

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128369.D
 Acq On : 20 May 2022 17:39
 Operator : CG\JU
 Sample : N2939-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-WATER

Quant Time: May 23 02:39:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

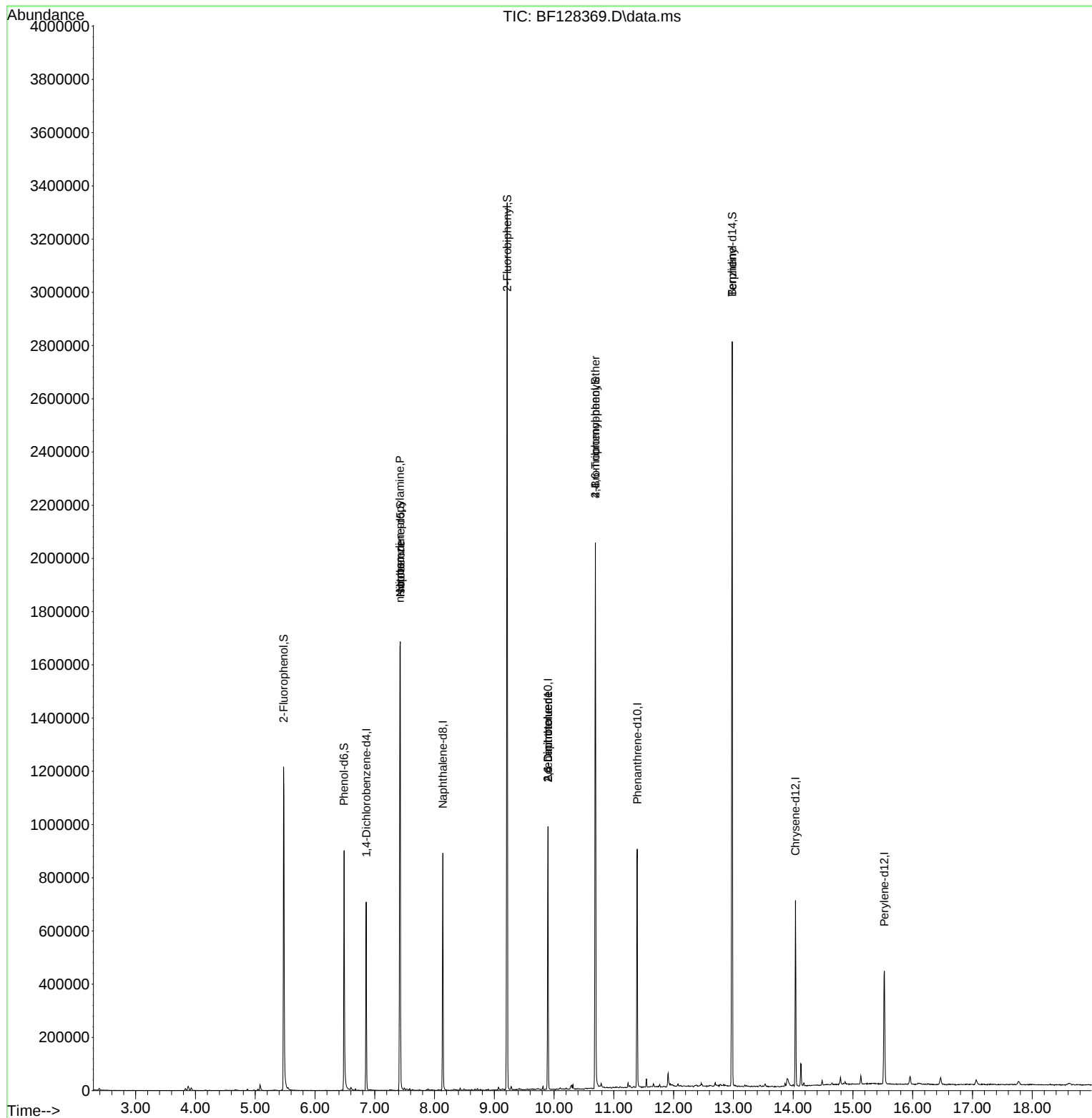
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92542	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	354586	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	192441	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	338287	20.000	ng	0.00
76) Chrysene-d12	14.039	240	219322	20.000	ng	-0.01
86) Perylene-d12	15.527	264	192174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	348609	59.948	ng	0.00
7) Phenol-d6	6.487	99	279770	36.536	ng	-0.01
23) Nitrobenzene-d5	7.428	82	626448	79.157	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	232429	117.114	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	962621	81.802	ng	0.00
79) Terphenyl-d14	12.980	244	974374	85.762	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	219	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.422	70	83446	18.221	ng	# 80
25) Isophorone	7.428	82	626443	51.653	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	24979	9.317	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	24979	7.395	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	14280	4.034	ng	# 1
77) Benzydine	12.980	184	14129	3.097	ng	# 93

