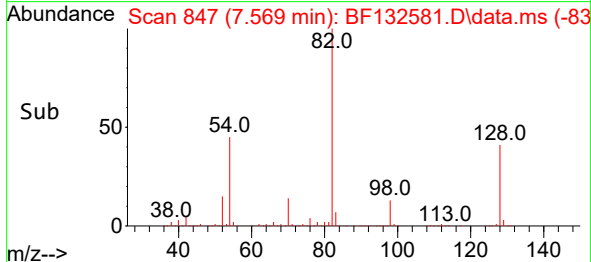
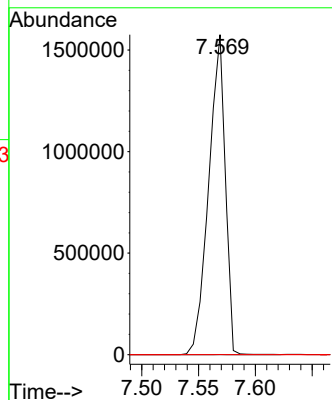
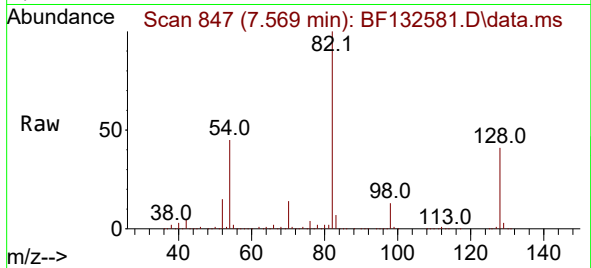




#25
Isophorone
Concen: 44.795 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

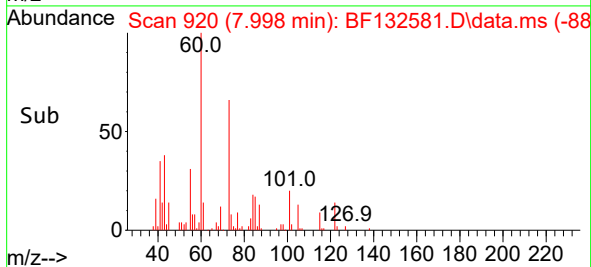
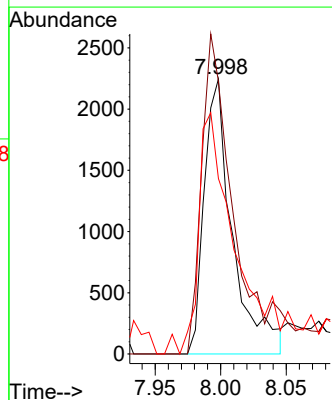
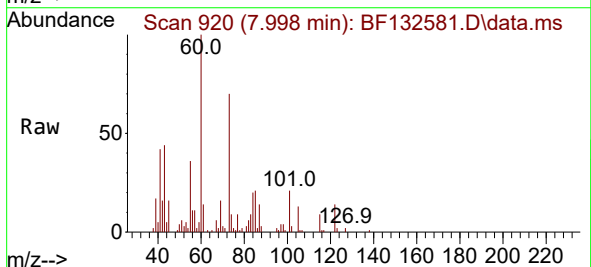
Instrument :
BNA_F
ClientSampleId :
JB1-WATER

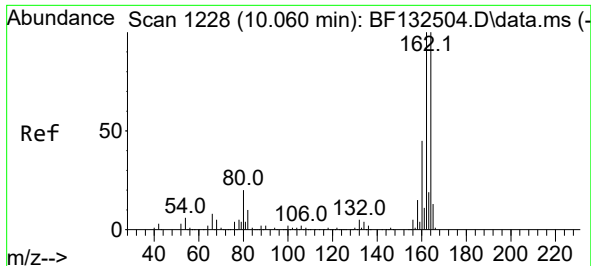
Tgt Ion: 82 Resp: 1594822
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.121 ng
RT: 7.998 min Scan# 920
Delta R.T. -0.068 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion:122 Resp: 3370
Ion Ratio Lower Upper
122 100
105 99.0 102.6 142.6#
77 63.8 70.2 110.2#

