

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138074.D
 Acq On : 30 May 2024 14:28
 Operator : CG\JU
 Sample : P2612-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200057

Quant Time: May 30 15:14:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

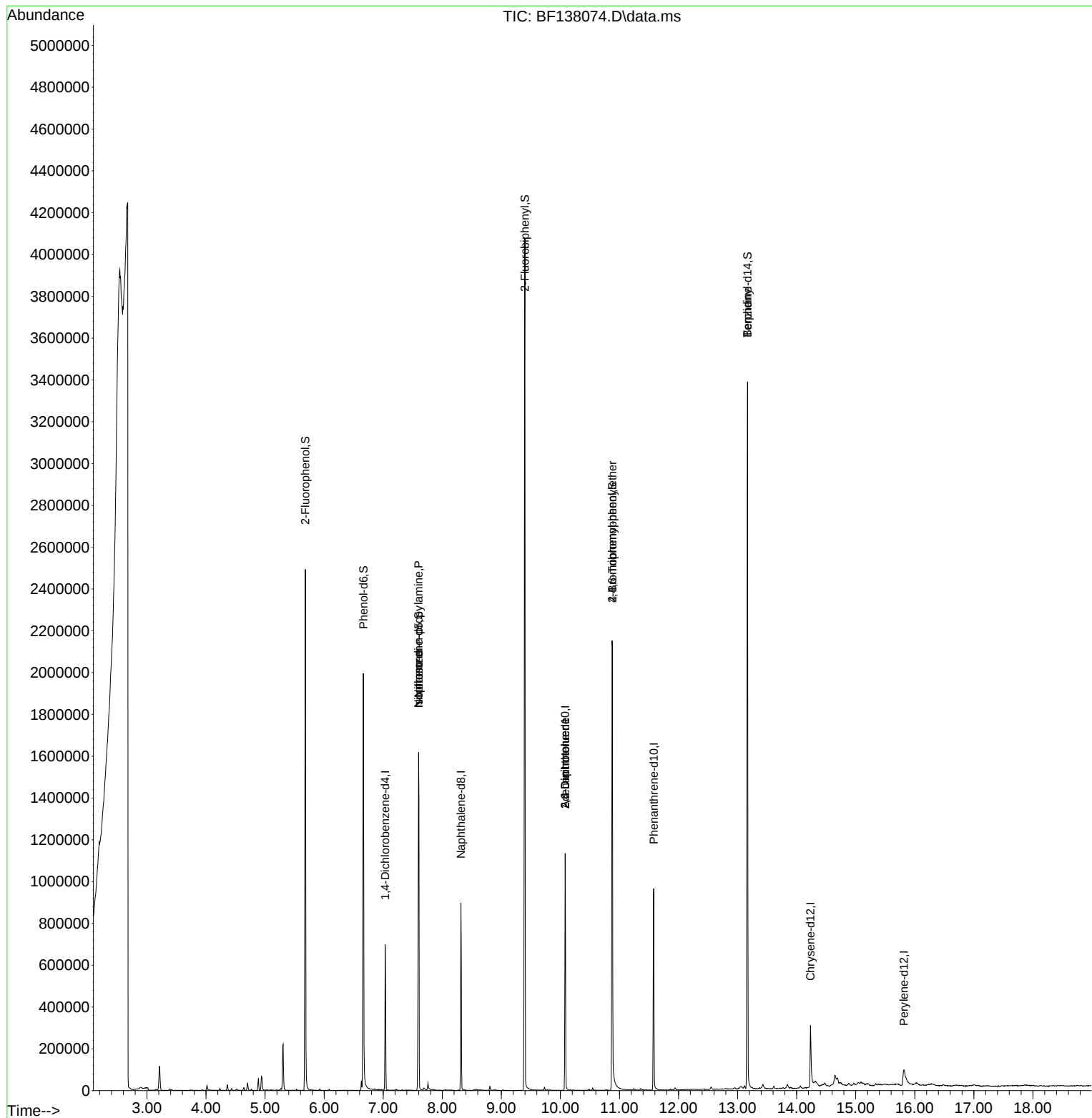
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	100238	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	386826	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	235994	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	388504	20.000	ng	0.00
76) Chrysene-d12	14.233	240	148126	20.000	ng	0.00
86) Perylene-d12	15.816	264	67149	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	727057	123.208	ng	0.02
7) Phenol-d6	6.663	99	769196	105.816	ng	0.00
23) Nitrobenzene-d5	7.598	82	590725	89.871	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	361026	151.722	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1355262	88.461	ng	0.00
79) Terphenyl-d14	13.169	244	1270872	126.447	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	79630	19.498	ng	# 74
25) Isophorone	7.598	82	590714	51.781	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	29244	8.610	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	29244	6.660	ng	# 33
67) 4-Bromophenyl-phenylether	10.881	248	22242	5.222	ng	# 1
77) Benzidine	13.169	184	14715	7.601	ng	# 89

