

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128375.D
 Acq On : 20 May 2022 20:37
 Operator : CG\JU
 Sample : N2943-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

Quant Time: May 23 02:39:47 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)

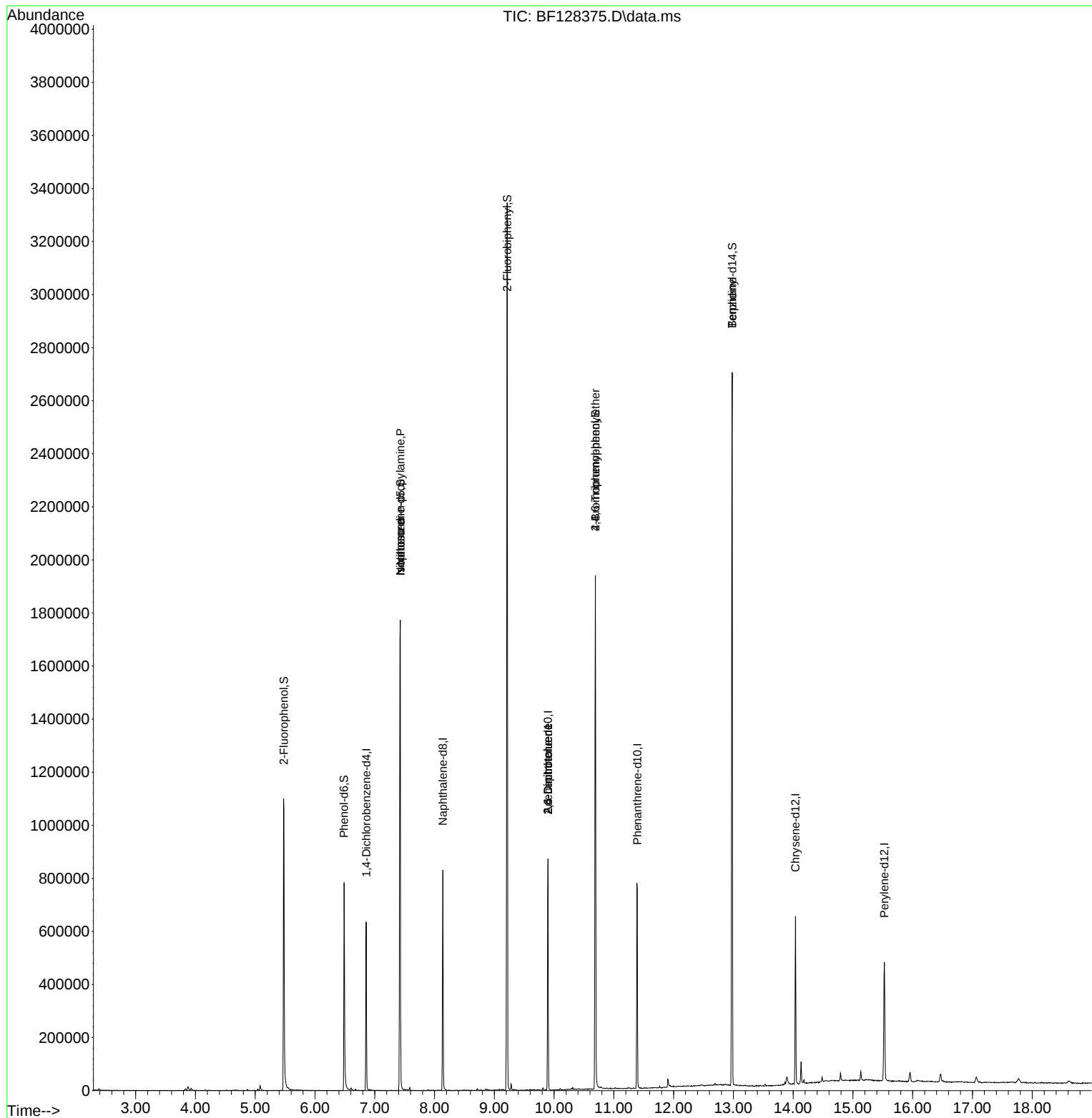
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86837	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	325918	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	176815	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	302667	20.000	ng	0.00
76) Chrysene-d12	14.039	240	198922	20.000	ng	-0.01
86) Perylene-d12	15.527	264	198420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	321983	59.007	ng	0.00
7) Phenol-d6	6.487	99	256473	35.694	ng	-0.01
23) Nitrobenzene-d5	7.428	82	640267	88.020	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	221612	121.532	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1004717	92.925	ng	0.00
79) Terphenyl-d14	12.980	244	937485	90.977	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	365	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	85687	19.939	ng	# 77
25) Isophorone	7.428	82	640263	57.436	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	22295	9.051	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	22295	7.184	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	13563	4.282	ng	# 1
77) Benizidine	12.980	184	14424	3.486	ng	# 95

