

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128377.D
 Acq On : 20 May 2022 21:37
 Operator : CG\JU
 Sample : N2943-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: May 23 02:39:59 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)

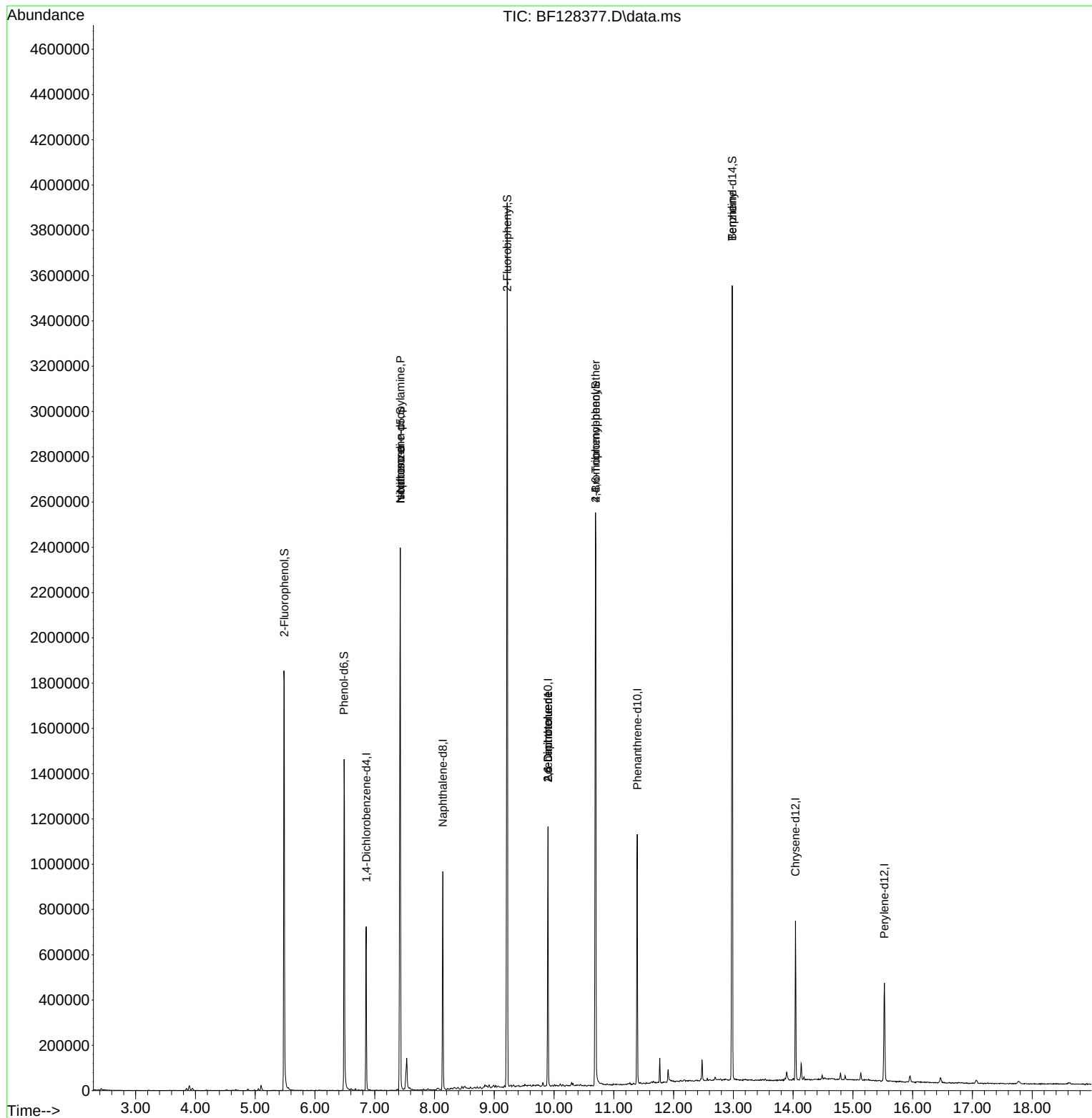
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	103831	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	399536	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	222583	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	398836	20.000	ng	0.00
76) Chrysene-d12	14.039	240	221578	20.000	ng	-0.01
86) Perylene-d12	15.527	264	193543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	524395	80.372	ng	0.00
7) Phenol-d6	6.487	99	485840	56.549	ng	-0.01
23) Nitrobenzene-d5	7.428	82	859491	96.386	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	340025	148.127	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1341696	98.576	ng	0.00
79) Terphenyl-d14	12.980	244	1238302	107.883	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.446	77	142	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	115648	22.507	ng	# 80
25) Isophorone	7.428	82	859479	62.895	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	28833	9.298	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	28833	7.380	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	20070	4.808	ng	# 1
77) Benizidine	12.980	184	19065	4.137	ng	# 91