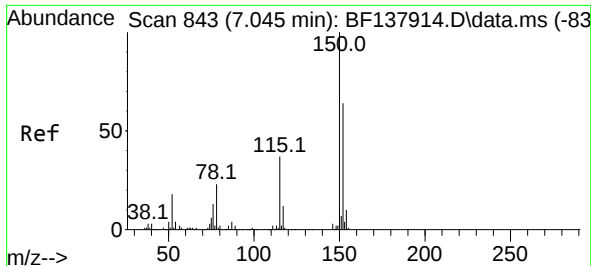
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 15 04:12:16 2024
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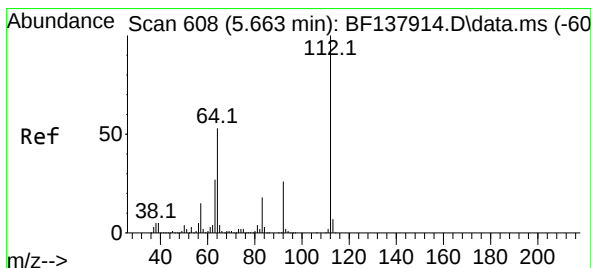
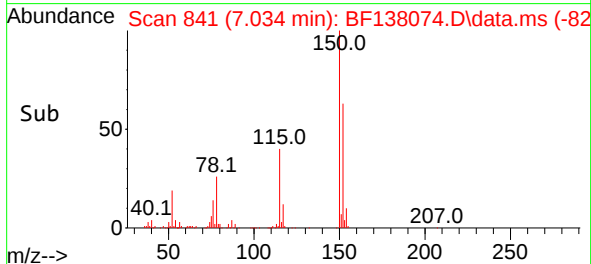
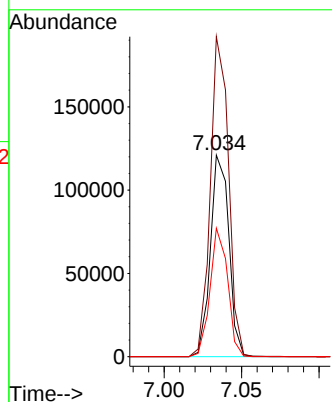
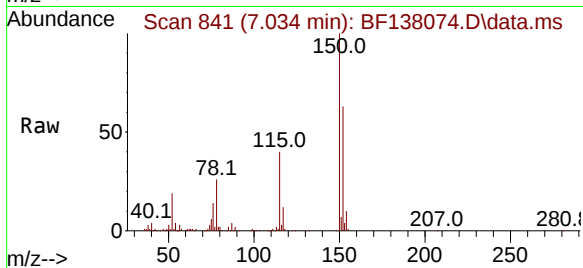




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

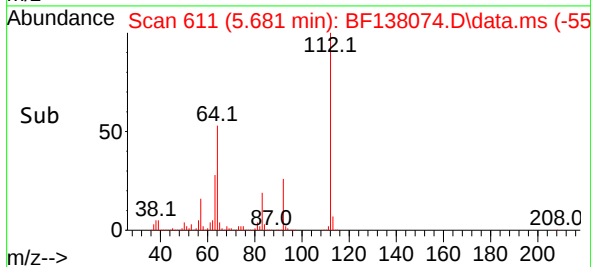
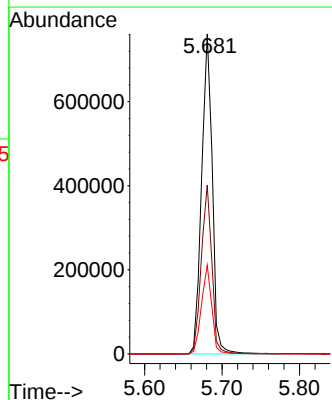
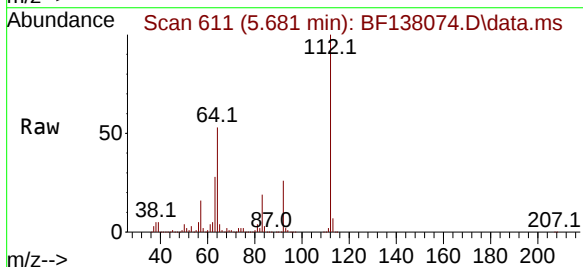
Instrument :
BNA_F
ClientSampleId :
RBR200057

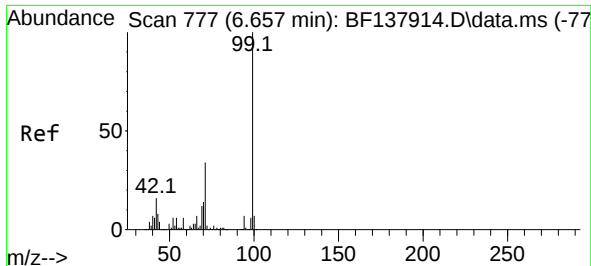
Tgt Ion:152 Resp: 100238
Ion Ratio Lower Upper
152 100
150 158.8 125.7 188.5
115 63.8 47.0 70.6



#5
2-Fluorophenol
Concen: 123.208 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion:112 Resp: 727057
Ion Ratio Lower Upper
112 100
64 52.8 42.4 63.6
63 27.8 21.4 32.2