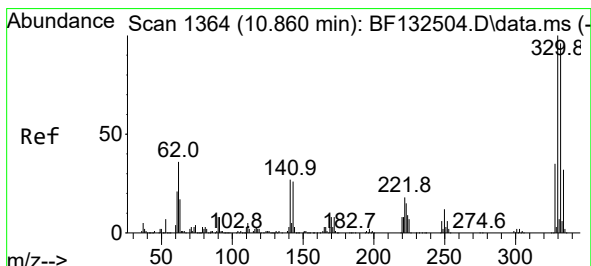
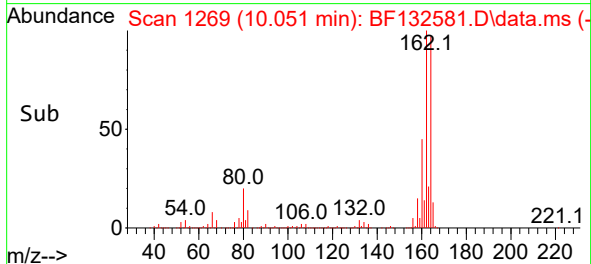
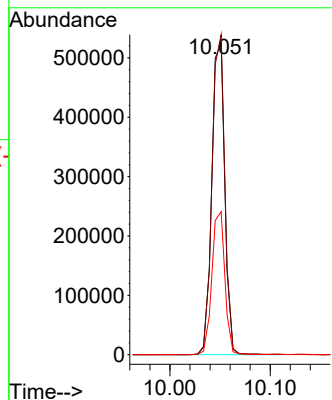
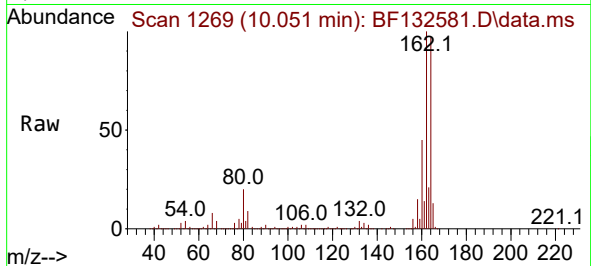




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1403
Delta R.T. -0.003 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

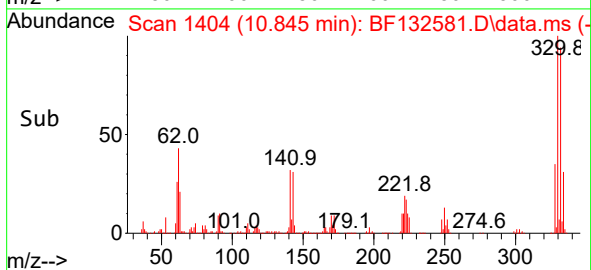
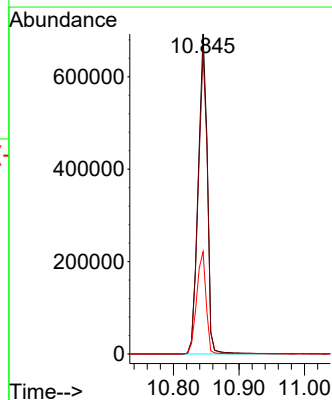
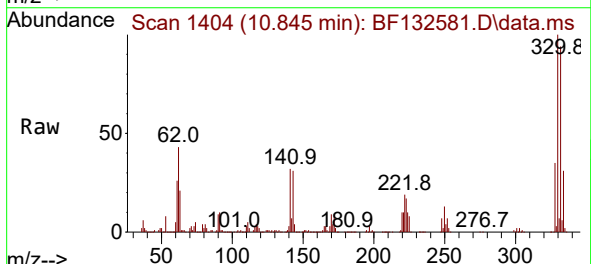
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ClientSampleId :
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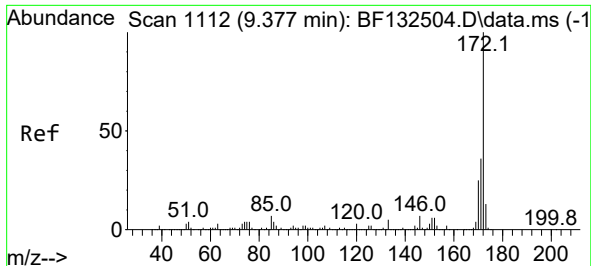
Tgt Ion:164 Resp: 472458
Ion Ratio Lower Upper
164 100
162 102.7 79.8 119.8
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 131.852 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion:330 Resp: 672756
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.3 28.4 42.6

