

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128373.D
 Acq On : 20 May 2022 19:38
 Operator : CG\JU
 Sample : N2943-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: May 23 02:39:34 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)

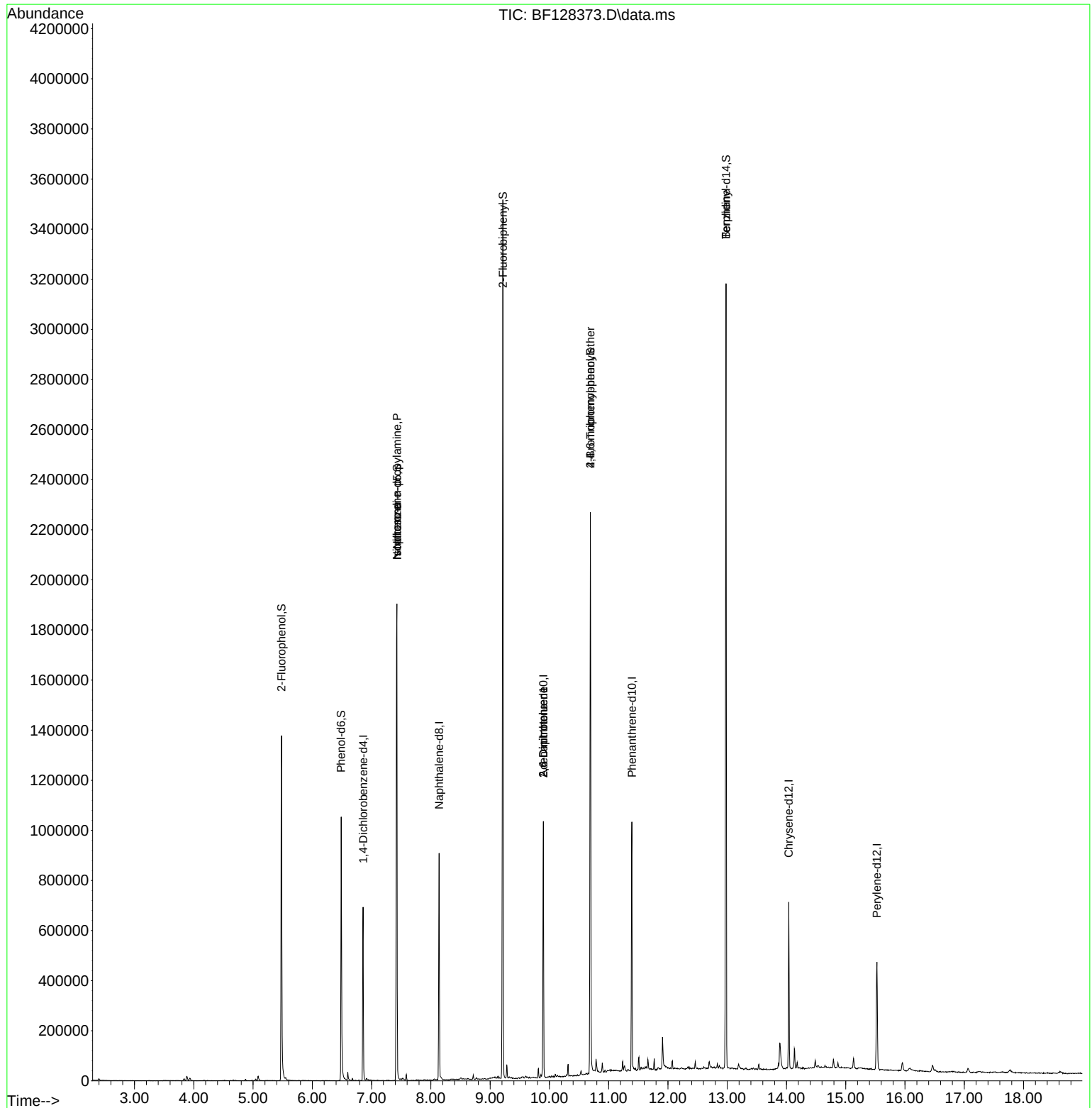
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	97918	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	375790	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	210258	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	362241	20.000	ng	0.00
76) Chrysene-d12	14.039	240	214306	20.000	ng	-0.01
86) Perylene-d12	15.527	264	192509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	388411	63.125	ng	0.00
7) Phenol-d6	6.487	99	325385	40.160	ng	-0.01
23) Nitrobenzene-d5	7.428	82	694862	82.848	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	265510	122.446	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1096747	85.302	ng	0.00
79) Terphenyl-d14	12.980	244	1081140	97.387	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	58	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	93934	19.385	ng	# 77
25) Isophorone	7.428	82	694854	54.061	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	27549	9.405	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	27549	7.465	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	15624	4.121	ng	# 1
77) Benizidine	12.980	184	16563	3.716	ng	# 91