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

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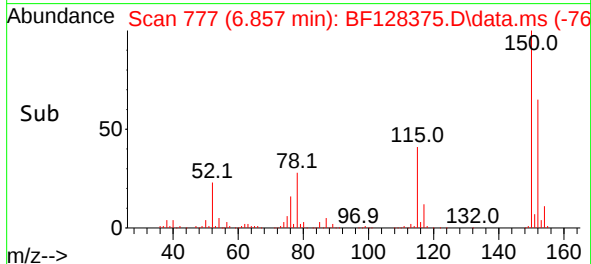
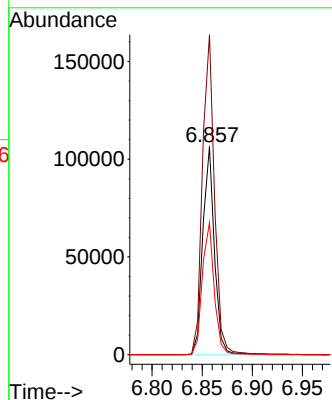
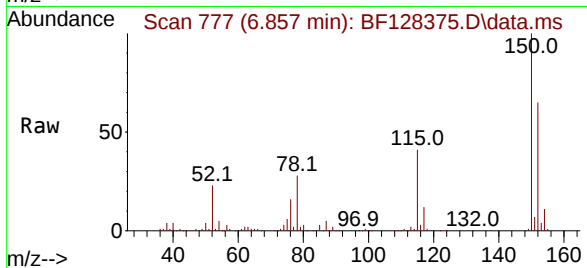




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

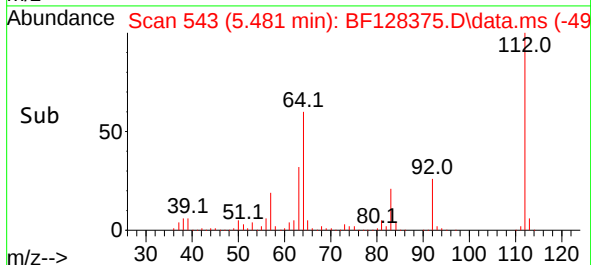
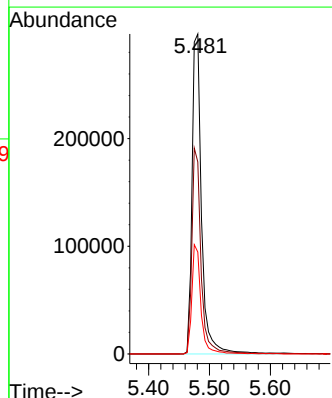
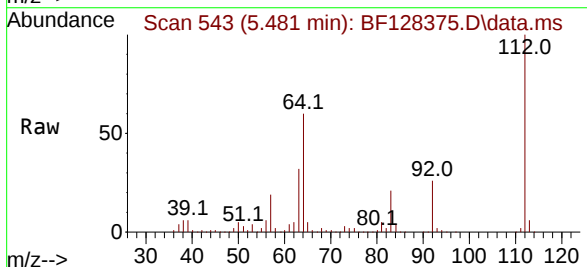
Instrument :
BNA_F
ClientSampleId :
MW-18R

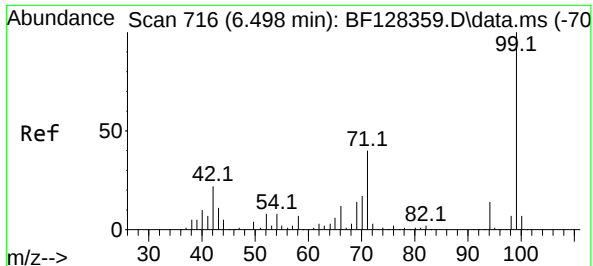
Tgt Ion:152 Resp: 86837
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 59.007 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

Tgt Ion:112 Resp: 321983
Ion Ratio Lower Upper
112 100
64 60.0 49.5 74.3
63 31.8 26.3 39.5

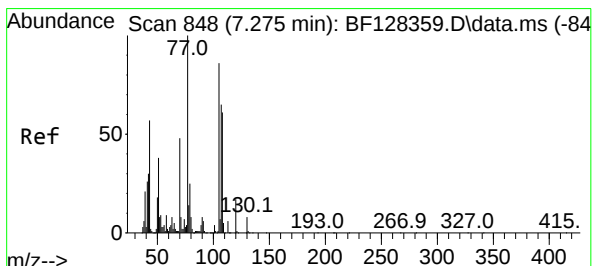
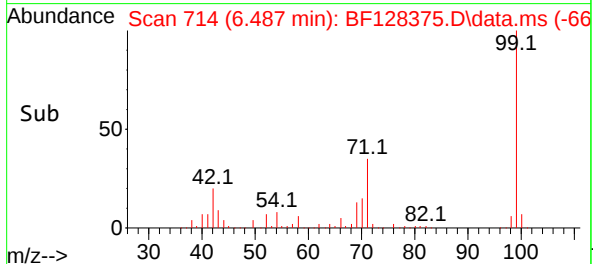
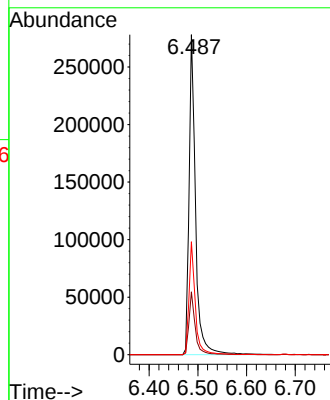
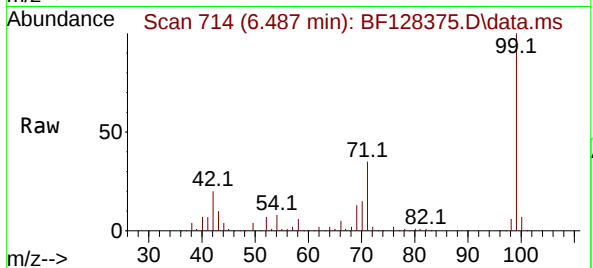