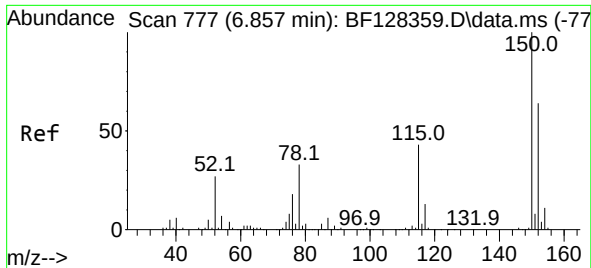
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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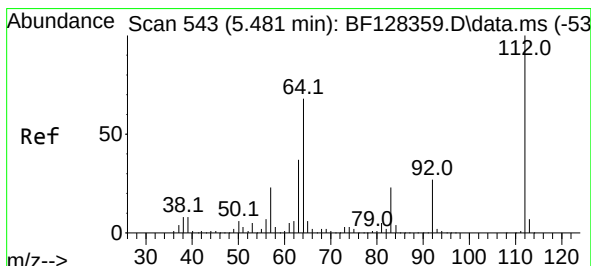
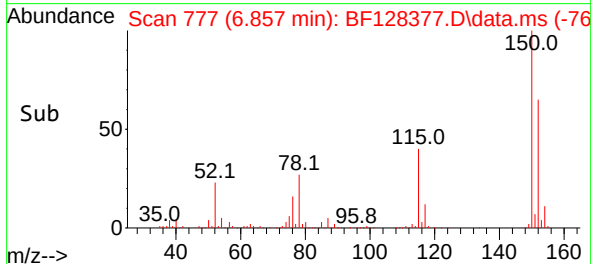
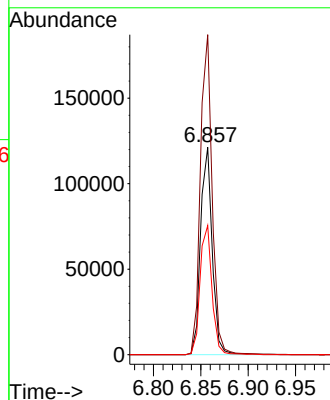
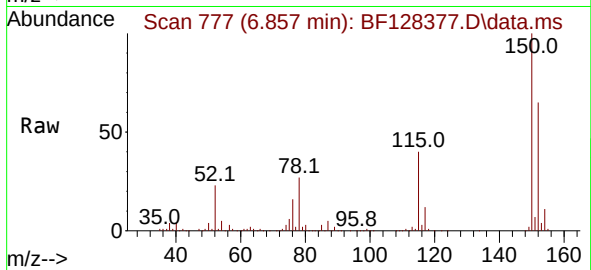




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128377.D
 Acq: 20 May 2022 21:37

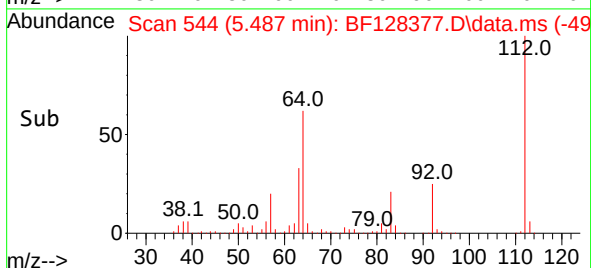
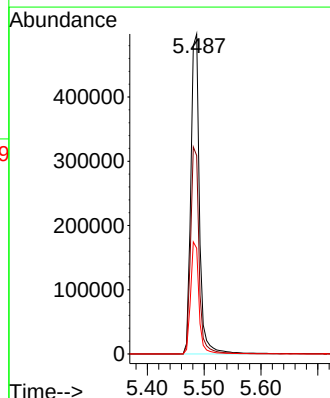
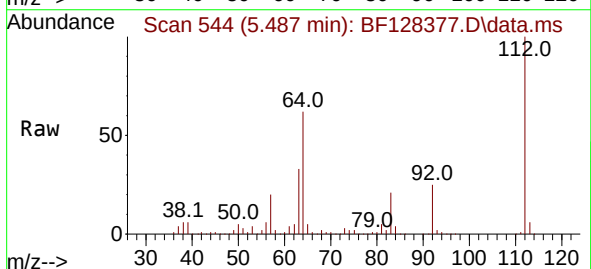
Instrument :
 BNA_F
 ClientSampleId :
 MW-36

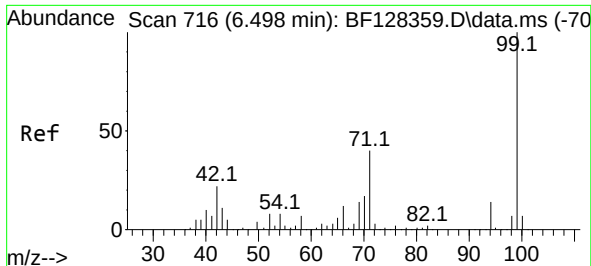
Tgt Ion:152 Resp: 103831
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.3 187.9
 115 62.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 80.372 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128377.D
 Acq: 20 May 2022 21:37

Tgt Ion:112 Resp: 524395
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.5 74.3
 63 33.1 26.3 39.5

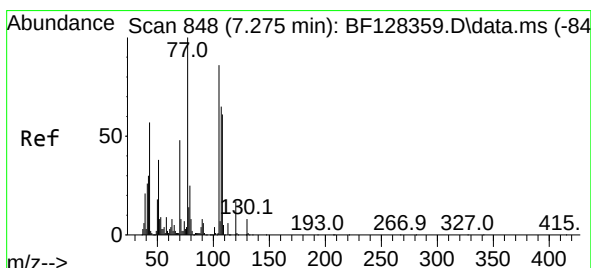
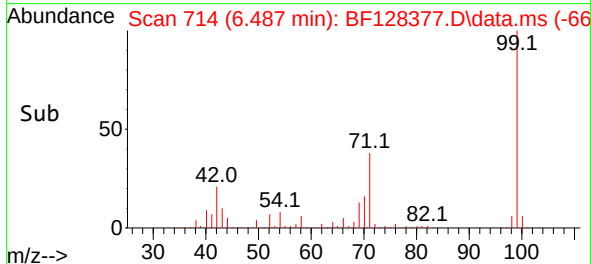
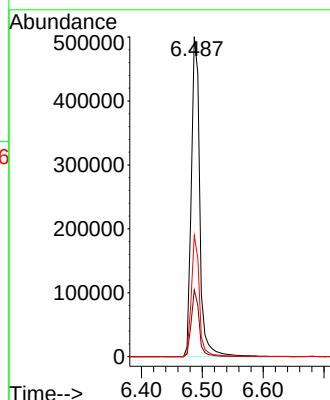
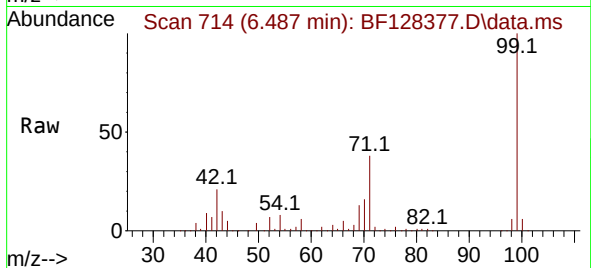