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

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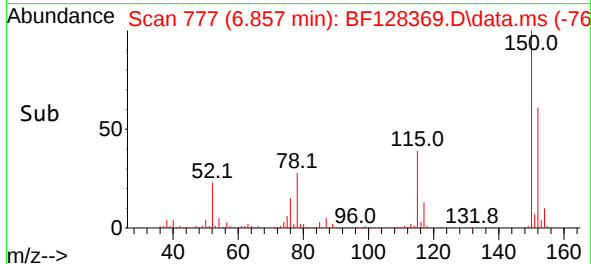
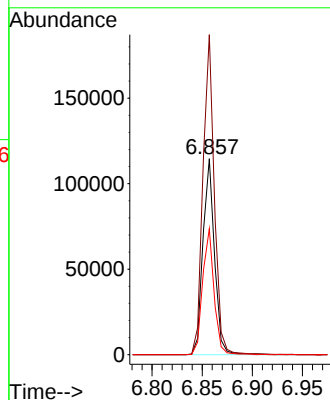
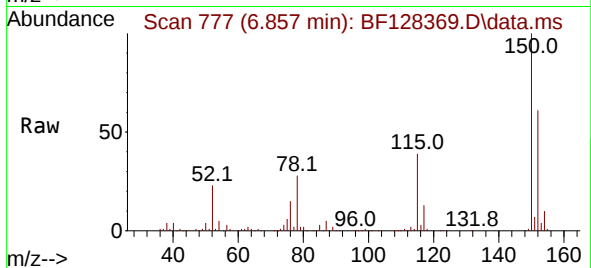




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

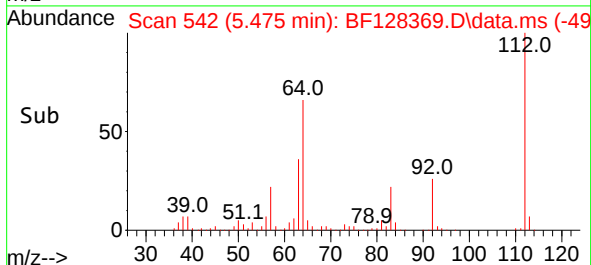
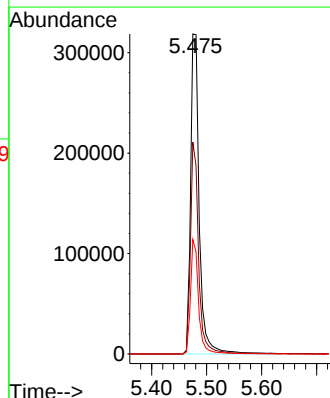
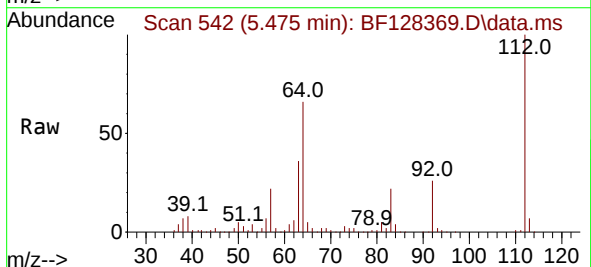
Instrument :
BNA_F
ClientSampleId :
B3-WATER

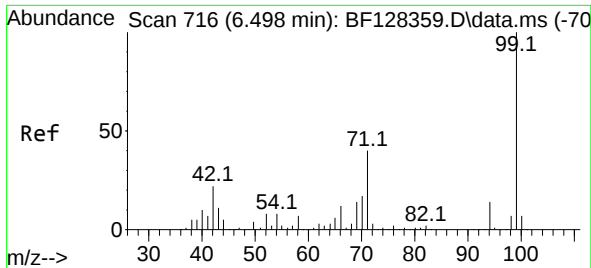
Tgt Ion:152 Resp: 92542
Ion Ratio Lower Upper
152 100
150 163.2 125.3 187.9
115 64.3 48.8 73.2



#5
2-Fluorophenol
Concen: 59.948 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

Tgt Ion:112 Resp: 348609
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 35.8 26.3 39.5

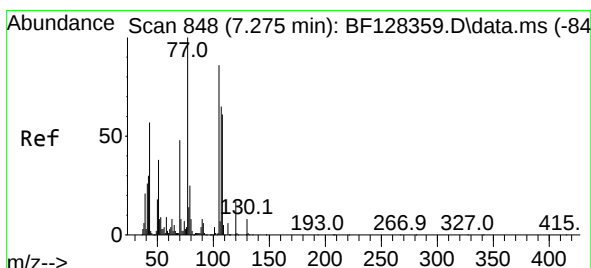
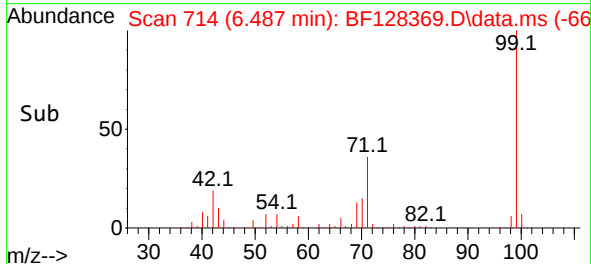
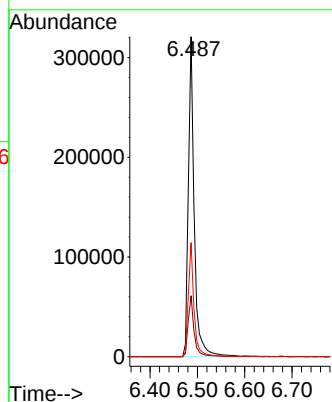
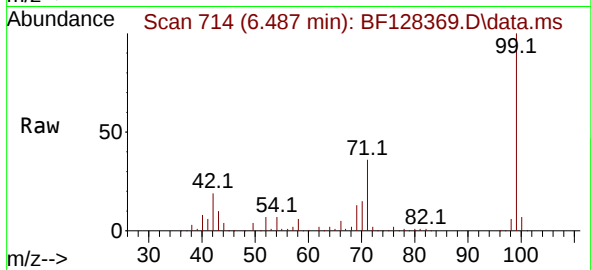