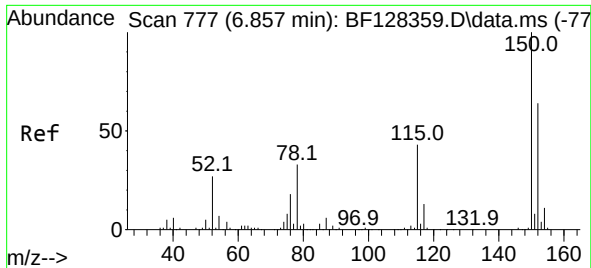
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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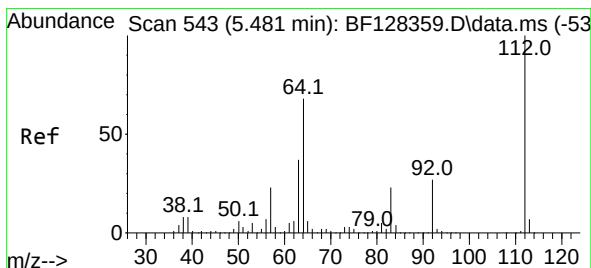
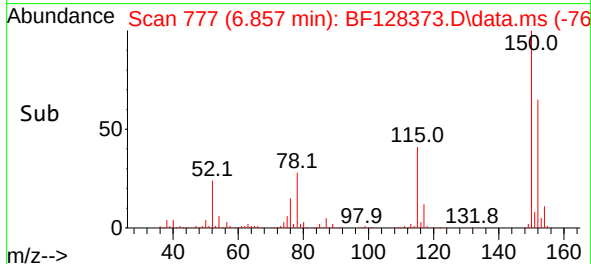
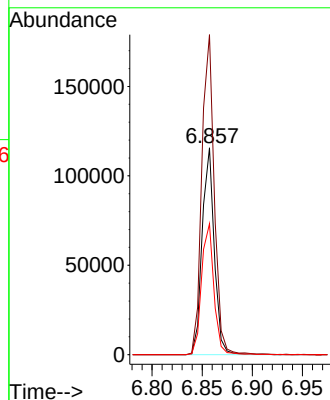
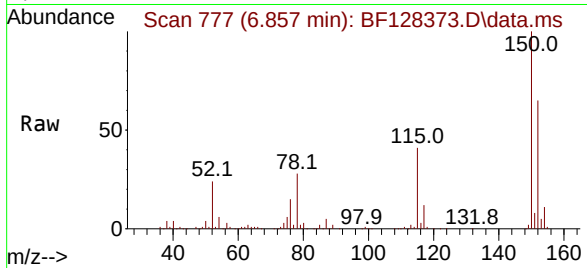




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

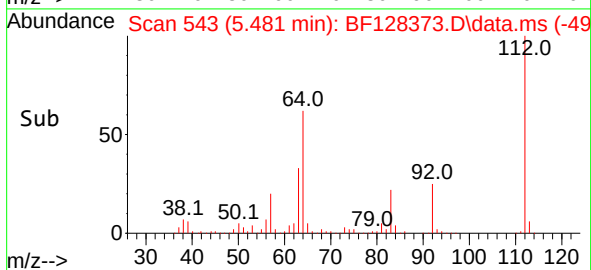
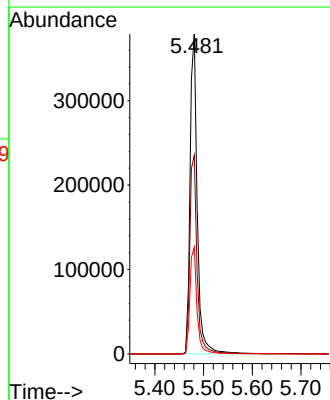
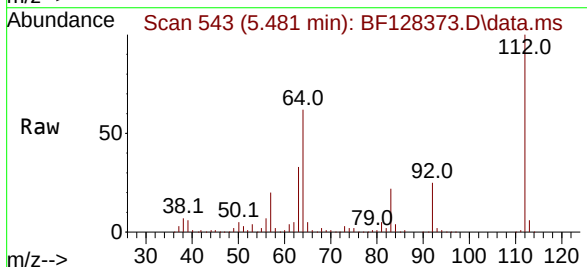
Instrument :
BNA_F
ClientSampleId :
MW-14

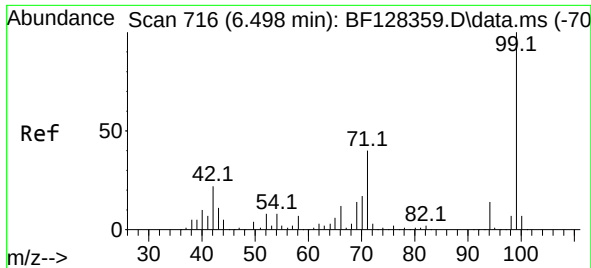
Tgt Ion:152 Resp: 97918
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 63.3 48.8 73.2



#5
2-Fluorophenol
Concen: 63.125 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

Tgt Ion:112 Resp: 388411
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 33.4 26.3 39.5

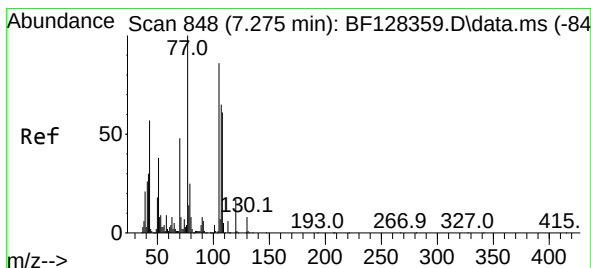
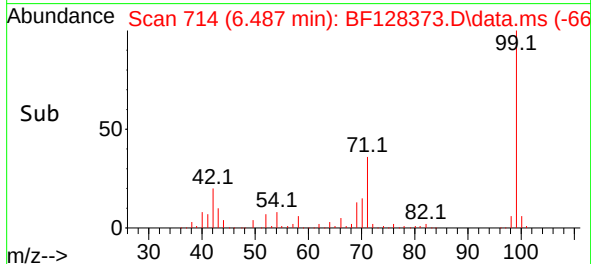
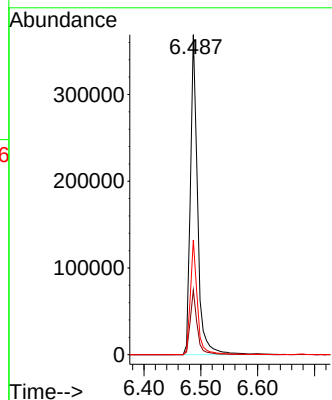
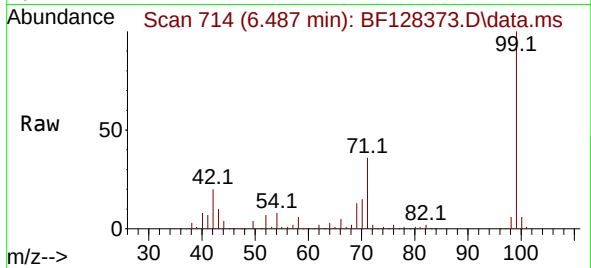