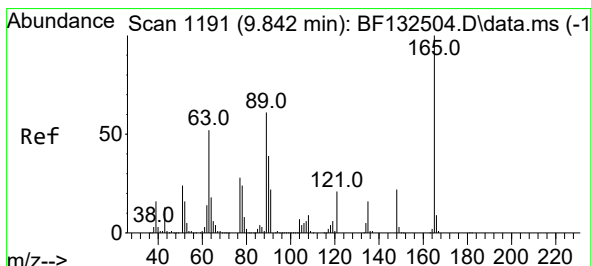
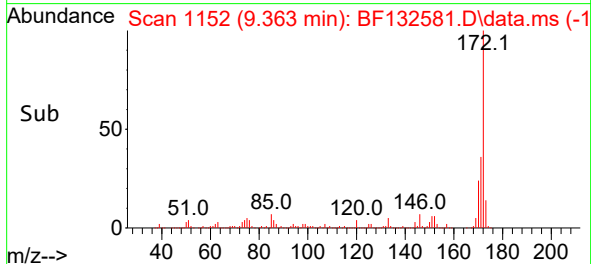
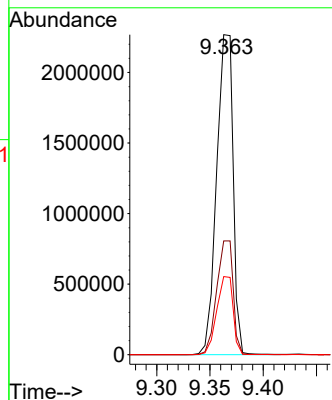
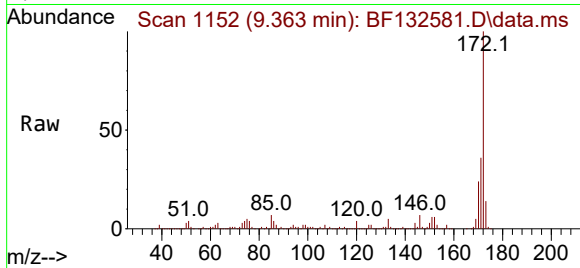




#45
2-Fluorobiphenyl
Concen: 78.514 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

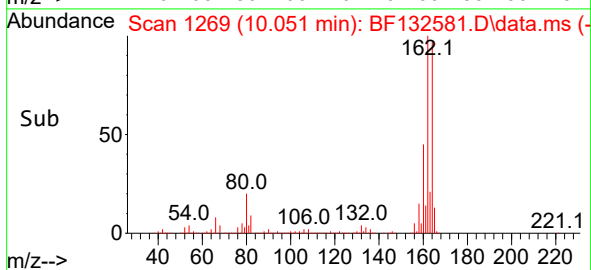
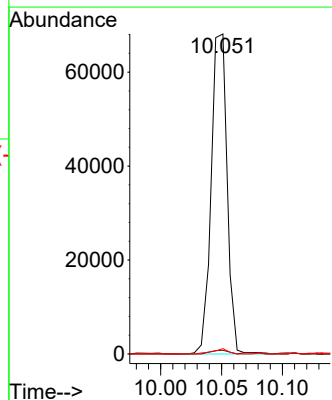
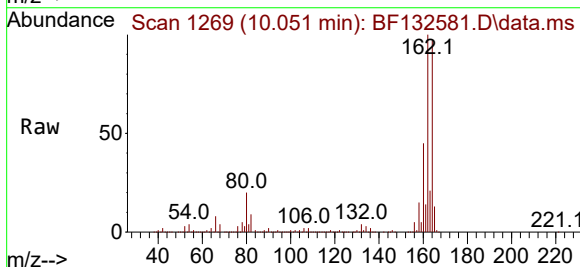
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JB1-WATER

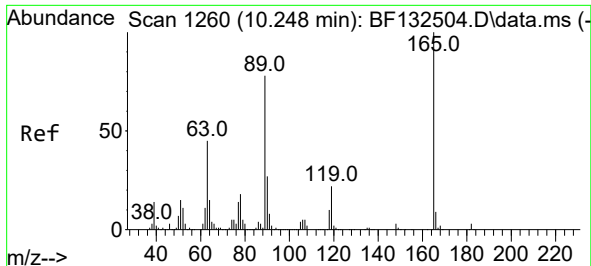
Tgt Ion:172 Resp: 2436180
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.894 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion:165 Resp: 61844
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.7 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.934 ng