#7
Phenol-d6
Concen: 56.549 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

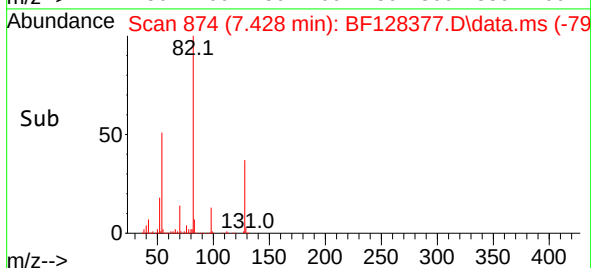
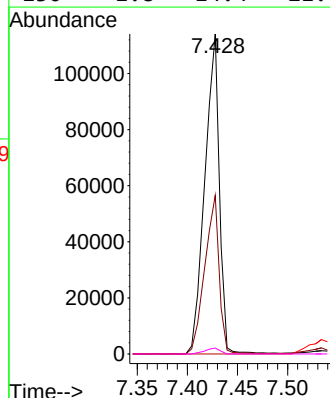
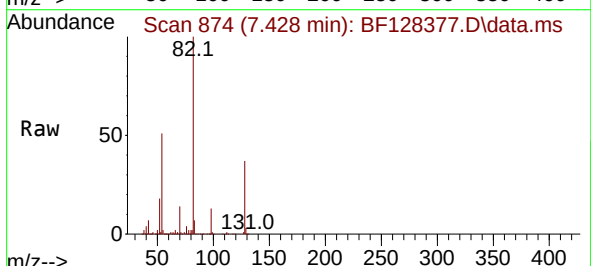
Instrument :
BNA_F
ClientSampleId :
MW-36

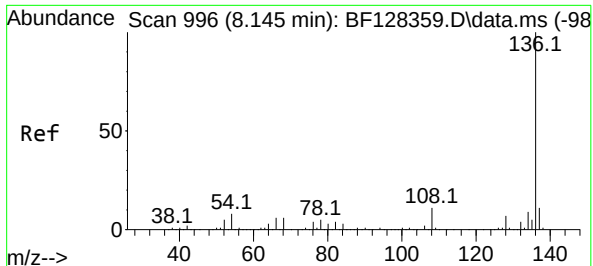
Tgt Ion: 99 Resp: 485840
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 37.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.507 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

Tgt Ion: 70 Resp: 115648
Ion Ratio Lower Upper
70 100
42 49.5 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: 8.140 min Scan# 996

Delta R.T. -0.005 min

Lab File: BF128377.D

Acq: 20 May 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-36

Tgt Ion:136 Resp: 399536

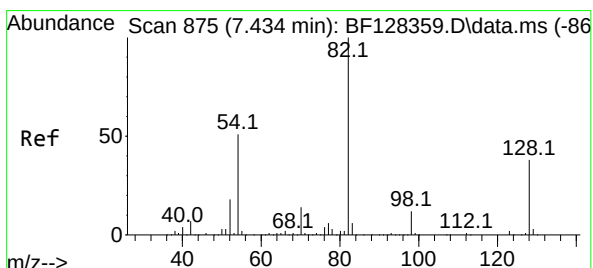
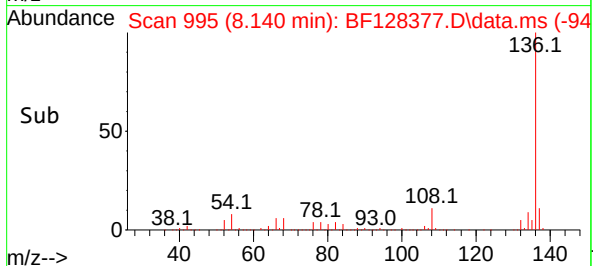
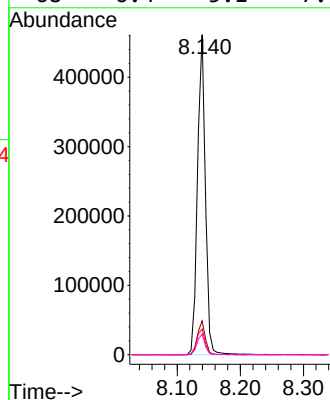
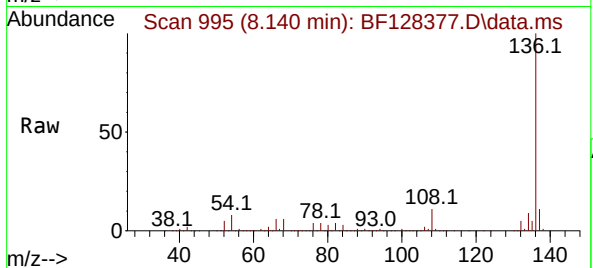
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.1 6.8 10.2