#7
Phenol-d6
Concen: 40.160 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

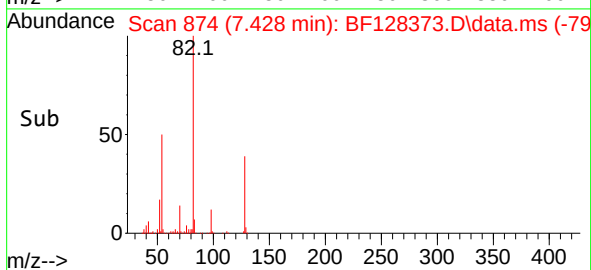
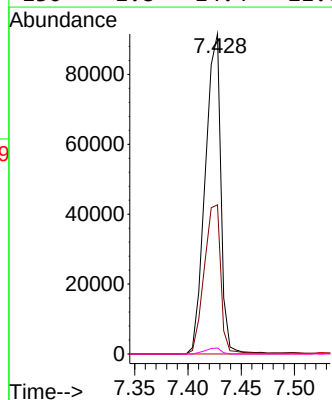
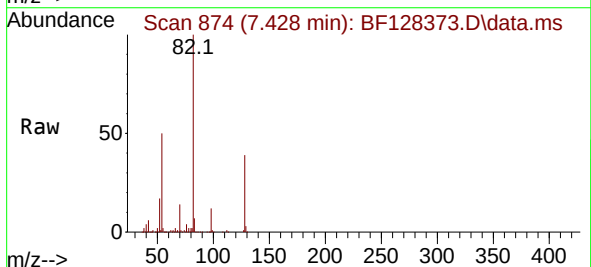
Instrument :
BNA_F
ClientSampleId :
MW-14

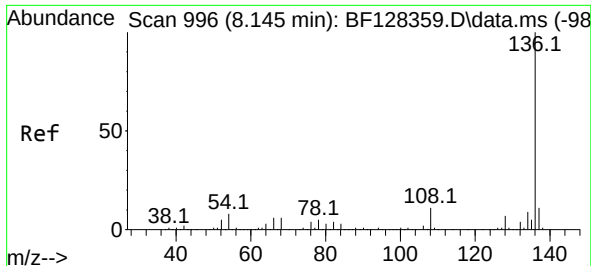
Tgt Ion: 99 Resp: 325385
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 35.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.385 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

Tgt Ion: 70 Resp: 93934
Ion Ratio Lower Upper
70 100
42 46.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

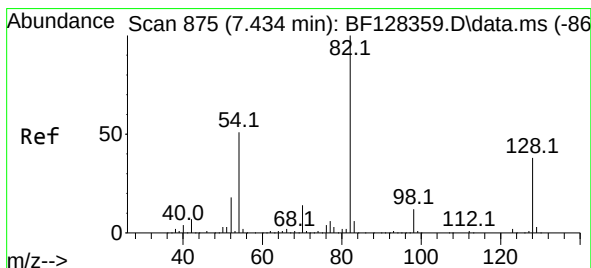
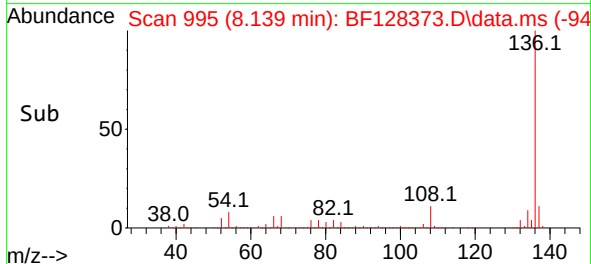
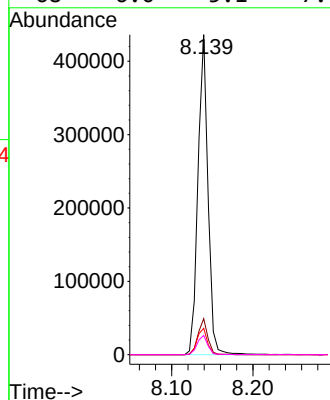
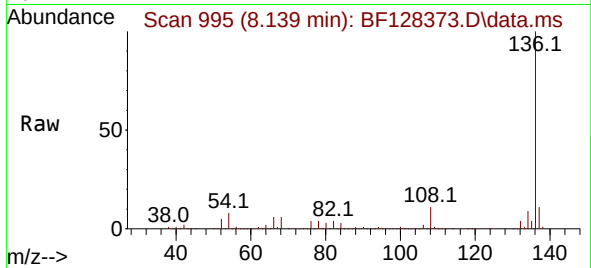