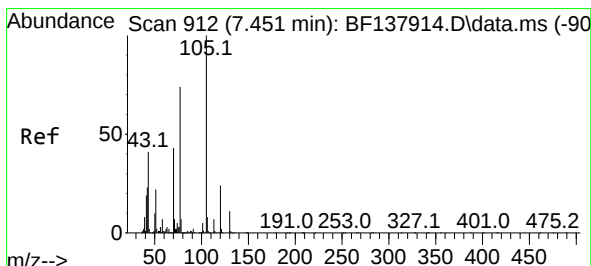
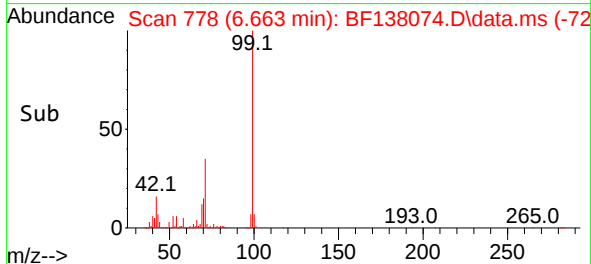
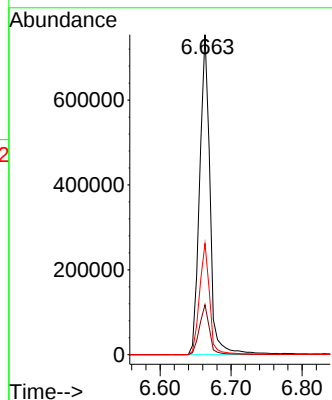
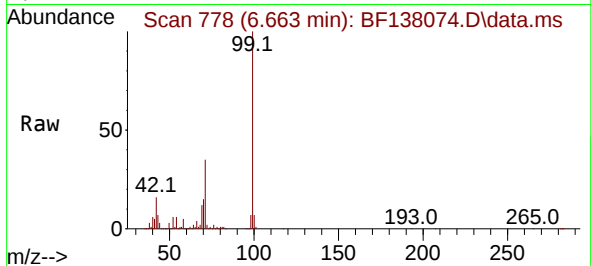




#7
Phenol-d6
Concen: 105.816 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

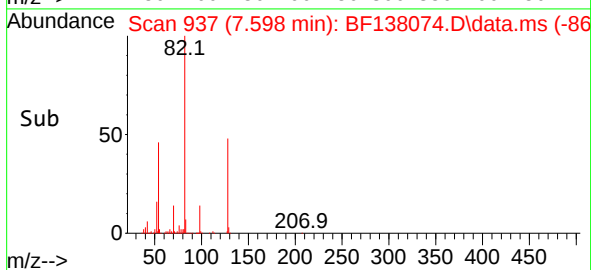
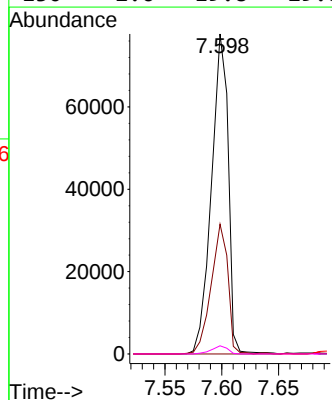
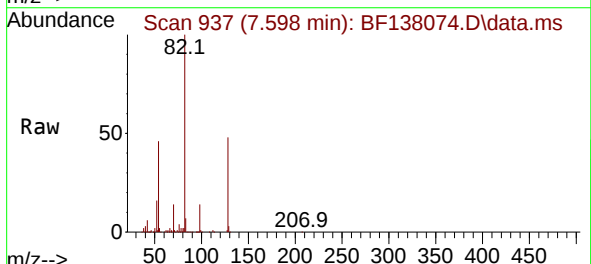
Instrument :
BNA_F
ClientSampleId :
RBR200057

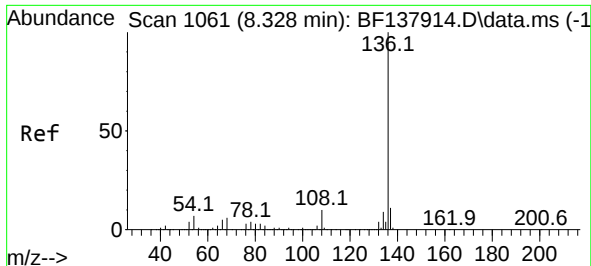
Tgt Ion: 99 Resp: 769196
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 34.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.498 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion: 70 Resp: 79630
Ion Ratio Lower Upper
70 100
42 40.5 42.2 63.4#
101 0.0 8.8 13.2#
130 2.6 19.8 29.8#



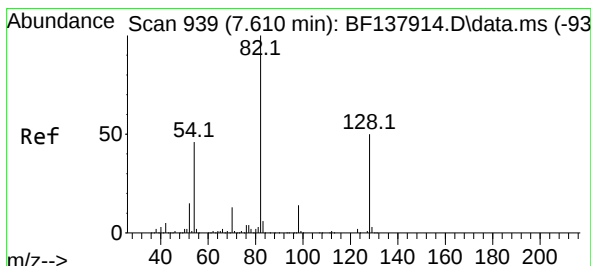
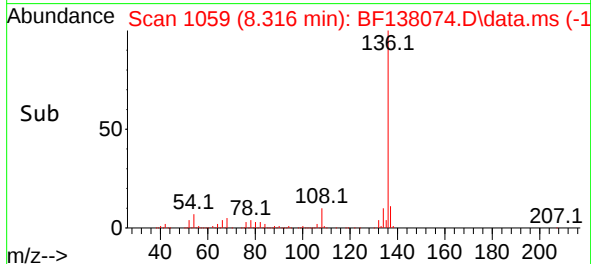
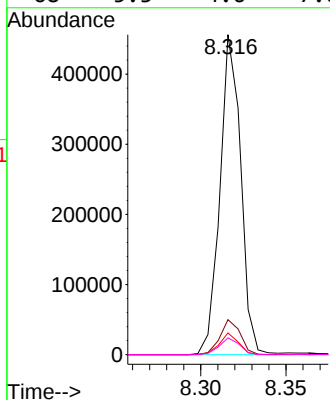
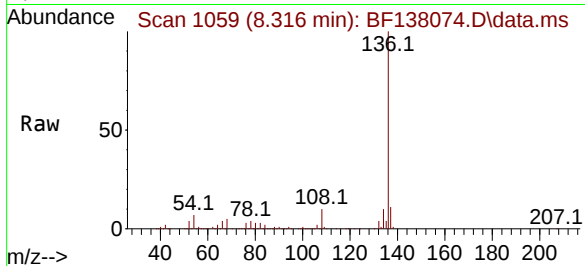