RT: 10.051 min Scan# 1390

Delta R.T. -0.191 min

Lab File: BF132581.D

Acq: 28 Feb 2023 20:01

Instrument :

BNA_F

ClientSampleId :

JB1-WATER

Tgt Ion:165 Resp: 61844

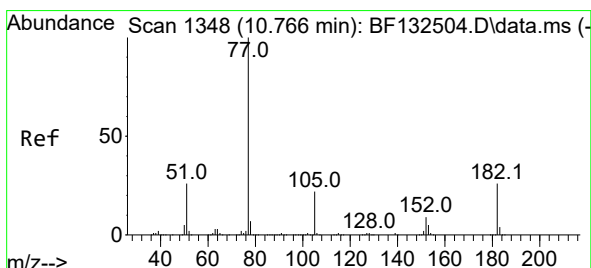
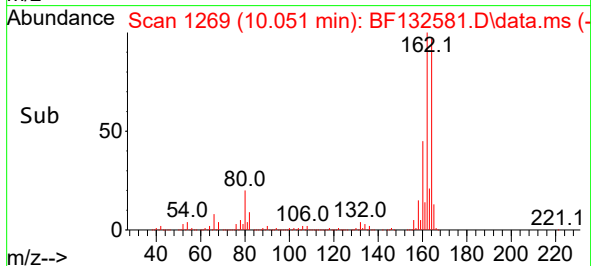
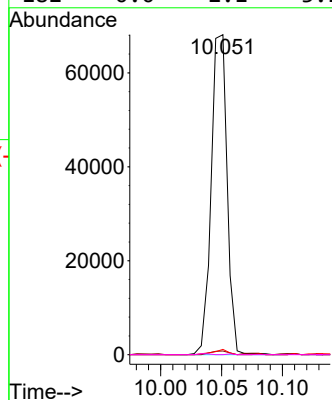
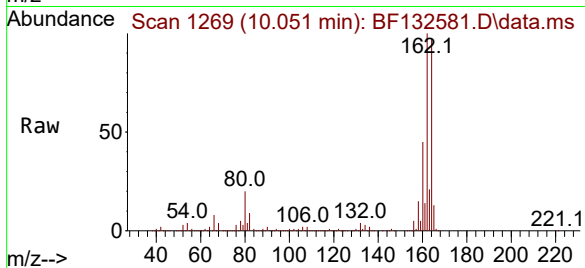
Ion Ratio Lower Upper

165 100

63 1.1 36.5 54.7#

89 1.7 62.4 93.6#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.793 ng

RT: 10.763 min Scan# 1390

Delta R.T. 0.009 min

Lab File: BF132581.D

Acq: 28 Feb 2023 20:01

Tgt Ion: 77 Resp: 99383

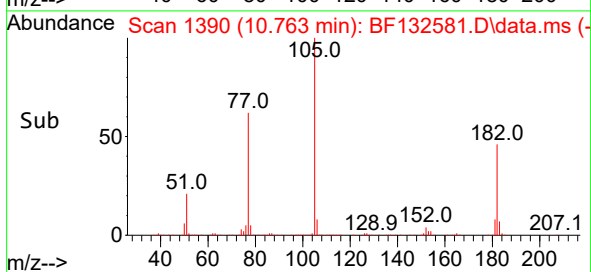
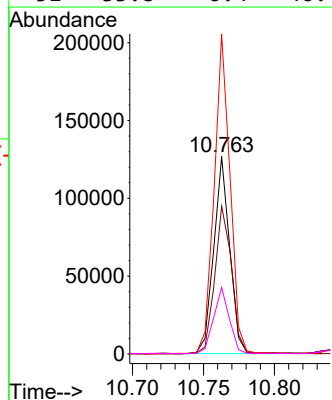
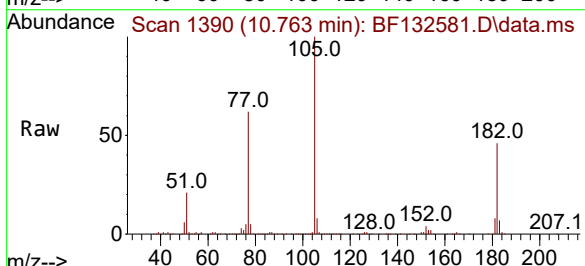
Ion Ratio Lower Upper