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

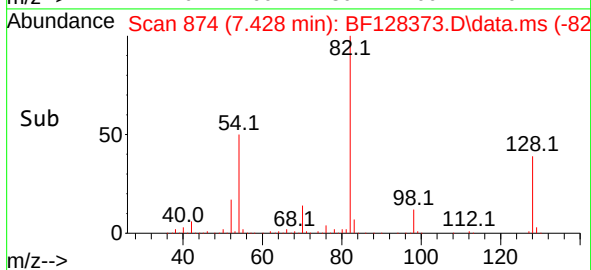
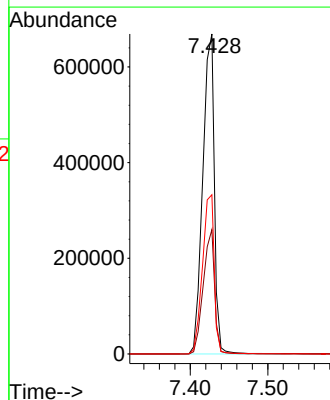
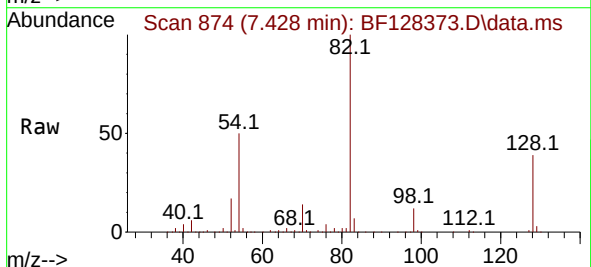
Instrument :
BNA_F
ClientSampleId :
MW-14

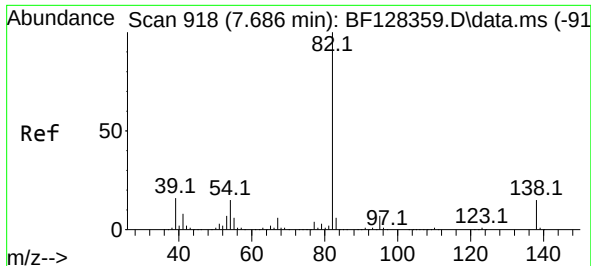
Tgt Ion:	136	Resp:	375790
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.2	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 82.848 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

Tgt Ion:	82	Resp:	694862
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.0	45.0
54	49.8	41.3	61.9

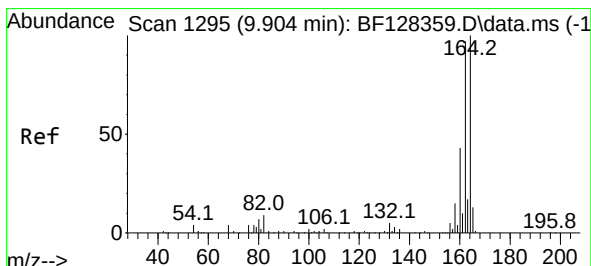
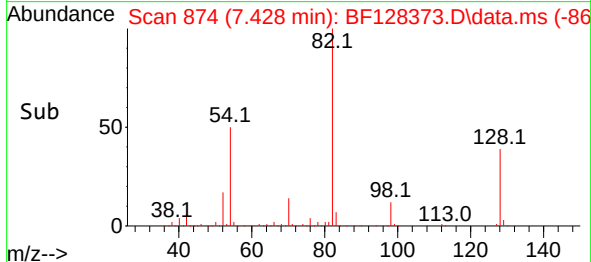
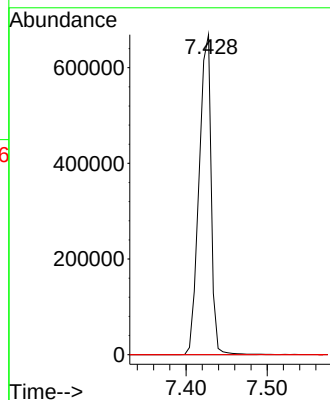
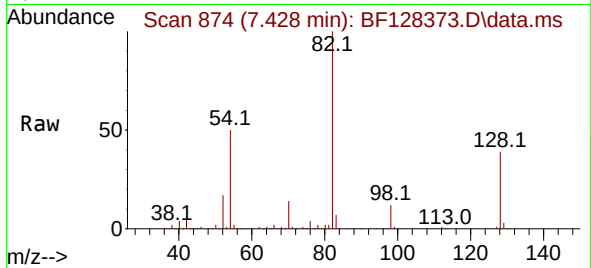




#25
Isophorone
Concen: 54.061 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

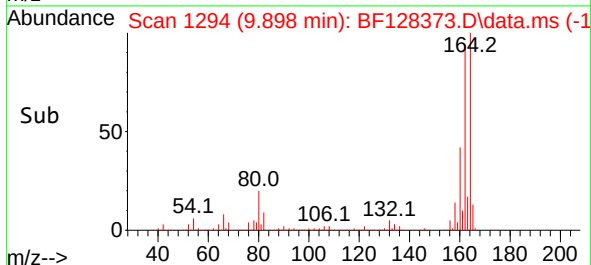
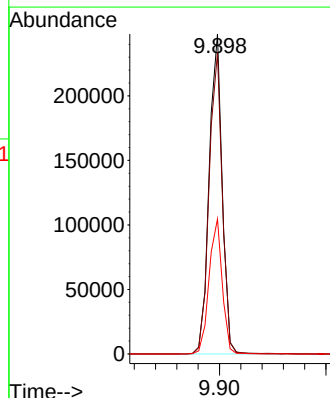
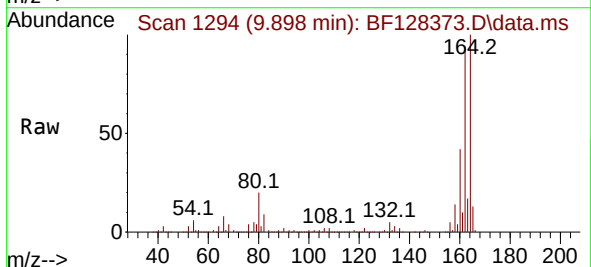
Instrument :
BNA_F
ClientSampleId :
MW-14