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 96.386 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF128377.D

Acq: 20 May 2022 21:37

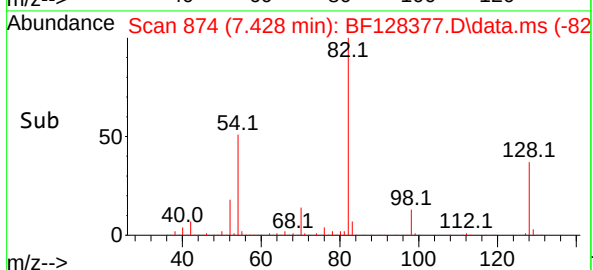
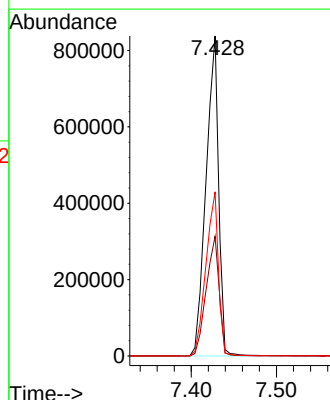
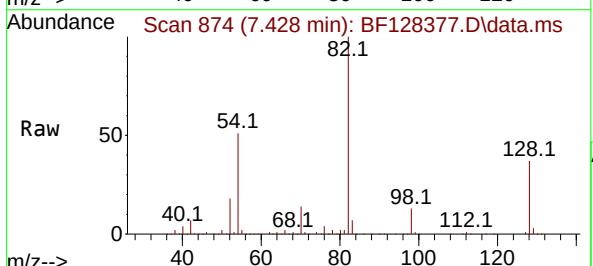
Tgt Ion: 82 Resp: 859491

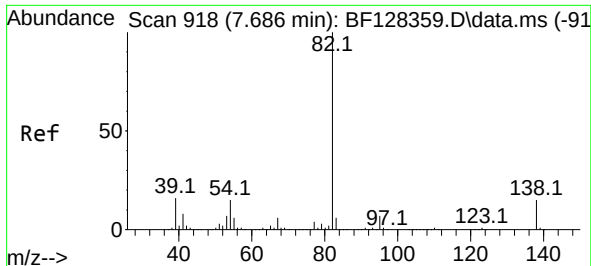
Ion Ratio Lower Upper

82 100

128 37.4 30.0 45.0

54 51.3 41.3 61.9

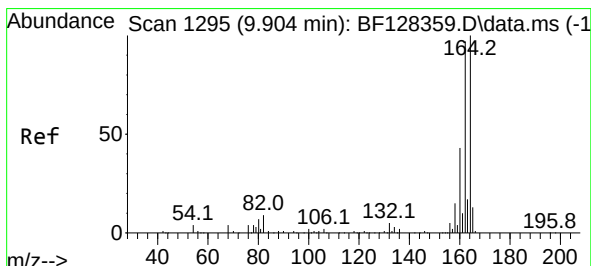
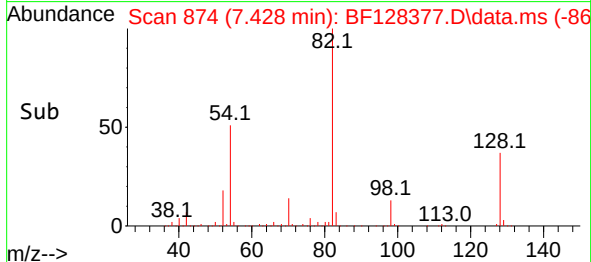
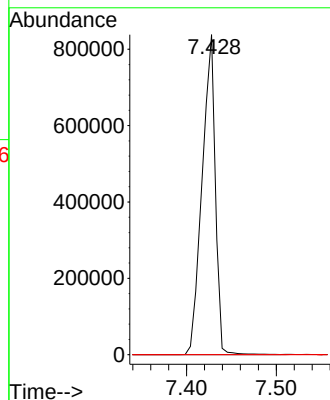
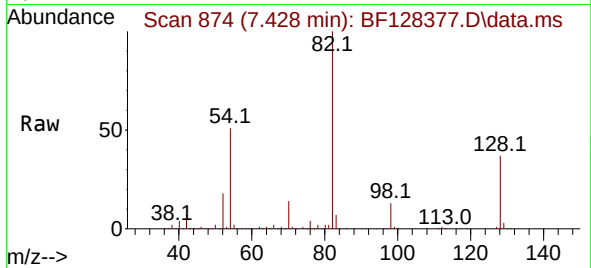




#25
Isophorone
Concen: 62.895 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