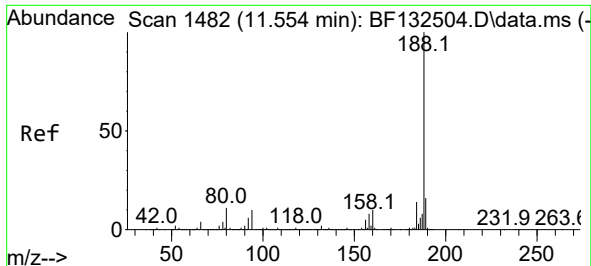
77 100

182 74.9 5.5 45.5#

105 162.1 1.8 41.8#

51 33.8 6.4 46.4

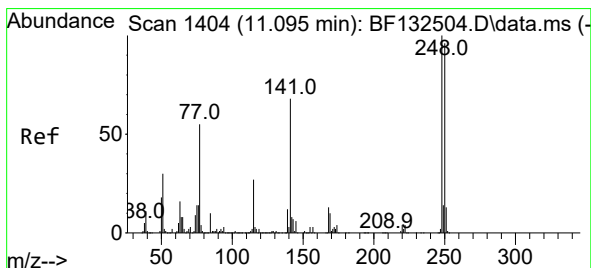
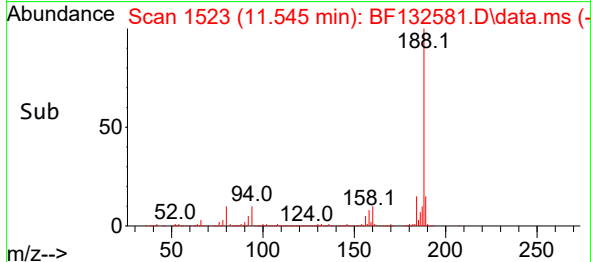
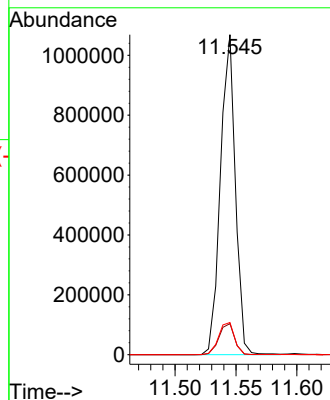
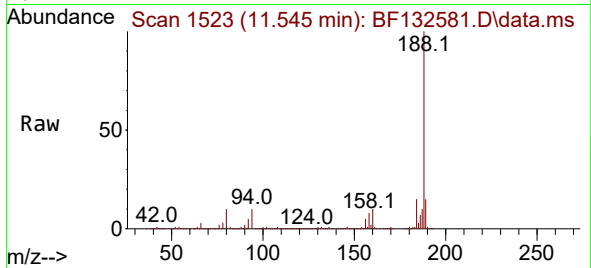




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

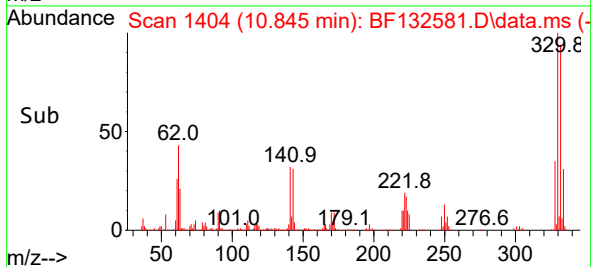
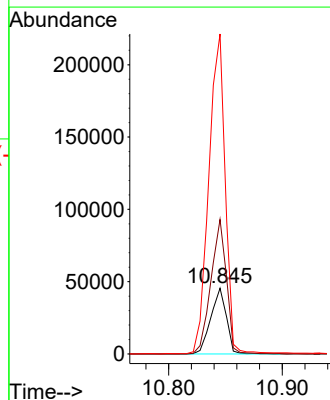
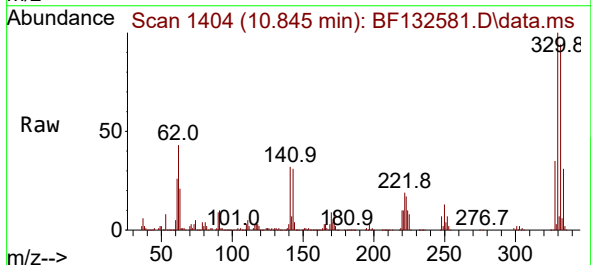
Instrument :
BNA_F
ClientSampleId :
JB1-WATER