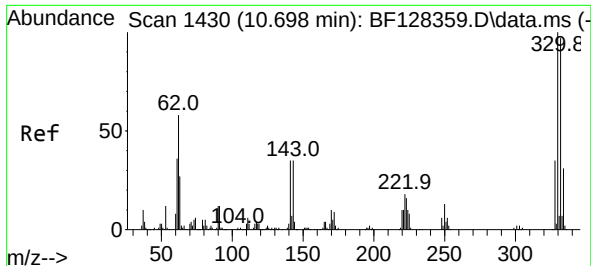
Tgt Ion: 82 Resp: 694854
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128373.D
Acq: 20 May 2022 19:38

Tgt Ion:164 Resp: 210258
Ion Ratio Lower Upper
164 100
162 94.1 76.0 114.0
160 42.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 122.446 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

MW-14

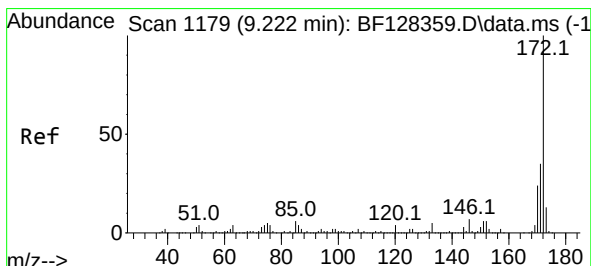
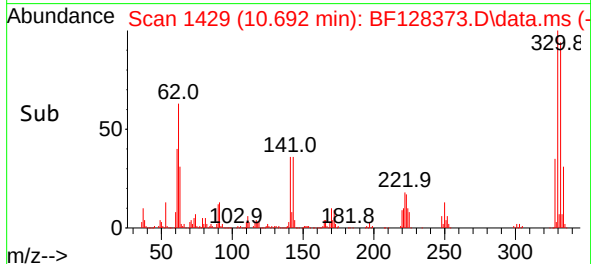
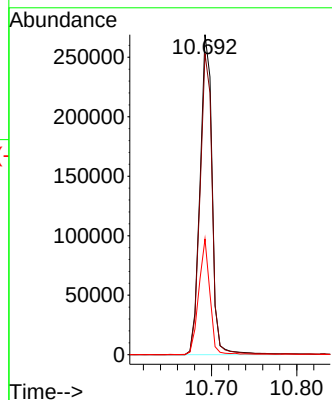
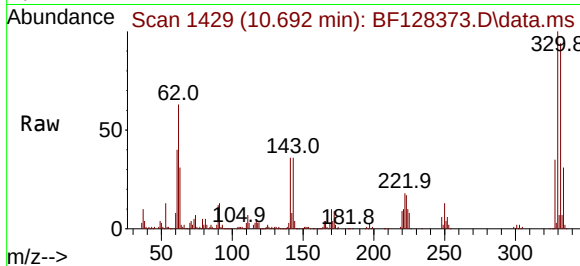
Tgt Ion:330 Resp: 265510

Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.302 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

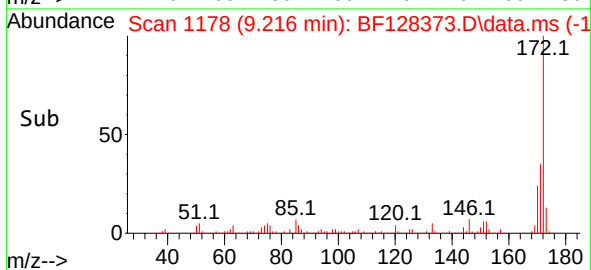
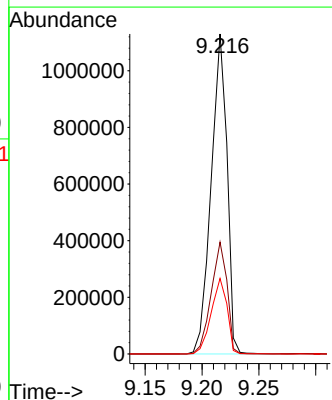
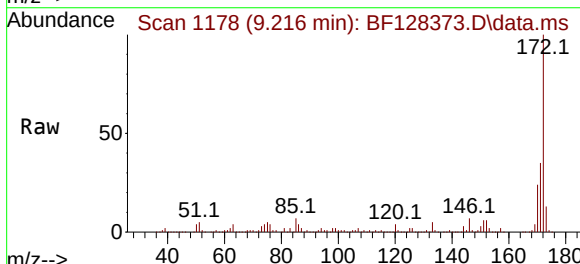
Tgt Ion:172 Resp: 1096747