#7
Phenol-d6
Concen: 36.536 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

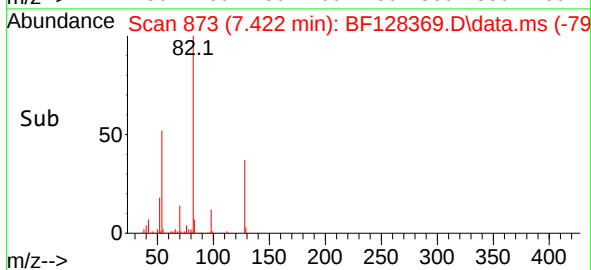
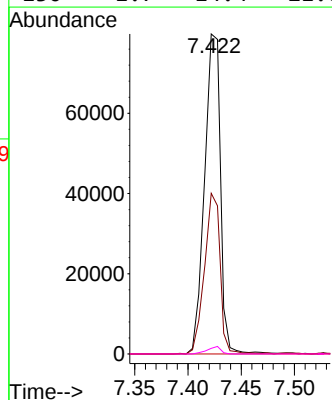
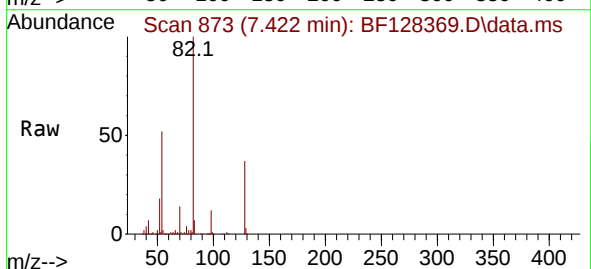
Instrument :
BNA_F
ClientSampleId :
B3-WATER

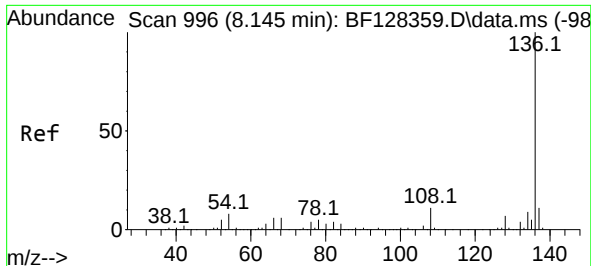
Tgt Ion: 99 Resp: 279770
Ion Ratio Lower Upper
99 100
42 19.1 16.6 24.8
71 35.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.221 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

Tgt Ion: 70 Resp: 83446
Ion Ratio Lower Upper
70 100
42 50.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

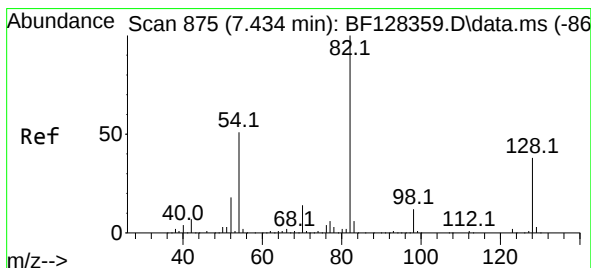
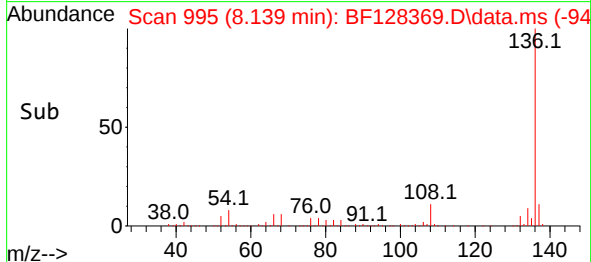
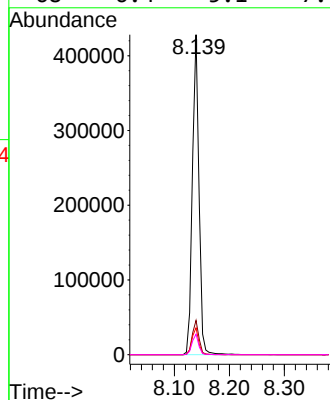
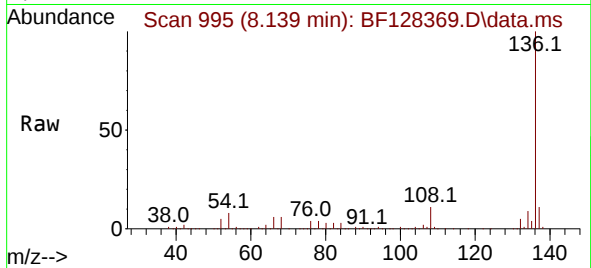