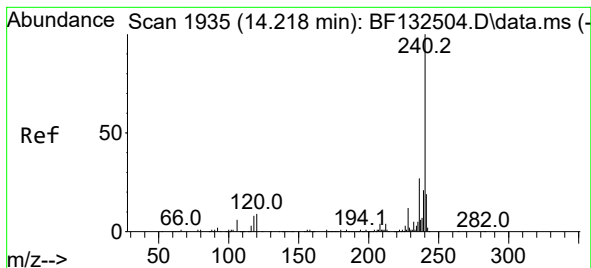
Tgt Ion:188 Resp: 915262
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.0 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 4.190 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132581.D
Acq: 28 Feb 2023 20:01

Tgt Ion:248 Resp: 43377
Ion Ratio Lower Upper
248 100
250 204.5 77.0 115.4#
141 486.4 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1935

Delta R.T. -0.009 min

Lab File: BF132581.D

Acq: 28 Feb 2023 20:01

Instrument :

BNA_F

ClientSampleId :

JB1-WATER

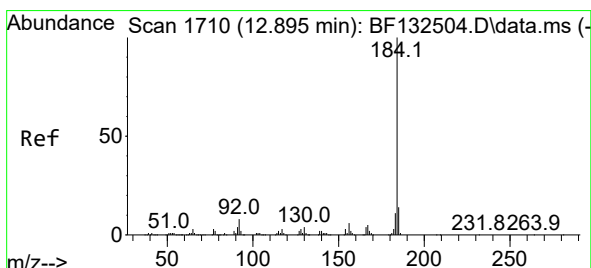
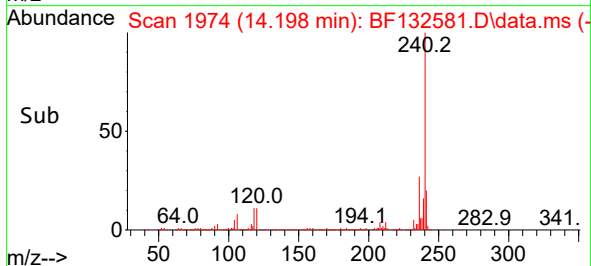
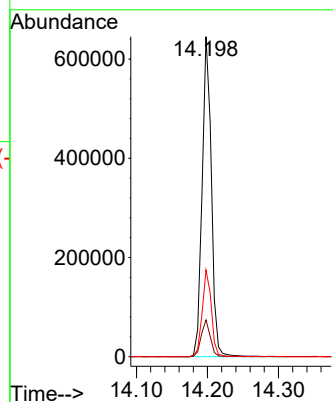
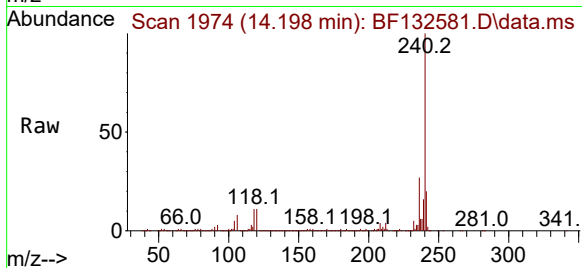
Tgt Ion:240 Resp: 584659