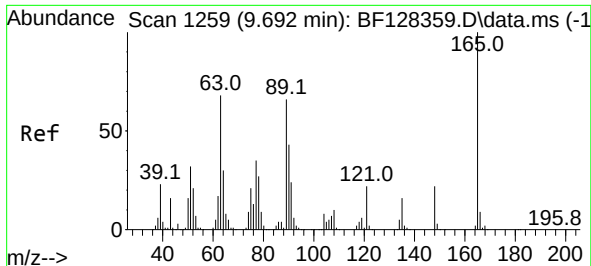
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.405 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

MW-14

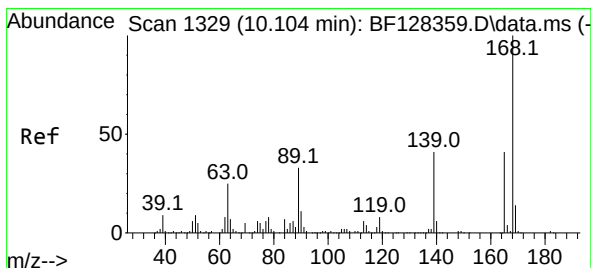
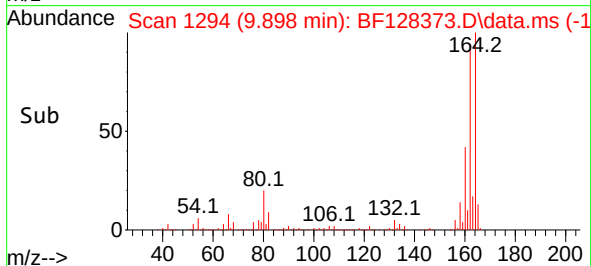
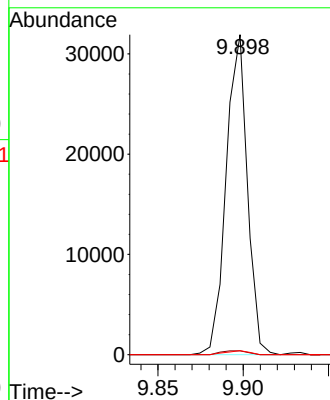
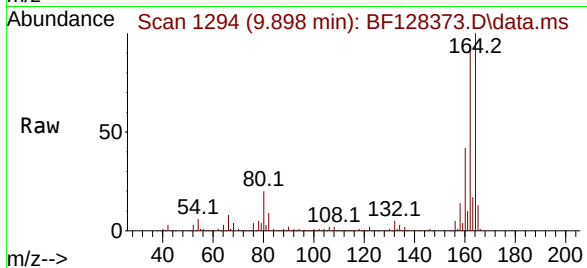
Tgt Ion:165 Resp: 27549

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.465 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

Tgt Ion:165 Resp: 27549

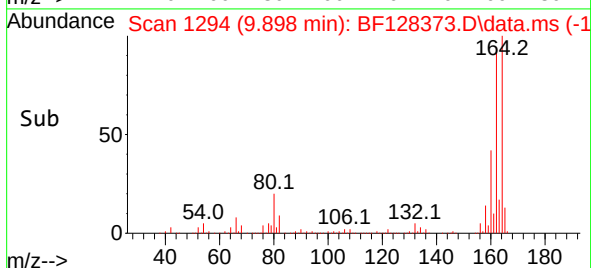
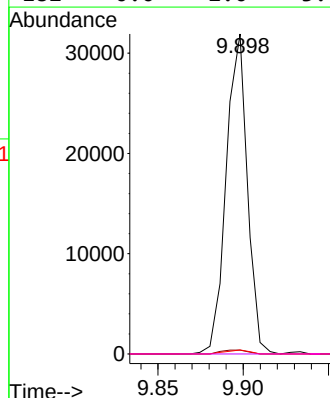
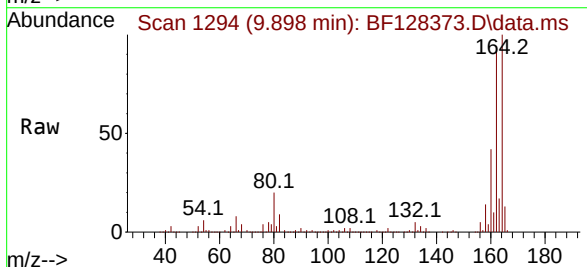
Ion Ratio Lower Upper