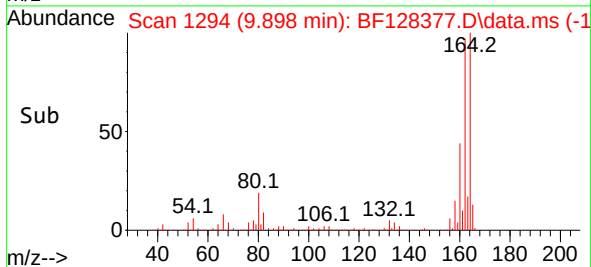
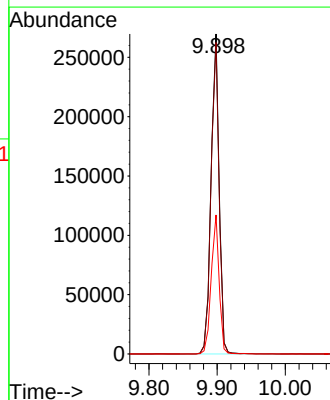
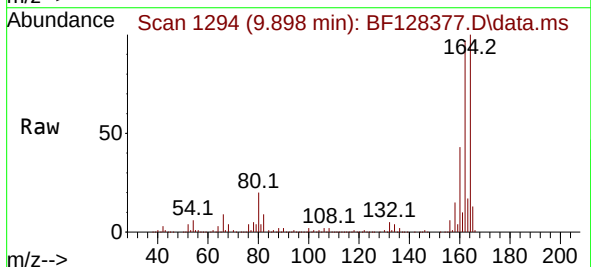
Instrument :
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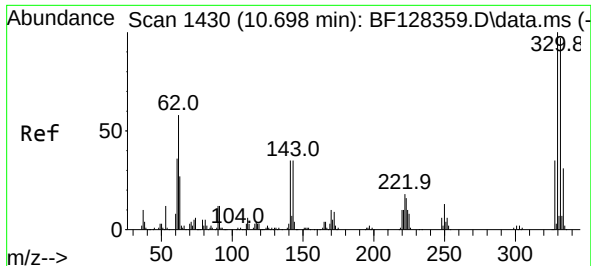
Tgt Ion: 82 Resp: 859479
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

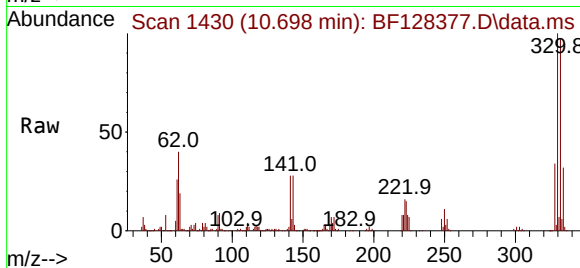
Tgt Ion: 164 Resp: 222583
Ion Ratio Lower Upper
164 100
162 97.3 76.0 114.0
160 43.5 34.8 52.2



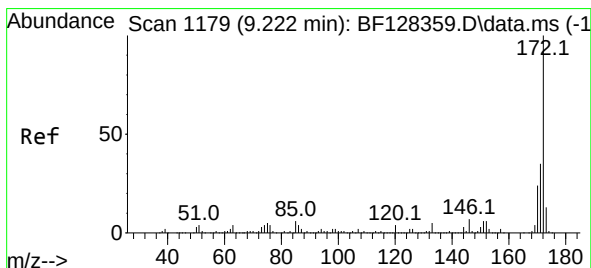
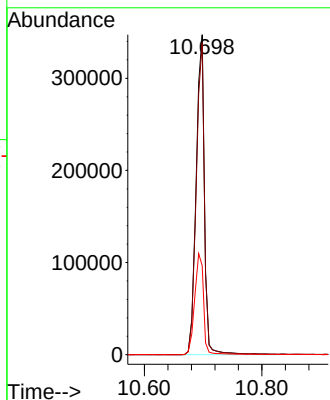
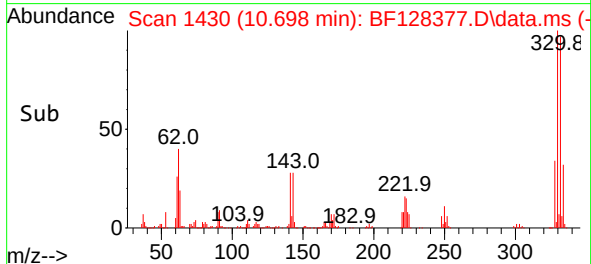


#42
2,4,6-Tribromophenol
Concen: 148.127 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

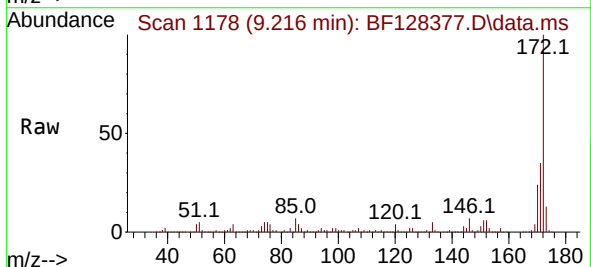
Instrument :
BNA_F
ClientSampleId :
MW-36



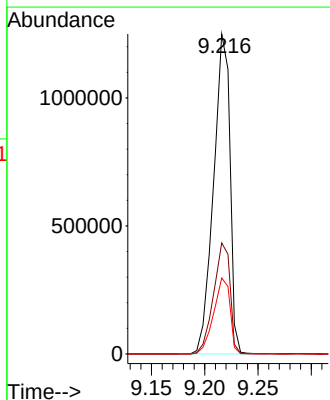
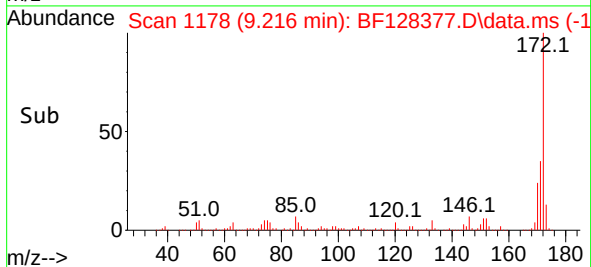
Tgt Ion:330 Resp: 340025
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.4
141 33.9 28.9 43.3