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Instrument :
BNA_F
ClientSampleId :
RBR200057

Tgt Ion:136 Resp: 386826

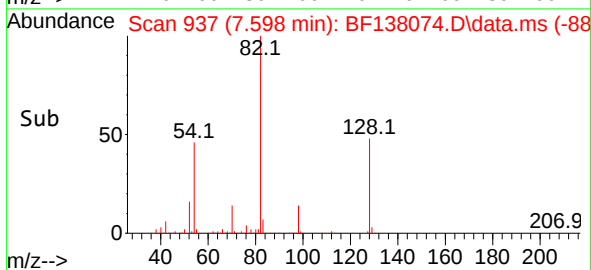
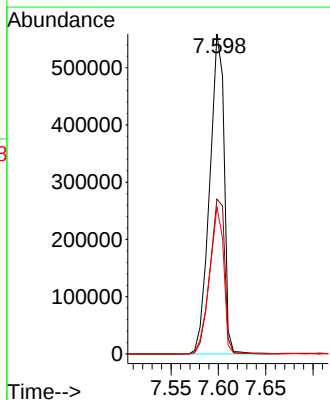
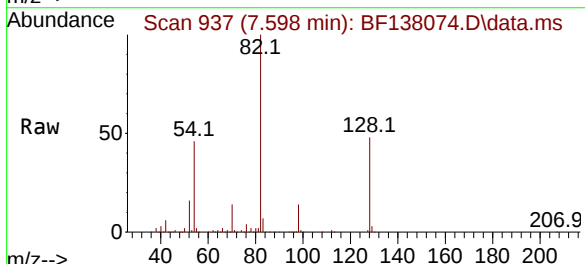
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.4	8.2
68	5.3	4.6	7.0

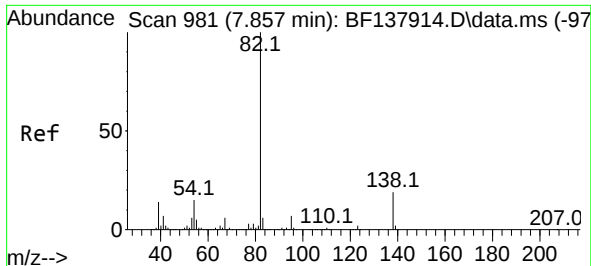


#23
Nitrobenzene-d5
Concen: 89.871 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion: 82 Resp: 590725

Ion	Ratio	Lower	Upper
82	100		
128	48.4	40.3	60.5
54	45.9	36.8	55.2

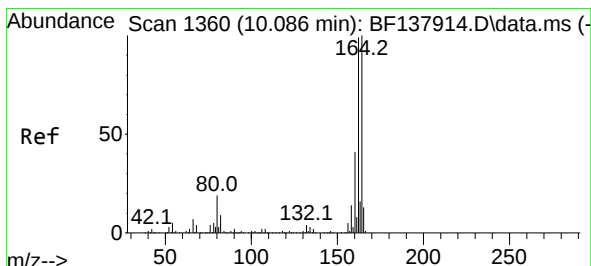
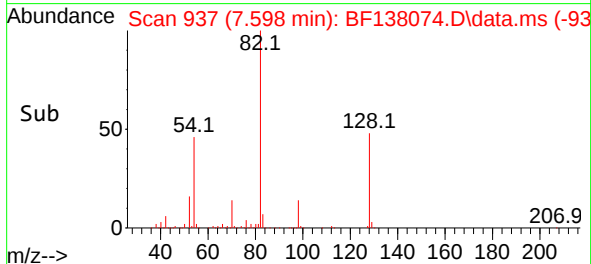
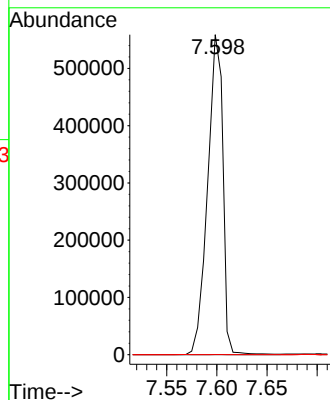
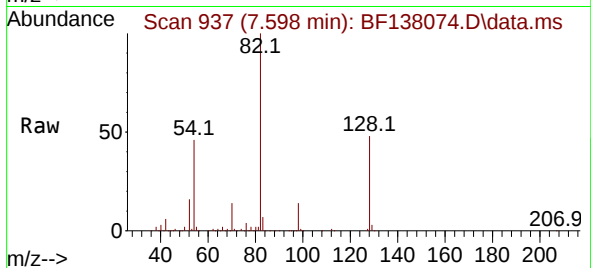




#25
Isophorone
Concen: 51.781 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