#7
Phenol-d6
Concen: 35.694 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

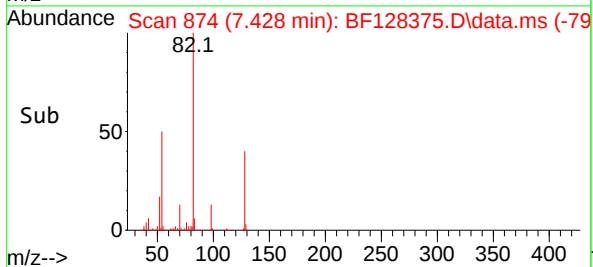
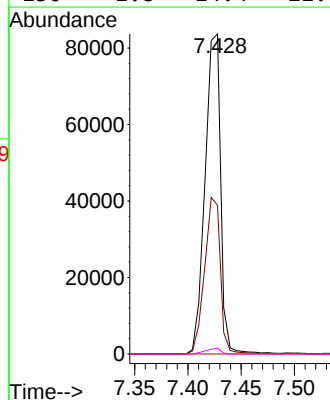
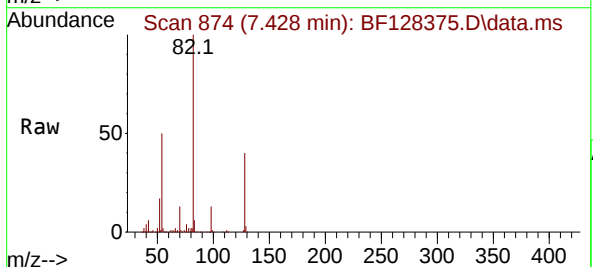
Instrument :
BNA_F
ClientSampleId :
MW-18R

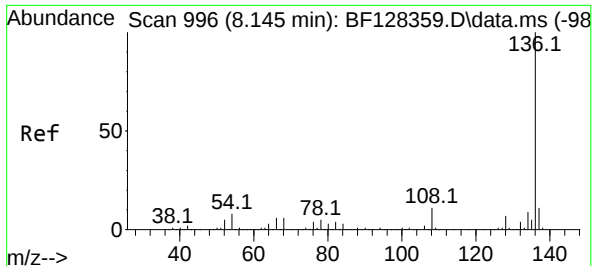
Tgt Ion: 99 Resp: 256473
Ion Ratio Lower Upper
99 100
42 19.6 16.6 24.8
71 35.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.939 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

Tgt Ion: 70 Resp: 85687
Ion Ratio Lower Upper
70 100
42 46.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

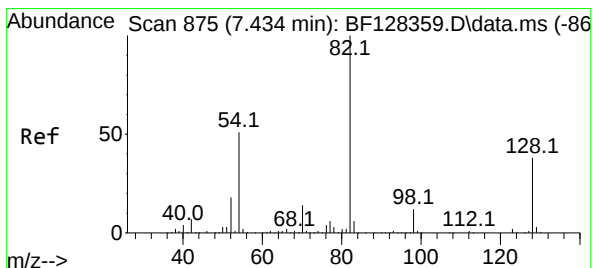
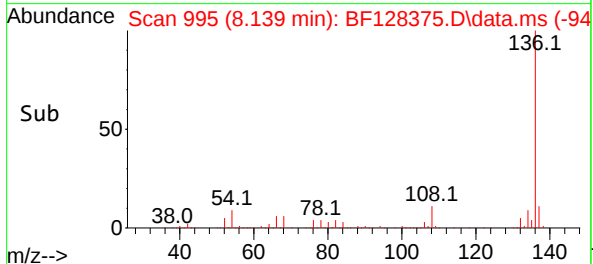
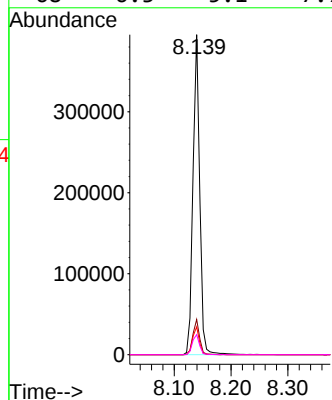
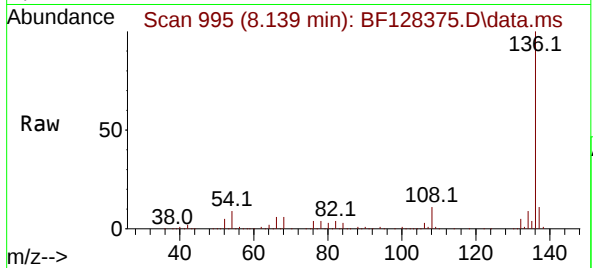