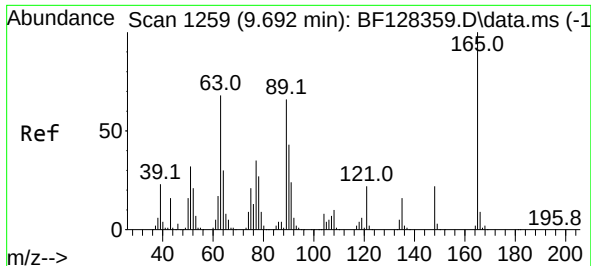


#45
2-Fluorobiphenyl
Concen: 98.576 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37



Tgt Ion:172 Resp: 1341696
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.298 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128377.D

Acq: 20 May 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-36

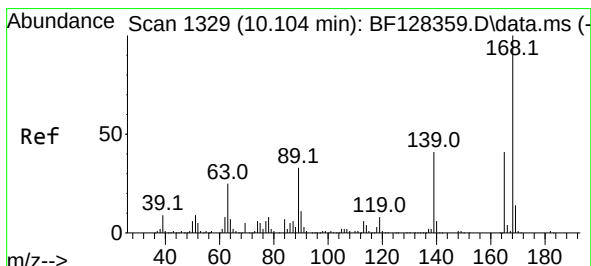
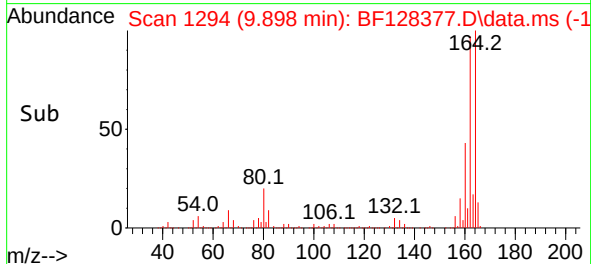
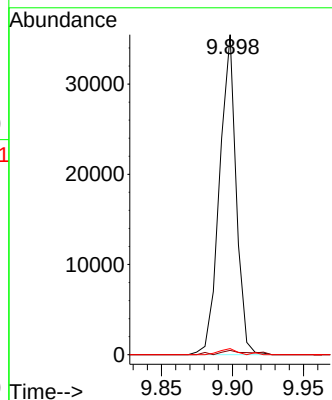
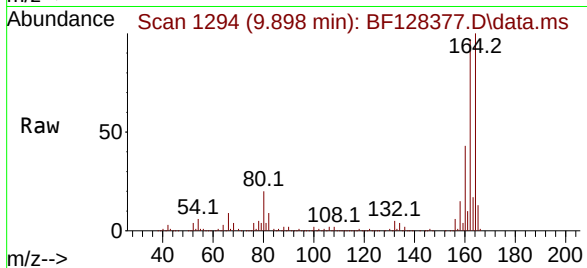
Tgt Ion:165 Resp: 28833

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.380 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128377.D

Acq: 20 May 2022 21:37

Tgt Ion:165 Resp: 28833

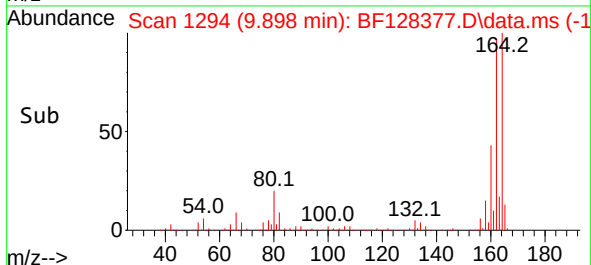
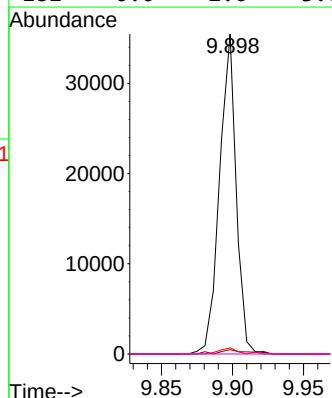
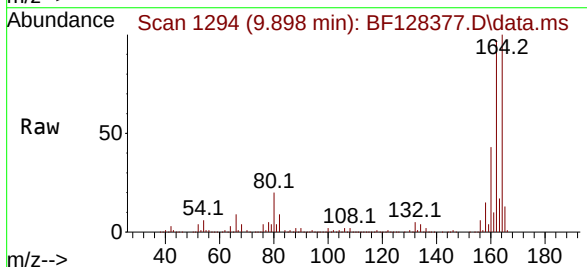
Ion Ratio Lower Upper