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

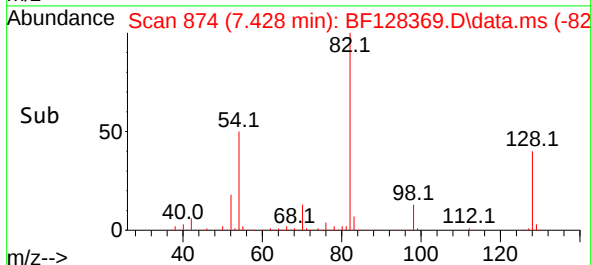
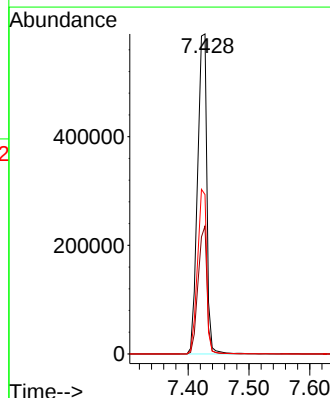
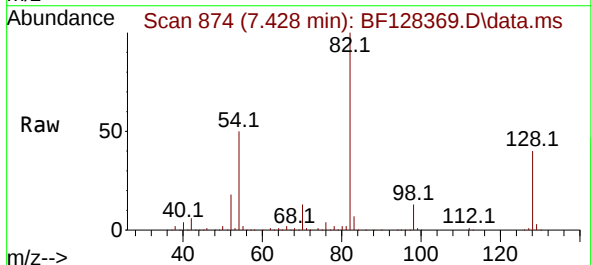
Instrument :
BNA_F
ClientSampleId :
B3-WATER

Tgt Ion:136	Resp: 354586
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.4	6.8 10.2
68 6.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 79.157 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

Tgt Ion: 82	Resp: 626448
Ion Ratio	Lower Upper
82 100	
128 39.9	30.0 45.0
54 49.8	41.3 61.9

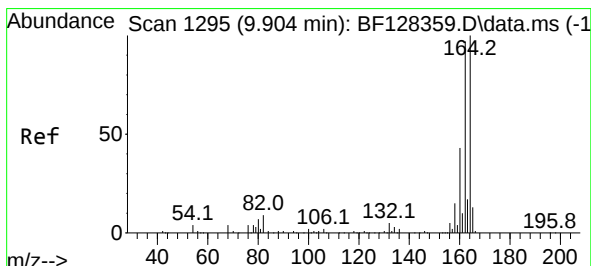
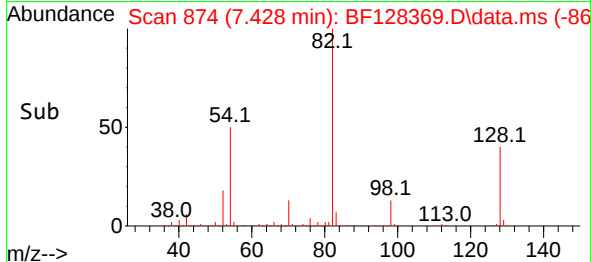
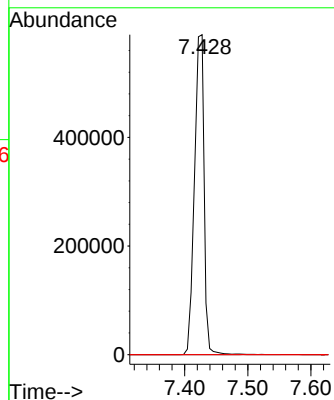
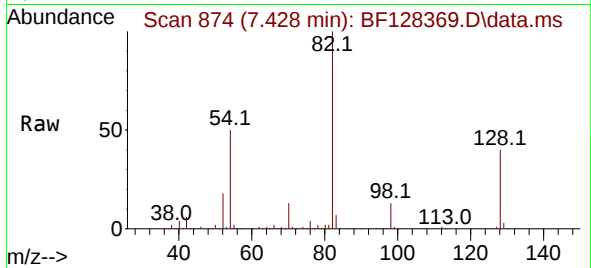




#25
Isophorone
Concen: 51.653 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

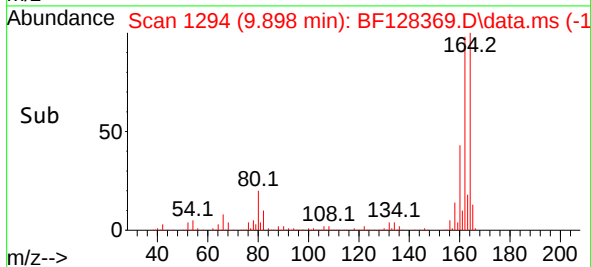
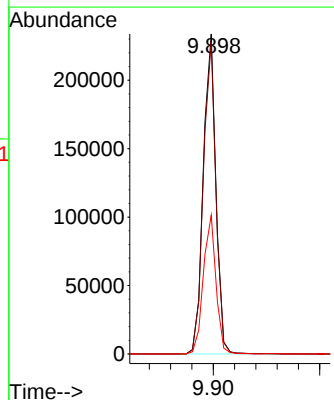
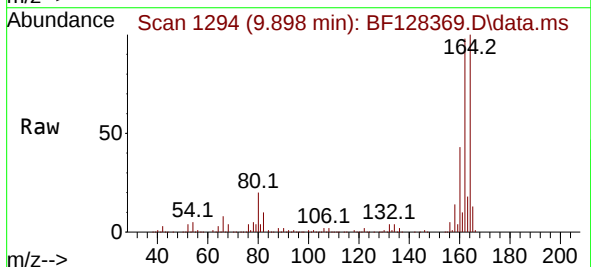
Instrument :
BNA_F
ClientSampleId :
B3-WATER