Ion Ratio Lower Upper

240 100

120 11.5 7.2 10.8#

236 27.1 21.8 32.6



#77

Benidine

Concen: 3.002 ng

RT: 13.139 min Scan# 1794

Delta R.T. 0.256 min

Lab File: BF132581.D

Acq: 28 Feb 2023 20:01

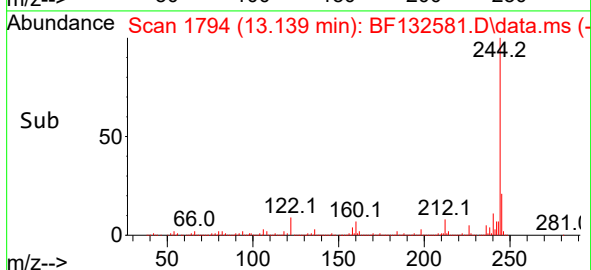
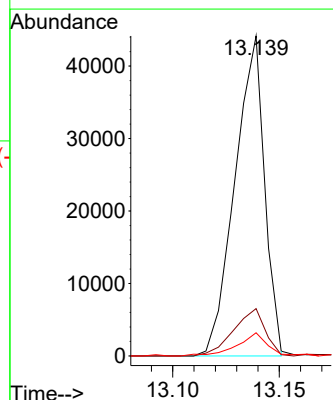
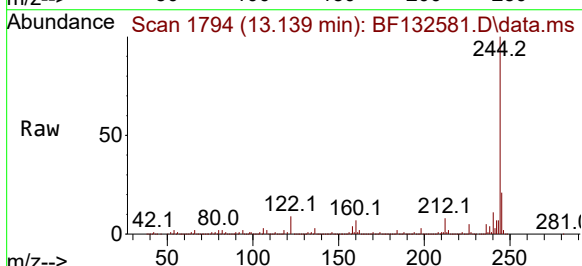
Tgt Ion:184 Resp: 42730

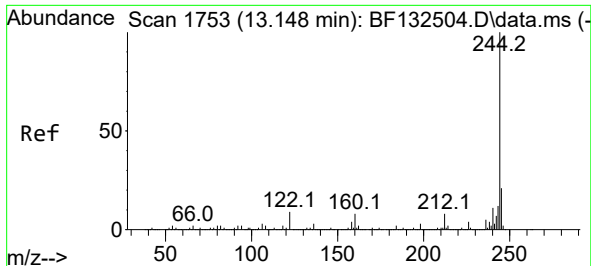
Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

183 7.3 8.7 13.1#

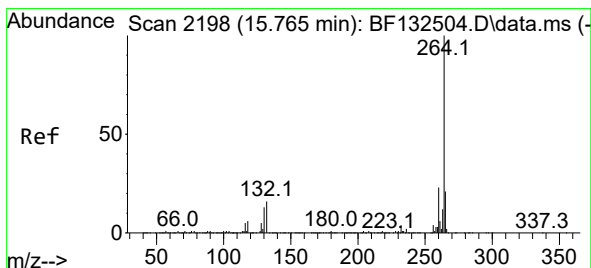
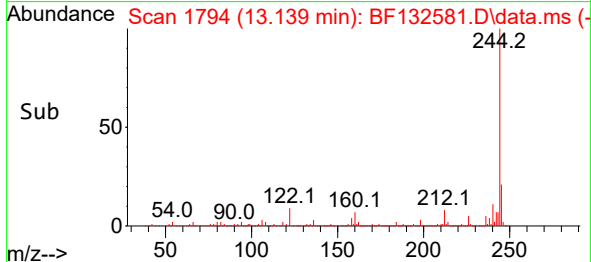
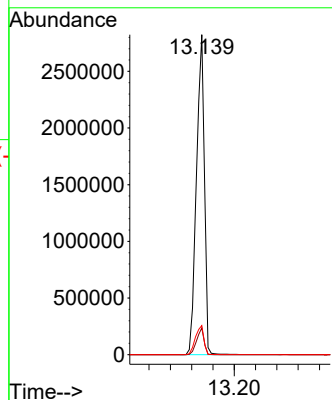
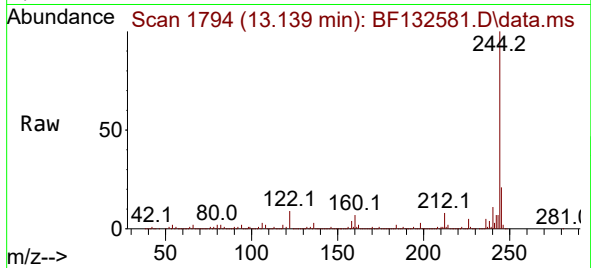




#79
 Terphenyl-d14
 Concen: 84.998 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132581.D
 Acq: 28 Feb 2023 20:01

Instrument :
 BNA_F
 ClientSampleId :
 JB1-WATER

Tgt Ion:244 Resp: 2939229
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132581.D
 Acq: 28 Feb 2023 20:01

Tgt Ion:264 Resp: 434558
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.9 17.1 25.7