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

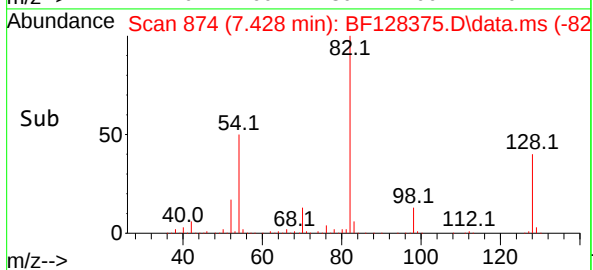
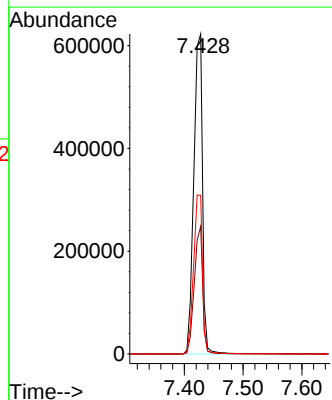
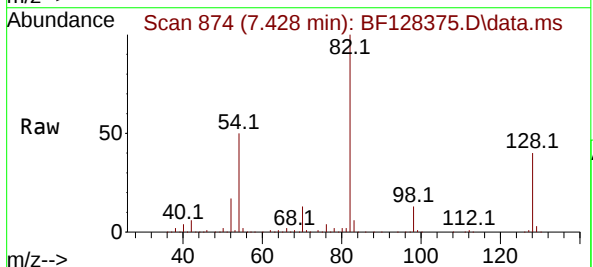
Instrument :
BNA_F
ClientSampleId :
MW-18R

Tgt Ion:136 Resp: 325918
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.020 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

Tgt Ion: 82 Resp: 640267
Ion Ratio Lower Upper
82 100
128 39.8 30.0 45.0
54 49.6 41.3 61.9

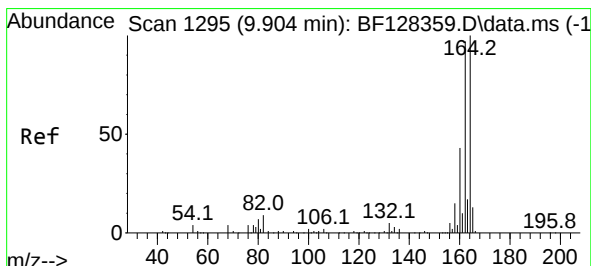
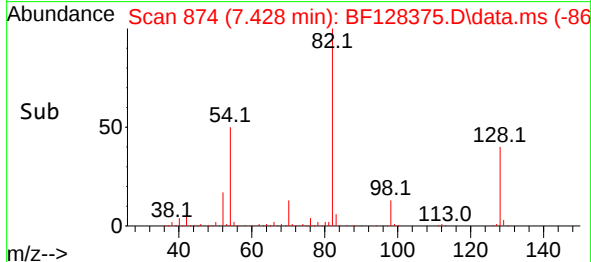
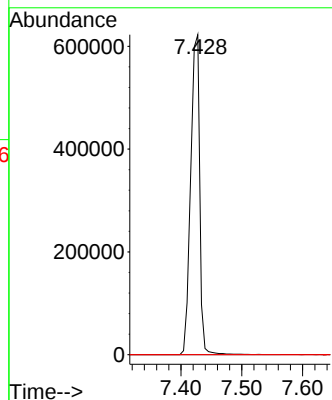
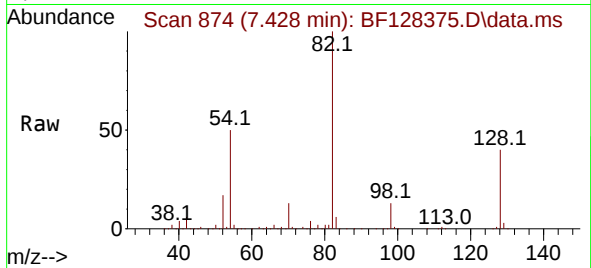




#25
Isophorone
Concen: 57.436 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

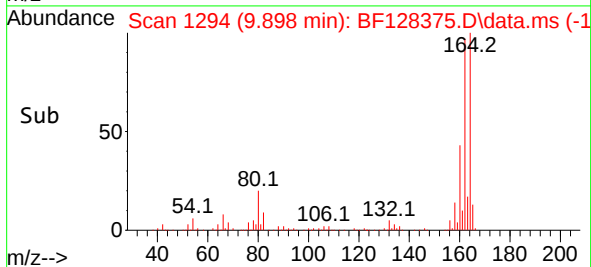
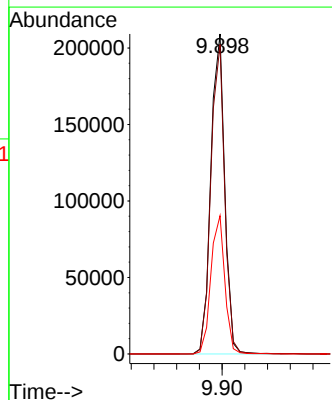
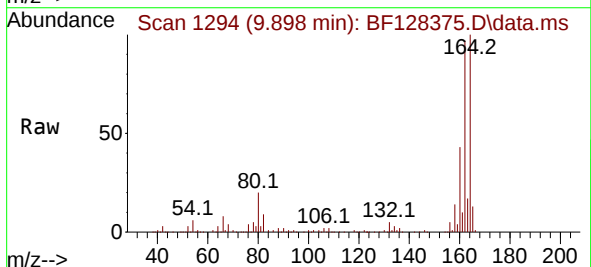
Instrument :
BNA_F
ClientSampleId :
MW-18R