Tgt Ion: 82 Resp: 626443
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

Tgt Ion:164 Resp: 192441
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 117.114 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

Instrument :

BNA_F

ClientSampleId :

B3-WATER

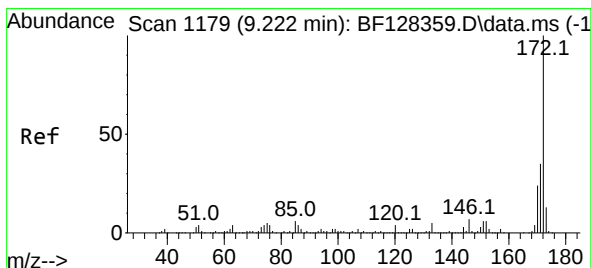
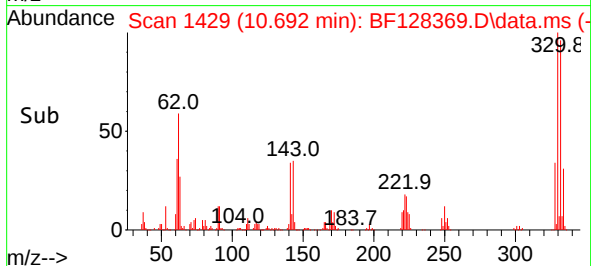
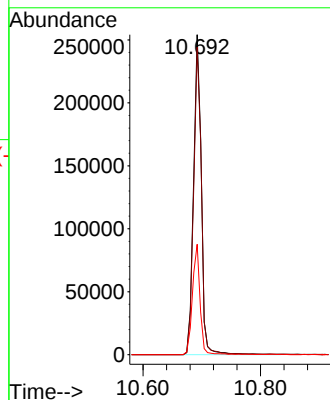
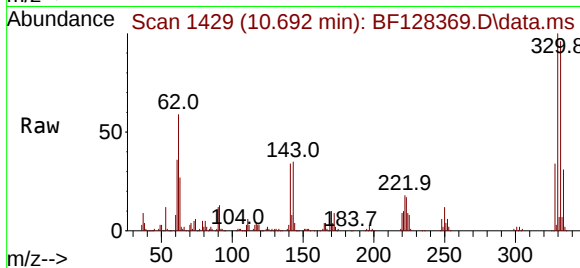
Tgt Ion:330 Resp: 232429

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 81.802 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

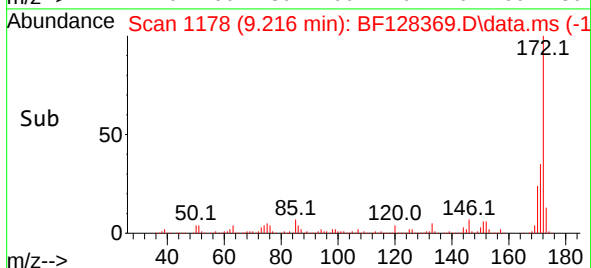
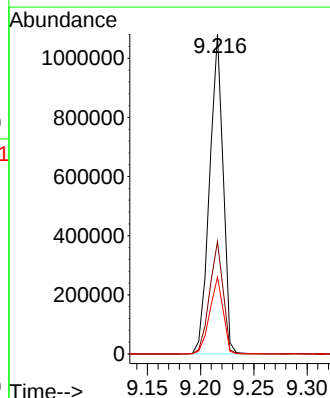
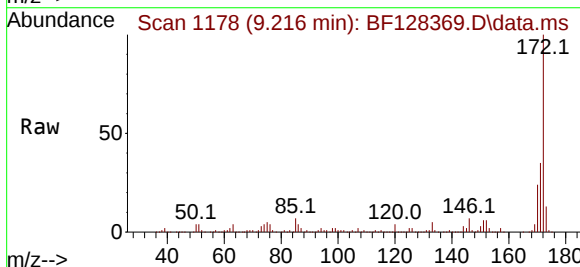
Tgt Ion:172 Resp: 962621