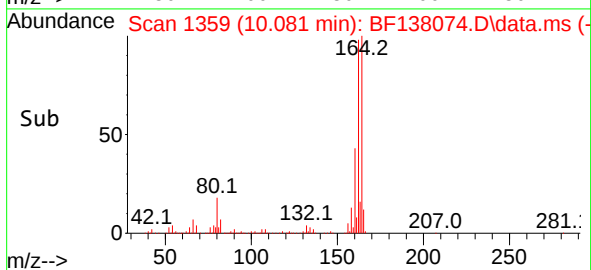
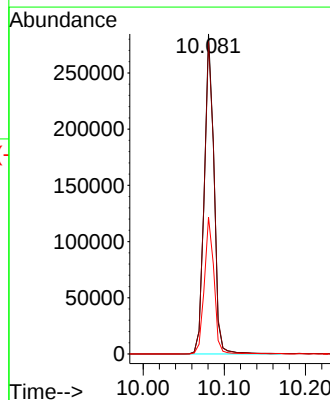
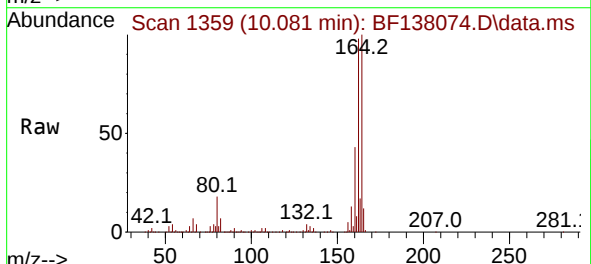
Instrument :
BNA_F
ClientSampleId :
RBR200057

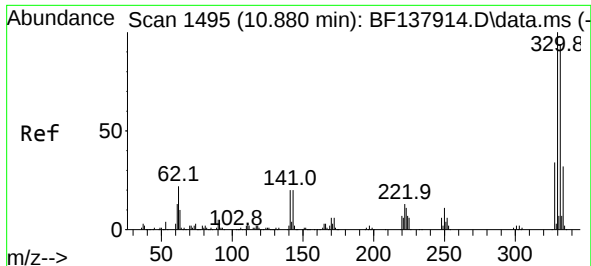
Tgt Ion: 82 Resp: 590714
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion:164 Resp: 235994
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.2
160 42.8 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 151.722 ng

RT: 10.881 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RBR200057

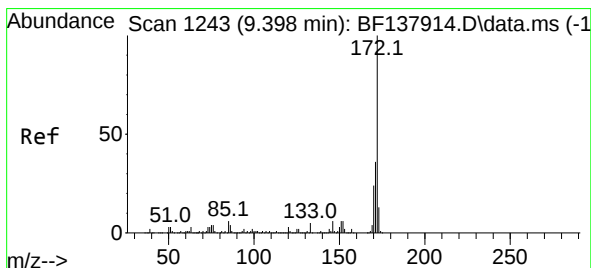
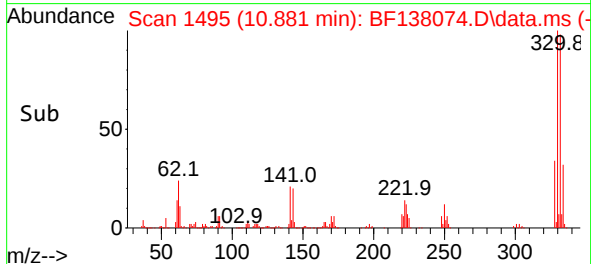
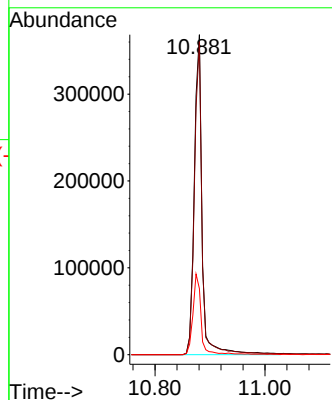
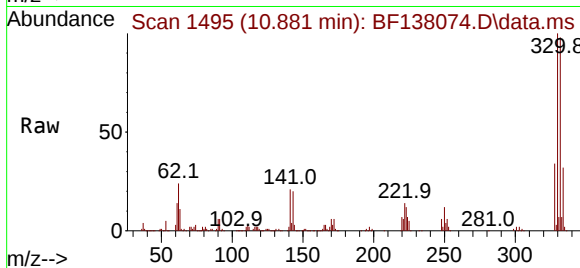
Tgt Ion:330 Resp: 361026

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.8

141 26.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.461 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

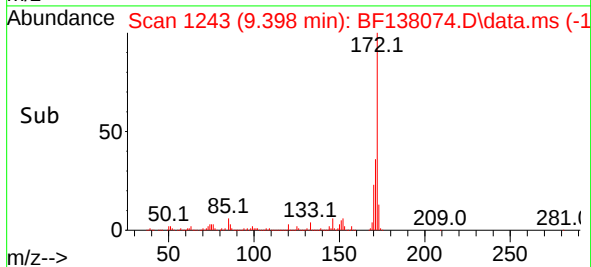
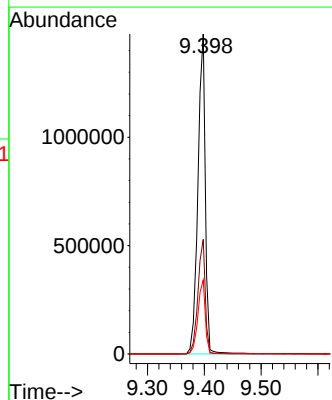
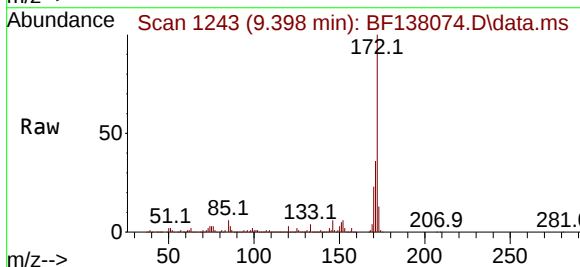
Tgt Ion:172 Resp: 1355262