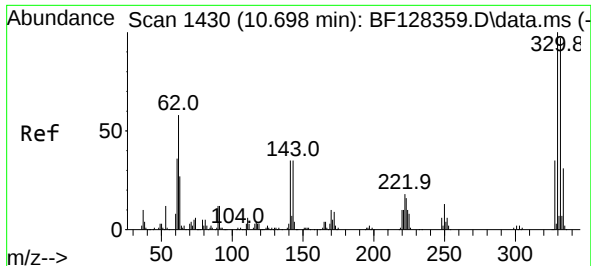
Tgt Ion: 82 Resp: 640263
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

Tgt Ion:164 Resp: 176815
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 121.532 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128375.D

Acq: 20 May 2022 20:37

Instrument :

BNA_F

ClientSampleId :

MW-18R

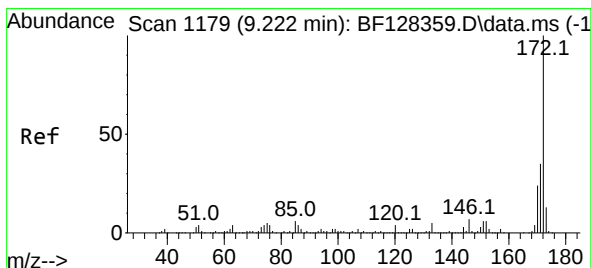
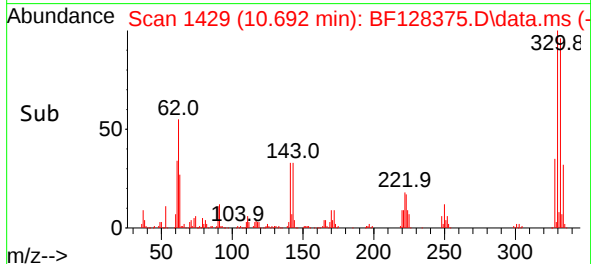
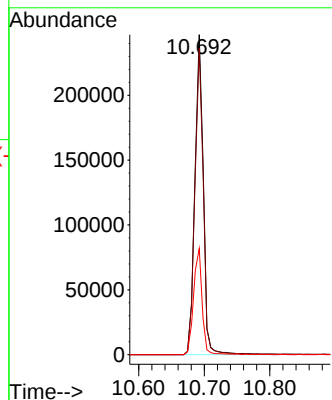
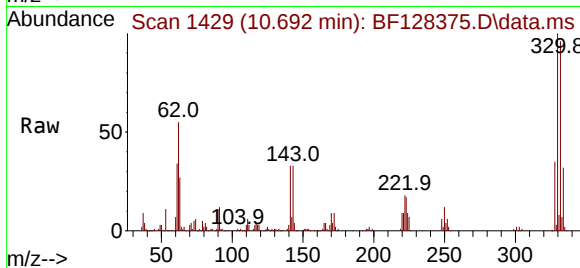
Tgt Ion:330 Resp: 221612

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 92.925 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128375.D

Acq: 20 May 2022 20:37

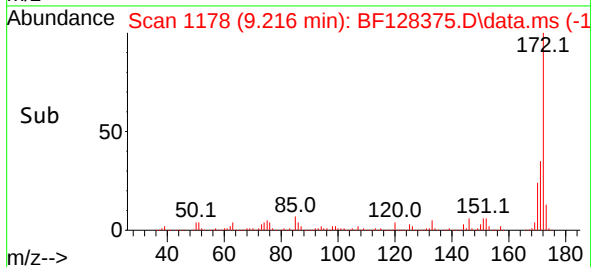
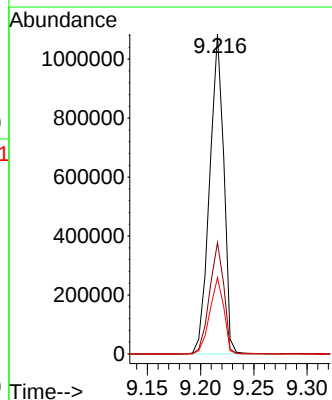
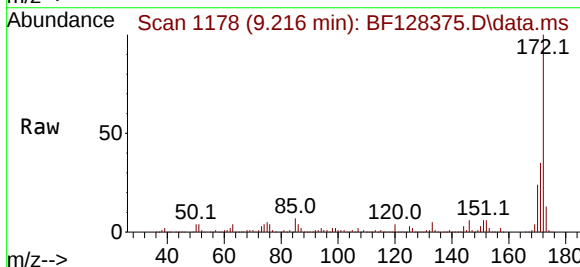
Tgt Ion:172 Resp: 1004717

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.051 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128375.D

Acq: 20 May 2022 20:37

Instrument :

BNA_F

ClientSampleId :