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.0 19.1 28.7

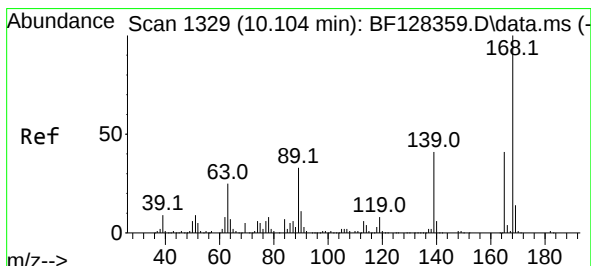
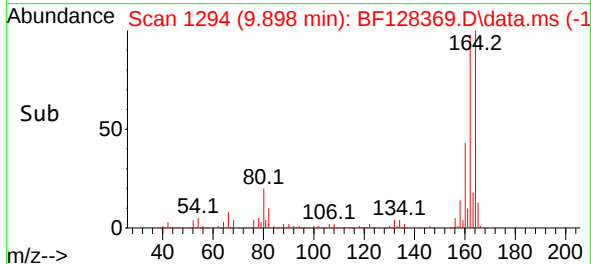
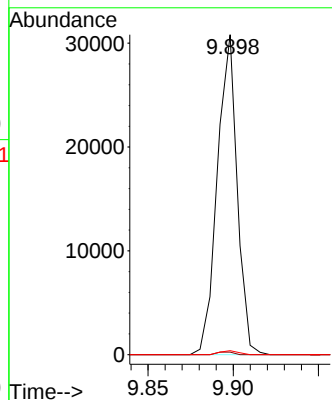
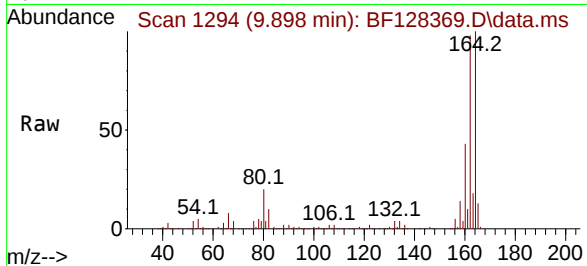




#51
2,6-Dinitrotoluene
Concen: 9.317 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

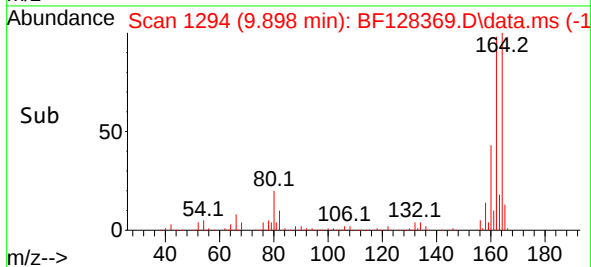
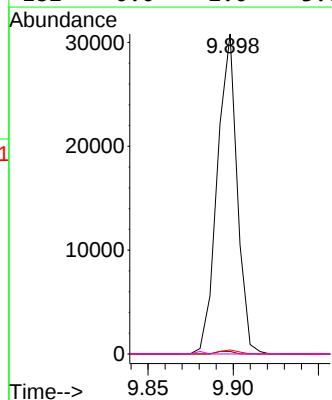
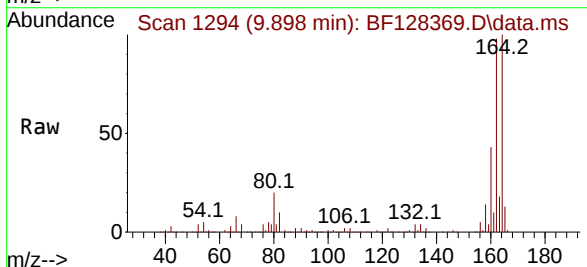
Instrument :
BNA_F
ClientSampleId :
B3-WATER

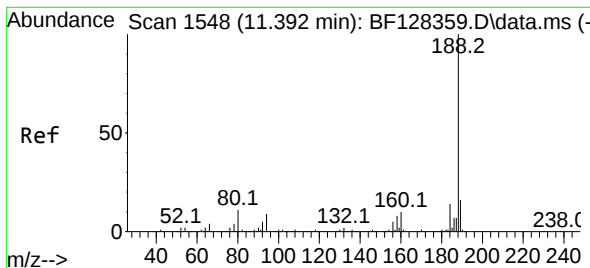
Tgt Ion:165 Resp: 24979
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.395 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

Tgt Ion:165 Resp: 24979
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

Instrument :

BNA_F

ClientSampleId :

B3-WATER

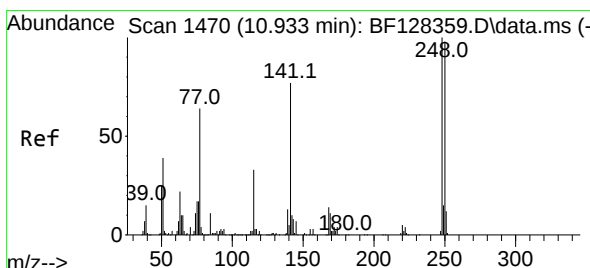
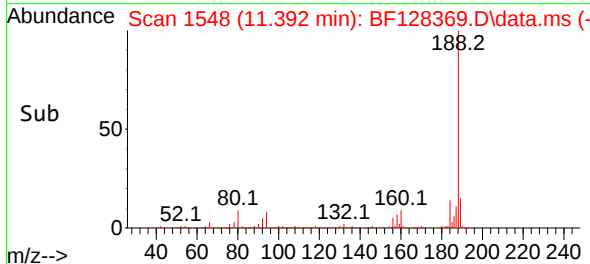
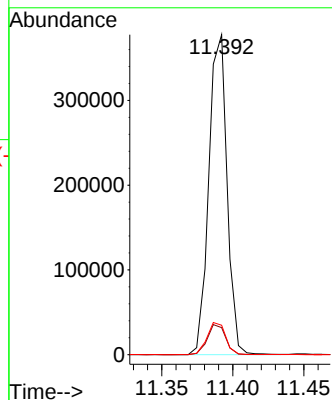
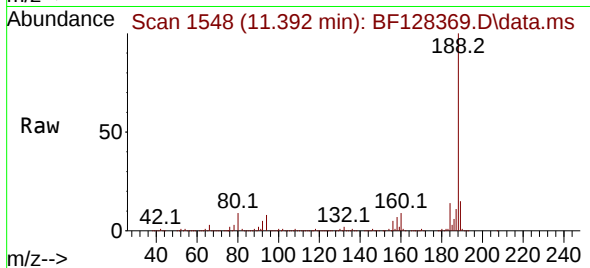
Tgt Ion:188 Resp: 338287