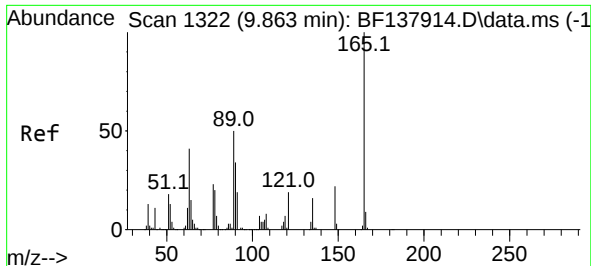
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.1 18.9 28.3

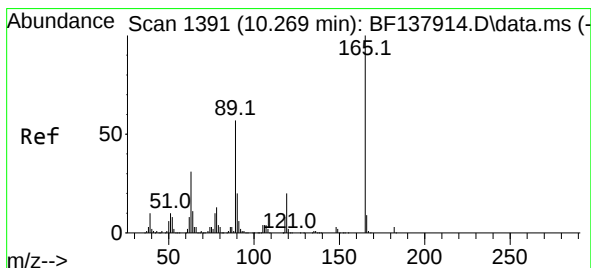
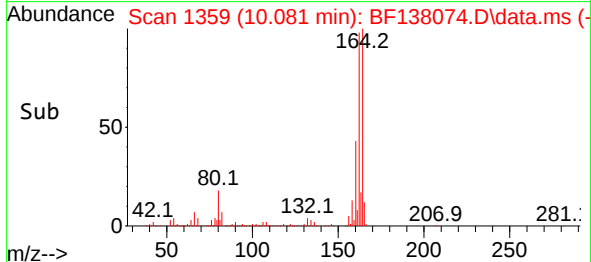
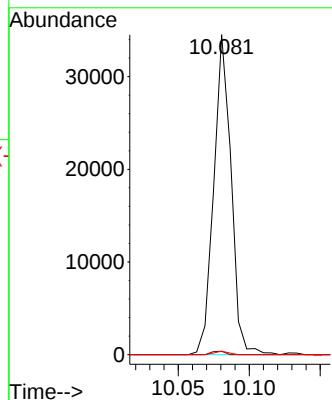
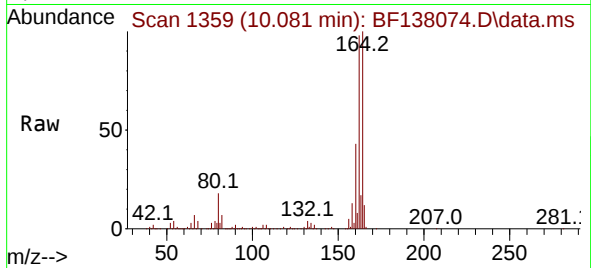




#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

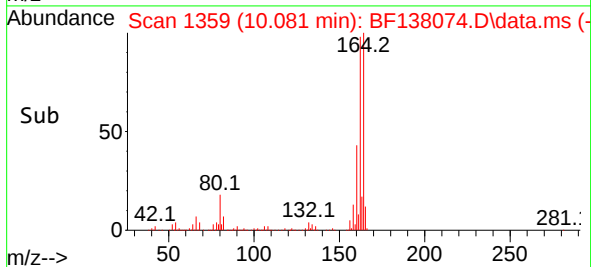
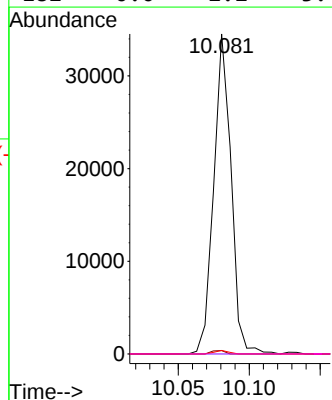
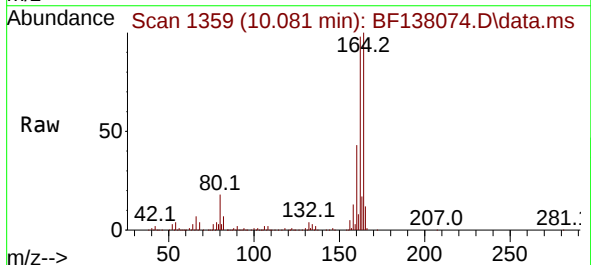
Instrument :
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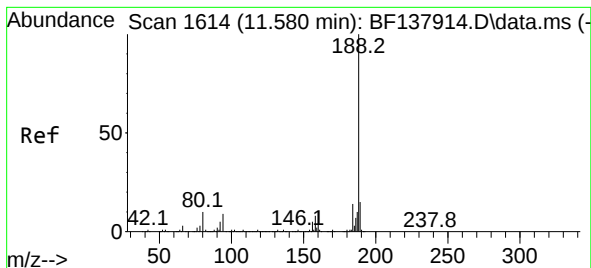
Tgt Ion:165 Resp: 29244
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.660 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion:165 Resp: 29244
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 1.1 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RBR200057