MW-18R

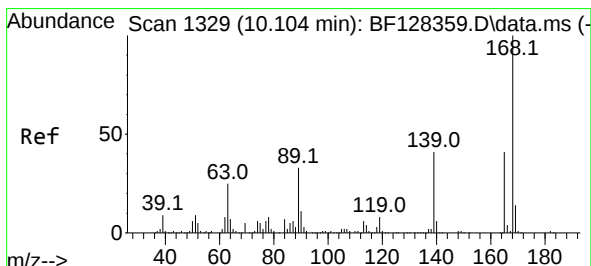
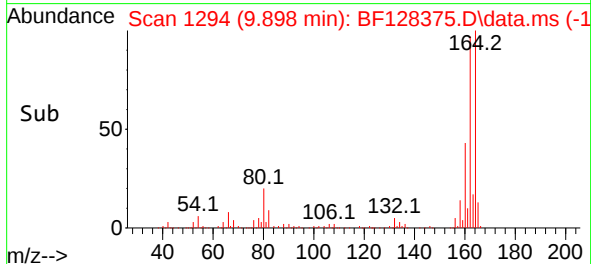
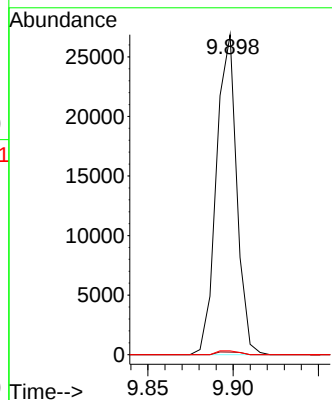
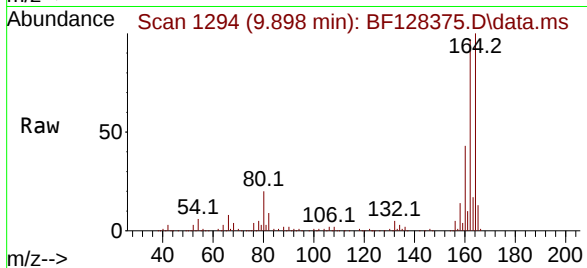
Tgt Ion:165 Resp: 22295

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: 7.184 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128375.D

Acq: 20 May 2022 20:37

Tgt Ion:165 Resp: 22295

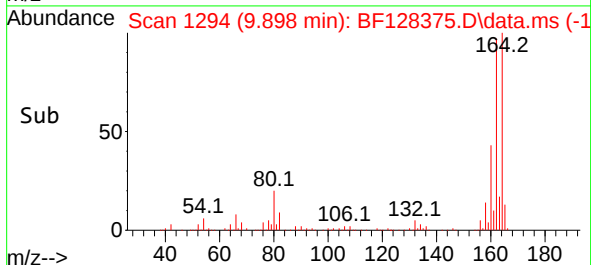
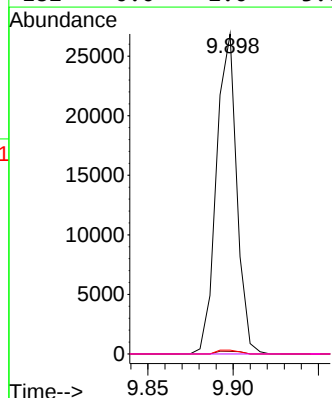
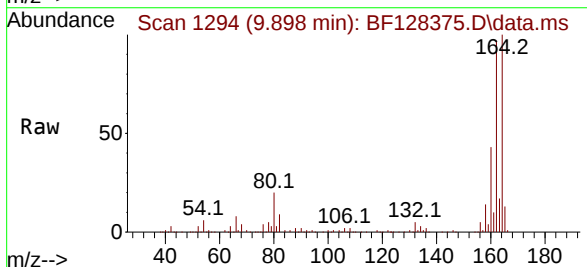
Ion Ratio Lower Upper

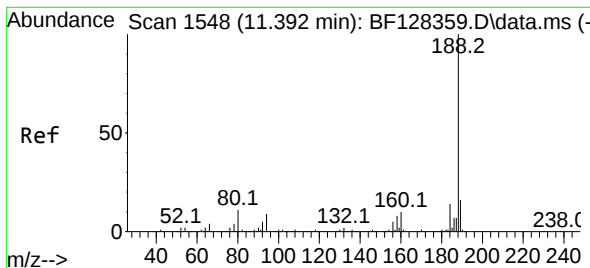
165 100

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: BF128375.D

Acq: 20 May 2022 20:37

Instrument :

BNA_F

ClientSampleId :