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

80 9.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.034 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

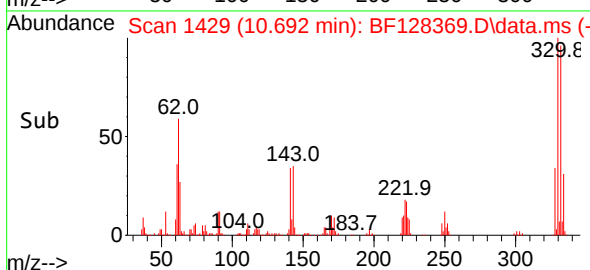
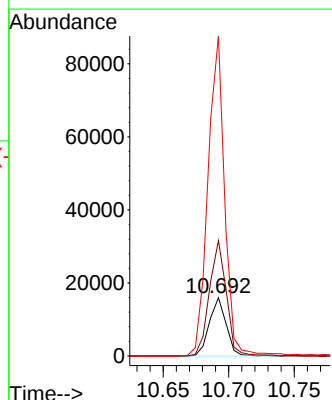
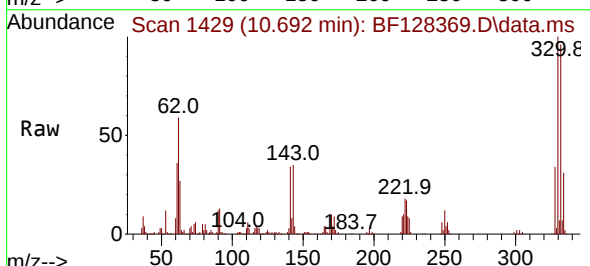
Tgt Ion:248 Resp: 14280

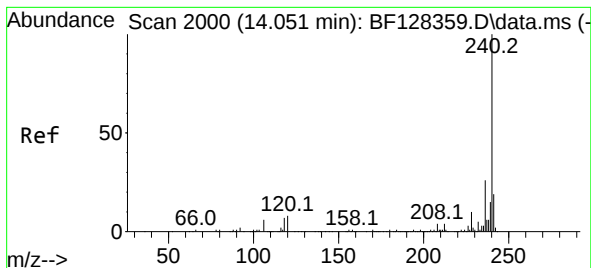
Ion Ratio Lower Upper

248 100

250 198.5 77.7 116.5#

141 549.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

Instrument :

BNA_F

ClientSampleId :

B3-WATER

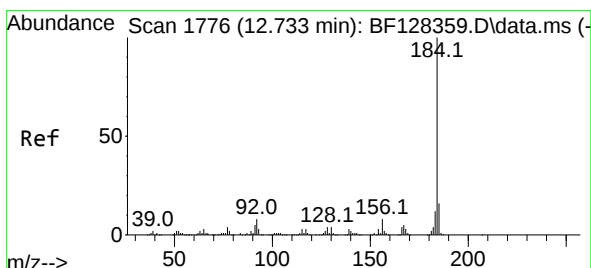
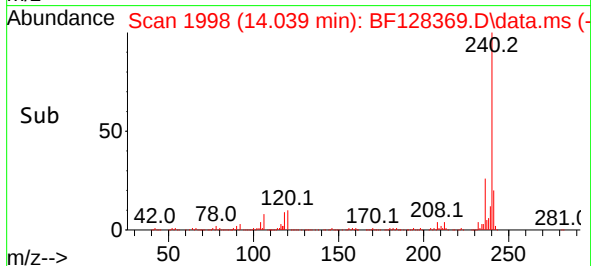
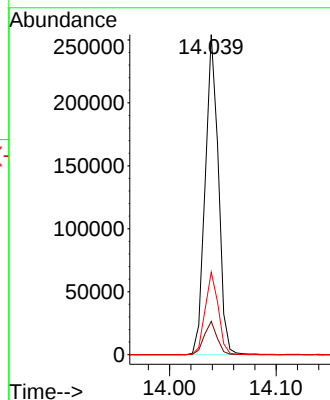
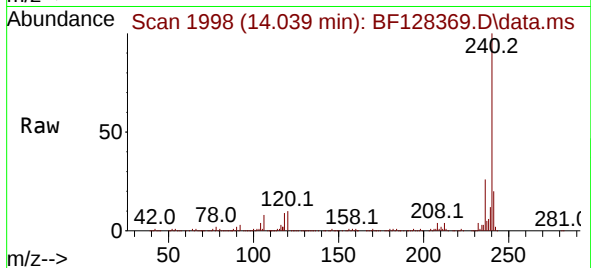
Tgt Ion:240 Resp: 219322