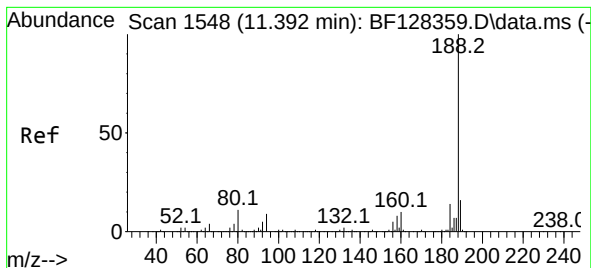
165 100

63 1.3 32.6 49.0#

89 1.9 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: BF128377.D

Acq: 20 May 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-36

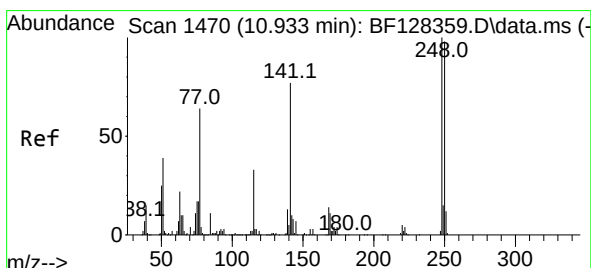
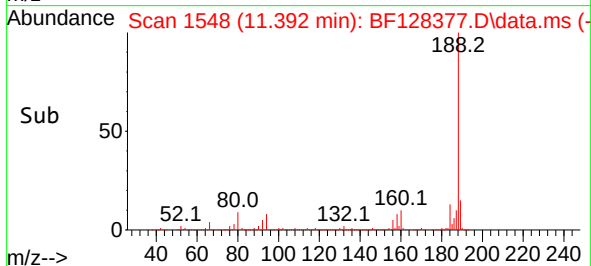
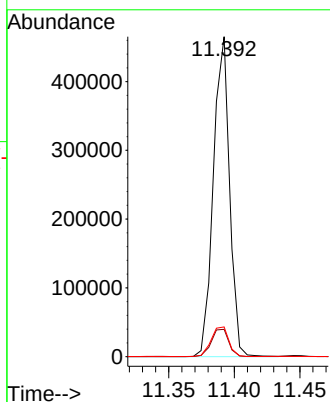
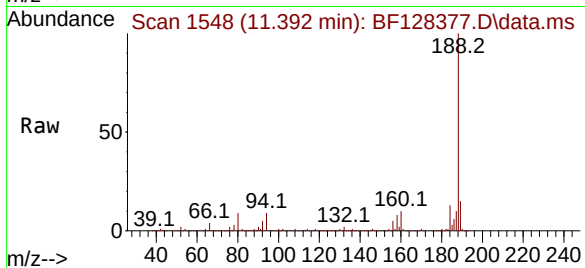
Tgt Ion:188 Resp: 398836

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: 4.808 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.235 min

Lab File: BF128377.D

Acq: 20 May 2022 21:37

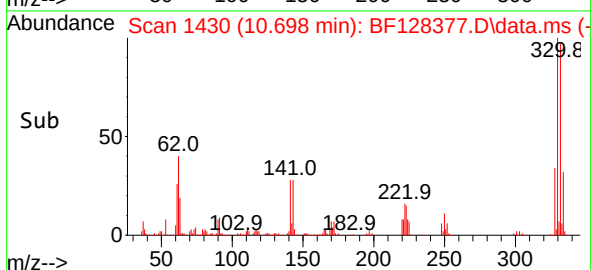
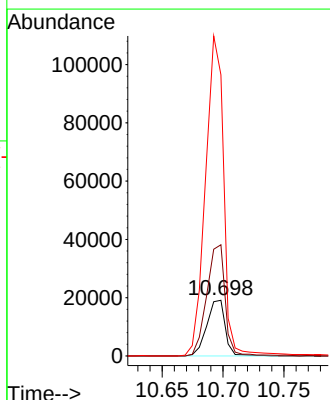
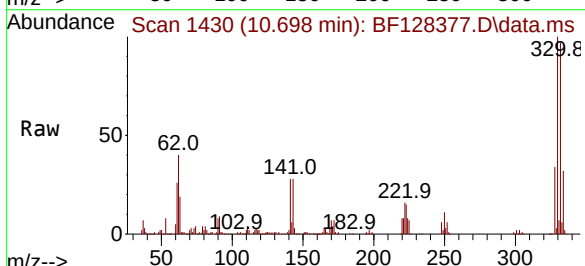
Tgt Ion:248 Resp: 20070

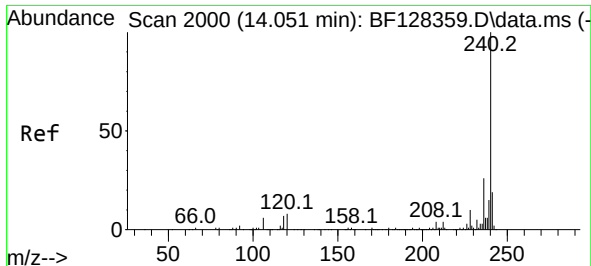
Ion Ratio Lower Upper

248 100

250 199.3 77.7 116.5#

141 504.2 65.6 98.4#

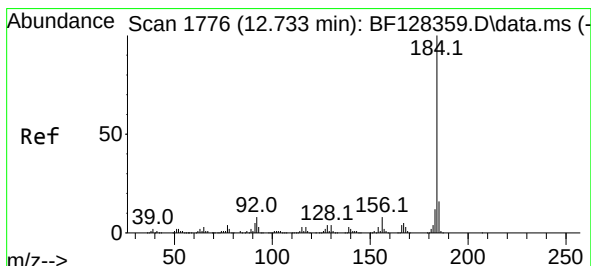
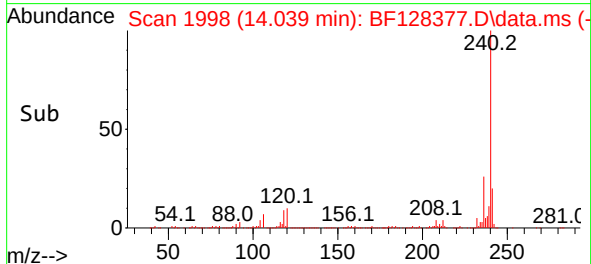
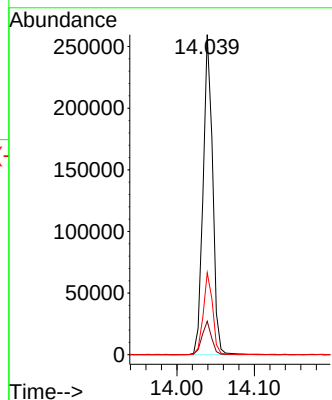
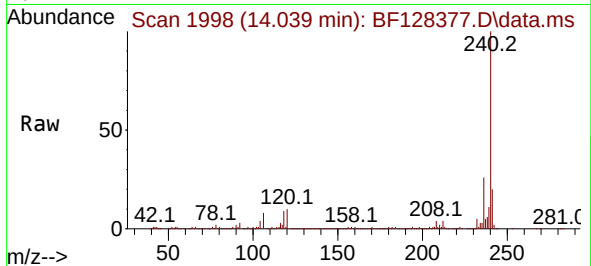