MW-18R

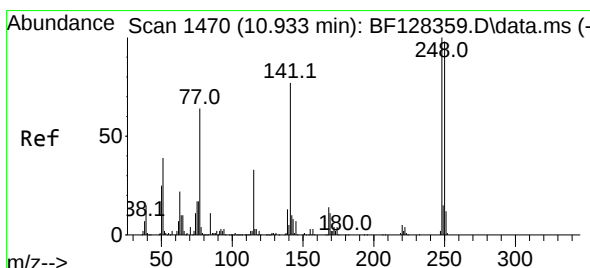
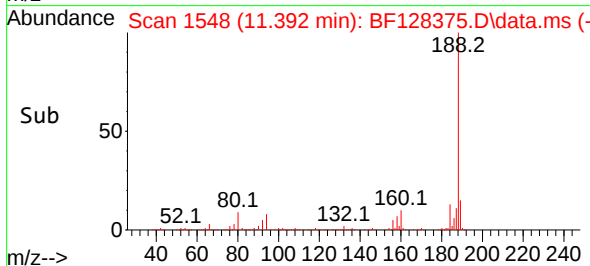
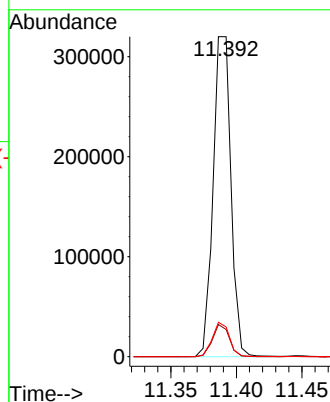
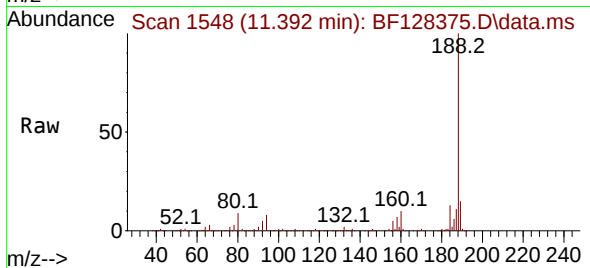
Tgt Ion:188 Resp: 302667

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

80 9.3 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.282 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128375.D

Acq: 20 May 2022 20:37

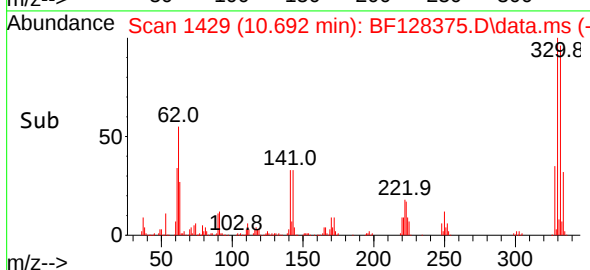
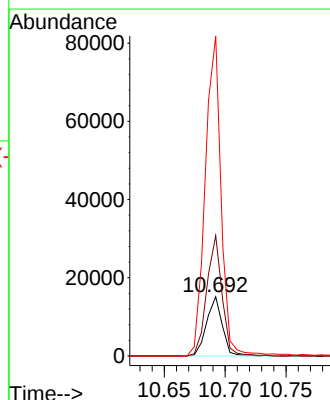
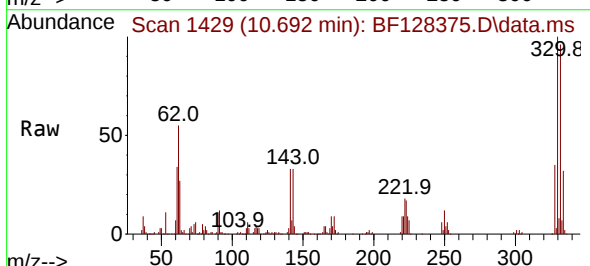
Tgt Ion:248 Resp: 13563

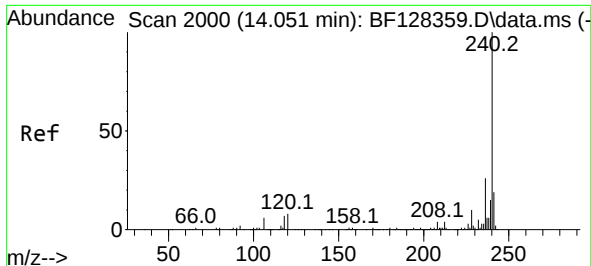
Ion Ratio Lower Upper

248 100

250 203.2 77.7 116.5#

141 540.1 65.6 98.4#

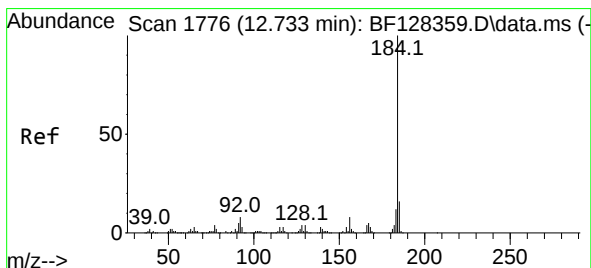
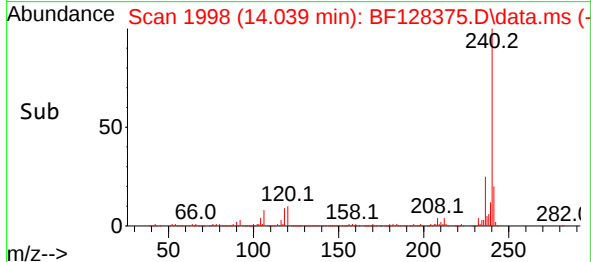
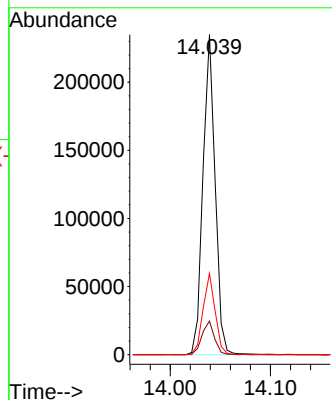
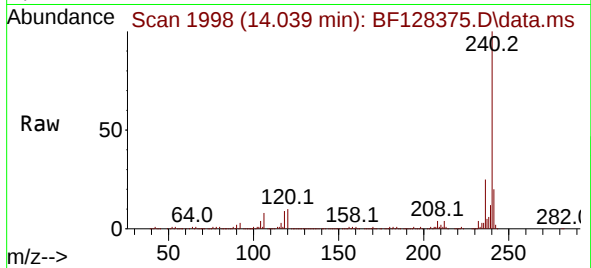