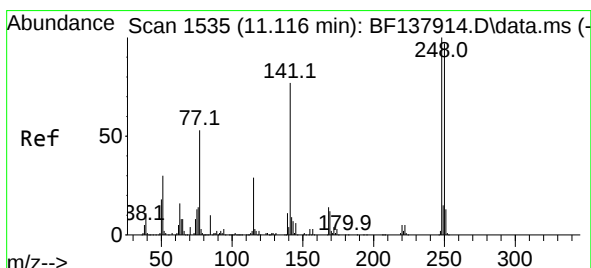
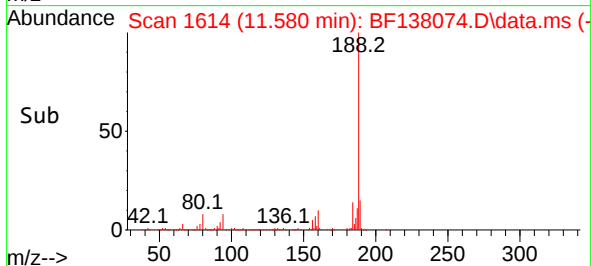
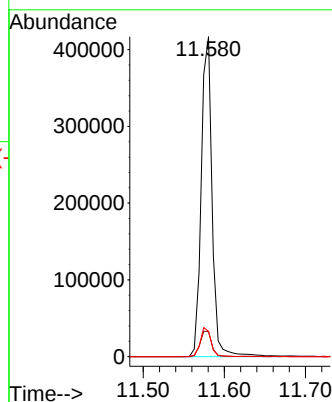
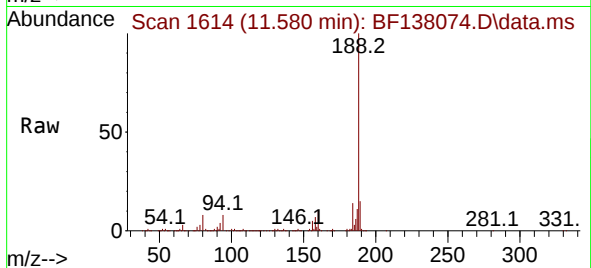
Tgt Ion:188 Resp: 388504

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

80 7.9 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 5.222 ng

RT: 10.881 min Scan# 1495

Delta R.T. -0.235 min

Lab File: BF138074.D

Acq: 30 May 2024 14:28

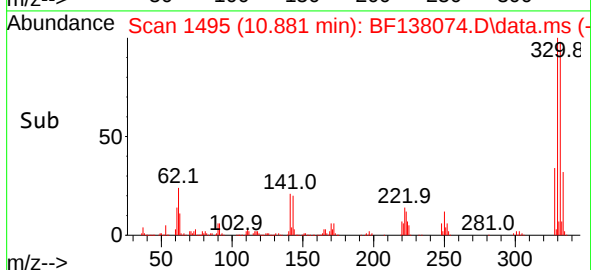
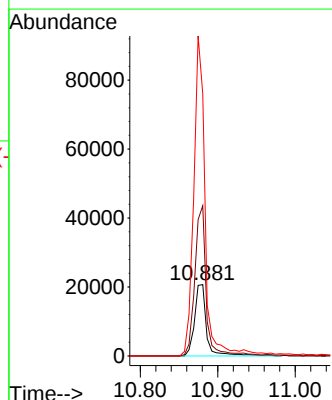
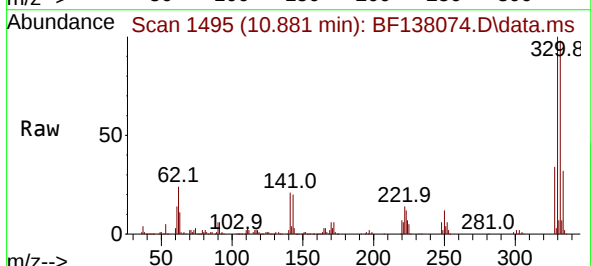
Tgt Ion:248 Resp: 22242

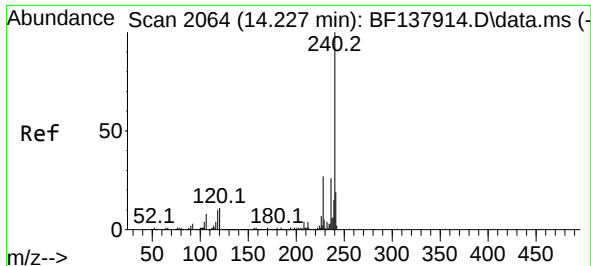
Ion Ratio Lower Upper

248 100

250 210.7 77.6 116.4#

141 367.9 61.4 92.2#

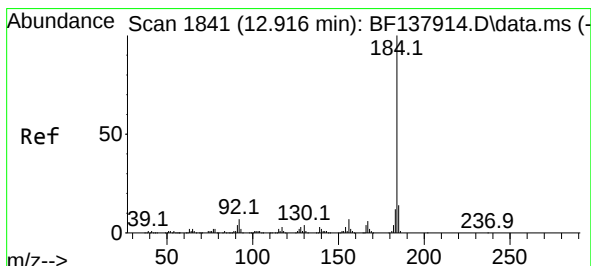
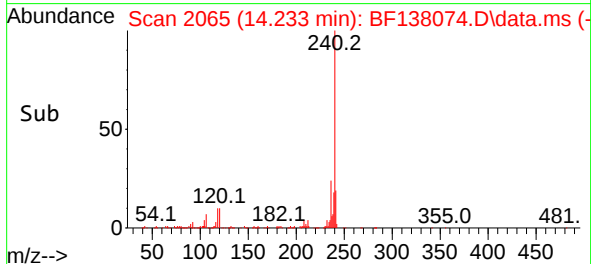
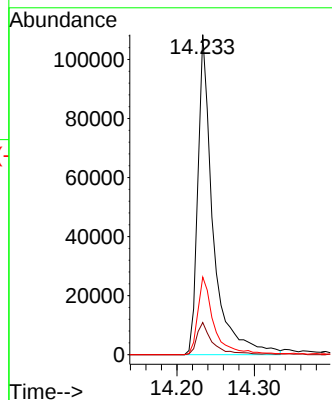
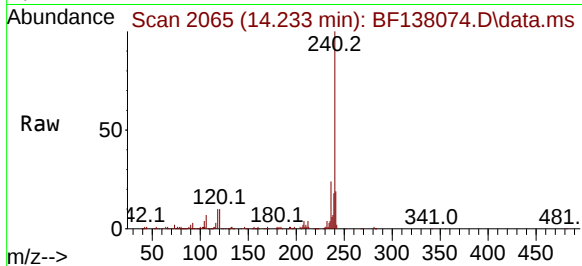