Ion Ratio Lower Upper

240 100

120 10.4 7.0 10.6

236 25.8 20.3 30.5



#77

Benzidine

Concen: 3.097 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

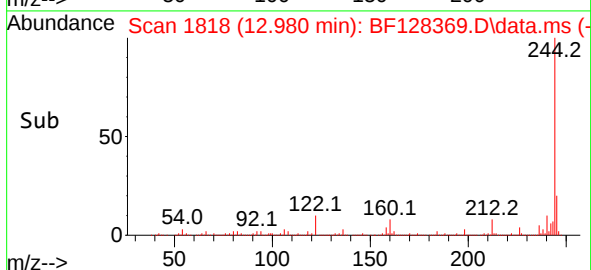
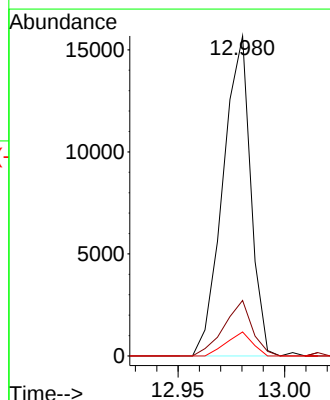
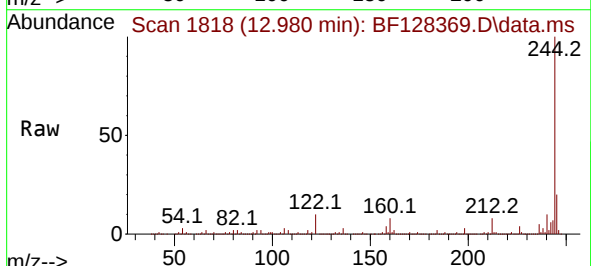
Tgt Ion:184 Resp: 14129

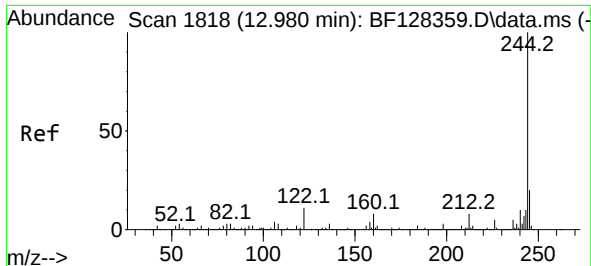
Ion Ratio Lower Upper

184 100

185 17.4 12.1 18.1

183 7.5 9.0 13.4#

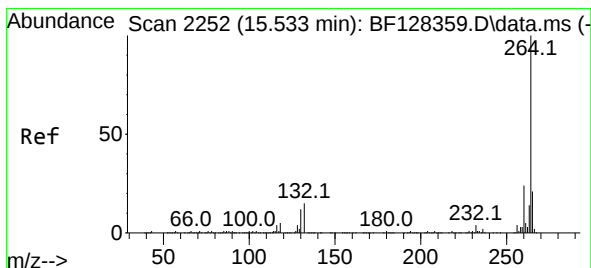
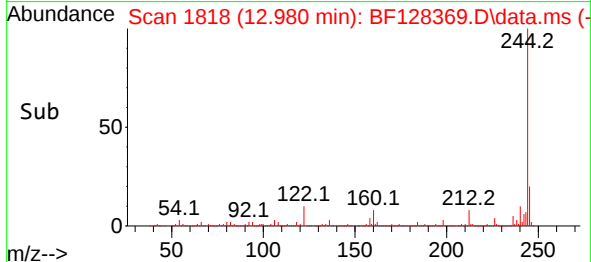
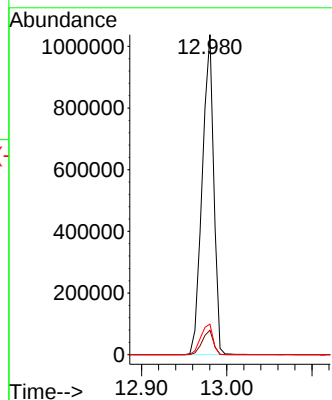
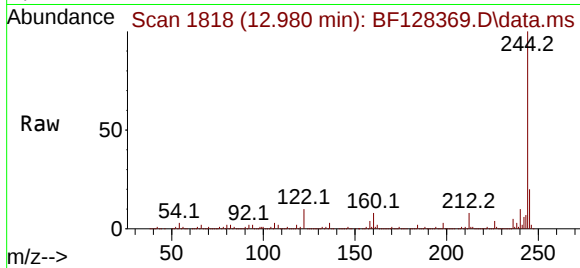




#79
 Terphenyl-d14
 Concen: 85.762 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128369.D
 Acq: 20 May 2022 17:39

Instrument :
 BNA_F
 ClientSampleId :
 B3-WATER

Tgt Ion:244 Resp: 974374
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128369.D
 Acq: 20 May 2022 17:39

Tgt Ion:264 Resp: 192174
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.5 26.3