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

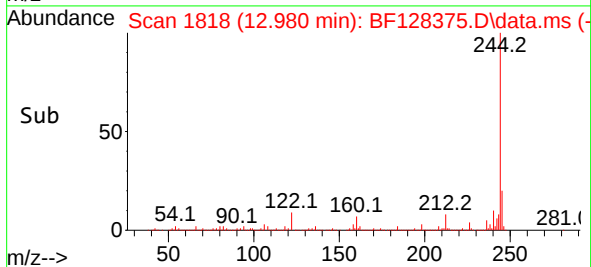
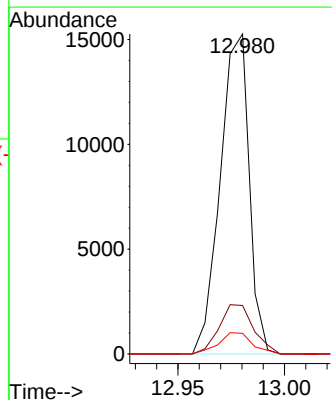
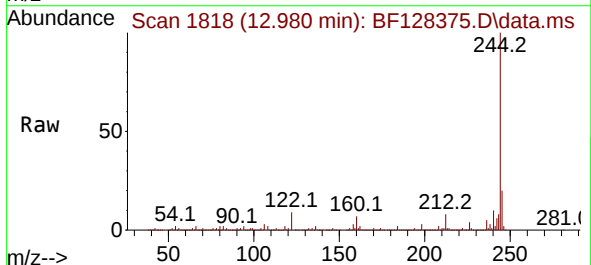
Instrument :
BNA_F
ClientSampleId :
MW-18R

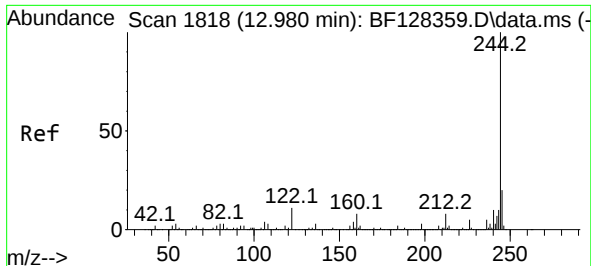
Tgt Ion:240 Resp: 198922
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 3.486 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128375.D
Acq: 20 May 2022 20:37

Tgt Ion:184 Resp: 14424
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.5 9.0 13.4#

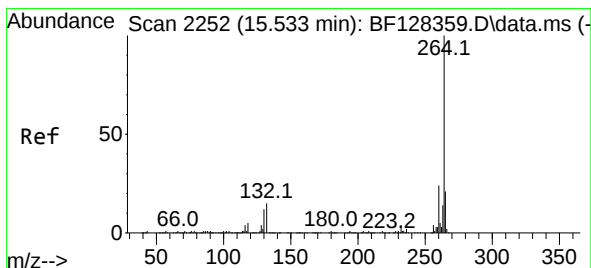
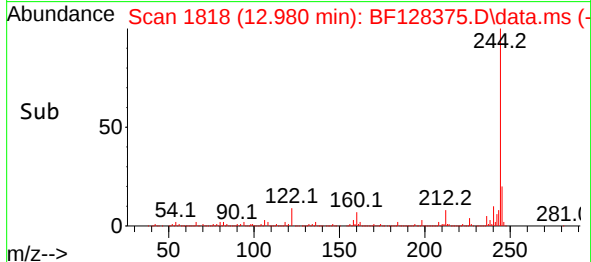
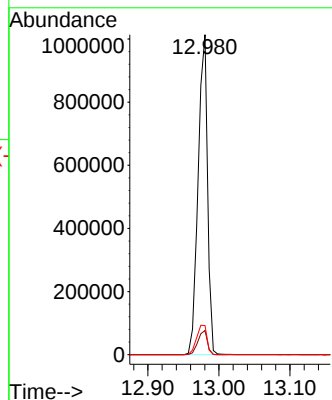
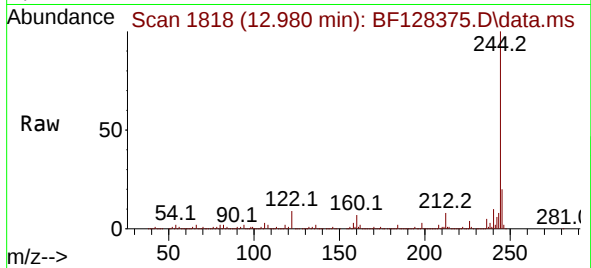




#79
 Terphenyl-d14
 Concen: 90.977 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128375.D
 Acq: 20 May 2022 20:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

Tgt Ion:244 Resp: 937485
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.1 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: BF128375.D
 Acq: 20 May 2022 20:37

Tgt Ion:264 Resp: 198420
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.5 26.3