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

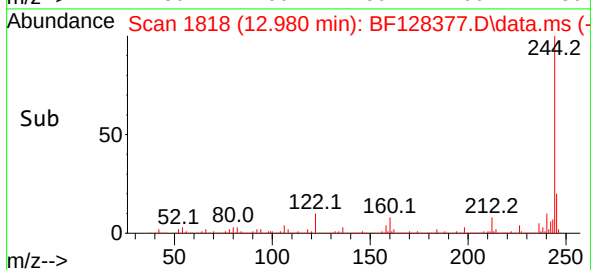
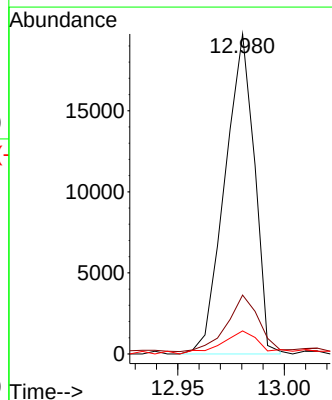
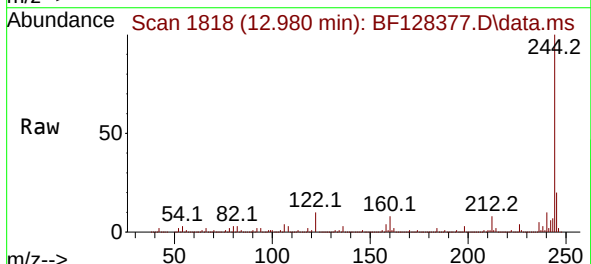
Instrument :
BNA_F
ClientSampleId :
MW-36

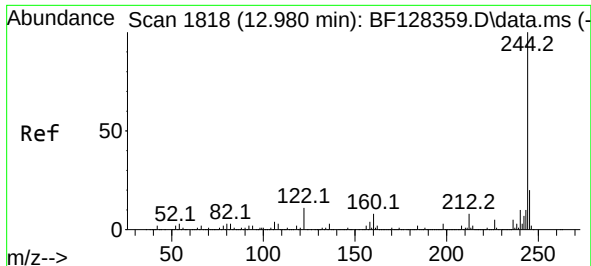
Tgt Ion:240 Resp: 221578
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 4.137 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128377.D
Acq: 20 May 2022 21:37

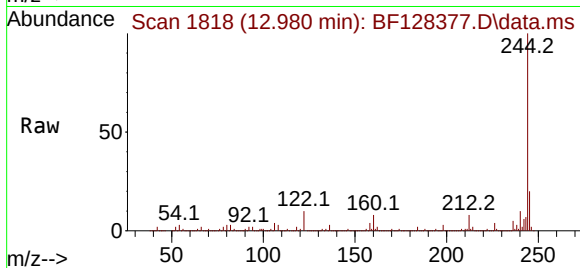
Tgt Ion:184 Resp: 19065
Ion Ratio Lower Upper
184 100
185 18.4 12.1 18.1#
183 7.2 9.0 13.4#





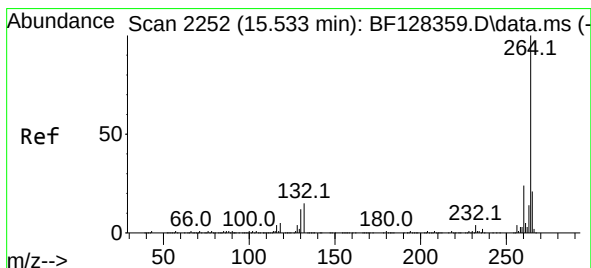
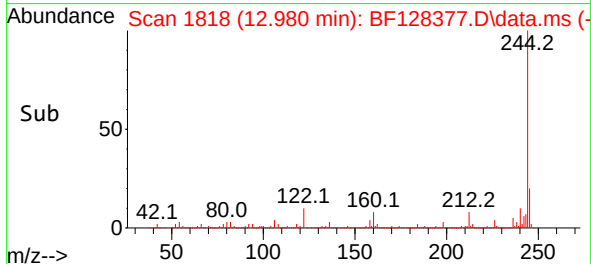
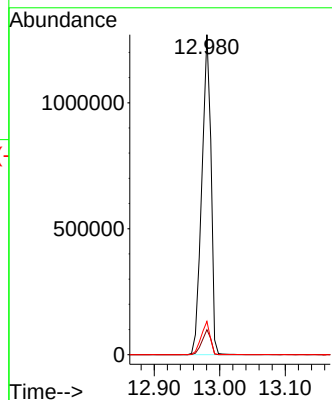
#79
 Terphenyl-d14
 Concen: 107.883 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128377.D
 Acq: 20 May 2022 21:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-36



Tgt Ion:244 Resp: 1238302

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.4	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: BF128377.D
 Acq: 20 May 2022 21:37

Tgt Ion:264 Resp: 193543

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.1	30.1
265	21.6	17.5	26.3