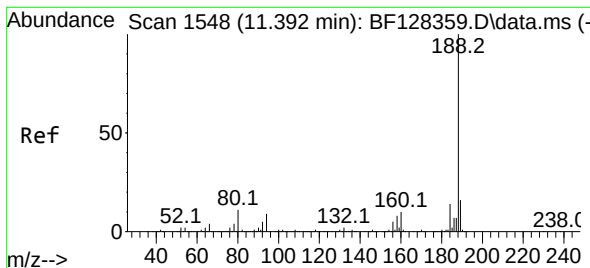
165 100

63 1.2 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# 1

Delta R.T. 0.000 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

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MW-14

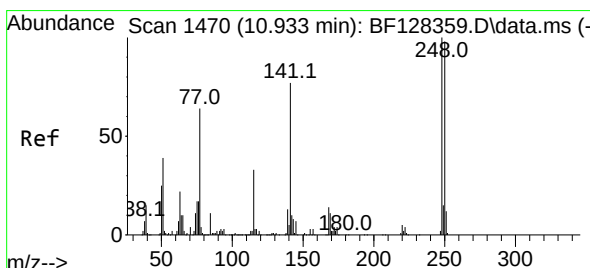
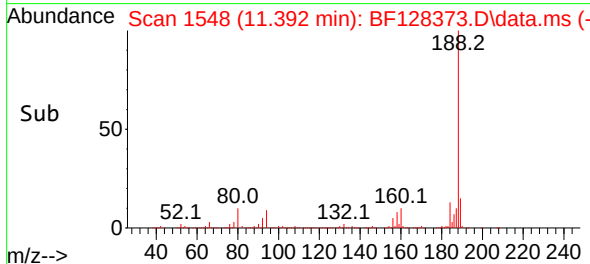
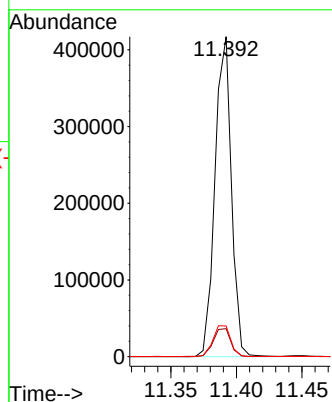
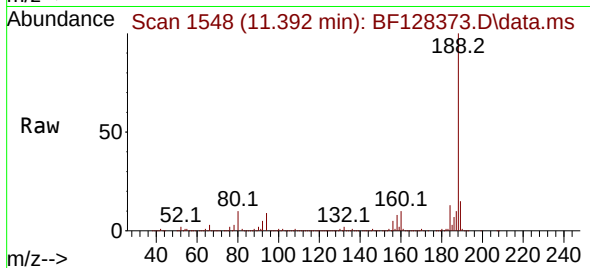
Tgt Ion:188 Resp: 362241

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 9.6 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.121 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

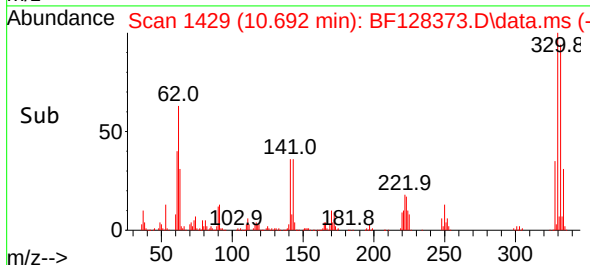
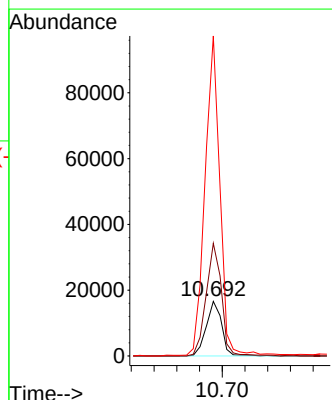
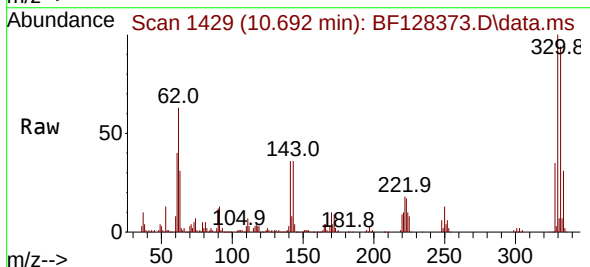
Tgt Ion:248 Resp: 15624

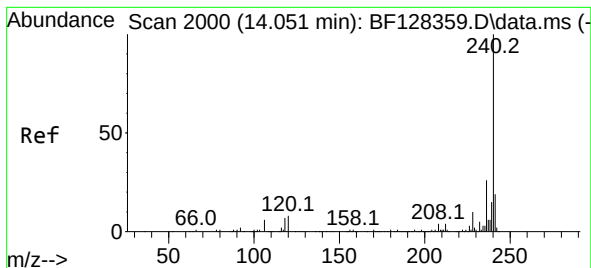
Ion Ratio Lower Upper

248 100

250 206.5 77.7 116.5#

141 586.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1818

Delta R.T. -0.012 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

Instrument :

BNA_F

ClientSampleId :

MW-14

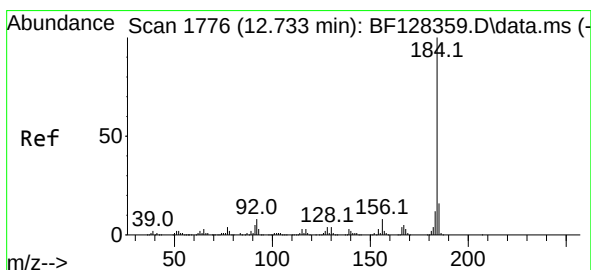
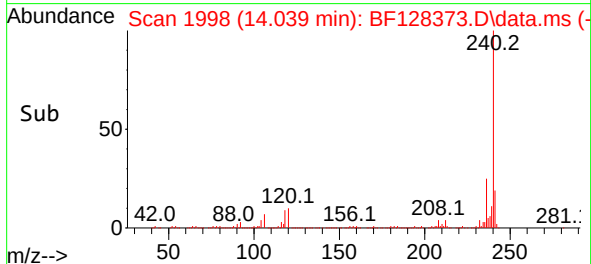
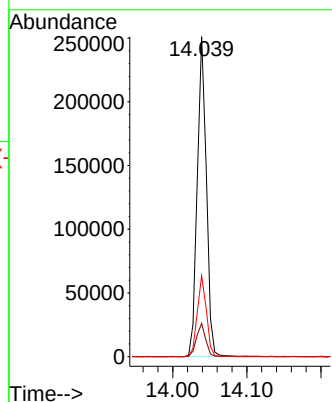
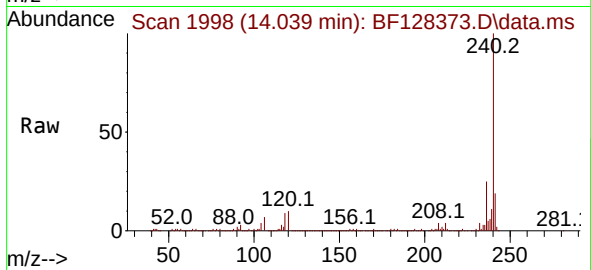
Tgt Ion:240 Resp: 214306