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

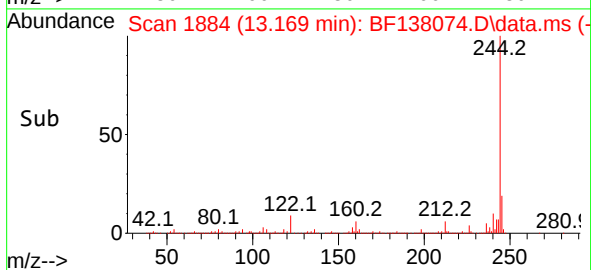
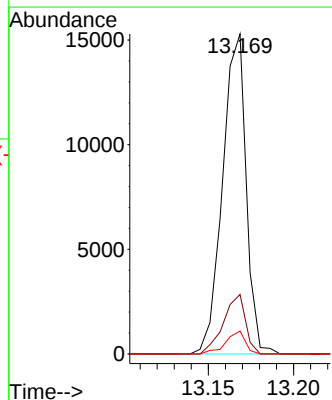
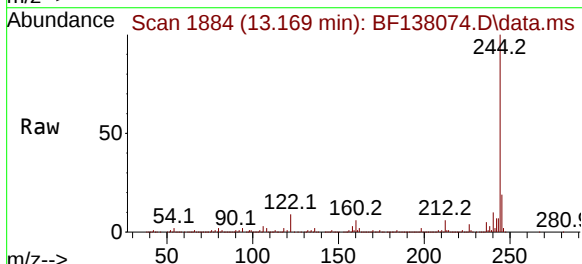
Instrument :
BNA_F
ClientSampleId :
RBR200057

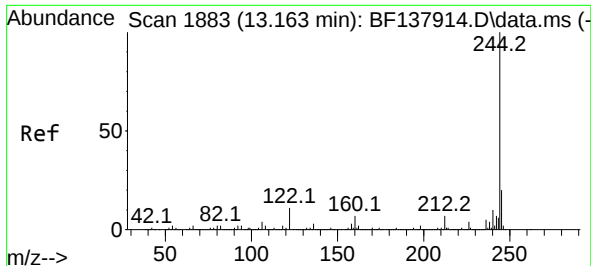
Tgt Ion:240 Resp: 148126
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 24.2 21.0 31.4



#77
Benzidine
Concen: 7.601 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.253 min
Lab File: BF138074.D
Acq: 30 May 2024 14:28

Tgt Ion:184 Resp: 14715
Ion Ratio Lower Upper
184 100
185 18.6 11.4 17.2#
183 7.2 9.5 14.3#

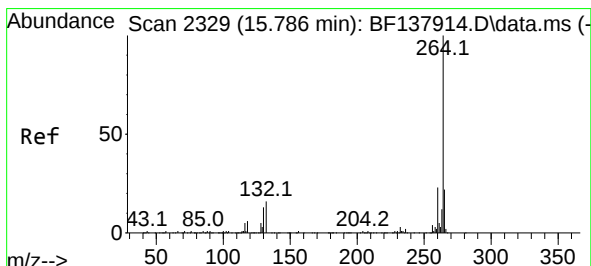
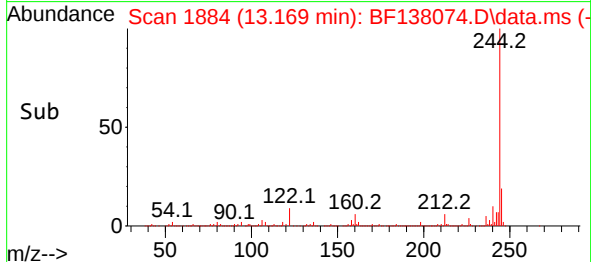
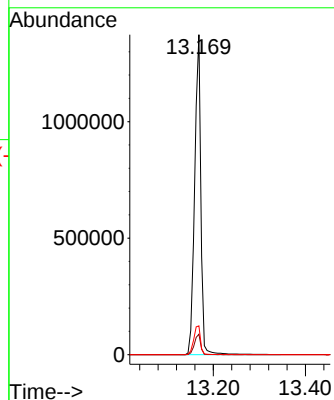
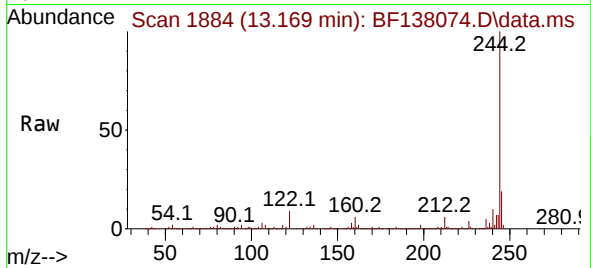




#79
 Terphenyl-d14
 Concen: 126.447 ng
 RT: 13.169 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138074.D
 Acq: 30 May 2024 14:28

Instrument :
 BNA_F
 ClientSampleId :
 RBR200057

Tgt Ion:244 Resp: 1270872
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.816 min Scan# 2334
 Delta R.T. 0.030 min
 Lab File: BF138074.D
 Acq: 30 May 2024 14:28

Tgt Ion:264 Resp: 67149
 Ion Ratio Lower Upper
 264 100
 260 26.8 18.3 27.5
 265 21.4 17.6 26.4