Ion Ratio Lower Upper

240 100

120 10.4 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 3.716 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128373.D

Acq: 20 May 2022 19:38

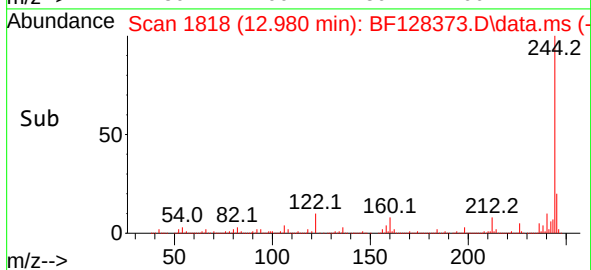
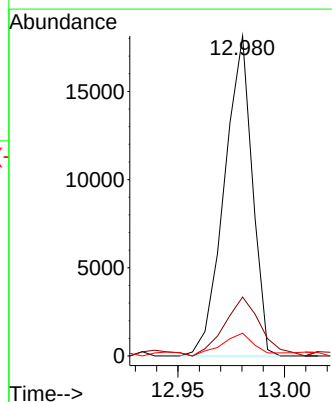
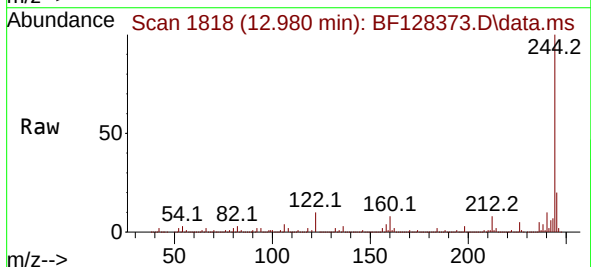
Tgt Ion:184 Resp: 16563

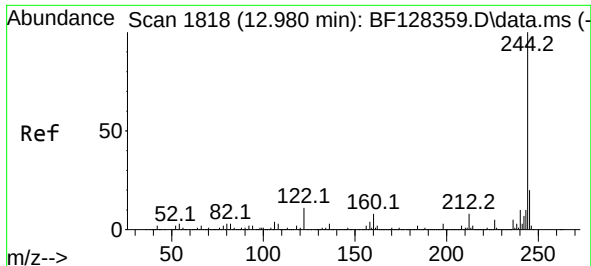
Ion Ratio Lower Upper

184 100

185 18.4 12.1 18.1#

183 7.1 9.0 13.4#

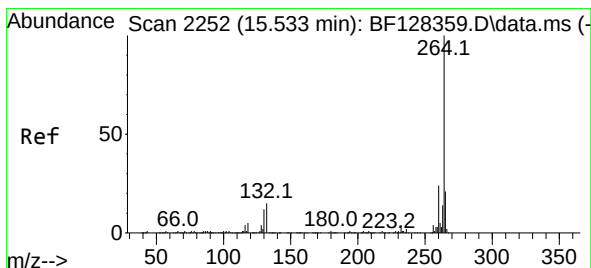
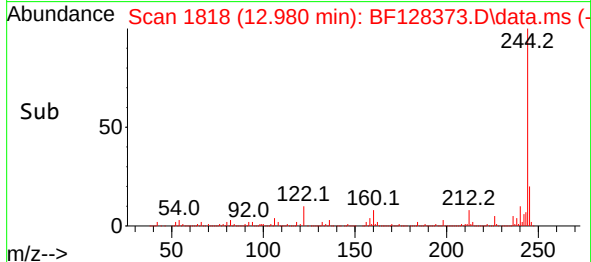
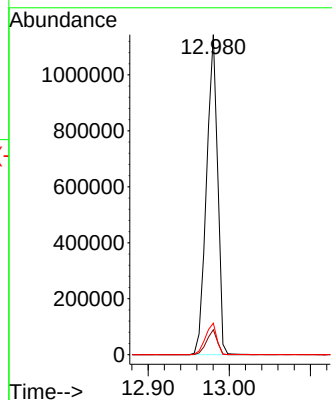
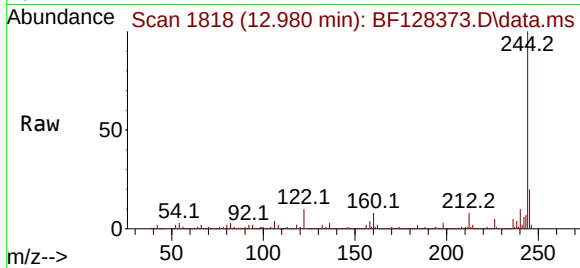




#79
 Terphenyl-d14
 Concen: 97.387 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128373.D
 Acq: 20 May 2022 19:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:244 Resp: 1081140
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.9 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: BF128373.D
 Acq: 20 May 2022 19:38

Tgt Ion:264 Resp: 192509
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.9 17.5 26.3

